INITIAL STUDY WITH PROPOSED MITIGATED NEGATIVE DECLARATION
FINAL

El Dorado County Department of Transportation
Routine Maintenance Agreement Project

Prepared for:

El Dorado County Department of Transportation
Maintenance and Operations Division
2441 Headington Road
Placerville, CA 95667

Prepared by:

SWCA Environmental Consultants
Sacramento, CA

May 2024

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Table of Contents

Figures

Tables

Appendices

1. Project Information

1. **Project Title:**

   El Dorado County Department of Transportation Routine Maintenance Agreement Project

2. **Lead Agency Name and Address:**

   El Dorado County Department of Transportation
   Maintenance and Operations Division
   2441 Headington Road
   Placerville, CA 95667

3. **Contact Person and Phone Number:**

   Jon Balzer, Senior Civil Engineer, (530) 621-5920

4. **Project Location:**

   The project area for the Routine Maintenance Agreement (RMA) covers unincorporated El Dorado County, spans 44 U.S. Geological Survey (USGS) topographic quads, and includes the census-designated communities of El Dorado Hills, Cameron Park, Diamond Springs, Pollock Pines, Shingle Springs, Auburn Lake Trails, Georgetown, Camino, Tahoma, Grizzly Flats, Coloma, and Cold Springs. The various types of routine maintenance work covered under the El Dorado County Department of Transportation's (Department) proposed RMA with the California Department of Fish and Wildlife (CDFW) will be limited to the El Dorado County Road System (CRS) and will not cover routine maintenance work within the cities of Placerville and South Lake Tahoe, U.S. Forest Service (USFS) System roads, and roads maintained by the State of California (California Department of Transportation [Caltrans]). In addition, the Department does not maintain facilities managed by the El Dorado Irrigation District, McKinney Water District, the Grizzly Flats Community Services District, or the various public utility districts in El Dorado County. The elevation gradient in the project area is approximately 195 to 10,880 feet above mean sea level (amsl). Routine maintenance work would occur in three distinct elevation zones that capture the geographic variation of El Dorado County: West Slope at 3,500 feet elevation and below, West Slope above 3,500 feet elevation, and the Lake Tahoe Basin.

5. **Description of Project:**

   The Department intends to enter into a 12-year RMA with the CDFW to conduct the Department's routine maintenance of the private and public facilities integral to the CRS. The Department performs routine maintenance work to maintain functional and structural integrity of their facilities with the ultimate goal of the preservation of infrastructure and public safety. The Department's proposed RMA would cover routine maintenance in areas where maintenance would result in the modification of a lake or stream's bed, bank, or channel. This routine maintenance work is divided into 10 categories:

   (1) Removal, Replacement, or Repair of Facilities
   (2) Debris and Obstruction Removal (including Beaver Dams)
   (3) Vegetation Control in Channels or on Banks
   (4) Repair of Previous Erosion Control Work

(5) Minor Erosion Control Work
(6) Channel Alignment Maintenance
(7) Road Maintenance and Storm Water Runoff Systems (MS-4) Maintenance
(8) Minor Bridge Maintenance
(9) Silt, Sand, or Sediment Removal
(10) Maintenance of Existing Recreational Facilities

Permitted maintenance work will be performed by the Department every 1 to 5 years. Work will be planned in order to avoid impacts to waterways, wetlands, vernal pools, and special-status species.

6. **General plan designation:** Various

7. **Zoning:** Various

8. **Surrounding Land Uses and Setting:** Various

9. **Other Public Agencies Whose Approval May Be Required (e.g., permits, financing approval, or participation agreement):**

The proposed project may require permits or approvals from the following:

- U.S. Army Corps of Engineers (USACE) — Section 404 Clean Water Act Nationwide Permit
- Central Valley Regional Water Quality Control Board (RWQCB) — Section 401 Water Quality Certification
- Lahontan RWQCB — Section 401 Water Quality Certification
- Central Valley RWQCB — National Pollution Discharge Elimination System (NPDES) Permit
- Lahontan RWQCB —NPDES Permit
- El Dorado County Air Quality Management District (EDCAQMD) — Fugitive Dust Plan Approval

10. **Have California Native American tribes traditionally and culturally affiliated with the project area requested consultation pursuant to Public Resources Code section 21080.3.1? If so, is there a plan for consultation that includes, for example, the determination of significance of impacts to tribal cultural resources, procedures regarding confidentiality, etc.?**

Official tribal notification of the proposed project was sent to the Shingle Springs Band of Miwok Indians and Washoe Tribe of Nevada and California in July 2023. No requests for consultation were received.

Note: Conducting consultation early in the CEQA process allows tribal governments, lead agencies, and project proponents to discuss the level of environmental review, identify and address potential adverse impacts to tribal cultural resources, and reduce the potential for delay and conflict in the environmental review process (see Public Resources Code section 21080.3.2). Information may also be available from the California Native American Heritage Commission's Sacred Lands File per Public Resources Code section 5097.96 and the California Historical Resources Information System administered by the California Office of Historic Preservation. Please also note that Public Resources Code section 21082.3(c) contains provisions specific to confidentiality.

2. Introduction

The El Dorado County Department of Transportation (Department) is pursuing a 12-year Routine Maintenance Agreement (RMA) with the California Department of Fish and Wildlife (CDFW) for their stream and channel maintenance work. Routine maintenance under the Department's proposed RMA with the CDFW includes maintenance where maintenance would result in the modification of a lake or stream's bed, bank, or channel in El Dorado County under CDFW jurisdiction, which includes "the bed, channel, or bank of any river, stream or lake" (Fish and Game Code Section 1602(a)). This definition applies primarily to lakes and perennial and intermittent streams. The CDFW has also applied this jurisdiction to ephemeral streams exhibiting a bed and bank. Routine maintenance on Department facilities within El Dorado County may be conducted in the vicinity of lakes, rivers, creeks, streams, culverts, bridges, and access roads. Routine maintenance work may include debris or obstruction removal, sediment removal, vegetation control, and minor erosion control and repair. The key facilities in the Department's proposed RMA with the CDFW include the following:

- Road crossings, culverts, and bridges,
- Inlets and outfalls,
- Pipes,
- Channels and conveyance structures, and
- Water quality treatment and/or volume and velocity reduction facilities (i.e., basins).

The Department's proposed RMA with the CDFW is subject to the California Environmental Quality Act (CEQA) (Public Resources Code [PRC] 21000 et seq.) and State CEQA Guidelines (14 California Code of Regulations [CCR] 15000 et seq.). CEQA requires that all state and local government agencies consider the environmental consequences of projects over which they have discretionary authority before acting on those projects.

El Dorado County (the County), as the local lead agency, prepared an Initial Study to consider the significance of potential project impacts pursuant to the CEQA. An Initial Study is a public document used by the decision-making lead agency to determine whether a project may have a significant impact on the environment. If it is determined that a project may have a significant impact on the environment, but that these impacts will be reduced to a less-than-significant level through implementation of specific recommended mitigation measures, a Mitigated Negative Declaration shall be prepared.

This Initial Study describes the proposed project and avoidance and minimization measures, the existing environmental setting, the potential environmental impacts of the range of routine maintenance work, and mitigation measures. This Initial Study is intended to inform decision-makers of the proposed project's compliance with CEQA and the State CEQA Guidelines. Based on the results of this Initial Study, the County determined that the proposed project would have less-than-significant impacts on the environment with the incorporation of avoidance and minimization measures and mitigation measures. Thus, the County may approve the proposed project with the certification of a Mitigated Negative Declaration.

The remainder of this document is organized into the following sections:

- **Section 3, Project Description:** Provides a detailed description of the proposed project.
- **Section 4, Initial Study Checklist and Supporting Documentation:** Provides CEQA Initial Study Resource impact checklists and supporting documentation. Identifies the thresholds of significance, evaluates potential impacts, and describes mitigation necessary to reduce impact significance.
- **Section 5, Determination:** Provides a determination of the County's CEQA findings.
- **Section 6, Report Preparation and References:** Identifies the personnel responsible for the preparation of this document and provides a list of the references cited throughout the document.
- **Appendix A, Mitigation Monitoring and Reporting Plan**: Contains the Mitigation Monitoring and Reporting Plan (MMRP) prepared for the proposed project. The MMRP includes a list of required mitigation measures and information regarding the County's policies and procedures for implementation and monitoring of the mitigation measures.
- **Appendix B, El Dorado County Road System (Maps):** Contains a mapbook of all County roads
- **Appendix C, El Dorado County Road System (County-Maintained Roads):** Contains a list of all County-maintained roads
- **Appendix D, El Dorado County Road System (County-Maintained Roads in United States Forest Service Managed Lands):** Contains a list of all County-maintained roads in lands managed by the U.S. Forest Service
- **Appendix E, Biological Assessment for the El Dorado County Department of Transportation Routine Maintenance Agreement:** Contains the Biological Assessment completed in 2022 for the project

3. Project Description

3.1 Location

El Dorado County Routine Maintenance Agreement (RMA) Project (project) is located within El Dorado County, California. **Figure 1** shows the El Dorado County boundary, the boundaries of six watersheds including the Lake Tahoe Basin boundary, and an elevation gradient across El Dorado County. El Dorado County is bounded by Placer County to the north, the State of Nevada to the east, Alpine County to the southeast, Amador County to the south, and Sacramento County to the west. **Figure 2** shows the El Dorado County Road System (CRS) maps and the three elevation zones that capture the county's geographic variation from the edge of the Sacramento Valley to the Sierra Nevada Range peaks: the West Slope at and below 3,500 feet elevation, the West Slope above 3,500 feet elevation, and the Lake Tahoe Basin. **Figures 3** through **5** show the CRS map and a detail for each of the elevation zones. The project area includes rivers, creeks, tributaries, riparian areas, and a number of private and public facilities within the approximately 1,786 square miles of unincorporated El Dorado County, which spans 44 U.S. Geological Survey (USGS) quadrangles, including the census-designated communities of El Dorado Hills, Cameron Park, Diamond Springs, Pollock Pines, Shingle Springs, Auburn Lake Trails, Georgetown, Camino, Tahoma, Grizzly Flats, Coloma, and Cold Springs.

Public works within the Tahoe Regional Planning Agency (TRPA) are administered through a Memorandum of Understanding that describes exempt and qualified exempt routine maintenance work authorized by the memorandum (TRPA 2012). Exempt and qualified exempt routine maintenance work includes those covered by the Department's proposed RMA with the CDFW.

3.1.1 Proposed Service Area

Routine maintenance work on Department facilities would be conducted in the vicinity of lakes, rivers, creeks, streams, culverts, bridges, and access roads within each elevation zone identified in **Figure 1** (West Slope, at or below 3,500 feet; West Slope, above 3,500 feet; and Lake Tahoe Basin). The Department's proposed RMA with the CDFW is limited to the CRS and will not cover routine maintenance work within the cities of Placerville and South Lake Tahoe, U.S. Forest Service (USFS) System roads, and roads maintained by the State of California (California department of Transportation [Caltrans]). In addition, the Department does not maintain facilities managed by the El Dorado Irrigation District, McKinney Water District, Grizzly Flats Community Services District, or the various Public Utility Districts in El Dorado County—Georgetown Divide, South Tahoe, and Tahoe City. Thus, these facilities are not included in the Department's proposed RMA with the CDFW. County roads in El Dorado County are shown in Appendix B. County roads in the Department's proposed RMA service area are listed in Appendix C. Appendix D includes a list of county roads in lands managed by the USFS.

3.2 Project Purpose and Objectives

The primary purpose of the Department's proposed RMA with the CDFW is to maintain, on a routine basis, the design capacity of channels of its existing public facilities and other physical structures to protect public investments and to prevent the loss of life and property. Routine facility maintenance activities would include, but are not limited to, installing, repairing, or maintaining water diversions, culverts, stream crossings (e.g., bridges, rock fords) and extraction or deposition of material (i.e., sand, rock, or gravel) to maintain lake or stream water transport capacity and structural and functional integrity.

3.3 Project Description

3.3.1 Routine Maintenance Work

According to the County (El Dorado County 2016, 2022), transportation-related assets that need to be continually maintained include:

- 1,080 centerline miles of roadway
- 76 bridges
- 100+ box culverts
- 17,000 feet of guardrail
- 1,600 feet of timber wall
- 464 miles of double yellow centerline
- 302 miles of white edge line
- 14,822 warning, guide, regulatory, and informational signs
- 137.6 miles of raised pavement markers
- 48 signalized intersections
- 131 pieces of heavy equipment

The Department performs routine maintenance work to preserve functional and structural integrity of its infrastructure and maintain public safety. The Department will use a system of Verification Request Forms (VRFs) to notify CDFW prior to any maintenance work. Work will be conducted as described in the Department's proposed RMA and with any additional requirements determined by the CDFW.

Figure 1. Project Location Map

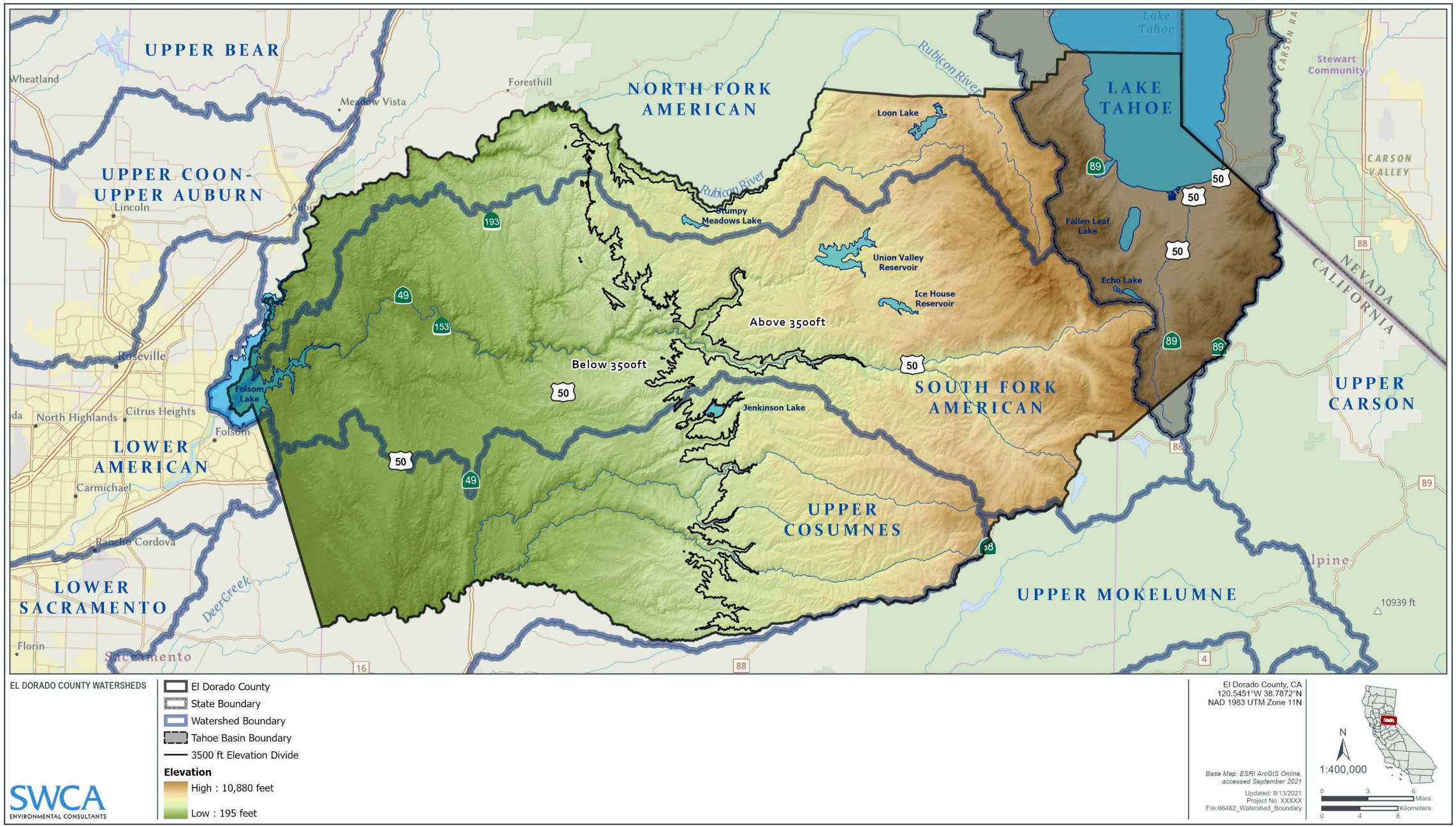


Figure 2. County Road System Map Index

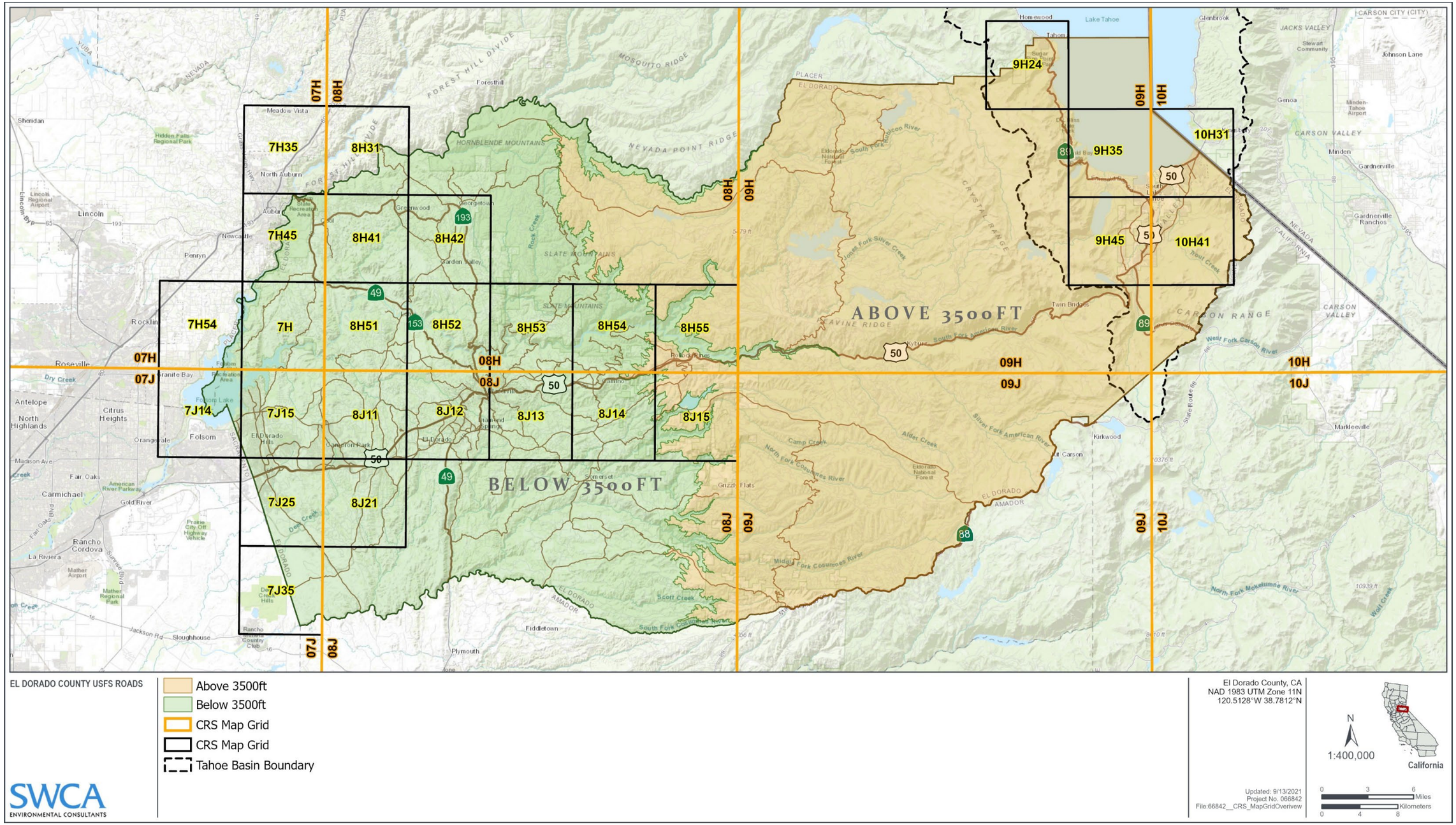


Figure 3. West Slope Service Area (3,500 feet and below)

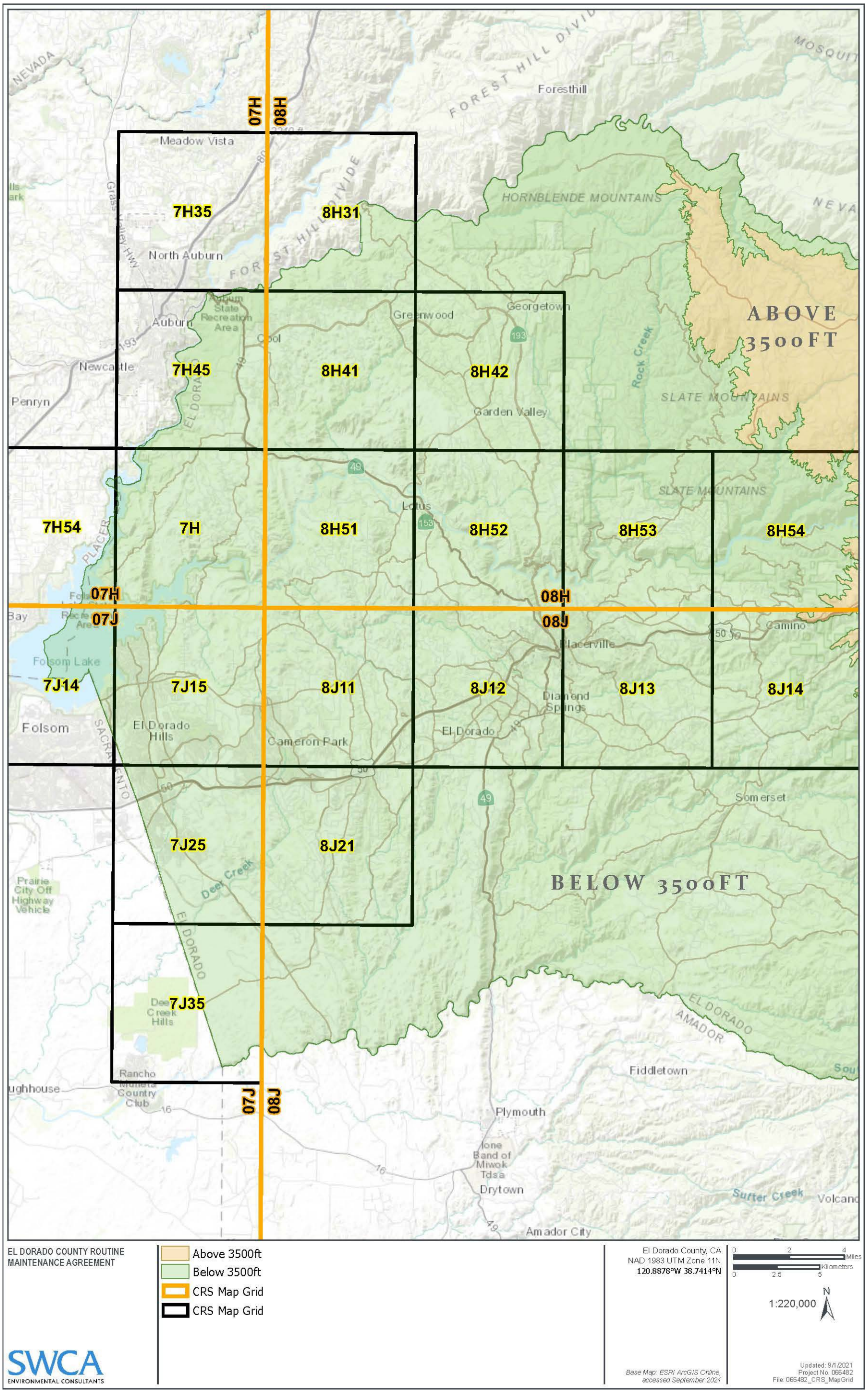


Figure 4. West Slope Service Area (above 3,500 feet)

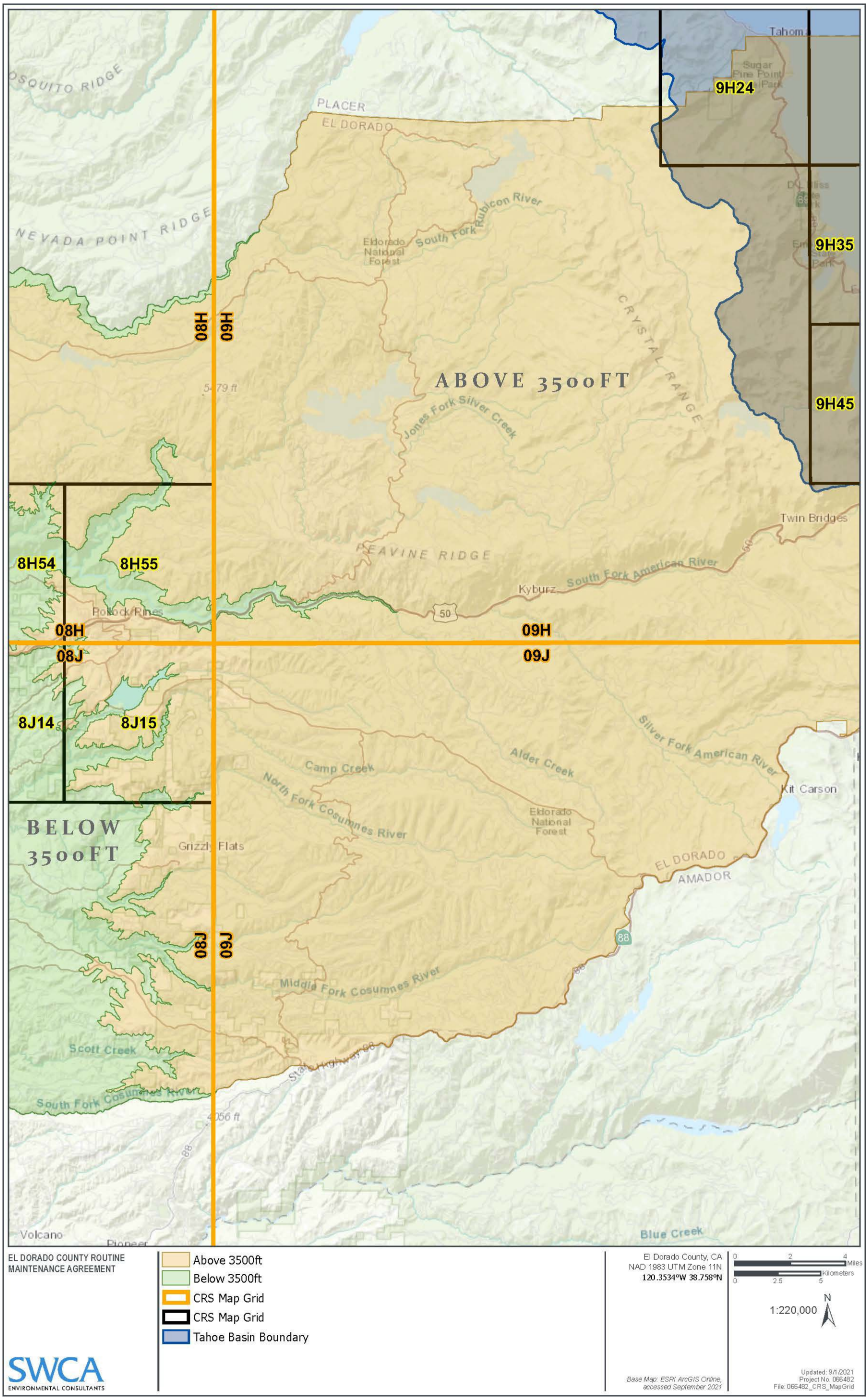
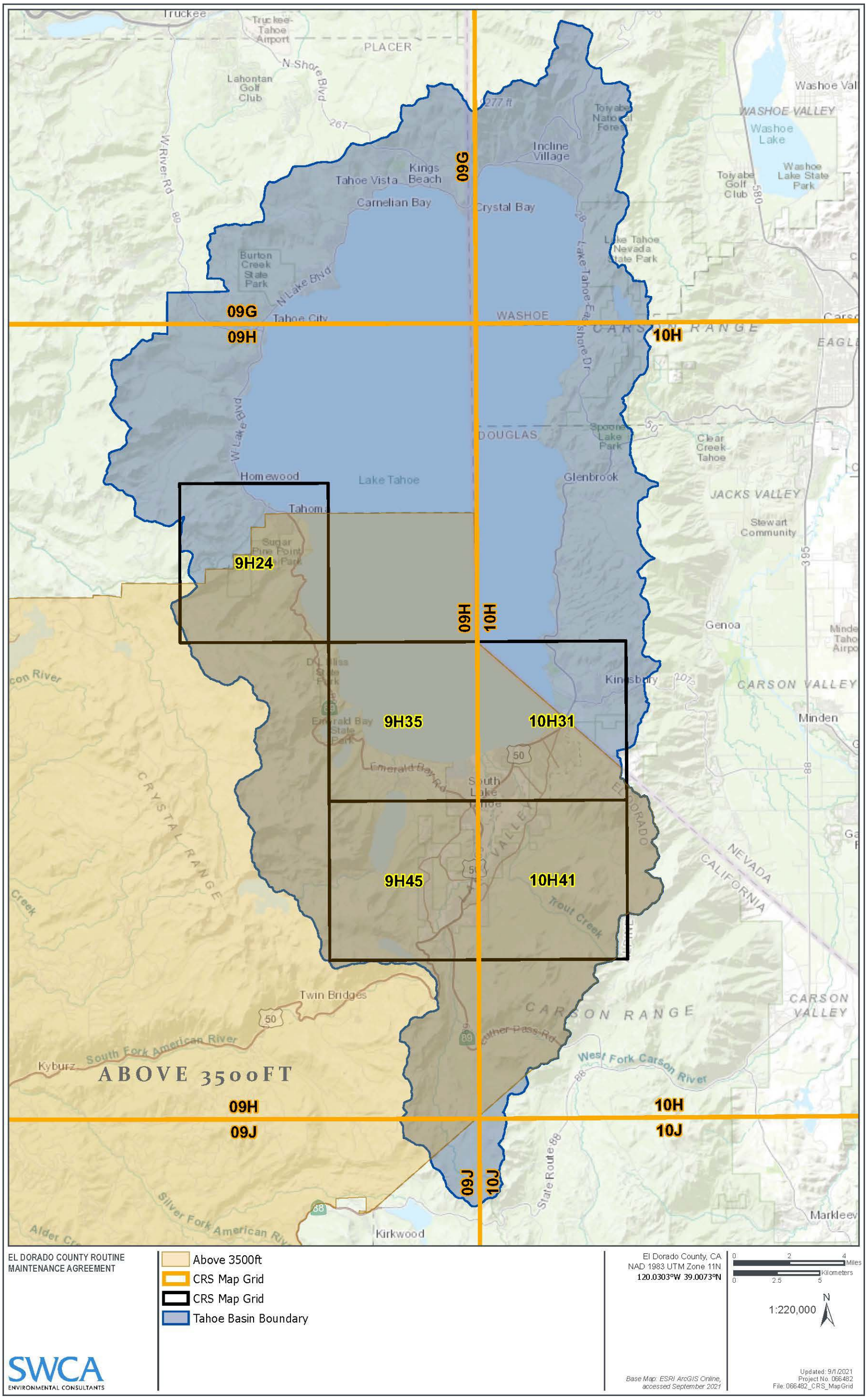


Figure 5. Lake Tahoe Basin Service Area (above 3,500 feet)



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The routine maintenance work is divided into the following 10 categories with details and anticipated frequency for each discussed below.

(1) Removal, Replacement, or Repair of Facilities

(2) Debris and Obstruction Removal (including Beaver Dams)

(3) Vegetation Control in Channels or on Banks

(4) Repair of Previous Erosion Control Work

(5) Minor Erosion Control Work

(6) Channel Alignment Maintenance

(7) Road Maintenance and Storm Water Runoff Systems (MS-4) Maintenance

(8) Minor Bridge Maintenance

(9) Silt, Sand, or Sediment Removal

(10) Maintenance of Existing Recreational Facilities

Routine maintenance work covered by the Department's proposed RMA with the CDFW will be planned to avoid impacts to waterways, wetlands, vernal pools, and special-status species. For example, routine maintenance work sites will avoid vernal pools and elderberry shrubs, which provide habitat suitable for federally listed species such as the vernal pool fairy shrimp and vernal pool tadpole shrimp and the valley elderberry longhorn beetle, respectively.

Removal, Replacement or Repair of Facilities

The Department would remove, replace, or repair culverts, inlets, manholes, aboveground utilities, water diversion structures, roads, or other facilities, including material change (e.g., corrugated metal pipe [CMP] replaced with high-density polyethylene [HDPE]) within areas of CDFW jurisdiction to maintain the functionality and capacities of these utilities. Removal, replacement, or repair of facilities may require the trimming or removal of vegetation; displacement of sediments and/or placement of materials within creeks, channels and basins; manhole lining, flushing, and/or vactoring (pneumatic cleaning with a vacuum truck); closed-circuit television inspections; horizontal directional drilling; jack and bore; electric pole removal/replacement; and open trenching.

Debris and Obstruction Removal (including Beaver Dams)

The Department would remove debris, trash, transient camps, rubbish, hazardous structures, vessels, beaver dams, flood-deposited woody and herbaceous vegetation, downed trees, dead trees that are in clear danger of falling in or across a channel, branches, and associated debris that substantially obstruct (or could obstruct) water flow, reduce channel capacity, accelerate erosion, damage concrete box culverts, metal culverts, or bridge structures. Beaver dam removal may occur by use of hand tools and heavier equipment if needed. For beaver dam removal purposes, a "project" is defined as the removal of beaver dams within the same watercourse within 30 days. Removal efforts would be confined to the

Department's drainage facilities and would not extend to destroying huts. This does not include the installation of beaver deterrent structures that may substantially alter the bed, bank, or channel within the project area. Debris removal may occur in creeks, channels, culvert pipes, bridge spans, detention basins, dams, boat ramps, docks, and trails. Debris or obstruction removal may be followed by revegetation efforts. It should be noted that other environmental permits (i.e., depredation permits and others) and clearances may also apply when removing beaver dams.

Vegetation Control in Channels or on Banks

The Department would cut, mow, disc, or use heavy equipment to manage native and non-native grasses, shrubs, and woody growth, including native and non-native trees, plants, and willows, to maintain the designed capacity of floodways. The Department would cut, trim, or remove the lower branches of large trees to facilitate site inspections and maintain channel capacity. The Department would remove dead and/or dying trees of any size and live trees, including native trees to maintain channel capacity and prevent erosion. The Department anticipates vegetation control equipment to largely be comprised of chainsaws, other hand tools and with the occasional use of a backhoe along with controlled herbicide applications, as necessary. The Department would not remove sensitive plant populations without CDFW approval and would not remove elderberry shrubs below 1,000 feet in elevation without consultation with U.S. Fish and Wildlife Service (USFWS).

Repair of Previous Erosion Control Work

The Department would repair previous erosion control work, including, but not limited to, failed rock slope protection (RSP), sacked concrete, retaining walls, erosion control blankets, gabion sections, sediment basins / constructed stormwater features, or other erosion control work. Such work would not extend beyond 100 linear feet of the existing revetted area. In some areas, these activities and other routine maintenance work may require fill near outfalls, bridges, culverts, basins, and the invert of creeks and channels. Types of fill materials could include RSP, soil, gravel material, or aggregate base and would come from commercial sources in the local area. The Department would also employ bioengineering methods where feasible to repair or enhance previously installed erosion control work. Materials would be placed with equipment such as an excavator, backhoe, dump truck, bobcat, skip loader, front loader, or other small construction equipment. Exact methods, locations, and volumes of erosion repair activities would be submitted to the Department for final approval through the VRFs.

Minor Erosion Control Work

The Department would slope; place earthen fill; install rocks and gabions, retaining walls/outfall headwalls, terracing, or erosion control blankets; apply gunite; or take other necessary measures to control erosion on previously unrevetted areas within CDFW jurisdiction. Temporary and permanent impacts would not exceed 100 linear feet in length or 0.2 acres (whichever area is smaller). The Department may use bioengineering methods where feasible to reduce creek bank erosion. Bioengineering slope

stabilization areas may be larger than 100 linear feet in length or 0.2 acres if approved by the CDFW. Containment measures would be used to prevent deleterious material from entering state waters and avoid adverse impacts to fish and wildlife resources. For purposes of placement of RSP or shotcrete application as bank erosion control, individual project sites must be separated by a distance of at least 1,500 feet.

Channel Alignment Maintenance

At locations where improved County properties and facilities are at risk, the Department may maintain existing channel alignments to prevent creeks and drainages from altering course during large storm events. Activities may include the strategic addition of RSP armoring along the outside edge of stream meanders and in other locations where hydraulic forces are concentrated. In non-urgent locations, the channel may be densely planted with native plants in order to stabilize banks and maintain the current creek alignment. Work may also entail removal of deposited sediment within the wetted channel to prevent the bed of the channel from elevating and causing the channel to braid. Maintaining existing channel alignments may be necessary to prevent channels from undermining and destabilizing bridges, public utilities, roadways, or bike trails. For purposes of placement of RSP or shotcrete application as bank erosion control, individual project sites must be separated by a distance of at least 1,500 feet.

Road Maintenance and Storm Water Runoff Systems (MS-4) Maintenance

Road maintenance work can include establishing drainage flow paths, conveyances, and asphalt surfaces. This includes the use of equipment to ditch road rights-of-way (ROWs) in order to restore road sections and improve asphalt condition. Asphalt pavement condition index (PCI) is also routinely improved as necessary to restore pavement longevity / condition. Activities to ensure proper drainage can include the use of heavy equipment to properly convey water to protect roadway edges. Road shoulders are also maintained frequently through maintenance identified in the other activities within this section.

Other road and roadside maintenance activities include ongoing and intermittent maintenance of stormwater runoff systems to include bioswales, vegetated ditches, stormwater basins, high-priority stormwater facilities, and other stormwater systems designed and constructed to retain flow and preserve water quality. Routine and intermittent maintenance activities for these systems include, but are not limited to, cleaning and removing debris buildup, periodic removal of overgrown vegetation, removal of sediment build up, and periodic reestablishment of components (or parts) of the stormwater system.

Minor Bridge Maintenance

The Department may clean, wash, and paint structures such as bridges within CDFW's jurisdiction. Bridge washing will involve power washing the bridge to remove non-original materials such as dirt, spider webs, and stains. Graffiti removal may involve power washing, applying chemical solvents, or rolling on paint over the graffiti. Bridge painting will involve power washing followed by applying paint with either a roller or pneumatic spray gun. If minor bridge maintenance activities will result in disturbance to sediment along the banks of the watercourse, appropriate best management practices

(BMPs) such as silt fencing, fiber rolls, or other siltation barriers will be used, as appropriate, to prevent silt and/or other deleterious materials from passing downstream. All BMPs will be free of non-native plant materials and plastic monofilament, which may cause entrapment of wildlife.

The Department may repair critically scoured bridge piles with RSP. Such work shall not exceed 100 linear feet in length. Unless approved in writing by the CDFW, individual project sites must be separated by a distance of at least 1,500 feet within the same channel.

The Department may repair timber bridges and boat/ferry ramps such as replacing deck platforms and stringers, provided containment measures are used to prevent deleterious materials from entering state waters and avoid adverse impacts to fish and wildlife resources.

Silt, Sand or Sediment Removal

The Department would displace or remove (under dry conditions) silt, sand, gravel, or sediment in the immediate vicinity (within 50 feet of natural channels and within 250 feet of unvegetated altered channels) of natural or human-made structures and facilities, both lined and unlined, that could substantially obstruct water flow, reduce channel capacity, accelerate erosion, or damage concrete box culverts, metal culverts, bridge structures, or other facilities. Silt, sand, and sediment removal efforts may extend farther from structures if approved by CDFW during the VRF process. Such structures or facilities may include storm drains, outfalls, bridges, culverts, basins, and the invert of creeks and channels. Removal of silt, sand, or other sediments may be followed by revegetation efforts.

Maintenance of Existing Recreational Facilities

The Department would maintain access roads, existing trails along creek corridors and at trail creek crossings, paved bicycle and pedestrian paths, and other existing recreational facilities along creek corridors within areas of CDFW jurisdiction. Vegetation control equipment is expected to be largely comprised of herbicides, mowers, chainsaws, and other hand tools, with the occasional use of a backhoe. The Department would remove debris, woody and herbaceous vegetation, and trees that are in clear danger of falling in or across a trail/creek crossing; trim obstructing branches and downed trees; conduct selective trimming for public safety and visibility; and perform general maintenance on trail facilities such as benches, signage, pedestrian bridges, culverts, slope stabilization, erosion control, etc. Vegetation would be maintained to ensure a minimum clearance of 5 feet from the edge of an improved access road, trail, and associated facilities to maintain trail safety and public access.

Examples of the Department's routine maintenance work associated with each type of facility are summarized in **Table 1**.

Table 1. Routine Maintenance Work under the El Dorado County Department of Transportation's Proposed Routine Maintenance Agreement

Facility	RMA Categories	Specific Maintenance Work	Specific Work not Requiring VRF / 1602 Notification
Road Crossings	• Removal, Replacement, or Repair of Facilities • Debris and Obstruction Removal • Repair of Previous Erosion Control Work • Minor Erosion Control Work • Road Maintenance	• Removal of trees or debris on a roadway due to high flows/erosion of a riparian area adjacent to the road • Repair of roadway where it is damaging, or is being damaged by, a CDFW watercourse • Shoring up water-eroded areas under a roadway • Excavation of roadside ditches to drain into a CDFW watercourse	• Excavation/maintenance of roadside drainage ditches non-adjacent to CDFW watercourse • Flood control on roadway, e.g., placement of sand or gravel bags non-adjacent to CDFW watercourse • See list under Bridges
Culverts	• Removal, Replacement, or Repair of Facilities • Debris and Obstruction Removal (including Beaver Dams) • Vegetation Control in Channels or on Banks • Silt, Sand, or Sediment Removal	• In-kind replacement of damaged or aging culverts draining into or out of a CDFW watercourse, including new material pipes with same capacity	• Replacement, repair, or installation of small culverts (12- to 24-inch diameter) conveying roadside ditches or upland drainage • Excavation to direct runoff into culvert non-adjacent to CDFW watercourse
Bridges	• Removal, Replacement, or Repair of Facilities • Debris and Obstruction Removal (including Beaver Dams) • Vegetation Control in Channels or on Banks • Repair of Previous Erosion Control Work • Minor Erosion Control Work • Minor Bridge Maintenance	• Placement/replacement of RSP at bridge abutments for scour protection (up to 100 feet) • Stringer or deck repair/replacement on timber bridges or boat ramps	• Striping • Installation of reflectors • Crack repair • Joint repair • Guardrail repair • Erosion control best management practices, e.g., erosion rolls • Deck work
Inlets and Outfalls	• Removal, Replacement, or Repair of Facilities • Debris and Obstruction Removal (including Beaver Dams) • Silt, Sand, or Sediment Removal	• In-kind replacement of drain inlets and outlets conveying a CDFW watercourse	• Debris removal from top of drain inlets/outlets

Facility	RMA Categories	Specific Maintenance Work	Specific Work not Requiring VRF / 1602 Notification
Channels and Conveyance Structures	• Debris and Obstruction Removal (including Beaver Dams) • Vegetation Control in Channels or on Banks • Repair of Previous Erosion Control Work • Minor Erosion Control Work • Channel Alignment Maintenance	• Cut, mow, disc, or bulldoze native and non-native grasses, shrubs, and woody growth including native and non-native trees, plants, and willows • Bioengineered bank stabilization • RSP replacement • Logjam removal	
Water Quality Treatment & Velocity Control Facilities (Basins)	• Removal, Replacement or Repair of Facilities • Silt, Sand, or Sediment Removal		• Maintenance of human-made water quality detention basins and other water quality treatment facilities

3.3.2 Maintenance Work Not Covered by Department's Proposed RMA

The following activities are not covered by the Department's proposed RMA with the CDFW, or do not require a VRF.

Removal, Repair, or Replacement of Facilities in Non-CDFW Jurisdiction

Stormwater run-off and/or sheet flow from pervious and impervious surfaces that does not convey into intermittent or perennial streams or lakes is not habitat for fish or wildlife and does not fall under CDFW jurisdiction. For example, work to remove, replace, or repair small (12- to 36-inch diameter) culverts and/or pipes conveying stormwater run-off and/or sheet flow of waters, or located in uplands and/or developed areas, are not subject to CDFW approval under this RMA or a separate Section 1602 Streambed Alteration Agreement. In the event that the existing culverts and/or pipes require modification of size and/or alignment, or if the drainage location resides within a potential CDFW jurisdictional area, additional site assessment and coordination with the CDFW may apply.

Emergency Repair Work

Fish and Game Code Section 1610 defines the type of emergency work not subject to Section 1600 notification. Emergency work includes immediate emergency work necessary to protect life or property, maintain service as a result of a disaster in an area in which a state of emergency has been proclaimed by the Governor of California, and emergency projects approved by a state or local governmental agency to maintain, repair, or restore an existing highway damaged by fire, flood, storm, earthquake, land subsidence, gradual earth movement, or landslide within 1 year of the damage. The Department will

notify the CDFW of emergency repair work within watercourse areas under CDFW jurisdiction within 14 days after work begins, according to Fish and Game Code Section 1610.

New or Replacement Construction Projects Contained in El Dorado County's Capital Improvement Plan

Because of their scale, Capital Improvement Plan (CIP) projects typically require a standalone Section 1602 Streambed Alteration Agreement from the CDFW.

Maintenance Work That Would Increase the Water Supply Capacity of a Facility Beyond the Designed (As-Built) Capacity

Activities that increase facility capacity include replacement of culverts, pipes, or other conveyance structures over 36 inches in diameter and within larger facilities/structures and typically require a standalone Section 1602 Streambed Alteration Agreement from the CDFW.

Maintenance Work Conducted on Non-County Private Property by Other Landowners

Landowners working in watercourse areas on private property are responsible for obtaining their own Streambed Alteration Agreement, as necessary.

Verification Request Forms

Prior to any routine maintenance work, the Department will submit a VRF to the CDFW. Information provided in the VRF will include type of request (Routine or Urgent), location and name of watercourse, description of work activities, equipment to be used, size of impact area, known environmental concerns, and whether a temporal variance request is needed to complete work. Work will be planned in order to avoid impacts to waterways, wetlands, vernal pools, and special-status species. The CDFW may approve the request with additional monitoring or mitigation measures as deemed necessary. Denied requests may need alteration or separate notification under Fish and Game Code Section 1602. Emergency work is not part of the Department's proposed RMA with the CDFW and will be conducted in accordance with Fish and Game Code Section 1610.

3.4 Project Schedule

The road maintenance crews regularly conduct routine infrastructure maintenance and prioritize that work on a case-by-case basis. Permitted maintenance work will be performed by the Department every 1 to 5 years. The Department estimates that in a typical year, only one or two projects would require notification on the West Slope, and roughly the same number would require notification in the Lake Tahoe Basin. Routine maintenance work is often completed in response to seasonal high flows or flood events. In some cases, repairs or replacements are completed as emergency repairs and would not be covered under the Department's proposed RMA.

The Department does not anticipate compiling an annual workplan that could be used to file a batched, annual VRF at this time. The Department may revisit the need for an annual workplan later during the 12-year course of the RMA. If deemed necessary, the Department would request an RMA modification from CDFW.

4. Initial Study Checklist and Supporting Documentation

4.1 Initial Study Checklist

This section of the Initial Study incorporates the Environmental Checklist contained in Appendix G of the State CEQA Guidelines. Each resource topic section provides a determination of potential impacts and an explanation for the checklist impact questions. The following 21 environmental categories are addressed in this section:

• Aesthetics	• Land Use/Planning
• Agriculture and Forestry Resources	• Mineral Resources
• Air Quality	• Noise
• Biological Resources	• Population / Housing
• Cultural Resources	• Public Services
• Energy	• Recreation
• Geology and Soils	• Transportation
• Greenhouse Gas Emission	• Tribal Cultural Resources
• Hazards and Hazardous Materials	• Utilities/ Service Systems
• Hydrology/Water Quality	• Wildfire
	• Mandatory Findings of Significance

Each of the above-listed environmental categories was fully evaluated and one of the following four determinations was made for each checklist question:

- **"No Impact"** means that no impact to the environment would occur as a result of implementing the project.
- **"Less than Significant Impact"** means that implementation of the project would not result in a substantial and/or adverse change to the environment and no mitigation is required.
- **"Potentially Significant Unless Mitigation is Incorporated"** means that the incorporation of one or more mitigation measures would reduce the impact from potentially significant to less than significant.
- **"Potentially Significant Impact"** means that there is either substantial evidence that a project-related effect would be significant or, due to a lack of existing information, could have the potential to be significant.

4.2 Setting, Impacts, and Mitigation Measures

4.2.1 Aesthetics

Except as provided in Public Resources Code Section 21099, would the project:	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
a) Have a substantial adverse effect on a scenic vista?	☐	☐	☒	☐
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	☐	☐	☒	☐
c) In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality	☐	☐	☒	☐
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	☐	☐	☒	☐

Environmental Setting

Visual resources are classified in two categories: scenic views and scenic resources. Scenic resources are described in the CEQA Environmental Checklist as specific features of a viewing area (or viewshed) such as trees, rock outcroppings, and historic buildings. They are specific features that act as the focal point of a viewshed and are usually foreground elements. Scenic views are elements of the broader viewshed such as mountain ranges, valleys, and ridgelines. They are usually middle ground or background elements of a viewshed that can be seen from a range of viewpoints, often along a roadway or other corridor. El Dorado County has a broad range of landscapes that change with the gradual increase in elevation—from 200 feet in the western rolling foothills to more than 10,000 feet along the Sierra Nevada crest on the edge of the Lake Tahoe Basin. Rolling foothills dotted with mature oaks and oak woodlands, agricultural land, apple orchards and vineyards, evergreen forests and snow-capped mountains, scenic rivers, alpine lakes, and historic structures all contribute to El Dorado County's visual character.

CEQA establishes that it is the policy of the state to take all action necessary to provide the people of the state "with . . . enjoyment of aesthetic, natural, scenic and historic environmental qualities" (PRC 21001(b)). In 1963 the state legislature established the California Scenic Highway Program, a provision of the Streets and Highways Code, to preserve and enhance the natural beauty of California

(Caltrans 2022). El Dorado County is within Caltrans District 3. The State Highway System includes designated scenic highways and those that are eligible for designation as scenic highways. Scenic corridors are defined in the Caltrans Scenic Highways Guidelines as "the area of land generally adjacent to and visible from the highway . . . usually limited by topography and/or jurisdictional boundaries." There are two officially designated state scenic highways in El Dorado County: 1) U.S. Highway 50 (US 50) from Government Center Interchange in Placerville in the Sacramento Valley through the Sierra Nevada to the South Lake Tahoe city limit and beyond Lake Tahoe and 2) State Route (SR) 89, which borders the west shore of Lake Tahoe, from the Placer County line to the Alpine County line, (Caltrans 2022). Segments of SR 49, which runs north–south from the Placer County/El Dorado County line to the Amador County/El Dorado County line, have been identified as eligible for designation as a scenic highway; however, documentation in support of official designation has not been submitted to Caltrans.

The *2004 El Dorado County General Plan* and subsequent updates provide guidelines for new development to ensure that projects are designed in a manner that does not detract from scenic areas. Examples of scenic areas include river canyons, lake watersheds, scenic highway corridors, ridgelines, and steep slopes. The General Plan also encourages the protection and enhancement of scenic corridors, although no specific scenic corridors are identified. These guidelines typically apply to new discretionary land use projects. The General Plan specifically calls for the protection and improvement of scenic values along designated scenic road corridors (Goal 2.6), the identification of scenic and historical roads and corridors (Objective 2.6.1), and the development and adoption of a scenic corridor ordinance to establish protective standards for identified scenic local roads and state highways (Policy 2.6.1.1), which is in progress. A list of the significant scenic views and resources in El Dorado County is in Table 5.3-1 of the *El Dorado County General Plan Environmental Impact Report* (EIR) (El Dorado County 2003). Many of these viewpoints are areas along designated state scenic highways, highways eligible for designation as a state scenic highway, and locally designated scenic roads and scenic corridors such as SR 49 (near Coloma), SR 89 (near Lake Tahoe), and US 50, where viewers can see historic structures or districts and large waterbodies (e.g., Lake Tahoe, Folsom Reservoir), river canyons (American, Cosumnes, Rubicon, and Upper Truckee Rivers), rolling hills, or forests (Eldorado and Tahoe National Forests).

The *El Dorado County General Plan Conservation and Open Space Element* also contains provisions for the conservation and protection of soils, minerals, water, wildlife and fisheries, vegetation, cultural resources, and open space (Goal 7.6). The issues of this element are closely linked to those of almost all other elements of the General Plan, such as the Land Use, Agriculture and Forestry, and Parks and Recreation Elements. The Conservation and Open Space Element includes the following goals, objectives, policies, and programs related to scenic vistas, scenic resources, and visual character or quality of public views:

- Protect and conserve forest, oak woodland, and tree resources for their wildlife habitat, recreation, water production, domestic livestock grazing, production of a sustainable flow of wood products, and aesthetic values. (Objective 7.4.4)
- Maintenance of the visual integrity of historic resources (Objective 7.5.2)

- Conserve open space land for the continuation of the county's rural character, commercial agriculture, forestry and other productive uses, the enjoyment of scenic beauty and recreation, the protection of natural resources, for protection from natural hazards, and for wildlife habitat. (Goal 7.6)

The *El Dorado County Integrated Natural Resources Management Plan* and *Oak Resources Management Plan* have been developed and updated to implement the goals, policies, and programs of the General Plan by meeting a number of objectives, including:

- Maintain a viable agricultural segment of the economy;
- Conserve natural features necessary for access to a variety of outdoor recreation opportunities;
- Retain important scenic and historic areas;
- Preserve the diversity of plant and animal communities;
- Protect endangered and other special-status plant and animal species; and
- Separate urban areas into distinct communities and ensure public safety.

Potential Environmental Effects

a) ***Less Than Significant Impact.*** Visual resources consist of two categories: scenic views and scenic resources. As per the CEQA Checklist, scenic resources are described as specific features of a viewing area (or viewshed) such as trees, rock outcroppings, and historic buildings. Scenic views are elements of the broader viewshed such as mountain ranges, valleys, and ridgelines. CEQA statutes and guidelines specifically reference the term scenic vistas. Scenic vistas are specific views with high visual quality that are available from public vantage points such as lookout points or ridgeline trails.

The visual resources assessment included a review of scenic goals and policies for El Dorado County noted above under "Environmental Setting." The General Plan provides examples of scenic vistas such as river canyons, lake watersheds, scenic highway corridors, ridgelines, and steep slopes. Department facilities are located along County road ROWs at each elevation range of the Sierra Nevada ecoregion, from approximately 195 to 10,880 feet above mean sea level (amsl), with routine maintenance work to occur on Department facilities at each elevation zone: the West Slope at 3,500 feet elevation and below, the West Slope above 3,500 feet elevation, and the Lake Tahoe Basin. Visual effects were assessed based on the potential to substantially damage scenic resources (e.g., scenic roads, trees, rock outcroppings) or to degrade the visual character of the maintenance sites. The evaluation of temporary or short-term visual impacts considers whether construction activities could substantially degrade the existing visual character or quality of the site or surrounding area, as well as the duration over which any such changes would occur. Because of their short-term nature, maintenance activities are typically considered to have a less-than-significant effect on visual quality.

As noted above under "Environmental Setting," designated and eligible scenic highways (US 50, SR 89, and SR 49) are not part of the project area for the proposed routine maintenance program, i.e., it does not apply to federal or state highways and roads. There are no other highways or state routes in El Dorado County designated, or eligible for designation, as scenic highways (Caltrans 2022).

The Department's maintenance sites are located along County-maintained roads and associated facilities, including roadway shoulders, roadside ditches, culverts, bridges, stormwater facilities, and flood control facilities in active flood control zones. Routine maintenance work would be visible from County roads. None of the Department's routine maintenance work would occur in the vicinity of roads managed by Caltrans (e.g., US 50, SR 89). While vegetation clearance may be visible to the public, the characteristics of the various sites would be largely maintained. Project impacts would be considered less than significant.

b) ***Less Than Significant Impact.*** The Department's proposed routine maintenance activities would be limited to County road ROWs and surrounding areas in unincorporated parts of the county. Maintenance activities that may be partially visible from County roads include vegetation maintenance, culvert repair, unpaved road or trail maintenance, and other minor facility repairs. Some tree removal work may occur; however, this activity would be limited to removing hazard trees (dead, decaying, or fallen trees) that present a fire hazard and/or are a public safety hazard within proximity to County roads, trails, and parking lots. As such, tree removal is not expected to substantially damage views from County roads, trails, and parking lots. In addition, no rock outcroppings or historic buildings would be impacted under the proposed routine maintenance program. Lastly, because all other maintenance activities would be short in duration and because views of the above-referenced County parks would be fleeting due to the speed of travel, these maintenance activities would not substantially damage scenic resources. The impact on scenic resources is considered less than significant. Although not required to reduce the impact to a less-than-significant level, implementation of the BMPs related to the maintenance of construction sites and dust management controls would reduce the amount of tracking from construction vehicles and equipment and reduce the amount of dust emitted, and thereby improve visual conditions at work areas. Project impacts would be considered less than significant.

c) ***Less than Significant Impact.*** The Department's proposed RMA with the CDFW includes routine maintenance activities that could alter the existing visual character or quality of public views of the site and its surroundings. The visual character and quality of non-urbanized and urbanized areas where routine maintenance activities would vary from location to location. Proposed routine maintenance activities such as vegetation management (e.g., mowing, trimming and pruning, herbicide application, hazard tree removal) would be conducted routinely and relatively consistently year to year with work locations changing on a routine basis. Herbicides would be used in combination with mechanical methods to control invasive and non-native plants along County roads and trails, but only sparingly and in combination with mechanical

applications when those methods are deemed ineffective at managing vegetation. Vegetation maintained along County roads would be limited to the areas immediately along these roads in order to maintain sight distances and clearances for motorists. As it relates to trails or other park, recreation, or open space resources within El Dorado County, vegetation/fuel management would be limited to maintaining defensible space around Department facilities (e.g., 100-foot-wide buffer) and removing hazardous trees within a reasonable distance of Department facilities (e.g., 200-foot-wide buffer).

Vegetation removal would be limited to only what is necessary to perform the Department's routine maintenance work and would only occur within the creeks, drainage channels, detention basins, or other waters under CDFW jurisdiction. In addition, the Department would maintain stream channels in such a manner that it would avoid removal of trees greater than 4 inches diameter at breast height (dbh) to the greatest extent feasible. Removal of mature trees would be infrequent and only when needed to ensure safe conveyance of flood flows. Vegetation control would be targeted at understory and non-native species. In most situations, vegetation control would maintain existing baseline conditions.

The El Dorado County Oak Tree Preservation Ordinance (El Dorado County Code Title 130.39) protects oak trees. This ordinance applies to road widening and realignments that are necessary to increase capacity, protect the public health, and improve the safe movement of people and goods in existing public road ROWs. The County will replace any removed oak tree canopy (based on Option A of General Plan Policy 7.4.4.4) on-site of the project area, where feasible, at a 1:1 ratio.

Other proposed routine maintenance activities such as culvert repair/replacement, bank stabilization and slip-out repairs, bridge repairs, sediment and debris clearing, and stormwater facility maintenance among other minor activities would occur at multiple locations but would generally be done infrequently at any one location. During maintenance activities at any given site, the visual character may be somewhat degraded at the immediate time of maintenance work due to the presence of construction materials, equipment, and vehicles. However, construction activities at any given site would be temporary and likely not last more than a few weeks. Therefore, impacts, if any, would not be permanent.

Construction will introduce changes but will not alter the character of areas within the project area. Some trees will be modified and/or removed based on the scope of the maintenance work, but significant trees and/or habitat will still remain. Changes that occur due to routine maintenance are consistent with the existing character of the range of project sites on the CRS. However, landscaping and oaks removed for routine maintenance are subject to County policy and will be replanted to the greatest possible extent. Therefore, impacts are less than significant, and no mitigation is necessary.

Overall, the existing conditions of the maintenance sites along County road ROWs and associated areas, including creeks and drainages, subject to the routine maintenance work in the Department's proposed RMA with the CDFW are expected to remain intact. With implementation of the BMPs related to the maintenance of construction sites and dust management controls, the proposed RMA's impact on the visual character of maintenance sites and surrounding areas would be considered less than significant. The Department's proposed RMA with the CDFW would not substantially degrade the existing visual quality of the maintenance sites. Project impacts would be considered less than significant.

d) ***Less than Significant Impact.*** The proposed RMA would not include routine maintenance activities that would require the permanent installation of new sources of light and/or features that would produce glare. The short-term construction activities under the Department's proposed RMA with the CDFW would occur during the daytime hours. Where necessary, electronic advisory boards and other temporary construction-related lighting for traffic advisories, traffic, management, and construction activities to ensure worker and public safety could result in temporary sources of light for the duration of construction during the early and morning and evening hours. Thus, the routine maintenance work would not introduce any new sources of substantial light or glare that would adversely affect day or nighttime views in the area. Project impacts would be considered less than significant.

4.2.2 Agriculture and Forestry Resources

In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. Would the project:	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	☐	☐	☒	☐
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	☐	☐	☐	☒
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	☐	☐	☐	☒
d) Result in the loss of forest land or conversion of forest land to non-forest use?	☐	☐	☐	☒
e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	☐	☐	☐	☒

Environmental Setting

The project area includes creeks, tributaries, riparian areas, and Department facilities within the six watersheds that overlap with the El Dorado County boundary. The project area encompasses approximately 1,786 square miles of unincorporated El Dorado County and spans 44 USGS quadrangles. Prime farmland, farmland of statewide importance, unique farmland, or farmland of local importance could occur in or immediately adjacent to the project area. General Plan Figure AF-1,-Farmland in El Dorado County, shows numerous areas classified as Important Farmlands, especially farmlands of local importance, in the county west of the USFS boundary (approximately the western third of the county). El Dorado County also contains ample forest lands, as the eastern portion of the county is almost entirely within lands managed by USFS. In fact, the 2020 County crop report (El Dorado County 2021) noted there were about 82,000 board feet of wood harvest in 2020.

Potential Environmental Effects

a) ***Less than Significant Impact.*** Given the dispersed nature of prime farmland, farmland of statewide importance, unique farmland, and/or farmland of local importance and project activities, work could occur in or immediately adjacent to farmland. However, the Department's routine maintenance work would not result in the conversion of agricultural land to a different use, as these activities are generally short term and occur along roadsides and not in the farmland. Further, the project includes no activities that would convert farmland to other uses. Project impacts would be considered less than significant.

b) ***No Impact.*** Similar to 4.2.2(a), project activities associated with the Department's proposed routine maintenance work would not conflict with existing zoning for agricultural use or Williamson Act contracts due to the short-term nature of the work, the type of work, and its location, and routine maintenance along County roads would not convert farmland.

c) ***No Impact.*** Similar to croplands, project activities could occur adjacent to forestlands but would not impact these lands nor would it change zoning designations related to these lands. The Department's routine maintenance work would not conflict with existing zoning for, or cause rezoning of, forest land or timberland. The Department's proposed RMA with the CDFW would be consistent with the existing zoning and would not include any rezoning activities.

d) ***No Impact.*** The Department's routine maintenance work would not alter the land use, conflict with existing zoning, or cause rezoning of forest land or timberland; the County will continue to maintain roads in unincorporated portions of the County consistent with existing conditions. The Department's proposed RMA with the CDFW is consistent with the existing zoning and does not include any rezoning activities.

e) ***No Impact.*** The Department's proposed RMA with the CDFW is not anticipated to involve other changes in the existing environment that could result in conversion of farmland or forest land.

4.2.3 Air Quality

Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
a) Conflict with or obstruct implementation of the applicable air quality plan?	☐	☐	☒	☐
b) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?	☐	☐	☒	☐
c) Expose sensitive receptors to substantial pollutant concentrations?	☐	☐	☒	☐
d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	☐	☐	☒	☐

Environmental Setting

All discrete routine maintenance work would occur within El Dorado County, which is bordered by the Sacramento Valley to the west and the State of Nevada to the east. The western portion of El Dorado County consists of rolling Sierra Nevada foothills, and the central and eastern portions of El Dorado County consists of the Sierra Nevada Range. Elevations range from over 10,000 feet at the Sierra Nevada crest down to several hundred feet above sea level at the Sacramento County boundary. Extreme slopes and differences in altitude characterize the rugged mountain peaks and valleys of the Sierra Nevada Range; rolling foothills characterize the land in the west.

The climate of El Dorado County is marked by hot, dry summers and cool, moist winters and has two distinct air quality settings: the Mountain Counties Air Basin and the Lake Tahoe Air Basin. The Mountain Counties Air Basin includes Amador, Calaveras, El Dorado (western portion), Mariposa, Nevada, Placer (middle portion), Plumas, Sierra, and Tuolumne Counties. The Lake Tahoe Air Basin includes the eastern portions of El Dorado and Placer Counties in California and Douglas and Washoe Counties in Nevada. The Sacramento Valley Air Basin is located to the west, the Northeast Plateau Air Basin is located to the north, and the San Joaquin Valley Air Basin is located to the south.

Mountain Counties Air Basin

The Mountain Counties Air Basin lies along the Sierra Nevada range, close to or contiguous with the Nevada border, and covers an area of roughly 11,000 square miles. The climate of the Mountain Counties Air Basin is influenced by the foothill and mountainous terrain unique to the mountain counties included in this air basin. The general climate of the Mountain Counties Air Basin varies considerably with

elevation and proximity to the Sierra ridge. The terrain features of the Mountain Counties Air Basin make it possible for various climates to exist in relatively close proximity. The pattern of mountains and hills causes a wide variation in rainfall, temperature, and localized winds throughout the Mountain Counties Air Basin. The western portion of El Dorado County within the Mountain Counties Air Basin has higher temperatures and lower annual rainfall than the central and eastern portions, which are characterized by low temperatures and high annual rainfall.

Temperature variations have an important influence on basin wind flow, dispersion along mountain ridges, vertical mixing, and photochemistry. In the winter, the Sierra Nevada receives large amounts of precipitation from storms moving in from the Pacific. In the summer, it receives lighter amounts of precipitation from intermittent "monsoonal" moisture flows from the south and cumulus buildup. Precipitation levels are high in the highest mountain elevations but decline rapidly toward the western portion of the Mountain Counties Air Basin. Winter temperatures in the mountains can be below freezing for weeks at a time and substantial depths of snow can accumulate, but in the western foothills, winter temperatures rarely dip below freezing and precipitation is mixed as rain or light snow. In the summer, temperatures in the mountains are mild, with daytime peaks in the 70s to low 80s degrees Fahrenheit (ºF), while temperatures in the western end of El Dorado County can routinely exceed 100ºF.

Due to the combination of topography and meteorology of the Mountain Counties Air Basin, local conditions predominate in determining the effect of emissions in the Mountain Counties Air Basin. Regional air flows are affected by the mountains and hills, which direct surface air flows, cause shallow vertical mixing, and hinder dispersion, creating areas of high pollutant concentrations. Inversion layers, in which warm air overlays cooler air, frequently occur and trap pollutants close to the ground. In the winter, these conditions can lead to carbon monoxide (CO) "hotspots" along heavily traveled roads and at busy intersections. During summer's longer daylight hours, stagnant air, high temperatures, and plentiful sunshine provide the conditions and energy necessary for the photochemical reaction between reactive organic gases (ROG) and nitrogen oxides (NOx). This reaction results in the formation of ozone (O_3). Because of its long formation time, ozone is a regional pollutant rather than a local hotspot problem.

In the summer, the strong upwind valley air flowing into the Mountain Counties Air Basin from the Central Valley to the west is an effective transport medium for ozone precursors and for ozone generated in the Bay Area and the Sacramento and San Joaquin Valleys. These transported pollutants are the predominant cause of ozone in the Mountain Counties Air Basin and are largely responsible for the exceedances of the federal and state ozone Ambient Air Quality Standards (AAQS) in the Mountain Counties Air Basin. The California Air Resources Board (CARB) has officially designated the Mountain Counties Air Basin as "ozone impacted" due to transport from those areas.

Air quality is affected by the rate, amount, and location of pollutant emissions and the associated meteorological conditions that influence movement and dispersal of pollutants. Atmospheric conditions including wind speed, wind direction, and air temperature, in combination with local surface topography (i.e., geographic features such as mountains and valleys), determine air pollutant impacts on local air

quality. Air quality in the project area is influenced mostly by pollutant transport from upwind areas, such as the Sacramento and San Francisco Bay metropolitan areas, but also by local emissions sources, such as wood burning stoves and fireplaces during the winter months and vehicles using area roadways in El Dorado County. Although movement of air is generally considered an effective means of diluting air pollution and subsequently attenuating the pollutant's unhealthy effects, predominant westerly winds during the summer transport urban air pollution from the west and southwest to the Mountain Counties Air Basin. This effect can contribute significantly to the region's inability to attain mandated air quality standards. The movement of urban pollution from the San Francisco Bay area to the foothills of the Sierra Nevada by means of the Carquinez Straits has been documented and may account for a sizable portion of regional foothill ozone levels.

Lake Tahoe Air Basin

The Lake Tahoe Air Basin is comprised of the surface of Lake Tahoe (roughly 20 miles long by 10 miles wide) and land up to the surrounding rim of mountain ridges. The southern portion of the air basin is in El Dorado County and the northern portion is in Placer County (much of the eastern side of the Lake is in Nevada). The lake is at an altitude of 6,200 feet, and the ridges climb to over 10,000 feet. The mountain slopes surrounding the lake are quite precipitous and are broken by deep valleys carved by streams that drain into the lake.

The Lake Tahoe Air Basin, in winter, is typified by large amounts of precipitation from Pacific storms that fall mainly as snow, and temperatures below freezing accompanied by winds, cloudiness, and lake and valley fog. Winter days can also bring cool, brilliantly clear days between storms. In the summer, the Lake Tahoe Air Basin experiences sunny, mild days, with daytime peaks in the upper 70s and low 80s ºF, with an occasional thunderstorm from southern flows of moisture. The principal impact of these conditions in terms of air quality is excess wintertime concentrations of CO in the more congested/populated areas of the basin, primarily near South Lake Tahoe, from vehicles and residential wood stoves and fireplaces. Some summer transport of ozone from the west is also known to occur but has not yet been officially recognized as a transport route by the CARB.

Regulatory Setting

The project area is within the jurisdictional boundaries of the El Dorado County Air Quality Management District (EDCAQMD), which has jurisdiction in the county and is one of seven air pollution control districts that make up the Mountain Counties Air Basin and one of four districts within the Lake Tahoe Air Basin. Primary sources of air pollution include local vehicle and equipment emissions, industrial emissions from nearby metropolitan areas, emissions associated with wildfire and wood-burning appliances, and dust particulates.

The air quality of a region is determined by the air pollutant emissions (quantities and type of pollutants measured by weight) and by ambient air quality (the concentration of pollutants within a specified volume

of air). Air pollutants are characterized as primary and secondary pollutants. Primary pollutants are those emitted directly into the air, for example CO, and can be traced to a single pollutant source. Secondary pollutants are those pollutants that form through chemical reactions in the atmosphere, for example ROG and NOx combine to form ground-level ozone, or smog. Emissions from the urbanized portions of the Mountain Counties and Lake Tahoe Air Basins (e.g., Placerville and South Lake Tahoe) affect air quality in the basin with on-road motor vehicles as the primary source of emissions in the metropolitan areas.

Criteria air pollutants are defined as pollutants for which the federal and state governments have established ambient air quality standards, or criteria, for outdoor concentrations to protect public health. Criteria air pollutants that are evaluated include volatile organic compounds (VOCs, also referred to as ROG), NOx, CO, sulfur oxides (SOx), particulate matter with an aerodynamic diameter less than or equal to 10 microns in size (PM_{10}), and particulate matter with an aerodynamic diameter less than or equal to 2.5 microns in size ($PM_{2.5}$). VOCs and NOx are important because they are precursors to ozone formation. Criteria air pollutant emissions from construction activities are typically associated with operation of off-road construction equipment, on-road hauling and vendor (material delivery) trucks, and worker vehicle trips. Operational emission sources for the routine maintenance projects would typically include mobile (vehicle) sources related to maintenance and operation, and area sources associated with use of consumer products, as well as energy use associated with facility operations (power generation).

Congress established much of the basic structure of the Clean Air Act in 1970 and made major revisions in 1977 and 1990. The Federal Clean Air Act established National Ambient Air Quality Standards (NAAQS). These standards are divided into primary and secondary standards. Primary standards are designed to protect public health and secondary standards are designed to protect other values. Because of the health-based criteria identified in setting the NAAQS, the air pollutants are termed "criteria" pollutants. California has adopted its own, more stringent, ambient air quality standards (CAAQS). The NAAQS and CAAQS are shown in **Table 2**. The attainment status of the Mountain Counties and Lake Tahoe Air Basins are presented in **Table 3** and **Table 4**, respectively.

Table 2. State and Federal Ambient Air Quality Standards

Pollutant	Averaging Time	State (CAAQS [A])	Federal (NAAQS [B])	
		Concentration [C]	Primary [C, D]	Secondary [C, E]
Ozone (O_3)	1-hour	0.09 ppm (180 µg/m^3)	--	Same as primary standard
	8-hour	0.070 ppm (137 µg/m^3)	0.070 ppm (137 µg/m^3)	
Nitrogen Dioxide (NO_2)	1-hour	0.18 ppm (339 µg/m^3)	0.100 ppm (188 µg/m^3)	Same as primary standard
	Annual	0.030 ppm (57 µg/m^3)	0.053 ppm (100 µg/m^3)	

Pollutant	Averaging Time	State (CAAQS [A])	Federal (NAAQS [B])	
		Concentration [C]	Primary [C, D]	Secondary [C, E]
Carbon Monoxide (CO)	1-hour	20 ppm (23 µg/m^3)	35 ppm (40 µg/m^3)	None
	8-hour	9 ppm (10 µg/m^3)	9 ppm (10 µg/m^3)	
Sulfur Dioxide (SO_2)	1-hour	0.25 ppm (655 µg/m^3)	0.075 ppm (196 µg/m^3)	--
	3-hour	--	--	0.5 ppm (1,300 µg/m^3)
	24-hour	0.04 ppm (105 µg/m^3)	0.14 ppm (for certain areas)	--
	Annual	--	0.030 ppm (for certain areas)	--
Particulate Matter (PM_{10})	24-hour	50 µg/m^3	150 µg/m^3	Same as primary standard
	Annual [H]	20 µg/m^3	--	
Fine Particulate Matter ($PM_{2.5}$)	24-hour	--	35 µg/m^3	Same as primary standard
	Annual [F]	12 µg/m^3	12 µg/m^3	15 µg/m^3
Lead [G]	30-day	1.5 µg/m^3	--	
	Calendar Quarter	--	1.5 µg/m^3 (for certain areas)	Same as primary standard
	Rolling 3-month average	--	0.15 µg/m^3	
Hydrogen Sulfide	1-hour	0.03 ppm (42 µg/m^3)	--	--
Vinyl Chloride	24-hour	0.01 ppm (26 µg/m^3)	--	--
Sulfates	24-hour	25 µg/m^3	--	--
Visibility-Reducing Particles	8-hour	See Note H	N/A	

Notes: ppm = parts per million; µg/m^3 = micrograms per cubic meter

[A] CAAQS = state ambient air quality standards (California). CAAQS for ozone, CO (except Lake Tahoe), SO_2 (1-hour and 24-hour), NO_2, PM, and visibility-reducing particles are values that are not to be exceeded. All other state standards shown are values not to be equaled or exceeded.

[B] NAAQS = national ambient air quality standards. NAAQS, other than ozone and particulates, and those based on annual averages or annual arithmetic means, are not to be exceeded more than once a year. The 8-hour ozone standard is attained when the 3-year average of the fourth highest daily concentration is 0.07 ppm or less. The 24-hour PM_{10} standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 µg/m^3 is equal to or less than one on average over a 3-year period. The 24-hour $PM_{2.5}$ standard is attained when the 3-year average of the 98th percentile is equal to or less than the standard.

[C] Concentration expressed first in units in which it was promulgated. Equivalent units given in parentheses are based on a reference temperature of 25°C and a reference pressure of 760 torr. Most measurements of air quality are to be corrected to a reference temperature of 25°C and a reference pressure of 760 torr; ppm (parts per million) in this table refers to ppm by volume, or micromoles of pollutant per mole of gas.

[D] National Primary Standards: The levels of air quality necessary, with an adequate margin of safety, to protect the public health.

[E] National Secondary Standards: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.

[F] In December 2012, the U.S. Environmental Protection Agency (U.S. EPA) strengthened the annual $PM_{2.5}$ NAAQS from 15 to 12 µg/m^3. In December 2014, the U.S. EPA issued final area designations for the 2012 primary annual $PM_{2.5}$ NAAQS. Areas designated "unclassifiable/attainment" must continue to take steps to prevent their air quality from deteriorating to unhealthy levels. The effective date of this standard is April 15, 2015.

[G] The CARB has identified lead and vinyl chloride as toxic air contaminants with no threshold level of exposure for adverse health effects determined. These actions allow for the implementation of control measures at levels below the ambient concentrations specified for these pollutants.

[H] Statewide visibility-reducing particle standard (except Lake Tahoe Air Basin): Particles in sufficient amount to produce an extinction coefficient of 0.23 per kilometer when the relative humidity is less than 70%. This standard is intended to limit the frequency and severity of visibility impairment due to regional haze and is equivalent to a 10-mile nominal visual range.

Table 3. Attainment Status for the El Dorado County Portion of the Mountain Counties Air Basin

Pollutant	National Designation	State Designation
Ozone	Nonattainment	Nonattainment
PM_{10}	Unclassified	Nonattainment
$PM_{2.5}$	Unclassified / Attainment	Attainment
CO	Unclassified / Attainment	Attainment
NO_2	Unclassified / Attainment	Attainment
SO_2	Unclassified	Attainment
Lead	Unclassified / Attainment	Attainment
Hydrogen Sulfide	N/A	Unclassified
Visibility Reducing Particles	NA	Unclassified

Table 4. Attainment Status for the El Dorado County Portion of the Lake Tahoe Air Basin

Pollutant	National Designation	State Designation
Ozone	Nonattainment	Nonattainment
PM_{10}	Unclassified	Nonattainment
$PM_{2.5}$	Unclassified / Attainment	Attainment
CO	Unclassified / Attainment	Attainment
NO_2	Unclassified / Attainment	Attainment
SO_2	Unclassified	Attainment
Lead	Unclassified / Attainment	Attainment
Hydrogen Sulfide	N/A	Unclassified
Visibility Reducing Particles	N/A	Unclassified

The EDCAQMD administers the state and federal Clean Air Acts in accordance with state and federal guidelines. The EDCAQMD regulates air quality through its district rules and permit authority. It also participates in planning review of discretionary project applications and provides recommendations. The EDCAQMD has adopted thresholds to address the significance of air quality impacts resulting from a project. These thresholds are identified in **Table 5**. According to the EDCAQMD, if ROG and NOx are

less than significant during construction, then exhaust CO and PM_{10} are also considered to be less than significant. During operation, if ROG and NOx are less than significant, then exhaust CO, nitrogen dioxide (NO_2), sulfur dioxide (SO_2), and PM_{10} would also be considered less than significant.

Table 5. EDCAQMD Threshold(s) of Significance

Pollutant	Thresholds (pounds per day)	
	Construction	Operational
ROG	82	82
NOx	82	82
PM_{10}	82	82

Source: EDCAQMD (2002).

Notes:

Construction Screening: If ROG and NOx are less than significant during construction, then exhaust CO and PM_{10} would also be less than significant.

Operational Screening: If ROG and NOx are less than significant during operation, then exhaust CO, NO_2, SO_2, and PM_{10} would also be less than significant.

Potential Environmental Effects

a) ***Less Than Significant Impact.*** A conflict with, or obstruction of, implementation of an air quality plan could occur if a project generates greater emissions than what has been projected for the site in the emission inventories of the air quality plan. Emission inventories are developed based on projected increases in population, employment, regional vehicle miles traveled (VMT), and associated area sources within the region. These metrics are based on regional projections that are, in turn, based on the General Plan Land Use and Zoning Designations for the region.

The Mountain Counties Air Basin is currently non-attainment for ozone (federal and state ambient standards) and PM_{10} (state ambient standard). While an air quality plan exists for ozone, none currently exists for particulate matter. The *Sacramento Regional 2008 National Ambient Air Quality Standards 8-Hour Ozone Attainment Plan and Reasonable Further Progress Plan* (Ozone Attainment Plan) was developed for application within the Sacramento region, including the El Dorado County portion of the Mountain Counties Air Basin (Sacramento Metropolitan Air Quality Management District [SMAQMD] 2017). If a project can demonstrate consistency with the Ozone Attainment Plan for ROG and NOx emissions, it would be determined that it would not have a significant cumulative impact with respect to ozone. Routine maintenance work within the El Dorado County portion of the Mountain Counties Air Basin is considered consistent with the Ozone Attainment Plan if such work is found to meet the following consistency criteria:

a) The project does not require a change in the existing land use designation (e.g., a general plan amendment or rezone), or projected emissions of ROG and NOx from a project are

equal to or less than the emissions anticipated for the site if development occurred under the existing land use designation;

b) The project does not exceed the "project alone" significance criteria;

c) The lead agency for the project requires the project to implement any applicable emission reduction measures contained in and/or derived from SMAQMD's Ozone Attainment Plan; and

d) The project complies with all applicable district rules and regulations

Continued implementation of the Department's routine maintenance work would generate emissions similar to existing conditions. The Department's proposed RMA with the CDFW includes no uses that would generate a long-term increase in population or VMT and does not propose land for development or require a change in land use designations applied to the project sites where routine maintenance work would occur and would not result in a long-term increase in population or VMT in the region. Furthermore, the proposed project would not directly induce substantial population growth in the area because the proposed RMA is not a development project and does not include new housing. Thus, the proposed project would not alter the growth assumptions used in the air pollution control plans for the Mountain Counties Air Basin, including the Ozone Attainment Plan. Therefore, the proposed project would not increase population, employment, regional VMT, or change land use or zoning. It would be consistent with the regional growth forecasts and would not conflict with or exceed the assumptions of the Ozone Attainment Plan.

Further, the project will comply regulations related to applicable EDCAQMD rules, including the following:

- **Rule 202 (Visible Emissions):** Requires that opacity emissions from any emission source not exceed 20% for more than 3 minutes in any 1 hour.
- **Rule 205 (Nuisance):** Prohibits the discharge of air containments that cause injury, detriment, nuisance, or annoyance.
- **Rule 207 (Particulate Matter):** Limits the discharge into the atmosphere from any source particulate matter emissions in excess of 0.1 grains per cubic foot of gas at EDCAQMD standard conditions.
- **Rule 217 (Cutback and Emulsified Asphalt Paving Materials)**. Prohibits the use of the following asphalt materials for road paving: rapid cure cutback asphalt; slow cure cutback asphalt; medium cure cutback asphalt; or emulsified asphalt.
- **Rule 218-**Application of Architectural Coatings. Requires architectural coatings to meet various volatile organic compound (VOC) content limits.

- **Rule 224-Aggregate Containing Asbestos:** Limits the use of aggregate containing asbestos in any application or use except as provided in the Rule.
- **Rule 228-Fugitive Dust:**
    - Visible emissions are not allowed beyond the project boundary line.
    - Visible emissions may not have opacity of greater than 40% at any time.
    - Trackout must be minimized from paved public roadways.
- **Rule 233 (Stationary Internal Combustion Engines):** Limits emissions of NOx and CO from stationary internal combustion engines. (This rule applies to any stationary internal combustion engine rated at more than 50 brake horsepower, operated on any gaseous fuel or liquid fuel, including liquid petroleum gas (LPG), gasoline, or diesel fuel.)

The Sacramento Valley Air Basin is in nonattainment status for both federal and state ozone standards and the state PM_{10} standard. Construction activities would result in short-term increases in emissions from the use of heavy equipment that generate dust, exhaust, and tire-wear emissions and from paints and coatings.

Ozone is not emitted directly into the environment but is generated from complex chemical reactions between ROG, or non-methane hydrocarbons, and NOx that occur in the presence of sunlight. The primary sources of ROG and NOx in El Dorado County include motor vehicles, other transportation sources, and stationary/area sources (industrial, manufacturing and commercial facilities).

PM_{10}, or particulate matter, is a complex mixture of primary or directly emitted particles, and secondary particles or aerosol droplets formed in the atmosphere by precursor chemicals. The primary sources of fugitive dust are construction dust, unpaved road dust, and paved road dust.

Routine maintenance work would result in temporary incremental increases in air pollutants, such as ozone precursors and particulate matter, due to operation of gas- and diesel-powered equipment and minor land disturbance. These proposed maintenance activities are ongoing operations and would be periodic in nature and are not anticipated to generate large amounts of dust or particulates. All routine maintenance work would follow the EDCAQMD rules and would implement all appropriate air quality BMPs, including minimizing equipment idling time and use of water or similar chemical palliative to control fugitive dust. Project impacts would be considered less than significant.

b) ***Less Than Significant Impact.*** The proposed project would not generate additional motorized vehicle traffic. The County would continue to operate the motor vehicle fleet to complete the maintenance activities consistent with existing conditions. No increase in operational emissions would result from the implementation of the proposed project. The proposed project would not

violate any air quality standard or contribute substantially to an existing or projected air quality violation. Project impacts would be considered less than significant.

c) ***Less Than Significant Impact.*** Sensitive receptors, including facilities that generally house people, schools, hospitals, residences, etc., are adjacent to areas served under the RMA. Routine maintenance work would result in temporary incremental increases in air pollutants, such as ozone precursors and particulate matter due to operation of gas- and diesel-powered equipment and minor land disturbance. The routine maintenance work is part of the Department's ongoing operations, is periodic in nature, and is not anticipated to generate large amounts of dust or particulates in any particular area. All routine maintenance work would follow the EDCAQMD rules and would implement all appropriate air quality BMPs, including minimizing equipment idling time and use of water or similar chemical palliative to control fugitive dust. Project impacts would be considered less than significant due to the limited nature of the proposed project and short-term construction period.

d) ***Less Than Significant Impact.*** Routine maintenance work would involve the use of construction equipment that generates distinctive odors. Offensive odors do not typically lead to physical harm and thus are not controlled by federal or state air quality regulations. However, the EDCAQMD does not enforce Rule 205, which addresses "discharges of emissions that cause injury, detriment, nuisance or annoyance to any considerable number of persons…" and this can include odors. The impacts of project-generated odors would be considered less than significant because of the short-term nature of such emissions and existing regulations (Rule 205).

4.2.4 Biological Resources

Would the project:	*Potentially Significant Impact*	*Less than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	☐	☒	☐	☐
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or US Fish and Wildlife Service?	☐	☒	☐	☐

Would the project:	*Potentially Significant Impact*	*Less than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
c) Have a substantial adverse effect on state or federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	☐	☒	☐	☐
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	☐	☐	☒	☐
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	☐	☐	☒	☐
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	☐	☐	☐	☒

Environmental Setting

The project area is located entirely within El Dorado County in the north central region of California's Sierra Nevada range. Project area vegetation at the lower elevations is characterized by the transition from foothill annual grassland and mixed chaparral to mixed conifer forest and granite peaks at the higher elevations, with east–west- and north–south-trending river and creek drainage basins, including the Lake Tahoe Basin on the eastern slope. Surrounding land uses include residential, commercial, government, recreational, and industrial sites along county roadway corridors in the unincorporated portions of the county as well as agricultural production (i.e., vineyards and cattle grazing), timber harvest, and recreation in El Dorado National Forest among other federal, state, and locally designated park, recreation, and open space resource areas. The elevation gradient in El Dorado County is approximately 195 to 10,880 feet amsl and habitat is on both the eastern and western sides of the Sierra Nevada range. Due to the extent of the elevation range, the RMA service area covers a wide variety of habitat and is divided into three regions.

The Tahoe Basin service area occurs in alpine and subalpine habitats. Conifer species that define subalpine forests of the Sierra Nevada near Lake Tahoe include whitebark pine (*Pinus albicaulis*), foxtail pine (*P. balfouriana*), limber pine (*P. flexilis*), bristlecone pine (*P. longaeva*), western white pine

(*P. monticola*), lodgepole pine (*P. contorta*), and mountain hemlock (*Tsuga mertensiana*). Other common conifer species dominate subalpine forests and include red fir (*Abies magnifica*), Sierra juniper (*Juniperus occidentalis*) and Jeffrey pine (*Pinus jeffreyi*) at lower elevations (Meyer 2013). To the east and south of Lake Tahoe, sagebrush, pinyon pine (*P. monophylla*), and juniper dominate the landscape into Nevada (USFS 2014).

The West Side of the Tahoe Basin (above 3,500 feet) service area also occurs in some subalpine habitats and includes lower and upper montane habitats. As elevation decreases on the west slope, subalpine habitats are replaced with montane habitats, encompassing mixed conifer, yellow pine (*Pinus echinata)*, and mixed hardwood forests. red fir (*Abies magnifica)*, Jeffrey pine (*P. jeffreyi)*, and lodgepole pine (*P. contorta)* forests, meadows, and chaparral comprise the upper montane vegetation (USFS 2014).

The West Side (3,500 feet and below) service area occurs primarily in foothill woodland and chaparral habitat. The lowest elevations of the biological study area (BSA) are comprised of chaparral, blue oak (*Quercus douglasii*) savannahs, live oak (*Q. agrifolia*) woodlands and forests, riparian along rivers and streams, seeps, and scattered gray pine (*P. sabiniana*) or occasional patches of knobcone pine (*P. attenuata*). The foothills are the most altered, fragmented from human development, and generally lower in elevation than the western boundary of the Eldorado National Forest (USFS 2014).

Potential impacts to biological and wetlands resources were evaluated in the project's biological assessment (SWCA Environmental Consultants 2022; Appendix E). The biological assessment documents and evaluates the proposed project's potential impacts to biological resources and is incorporated here by reference. The biological assessment contains in-depth information regarding biological resources in the county.

Potential Environmental Effects

a) ***Less Than Significant Impact with Mitigation Incorporated.*** The project has the potential to impact special-status species in El Dorado County. Species summaries below provide a brief account of the species and their potential to occur within the BSA. Given the relatively large geographic extent of the project (El Dorado County), there is the possibility of impact to numerous special-status species. Mitigation measures applicable to each species are listed at the end of this section. Implementation of mitigation measures BIO-1 through BIO-9 would reduce potentially significant impacts to special-status species to less than significant.

Special-Status Animals

American Badgers. American badgers (*Taxidea taxus*) are permanent residents throughout most of California. Suitable habitat includes dry friable soils, shrubs, and herbaceous habitats. Indiscriminate trapping and persistent poisons used for predator control appear to have caused minimal recorded occurrences. One occurrence has been documented in Echo Lake where

suitable habitat is present. Implementation of Mitigation Measure BIO-1 would reduce potential impacts to American badger to less-than-significant levels.

American Peregrine Falcon. The American peregrine falcon (*Falco peregrinus*) is found in riparian areas, inland wetlands, and coastal yearlong habitats. Yearlong residency has been observed in northern California. One occurrence was recorded in the BSA, with its exact location suppressed. Implementation of Mitigation Measures BIO-1 and BIO-6 would reduce potential impacts to less-than-significant levels.

Bald Eagle. The bald eagle (*Haliaeetus leucocephalus*) is a permanent resident in northern California. Breeding is mostly restricted to Butte, Lake, Lassen, Modoc, Plumas, Shasta, Siskiyou, and Trinity Counties and about half of the wintering population is in the Klamath Basin. Bald eagles are more common at lower elevations and are not typical in the high elevations of the Sierra Nevada. Habitat is abundant in the BSA, and nesting sites have been recorded near Emerald Bay and Robbs Peak. Occurrences have also been recorded near Meeks Bay, Pilot Hill, and Clarksville. Implementation of Mitigation Measures BIO-1 and BIO-6 would reduce potential impacts to less-than-significant levels.

Bank Swallow. Bank swallows (*Riparia riparia*) are neotropical migrants found primarily in riparian and other lowland habitats during spring–fall periods. Populations are often found in riparian, lacustrine, and coastal areas during summer months. Suitable habitat includes shoreline vegetation, cliffs, and riverbanks. Implementation of Mitigation Measures BIO-1 and BIO-6 would reduce potential impacts to less-than-significant levels.

Burrowing Owl. Burrowing owl (*Athene cunicularia*) occur in a variety of habitats including dry grassland, desert habitats, grass, forb, open shrub stages of pinyon-juniper and ponderosa pine habitats. No occurrences for the burrowing owl have been recorded in the California Natural Diversity Database (CNDDB) for the BSA. Implementation of Mitigation Measures BIO-1, BIO-6, and BIO-7 would reduce potential impacts to less-than-significant levels.

California Black Rail. The California black rail (*Laterallus jamaicensis* ssp. *coturniculus*) is a year-round resident of emergent wetlands around coastal and inland areas of central and southern California. Habitats include vegetated areas of wetlands with shallow water. One occurrence of this species has been recorded in the BSA near the community of Clarksville in a residential area. Implementation of Mitigation Measures BIO-1 and BIO-6 would reduce potential impacts to less-than-significant levels.

California Red-Legged Frog. California red-legged frog (CRLF) (*Rana draytonii*) habitat combines both specific aquatic and terrestrial components and includes nearly any area within 1 to 2 miles of a breeding site that stays moist and cool through the summer. They have been found up to 100 feet from water in adjacent dense riparian vegetation (USFWS 2017). CRLF critical habitat in the BSA is south and adjacent to US 50 between Camino and Pollock Pines, just north

of Sly Park (USFWS 2021). Six occurrences have been recorded within the BSA: two in Georgetown and one each in Sly Park, Caldor, Clarksville, and Fiddletown. Implementation of Mitigation Measures BIO-1 and BIO-4 would reduce potential impacts to less-than-significant levels.

California Tiger-Salamander. California tiger-salamanders (CTS) (*Ambystoma californiense*) are found in annual grassland habitat, in the grassy understory of valley-foothill hardwood habitats, and along stream courses in valley-foothill riparian habitats. Seasonal ponds and vernal pools are crucial for breeding. No occurrences of CTS have been recorded within the BSA. Implementation of Mitigation Measures BIO-1 and BIO-4 would reduce potential impacts to less-than-significant levels.

California Wolverine. Potential habitat for the California wolverine (*Gulo gulo*) includes wet meadows, montane riparian habitats, dense forests, and rock outcrops. Five occurrences have been recorded within the BSA including two near Pyramid Peak, one each near Clarksville, Emerald Bay, and Echo Lake. Implementation of Mitigation Measure BIO-1 would reduce potential impacts to less-than-significant levels.

Coast Horned Lizard. Suitable habitat for the coast horned lizard (*Phrynosoma blainvillii*) includes open areas of sandy soil, low vegetation in valleys, foothills, and semiarid mountains. Grasslands, coniferous forests, woodlands, and chaparral are considered potential habitats. Four occurrences of the coast horned lizard have been recorded within the BSA: three near Cameron Park and one at the Pine Hill State Ecological Reserve. Implementation of Mitigation Measures BIO-1 and BIO-4 would reduce potential impacts to less-than-significant levels.

Fisher West Coast Distinct Population Segment. Suitable habitat for the fisher (*Pekania pennanti*) west coast Distinct Population Segment (DPS) includes large-tree stages of coniferous forests, large trees, snags, logs, rock areas, and deciduous-riparian habitats with a large canopy closure. Four occurrences have been recorded in the BSA: one near Freel Peak (about 4 miles south of Meyers), one near Meeks Bay, one near Devil Peak (about 10.2 miles east of Quintette), and one near Placerville. Implementation of Mitigation Measure BIO-1 would reduce potential impacts to less-than-significant levels.

Foothill Yellow-Legged Frog. Foothill yellow-legged frog (FYLF) (*Rana boylii*) habitat in the BSA is in rocky streams that include wet meadows, mixed conifer, Ponderosa pine, and valley-foothill hardwood conifer forest. Potential habitat, along with plant life and streams, have been identified within the BSA. Five occurrences have been recorded: one each in Leek Spring Hill, Aukum, and Old Iron Mountain and two in Sly Park. Implementation of Mitigation Measures BIO-1 and BIO-4 would reduce potential impacts to less-than-significant levels.

Giant Gartersnake. Giant gartersnakes (*Thamnophis gigas*) inhabit surface waters and wetlands, including irrigated agricultural fields, canals, sloughs, ponds, streams, and adjacent uplands in

California's Central Valley. No occurrences for the giant gartersnake have been recorded for the BSA. Implementation of Mitigation Measures BIO-1 and BIO-4 would reduce potential impacts to less-than-significant levels.

Golden Eagle. Golden eagles (*Aquila chrysaetos*) are both year-round residents and migratory throughout California and will use forest, cave, shrubland, grassland, and oak woodland habitats. Three occurrences have been documented within the BSA: two around the community of Clarksville and one near the community of Strawberry. Implementation of Mitigation Measures BIO-1 and BIO-6 would reduce potential impacts to less-than-significant levels.

Grasshopper Sparrow. Grasshopper sparrows (*Ammodramus savannarum*), a migratory species, are summer residents in central and coastal California. Habitat preferences for this species include grasslands with scattered shrubs, grassland-like agricultural areas, and the ecotone between grasslands and sage scrublands (Shuford and Gardali 2008). No occurrences for the grasshopper sparrow have been recorded in the CNDDB for the BSA. Implementation of Mitigation Measures BIO-1 and BIO-6 would reduce potential impacts to less-than-significant levels.

Great Gray Owl. In California, great gray owls (*Strix nebulosa*) inhabit the Sierra Nevada mountain range in dense coniferous forest areas with adjacent wet meadows from 4,500 to 7,500 feet amsl. Five occurrences have been reported within El Dorado County. Four locations were suppressed (likely due to rapid decline of the species) and the other has been recorded in the southwest edge of Leoni Meadow along Clear Creek in Eldorado National Forest. Implementation of Mitigation Measures BIO-1 and BIO-6 would reduce potential impacts to less-than-significant levels.

Lahontan Cutthroat Trout. In California, Lahontan cutthroat trouts (*Oncorhynchus clarkii henshawi*) occupy cold, high-elevation mountain streams and lakes. Most current populations exist from conservation and reintroduction efforts (CDFW 2021). There have been two occurrences within the BSA: one in Taylor Creek and one around the Caples Lake watershed. Implementation of Mitigation Measure BIO-1 would reduce potential impacts to less-than-significant levels.

Lahontan Lake Tui Chub. The Lahontan Lake tui chubs (*Siphateles bicolor pectinifer*) are endemic to the Lahontan Basin in California and Nevada. In the BSA, the species occurs in Lake Tahoe where it utilizes a gradient of water depths and spawns around algal beds (NatureServe 2021). There has been one occurrence of this species within the BSA in the Meeks Bay area of Lake Tahoe. Implementation of Mitigation Measure BIO-1 would reduce potential impacts to less-than-significant levels.

Long-Eared Owl. Suitable habitat for long-eared owls (*Asio otus*) consists of riparian habitat, live oak groves, and other areas with dense tree cover throughout California. One occurrence of this species has been recorded within the BSA south of Camp Richardson near Sawmill Pond.

Implementation of Mitigation Measures BIO-1 and BIO-6 would reduce potential impacts to less-than-significant levels.

Midvalley Fairy Shrimp. Midvalley fairy shrimps (*Branchinecta mesovallensis*) are endemic to vernal pool habitats around California's Central Valley (USFWS 2005). No occurrences of this species have been recorded in the CNDDB for the BSA. Implementation of Mitigation Measures BIO-1 and BIO-2 would reduce potential impacts to less-than-significant levels.

Mountain Sucker. In California, mountain suckers (*Catostomus platyrhynchus*) occur in mountain streams, rivers, and lakes and are present in the Sierra Nevada mountain range (California Fish Website 2021a). Three occurrences of this species have been documented within the BSA in Tallac Creek, Taylor Creek, and the Upper Truckee River, all of which are tributaries to Lake Tahoe. Implementation of Mitigation Measure BIO-1 would reduce potential impacts to less-than-significant levels.

Mountain Whitefish. In California, mountain whitefish (*Prosopium williamsoni*) occur around Lake Tahoe in lake and stream habitats with water depths greater than 1 meter (California Fish Website 2021b). Five occurrences of mountain whitefish have been documented in the BSA: one each in Lake Tahoe, Fallen Leaf Lake, General Creek, Taylor Creek, and the Upper Truckee River. Implementation of Mitigation Measure BIO-1 would reduce potential impacts to less-than-significant levels.

Northern Goshawk. Northern goshawks (*Accipiter gentilisis*) are year-round residents in northern and eastern California and may use mature coniferous forests, mature aspen stands, and aspen shrub-steppe habitats for nesting and foraging (Shuford and Gardali 2008). Nine occurrences were documented within the BSA at Baltic Ridge south of Kyburz, Trout Creek, the Tahoe Valley Campground, Angora Creek, One Eye Creek, Stumpy Meadows Lake, near Farnham Ridge northeast of Jackson, southwest of Kyburz along the American River, and Lily Pond in Sugar Pine Point State Park. Implementation of Mitigation Measures BIO-1 and BIO-6 would reduce potential impacts to less-than-significant levels.

Northern Leopard Frog. Northern leopard frog (*Lithobates pipiens*) populations occur in quiet, permanent, and semi-permanent water sources with aquatic vegetation cover in a variety of habitats from sea level to 7,000 feet amsl. Distribution of the species in California is scattered and some populations may be introduced. CNDDB has recorded four occurrences of this species in the BSA: one each at Fallen Leaf Lake, Camp Richardson, Taylor Creek, and Trout Creek and Cold Creek junction. Implementation of Mitigation Measures BIO-1, BIO-4, and BIO-5 would reduce potential impacts to less-than-significant levels.

Northern Harrier. Northern harriers (*Circus hudsonius*) use meadows, grasslands, open rangelands, and wetlands throughout California from sea level to 5,700 feet amsl and may be migratory or year-round residents depending on suitable habitat. No occurrences for the northern

harrier have been recorded in the BSA. Implementation of Mitigation Measures BIO-1 and BIO-6 would reduce potential impacts to less-than-significant levels.

Pallid Bat. Pallid bats (*Antrozous pallidus*) are year-round residents in low-elevation grassland, shrubland, woodland, and forest vegetation communities with open, dry, and rocky roosting areas. There are four documented occurrences of the species within the BSA: near Martin Creek, near Silver Fork Campground, near Mahon Camp, and at the SR 49 bridge over the American River in Coloma. Implementation of Mitigation Measures BIO-1 and BIO-9 would reduce potential impacts to less-than-significant levels.

Purple Martin. Purple martins (*Progne subis*) are rare summer residents in coastal and interior California in low-elevation grassland, valley foothill, woodland, and riparian habitats. No occurrences for the purple martin have been recorded in the CNDDB for the BSA. Implementation of Mitigation Measures BIO-1 and BIO-6 would reduce potential impacts to less-than-significant levels.

Sierra Nevada Mountain Beaver. Sierra Nevada mountain beavers (*Aplodontia rufa californica*) occur in montane riparian habitats. There are many occurrences within the BSA, including 28 occurrences in Robbs Peak, seven occurrences in Kyburz, four occurrences in Riverton, three in Emerald Bay, two in Echo Lake, one in Loon Lake, one in Pollock Pines, and one in Homewood. Implementation of Mitigation Measure BIO-1 would reduce potential impacts to less-than-significant levels.

Sierra Nevada Red Fox. Sierra Nevada red foxes (*Vulpes vulpes necator*) occur in high-elevation open conifer woodlands and mountain meadows in the Sierra Nevada and Cascade mountain ranges (Sierra Nevada Red Fox Interagency Working Group 2010). There are four documented occurrences of this species in the BSA: one at the Ice House Resort north of Kyburz, one near Loon Lake Dam, one near Cook's Station on SR 88, and one north of Oxbow Reservoir. Implementation of Mitigation Measure BIO-1 would reduce potential impacts to less-than-significant levels.

Sierra Nevada Snowshoe Hare. Sierra Nevada snowshoe hares (*Lepus americanus tahoensis*) inhabit mid- to high-elevation vegetation communities which provide cover for their elusive behavior, such as deciduous riparian areas, forest undergrowth, conifer thickets, and buckbrush and manzanita shrublands (Collins 1998). Two occurrences of this species were recorded within the BSA: one each at Echo Lake and Rubicon Bay. Implementation of Mitigation Measure BIO-1 would reduce potential impacts to less-than-significant levels.

Sierra Nevada Yellow-Legged Frog. Sierra Nevada yellow-legged frogs (SNYLF) (*Rana sierrae*) require surface water sources, such as lakes, ponds, and streams, and may occur in wet meadow and coniferous forest vegetation communities from 4,500 to 12,000 feet amsl (USFWS 2016). Two areas of SNYLF critical habitat occur in the BSA (USFWS 2021). One area is located

north of US 50, bounded by the community of Twin Bridges to the south, spanning east-to-west between Stony Ridge Lake and Loon Lake, and abutting the Placer County line to the north. The other is located along the El Dorado County and Alpine County lines along SR 88 spanning east-to-west between Caples Creek and Lower Bear Reservoir and north to Silver Lake. More than 50 occurrences of this species have been recorded in the BSA. There were 14 occurrences in Rockbound Valley; 11 at Pyramid Peak; six at Echo Lake; five at Tragedy Spring; three at Caples Lake; two each at Leek Spring Hill, Peddler Hill, Loon Lake, and Freel Peak; and one each at Emerald Bay, Woodfords, Riverton, Old Iron Mountain, and Wentworth Springs. Implementation of Mitigation Measures BIO-1, BIO-4, and BIO-5 would reduce potential impacts to less-than-significant levels.

Southern Long-Toed Salamander. Suitable habitat for southern long-toed salamanders (*Ambystoma macrodactylum sigillatum*) include high-elevation coniferous forests and meadows near ponds, springs, and lakes. Adults of the species live underground in tunnels made by burrowing mammals or under rock or log cover and lay eggs in waterbodies where larvae will develop. Over 80 occurrences of this species were documented within the BSA, including 25 in Rockbound Valley, 14 at Echo Lake, eight at Tragedy Spring, nine each at Caples Lake and Pyramid Peak, seven at Loon Lake, four at Freel Peak, three at Emerald Bay, two in Homewood, and one each in Meeks Bay, at Robbs Peak, in South Lake Tahoe, in Kyburz, at Leek Spring Hill, and at Bear River Reservoir. Implementation of Mitigation Measures BIO-1 and BIO-5 would reduce potential impacts to less-than-significant levels.

Steelhead - Central Valley DPS. Central Valley DPS steelhead (*Oncorhynchus mykiss irideus*) spend their breeding season in cool temperature freshwater rivers, creeks, and inland lakes along the west coast before migrating to their non-breeding habitat in the Pacific Ocean. There was one recorded species occurrence in Amador County in the Consumnes River, which originates in the BSA. Implementation of Mitigation Measure BIO-1 would reduce potential impacts to less-than-significant levels.

Swainson's Hawk. Swainson's hawks (*Buteo swainsoni*) are migratory residents around central and eastern California where they occur in grasslands and agricultural fields. Breeding pairs are now uncommon in California due to loss of breeding habitat, which is composed of juniper-sage flats, oak savannahs, and riparian areas. No occurrences of this species were recorded within the BSA. Implementation of Mitigation Measures BIO-1 and BIO-6 would reduce potential impacts to less-than-significant levels.

Townsend's Big-Eared Bat. Townsend's big-eared bats (*Corynorhinus townsendii*) occur throughout California, most commonly in mesic habitats, but may use any habitat type apart from alpine and subalpine areas. Suitable habitats include caves, mines, tunnels, buildings, or other structures for roosting. Two occurrences of this species have been recorded in the BSA: one near

Bald Mountain Peak by Quintette and one east of Auburn. Implementation of Mitigation Measures BIO-1 and BIO-9 would reduce potential impacts to less-than-significant levels.

Tricolored Blackbird. Tricolored blackbirds (*Agelaius tricolor*) breed in coastal and inland emergent wetlands and forage in grassland and cropland habitat in California. Seven occurrences have been recorded in the BSA: one near Garden Valley, one near Pilot Hill, two near Clarksville, and three near Folsom. One population occurrence near Clarksville, an estimated 500 birds in a nesting colony observed in 1987, is presumed to be extirpated due to pond removal for development. Implementation of Mitigation Measures BIO-1 and BIO-6 would reduce potential impacts to less-than-significant levels.

Valley Elderberry Longhorn Beetle. Valley elderberry longhorn beetles (VELB) (*Desmocerus californicus dimorphus*) is endemic to the Sacramento and San Joaquin River basins in central California. Two occurrences of this species are documented within the BSA near Folsom Lake. Implementation of Mitigation Measures BIO-1 and BIO-3 would reduce potential impacts to less-than-significant levels.

Vernal Pool Fairy Shrimp. Vernal pool fairy shrimps (VPFS) (*Branchinecta lynchi*) occur in vernal pools in central and southern California. The shrimps inhabit a variety of vernal pool types, including rock and grassland pools, and may travel between pools when there is hydrologic connectivity (USFWS 2005). One occurrence has been recorded within the BSA near Folsom Lake. Implementation of Mitigation Measures BIO-1 and BIO-2 would reduce potential impacts to less-than-significant levels.

Vernal Pool Tadpole Shrimp. Vernal pool tadpole shrimps (VPTS) (*Lepidurus packardi*) inhabit vernal pools and other ephemeral waterbodies in the Central Valley and San Francisco Bay regions of California. No vernal pool tadpole shrimp occurrences were recorded within the BSA. Implementation of Mitigation Measures BIO-1 and BIO-2 would reduce potential impacts to less-than-significant levels.

Western Pond Turtle. Western pond turtles (WPT) (*Emys marmorata*) occur in permanent or semi-permanent waterbodies throughout most of California from sea level to 4,700 feet amsl. Several occurrences of this species were recorded within the BSA: four in Placerville, two each in Folsom and Garden Valley, and one each in Camino, Clarksville, Greenwood, and Sly Park. Implementation of Mitigation Measures BIO-1 and BIO-4 would reduce potential impacts to less-than-significant levels.

Western Spadefoot. Western spadefoots (*Spea hammondii*) range throughout coastal and central California up to 4,500 feet amsl in grassland and occasionally woodland and agricultural habitats with temporary water sources for breeding ponds. One occurrence of this species has been recorded in the BSA near the Mormon Island Dam at Folsom Lake. Implementation of Mitigation Measures BIO-1 and BIO-4 would reduce potential impacts to less-than-significant levels.

Western White-tailed Jackrabbit. Minimal information was found for the western white-tailed jackrabbit (*Lepus townsendii townsendii*), so the information presented here is for the white-tailed jackrabbit (*Lepus townsendii*). The white-tailed jackrabbit occurs throughout the eastern slope of the Sierra Nevada from the Oregon border to Inyo County in southeast California. No occurrences for the western white-tailed jackrabbit have been recorded in the CNDDB for the BSA. Implementation of Mitigation Measure BIO-1 would reduce potential impacts to less-than-significant levels.

White-Tailed Kite. White-tailed kite (*Elanus leucurus*) populations are year-round residents in coastal and central California. Foraging habitat includes grasslands, meadows, and wetlands near agricultural areas and nests are placed in willows, oaks, or other trees up to 100 feet high. One occurrence of this species was recorded in the BSA near the community of El Dorado Hills. Implementation of Mitigation Measures BIO-1 and BIO-6 would reduce potential impacts to less-than-significant levels.

Willow Flycatcher. Willow flycatchers (*Empidonax traillii*), a neotropical migrant species, are seasonal residents throughout California in riparian habitats with dense willow thickets, which are used for nesting and roosting. Five occurrences of this species were documented in the BSA at Silver Lake, Tallac Creek, Trout Creek, and Upper Truckee River and near Pyramid Peak in the Eldorado National Forest. Implementation of Mitigation Measures BIO-1 and BIO-6 would reduce potential impacts to less-than-significant levels.

Yellow Warbler. Yellow warblers (*Setophaga petechia*) are a neotropical migrant that breeds and migrates throughout California. Migratory habitat includes woodlands and forests. No occurrences for the yellow warbler have been recorded in the CNDDB for the BSA. Implementation of Mitigation Measures BIO-1 and BIO 6 would reduce potential impacts to less-than-significant levels.

Yellow-Headed Blackbird. Yellow-headed blackbirds (*Xanthocephalus xanthocephalus*) may be long-distant or local migrants around California during the breeding and migration seasons. In the BSA, one occurrence of this species has been recorded in Truckee Marsh near South Lake Tahoe. Implementation of Mitigation Measures BIO-1 and BIO-6 would reduce potential impacts to less-than-significant levels.

Yosemite Toad. Yosemite toads (*Anaxyrus canorus*) are endemic to the Sierra Nevada mountain range in Alpine, El Dorado, and Fresno Counties in California from around 5,000 to 12,000 feet in elevation. The toads inhabit moist areas of meadows and forest edges and reproduce in streams, lakes, and ephemeral pools. Individuals will shelter in rodent burrows and dense vegetation (NatureServe 2021). No occurrences of the Yosemite toad have been recorded in the CNDDB for the BSA. Implementation of Mitigation Measures BIO-1 and BIO-5 would reduce potential impacts to less-than-significant levels.

Special-Status Plants

The CNDDB records of plants ranked 1 and 2 by the California Native Plant Society (CNPS) were assessed within the BSA. Rare plants occur in a variety of elevations and vegetation communities within El Dorado County; thus, CNPS ranked plants have the potential to occur in all BSA service areas. The following plants could occur in the County: El Dorado bedstraw (*Galium californicum* ssp. *sierrae*), Ione buckwheat (*Eriogonum apricum* var. *apricum*), Ione manzanita (*Arctostaphylos myrtifolia*), Irish Hill buckwheat (*Eriogonum apricum* var. *prostratum*), Layne's ragwort (*Packera layneae*), Pine Hill ceanothus (*Ceanothus roderickii*), Pine Hill flannelbush (*Fremontodendron decumbens*), Sacramento Orcutt grass (*Orcuttia viscida*), slender Orcutt grass (*Orcuttia tenuis*), Stebbins' morning-glory (*Calystegia stebbinsii*), and Tahoe yellow cress (*Rorippa subumbellata*).

The project has the potential to impact these plant species throughout El Dorado County. Implementation of Mitigation Measures BIO-1 and BIO-8 would reduce potential impacts to special-status plant species to less-than-significant levels.

Mitigation Measure BIO-1 – Worker Awareness Training

Worker Awareness Training

The Department will provide training to all persons working on the project site prior to performing any work. The qualified biologist or biological monitor will discuss the biology and habitat of species with potential to occur at the work site. Color photos of the species at issue will be provided during the training. Training will include locations of habitat for special-status species and discussion of legal protections for those species. Interpretation will be provided for non-English speaking workers. New workers will receive the same training prior to working on-site. All workers will sign a form stating they attended the training and understand the protective measures.

Surveys

The Department will conduct either desktop or field habitat assessments on a project-by-project basis as exact work areas are determined. If suitable habitat for special-status species is present, additional, species-specific measures will be implemented. Surveys for special-status species and habitats will be conducted by a qualified biologist. The biologist will have academic training in biological sciences and experience conducting surveys for each special-status species that may be present in the work area. The biologist will have professional experience and knowledge in special-status species identification, ecology, and habitat requirements. Results of the surveys will be provided to the CDFW.

Monitoring

If special-status species or their habitat are present in the project area, as determined by a biologist, the Department will obtain a biological monitor to ensure impacts to special-status species are avoided or minimized. The biological monitor will be authorized to stop work, if necessary, to protect special-status species or habitats. The CDFW will be notified of all work stoppages or occurrences of special-status species during monitoring. If relocation of special-

status species is determined to be necessary, the Department shall ensure that the qualified biologist has the necessary handling permits and shall demonstrate compliance with CESA.

Mitigation Measure BIO-2 – Vernal Pool Habitat Avoidance

Prior to submission of a Verification Request Form (VRF) to the CDFW, site-level assessments will be conducted and projects will be designed to avoid habitat for vernal pool crustaceans to the maximum extent practicable. Vernal pools occur in the BSA at very low density up to approximately 2,800 feet and one occurrence of vernal pool fairy shrimp (VPFS) is documented near Green Valley Road, southeast of Folsom Lake (Holland 2009).

1. West of South Shingle Road to the Sacramento County line
2. South of US 50 and east of SR 49
    a. Pleasant Valley Road
    b. Fairplay Road
    c. Coyote Ridge Road
3. North of US 50
    a. Serrano Country Club near El Dorado Hills
    b. SR 49 at Pilot Hill

If work activities must occur within 50 feet of vernal pool crustacean habitat, then a buffer of visible orange fencing will be installed around the sensitive habitat. No personnel or equipment will be allowed beyond the fencing.

Mitigation Measure BIO-3 – Valley Elderberry Longhorn Beetle (VELB)

Prior to submission of a Verification Request Form (VRF), surveys for elderberry shrubs will be conducted in the proposed work area if work will occur in the known range of valley elderberry longhorn beetle (VELB) in the BSA. The VELB range in the BSA is primarily west of SR 49 and below 500 feet in elevation (USFWS 2016, 2017). If surveys are required, they will be conducted by a qualified biologist familiar with the appearance of VELB exit holes in elderberry shrubs. Elderberry shrubs will be avoided to the maximum extent practicable. For elderberry shrubs identified within the work area that cannot be avoided, the following measures will be implemented:

- USFWS approval will be obtained for work within 100 feet of elderberry shrubs.
- Buffers using stakes and flagging will provide a minimum setback of 20 feet from the dripline of each elderberry plant.
- Contractors and work crews will be briefed on the status of VELB, buffers, the need to protect elderberry host plants, and possible penalties for damaging elderberry plants.
- If elderberry shrubs are determined to have no stems greater than 1-inch diameter at ground level or are absent of VELB exit holes, then trimming/ removal is allowed following USFWS Guidelines (USFWS 1999).

Mitigation Measure BIO-4 – Amphibians and Reptiles Below 5,000 Feet

In the BSA, California red-legged frog (CRLF), foothill yellow-legged frog (FYLF), and western pond turtle (WPT) are not expected to occur above 5,000 feet elevation. If possible, work activities below 5,000 feet will be conducted between 1 July and 15 October. A

qualified wildlife biologist will conduct a preconstruction survey within 48 hours of the commencement of work activities for CRLF, FYLF, and WPT where suitable habitat and potential for these species exist near each work area. The survey will include all potential habitat within the proposed work area and 50 feet upstream and downstream. If the biologist discovers any life stage of CRLF, FYLF, or WPT, a biological monitor will be contracted to monitor work so that these species are not harmed. For project activities conducted between 16 October and 30 June within suitable habitat for CRLF, FYLF, or WPT, a full-time biological monitor will be present, regardless of whether the species was detected. If an individual of these species is detected in the work area, work activities in the immediate vicinity will halt until the species leaves of its own volition and a qualified biologist will determine if additional measures are necessary on a site- and project-specific basis to avoid take of the species. No special-status species will be relocated or otherwise handled without the proper handling permits and/or CESA take coverage.

Mitigation Measure BIO-5 – Amphibians and Reptiles Above 5,000 feet

In the BSA, mountain yellow-legged frog (MYLF), Sierra Nevada yellow-legged frog (SNYLF), and southern long-toed salamander (SLTS) are not expected to occur below 5,000 feet elevation. If possible, work activities above 5,000 feet will be conducted between 1 July and 15 October. A qualified wildlife biologist will conduct a preconstruction survey within 48 hours of the commencement of work activities for MYLF, SNYLF, and SLTS where suitable habitat and potential for these species exist near each work area. The survey will include all potential habitat within the proposed work area and 50 feet upstream and downstream. If the biologist discovers any life stage of MYLF, SNYLF, or SLTS, a biological monitor will be contracted to monitor work so that these species are not harmed. For project activities conducted between 16 October and 30 June within suitable habitat for MYLF, SNYLF, and SLTS, a full-time biological monitor will be present, regardless of whether the species was detected. If an individual of these species is detected in the work area, work activities in the immediate vicinity will halt until the species leaves of its own volition and a qualified biologist will determine if additional measures are necessary on a site- and project-specific basis to avoid take of the species. No special-status species will be relocated or otherwise handled without the proper handling permits and/or CESA take coverage.

Mitigation Measure BIO-6 – Swainson's Hawk & Nesting Birds

Vegetation control using hand tools and herbicide spraying will occur between 15 August and 1 March to avoid impacts to nesting birds. Vegetation control by mechanical means will occur between 15 August and 15 October. If vegetation control must occur outside these times a preconstruction survey for nesting birds will be conducted by a qualified biologist according to the following conditions:

- If project activities must occur during the Swainson's hawk nesting season (20 March –31 July), a qualified biologist will conduct Swainson's hawk surveys of suitable habitat in the project area and a 0.5-mile buffer in accordance with *Recommended Timing and Methodology for Swainson's Hawk Nesting Surveys in California's Central Valley* (Swainson's Hawk Technical Advisory Committee 2000). If an active nest is observed, a 0.5-mile buffer will be maintained until all nestlings have fledged or the nest fails for reasons not caused by project activities. A qualified biologist will monitor the nest on a weekly basis and may increase or decrease the buffer depending on the birds' disturbance tolerance levels.

- For project activities occurring during the bird nesting season (1 February–31 August), a qualified biologist will survey the project area and a 350-foot buffer for nesting raptors (other than Swainson's hawk) and 100-foot buffer for all other avian species. The survey will be conducted no more than 5 calendar days prior to any ground-disturbing activity or vegetation removal. If active nests are observed, the biologist will establish an appropriate avoidance buffer to be maintained until all nestlings have fledged or the nest fails for reasons not caused by project activities. A qualified biologist will monitor the nest on a weekly basis and may increase or decrease the buffer depending on the birds' disturbance tolerance levels.
- If there is a break in maintenance activities of more than 5 days, additional nest surveys will be required prior to resuming work.

Mitigation Measure BIO-7 – Burrowing Owl

A qualified biologist will conduct Take Avoidance Surveys in accordance with Appendix E of the Staff Report on Burrowing Owl Mitigation (CDFW 2012). An initial Take Avoidance Survey will be conducted no less than 14 days prior to initiating ground-disturbing activities and a final survey will be conducted within 24 hours prior to ground disturbance.

The preconstruction survey for burrowing owls will include all potential burrowing owl habitat within 500 feet of the project. Portions of the survey area located on private land will be surveyed from all publicly accessible areas.

If active burrowing owl burrows are found, the following measures shall be implemented:

- During the non-breeding season (1 September–31 January), the biologist shall establish a 160-foot buffer around the burrow. During the breeding season (1 February–31 August), the biologist shall establish a 250-foot buffer around the burrow in consultation with the CDFW.
- The size of the buffer may be reduced if the biologist monitors the construction activities and determines that no disturbance to the burrowing owl is occurring. Reduction of buffer size depends on the location of the burrow relative to the project, project activities during the time the burrow is active, and other project-specific factors.
- If the burrow is located within the construction zone and it is during the non-breeding season, the burrowing owl can be passively excluded from the burrow using one-way doors, as described in the Exclusion Plan of Appendix E of the Staff Report on Burrowing Owl Mitigation (CDFW 2012).
- If the burrow is located within the construction zone and it is during the breeding season, the burrowing owl can only be passively excluded if it has been confirmed that the owl has not begun egg laying and incubation, the clutch was unsuccessful, or juveniles from the occupied burrows are foraging independently and are capable of independent survival.

Mitigation Measure BIO-8 – Special-Status Plants and El Dorado County Oaks

An oak woodland removal permit will be obtained prior to the removal of any protected tree in accordance with the Oak Resource Management Plan (ORMP).

If habitat assessments under Mitigation Measure BIO-1 determine that suitable habitat for special-status plant species is present and cannot be avoided, a qualified botanist will conduct protocol-level surveys for special-status plant species with the potential to be affected by the

maintenance work. The survey will follow the methods in the current version of CDFW's "Protocols for Surveying and Evaluating Impacts to Special Status Native Plant Populations and Sensitive Natural Communities (U.S. Fish and Wildlife)."

Surveys to determine the presence or absence of special-status plant species will be conducted in suitable habitat and timed to coincide with the blooming or other appropriate phenological period of the target species (as determined by a qualified botanist), or all species in the same genus as the target species will be assumed to be special-status.

If potentially occurring special-status plants are listed under CESA or ESA, protocol-level surveys to determine presence/absence of the listed species will be conducted in all circumstances, unless determined otherwise by CDFW or USFWS.

For other special-status plants not listed under CESA or ESA, surveys will not be required under the following circumstances:

- If protocol-level surveys, consisting of at least two survey visits (e.g., early blooming season and later blooming season) during a normal weather year, have been completed in the 5 years before implementation of the treatment project and no special-status plants were found, maintenance may proceed without additional plant surveys.
- If the target special-status plant species is an herbaceous annual, stump-sprouting, or geophyte species, maintenance may be carried out during the dormant season for that species or when the species has completed its annual lifecycle without conducting presence/absence surveys provided the maintenance activity will not alter habitat or destroy seeds, stumps, or roots, rhizomes, bulbs, and other underground parts in a way that would make it unsuitable for the target species to reestablish following maintenance.

If maintenance work involves the spraying of herbicide, ground disturbance or vegetation removal within 50 feet of vernal pools or wetlands, the following conditions will apply:

- A qualified botanist with familiarity of the flora of El Dorado County will conduct a focused survey for the special-status plants with potential to occur. The survey will be conducted between April and May, during the evident and identifiable period.

If maintenance work involves the spraying of herbicide, ground disturbance or vegetation removal within ponds, slow-flowing streams, or ditches, then the following condition will apply:

- A qualified botanist with familiarity of the flora of El Dorado County will conduct a focused survey for Sanford's arrowhead. The survey will be conducted between May and November, during the evident and identifiable period.

If herbicides will be used:

- Only herbicides registered with the California Department of Pesticide Regulation will be used. Herbicide application will be in accordance with labeled instructions. Pre- and post-emergent herbicides will be applied only during the time periods recommended by the California Department of Pesticide Regulation.

If present, populations of special-status plants will be protected by a buffer of visible orange fencing around the avoidance area.

Mitigation Measure BIO-9 – Roosting Bats

Routine maintenance work, including washing, painting, debris, and sediment removal on bridges, will be conducted between 1 August and 15 February to avoid impacts to roosting bats. If maintenance work on bridges must be conducted between 16 February and 30 September, a qualified biologist will conduct a survey within 2 weeks prior to work activities to determine bat use of the bridge.

If no bats and/or bat sign is observed, no further avoidance and minimization measures are necessary.

If it is determined that bats are using the bridge as a maternity or hibernation roost, the qualified biologist shall determine an appropriate avoidance buffer and submit the buffer and avoidance plan to CDFW for review.

The avoidance buffer may be reduced if a qualified biologist monitors the work activities and determines that no disturbance to the roost is occurring. Reduction of the buffer depends on the species of bat, the location of the roost relative to project activities, activities during the time the roost is active, and other project-specific conditions.

No work shall occur in the buffers until it is determined that the bats have left on their own, or until the end of the hibernation or maternity season, at which time exclusion devices can be installed.

If it is determined that the bats are not using the bridge as a maternity or hibernation site, exclusion devices shall be installed a minimum of 48 hours prior to work activities to ensure the bats have time to leave before work begins. Exclusion devices shall remain in place until maintenance work is complete.

The mitigation measures listed above apply to the entire project area with the following exceptions:

- BIO-2 and BIO-3 only apply to the West Side (below 3,500 feet).
- BIO-4 applies to the West Side both above and below 3,500 feet but not to the Tahoe Basin.
- BIO-5 does not apply to the West Side (below 3,500 feet) but does apply to both regions above 3,500 feet.

b) ***Less Than Significant Impact with Mitigation Incorporated.*** Routine maintenance work may occur within special-status natural communities. These communities are waters, wetlands, wet meadows, riparian forests, and oak woodlands. Other work may occur in annual grasslands or human-made facilities. El Dorado County has a variety of surface water features, such as lakes, ponds, rivers, streams, springs, seeps, and vernal pools. These waters support unique vegetation assemblages, which are affected by the hydrologic regimes of these features. Wetlands, composed of wet soils and vegetation species adapted to those wet soils, occur around surface water features. Riparian forests and wet meadows occur around rivers and streams where they are supported by groundwater and the river or stream's floodplain (USFS 2014).

Oak woodlands occur on low-elevation foothills in El Dorado County and are managed through the *El Dorado County Oak Woodland Management Plan*, which protects resources within oak woodlands and preserves acreages and canopy covers of the vegetation (El Dorado County 2007a). In El Dorado County, oak woodlands provide habitat for species such as deer and California spotted owl (*Strix occidentalis*) and support riparian habitat (El Dorado County 2007a; USFS 2014).

Implementation of routine channel maintenance work would result in the removal of trees and other vegetation. Vegetation removal would be limited to only what is necessary to perform the Department's routine maintenance work and would occur within the creeks, drainage channels, detention basins, or other waters. In addition, the Department would maintain stream channels in such a manner that it avoids removal of trees greater than 4 inches dbh to the greatest extent feasible. Removal of mature trees would be infrequent and only when needed to ensure safe conveyance of flood flows. Vegetation control would be targeted at understory and non-native species. In most situations, vegetation control would maintain existing baseline conditions.

The proposed project has the potential to impact natural communities in El Dorado County given the activities included as part of the RMA. However, implementation of Mitigation Measures BIO-1, BIO-2, BIO-5, BIO-6, BIO-7, and BIO-8, identified above, would reduce these impacts to less -than-significant levels.

c) ***Less Than Significant Impact with Mitigation Incorporated.*** Waters of the United States, including creeks and potential wetlands, occur in the project area. Routine maintenance work sites will avoid vernal pool habitat suitable for federally listed species such as the VPFS and VPTS. Vernal pools occur in the BSA at very low density up to approximately 2,800 feet and one occurrence of VPFS is documented near Green Valley Road, southeast of Folsom Lake Additionally, routine maintenance work will avoid elderberry shrubs, which provide habitat for federally listed VELB, by conducting surveys, staking buffers, and providing biological monitors, as needed, during routine maintenance. Routine channel maintenance work would result in temporary impacts in the County's creeks. No permanent impacts to waters of the United States are anticipated as a result of routine channel maintenance work. Implementation of Mitigation Measures BIO-1, BIO-2, BIO-4, and BIO-5 would reduce potential impacts to less-than-significant levels.

d) ***Less Than Significant Impact.*** The Department's routine maintenance work could temporarily disrupt movement of native wildlife species that occur in or adjacent to the project area. Although construction disturbance may temporarily hinder wildlife movements within the project area, the project does not include features that would permanently create barriers to migratory birds. As such, the project impacts would be considered less than significant due to the short-term nature of the routine maintenance work.

e) ***Less Than Significant Impact.*** The El Dorado County Oak Tree Preservation Ordinance (El Dorado County Code Title 139.30) protects oak trees. Further, the El Dorado County Oak Woodland Management Plan states that when oak canopy removal is necessary to complete routine County maintenance projects, such projects are exempt from the canopy retention and replacement standards. This exemption applies to road widening and realignments that are necessary to increase capacity, to protect the public health, and to improve the safe movement of people and goods in existing public road ROWs. Although blue oaks are considered a scenic resource, this project meets the exemption criteria because it is a component of the County's routine maintenance work program and is necessary to protect the health and improve the safe movement of people and goods in existing public road ROWs; however, the County will nevertheless replace any removed oak tree canopy (based on Option A of General Plan Policy 7.4.4.4) on-site in the project area, where feasible, at a 1:1 ratio and by incorporating oak plantings to the greatest extent possible in the revegetation plan. The Department's proposed RMA with the CDFW is consistent with the County's policies or ordinances protecting biological resources. Project impacts would be considered less than significant.

f) ***No Impact.*** There are no Habitat Conservation Plans for areas within El Dorado County. The Placer County Conservation Plan (PCCP) does include lands adjacent to El Dorado County near to and North of Folsom Lake; however, these lands under the PCCP would not be impacted by the project.

4.2.5 Cultural Resources

Would the project:	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
a) Cause a substantial adverse change in the significance of a historical resource as defined in §15064.5?	☐	☒	☐	☐
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?	☐	☒	☐	☐
c) Disturb any human remains, including those interred outside of formal cemeteries?	☐	☒	☐	☐

Regulatory Setting

The term "cultural resources" as used in this document refers to all "built environment" resources (structures, bridges, railroads, water conveyance systems, etc.), culturally important resources, and archaeological resources (both prehistoric and historic), regardless of significance. Laws and regulations dealing with cultural resources include CEQA. The intent of these laws is to determine if a project will

have a significant impact on cultural resources determined eligible for the California Register of Historical Resources (California Register) or as a Tribal Cultural Resource (TCR).

Historical resources are considered under CEQA, as well as PRC 5024.1, which established the California Register. PRC 5024 requires state agencies to identify and protect state-owned resources that meet the National Register of Historic Places (National Register) listing criteria. It further specifically requires Caltrans to inventory state-owned structures in its ROWs. PRC 5024(f) and 5024.5 require state agencies to provide notice to and consult with the State Historic Preservation Officer (SHPO) before altering, transferring, relocating, or demolishing state-owned historical resources that are listed on or are eligible for inclusion in the National Register or are registered or eligible for registration as California Historical Landmarks.

Potential Environmental Effects

a) and b) ***Less Than Significant Impact with Mitigation Incorporated.*** Routine channel maintenance work would require some ground disturbance. The majority of the ground disturbance associated with the proposed project will occur in previously disturbed areas within channels or other flood control and drainage facilities. Ground-disturbing activities still have the potential to unearth archaeological resources. As such, the impact would be reduced to a less-than-significant level with the incorporation of Mitigation Measure CULT-1.

Mitigation Measure CULT-1: Archaeological Resources

- If archaeological materials are encountered during construction activities, construction crews shall stop all work within 100 feet of the discovery until a qualified archaeologist can assess the discovery and provide recommendations. Such treatment and resolution could include modifying the project to allow the materials to be left in place or undertaking data recovery of the materials in accordance with standard archaeological methods. The preferred treatment of the resource is protection and preservation.
- Resources could include buried historic features, such as artifact-filled privies, wells, and refuse pits, and artifact deposits, along with concentrations of adobe, stone, or concrete walls or foundations and concentrations of ceramic, glass, or metal materials. Native American archaeological materials could include obsidian and chert flaked stone tools (such as projectile points and knives), midden (darkened soil created culturally from use and containing heat-affected rock, artifacts, animal bones, or shellfish remains), and/or groundstone implements (such as mortars and pestles). Project personnel shall not collect cultural materials.

c) ***Less Than Significant Impact with Mitigation Incorporated.*** There is the possibility of unexpected discoveries of human remains during ground-disturbing activities. The procedures identified in State Health and Safety Code Section 7050.5 will reduce potential impact. State Health and Safety Code Section 7050.5 requires that if human remains are found, no further disturbance shall occur until the County Coroner has made the necessary findings as to origin and

disposition pursuant to PRC 5097.98. This impact is less than significant with the incorporation of Mitigation Measure CULT-2.

Mitigation Measure CULT-2: Human Remains

- **Implement State Health and Safety Code Section 7050.5.** If human remains are discovered, State Health and Safety Code Section 7050.5 states that further disturbances and activities shall cease in any area or nearby area suspected to overlie remains, and the County Coroner contacted.
- **Implement Public Resources Code Section 5097.9 et seq.** Pursuant to PRC 5097.98, if the remains are thought to be Native American, the coroner will notify the Native American Heritage Commission (NAHC) who will then notify the Most Likely Descendent (MLD). Further provisions of PRC 5097.9 et seq. are to be followed as applicable.
- **Implement Public Resources Code Section 5097.5 et seq.** Pursuant to PRC 5097.5, no person shall knowingly and willfully excavate upon, or remove, destroy, injure, or deface, any historic or prehistoric ruins, burial grounds, archaeological, or vertebrate paleontological site, including fossilized footprints, inscriptions made by human agency, rock art, or any other archaeological, paleontological, or historical feature, situated on public lands, except with the express permission of the public agency having jurisdiction over the lands.

4.2.6 Energy

Would the project:	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	☐	☐	☒	☐
b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	☐	☐	☒	☐

Potential Environmental Effects

a) and b) ***Less than Significant Impact.*** The project will continue to require the use of fuel for vehicles serving the RMA as the areas being served are dispersed through El Dorado County. It is not anticipated that there would be an increased amount of fuel consumed as compared to existing conditions, as the RMA will cover the same geographic extent as compared to existing conditions. The County will comply with climate change and associated energy-related policies including Assembly Bill (AB) 32 as it relates to greenhouse gas (GHG) reduction and Senate Bill (SB) 100 and SB 350 relating to renewable energy procurement. Further, there would be no conflict or obstruction with state or local plans related to energy efficiency due to compliance

with the aforementioned regulations. The project impacts would be considered less than significant due to compliance with existing regulations.

4.2.7 Geology and Soils

Would the project:	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:				
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault?	☐	☐	☒	☐
ii) Strong seismic ground shaking?	☐	☐	☒	☐
iii) Seismic-related ground failure, including liquefaction?	☐	☐	☒	☐
iv) Landslides?	☐	☐	☒	☐
b) Result in substantial soil erosion or the loss of topsoil?	☐	☐	☒	☐
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	☐	☐	☒	☐
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?	☐	☐	☐	☒
e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?	☐	☐	☐	☒
f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	☐	☒	☐	☐

Potential Environmental Effects

a) i) through iv) ***Less Than Significant Impact.*** The project area is the Sierra Nevada geomorphic province of California, located east of the Great Valley and to the west of the Basin and Range geomorphic province. The Sierra Nevada province is characterized by steep-sided hills and narrow, rocky stream channels. The Sierra Nevada geomorphic province "consists of Pliocene and older deposits that have been uplifted as a result of plate tectonics, granitic intrusion, and volcanic activity" (El Dorado County 2003). According to the California Department of Conservation (CDOC 2022), there are Alquist-Priolo Earthquake fault zones near Emerald Bay on Lake Tahoe and near Echo Lake near the summit of US 50. The project includes no measures that would rupture a fault or put people or buildings at risk. Further, the project would not expose people to seismic ground shaking. Also, the CDOC does not identify liquefaction zones in El Dorado County (CDOC 2022); there are some areas identified as landslides hazards in steep areas along US 50 along the South Fork of the American River. However, the project would not expose people to landslides. Project impacts would be considered less than significant.

b) ***Less Than Significant Impact.*** The project has the potential to lead to erosion as vegetation is cleared along roadsides. Routine channel maintenance work would include measures intended to minimize and reduce potential soil erosion. The project would be completed consistent with the County's 2004 Stormwater Management Plan and the County's Grading, Erosion and Sediment Control Ordinance, which both include measures to manage erosion. As such, the project includes measures that would limit the impacts related to erosion and subsequent loss of topsoils. Project impacts would be considered less than significant.

c) ***Less Than Significant Impact.*** As discussed above, there are no areas subject to liquification in the project area. There are some areas subject to landslides, as identified along US 50 near the South Fork of the American River. However, the project contains no features or activities that would create instability as related to the aforementioned hazards. Project impacts would be considered less than significant.

d) ***No Impact.*** Expansive soils could occur in the project area. The Department's proposed RMA would not result in the construction of structures subject to the Uniform Building Code as part of the routine maintenance work.

e) ***No Impact.*** The Department's proposed RMA would not result in the installation of septic tanks and/or alternative wastewater disposal systems.

f) ***Less Than Significant Impact with Mitigation Incorporated.*** The project is not anticipated to cause a substantial adverse change in the significance or directly or indirectly destroy a unique paleontological resource or site, geological feature, or unique geological feature as potential to encounter surface-level paleontological resources is relatively low. However, there is the potential for accidental discovery of paleontological resources. If resources are inadvertently

discovered, implementation of Mitigation Measure GEO-1 would reduce potential impacts to a less-than-significant level.

Mitigation Measure GEO-1: Paleontological Resources

If paleontological resources (e.g., vertebrate bones, teeth, abundant and well-preserved invertebrates or plants) are encountered during construction, the applicant will ensure work in the immediate vicinity shall be diverted away from the find until a professional paleontologist assesses and salvages the find, if necessary.

4.2.8 Greenhouse Gas Emissions

Would the project:	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	☐	☐	☒	☐
b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	☐	☐	☒	☐

Environmental Setting

GHGs are recognized by wide consensus among the scientific community to contribute to global warming/climate change and associated environmental impacts. The major GHGs that are released from human activity include carbon dioxide, methane, and nitrous oxide (California Governor's Office of Planning and Research 2008). The primary sources of GHGs are vehicles (including planes and trains), energy plants, and industrial and agricultural activities (such as dairies and hog farms).

GHG emissions for transportation projects can be divided into those produced during operations and those produced during construction. The proposed project does not increase the capacity of the transportation system and would not increase operational GHG levels. The discussion below therefore focuses on construction-related GHG emissions of the project.

The EDCAQMD has not established a threshold of significance for construction- or operational-related GHG emissions. On October 23, 2014, the SMAQMD Board of Directors adopted recommended GHG thresholds of significance for CEQA. The SMAQMD utilized guidance published by the California Air Pollution Control Officers Association, *CEQA & Climate Change, Evaluating and Addressing Greenhouse Gas Emissions from Projects Subject to the California Environmental Quality Act*, and a review of local projects in developing recommended GHG emissions thresholds of significance.

The SMAQMD Thresholds Committee undertook a process to apply the Bay Area AQMD's methodology regarding a Service Population (or Per Capita) Threshold to local projects in the Sacramento region. The

SMAQMD Thresholds Committee determined that a per capita threshold would hold all projects, regardless of size, to the same GHG emissions analysis and mitigation standards. This approach is not cost-effective for small projects and could impede their development. The SMAQMD Thresholds Committee sought to develop a threshold that would ensure that at least 90% of emissions from projects in the region would be reviewed and analyzed to determine if additional mitigation should be required, while exempting small projects from the requirement to analyze GHG emissions and mitigate.

Given the lack of locally adopted GHG emissions significance thresholds, the SMAQMD thresholds are being used here. SMAQMD GHG Emissions Significance Thresholds are listed in **Table 6**.

Table 6. SMAQMD 2014 Approved GHG Emissions Significance Thresholds

Significance Determination Thresholds	
GHG Emission Source Category	*Threshold*
Stationary Sources	10,000 direct metric tons of CO_2e per year (Operational impacts)
Land Development Projects	1,100 metric tons of CO_2e per year [1] (Operational impacts)
All Construction Activities	1,100 metric tons of CO_2e per year

Note: CO_2e = carbon dioxide equivalent

[1] The 1,100 metric tons of C02e per year threshold is roughly equivalent to 54 residential dwelling units, 63,000 square feet of office space, 29,000 square feet of general retail space, or 12,500 square feet of supermarket space.

Potential Environmental Effects

a) ***Less Than Significant Impact.*** Implementation of the Department's proposed RMA with the CDFW would not increase the capacity of the transportation system and would not increase operational GHG levels compared to existing conditions. Routine maintenance work is generally small in scope and would not result in construction emissions of greater than 1,100 metric tons of carbon dioxide equivalent (CO_2e) per year. The construction emissions are expected to be well below the SMAQMD's construction threshold of 1,100 metric tons of CO_2e per year. Project impacts would be considered less than significant.

b) ***Less Than Significant Impact.*** Work associated with the RMA is generally small in scope and short in duration and would not conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs. Project impacts would be considered less than significant.

4.2.9 Hazards and Hazardous Materials

Would the project:	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	☐	☐	☒	☐
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	☐	☐	☒	☐
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	☐	☐	☒	☐
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	☐	☐	☒	☐
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?	☐	☐	☐	☒
f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	☐	☐	☒	☐
g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?	☐	☐	☒	☐

Potential Environmental Effects

a) ***Less Than Significant Impact.*** Small amounts of hazardous materials would be used during routine maintenance work (i.e., fuel and solvents for equipment use and maintenance). Hazardous materials would only be used during routine maintenance work, and any hazardous material uses would be required to comply with all applicable local, state, and federal standards associated with the handling and storage of hazardous materials. Hazardous materials would be used in accordance with applicable standards to avoid and/or minimize any exposure of the public to

hazard materials. Therefore, implementation of the Department's proposed RMA with the CDFW would have a less than significant impact.

b) ***Less Than Significant Impact.*** See item a) above.

c) ***Less Than Significant Impact.*** Routine maintenance work under the Department's proposed RMA with the CDFW may occur within ¼ mile of local schools. As noted above, routine maintenance work would involve the short-term handling of hazardous materials during construction. Handling and storage of hazardous materials during construction would comply with all applicable federal, state, and local standards. Therefore, implementation of the Department's proposed RMA with the CDFW would have a less-than-significant impact.

d) ***Less Than Significant Impact.*** The State of California Hazardous Waste and Substances Site List (also known as the "Cortese List") is a planning document used by state and local agencies and developers to comply with CEQA requirements in providing information about the location of hazardous materials sites. California Government Code Section 65962.5 requires the California Environmental Protection Agency (CalEPA) to annually update the Cortese List. The California Department of Toxic Substances Control (DTSC) is responsible for preparing a portion of the information that comprises the Cortese List. Other state and local government agencies are required to provide additional hazardous material release information that is part of the complete list. The EnviroStor Database (DTSC 2022) is compiled by the DTSC to identify and track potentially hazardous waste sites. Countywide, there are 54 sites that are listed while 15 of these sites are listed as needing no action. As such, there are still sites that need evaluation or have been referred to other agencies. It should be noted that some of these sites are within municipalities not within the Department's service area. Given the dispersed nature of work around El Dorado County, there is the possibility that the RMA could occur near these sites. However, the project would not create any hazards due to the nature of the routine maintenance work and its short duration. Project impacts would be considered less than significant.

e) ***No Impact.*** There are four general aviation airports in El Dorado County, including Placerville and Georgetown Airports, owned and operated by the County; Cameron Airpark Airport, operated by the Cameron Park Airport District; and Lake Tahoe Airport, operated by the City of South Lake Tahoe. Routine maintenance work described in the Department's proposed RMA with the CDFW would not result in a change in air traffic patterns. The project could occur in areas near airports but would not create a hazard for the operation of the airports, and there would be no impact.

f) ***Less Than Significant Impact.*** Temporary, short-duration road closures or single-lane closures could be needed to complete some of the required routine maintenance work. The Department would maintain access to all residential and commercial properties affected by any short-term closure (if needed). Project construction activities would also be coordinated with local schools,

law enforcement, and emergency services providers as needed. Project impacts would be considered less than significant.

g) ***Less Than Significant Impact.*** Project construction activities such as routine channel maintenance work would temporarily introduce potential sources of fire ignition as a result of equipment operation, which could temporarily increase the risk of wildfire. Routine maintenance work could occur within Moderate, High, and Very High Fire Hazard Severity Zones (FHSZs) where an increased risk of wildfire could represent a significant impact to the environment and surrounding structures and/or people. Vegetation management would be one element of the Department's proposed RMA with the CDFW. This activity would reduce the risk of wildfire exposure to people or structures and directly or indirectly reduce the risk of loss, injury, or death involving wildfire. Thus, implementation of the Department's proposed RMA with the CDFW would not expose people or structures to a new or increased significant risk of loss, injury or death involving wildland fires. Project impacts would be considered less than significant.

4.2.10 Hydrology and Water Quality

Would the project:	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality?	☐	☐	☒	☐
b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	☐	☐	☐	☒
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river through the addition of impervious surfaces, in a manner which would:	☐	☐	☒	☐
i) result in substantial erosion or siltation on- or off-site;	☐	☐	☒	☐
ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site;	☐	☐	☒	☐

Would the project:	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or	☐	☐	☒	☐
iv) impede or redirect flood flows?	☐	☐	☒	☐
d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?	☐	☐	☒	☐
e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	☐	☐	☐	☒

Potential Environmental Effects

a) ***Less Than Significant Impact.*** The proposed project would be required to comply (as applicable) with the County's Phase II MS4 NPDES permit, the USACE Section 404 Nationwide 3 Maintenance permit, the *El Dorado County Storm Water Management Plan* (El Dorado County 2007b) as applicable, and the conditions of the Department's proposed RMA for specific routine maintenance work. In fact, a portion of the project is to implement aspects of the MS4 NPDES permit, including maintenance activities such as ongoing and intermittent maintenance of stormwater runoff systems to include bioswales, vegetated ditches, stormwater basins, and other stormwater systems designed and constructed to retain flow and preserve water quality. The Department will perform the maintenance work at a time and in a manner that minimizes adverse impacts to fish and wildlife resources and provides for the protection and continuance of those resources. Specifically, the Department would time the maintenance work with an awareness of precipitation and other events that could increase stream flows and an understanding of the amount of time and materials necessary to implement erosion control measures. In addition, the Department would cease the maintenance work and implement all reasonable erosion control measures before all storm events. Routine channel maintenance work would not violate any water quality standards or waste discharge requirements. In fact, the Department's routine maintenance work would improve drainage and reduce potential flooding impacts by removing obstacles and debris from the channels, including creeks, streams, and natural and human-made drainages within the project area. The Department's proposed RMA with the CDFW is intended to maintain and improve the County's drainage facilities and would not result in increased flood risk. Project impacts would be considered less than significant.

b) ***No Impact.*** Implementation of the Department's proposed RMA with the CDFW would not involve any withdrawals from an aquifer or groundwater table.

c) i) through iv) ***Less Than Significant Impact.*** Routine channel maintenance involves the removal/displacement of silt, sand, or sediment in the vicinity of human-made facilities or structures that cause an obstruction to the channel's flow. As part of the routine maintenance work under the Department's proposed RMA with the CDFW, temporary stream diversions may be required, which may result in increased erosion and a corresponding increase in siltation within the water. However, any increase in flow velocities due to stream diversions would be temporary. Further, as discussed under item 4.2.10(a), the proposed project would be required to comply (as applicable) with the County's Phase II MS4 NPDES permit, the USACE Section 404 Nationwide 3 Maintenance permit, the County's 2007 Stormwater Management Plan, and the County's Grading, Erosion and Sediment Control Ordinance as well as the conditions of the Department's proposed RMA with the CDFW, which require erosion control BMPs to be implemented. Project impacts would be considered less than significant. Routine channel maintenance work would improve drainage and reduce potential flooding impacts by removing obstacles and debris from the channels, including creeks, streams, and natural and man-made drainages within the project area. Routine maintenance work would improve drainage and reduce potential flooding impacts by removing obstacles and debris from the channels, including creeks, streams, and natural and human-made drainages within the project area. Implementation of the Department's proposed RMA with the CDFW would not include direct or indirect growth-inducing activities and would not result in a capacity exceedance of existing or planned stormwater drainage systems or result in additional sources of polluted runoff.

d) ***Less Than Significant Impact.*** The project area is not in an area subject to seiche or tsunami. Given the location of the RMA work near streams and drainages, it is likely that project work will occur in areas susceptible to flooding. However. the project is not likely to increase flooding risk as the project includes components that are designed to reduce flood risk such as debris and obstruction removal. Project impacts would be considered less than significant.

e) ***No Impact.*** The proposed project does not include activities that would obstruct implementation of a water quality control plan or sustainable groundwater management plan.

4.2.11 Land Use and Planning

Would the project:	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
a) Physically divide an established community?	☐	☐	☐	☒
b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	☐	☐	☐	☒

Potential Environmental Effects

a) ***No Impact.*** The routine maintenance work covered under the Department's proposed RMA with the CDFW would not physically divide an established community.

b) ***No Impact.*** The routine maintenance work covered under the Department's proposed RMA with the CDFW would not conflict with the goals, objectives, or policies intended to mitigate environmental impacts adopted in the El Dorado County General Plan and subsequent updates.

4.2.12 Mineral Resources

Would the project:	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	☐	☐	☐	☒
b) Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	☐	☐	☐	☒

Environmental Setting

El Dorado County contains a wide variety of mineral resources, including gold. According to the General Plan EIR, "Metallic mineral deposits, gold in particular, are considered the most significant extractive mineral resource . . ." Other metallic minerals include silver, copper, nickel, chromite, zinc, tungsten, mercury, titanium, platinum, and iron. Nonmetallic mineral resources include building stone, limestone, slate, clay, marble, soapstone, sand, and gravel.

Potential Environmental Effects

a) ***No Impact.*** Routine maintenance work could include sediment removal from streams and channels in the project area. Such routine maintenance work would not impact the availability of mineral resources that are locally important or would be of value to the state.

b) ***No Impact.*** The project does not include activities or features that would lead to a loss of any important mineral resources.

4.2.13 Noise

Would the project:	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	☐	☐	☒	☐
b) Generation of excessive ground-borne vibration or ground-borne noise levels?	☐	☐	☒	☐
c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	☐	☐	☐	☒

Environmental Setting

The most significant sources of noise generated in El Dorado County are associated with vehicular traffic on County roadways, including, but not limited to, US 50 and SR 49, SR 193, and SR 89, and aircraft noise associated with airports in El Dorado County (Cameron Airpark, Georgetown, Lake Tahoe, and Placerville). Other typical noise sources are site-specific and include stationary noise sources associated with industrial uses or extractive industries (e.g., quarry operations); mechanical noise from heating, ventilation, and air conditioning (HVAC) units; intermittent noises, including amplified sound from human activities associated with recreation and entertainment at public or private facilities such as parks and amphitheaters; and short-term, temporary noise associated with construction projects.

The *El Dorado County General Plan Public Health, Safety, and Noise Element* (El Dorado County 2019a), includes goals, objectives, policies, and criteria pertaining to noise that are relevant to the proposed project. Appendix B of the General Plan includes the airport land use compatibility plan noise

zone maps for the airports located in El Dorado County and four 60 decibel (dB) Day-Night Noise Level (Ldn)/Community Noise Equivalent Level (CNEL) traffic noise contour maps (Year 2025). Other than the nuisance provisions of County Code Title 9, the County does not have an adopted countywide noise control ordinance that include limits on hours of construction, i.e., set start and stop times. However, construction is typically limited to between the hours of 7:00 a.m. and 7:00 p.m. Monday through Friday, and 8:00 a.m. and 5:00 p.m. on weekends and federally recognized holidays. Exceptions are allowed if it can be shown that construction beyond these times is necessary to alleviate traffic congestion and safety hazards.

The General Plan includes tables that guide a comprehensive approach to noise control and protection of residents and noise-sensitive land uses from exposure to excessive transportation- and non-transportation-related noise. The General Plan establishes an exterior noise level criterion of 60 dB Ldn at the outdoor activity area of residential land uses impacted by transportation noise sources. Where it is not possible to reduce noise in outdoor activity areas to 60 dB Ldn or less using a practical application of the best-available noise reduction measures, an exterior noise level of up to 65 dB Ldn may be allowed provided that available exterior noise level reduction measures have been implemented. In addition, an interior noise level criterion of 45 dB Ldn is applied to all residential land uses. The intent of this interior standard is to provide a suitable environment for indoor communication and sleep. The 60-dB Ldn/CNEL contour is typically considered the maximum "normally acceptable" noise level for the largest majority of noise-sensitive land uses located within El Dorado County (i.e., residential dwellings). Other noise-sensitive land uses, such as schools, hotels, convalescent care facilities, and hospitals, are typically considered "normally acceptable" at levels below 65- to70-dB Ldn/CNEL, depending on land-use designation. The General Plan establishes noise level performance protection standards by time of day (daytime [7:00 a.m.–7:00 p.m.], evening [7:00 p.m.–10:00 p.m.], night [10:00 p.m.–7:00 a.m.]) and location (rural and community) for noise-sensitive land uses affected by non-transportation noise sources (e.g., industrial operations, outdoor recreation facilities, HVAC units, schools, hospitals, commercial land uses, other outdoor land uses, etc.). The General Plan sets maximum allowable construction noise exposure levels from non-transportation noise sources by area (community regions and adopted plan area, rural centers, and rural regions), land use, and time of day.

Potential Environmental Effects

a) ***Less Than Significant Impact.*** Potential project sites would be adjacent to Department facilities. Depending on location nearby land uses could include rural residential, commercial, industrial, open space, public facility, research and development, and tourist recreational.

Construction Noise: All routine maintenance work covered under the Department's proposed RMA with the CDFW would occur between the hours of 7:00 a.m. and 7:00 p.m., Monday through Friday, and 8:00 a.m. and 5:00 p.m. on weekends and federally recognized holidays. Although construction activities during the more noise-sensitive evening and nighttime hours would be prohibited, noticeable increases in daytime ambient noise levels associated with such

activities could still occur, including noise generated by construction vehicles traveling to and from project sites. Actual noise levels would depend on the type of construction equipment involved, distance to the source of the noise, time of day, and similar factors.

Construction noise impacts would be considered significant if the routine maintenance work would impact residential areas and noise-sensitive land uses. County noise regulations typically restrict nuisance-related noise generating construction activities to daytime hours because construction noise that occur during evening or nighttime hours when people are more sensitive to noise would be especially acute. Project-related noise would be limited to construction-related activities associated with the routine maintenance work. Equipment for routine maintenance work could include jackhammers and diesel generators for pavement work and power and chainsaws, chippers, pole saws, and hand tools for vegetation management. Actual noise levels would depend on the type of construction equipment involved, distance to the source of the noise, weather, time of day, and other factors. With adherence to the General Plan requirements, construction-related noise impacts would be considered less than significant.

Operational Noise: The proposed project is not a development project that would result in an increase in the number of vehicles traveling on County roadways. As a result, ambient noise levels are not expected to change with implementation of the Department's proposed RMA with the CDFW. The proposed project would also not increase the traffic capacity of any County roadways. Therefore, the proposed project would not generate operational noise and would not contribute to increases in ambient noise levels. Additionally, the proposed project would not generate additional traffic, induce growth through infrastructure expansion, or change the way in which County roadways would be used. Thus, the project would not contribute to a substantial permanent increase in the ambient noise levels.

b) ***Less Than Significant Impact.*** Project activities associated with routine maintenance work could include operation of large pieces of equipment (e.g., heavy trucks) on County roadways for debris haul trips to and from project sites and for material deliveries. Such activities could result in the periodic, temporary generation of ground-borne vibration depending on the pavement quality of County roadways used to access project work sites. Given the limited nature of any potential ground-borne vibration and given that such impacts would be temporary and periodic, project-related ground-borne vibration impacts would be considered less than significant.

c) ***No Impact.*** There are four general aviation airports in El Dorado County, including Placerville and Georgetown Airports, owned and operated by the County; Cameron Airpark Airport, operated by the Cameron Park Airport District; and Lake Tahoe Airport, operated by the City of South Lake Tahoe. Project work could occur in proximity of these airports but would not create noise impacts nor expose people to excessive noise.

4.2.14 Population and Housing

Would the project:	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	☐	☐	☐	☒
b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	☐	☐	☐	☒

Potential Environmental Effects

a) ***No Impact.*** The purpose of the project is to maintain the existing road systems. The Department's proposed RMA would not result in population growth, the displacement of existing housing, or a need for new housing.

b) ***No Impact.*** There are no aspects of the RMA that would displace housing or people.

4.2.15 Public Services

Would the project:	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:	☐	☐	☐	☒
Fire protection?	☐	☐	☐	☒
Police protection?	☐	☐	☐	☒
Schools?	☐	☐	☐	☒
Parks?	☐	☐	☐	☒
Other public facilities?	☐	☐	☐	☒

Environmental Setting

The California Department of Forestry and Fire Protection (CAL FIRE) is responsible for providing wildland fire protection and resource management on over 31 million acres of State Responsibility Area (SRA) lands throughout California. Additionally, El Dorado County is divided into 13 separate fire protection districts (El Dorado County 2004:Figure PS-3):

- Georgetown Fire Protection District,
- Garden Valley Fire Protection District,
- El Dorado County Fire Protection District,
- Rescue Fire Protection District,
- El Dorado Hills County Water District,
- Cameron Park Community Services District,
- Latrobe Fire Protection District,
- Diamond Springs/El Dorado Fire Protection District,
- Mosquito Fire Protection District,
- Pioneer Fire Protection District,
- Lake Valley Fire Protection District,
- Fallen Leaf Lake Community Services District, and
- Meeks Bay Fire Protection District.

Although the bulk of El Dorado County is either designated as SRA or Federal Responsibility Area (FRA) lands, all fire agencies in El Dorado County work cooperatively to suppress wildland fires. The El Dorado County Sheriff provides general public safety and law enforcement services; additionally, the cities of Placerville and South Lake Tahoe have their own Police Department. There are 15 school districts and 67 schools within El Dorado County. Parks and recreation services are provided by a wide variety of public providers at the federal (e.g., USFS), state (e.g., California Department of Parks and Recreation [State Parks]), county, and local (e.g., Placerville Community Services) levels.

Potential Environmental Effects

a) ***No Impact.*** The Department's proposed RMA would not induce population growth; thus, there is no anticipated increased demand for public services. As such, no new governmental facilities would be needed nor would the project lead to physically altering an existing facility.

4.2.16 Recreation

	Potentially Significant Impact	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	☐	☐	☐	☒
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	☐	☐	☐	☒

Potential Environmental Effects

a) ***No Impact.*** Routine maintenance work would occur within or adjacent to existing recreational facilities. However, the Department's proposed RMA with the CDFW would not increase the use of existing neighborhood and regional parks or other recreational facilities as the project will not induce population growth. No impacts are expected.

b) ***No Impact.*** The project does not include the construction or expansion of recreational facilities.

4.2.17 Transportation

Would the project:	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
a) Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?	☐	☐	☐	☒
b) Would the project conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?	☐	☐	☒	☐
c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	☐	☐	☒	☐
d) Result in inadequate emergency access?	☐	☐	☒	☐

Potential Environmental Effects

a) ***No Impact.*** The project is a component of maintaining a safe road system and would not conflict with transportation-related programs or policies. The proposed project is routine maintenance work to maintain functional and structural integrity of public facilities.

b) ***Less Than Significant Impact.*** The proposed project will not change the design of El Dorado County roads or the amount of traffic because it is not a new development or growth-inducing project. Further, the amount of traffic generated by project construction would be similar to existing conditions.

c) ***Less Than Significant Impact.*** The project includes no design features that would create a hazard. Routine maintenance work described in the Department's proposed RMA with the CDFW could require temporary lane closures and one-way traffic control. The proposed project will maintain access to all residential properties and businesses throughout the duration of the specific maintenance activities. Project construction activities would be coordinated with local schools, law enforcement, and emergency services providers as required.

d) ***Less Than Significant Impact.*** The project does not include features that would result in inadequate emergency access. Project construction could lead to short-term lane closures potentially with traffic controls. However, project construction activities would be coordinated with local law enforcement and emergency services providers as applicable.

4.2.18 Tribal Cultural Resources

Would the project cause a substantial adverse change in the significance of a tribal cultural resource as defined in Public Resources Code 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
a) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or	☐	☒	☐	☐

Would the project cause a substantial adverse change in the significance of a tribal cultural resource as defined in Public Resources Code 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
b) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.	☐	☒	☐	☐

Environmental Setting

Tribal cultural resources are defined in CEQA as a site, feature, place, cultural landscape, sacred place, or object with cultural value to a California Native American tribe, which may include non-unique archaeological resources previously subject to limited review under CEQA.

AB 52 requires the lead agency to begin consultation with any California Native American tribe that is traditionally and culturally affiliated with the geographic area of the proposed project if (1) the California Native American tribe requested to the lead agency, in writing, to be informed by the lead agency through formal notification of proposed projects in the geographic area that is traditionally and culturally affiliated with the tribe; and (2) the California Native American tribe responds, in writing, within 30 days of receipt of the formal notification and requests the consultation (PRC 21080.3.1(d)).

Potential Environmental Effects

a) ***Less Than Significant Impact with Mitigation Incorporated.*** Tribal consultation was conducted by the County in July 2023. Tribes notified include Shingle Springs Band of Miwok Indians (who has commonly been a lead for tribal consultation of projects in El Dorado County) and the Washoe Tribe of Nevada and California. No consultation requests were received within the required 30-day response period; therefore, no tribal cultural resources were identified within the unincorporated portions of El Dorado County where routine maintenance work would occur. The Washoe Tribe of Nevada and California responded with no objections as all work would be on existing infrastructure. Though unlikely, in the event soil disturbance during routine maintenance activities unearth previously unrecorded cultural resources or if buried historical or archaeological resources were inadvertently discovered and impacted during maintenance

implementation, this could result in a potentially significant impact. In the event this occurs, Mitigation Measure TCR-1 would be implemented to reduce this potentially significant impact to a less-than-significant level. However, all drainages in El Dorado County have been actively flowing since urban development took place with most drainages periodically requiring some level of maintenance, so the chances of this type of event occurring is minimal.

Mitigation Measure TCR-1 – Implement Public Resources Section 21074 (a)(2).

In the event that objects or artifacts that may be tribal cultural resources are encountered during the course of the project, all such activities within 50 feet of the find shall temporarily cease on the project site until the potential tribal cultural resources are properly assessed and treated pursuant to PRC Section 21074 (a)(2).

b) ***Less Than Significant Impact with Mitigation Incorporated.*** As discussed under (a), above, Tribal consultation has not identified any tribal cultural resources within the unincorporated portions of El Dorado County where routine maintenance work would occur, and the Washoe Tribe of Nevada and California responded with no objections as all work would be on existing infrastructure. Mitigation Measure TCR-1 would be implemented in the event of an inadvertent discovery which would ensure that potential tribal cultural resources are properly assessed and treated. Therefore, the project would not cause a substantial adverse change in a significant tribal cultural resource, and this impact would be less than significant with mitigation incorporated.

4.2.19 Utilities/Service Systems

Would the project:	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
a) Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?	☐	☐	☒	☐
b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?	☐	☐	☒	☐
c) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	☐	☐	☐	☒

Would the project:	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
d) Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	☐	☐	☒	☐
e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	☐	☐	☐	☒

Environmental Setting

The project would not be served by any water, wastewater, stormwater, electric power, natural gas, or telecommunication facilities.

Potential Environmental Effects

a) ***Less Than Significant Impact.*** The Department's proposed RMA with the CDFW is not a development project and would not include wastewater-generating or treatment activities, produce additional wastewater, or exceed the applicable wastewater treatment requirements. The project would use some water related to day-to-day project activities although the amount of water used is anticipated to be rather limited. The project, however, would not require relocation or construction of new or expanded water, wastewater, stormwater, electric power, natural gas, or telecommunication facilities. Project impacts would be considered less than significant.

b) ***Less Than Significant Impact.*** The amount of water used for the project is anticipated to be similar to the current amount of water being used. The project would not have significant impacts on water supply availability. Project impacts would be considered less than significant.

c) ***No Impact.*** The project would not create wastewater or subsequent increased demand on existing wastewater treatment facilities.

d) ***Less Than Significant Impact.*** Solid waste generated by the proposed routine maintenance work would be limited to debris from the proposed maintenance activities. The levels of waste produced would be similar to existing conditions. Disposal would occur at permitted landfills and material as appropriate would be recycled and/or composted. Therefore, the proposed project would not generate the need for new solid waste facilities. Project impacts would be considered less than significant.

e) ***No Impact.*** Solid waste disposal would occur in accordance with federal, state, and local regulations.

4.2.20 Wildfire

If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:	*Potentially Significant Impact*	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
a) Substantially impair an adopted emergency response plan or emergency evacuation plan?	☐	☐	☐	☒
b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	☐	☐	☒	☐
c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	☐	☐	☒	☐
d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	☐	☐	☒	☐

Environmental Setting

The long, hot, dry summers in El Dorado County, combined with poor road access, inadequate clearance between structures and vegetation, flammable vegetation, and complex topography, result in severe seasonal wildfire conditions every year with fires that burn with greater intensity and are more difficult to control.

Fire prevention service areas in El Dorado County are comprised of Local Responsibility Area (LRA), SRA, and FRA lands. Within El Dorado County, approximately 565,087 acres are designated as SRA lands—from the western foothills to well above the 3,500-foot elevation (El Dorado County 2004; CAL FIRE 2007). The designation is important because the agency having jurisdiction for wildland fires is fiscally and operationally responsible for fire protection on its lands.

PRC 4201 through 4204 and California Government Code Sections 51175 through 51189 require identification of FHSZs in California. CAL FIRE has established a fire hazard severity classification system. For SRA lands CAL FIRE is required to delineate three fire hazard ranges: Moderate, High, and Very High (CAL FIRE 2021). FHSZ identification is based on the physical condition of an area (fuels, weather, topography) that create the likelihood and expected behavior of fires over a 30- to 50-year time

horizon without considering short-term modifications such as fuel reduction efforts. FHSZ designations are determined based on vegetation, topography, weather, fire history, crown fire potential (a fire's tendency to burn upwards into trees and tall brush), and ember production and movement within the area being consumed. The CAL FIRE Very High FHSZ designation indicates areas where the physical conditions create a very high likelihood that the area will burn over a 30- to 50-year time period, and potentially will burn at a high intensity and speed.

CAL FIRE is responsible for providing wildland fire protection and resource management on over 31 million acres of SRA lands throughout California. In addition, CAL FIRE provides emergency services to 150 local government cooperators through agreements with districts, cities, and counties. CAL FIRE is divided into two regions and 21 operational units. The Amador-El Dorado Unit includes El Dorado, Amador, Alpine, and Sacramento Counties and portions of San Joaquin County. CAL FIRE designations across El Dorado County are Very High, High, or Moderate FHSZs (El Dorado County 2004; CAL FIRE 2007). Battalion 1 of CAL FIRE's Amador-El Dorado Unit has primary responsibility for response to wildland fires in El Dorado County (CAL FIRE 2021). Battalion 1 encompasses approximately 590,000 acres in El Dorado and Sacramento counties. El Dorado County communities within the Battalion 1 service area include Camino, Diamond Springs, El Dorado, El Dorado Hills, Pioneer, Logtown, Latrobe, Nashville, Cameron Park, Placerville, Pleasant Valley, Pollock Pines, Rescue, Shingle Springs, and Grizzly Flats. Within Battalion 1, El Dorado Station 43 would provide first response to project sites. El Dorado Station 43 at 5660 Mother Lode Drive in Placerville houses two Type III fire engines and one Type II fire dozer (CAL FIRE 2021). It also houses one dozer tender unit and is the Battalion Chief Headquarters.

Additionally, El Dorado County is divided into 13 separate fire protection districts (El Dorado County 2004:Figure PS-3):

- Georgetown Fire Protection District,
- Garden Valley Fire Protection District,
- El Dorado County Fire Protection District,
- Rescue Fire Protection District,
- El Dorado Hills County Water District,
- Cameron Park Community Services District,
- Latrobe Fire Protection District,
- Diamond Springs/El Dorado Fire Protection District,
- Mosquito Fire Protection District,
- Pioneer Fire Protection District,
- Lake Valley Fire Protection District,
- Fallen Leaf Lake Community Services District, and
- Meeks Bay Fire Protection District.

Although the bulk of El Dorado County is either designated as SRA or FRA lands, all fire agencies in El Dorado County work cooperatively to suppress wildland fires. Reciprocal assistance provided by CAL FIRE would be to respond to non-wildland emergencies such as auto accidents, medical emergencies, rescues, hazardous materials emergencies, and structure fires.

Potential Environmental Effects

a) ***No Impact.*** Implementation of the Department's proposed RMA with the CDFW would not include road closures or generate substantial traffic volumes that could create a hazard or slow the movement of vehicles. Therefore, the proposed routine maintenance work would not impair an adopted emergency response plan or emergency evacuation plan such as the *El Dorado County Operational Area Multi-Hazard Functional Emergency Operations Plan*, as implemented by the County Office of Emergency Services (OES) of the County Sheriff's Department, and the *El Dorado County Local Hazard Mitigation Plan* (El Dorado County 2019b; El Dorado County OES 2019).

b) ***Less Than Significant Impact.*** Implementation of the Department's proposed RMA with the CDFW would support the goals and objectives of numerous strategic plans that encompass the project area, including the *2018 Strategic Fire Plan for California*, *2012 Strategic Fire Plan for Amador-El Dorado-Sacramento Alpine Unit*, CAL FIRE *2022 Amador-El Dorado Ranger Unit Strategic Fire Plan*, and *Western El Dorado County Community Wildfire Protection Plan*. The goal of the Department's proposed RMA is to maintain the condition of the Department's public infrastructure to protect public safety and water quality. Vegetation management associated with the routine maintenance work would help limit the potential for wildfires and would protect critical habitat and water supplies. Therefore, the proposed project would not exacerbate wildfire risk or expose people to pollutant concentrations from a wildfire or uncontrolled spread of a wildfire. Project impacts would be considered less than significant.

c) ***Less than Significant Impact.*** Implementation of the Department's proposed RMA with the CDFW would not require the installation of additional associated infrastructure such as road, power line, or utility extensions but would require maintenance of existing infrastructure such as roads and bridges on a routine basis. Typical activities associated with the routine maintenance of such infrastructure would include the use of equipment with ignition risks (including equipment for vegetation management and vehicles for site access); however, none of the routine maintenance work would exacerbate fire risk and would not result in temporary or ongoing physical environmental impacts. Project impacts would be considered less than significant.

d) ***Less Than Significant Impact.*** Implementation of the Department's proposed RMA with the CDFW would be limited to routine maintenance work and subject to the VRF process with the CDFW. Implementation would not include development that would expose people or structures to significant risks associated with wildfires, including downslope or downstream flooding or

landslides, as a result of runoff, post-fire instability, or drainage changes. Conversely, vegetation management is one of the routine maintenance activities and this type of routine maintenance work would have long-term environmental benefits by minimizing erosion, siltation, and flooding at County facilities. Project impacts would be considered less than significant.

4.2.21 Mandatory Findings of Significance

	Potentially Significant Impact	*Less Than Significant with Mitigation Incorporated*	*Less Than Significant Impact*	*No Impact*
a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	☐	☒	☐	☐
b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?	☐	☐	☒	☐
c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	☐	☐	☒	☐

Potential Environmental Effects

a) ***Less Than Significant with Mitigation Incorporated.*** The implementation of the avoidance and minimization measures incorporated into the project, BMPs, and the mitigation measures identified under Section 4.2.4 (Biological Resources), Section 4.2.5 (Cultural Resources), Section 4.2.7 (Geology and Soils), and Section 4.2.18 (Tribal Cultural Resources) would ensure that the routine maintenance work under the Department's proposed RMA with the CDFW would not:

- degrade the quality of the environment,

- substantially reduce the habitat of a fish or wildlife species,
- cause a fish or wildlife population to drop below self-sustaining levels,
- threaten to eliminate a plant or animal community,
- reduce the number or restrict the range of a rare or endangered plant or animal, or
- eliminate important examples of the major periods of California history or prehistory.

b) ***Less than Significant.*** The routine maintenance work under the Department's proposed RMA with the CDFW is consistent with the General Plan and would not result in individually limited but cumulatively significant impacts when considered with past, present, and reasonably foreseeable projects. Therefore, the routine maintenance work under the Department's proposed RMA would not cause any additional environmental effects or significantly contribute to a cumulative impact.

c) ***Less than Significant.*** The routine maintenance work under the Department's proposed RMA with the CDFW would not result in substantial direct or indirect adverse effects from noise during project construction, nor would it result in impacts to air quality, water quality or utilities and public services. BMPs such as minimizing equipment idling time and use of water or similar chemical palliative to control fugitive dust would be implemented as part of the routine maintenance work. Additionally, with no development component, the routine maintenance work would not generate any operations-related direct or indirect adverse effects. Therefore, the routine maintenance work under the Department's proposed RMA would not cause substantial adverse effects on human beings.

5. Determination

5.1 Environmental Factors Potentially Affected

This Initial Study has determined that in the absence of mitigation, the routine maintenance work to be performed by the Department under the proposed RMA could have the potential to result in significant impacts associated with the factors checked below. Mitigation measures are identified in this Initial Study that would reduce all potentially significant impacts to less-than-significant levels.

___	Aesthetics	___	Mineral Resources
___	Agricultural Resources	___	Noise
___	Air Quality	___	Population and Housing
✓	Biological Resources	___	Public Services
✓	Cultural Resources	___	Recreation
✓	Geology and Soils	___	Transportation/Traffic
___	Greenhouse Gas Emissions	✓	Tribal Cultural Resources
___	Hazards and Hazardous Materials	___	Utilities and Service Systems
___	Hydrology and Water Quality	✓	Mandatory Findings of Significance
___	Land Use and Planning	___	None Identified

On the basis of this initial evaluation:

☐ I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

☒ I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because the project-specific mitigation measures described in Section IV have been added to the project. A MITIGATED NEGATIVE DECLARATION will be prepared.

☐ I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

☐ I find that the Project MAY have a "Potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.

☐ I find that although the Project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

Signature: _____ **Date:** _____

Name and Title: _____

6. Report Preparation and References

6.1 Report Preparation

El Dorado County, Department of Transportation– CEQA Lead Agency

Jon Balzer	Project Manager

SWCA Environmental Consultants.

Peter Mye	Planner
Bill Spain	Planner
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Patty Hardesty	Biological Services
Marty Kooistra	CAD/GIS Analyst

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Appendix A: Mitigation Monitoring and Reporting Plan

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MITIGATION MONITORING AND REPORTING PLAN
EL DORADO COUNTY DEPARTMENT OF TRANSPORTATION
ROUTINE MAINTENANCE AGREEMENT (RMA) PROJECT

CEQA LEAD AGENCY:
El Dorado County Department of Transportation

PREPARED:
May 2024

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Introduction

The El Dorado County Department of Transportation (Department) is pursuing a 12-year Routine Maintenance Agreement (RMA) with the California Department of Fish and Wildlife (CDFW) for their routine maintenance program.

As described in the Initial Study/Mitigated Negative Declaration (IS/MND), the proposed project incorporates a number of measures to minimize adverse effects on the environment. The IS/MND also identified several mitigation measures that are required to reduce potentially significant impacts to less-than-significant levels. This Mitigation Monitoring and Reporting Plan (MMRP) describes a program for ensuring that these mitigation measures are implemented in conjunction with the proposed project. The Department, as the lead agency under the California Environmental Quality Act (CEQA), is responsible for overseeing the implementation and administration of this MMRP. El Dorado County (the County) will designate a staff member to manage the MMRP. Duties of the staff member responsible for program coordination will include conducting routine inspections and reporting activities, coordinating with the project construction contractor, coordinating with regulatory agencies, and ensuring enforcement measures are taken.

Regulatory Framework

California Public Resources Code Section 21081.6 and California Code of Regulations Title 14, Chapter 3, Section 15097 require public agencies to adopt mitigation monitoring or reporting plans when they approve projects under an MND. The reporting and monitoring plans must be adopted when a public agency makes its findings pursuant to CEQA so that the mitigation requirements can be made conditions of project approval.

Format of this Plan

Mitigation measures are followed by an implementation description, the criteria used to determine the effectiveness of the mitigation, the timeframe for implementation, and the party responsible for monitoring the implementation of the measure. Implementation of mitigation measures is ultimately the responsibility of the County; during construction, the delegated responsibility is shared by the County's contractors.

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Mitigation Monitoring and Reporting Plan El Dorado County Department of Transportation Routine Maintenance Agreement with the California Department of Fish and Wildlife						
Environmental Factor	**Mitigation Measure #**	**Environmental Protection Measures**	**Timing**	**Implementing Party**	**Monitoring Party**	**Frequency & Duration**
Biological Resources	BIO-1	**Worker Awareness Training** *Worker Awareness Training* The Department will provide training to all persons working on the project site prior to performing any work. The qualified biologist or biological monitor will discuss the biology and habitat of species with potential to occur at the work site. Color photos of the species at issue will be provided during the training. Training will include locations of habitat for special-status species and discussion of legal protections for those species. Interpretation will be provided for non-English speaking workers. New workers will receive the same training prior to working on-site. All workers will sign a form stating they attended the training and understand the protective measures. *Surveys* The Department will conduct either desktop or field habitat assessments on a project-by-project basis as exact work areas are determined. If suitable habitat for special-status species is present, additional, species-specific measures will be implemented. Surveys for special-status species and habitats will be conducted by a qualified biologist. The biologist will have academic training in biological sciences and experience conducting surveys for each special-status species that may be present in the work area. The biologist will have professional experience and knowledge in special-status species identification, ecology, and habitat requirements. Results of the surveys will be provided to the CDFW.	Preconstruction and Construction Phases	El Dorado County/ Contractor	El Dorado County/ Qualified Biologist	Once Prior to Construction and During Construction

Mitigation Monitoring and Reporting Plan El Dorado County Department of Transportation Routine Maintenance Agreement with the California Department of Fish and Wildlife						
Environmental Factor	**Mitigation Measure #**	**Environmental Protection Measures**	**Timing**	**Implementing Party**	**Monitoring Party**	**Frequency & Duration**
		Monitoring If special-status species or their habitat are present in the project area, as determined by a biologist, the Department will obtain a biological monitor to ensure impacts to special-status species are avoided or minimized. The biological monitor will be authorized to stop work, if necessary, to protect special-status species or habitats. The CDFW will be notified of all work stoppages or occurrences of special-status species during monitoring. If relocation of special-status species is determined to be necessary, the Department shall ensure that the qualified biologist has the necessary handling permits and shall demonstrate compliance with CESA.				
Biological Resources	BIO-2	**Vernal Pool Habitat Avoidance** Prior to submission of a Verification Request Form (VRF) to the CDFW, site-level assessments will be conducted and projects will be designed to avoid habitat for vernal pool crustaceans to the maximum extent practicable. Vernal pools occur in the BSA at very low density up to approximately 2,800 feet and one occurrence of vernal pool fairy shrimp (VPFS) is documented near Green Valley Road, southeast of Folsom Lake (Holland 2009). 1. West of South Shingle Road to the Sacramento County line 2. South of US 50 and east of SR 49 a. Pleasant Valley Road b. Fairplay Road c. Coyote Ridge Road 3. North of US 50 a. Serrano Country Club near El Dorado Hills	Preconstruction	El Dorado County	El Dorado County	Prior to Construction

Mitigation Monitoring and Reporting Plan El Dorado County Department of Transportation Routine Maintenance Agreement with the California Department of Fish and Wildlife						
Environmental Factor	**Mitigation Measure #**	**Environmental Protection Measures**	**Timing**	**Implementing Party**	**Monitoring Party**	**Frequency & Duration**
		b. SR 49 at Pilot Hill If work activities must occur within 50 feet of vernal pool crustacean habitat, then a buffer of visible orange fencing will be installed around the sensitive habitat. No personnel or equipment will be allowed beyond the fencing.				
Biological Resources	BIO-3	**Valley Elderberry Longhorn Beetle (VELB)** Prior to submission of a Verification Request Form (VRF), surveys for elderberry shrubs will be conducted in the proposed work area if work will occur in the known range of valley elderberry longhorn beetle (VELB) in the BSA. The VELB range in the BSA is primarily west of SR 49 and below 500 feet in elevation (USFWS 2016, 2017). If surveys are required, they will be conducted by a qualified biologist familiar with the appearance of VELB exit holes in elderberry shrubs. Elderberry shrubs will be avoided to the maximum extent practicable. For elderberry shrubs identified within the work area that cannot be avoided, the following measures will be implemented: • USFWS approval will be obtained for work within 100 feet of elderberry shrubs. • Buffers using stakes and flagging will provide a minimum setback of 20 feet from the dripline of each elderberry plant. • Contractors and work crews will be briefed on the status of VELB, buffers, the need to protect elderberry host plants, and possible penalties for damaging elderberry plants. • If elderberry shrubs are determined to have no stems greater than 1-inch diameter at ground level or are absent of VELB exit holes, then	Preconstruction and Construction Phases	El Dorado County/ Contractor	El Dorado County/ Qualified Biologist	Once Prior to Construction and During Construction

Mitigation Monitoring and Reporting Plan El Dorado County Department of Transportation Routine Maintenance Agreement with the California Department of Fish and Wildlife						
Environmental Factor	**Mitigation Measure #**	**Environmental Protection Measures**	**Timing**	**Implementing Party**	**Monitoring Party**	**Frequency & Duration**
		trimming/ removal is allowed following USFWS Guidelines (USFWS 1999).				
	BIO-4	**Amphibians and Reptiles Below 5,000 feet** In the BSA, California red-legged frog (CRLF), foothill yellow-legged frog (FYLF), and western pond turtle (WPT) are not expected to occur above 5,000 feet elevation. If possible, work activities below 5,000 feet will be conducted between 1 July and 15 October. A qualified wildlife biologist will conduct a preconstruction survey within 48 hours of the commencement of work activities for CRLF, FYLF, and WPT where suitable habitat and potential for these species exist near each work area. The survey will include all potential habitat within the proposed work area and 50 feet upstream and downstream. If the biologist discovers any life stage of CRLF, FYLF, or WPT, a biological monitor will be contracted to monitor work so that these species are not harmed. For project activities conducted between 16 October and 30 June within suitable habitat for CRLF, FYLF, or WPT, a full-time biological monitor will be present, regardless of whether the species was detected. If an individual of these species is detected in the work area, work activities in the immediate vicinity will halt until the species leaves of its own volition and a qualified biologist will determine if additional measures are necessary on a site- and project-specific basis to avoid take of the species. No special-status species will be relocated or otherwise handled without the proper handling permits and/or CESA take coverage.	Preconstruction and Construction Phases	El Dorado County/ Contractor	El Dorado County/ Qualified Biologist	Once Prior to Construction and During Construction

Mitigation Monitoring and Reporting Plan El Dorado County Department of Transportation Routine Maintenance Agreement with the California Department of Fish and Wildlife						
Environmental Factor	**Mitigation Measure #**	**Environmental Protection Measures**	**Timing**	**Implementing Party**	**Monitoring Party**	**Frequency & Duration**
	BIO-5	**Amphibians and Reptiles Above 5,000 feet** In the BSA, mountain yellow-legged frog (MYLF), Sierra Nevada yellow-legged frog (SNYLF), and southern long-toed salamander (SLTS) are not expected to occur below 5,000 feet elevation. If possible, work activities above 5,000 feet will be conducted between 1 July and 15 October. A qualified wildlife biologist will conduct a preconstruction survey within 48 hours of the commencement of work activities for MYLF, SNYLF, and SLTS where suitable habitat and potential for these species exist near each work area. The survey will include all potential habitat within the proposed work area and 50 feet upstream and downstream. If the biologist discovers any life stage of MYLF, SNYLF, or SLTS, a biological monitor will be contracted to monitor work so that these species are not harmed. For project activities conducted between 16 October and 30 June within suitable habitat for MYLF, SNYLF, and SLTS, a full-time biological monitor will be present, regardless of whether the species was detected. If an individual of these species is detected in the work area, work activities in the immediate vicinity will halt until the species leaves of its own volition and a qualified biologist will determine if additional measures are necessary on a site- and project-specific basis to avoid take of the species. No special-status species will be relocated or otherwise handled without the proper handling permits and/or CESA take coverage.	Preconstruction and Construction Phases	El Dorado County/ Contractor	El Dorado County/ Qualified Biologist	Once Prior to Construction and During Construction

Mitigation Monitoring and Reporting Plan El Dorado County Department of Transportation Routine Maintenance Agreement with the California Department of Fish and Wildlife						
Environmental Factor	**Mitigation Measure #**	**Environmental Protection Measures**	**Timing**	**Implementing Party**	**Monitoring Party**	**Frequency & Duration**
Biological Resources	BIO-6	**Swainson's Hawk & Nesting Birds** Vegetation control using hand tools and herbicide spraying will occur between 15 August and 1 March to avoid impacts to nesting birds. Vegetation control by mechanical means will occur between 15 August and 15 October. If vegetation control must occur outside these times a preconstruction survey for nesting birds will be conducted by a qualified biologist according to the following conditions: • If project activities must occur during the Swainson's hawk nesting season (20 March –31 July), a qualified biologist will conduct Swainson's hawk surveys of suitable habitat in the project area and a 0.5-mile buffer in accordance with *Recommended Timing and Methodology for Swainson's Hawk Nesting Surveys in California's Central Valley* (Swainson's Hawk Technical Advisory Committee 2000). If an active nest is observed, a 0.5-mile buffer will be maintained until all nestlings have fledged or the nest fails for reasons not caused by project activities. A qualified biologist will monitor the nest on a weekly basis and may increase or decrease the buffer depending on the birds' disturbance tolerance levels. • For project activities occurring during the bird nesting season (1 February–31 August), a qualified biologist will survey the project area and a 350-foot buffer for nesting raptors (other than Swainson's hawk) and 100-foot buffer for all other avian species. The survey will be conducted no more than 5 calendar days prior to any ground-disturbing activity or vegetation	Preconstruction and Construction Phases	El Dorado County/ Contractor	El Dorado County/ Qualified Biologist	Once Prior to Construction and During Construction

Mitigation Monitoring and Reporting Plan El Dorado County Department of Transportation Routine Maintenance Agreement with the California Department of Fish and Wildlife						
Environmental Factor	**Mitigation Measure #**	**Environmental Protection Measures**	**Timing**	**Implementing Party**	**Monitoring Party**	**Frequency & Duration**
		removal. If active nests are observed, the biologist will establish an appropriate avoidance buffer to be maintained until all nestlings have fledged or the nest fails for reasons not caused by project activities. A qualified biologist will monitor the nest on a weekly basis and may increase or decrease the buffer depending on the birds' disturbance tolerance levels. • If there is a break in maintenance activities of more than 5 days, additional nest surveys will be required prior to resuming work.				
Biological Resources	BIO-7	**Burrowing Owl** A qualified biologist will conduct Take Avoidance Surveys in accordance with Appendix E of the Staff Report on Burrowing Owl Mitigation (CDFW 2012). An initial Take Avoidance Survey will be conducted no less than 14 days prior to initiating ground-disturbing activities and a final survey will be conducted within 24 hours prior to ground disturbance. The preconstruction survey for burrowing owls will include all potential burrowing owl habitat within 500 feet of the project. Portions of the survey area located on private land will be surveyed from all publicly accessible areas. If active burrowing owl burrows are found, the following measures shall be implemented: • During the non-breeding season (1 September–31 January), the biologist shall establish a 160-foot buffer around the burrow. During the breeding season (1 February–31 August), the biologist shall establish a 250-foot buffer	Preconstruction and Construction Phases	El Dorado County/ Contractor	El Dorado County/ Qualified Biologist	Once Prior to Construction and During Construction

Mitigation Monitoring and Reporting Plan El Dorado County Department of Transportation Routine Maintenance Agreement with the California Department of Fish and Wildlife						
Environmental Factor	**Mitigation Measure #**	**Environmental Protection Measures**	**Timing**	**Implementing Party**	**Monitoring Party**	**Frequency & Duration**
		around the burrow in consultation with the CDFW. • The size of the buffer may be reduced if the biologist monitors the construction activities and determines that no disturbance to the burrowing owl is occurring. Reduction of buffer size depends on the location of the burrow relative to the project, project activities during the time the burrow is active, and other project-specific factors. • If the burrow is located within the construction zone and it is during the non-breeding season, the burrowing owl can be passively excluded from the burrow using one-way doors, as described in the Exclusion Plan of Appendix E of the Staff Report on Burrowing Owl Mitigation (CDFW 2012). • If the burrow is located within the construction zone and it is during the breeding season, the burrowing owl can only be passively excluded if it has been confirmed that the owl has not begun egg laying and incubation, the clutch was unsuccessful, or juveniles from the occupied burrows are foraging independently and are capable of independent survival.				
Biological Resources	BIO-8	**Special-Status Plants and El Dorado County Oaks** An oak woodland removal permit will be obtained prior to the removal of any protected tree in accordance with the Oak Resource Management Plan (ORMP). If habitat assessments under Mitigation Measure BIO-1 determine that suitable habitat for special-	Preconstruction and Construction Phases	El Dorado County/ Contractor	El Dorado County/ Qualified Botanist	Once Prior to Construction and During Construction

Mitigation Monitoring and Reporting Plan El Dorado County Department of Transportation Routine Maintenance Agreement with the California Department of Fish and Wildlife						
Environmental Factor	**Mitigation Measure #**	**Environmental Protection Measures**	**Timing**	**Implementing Party**	**Monitoring Party**	**Frequency & Duration**
		status plant species is present and cannot be avoided, a qualified botanist will conduct protocol-level surveys for special-status plant species with the potential to be affected by the maintenance work. The survey will follow the methods in the current version of CDFW's "Protocols for Surveying and Evaluating Impacts to Special Status Native Plant Populations and Sensitive Natural Communities (U.S. Fish and Wildlife)." Surveys to determine the presence or absence of special-status plant species will be conducted in suitable habitat and timed to coincide with the blooming or other appropriate phenological period of the target species (as determined by a qualified botanist), or all species in the same genus as the target species will be assumed to be special-status. If potentially occurring special-status plants are listed under CESA or ESA, protocol-level surveys to determine presence/absence of the listed species will be conducted in all circumstances, unless determined otherwise by CDFW or USFWS. For other special-status plants not listed under CESA or ESA, surveys will not be required under the following circumstances: • If protocol-level surveys, consisting of at least two survey visits (e.g., early blooming season and later blooming season) during a normal weather year, have been completed in the 5 years before implementation of the treatment project and no special-status plants were found, maintenance may proceed without additional plant surveys. • If the target special-status plant species is an herbaceous annual, stump-sprouting, or				

Mitigation Monitoring and Reporting Plan El Dorado County Department of Transportation Routine Maintenance Agreement with the California Department of Fish and Wildlife						
Environmental Factor	**Mitigation Measure #**	**Environmental Protection Measures**	**Timing**	**Implementing Party**	**Monitoring Party**	**Frequency & Duration**
		geophyte species, maintenance may be carried out during the dormant season for that species or when the species has completed its annual lifecycle without conducting presence/absence surveys provided the maintenance activity will not alter habitat or destroy seeds, stumps, or roots, rhizomes, bulbs, and other underground parts in a way that would make it unsuitable for the target species to reestablish following maintenance. If maintenance work involves the spraying of herbicide, ground disturbance or vegetation removal within 50 feet of vernal pools or wetlands, the following conditions will apply: • A qualified botanist with familiarity of the flora of El Dorado County will conduct a focused survey for the special-status plants with potential to occur. The survey will be conducted between April and May, during the evident and identifiable period. If maintenance work involves the spraying of herbicide, ground disturbance or vegetation removal within ponds, slow-flowing streams, or ditches, then the following condition will apply: • A qualified botanist with familiarity of the flora of El Dorado County will conduct a focused survey for Sanford's arrowhead. The survey will be conducted between May and November, during the evident and identifiable period. If herbicides will be used: • Only herbicides registered with the California Department of Pesticide Regulation will be used. Herbicide application will be in				

Mitigation Monitoring and Reporting Plan El Dorado County Department of Transportation Routine Maintenance Agreement with the California Department of Fish and Wildlife						
Environmental Factor	**Mitigation Measure #**	**Environmental Protection Measures**	**Timing**	**Implementing Party**	**Monitoring Party**	**Frequency & Duration**
		accordance with labeled instructions. Pre- and post-emergent herbicides will be applied only during the time periods recommended by the California Department of Pesticide Regulation. If present, populations of special-status plants will be protected by a buffer of visible orange fencing around the avoidance area.				
Biological Resources	BIO-9	**Roosting Bats** Routine maintenance work, including washing, painting, debris, and sediment removal on bridges, will be conducted between 1 August and 15 February to avoid impacts to roosting bats. If maintenance work on bridges must be conducted between 16 February and 30 September, a qualified biologist will conduct a survey within 2 weeks prior to work activities to determine bat use of the bridge. If no bats and/or bat sign is observed, no further avoidance and minimization measures are necessary. If it is determined that bats are using the bridge as a maternity or hibernation roost, the qualified biologist shall determine an appropriate avoidance buffer and submit the buffer and avoidance plan to CDFW for review. The avoidance buffer may be reduced if a qualified biologist monitors the work activities and determines that no disturbance to the roost is occurring. Reduction of the buffer depends on the species of bat, the location of the roost relative to project activities, activities during the time the roost is active, and other project-specific conditions. No work shall occur in the buffers until it is determined that the bats have left on their own, or	Preconstruction and Construction Phases	El Dorado County/ Contractor	El Dorado County/ Qualified Biologist	Once Prior to Construction and During Construction

Mitigation Monitoring and Reporting Plan El Dorado County Department of Transportation Routine Maintenance Agreement with the California Department of Fish and Wildlife						
Environmental Factor	**Mitigation Measure #**	**Environmental Protection Measures**	**Timing**	**Implementing Party**	**Monitoring Party**	**Frequency & Duration**
		until the end of the hibernation or maternity season, at which time exclusion devices can be installed. If it is determined that the bats are not using the bridge as a maternity or hibernation site, exclusion devices shall be installed a minimum of 48 hours prior to work activities to ensure the bats have time to leave before work begins. Exclusion devices shall remain in place until maintenance work is complete.				
Cultural Resources	CULT-1	**Archaeological Resources** • If archaeological materials are encountered during construction activities, construction crews shall stop all work within 100 feet of the discovery until a qualified archaeologist can assess the discovery and provide recommendations. Such treatment and resolution could include modifying the project to allow the materials to be left in place or undertaking data recovery of the materials in accordance with standard archaeological methods. The preferred treatment of the resource is protection and preservation. • Resources could include buried historic features, such as artifact-filled privies, wells, and refuse pits, and artifact deposits, along with concentrations of adobe, stone, or concrete walls or foundations and concentrations of ceramic, glass, or metal materials. Native American archaeological materials could include obsidian and chert flaked stone tools (such as projectile points and knives), midden (darkened soil created culturally from use and containing heat-affected rock, artifacts, animal bones, or shellfish remains), and/or groundstone implements (such as mortars and pestles).	Construction Phases	El Dorado County/ Contractor	El Dorado County	During Construction

Mitigation Monitoring and Reporting Plan El Dorado County Department of Transportation Routine Maintenance Agreement with the California Department of Fish and Wildlife						
Environmental Factor	**Mitigation Measure #**	**Environmental Protection Measures**	**Timing**	**Implementing Party**	**Monitoring Party**	**Frequency & Duration**
		Project personnel shall not collect cultural materials.				
Cultural Resources	CULT-2	**Human Remains** • **Implement State Health and Safety Code Section 7050.5.** If human remains are discovered, State Health and Safety Code Section 7050.5 states that further disturbances and activities shall cease in any area or nearby area suspected to overlie remains, and the County Coroner contacted. • **Implement Public Resources Code Section 5097.9 et seq.** Pursuant to PRC 5097.98, if the remains are thought to be Native American, the coroner will notify the Native American Heritage Commission (NAHC) who will then notify the Most Likely Descendent (MLD). Further provisions of PRC 5097.9 et seq. are to be followed as applicable. • **Implement Public Resources Code Section 5097.5 et seq.** Pursuant to PRC 5097.5, no person shall knowingly and willfully excavate upon, or remove, destroy, injure, or deface, any historic or prehistoric ruins, burial grounds, archaeological, or vertebrate paleontological site, including fossilized footprints, inscriptions made by human agency, rock art, or any other archaeological, paleontological, or historical feature, situated on public lands, except with the express permission of the public agency having jurisdiction over the lands.	Construction Phases	El Dorado County/ Contractor	El Dorado County	During Construction

Mitigation Monitoring and Reporting Plan El Dorado County Department of Transportation Routine Maintenance Agreement with the California Department of Fish and Wildlife						
Environmental Factor	**Mitigation Measure #**	**Environmental Protection Measures**	**Timing**	**Implementing Party**	**Monitoring Party**	**Frequency & Duration**
Geology and Soils	GEO-1	**Paleontological Resources** If paleontological resources (e.g., vertebrate bones, teeth, abundant and well-preserved invertebrates or plants) are encountered during construction, the applicant will ensure work in the immediate vicinity shall be diverted away from the find until a professional paleontologist assesses and salvages the find, if necessary.	Construction Phases	El Dorado County/ Contractor	El Dorado County	During Construction
Tribal Cultural Resources	TCR-1	**Implement Public Resources Section 21074 (a)(2)** In the event that objects or artifacts that may be tribal cultural resources are encountered during the course of the project, all such activities within 50 feet of the find shall temporarily cease on the project site until the potential tribal cultural resources are properly assessed and treated pursuant to PRC Section 21074 (a)(2).	Construction Phases	El Dorado County/ Contractor	El Dorado County	During Construction

Appendix B: El Dorado County Road System (Maps)

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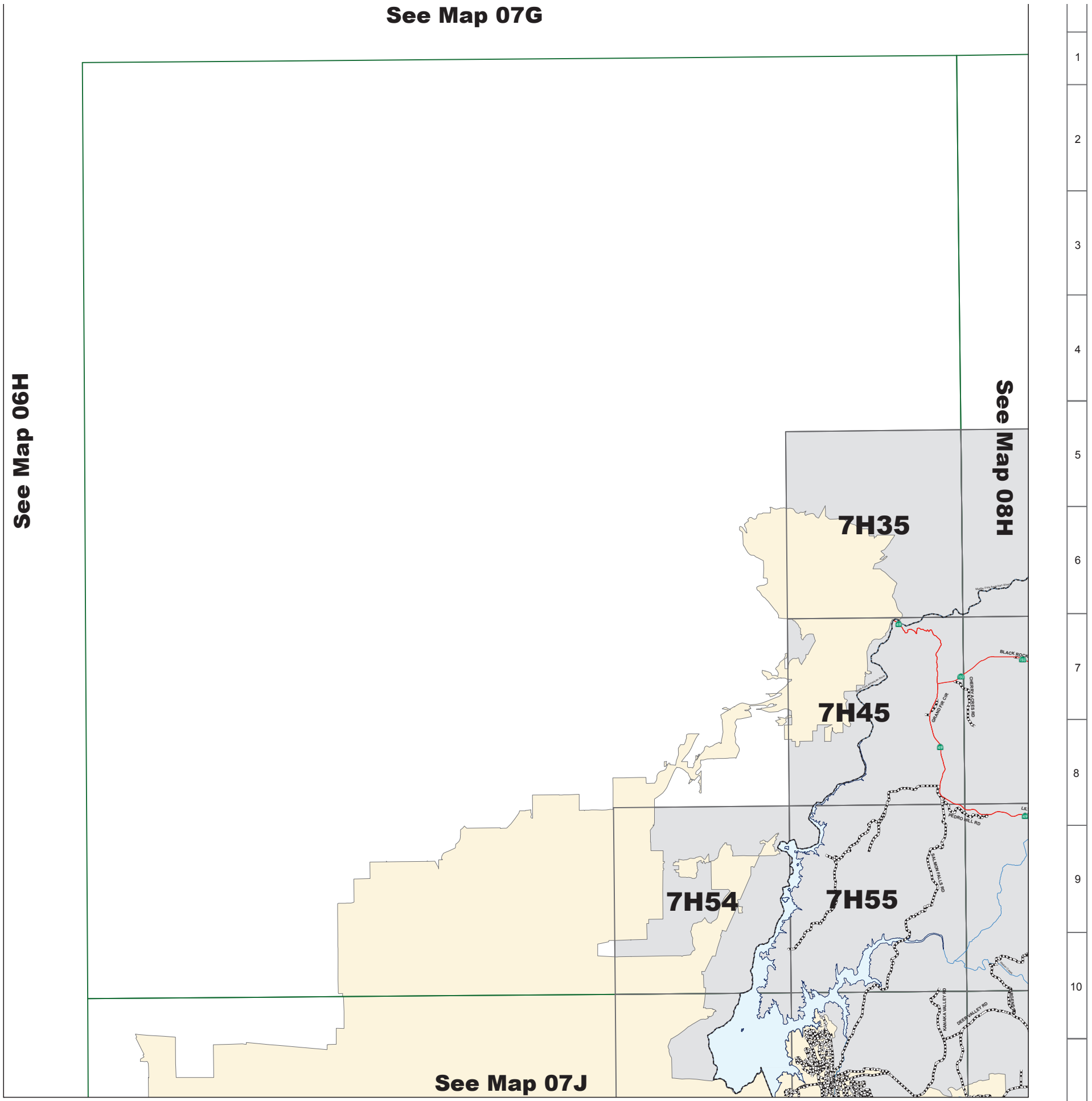
See Map 06H

See Map 07G

See Map 08H



See Map 07J

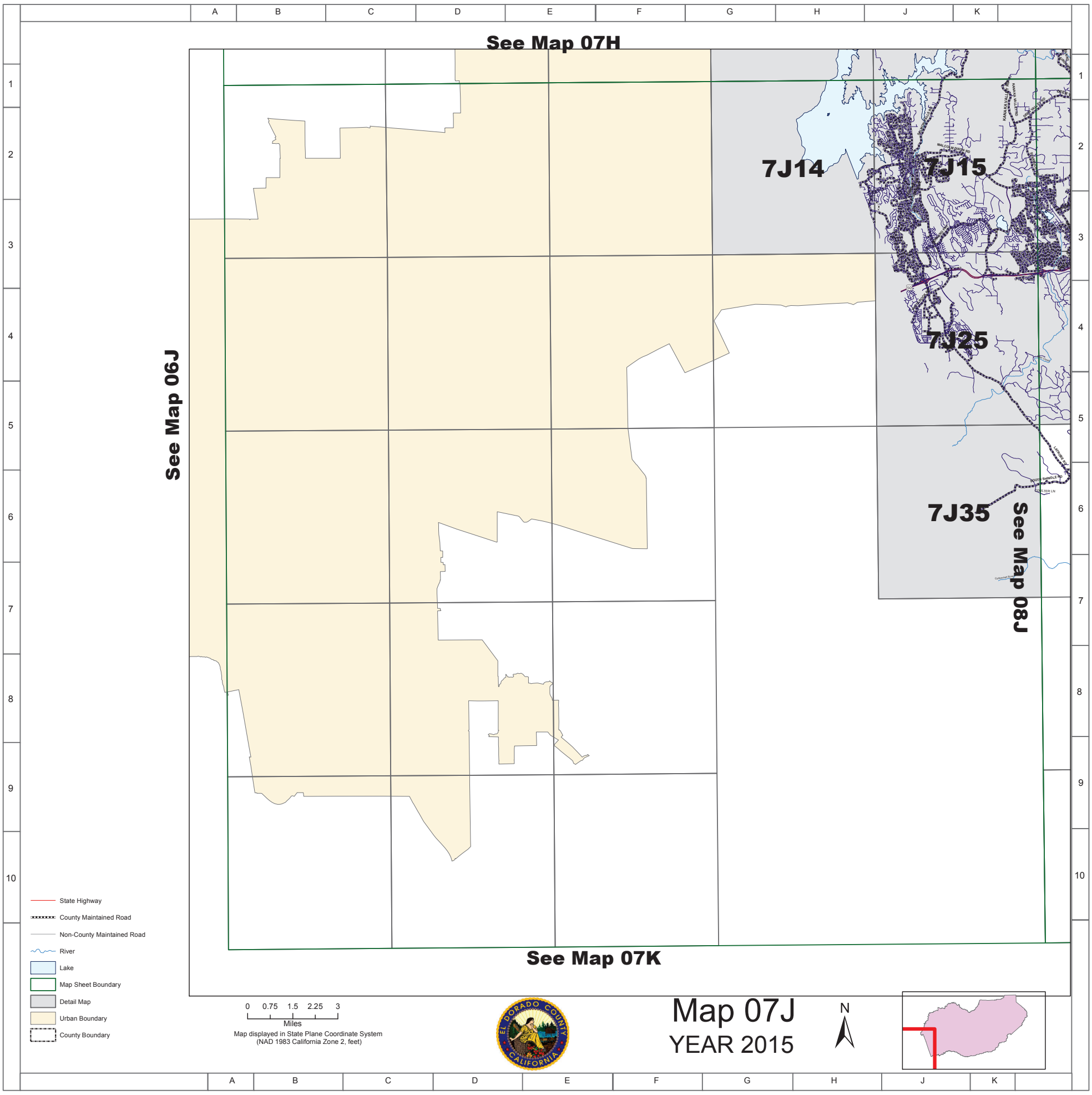
ed Road
ntained Road
ndary

0 1 2 3 4
Miles
Map displayed in State Plane Coordinate System
(NAD 1983 California Zone 2, feet)

Map 07H

YEAR 2015

N


See Map 07H
7J14
7J15
7J25
7J35
See Map 06J
See Map 08J
See Map 07K
State Highway
County Maintained Road
Non-County Maintained Road
River
Lake
Map Sheet Boundary
Detail Map
Urban Boundary
County Boundary
0 0.75 1.5 2.25 3
Miles
Map displayed in State Plane Coordinate System
(NAD 1983 California Zone 2, feet)
Map 07J
YEAR 2015
N

See Map 7H25

See Map 7H34

See Map 8H31

Non-County Maintained Road

See Map 7H45

0 0.225 0.45 0.675 0.9

Miles

Map displayed in State Plane Coordinate System
(NAD 1983 California Zone 2, feet)

River

Map Sheet Boundary

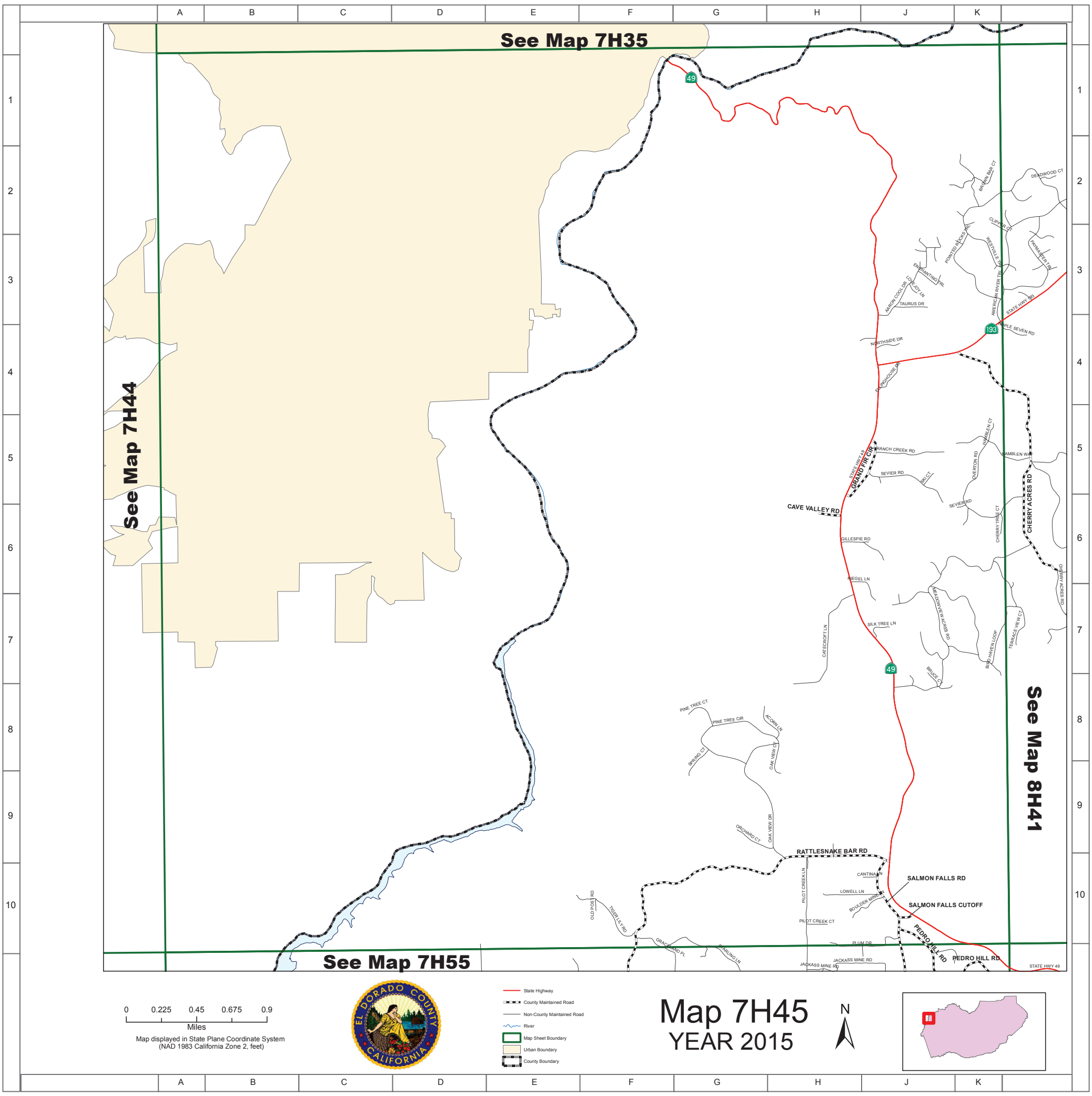
Urban Boundary

County Boundary

Map 7H35

YEAR 2015

N


See Map 7H35
See Map 7H44
See Map 8H41
See Map 7H55
CAVE VALLEY RD
RATTLESNAKE BAR RD
SALMON FALLS RD
SALMON FALLS CUTOFF
PEDRO HILL RD
CHERRY ACRES RD
GRAND FIR CIR
BRANCH CREEK RD
SEVIER RD
GILLESPIE RD
NIEGEL LN
SILK TREE LN
STATE HWY 193
STATE HWY 49
0 0.225 0.45 0.675 0.9
Miles
Map displayed in State Plane Coordinate System
(NAD 1983 California Zone 2, feet)
State Highway
County Maintained Road
Non-County Maintained Road
River
Map Sheet Boundary
Urban Boundary
County Boundary
Map 7H45
YEAR 2015
N

See Map 7H44

See Map 7H53

See Map 7H55

See Map 7J14

RATTLESNAKE BAR RD

OAKHILL LN

GEORGETOWN

ARGENTINA LN

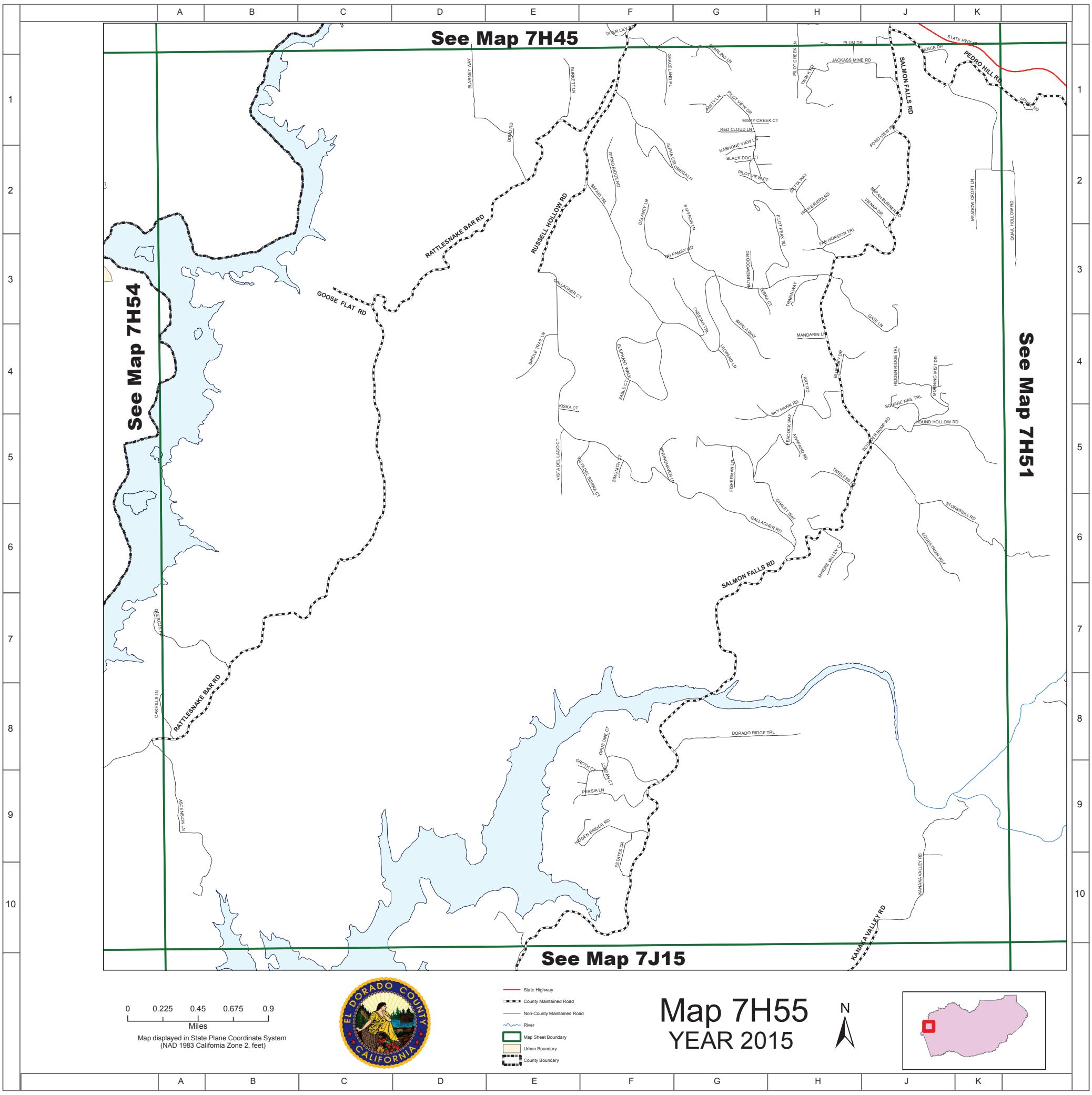
0 0.225 0.45 0.675 0.9
Miles

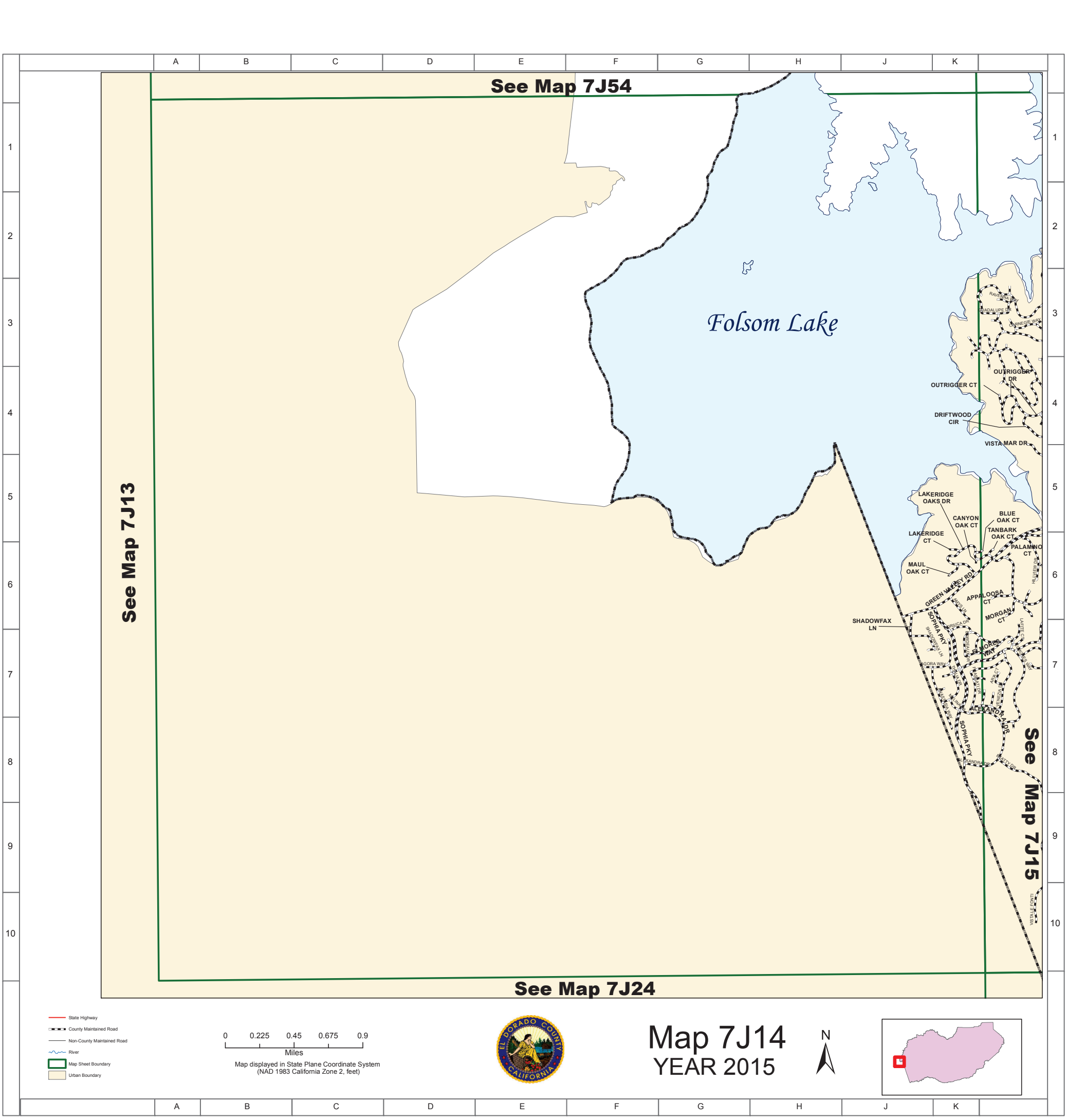
Map displayed in State Plane Coordinate System
(NAD 1983 California Zone 2, feet)

State Highway
County Maintained Road
Non-County Maintained Road
River
Map Sheet Boundary
Urban Boundary
County Boundary

Map 7H54
YEAR 2015

N


See Map 7H45
See Map 7H54
See Map 7H51
See Map 7J15
RATTLESNAKE BAR RD
GOOSE FLAT RD
RUSSELL HOLLOW RD
SALMON FALLS RD
PEDRO HILL RD
STATE HWY 49
PLUM DR
JACKASS MINE RD
PILOT CREEK LN
TWIN K RD
LANCE DR
UPLAND RD
BLARNEY WAY
BURKETT LN
BOND RD
GRACELAND PL
TIGER LILY LN
STARLING LN
MISTY LN
PILOT VIEW DR
MISTY CREEK CT
RED CLOUD LN
NASHONE VIEW LN
BLACK DOG CT
PILOT VIEW CT
POND VIEW DR
ALPHA DR
OMEGA LN
RHINO RIDGE RD
SAFARI TRL
DELANEY LN
BAT FRON LN
NH FAMILY RD
GETTA WAY
HIGH SIERRA RD
SARAH BURNETT RD
VIENNA DR
FAR HORIZON TRL
PILOT PEAK RD
MEADOW CROFT LN
QUAIL HOLLOW RD
NATUREWOOD RD
ZEBRA CT
TARBIN WAY
GATE LN
MANDARIN LN
BLUE SKY DR
HIDDEN RIDGE TRL
MORNING MIST DR
SQUARE NAIL TRL
HOUND HOLLOW RD
BOOMER BUMP RD
ART RD
SKY HAWK RD
PEACOCK WAY
ANWAHHO RD
TIMELESS WAY
STORKSBILL RD
EQUESTRIAN WAY
MINERS VALLEY CT
CHALET WAY
GALLAGHER RD
FISHERMAN LN
SPRINGHAVEN LN
SIMUHON LN
VISTA DEL LAGO CT
VISTA DEL SIERRA CT
KISKA CT
GALLAGHER CT
BRIDLE TRAIL LN
ELEPHANT WALK CT
SABLE CT
CHEETAH TRL
LEOPARD LN
IMPALA WAY
OAKHILLS LN
ASCENSION LN
DORADO RIDGE TRL
OPUS ONE CT
GROTH CT
JORDAN CT
PERSIA LN
HIDDEN BRIDGE RD
ESTATES DR
KANAKA VALLEY RD
0
0.225
0.45
0.675
0.9
Miles
Map displayed in State Plane Coordinate System
(NAD 1983 California Zone 2, feet)
State Highway
County Maintained Road
Non-County Maintained Road
River
Map Sheet Boundary
Urban Boundary
County Boundary
Map 7H55
YEAR 2015
N


See Map 7J54
See Map 7J13
See Map 7J15
See Map 7J24
Folsom Lake
OUTRIGGER CT
OUTRIGGER DR
DRIFTWOOD CIR
VISTA MAR DR
LAKERIDGE OAKS DR
CANYON OAK CT
BLUE OAK CT
TANBARK OAK CT
LAKERIDGE CT
PALAMINO CT
MAUL OAK CT
GREEN VALLEY RD
APPALOOSA CT
MORGAN CT
SHADOWFAX LN
SOPHIA PKY
ALEXANDRA DR
VISTA LE FONTI
State Highway
County Maintained Road
Non-County Maintained Road
River
Map Sheet Boundary
Urban Boundary
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Miles
Map displayed in State Plane Coordinate System
(NAD 1983 California Zone 2, feet)
Map 7J14
YEAR 2015
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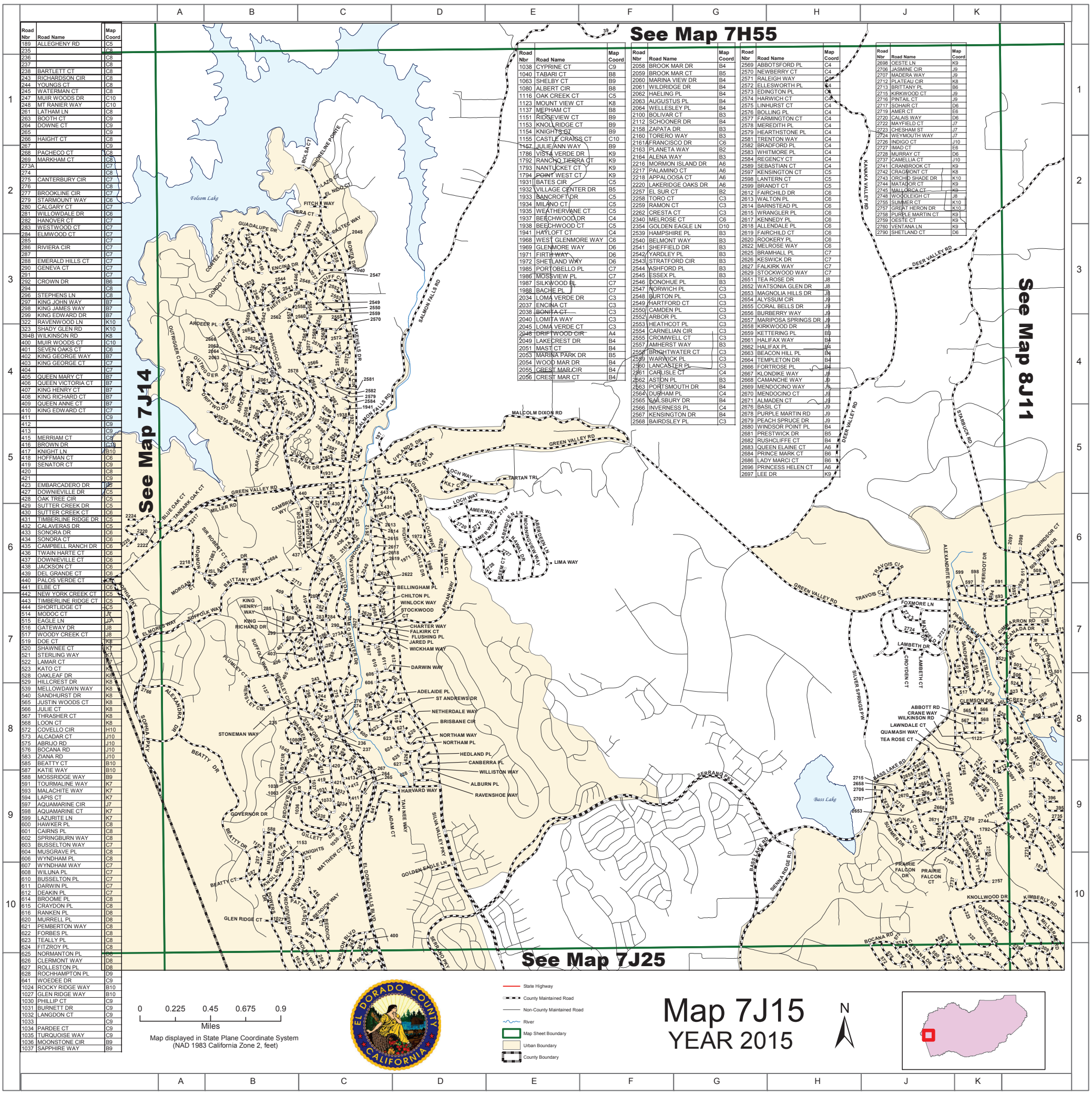
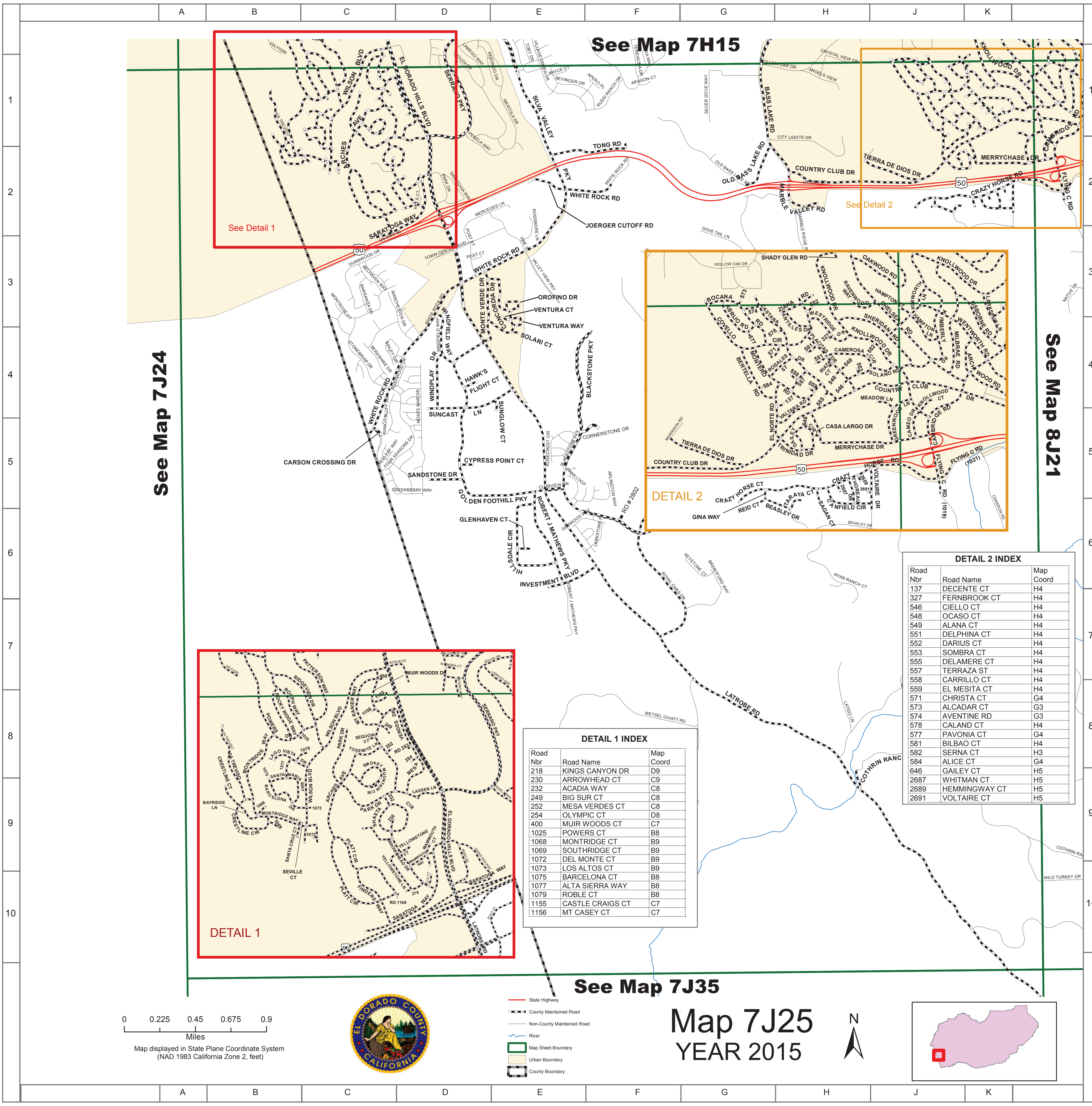


Road Nbr	Road Name	Map Coord
189	ALLEGHENY RD	C5
235		C8
236		C8
237		C8
238	BARTLETT CT	C8
243	RICHARDSON CIR	C8
244	YOUNGS CT	C8
245	WATERMAN CT	C8
247	MUIR WOODS DR	C10
248	MT RANIER WAY	C10
261	LATHAM LN	C8
263	BOOTH CT	C9
264	DOWNE CT	C9
265		C9
266	HAIGHT CT	C8
267		C9
268	PACHECO CT	C8
269	MARKHAM CT	C8
273A		C7
274		C8
275	CANTERBURY CIR	C7
276		C8
277	BROOKLINE CIR	C7
279	STARMOUNT WAY	C6
280	CALGARY CT	C7
281	WILLOWDALE DR	C6
282	HANOVER CT	C7
283	WESTWOOD CT	C7
284	ELMWOOD CT	C7
285		C7
286	RIVIERA CIR	C7
287		C7
288	EMERALD HILLS CT	C7
290	GENEVA CT	C7
291		C7
292	CROWN DR	B6
294		C8
296	STEPHENS LN	C8
297	KING JOHN WAY	B7
298	KING JAMES WAY	B7
299	KING EDWARD DR	B7
322	RAVENWOOD LN	K10
323	SHADY GLEN RD	K10
394B	WILKINSON RD	K8
400	MUIR WOODS CT	C10
401	SEVEN OAKS CT	C6
402	KING GEORGE WAY	B7
403	KING GEORGE CT	C7
404		C7
405	QUEEN MARY CT	B7
406	QUEEN VICTORIA CT	B7
407	KING HENRY CT	B7
408	KING RICHARD CT	B7
409	QUEEN ANNE CT	B7
410	KING EDWARD CT	C7
411		C9
412		C9
413		C9
415	MERRIAM CT	C8
416	BROWN DR	C10
417	KNIGHT LN	B10
418	HOFFMAN CT	C6
419	SENATOR CT	C9
420		C8
421		C9
423	EMBARCADERO DR	C5
427	DOWNIEVILLE DR	C5
428	OAK TREE CIR	C5
429	SUTTER CREEK DR	C5
430	SUTTER CREEK CT	C6
431	TIMBERLINE RIDGE DR	C5
432	CALAVERAS DR	C5
433	SONORA DR	C6
434	SONORA CT	C6
435	CAMPBELL RANCH DR	C6
436	TWAIN HARTE CT	C6
437	DOWNIEVILLE CT	C6
438	JACKSON CT	C6
439	DEL GRANDE CT	C6
440	PALOS VERDE CT	C6
441	ELBE CT	C6
442	NEW YORK CREEK CT	C5
443	TIMBERLINE RIDGE CT	C5
444	SHORTLIDGE CT	C5
514	MODOC CT	J7
515	EAGLE LN	J7
516	GATEWAY DR	J8
517	WOODY CREEK CT	J8
519	DOE CT	K8
520	SHAWNEE CT	K7
521	STERLING WAY	K7
522	LAMAR CT	K7
523	KATO CT	K8
528	OAKLEAF DR	K8
529	HILLCREST DR	K9
539	MELLWDAWN WAY	K8
540	SANDHURST DR	K8
565	JUSTIN WOODS CT	K8
566	JULIE CT	K8
567	THRASHER CT	K8
568	LOON CT	K8
572	COVELLO CIR	H10
573	ALCADAR CT	J10
575	ABRIJO RD	J10
576	BOCANA RD	J10
583	ZIANA RD	J10
585	BEATTY CT	B10
587	KATIE WAY	B10
588	MOSSRIDGE WAY	B9
591	TOURMALINE WAY	K7
593	MALACHITE WAY	K7
594	LAPIS CT	K7
597	AQUAMARINE CIR	J7
598	AQUAMARINE CT	K7
599	LAZURITE LN	K7
600	HAWKER PL	C8
601	CAIRNS PL	C8
602	SPRINGBURN WAY	C8
603	BUSSELTON WAY	C7
604	MUSGRAVE PL	C8
606	WYNDHAM PL	C8
607	WYNDHAM WAY	C7
608	WILUNA PL	C7
610	BUSSELTON PL	C7
611	DARWIN PL	C7
612	DEAKIN PL	C7
614	BROOME PL	C8
615	CRAYDON PL	C8
616	RANKEN PL	D8
620	MURRELL PL	D8
621	PEMBERTON WAY	C8
622	FORBES PL	C8
623	TEALLY PL	C8
624	FITZROY PL	C8
625	NORMANTON PL	D8
626	CLERMONT WAY	D8
627	ROLLESTON PL	D8
628	ROCHHAMPTON PL	D9
641	WOEDEE DR	C9
1024	ROCKY RIDGE WAY	B10
1027	GLEN RIDGE WAY	B10
1030	PHILLIP CT	C9
1031	BURNETT DR	C9
1032	LANGDON CT	C9
1033		C9
1034	PARDEE CT	C9
1035	TURQUOISE WAY	C9
1036	MOONSTONE CIR	B9
1037	SAPPHIRE WAY	B9
1038	CYPRINE CT	C9
1040	TABARI CT	B8
1063	SHELBY CT	B9
1080	ALBERT CIR	B8
1116	OAK CREEK CT	C5
1123	MOUNT VIEW CT	K8
1137	MEPHAM CT	B8
1151	RIDGEVIEW CT	B9
1153	KNOLLRIDGE CT	B9
1154	KNIGHTS CT	B9
1155	CASTLE CRAISS CT	C10
1157	JULIE ANN WAY	B9
1786	VISTA VERDE DR	K9
1792	RANCHO TIERRA CT	K9
1793	NANTUCKET CT	K9
1794	POINT WEST CT	K9
1931	BATES CIR	C5
1932	VILLAGE CENTER DR	B5
1933	BANCROFT DR	C5
1934	MILANO CT	C5
1935	WEATHERVANE CT	C5
1937	BEECHWOOD DR	C4
1938	BEECHWOOD CT	C5
1941	HAYLOFT CT	C4
1968	WEST GLENMORE WAY	C6
1969	GLENMORE WAY	D6
1971	FIRTH WAY	D6
1972	SHETLAND WAY	D6
1985	PORTOBELLO PL	C7
1986	MOSSVIEW PL	C7
1987	SILKWOOD PL	C7
1988	BACHE PL	C7
2034	LOMA VERDE DR	C3
2037	ENCINA CT	C3
2038	BONITA CT	C3
2040	LOMITA WAY	C3
2045	LOMA VERDE CT	C3
2048	DRIFTWOOD CIR	A4
2049	LAKECREST DR	B4
2051	MAST CT	B4
2053	MARINA PARK DR	B5
2054	WOOD MAR DR	B4
2055	CREST MAR CIR	B4
2056	CREST MAR CT	B4
2058	BROOK MAR DR	B4
2059	BROOK MAR CT	B5
2060	MARINA VIEW DR	B4
2061	WILDRIDGE DR	B4
2062	HAELING PL	B4
2063	AUGUSTUS PL	B4
2064	WELLESLEY PL	B4
2100	BOLIVAR CT	B3
2112	SCHOONER DR	B4
2158	ZAPATA DR	B3
2160	TORERO WAY	B3
2161A	FRANCISCO DR	C6
2163	PLANETA WAY	B2
2164	ALENA WAY	B3
2216	MORMON ISLAND DR	A6
2217	PALAMINO CT	A6
2218	APPALOOSA CT	A6
2220	LAKERIDGE OAKS DR	A6
2257	EL SUR CT	B2
2258	TORO CT	C3
2259	RAMON CT	C3
2262	CRESTA CT	C3
2340	MELROSE CT	C6
2354	GOLDEN EAGLE LN	D10
2539	HAMPSHIRE PL	B3
2540	BELMONT WAY	B3
2541	SHEFFIELD DR	B3
2542	YARDLEY PL	B3
2543	STRATFORD CIR	B3
2544	ASHFORD PL	B3
2545	ESSEX PL	B3
2546	DONOHUE PL	B3
2547	NORWICH PL	C3
2548	BURTON PL	C3
2549	HARTFORD CT	C3
2550	CAMDEN PL	C3
2552	ARBOR PL	C3
2553	HEATHCOT PL	C3
2554	CARNELIAN CIR	C3
2555	CROMWELL CT	C3
2557	AMHERST WAY	B3
2558	BRIGHTWATER CT	C3
2559	WARWICK PL	C3
2560	LANCASTER PL	C3
2561	CARLISLE CT	C4
2562	ASTON PL	B3
2563	PORTSMOUTH DR	B4
2564	DURHAM PL	C4
2565	SALISBURY DR	B4
2566	INVERNESS PL	C4
2567	KENSINGTON DR	B4
2568	BAIRDSLEY PL	C3
2569	ABBOTSFORD PL	C4
2570	NEWBERRY CT	C4
2571	RALEIGH WAY	C4
2572	ELLESWORTH PL	C4
2573	EDINGTON PL	C4
2574	HARWICH CT	C4
2575	LINHURST CT	C4
2576	BOLLING PL	C4
2577	FARMINGTON CT	C4
2578	MEREDITH PL	C4
2579	HEARTHSTONE PL	C4
2581	TRENTON WAY	C4
2582	BRADFORD PL	C4
2583	WHITMORE PL	C4
2584	REGENCY CT	C4
2589	SEBASTIAN CT	C4
2597	KENSINGTON CT	C5
2598	LANTERN CT	C5
2599	BRANDT CT	C5
2612	FAIRCHILD DR	C6
2613	WALTON PL	C6
2614	BARNSTEAD PL	C6
2615	WRANGLER PL	C6
2617	KENNEDY PL	C6
2618	ALLENDALE PL	C6
2619	FAIRCHILD CT	C6
2620	ROOKERY PL	C6
2622	MELROSE WAY	C6
2625	BRAMHALL PL	C7
2626	KESWICK DR	C7
2627	FALKIRK WAY	C7
2629	STOCKWOOD WAY	C7
2651	TEA ROSE DR	J8
2652	WATSONIA GLEN DR	J8
2653	MAGNOLIA HILLS DR	J8
2654	ALYSSUM CIR	J9
2655	CORAL BELLS DR	J9
2656	BURBERRY WAY	J9
2657	MARIPOSA SPRINGS DR	J9
2658	KIRKWOOD DR	J9
2659	KETTERING PL	B3
2661	HALIFAX WAY	B4
2662	HALIFAX PL	B4
2663	BEACON HILL PL	B4
2664	TEMPLETON DR	B4
2666	FORTROSE PL	B4
2667	KLONDIKE WAY	J9
2668	CAMANCHE WAY	J9
2669	MENDOCINO WAY	J9
2670	MENDOCINO CT	J9
2671	ALMADEN CT	J9
2676	BASIL CT	J9
2678	PURPLE MARTIN RD	J9
2679	PEACH SPRUCE DR	J9
2680	WINDSOR POINT PL	B4
2681	PRESTWICK DR	B5
2682	RUSHCLIFFE CT	B4
2683	QUEEN ELAINE CT	A6
2684	PRINCE MARK CT	B6
2686	LADY MARGI CT	B6
2696	PRINCESS HELEN CT	A6
2697	LEE DR	K9
2698	OESTE LN	K9
2706	JASMINE CIR	J9
2707	MADERA WAY	J9
2712	PLATEAU CIR	K8
2713	BRITTANY PL	B6
2715	KIRKWOOD CT	J9
2716	PINTAIL CT	J9
2717	SOHAIR CT	D6
2719	AMER CT	E6
2720	CALAIS WAY	D6
2722	MAYFIELD CT	J7
2723	CHESHAM ST	J7
2724	WEYMOUTH WAY	J7
2726	INDIGO CT	J10
2727	IMAD CT	E6
2728	MURRAY CT	D6
2737	CAMELLIA CT	J10
2741	CRANBROOK CT	K9
2742	CRAGMONT CT	K8
2743	ORCHID SHADE DR	K10
2744	MATADOR CT	K9
2745	MALLORCA CT	K9
2748	WOODLEIGH CT	J8
2755	SUMMER CT	K10
2757	GREAT HERON DR	K10
2758	PURPLE MARTIN CT	K9
2759	OESTE CT	K9
2760	VENTANA LN	K9
2790	SHETLAND CT	D6



Map 7J25

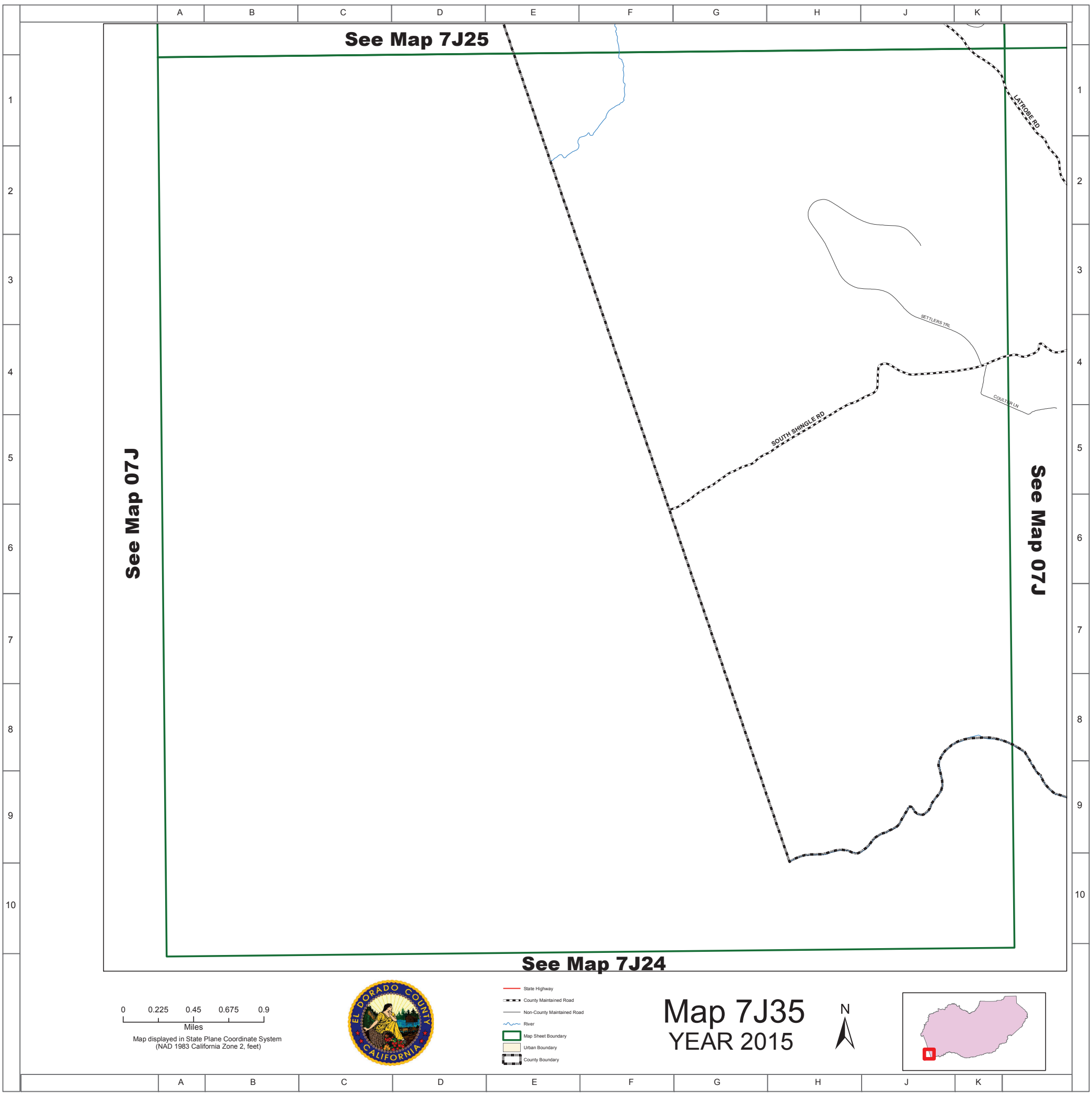
YEAR 2015

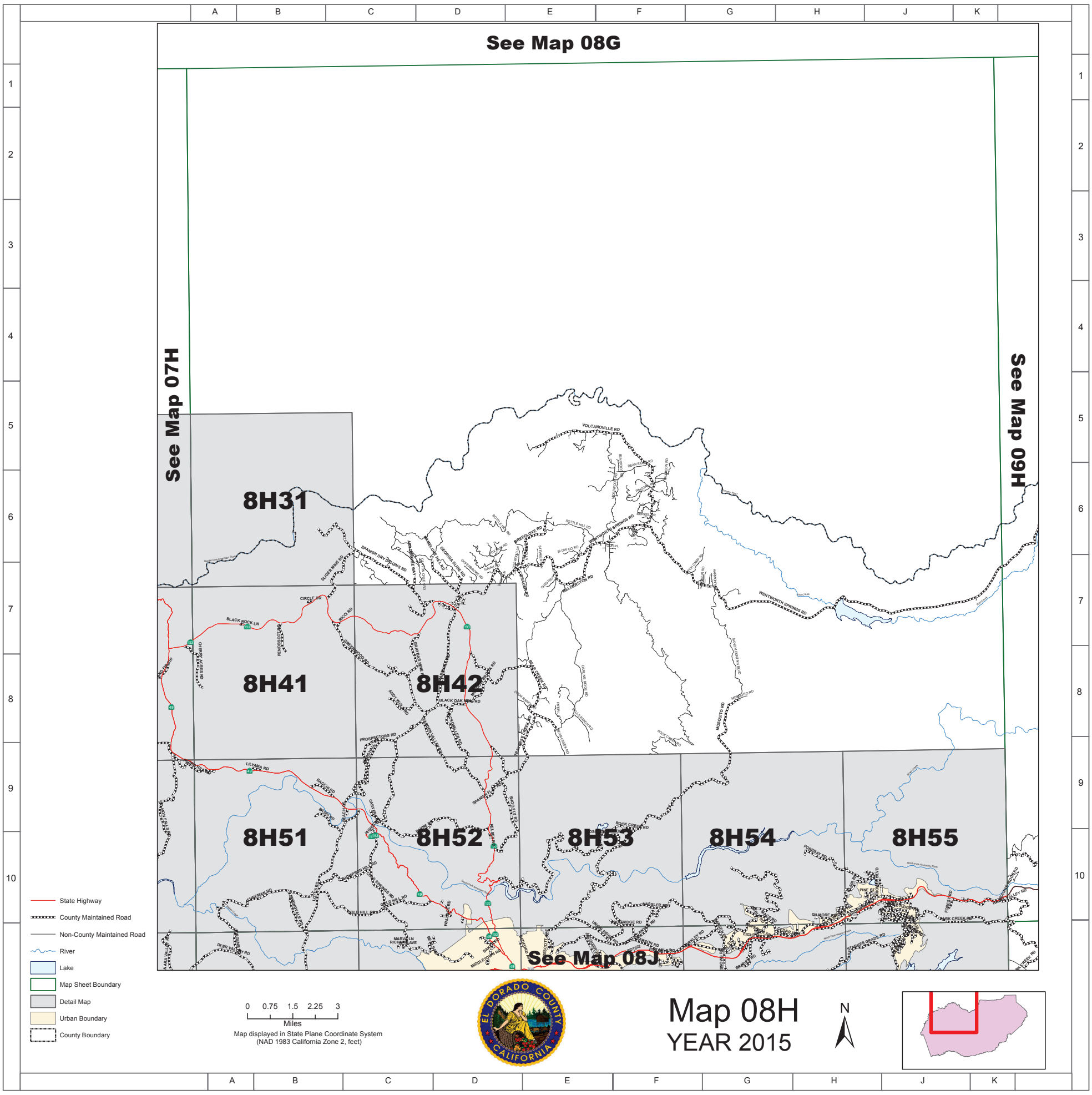
DETAIL 1 INDEX

Road Nbr	Road Name	Map Coord
218	KINGS CANYON DR	D9
230	ARROWHEAD CT	C9
232	ACADIA WAY	C8
249	BIG SUR CT	C8
252	MESA VERDES CT	C8
254	OLYMPIC CT	D8
400	MUIR WOODS CT	C7
1025	POWERS CT	B8
1068	MONTRIDGE CT	B9
1069	SOUTHRIDGE CT	B9
1072	DEL MONTE CT	B9
1073	LOS ALTOS CT	B9
1075	BARCELONA CT	B8
1077	ALTA SIERRA WAY	B8
1079	ROBLE CT	B8
1155	CASTLE CRAIGS CT	C7
1156	MT CASEY CT	C7

DETAIL 2 INDEX

Road Nbr	Road Name	Map Coord
137	DECENTE CT	H4
327	FERNBROOK CT	H4
546	CIELLO CT	H4
548	OCASO CT	H4
549	ALANA CT	H4
551	DELPHINA CT	H4
552	DARIUS CT	H4
553	SOMBRA CT	H4
555	DELAMERE CT	H4
557	TERRAZA ST	H4
558	CARRILLO CT	H4
559	EL MESITA CT	H4
571	CHRISTA CT	G4
573	ALCADAR CT	G3
574	AVENTINE RD	G3
578	CALAND CT	H4
577	PAVONIA CT	G4
581	BILBAO CT	H4
582	SERNA CT	H3
584	ALICE CT	G4
646	GAILEY CT	H5
2687	WHITMAN CT	H5
2689	HEMMINGWAY CT	H5
2691	VOLTAIRE CT	H5


See Map 7J25
See Map 07J
See Map 07J
See Map 7J24
LATROBE RD
SETTLERS TRL
COULTER LN
SOUTH SHINGLE RD
A
B
C
D
E
F
G
H
J
K
1
2
3
4
5
6
7
8
9
10
0
0.225
0.45
0.675
0.9
Miles
Map displayed in State Plane Coordinate System
(NAD 1983 California Zone 2, feet)
EL DORADO COUNTY
CALIFORNIA
State Highway
County Maintained Road
Non-County Maintained Road
River
Map Sheet Boundary
Urban Boundary
County Boundary
Map 7J35
YEAR 2015
N


See Map 08G
See Map 07H
See Map 09H
8H31
8H41
8H42
8H51
8H52
8H53
8H54
8H55
See Map 08J
State Highway
County Maintained Road
Non-County Maintained Road
River
Lake
Map Sheet Boundary
Detail Map
Urban Boundary
County Boundary
0 0.75 1.5 2.25 3
Miles
Map displayed in State Plane Coordinate System
(NAD 1983 California Zone 2, feet)
EL DORADO COUNTY CALIFORNIA
Map 08H
YEAR 2015
N

See Map 08H

8J11

8J12

8J13

8J14

8J15

8J21

See Map 07J

See Map 09J

SEE DETAIL 1

DETAIL 1

STRING CANYON RD
TYLER DR
QUIETWOOD DR
PINEHAVEN DR
SCIARONI RD
SOUTH VIEW DR
CYPRESS POINT DR
ROLLINGWOOD CT
CORALAINE DR
CARY DR
RD1926
CORALAINE CT
EDGEWOOD CIR
CAPPS CROSSING RD
MEADOW GLEN DR
DEERWOOD DR
FOREST GLEN DR
WINDING WAY
WINDING WAY CT
ROLLINGWOOD DR
STRING CANYON CT
DEERWOOD CT
DEERTRACK CT
1965 (unnamed)
MERRYWOOD CT
STORYBOOK CT
PARKSIDE DR
GRIZZLY CREEK DR
PARKSIDE CT
WOODHAVEN CT
SUGAR PINE DR
CREEKSIDE DR
WOODHAVEN DR
GRIZZLY FLAT RD
PIONEER DR
MILLWOOD DR
EVERGREEN DR
WOODED GLEN CT
LEONI RD
PINE RIDGE CT
WOODRIDGE DR
PIONEER CT
KINGS ROW DR
HILLTOP DR
HILLTOP CT
MT PLEASANT DR
GOLDEN ASPEN CT
WOOD VIEW CT
WOODED GLEN DR
PINE RIDGE DR
BLUE MOUNTAIN DR
FOREST VIEW DR
GOLDEN ASPEN DR
BROKEN ANTLER DR
SQUIRREL HILL DR
WILDROSE CT
WILDBERRY DR
WILDBERRY CT
WILDROSE DR

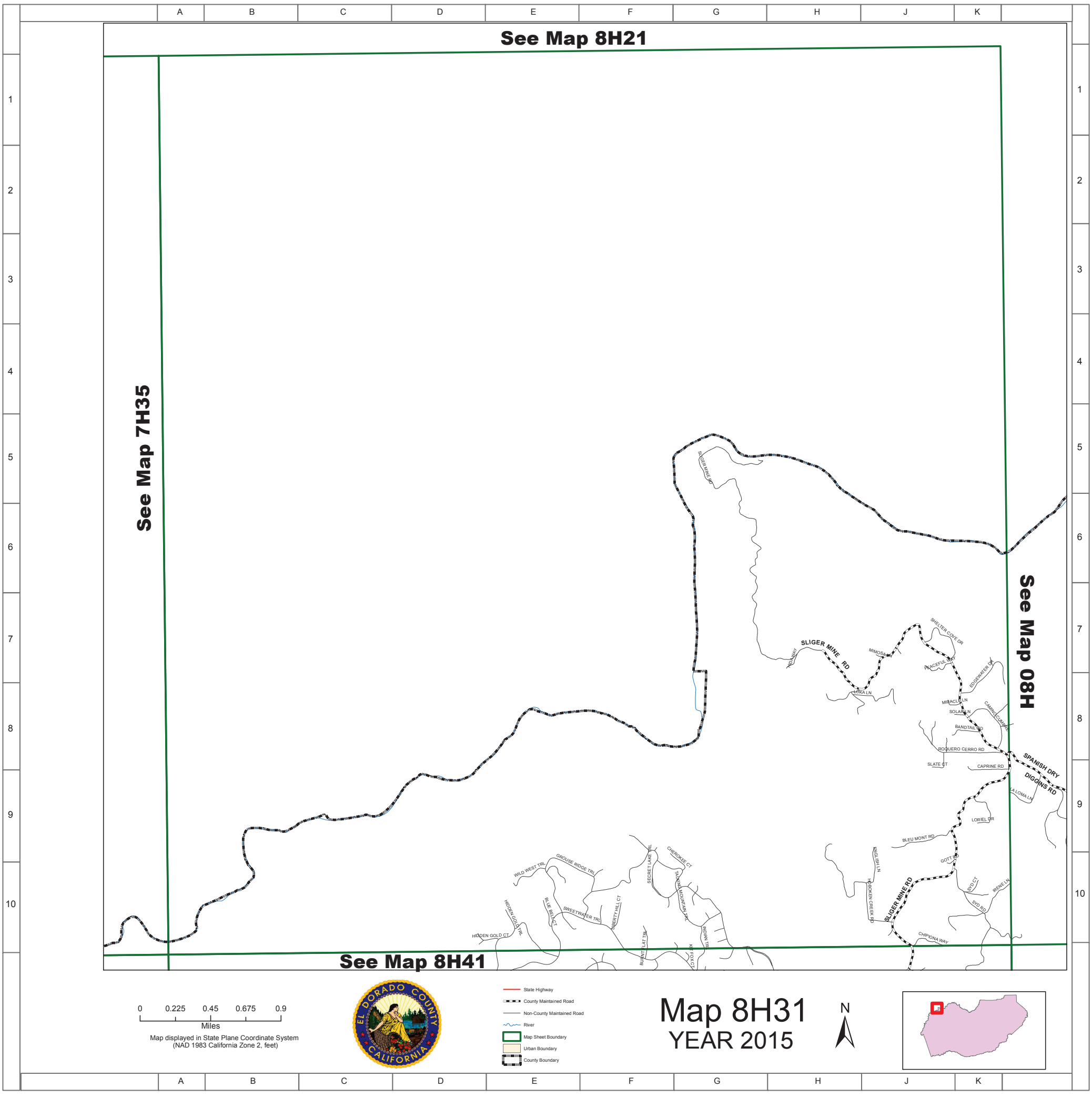
State Highway
County Maintained Road
Non-County Maintained Road
River
Lake
Map Sheet Boundary
Detail Map
Urban Boundary
County Boundary

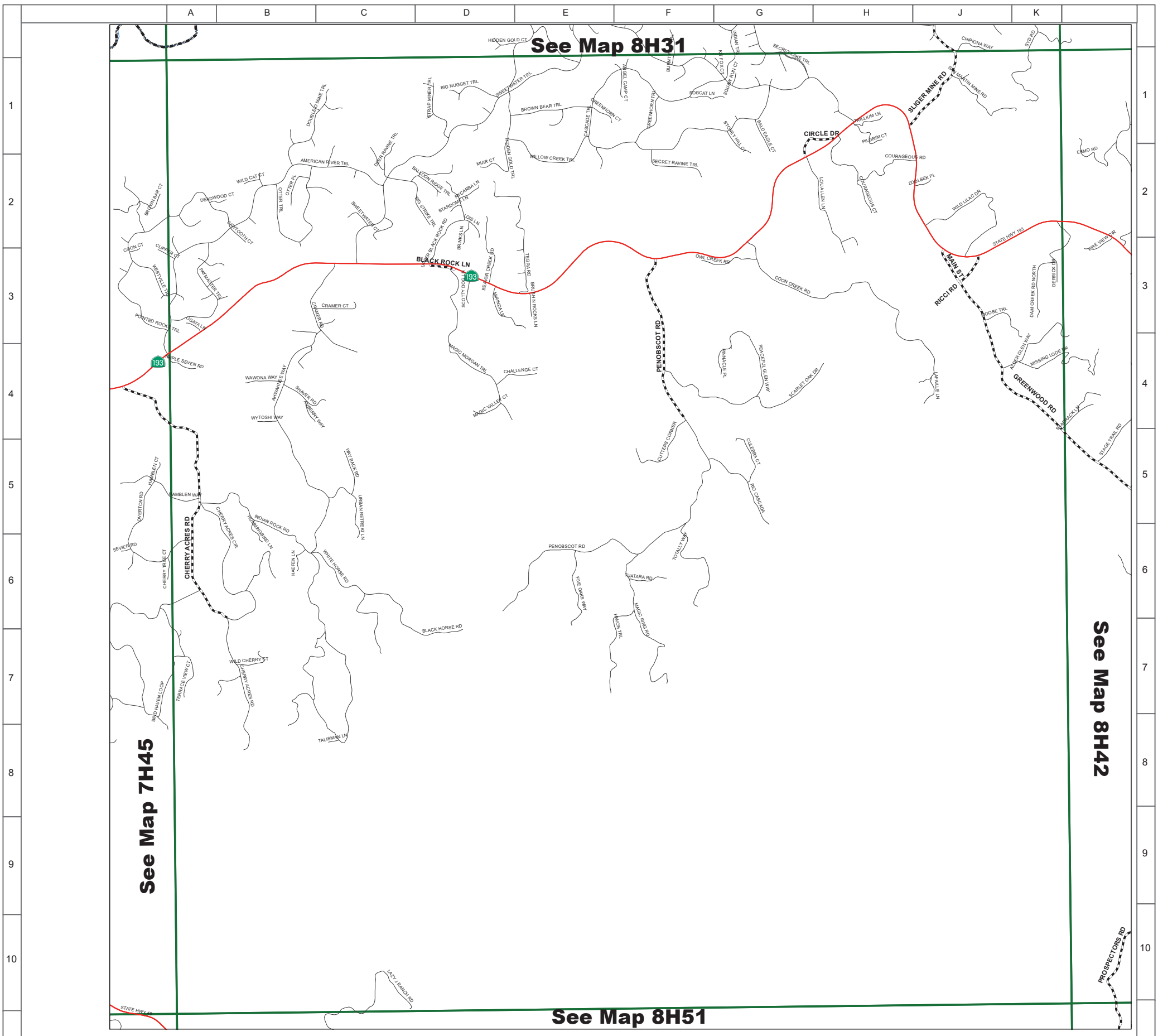
0 0.75 1.5 2.25 3
Miles
Map displayed in State Plane Coordinate System
(NAD 1983 California Zone 2, feet)

See Map 08K

Map 08J
YEAR 2015

N


See Map 8H21
See Map 7H35
See Map 08H
See Map 8H41
SLIGER MINE RD
SLIGER MINE RD
SHELTER COVE DR
MIMOSA
PEACEFUL WAY
EDGEWATER DR
LOMA LN
MIRACLE LN
SOLARIN
CAMINO CUMBRE
BANDTAIL RD
ROQUERO CERRO RD
SLATE CT
CAPRINE RD
SPANISH DRY
DIGGINS RD
LA LOMA LN
LORIEL DR
BLEU MONT RD
ENGLISH LN
HANGTOWN CREEK RD
GOTT RD
ISYD CT
RENE LN
SYD RD
CHIPIONA WAY
WILD WEST TRL
GROUSE RIDGE TRL
SECRET LAKE TRL
CHEROKEE CT
TAHOMA MOUNTAIN TRL
HIDDEN GOLD TRL
HIDDEN GOLD CT
BLUE BELL CT
SWEETWATER TRL
LIBERTY HILL CT
BURNT FLAT TRL
INDIAN TRL
RED FOX CT
0
0.225
0.45
0.675
0.9
Miles
Map displayed in State Plane Coordinate System
(NAD 1983 California Zone 2, feet)
EL DORADO COUNTY
CALIFORNIA
State Highway
County Maintained Road
Non-County Maintained Road
River
Map Sheet Boundary
Urban Boundary
County Boundary
Map 8H31
YEAR 2015
N


See Map 8H31
See Map 7H45
See Map 8H42
See Map 8H51
BLACK ROCK LN
CIRCLE DR
SLIGER MINE RD
MAIN ST
RICCI RD
CHERRY ACRES RD
PENOBSCOT RD
GREENWOOD RD
COON CREEK RD
OWL CREEK RD
STATE HWY 193
PENOBSCOT RD
BLACK HORSE RD
0 0.225 0.45 0.675 0.9
Miles
Map displayed in State Plane Coordinate System
(NAD 1983 California Zone 2, feet)
State Highway
County Maintained Road
Non-County Maintained Road
River
Map Sheet Boundary
Urban Boundary
County Boundary
Map 8H41
YEAR 2015
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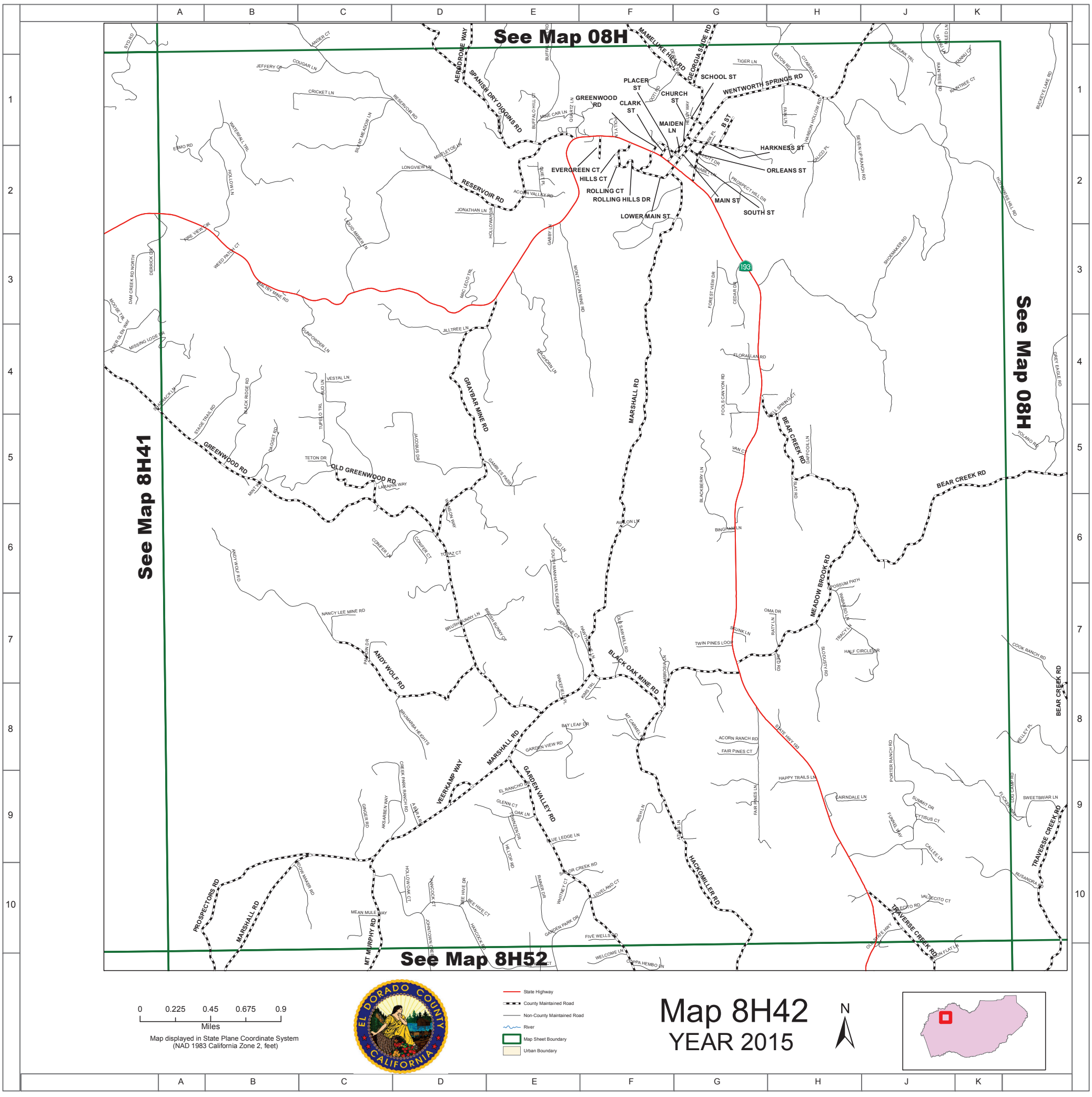

See Map 08H
See Map 8H41
See Map 8H52
See Map 08H
AERODROME WAY
SPANISH DRY DIGGINS RD
MAMELUKE HILL RD
GEORGIA SLIDE RD
SCHOOL ST
WENTWORTH SPRINGS RD
PLACER ST
CHURCH ST
CLARK ST
GREENWOOD RD
MAIDEN LN
B ST
HARKNESS ST
ORLEANS ST
EVERGREEN CT
HILLS CT
ROLLING CT
ROLLING HILLS DR
LOWER MAIN ST
MAIN ST
SOUTH ST
RESERVOIR RD
LONGVIEW LN
ACORN VALLEY RD
JONATHAN LN
HOLLOWWOOD LN
MISTLETOE LN
SILENT MEADOW LN
WATERHALL TRL
ESMO RD
HOLLOW LN
CRICKET LN
COUGAR LN
JEFFERY CT
SYD RD
ANDER CT
MINE CAR LN
BUFFALO HILL CT
BUFFALO HILL RD
GREENWOOD RD
OLD GREENWOOD RD
GRAYBAR MINE RD
MARSHALL RD
BLACK OAK MINE RD
ANDY WOLF RD
NANCY LEE MINE RD
BRUSH BUNNY LN
BRUSH BUNNY CT
CONIFER LN
CONIFER CT
TOPAZ CT
TETON DR
LARAMIN WAY
MINT CT
OLIGGET RD
STAGE TRAIL RD
BLACK RIDGE RD
TUPELO TRL
BUD LN
VESTAL LN
JACOBUS DR
GAMBLES PASS
GUNPOWDER LN
STAGHORN LN
JILLTREE LN
MISSING LODE DR
ANGEL GLEN WAY
MOOSE TRL
DERRICK DR
DAM CREEK RD NORTH
NINE VIEW CIR
WEED PATCH CT
RATTLY MINE RD
MIC LEOD TRL
MONT EATON MINE RD
GABBY LN
KUD AMBER LN
PAMPAS DR
BRUMARIA WE GHTS
WAKEFIELD LN
KIMS TRL
JERDMIE CT
SOUTH MANHATTAN CREEK RD
LAGO LN
AVALON LN
OLD SAWMILL RD
HANNAH MARIE LN
AMBROSIA LN
MT CARMEL LN
BAY LEAF DR
GARDEN VIEW RD
VEERKAMP WAY
GARDEN VALLEY RD
EL RANCHO DR
GLENN CT
OAK LN
WINZER DR
HILLTOP RD
BLUE LEDGE LN
SAILOR CREEK RD
RAINER DR
WHITNEY CT
LOVELAND CT
GARDEN PARK DR
FIVE WELLS RD
WELCOME LN
COPPA HEMBO LN
HACKAMILLER RD
IRISH LN
ALTA LN
MEADOW BROOK RD
BEAR CREEK RD
POSSUM PATH
WIMPSON LN
TRACY LN
HALF CIRCLE DR
SLUDGISTY RD
OMA DR
RATTY LN
SKUNK LN
TWIN PINES LOOP
OLD DR
BLACKBERRY LN
BINGHAM LN
IVAN CT
FOOLS CANYON RD
BELL SPRING CT
FOOLS CANYON LN
SLAT RD
FLORA LAN RD
ACORN RANCH RD
FAIR PINES CT
FAIR PINES LN
HAPPY TRAILS LN
FAIRNDALE LN
STATE HWY 193
SUMMIT DR
DYTISUS CT
FUNNEL WAY
CALLEE LN
RUSANDRA
VALDECITO CT
VALDECITO RD
OLD SCHOOL HWY
TRAVERSE CREEK RD
GREEN FLAT LN
PORTER RANCH RD
KELLEY PL
SWEETBRIAR LN
FLORA LAN CAMP RD
YOLANO RD
GREY EAGLE RD
BUCKEYE LAKE RD
TRAVERSE CREEK RD
SHOEMAKER RD
COOK RANCH RD
JOHNNIES HILL RD
SEVEN UP RANCH RD
ALICO PL
HANSON HOLLOW RD
RAIN LN
EATON RD
CITABRIA LN
TIGER LN
PIPMUNK TRL
RANNU CT
RANTREE RD
RANTREE CT
TAMALPAIS LN
193
0 0.225 0.45 0.675 0.9
Miles
Map displayed in State Plane Coordinate System
(NAD 1983 California Zone 2, feet)
State Highway
County Maintained Road
Non-County Maintained Road
River
Map Sheet Boundary
Urban Boundary
Map 8H42
YEAR 2015
N

See Map 8H41

See Map 7H55

See Map 8H52

See Map 8J11

PEDRO HILL RD
SPAHN RD
FORGOTTEN LOOP
LILYAMA RD
STATE HWY 49
49
MEADOW CROFT LN
QUAIL HOLLOW RD
BACCHI RD
PROSPECTORS RD
MARSHALL RD
SCOTT RD
LITTLE LEAD
BEACH VIEW DR
BEACH CT
RIVER PARK DR
DEL ORO LN
BUTTERFLY LN
LODESTAR LN
AMOCO LN
PETERSEN LN
BASSI RD
EL CAMPO RD
GODS WAY
NO EASY RD
DUNOTTOWN RD
WAGNER MINE RD
POZO LN
CLARK MOUNTAIN RD
HALLELUJAH TRL
MAIRIRO RD
FIREHOUSE RD
HOUND HOLLOW RD
STORKSEN RD
BIRDSEYE VIEW LN
TRAILS END DR
THREE NEEDLE LN
SMITH DR
HEAVENS CT
MISALANA CT
HEAVENS GATE
SHERIDAN RD
FLAPJACK LN
LEAN LN
FLAPJACK LN
MOUNTAIN VIEW DR
SIERRA CREST CT
CROOKED MILE CT
SHORELINE DR
LARGE OAK DR
ARROWBEE DR
SCHIRLE DR
GRANITE CREEK RD
SAMSON RANCH RD
PINPRINT PATH
UTOPIA CT
OLD ROCK BRIDGE RD
TREE TOP CT
TREE TOP RD
BIG CURVE CT
BURNT OAK DR
MC KEE DR
DRY VIEW DR
STONEY RIDGE RD
LOTUS RD
BARRISTER CT
ZORRO CT
TWIN COURTS
HUIDMO WAY
LOWER LAKE CT
LOWER LAKE DR
SNOW CREEK LN
MONROE CT
HIDDEN LAKE DR
HIDDEN LAKE CT
LOWER LAKE DR
JOYOUS ANN DR
BURRMAC LN
NEWUK DR
TANGLEWOOD DR
JACARAH RD
BIG SKY RANCH RD
THOMPSON HILL RD
BOOTHILL RD
TAI PAN DR
LOS ROBLES RD
COPPER LN
EAST EL LARGO DR
JAKES EIGHTY RD
MONTY MINE TR
QUAIL RUN RD
BARGER HILL RD
GOLDEN SPUR DR
JACKY WAY
LUNEMAN RD
SWALLOW RD
MURPHY RANCH RD
EAST EL LARGO DR
EL DORADO RD
BIG VALLEY VIEW DR
OLD RANCH RD
ALAZAN RD
ROSSLER RD
HILLOCK DR
LAKEVIEW DR
SPRINGVALE RD
OAK MEADOW RD
PLEASANT RANCH RD
RIO TIERRA CT
WEBSTER LN
SHADYDALE LN
OK FOLSOM
OLD HAND RD
KEN DEREK LN
GOLD HILL RD
SUTTER WAY
ORO LOMA DR
QUARTZ CREEK LN
FELDSPAR LN
CARLTON LN
RANCHO VISTA LN
GOLDORADO RD
FUNNY BUG RD
TIMBERVIEW DR
JASPER CIR
JASPER RD
JURGENS RD
OCTAGON PL
WOODSMAN RD
PINCHEM LN

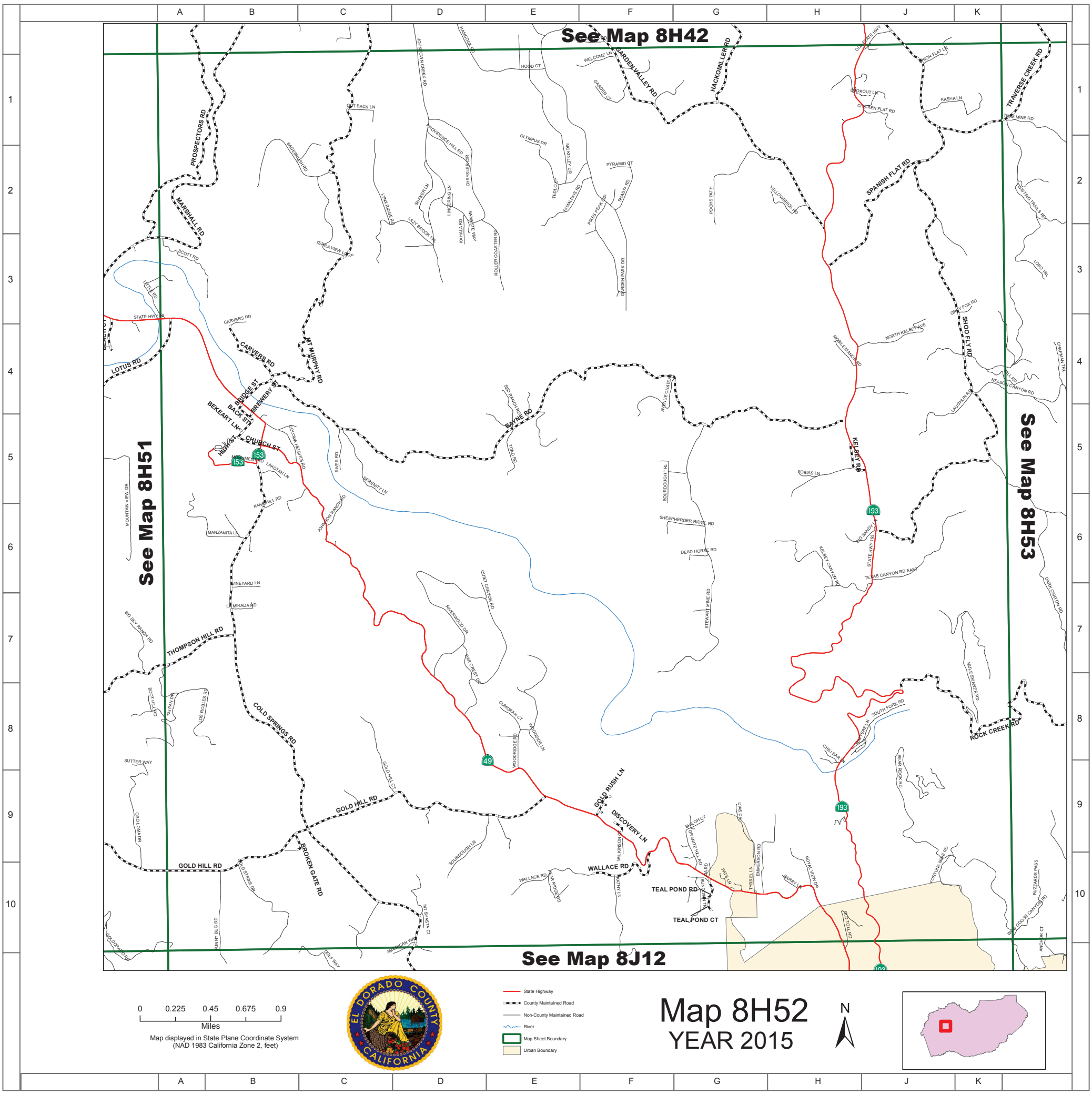
0 0.225 0.45 0.675 0.9
Miles

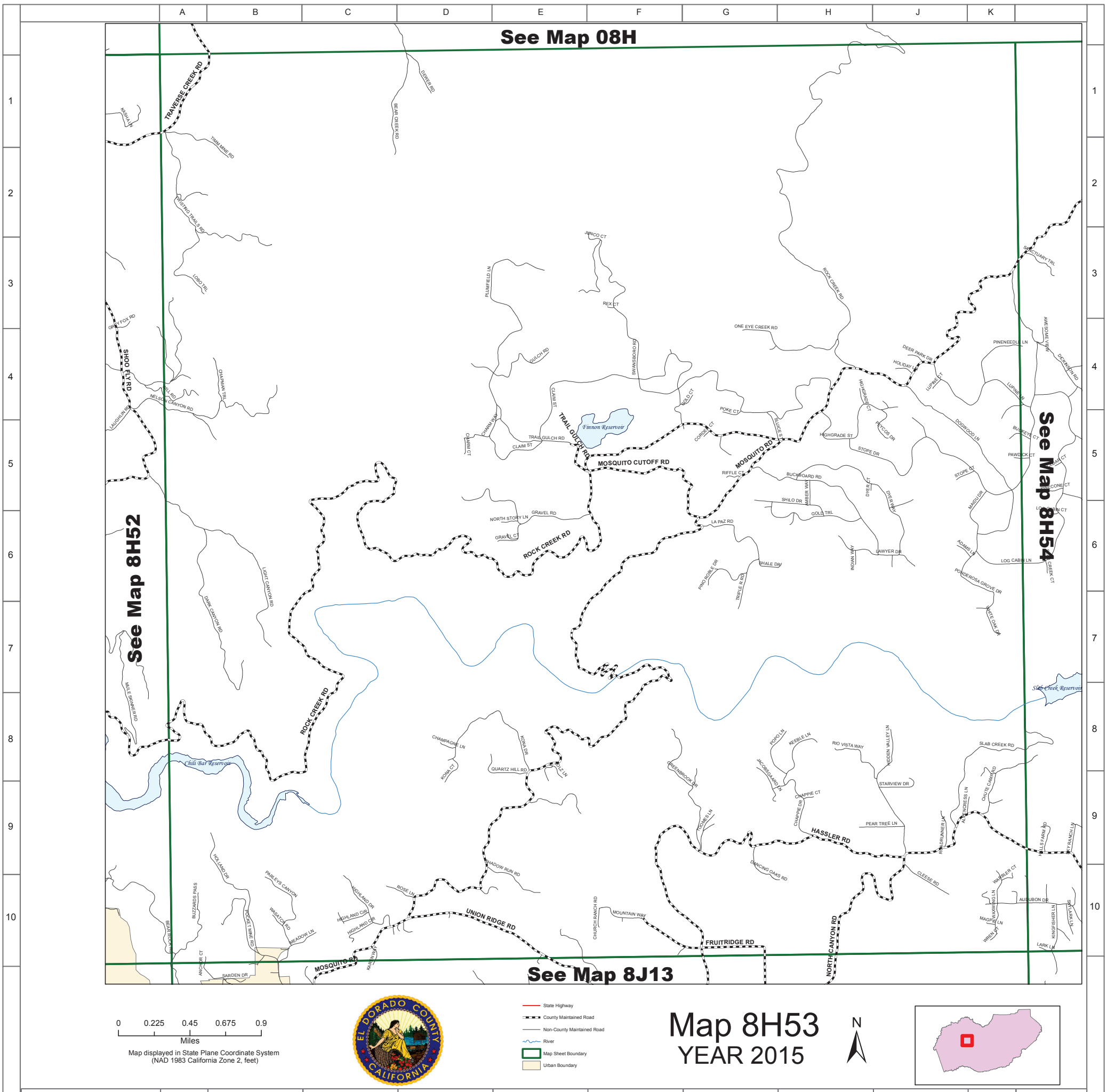
Map displayed in State Plane Coordinate System
(NAD 1983 California Zone 2, feet)

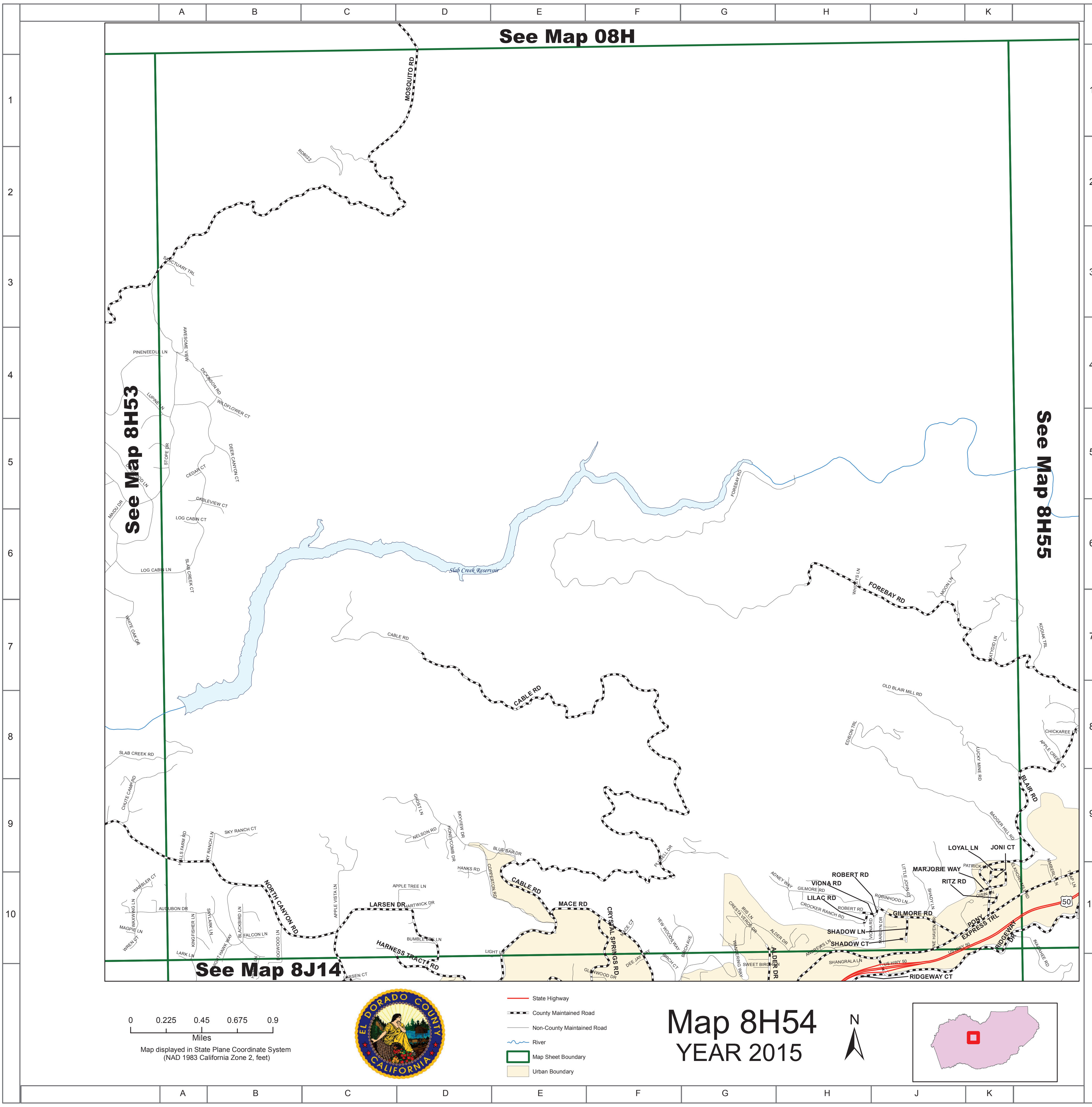
State Highway
County Maintained Road
Non-County Maintained Road
River
Map Sheet Boundary
Urban Boundary

Map 8H51
YEAR 2015

N


See Map 8H42
See Map 8H51
See Map 8H53
See Map 8J12
PROSPECTORS RD
MARSHALL RD
SCOTT RD
LOTUS RD
STATE HWY 49
CARVERS RD
MT MURPHY RD
BRIDGE ST
BACK ST
BREWERY ST
BEKEART LN
CHURCH ST
HIGH ST
153
LAKOTAH LN
KANAKA HILL RD
MANZANITA LN
VINEYARD LN
LA MIRADA RD
MOUNTAIN VIEW DR
COLOMA HEIGHTS RD
JOHNSON RANCH RD
RIVER RD
SERENITY LN
BAYNE RD
SIED RANCH RD
TOAD RD
AVENUE CHATEAU
THOMPSON HILL RD
BIG SKY RANCH RD
BOOT HILL RD
TAI PAN DR
LOS ROBLES RD
COLD SPRINGS RD
SUTTER WAY
GOLD HILL RD
ORO LOMA DR
BROKEN GATE RD
GOLD STRIKE DR
TUNNY BUG RD
MT SHASTA CT
AMERICAN WAY
GOLF WAY
COLOMA RD 153
SOURDOUGH LN
WALLACE RD
BEAR RIDGE RD
KATHY LN
WILKINSON RD
GOLD RUSH LN
DISCOVERY LN
TEAL POND RD
TEAL POND CT
SHANON CT
GRANITE HILL RD
DUNLAP LN
SUNDOWN LN
PAT'S LN
DAS DR
TYRREL LN
EMMERSON RD
BARRY LN
ROYAL VIEW DR
RED TOLL RD
COTTONWOOD RD
BUZZARDS PASS
SWALLOW CANYON RD
ANCHOR CT
DARK CANYON RD
OLD STATE HWY
UNION FLAT LN
LOOKOUT LN
CHICKEN FLAT RD
KASHA LN
TRAVERSE CREEK RD
TIMM MINE RD
SPANISH FLAT RD
MUSTANG TRAILS RD
LOBO TRL
GREY FOX RD
SHOO FLY RD
NORTH KELSEY AVE
MOBILE MANOR RD
NELSON CANYON RD
CHAPMAN TRL
LAUGHLIN RD
KELSEY RD
TOBIAS LN
SHEEPHERDER RIDGE RD
DEAD HORSE RD
STEWART MINE RD
KELSEY CANYON RD
STATE HWY 193
BIG SANDY LN
TEXAS CANYON RD EAST
SOUTH FORK RD
MULE SKINNER RD
ROCK CREEK RD
CIRILI BAR LN
BEAR ROCK RD
WALKERS LN
WELCOME LN
GARDEN CT
GARDEN VALLEY RD
HACKOMILLER RD
HOOD CT
HANCOCK RD
JOHN OWN CREEK RD
OUT BACK LN
SAGEBRUSH RD
PROVIDENCE HILL RD
CHRYSLER DR
LYNX RIDGE RD
SHAKER LN
LAZY BROOK TR
LINCEERING LN
KAHALA RD
HAWAIIAN WAY
ROLLER COASTER RD
OLYMPUS DR
MC KINLEY DR
TEDLO CT
YAMALIKNIS RD
PYRAMID CT
PIKES PEAK DR
SHASTA RD
GARDEN PARK DR
POOHS PATH
YELLOWBRICK RD
TERRA VIEW LOOP
OLIMORAH CT
WOODRIDGE RD
WOODRIDGE LN
RIVERWOOD DR
BAR CREST DR
QUIET CANYON RD
0
0.225
0.45
0.675
0.9
Miles
Map displayed in State Plane Coordinate System
(NAD 1983 California Zone 2, feet)
State Highway
County Maintained Road
Non-County Maintained Road
River
Map Sheet Boundary
Urban Boundary
Map 8H52
YEAR 2015
N


See Map 08H
See Map 8H52
See Map 8H54
See Map 8J13
TRAVERSE CREEK RD
DEVER RD
BEAR CREEK RD
TIMM MINE RD
KASHAN
EXISTING TRAILS RD
LORO TRL
GREY FOX RD
SHOO FLY RD
NELSON CANYON RD
CHAPMAN TRL
LAUDISLIM RD
PLUMFIELD LN
JUNCO CT
REX CT
GULCH RD
SWANSBORO RD
ROCK CREEK RD
ONE EYE CREEK RD
SANCTUARY TRL
AWESOME VIEW
DEER PARK DR
HOLIDAY LN
LUPINE CT
PINENEEDLE LN
DOGWOOD RD
LUPINE LN
CLAIM ST
TRAIL GULCH RD
Finnon Reservoir
GOLD CT
POKE CT
SLUICE ST
HIGHGRADE CT
HIGHGRADE ST
PAYDIRT DR
DOGWOOD LN
BUCKEYE CT
PAWDIRT CT
CHARM WAY
CHARM CT
CORDER CT
MOSQUITO CUTOFF RD
MOSQUITO RD
TRAIL GULCH RD
RIFFLE CT
STOPE DR
STOPE CT
BUCKBOARD RD
AMBER WAY
SHILO DR
GOLD TRL
DYER CT
DYER WAY
MAIDU DR
PINECONE CT
LOG CABIN CT
NORTH STORY LN
GRAVEL RD
GRAVEL CT
ROCK CREEK RD
LA PAZ RD
INDIAN WAY
LAWYER DR
ADAMS LN
LOG CABIN LN
CREEK CT
PINO REBLE DR
TRIPLE R RD
SHALE DR
PONDEROSA GROVE DR
WHITE OAK DR
LIGHT CANYON RD
DARK CANYON RD
MULE SKINNER RD
ROCK CREEK RD
Slab Creek Reservoir
Chili Bar Reservoir
CHAMPAGNE LN
KONA CT
KONA DR
QUARTZ HILL RD
QUARTZ HILL LN
GREENBROOK DR
POPO LN
KEEBLE LN
RIO VISTA WAY
HIDDEN VALLEY LN
STARVIEW DR
JACOBSGARD LN
CHAPPIE CT
CHAPPIE DR
HASSLER RD
PEAR TREE LN
SLAB CREEK RD
CHUTE CAMP RD
ROADRUNNER LN
ANTELOPE CREEK LN
HILLS FARM RD
SKY RANCH LN
ROGIE LN
CLEESE RD
DANCING OAKS RD
HOLLAND DR
BUZZARDS PASS
PARLEYS CANYON
POCKET MINE RD
WASATCH RD
MEADOW LN
HIGHLAND DR
HIGHLAND CIR
ROSE LN
SHADOW RUN RD
UNION RIDGE RD
CHURCH RANCH RD
MOUNTAIN WAY
FRUITRIDGE RD
NORTH CANYON RD
BEAR RIVER DR
ANCHOR CT
SARDEN DR
MOSQUITO RD
KAREN WAY
WARBLER CT
AUDUBON DR
MAGPIE WAY
WREN WAY
KINGFISHER LN
SKYLARK LN
LARK LN
0 0.225 0.45 0.675 0.9
Miles
Map displayed in State Plane Coordinate System
(NAD 1983 California Zone 2, feet)
EL DORADO COUNTY CALIFORNIA
State Highway
County Maintained Road
Non-County Maintained Road
River
Map Sheet Boundary
Urban Boundary
Map 8H53
YEAR 2015
N



See Map 08H
See Map 8H53
See Map 8H55
See Map 8J14
MOSQUITO RD
RD8022
SANCTUARY TRL
AWESOME VIEW
PINENEEDLE LN
DICKINSON RD
LUPINE LN
WILDFLOWER CT
STOPE DR
DEER CANYON CT
CEDAR CT
MAIDU DR
CABLEVIEW CT
LOG CABIN CT
LOG CABIN LN
SLAB CREEK CT
WHITE OAK DR
Slab Creek Reservoir
FOREBAY RD
CABLE RD
WHITNEYS LN
MOON LN
KATYDID LN
KODIAK TRL
OLD BLAIR MILL RD
EDISON TRL
LUCKY MINE RD
CHICKAREE LN
APPLE CREEK CT
BLAIR RD
BADGER HILL RD
SLAB CREEK RD
CHUTE CAMP RD
SKY RANCH CT
HILLS FARM RD
SKY RANCH LN
NORTH CANYON RD
WARBLER CT
WAXWING LN
AUDUBON DR
MAGPIE LN
WREN CT
KINGFISHER LN
SKYLARK LN
BLACKBIRD LN
FALCON LN
LARK LN
DOGWOOD LN
GHOST LN
NELSON RD
SKYVIEW DR
HONEYCOMB DR
BLUE BAR DR
HANKS RD
COPPERTON RD
APPLE VISTA LN
APPLE TREE LN
LARSEN DR
HARTWICK DR
BUMBLE BEE LN
HARNESS TRACT RD
LIGHT LN
MACE RD
CRYSTAL SPRINGS RD
MACE CT
DEE JAY WAY
GLENWOOD DR
PURCELL DR
YEW WOODS WAY
BIRCH AVE
BIRCH CT
IRIS LN
CRESTA VERDE DR
ALDER DR
WANDERING WAY
SWEET BIRCH LN
ADNEY WAY
GILMORE RD
ROBERT RD
VIONA RD
LILAC RD
CROCKER RANCH RD
ROBINHOOD LN
LITTLE JOHN CT
SHADY LN
SHADOW LN
SHADOW CT
MARILYN DR
ANDREWS LN
SHANGRALA LN
US HWY 50
RIDGEWAY CT
PONY EXPRESS TRL
RIDGEWAY DR
LOYAL LN
JONI CT
MARJORIE WAY
PATRICK LN
RITZ RD
OISIN LN
ELKHORN MILL RD
KIMBERLY LN
TRAP LN
INAGAHEE RD
50
0 0.225 0.45 0.675 0.9
Miles
Map displayed in State Plane Coordinate System
(NAD 1983 California Zone 2, feet)
EL DORADO COUNTY CALIFORNIA
State Highway
County Maintained Road
Non-County Maintained Road
River
Map Sheet Boundary
Urban Boundary
Map 8H54
YEAR 2015
N

See Map 08H

See Map 8H54

See Map 09H

DETAIL 1

SEE DETAIL 1

See Map 8J15

0 0.125 0.25 0.375 0.5
Miles

Map displayed in State Plane Coordinate System
(NAD 1983 California Zone 2, feet)

State Highway
County Maintained Road
Non-County Maintained Road
River
Map Sheet Boundary
Urban Boundary

Map 8H55
YEAR 2015

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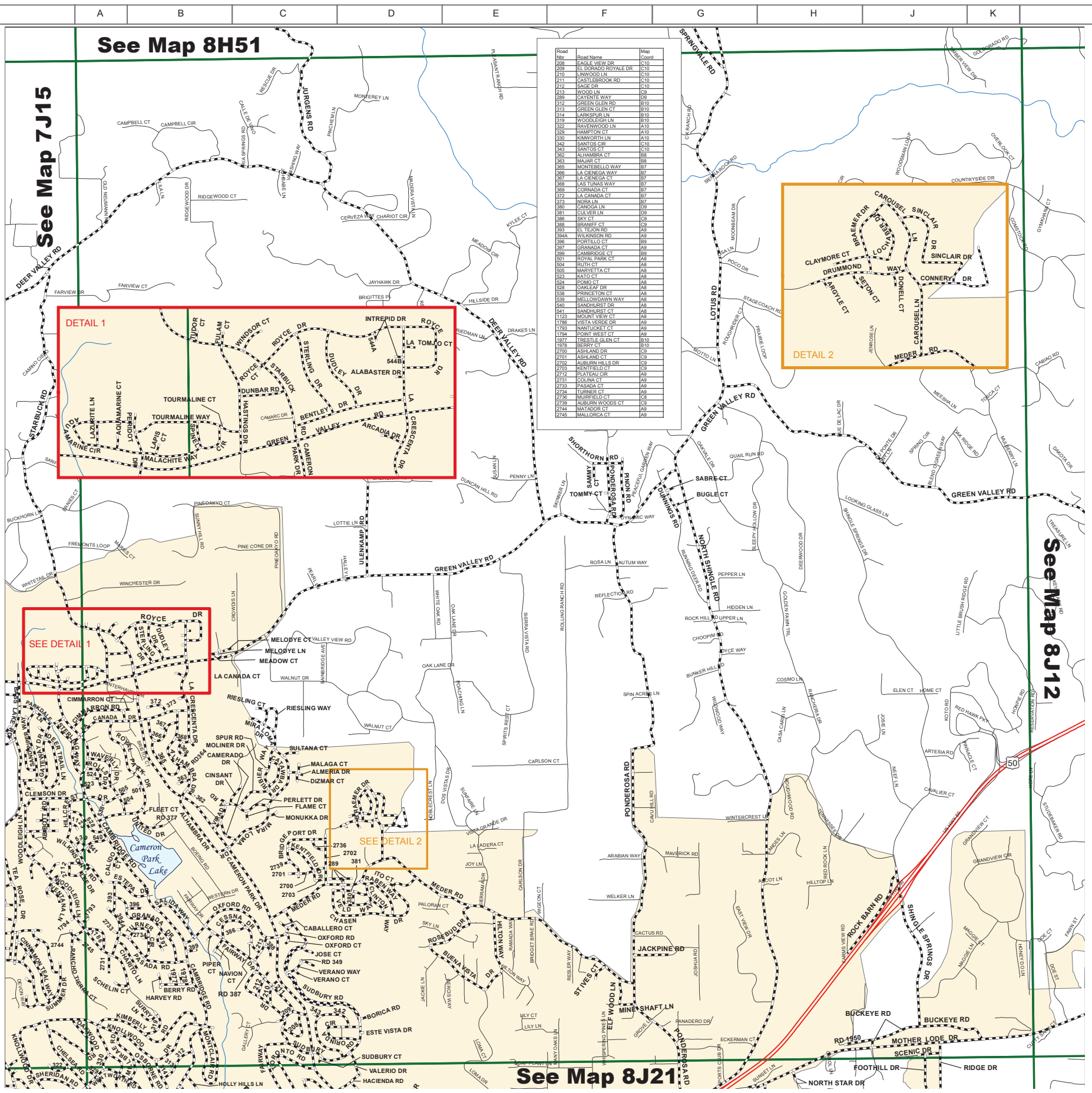
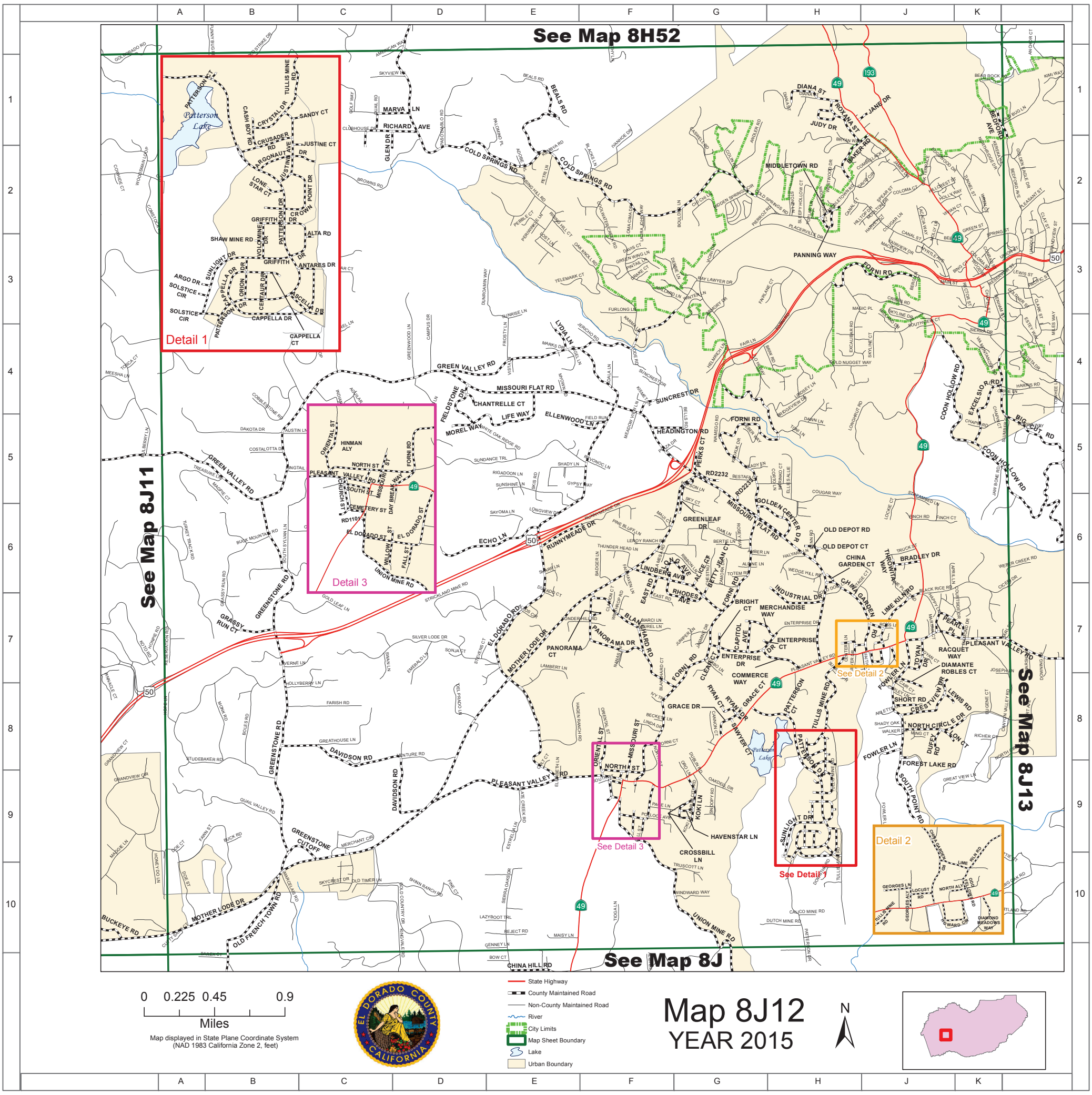
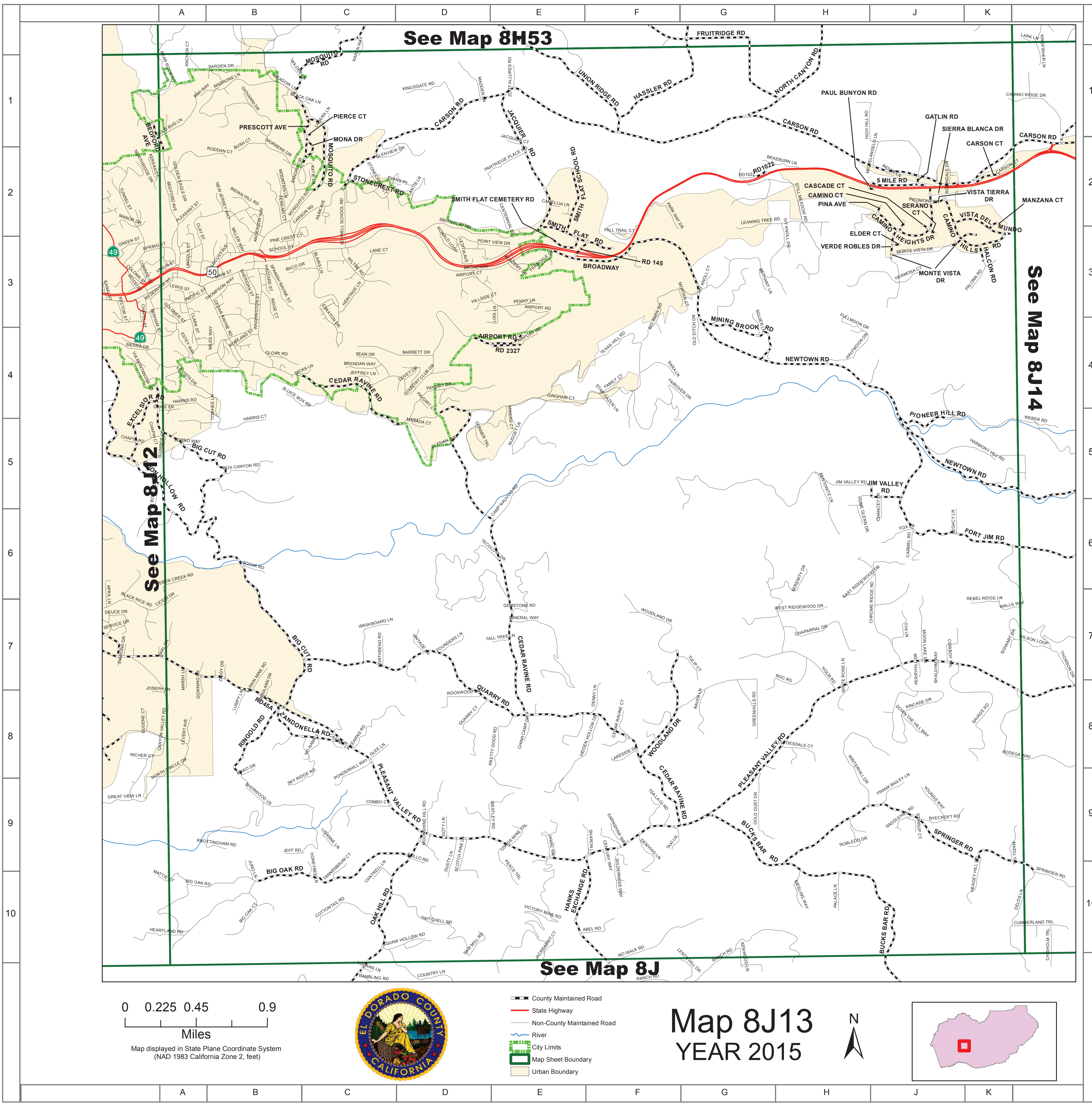
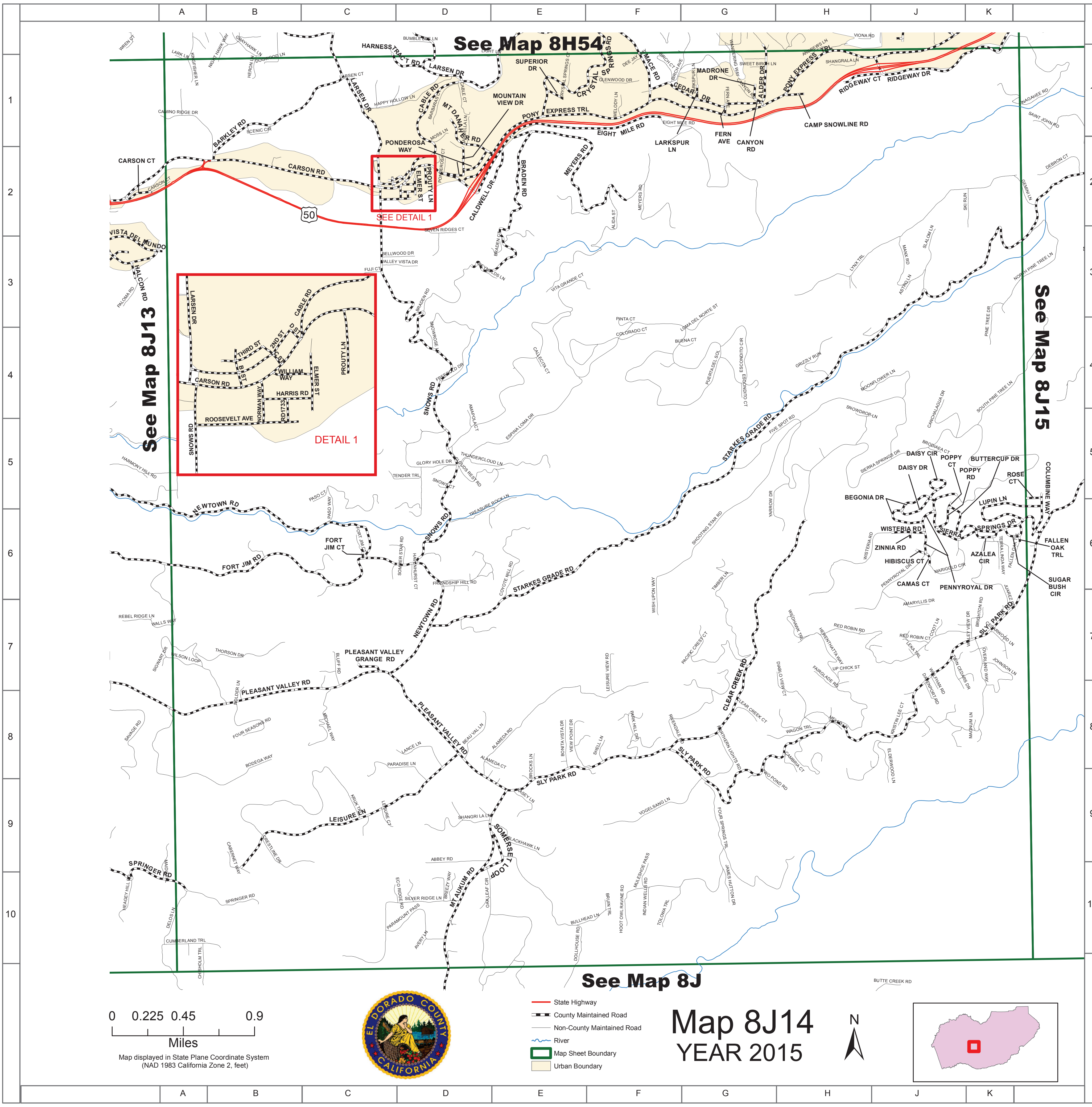


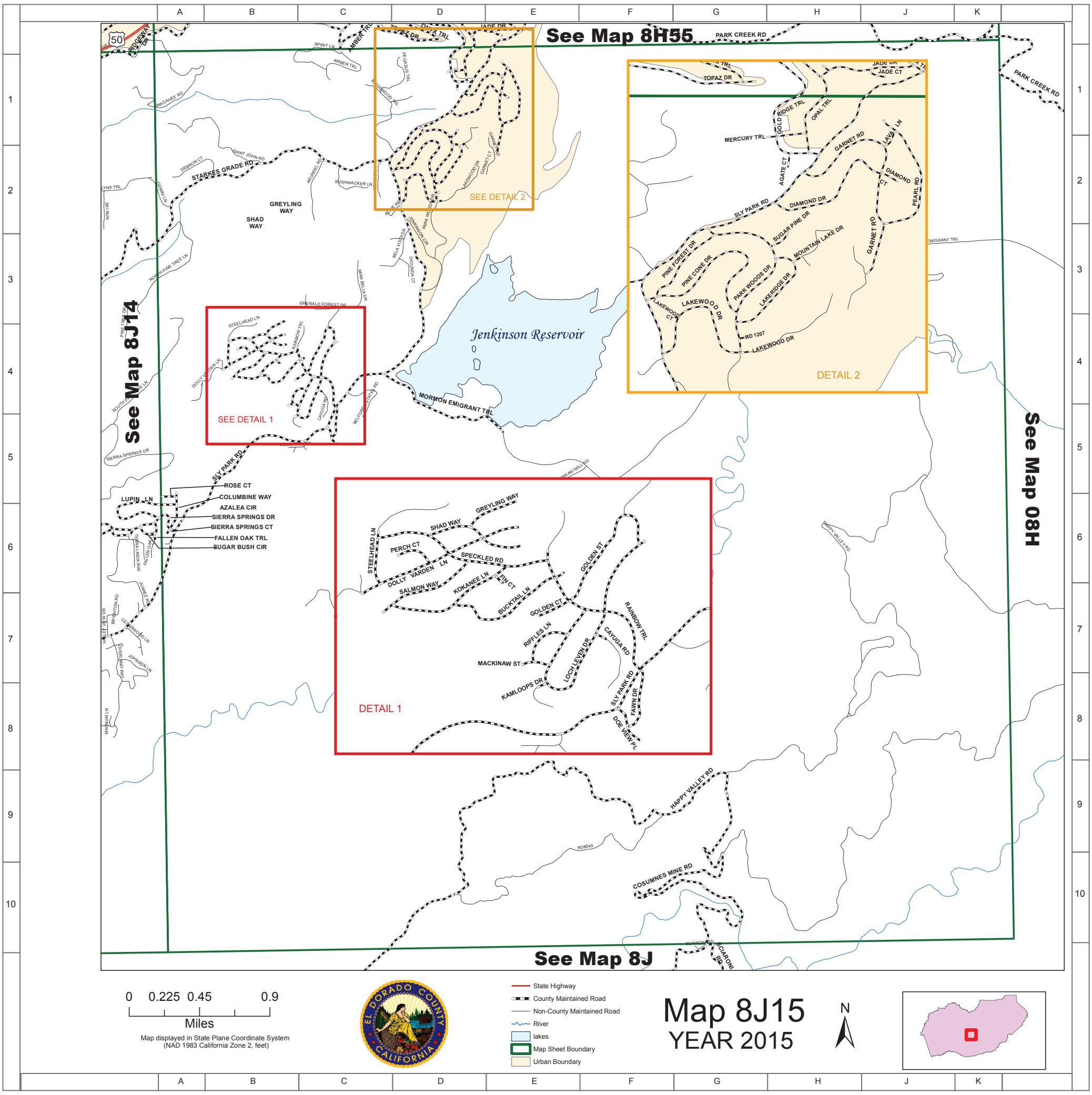
Road Nbr	Road Name	Map Coord
208	EAGLE VIEW DR	C10
209	EL DORADO ROYALE DR	C10
210	LINWOOD LN	C10
211	CASTLEBROOK RD	C10
212	SAGE DR	C10
213	WOOD LN	C9
289	CAYENTE WAY	D9
312	GREEN GLEN RD	B10
313	GREEN GLEN CT	B10
314	LARKSPUR LN	B10
319	WOODLEIGH LN	B10
322	RAVENWOOD LN	A10
329	HAMPTON CT	A10
330	KIMWORTH LN	A10
342	SANTOS CIR	C10
343	SANTOS CT	C10
362	ALHAMBRA CT	B8
363	MAJAR CT	B8
365	MONTEBELLO WAY	B7
366	LA CIENEGA WAY	B7
367	LA CIENEGA CT	B7
368	LAS TUNAS WAY	B7
369	CORNADA CT	B7
372	LA CANADA CT	B7
373	NORA LN	B7
380	CANOGA LN	D9
381	CULVER LN	D9
386	SKY CT	C9
388	BRANIFF CT	C9
393	EL TEJON RD	A9
394A	WILKINSON RD	A9
396	PORTILLO CT	B9
397	GRANADA CT	A9
399	CAMBRIDGE CT	B9
501	ROYAL PARK CT	A8
504	RUTH CT	A8
505	MARYETTA CT	A8
523	KATO CT	A8
524	POMO CT	A8
528	OAKLEAF DR	A8
538	PRINCETON CT	A8
539	MELLOWDAWN WAY	A8
540	SANDHURST DR	A8
541	SANDHURST CT	A8
1123	MOUNT VIEW CT	A8
1786	VISTA VERDE DR	A9
1793	NANTUCKET CT	A9
1794	POINT WEST CT	A9
1977	TRESTLE GLEN CT	B10
1978	BERRY CT	B10
2700	ASHLAND DR	C9
2701	ASHLAND CT	C9
2702	AUBURN HILLS DR	C9
2703	KENTFIELD CT	C9
2712	PLATEAU CIR	A9
2731	COLINA CT	A9
2733	PASADA CT	A9
2734	TURNER CT	A9
2736	MUIRFIELD CT	C8
2739	AUBURN WOODS CT	C9
2744	MATADOR CT	A9
2745	MALLORCA CT	A9

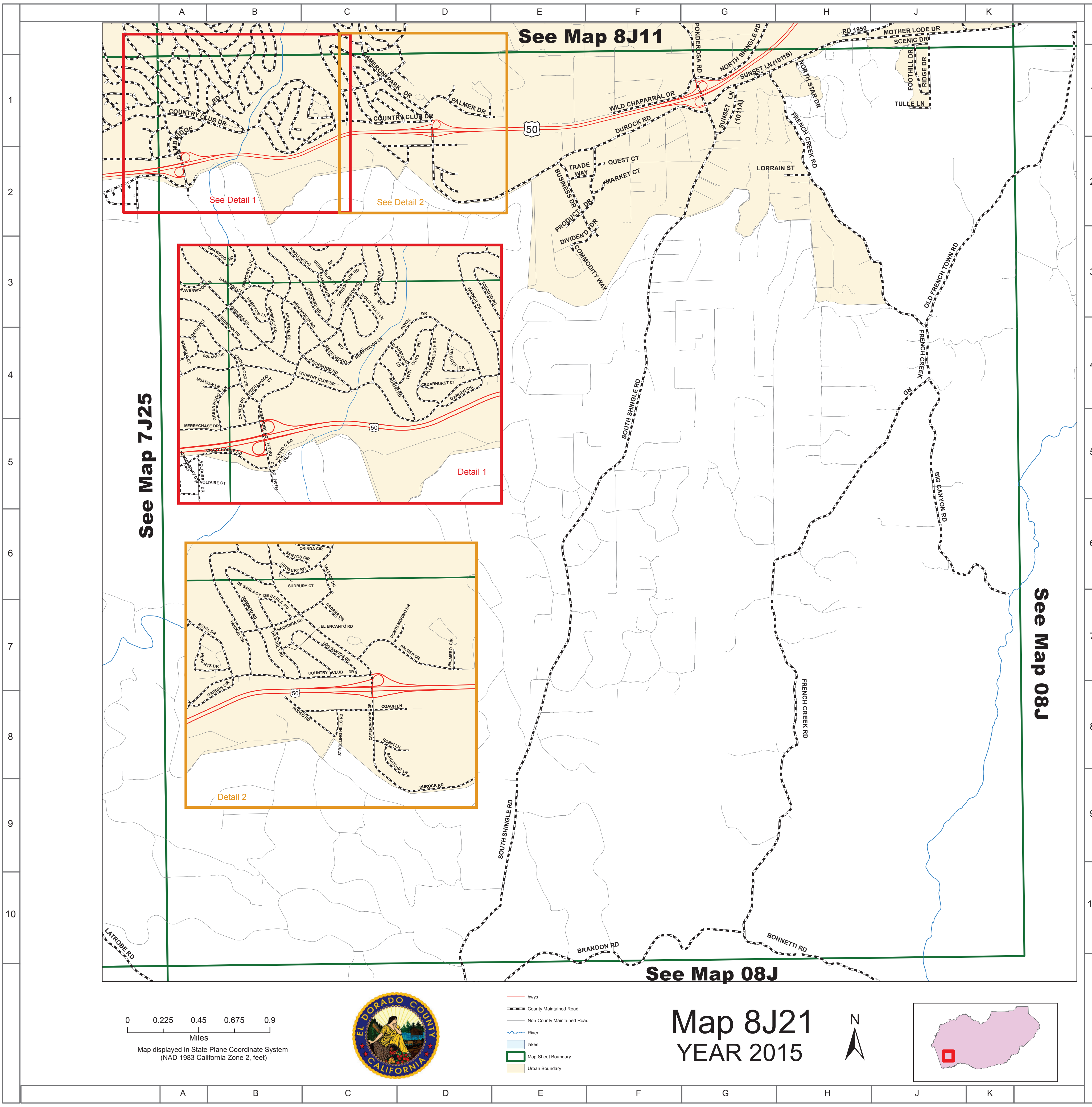

See Map 8H52
See Map 8J11
See Map 8J13
See Map 8J
Detail 1
Detail 2
Detail 3
See Detail 2
See Detail 3
See Detail 1
Patterson Lake
MARVA LN
RICHARD AVE
GLEN DR
COLD SPRINGS RD
BEALS RD
MIDDLETOWN RD
DIANA ST
ROXANA ST
JANE DR
JUDY DR
BAKER RD
PANNING WAY
FORNI RD
GREEN VALLEY RD
MISSOURI FLAT RD
SUNCREST DR
HEADINGTON RD
CHANTRELLE CT
LIFE WAY
ELLENWOOD LN
MOREL WAY
FIELDSTONE DR
PERKS CT
RD2232
GOLDEN CENTER DR
GREENLEAF DR
OLD DEPOT RD
OLD DEPOT CT
CHINA GARDEN CT
BRADLEY DR
INDUSTRIAL DR
MERCHANDISE WAY
ENTERPRISE DR
ENTERPRISE DR CT
COMMERCE WAY
CAPITOL AVE
BRIGHT CT
RHODES AVE
EAST RD
LINDBERG AVE
ALICE CT
BETTY JEAN CT
RAMONA AVE
FORNI RD
BLAKEHARD CT
BLAKEHARD RD
PANORAMA DR
PANORAMA CT
MOTHER LODE DR
EL DORADO RD
GREENSTONE RD
GRASSY RUN CT
GRASSY RUN RD
DAVIDSON RD
PLEASANT VALLEY RD
GREENSTONE CUTOFF
MOTHER LODE DR
OLD FRENCH TOWN RD
BUCKEYE RD
CHINA HILL RD
UNION MINE RD
DUTCH MINE RD
CALICO MINE RD
TULLIS MINE RD
PATTERSON DR
SUNLIGHT DR
HAVENSTAR LN
CROSSBILL LN
GRACE DR
RYAN CT
SAWYER CT
FOWLER LN
SHORT RD
CRESTVIEW DR
LEWIS RD
NORTH CIRCLE DR
DUFEK RD
FOREST LAKE RD
SOUTH POINT RD
RACQUET WAY
DIAMANTE ROBLES CT
PEARL PL
PLEASANT VALLEY RD
LIME KILN RD
COON HOLLOW RD
EXCELSIOR RD
BIG CUT RD
BEDFORD AVE
GOLDEN EAGLE DR
BEAR ROCK RD
KIMI WAY
ANGLER CT
NORTH ST
SOUTH ST
PLEASANT VALLEY RD
CEMETERY ST
DAY BREAK WAY
EL DORADO ST
WILLOW ST
FALL ST
UNION MINE RD
HINMAN ALY
ORIENTAL ST
MISSOURI ST
FORNI RD
RD1101
CHURCH ST
ECHO LN
RUNNYMEADE DR
50
49
193
0 0.225 0.45 0.9
Miles
Map displayed in State Plane Coordinate System
(NAD 1983 California Zone 2, feet)
State Highway
County Maintained Road
Non-County Maintained Road
River
City Limits
Map Sheet Boundary
Lake
Urban Boundary
Map 8J12
YEAR 2015
N



See Map 8H53
See Map 8J14
See Map 8J12
See Map 8J
A
B
C
D
E
F
G
H
J
K
1
2
3
4
5
6
7
8
9
10
FRUITRIDGE RD
MOSQUITO RD
KAREN WAY
UNION RIDGE RD
HASSLER RD
NORTH CANYON RD
CARSON RD
PAUL BUNYON RD
GATLIN RD
SIERRA BLANCA DR
CARSON CT
MANZANA CT
VISTA TIERRA DR
CASCADE CT
CAMINO CT
PINA AVE
SERANO CT
ELDER CT
VERDE ROBLES DR
MONTE VISTA DR
CAMINO HEIGHTS DR
CAMINO HILLS RD
VISTA DEL MUNDO
HALCON RD
5 MILE RD
RD1022
BRAEBURN LN
HIGH HILL RD
MICHELANGELO LN
INDIAN LN
CAMINO RIDGE DR
LARK LN
KINGFISHER LN
PRESCOTT AVE
PIERCE CT
MONA DR
BEDFORD AVE
SARDEN DR
ANCHOR CT
BEAR ROCK RD
MADRONE LN
KIMI WAY
GIOVANNI DR
MEADOW LN
BLACK OAK LN
LADERA LN
KINGSGATE RD
MADDEN LN
ZORT ALLURES RD
JACQUIER RD
JACQUIER CT
PARTRIDGE PLACE RD
GLENVIEW DR
STONECREST RD
EVANS PL
LANTIS LN
SMITH FLAT CEMETERY RD
SMITH FLAT SCHOOL RD
SMITH FLAT RD
CAMELLIA LN
CENTENNIAL CT
FALL TRAIL CT
BROADWAY
RD 145
PARK WAY DR
LEANING TREE RD
IVY KNOLL DR
STILL MEADOW RD
BETHANY LN
HERMOSA CT
PALOMA RD
MORTAR CT
IVY KNOLL CT
OLD DITCH DR
MINING BROOK RD
SQUIER LN
FULLMOON DR
HALFMOON DR
NEWTOWN RD
BIG BARN RD
TEXAS HILL RD
SARA LN
FAIROVER DR
FAMILY CT
STAR GAZER LN
GINGHAM CT
PIONEER HILL RD
WEBER RD
HARMONY HILL RD
JIM VALLEY RD
BENTONITE LN
HUME GLENN DR
CHANCEY LN
FOX LN
CARMEL RD
LEGACY LN
FORT JIM RD
SERENITY DR
EAST RIDGEWOOD DR
WEST RIDGEWOOD DR
CHROME RIDGE RD
REBEL RIDGE LN
WALLS WAY
CHAPARRAL DR
TYA LN
MOON LAKE DR
SHALOHM WAY
COWBOY TRL
SIGWART DR
WILSON LOOP
THORSON DR
PERRYHILL DR
HOLM RD
WHITE ROSE LN
ROC RD
GREENHILLS RD
KINCADE DR
DOWN THE HILL WAY
SAVAGE RD
BODEGA WAY
WOODLAND DR
TULIP CT
RAVEN LN
DENNY LN
HIDDEN HOLLOW DR
CEDAR RAVINE CT
LAKESIDE DR
CEDAR RAVINE RD
PLEASANT VALLEY RD
CLYDESDALE CT
WINTERHILL DR
FRANK BAILEY LN
YOUNGS WAY
SADDLEHILL RD
STIRRUP CT
BYECROFT RD
SPRINGER RD
ROBLEDO DR
GOLD DUST DR
BUCKS BAR RD
HEAGEY HILL RD
MAIDU TRL
DELOS LN
CUMBERLAND TRL
CHISHOLM TRL
TSA LA GI RD
TAXI LN
DEMYHIG LN
EARNSHAW WAY
SHARON LN
CENTURY WAY
WILDERNESS WAY
JAMAL WAY
HANKS EXCHANGE RD
ABEL RD
NO WALK RD
LENTS HILL DR
RANCH RD
KENWOOD LN
RIESLING WAY
PALACE LN
VICTORY MINE RD
JACKRABBIT CT
MOUNTAIN LN
FERRARI CT
MORRENE DR
RODDAN CT
BUSH CT
SANDRA CIR
KATIE LN
MOSQUITO RD
CARSON RD
PARK AVE
SCHNELL SCHOOL RD
OLD BUG LN
NORTHRIDGE DR
KEREKA CT
GOLDEN EAGLE DR
PLEASANT ST
NEW JERSEY WAY
INDIAN HILL RD
MILLER WAY
ANDERSON WAY
CLAY ST
TUNNEL ST
MANOR DR
GREEN ST
SPRING ST
UNION ST
LINCOLN ST
LOCUST AVE
PINE CREST CT
SCHOOL ST
MAIN ST
50
49
COLOMA ST
CONRAD ST
WOOD ST
CANAL ST
RECTOR ST
CHAPEL ST
RESERVOIR ST
LEWIS ST
PACIFIC ST
THOMPSON WAY
SHERIDAN ST
HAZZARD ST
SPANISH RAVINE ST
RIDGE CT
BACO DR
BLAIRS LN
WILTSE RD
LANE CT
HERITAGE LN
ESKATON DR
GOLDNER ST
CLARK ST
BENHAM ST
ESTEY WAY
MILES WAY
CEDAR RAVINE RD
ROWLAND ST
WASHINGTON ST
SIERRA DR
VIA MONTANOSA RD
LA VISTA DR
GLORY RD
SEAN DR
BRENDAN WAY
JEFFREY LN
BARRETT DR
NICKS LN
COVEY DR
COUNTRY CLUB DR
PAYDIRT DR
PAYDIRT CT
SLUICE BOX RD
MASADA CT
ELYSIAN WAY
DONNER TRL
MINERS CT
NUGGET LN
RONALD LOOP
LETITIA AVE
POINT VIEW DR
ACADEMY DR
FERNDALE CT
AIRPORT CT
HILLSIDE CT
PENNY LN
AIRPORT RD
LOIS LN
RD 2327
EXCELSIOR RD
GRICE LN
HARRIS RD
TOWHEE LN
HARRIS CT
CHAPIN RD
CHAPIN CT
SLUMBER CT
BURRO WAY
BIG CUT RD
BOX CANYON RD
ON HOLLOW RD
CAMP NAUVOO RD
TECOLOTE DR
SOFAR RD
BEEBER CREEK RD
APRIL LN
BLACK RICE RD
CICERI DR
DEUCE DR
SERVICE DR
DIAMOND DR
CARL DR
GEMSTONE RD
MINERAL WAY
TALL TREE LN
WASHBOARD LN
NORTHBEND RD
VINTAGE LN
FOUNDERS LN
QUARRY RD
ROCKWOOD DR
QUARRY CT
PRETTY GOOD RD
CHINA CAMP DR
JOSEPH LN
MARSH LN
DOWNING LN
ZIGGY DR
LUMPY LN
LARKIN MINE RD
SAVAANN DR
RD45A
RINGOLD RD
ZANDONELLA RD
CASPER LN
KEARNS RD
GLEE LN
NO NAME LN
EUGENE CT
CANYON VALLEY RD
LEVERT AVE
RICHER CT
NORTH CIRCLE DR
GREAT VIEW LN
MAKO DR
SKY RIDGE RD
PONDERHILL WAY
SHERWOOD LN
COMBO CT
MOONSHINE HILL RD
DOTY LN
WESTLEY RD
LORDS MINE TRL
KNOTTINGHAM RD
LISANNE LN
JEFF RD
HONEYBEE LN
TANNENBAUM CT
JUNO LN
BIG OAK RD
MATTIE CT
CANTRELL LN
ROLLO RD
DUSTY LN
SCOTCH PINE LN
PEACE TRL
BIG OAK CT
COTTONTAIL RD
OAK HILL RD
TWITCHELL RD
HEARTLAND RD
SQUAW HOLLOW RD
SAW MILL RD
LOGANS LN
RAMBLING RD
COUNTRY LN
0 0.225 0.45 0.9
Miles
Map displayed in State Plane Coordinate System
(NAD 1983 California Zone 2, feet)
EL DORADO COUNTY CALIFORNIA
County Maintained Road
State Highway
Non-County Maintained Road
River
City Limits
Map Sheet Boundary
Urban Boundary
Map 8J13
YEAR 2015
N

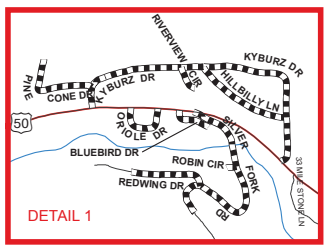

See Map 8H54
See Map 8J13
See Map 8J15
See Map 8J
SEE DETAIL 1
DETAIL 1
50
HARNESS TRACT RD
LARSEN DR
LARSEN CT
BUMBLE BEE LN
LIGHT LN
SUPERIOR DR
CRYSTAL SPRINGS CT
CRYSTAL SPRINGS RD
MOUNTAIN VIEW DR
PONY EXPRESS TRL
CABLE RD
CABLE CT
BARBARAS CT
MT DANAHER RD
MOSS LN
PONDEROSA WAY
PONDEROSA CT
PROUTY LN
ELMER ST
CALDWELL DR
BRADEN RD
BRADEN CT
MEYERS RD
EIGHT MILE RD
GLENWOOD DR
MELODY LN
DEE JAY WAY
MACE RD
BIRCH CT
BIRCH AVE
LARKSPUR LN
CEDAR DR
MADRONE DR
FERN AVE
CANYON RD
ALDER DR
WANDERING WAY
SWEET BIRCH LN
ANDREWS LN
SHANGRALA LN
VIONA RD
RIDGEWAY CT
RIDGEWAY DR
CAMP SNOWLINE RD
NAGAHEE RD
SAINT JOHN RD
DEBRON CT
GEMINI LN
SKI RUN
ALIDA ST
WREN CT
LARK LN
KINGFISHER LN
NIGHT HAWK WAY
GRAYHAWK LN
HERON LN
DOGWOOD LN
HAPPY HOLLOW LN
CAMINO RIDGE DR
BARKLEY RD
SCENIC CIR
CARSON CT
CARSON RD
VISTA DEL MUNDO
HALCON RD
PALOMA RD
SEVEN RIDGES CT
BELLWOOD DR
VALLEY VISTA DR
FUJI CT
REYNOLDS LN
SNOWROSE LN
VITA GRANDE CT
LYNX TRL
MANX RD
SLALOM LN
ASTRO LN
NORTH PINE TREE LN
PINE TREE DR
PINTA CT
COLORADO CT
LOMA DEL NORTE ST
BUENA CT
CALLECITA CT
PUERTA DEL SOL
ESCONDITO CIR
ESCONDITO CT
GRIZZLY RUN
MOONFLOWER LN
SNOWDROP LN
CANCHALAGUA DR
SOUTH PINE TREE LN
FIVE SPOT RD
STARKES GRADE RD
LARSEN DR
CABLE RD
THIRD ST
2ND ST
D ST
C ST
B ST
WILLIAM WAY
CARSON RD
HARRIS RD
ELMER ST
PROUTY LN
NORMAN WAY
RD1733
ROOSEVELT AVE
SNOWS RD
FREEGOLD DR
AMAPOLA CT
ESPINA LOMA DR
HARMONY HILL RD
GLORY HOLE DR
THUNDERCLOUD LN
CLOUDS REST RD
TENDER TRL
SNOWS CT
TREASURE ROCK LN
NEWTOWN RD
PASO CT
PASO WAY
FORT JIM CT
FORT JIM RD
SOMMER STAR RD
HAVENHURST CT
FRIENDSHIP HILL RD
COYOTE HILL RD
YARROW DR
SHOOTING STAR RD
BRODIAEA CT
SIERRA SPRINGS DR
DAISY CIR
DAISY DR
POPPY CT
POPPY RD
BUTTERCUP DR
ROSE CT
COLUMBINE WAY
BEGONIA DR
LUPIN LN
WISTERIA RD
SIERRA SPRINGS DR
ZINNIA RD
HIBISCUS CT
AZALEA CIR
TERRA LINDA WAY
FALLEN OAK TRL
SUGAR BUSH CIR
CAMAS CT
PENNYROYAL DR
MARIGOLD CIR
AMARYLLIS DR
JUAREZ RD
REBEL RIDGE LN
WALLS WAY
WISH UPON WAY
TIMBER LN
SIGWART DR
WILSON LOOP
THORSON DR
PLEASANT VALLEY GRANGE RD
BLUFF RD
PLEASANT VALLEY RD
MOLDER LN
WILDHAWK TRL
RED ROBIN RD
RED ROBIN CT
COOT LN
LEKA TRL
HEWENTHATTA WAY
UP CHICK ST
FAIRGLADE RD
DIABLO VIEW CT
VALLEY VIEW DR
BRIGHTON RD
SLY PARK RD
CEDARWOOD LN
OVERLAND WAY
JOHNSON LN
TWIN CEDARS DR
WOLFHAN RD
DAVENPORT RD
PACIFIC CREST CT
LEISURE VIEW RD
CLEAR CREEK RD
CLEAR CREEK CT
SAVAGE RD
FOUR SEASONS RD
MICHAEL WAY
BEAU VAL LN
ALAMEDA RD
ALAMEDA CT
LANCE LN
PARADISE LN
BODEGA WAY
BROCKS LN
BONITA VISTA DR
VIEW POINT DR
SHELL LN
PARK HILL DR
RIVENDALE RD
NORTHERN LIGHTS RD
WAGON TRL
MELLON LN
KRISTIN LEE CT
MAGNUM LN
ELDERWOOD LN
CAMBRIA CT
TWO POND RD
KASEY LN
KRUK TRL
LEISURE LN
LEISURE CT
SHANGRI LA LN
VOGELSANG LN
SOMERSET LOOP
BLACKHAWK LN
CRESTLINE DR
CABERNET WAY
ABBEY RD
FOUR SPRINGS TRL
JAMES HUTTON DR
SPRINGER RD
MAIDU RD
HEAGEY HILL RD
DELOS LN
CUMBERLAND TRL
CHISHOLM TRL
ECO RIDGE RD
SILVER RIDGE LN
BREEZY WAY
PARAMOUNT PASS
AVERY LN
MT AUKUM RD
OAK LEAF CIR
BULLHEAD LN
DOLLHOUSE RD
BRUIN TRL
HOOT OWL RAVINE RD
MULESHOE PASS
INDIAN WELLS RD
TOLOWA TRL
BUTTE CREEK RD
A B C D E F G H J K
1 2 3 4 5 6 7 8 9 10
0 0.225 0.45 0.9
Miles
Map displayed in State Plane Coordinate System
(NAD 1983 California Zone 2, feet)
EL DORADO COUNTY CALIFORNIA
State Highway
County Maintained Road
Non-County Maintained Road
River
Map Sheet Boundary
Urban Boundary
Map 8J14
YEAR 2015
N


See Map 8H55
See Map 8J14
See Map 08H
See Map 8J
SEE DETAIL 2
SEE DETAIL 1
DETAIL 2
DETAIL 1
Jenkinson Reservoir
PARK CREEK RD
STARKES GRADE RD
SLY PARK RD
MORMON EMIGRANT TRL
HAPPY VALLEY RD
COSUMNES MINE RD
GREYLING WAY
SHAD WAY
TOPAZ DR
JADE DR
JADE CT
GOLD RIDGE TRL
OPAL TRL
MERCURY TRL
GARNET RD
LAVA LN
AGATE CT
DIAMOND CT
PEARL RD
DIAMOND DR
SUGAR PINE DR
MOUNTAIN LAKE DR
GARNET RD
PINE FOREST DR
PINE CONE DR
PARK WOODS DR
LAKERIDGE DR
LAKEWOOD CT
LAKEWOOD DR
RD 1207
LAKEWOOD DR
EMIGRANT TRL
AMBER TRL
SPIRIT LN
PEGASUS TRL
RIDGEWAY DR
WAGAHEE RD
SAINT JOHN RD
DEBRON CT
LYNX TRL
SKI RUN
PEGAN LN
ARUNDEL RD
BUSHWACKER LN
GARNET CT
LAKEWOOD DR
IRONWOOD CIR
PARK WOOD CT
BELLA VISTA DR
DULINDA CT
MIRA BELLA DR
NORTH PINE TREE LN
EMERALD FOREST DR
STEELHEAD LN
RAINBOW TRL
DOLLY VARDEN LN
CAYUGA RD
BELFORD ESTATES RD
SOUTH PINE TREE LN
SIERRA SPRINGS DR
ROSE CT
COLUMBINE WAY
AZALEA CIR
SIERRA SPRINGS DR
SIERRA SPRINGS CT
FALLEN OAK TRL
SUGAR BUSH CIR
LUPIN LN
FALLEN OAK
JUMPER RD
BRIGHTON RD
CEDARWOOD LN
JOHNSON LN
MAGNUM LN
PERCH CT
SPECKLED RD
SALMON WAY
KOKANEE LN
FIN CT
BUCKTAIL LN
GOLDEN ST
GOLDEN CT
RIFFLES LN
MACKINAW ST
KAMLOOPS DR
LOCH LEVEN DR
FAWN DR
DOE VIEW PL
RD8049
SCHARONI RD
HAPPY VALLEY RD
0 0.225 0.45 0.9
Miles
Map displayed in State Plane Coordinate System
(NAD 1983 California Zone 2, feet)
State Highway
County Maintained Road
Non-County Maintained Road
River
lakes
Map Sheet Boundary
Urban Boundary
Map 8J15
YEAR 2015
N

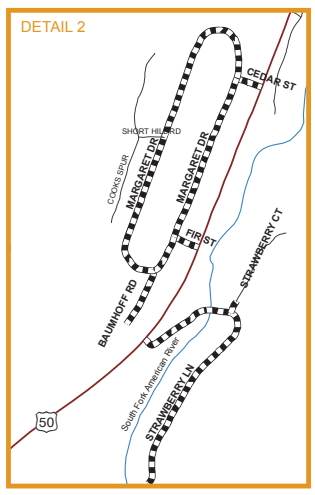

See Map 8J11
See Map 7J25
See Map 08J
See Map 08J
See Detail 1
See Detail 2
Detail 1
Detail 2
COUNTRY CLUB DR
CAMBRIDGE
CAMERON PARK DR
PALMER DR
50
WILD CHAPARRAL DR
DUROCK RD
PONDEROSA RD
NORTH SHINGLE RD
SUNSET LN (1011B)
SUNSET LN (1011A)
NORTH STAR DR
RD 1950
MOTHER LODE DR
SCENIC DR
FOOTHILL DR
RIDGE DR
TULLE LN
FRENCH CREEK RD
LORRAIN ST
TRADE WAY
QUEST CT
MARKET CT
BUSINESS DR
PRODUCT DR
DIVIDEND DR
COMMODITY WAY
OLD FRENCH TOWN RD
SOUTH SHINGLE RD
BIG CANYON RD
BRANDON RD
BONNETTI RD
LATROBE RD
OAKWOOD RD
KNOLLWOOD
GREENGLEN CT
GREEN GLEN RD
MONTCLAIR RD
RAVENWOOD LN
HAMPTON CT
KIMWORTH LN
LARKSPUR LN
CAMBRIDGE RD
HOLLY HILLS LN
TORONTO RD
FAIRWAY DR
HAMPTON LN
CHELSEA RD
KIMBERLY RD
MILLBRAE RD
WENTWORTH RD
OSBORNE RD
SHERIDAN RD
DARIUS CT
SOMBRA CT
SOLANO RD
MERRYWOOD
MERRYWOOD LN
ROYAL DR
GLADSTONE LN
TWIN OAKS
HILLSBOROUGH RD
HEIGHTS DR
ARCHWOOD RD
COUNTRY CLUB DR
KNOLLWOOD DR
KNOLLWOOD CT
MEADOW LN
GREENWOOD LN
CAMEO DR
RUSTIC RD
CEDARHURST CT
GARDEN CIR
MERRYCHASE DR
CRAZY HORSE RD
FLYING C RD
(1021)
(1019)
HEMMINGWAY CT
VOLTAIRE DR
VOLTAIRE CT
ORINDA CIR
SANTOS CIR
SUDBURY RD
SUDBURY CT
VALERIO DR
DE SABLA CT
DE SABLA RD
TORONTO RD
SABANA DR
ROYAL DR
FAIRWAY DR
HACIENDA RD
EL ENCANTO RD
PONTE MORINO DR
LOS SANTOS DR
PALMER DR
PALMERO CIR
HEIGHTS DR
COUNTRY CLUB DR
GARDEN CIR
RODEO RD
COACH LN
STROLLING HILLS RD
CAMERON PARK DR
ROBIN LN
SARATOGA LN
DUROCK RD
0 0.225 0.45 0.675 0.9
Miles
Map displayed in State Plane Coordinate System
(NAD 1983 California Zone 2, feet)
EL DORADO COUNTY CALIFORNIA
hwys
County Maintained Road
Non-County Maintained Road
River
lakes
Map Sheet Boundary
Urban Boundary
Map 8J21
YEAR 2015
N

See Map 09G

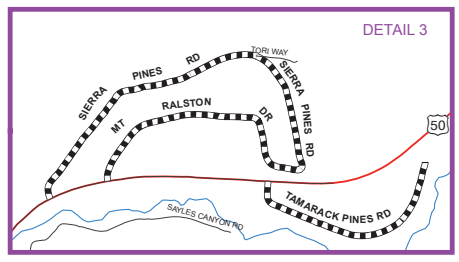
DETAIL 1



DETAIL 2



DETAIL 3



See Map 08H

See Map 10H

9H24

9H35

9H45

9H55

Lake Tahoe

Loon Lake

Reservoir
Valley
Union

Ice House Reservoir

Fallen Leaf Lake

Lake Aloha

SEE DETAIL 1

SEE DETAIL 2

SEE DETAIL 3

See Map 09J

State Highway
County Maintained Road
Non-County Maintained Road
River
Lake
Map Sheet Boundary
Detail Map
Urban Boundary
County Boundary

0 0.75 1.5 2.25 3
Miles

Map displayed in State Plane Coordinate System
(NAD 1983 California Zone 2, feet)

Map 09H

YEAR 2015

N

See Map 09H

See Map 08J

See Map 10J

See Map 9K

HAZEL VALLEY RD

PARK RIVER RD

CAMPS CROSSING RD

LEONI RD

OMO RANCH RD

- State Highway
- County Maintained Road
- Non-County Maintained Road
- River
- Lake
- Map Sheet Boundary
- Detail Map
- Urban Boundary
- County Boundary

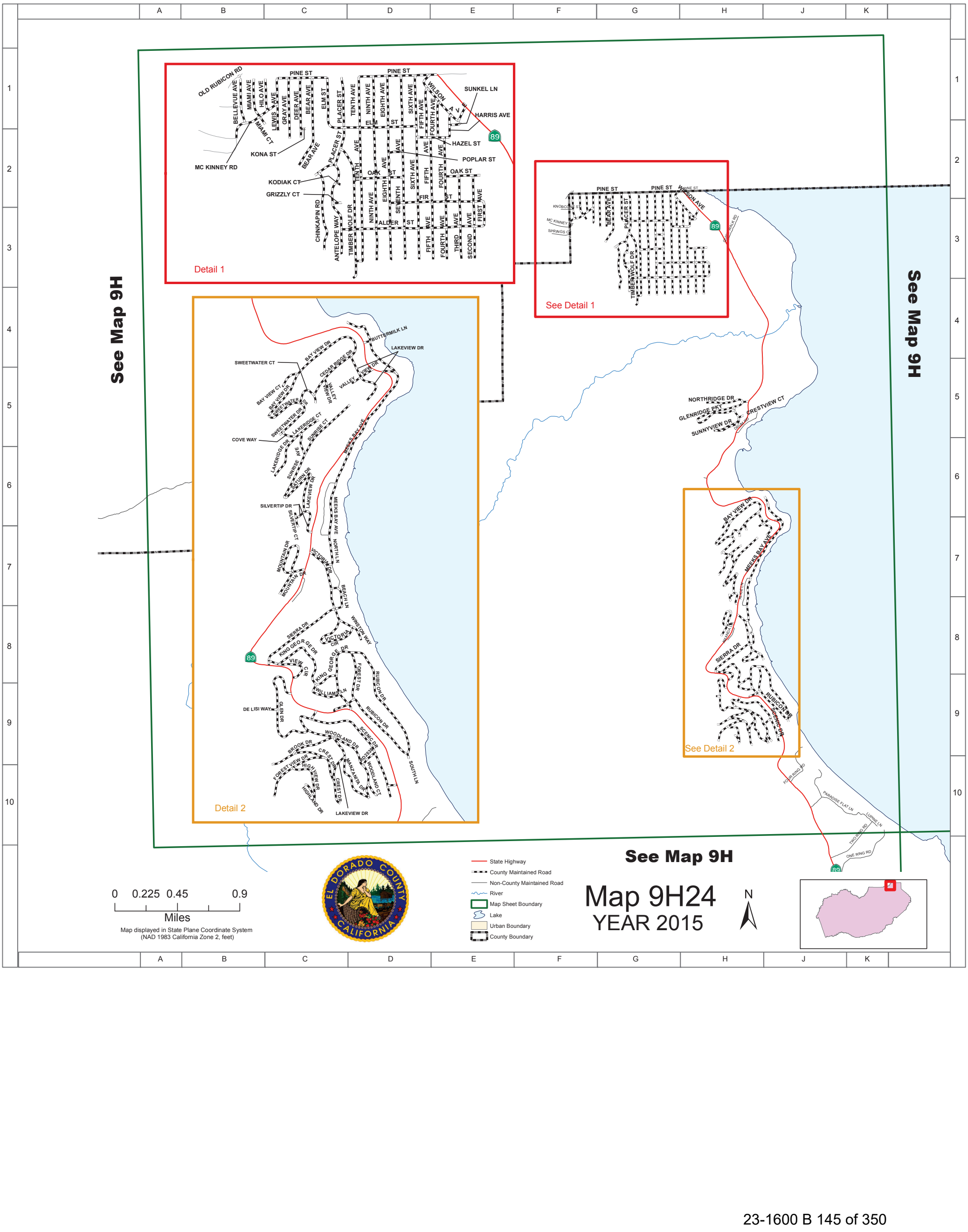
0 0.75 1.5 2.25 3
Miles

Map displayed in State Plane Coordinate System
(NAD 1983 California Zone 2, feet)

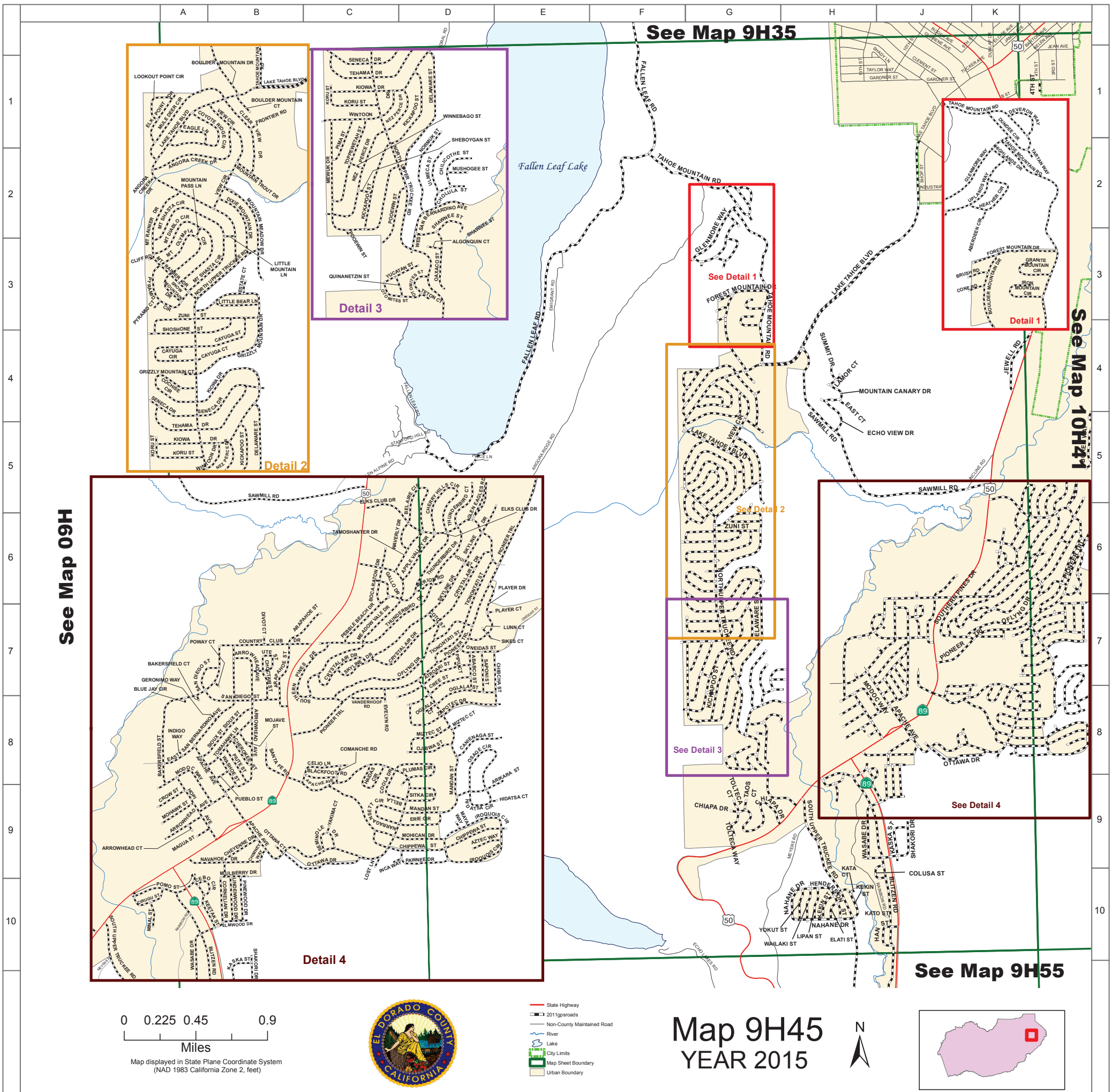
Map 09J

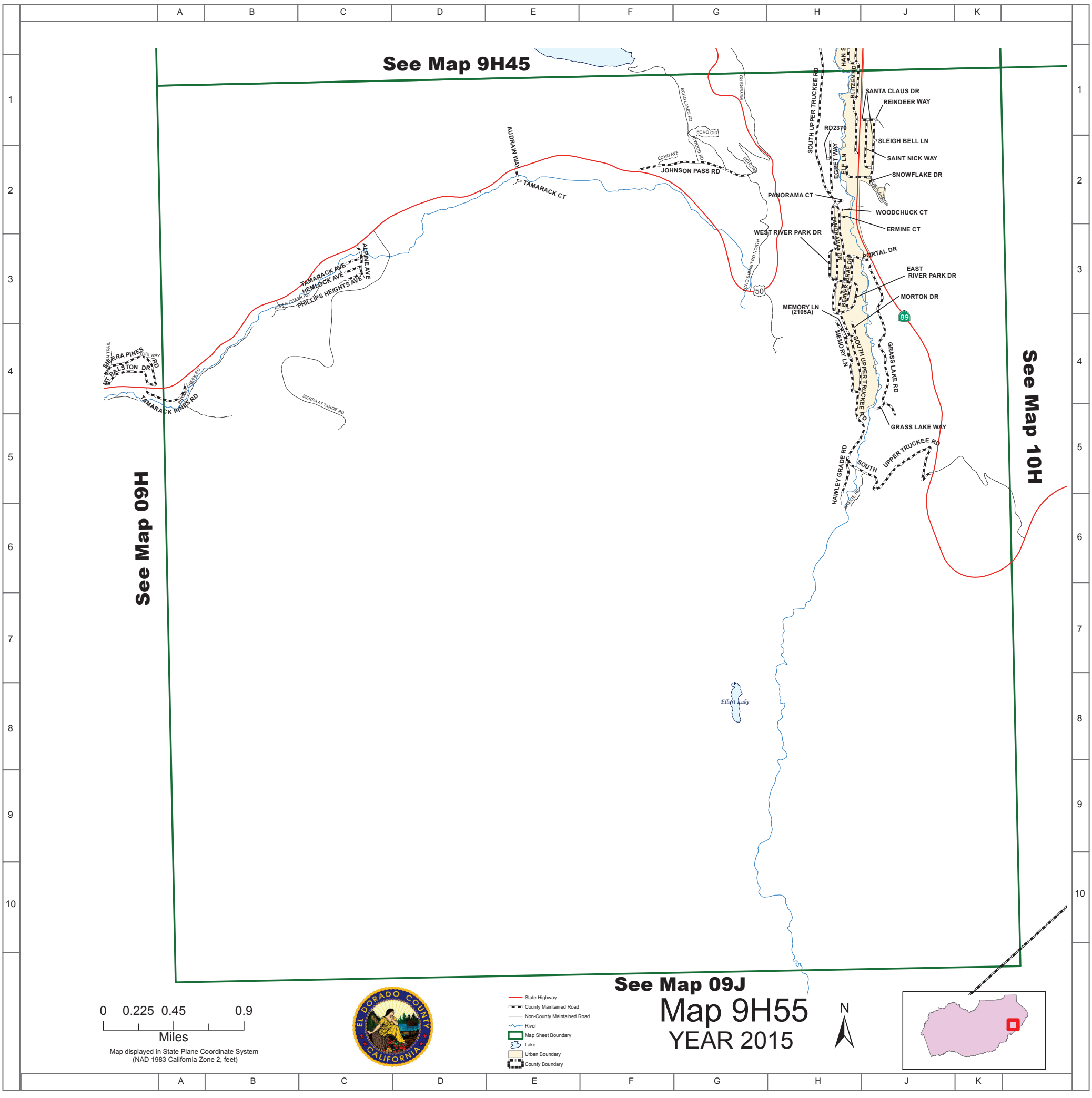
YEAR 2015

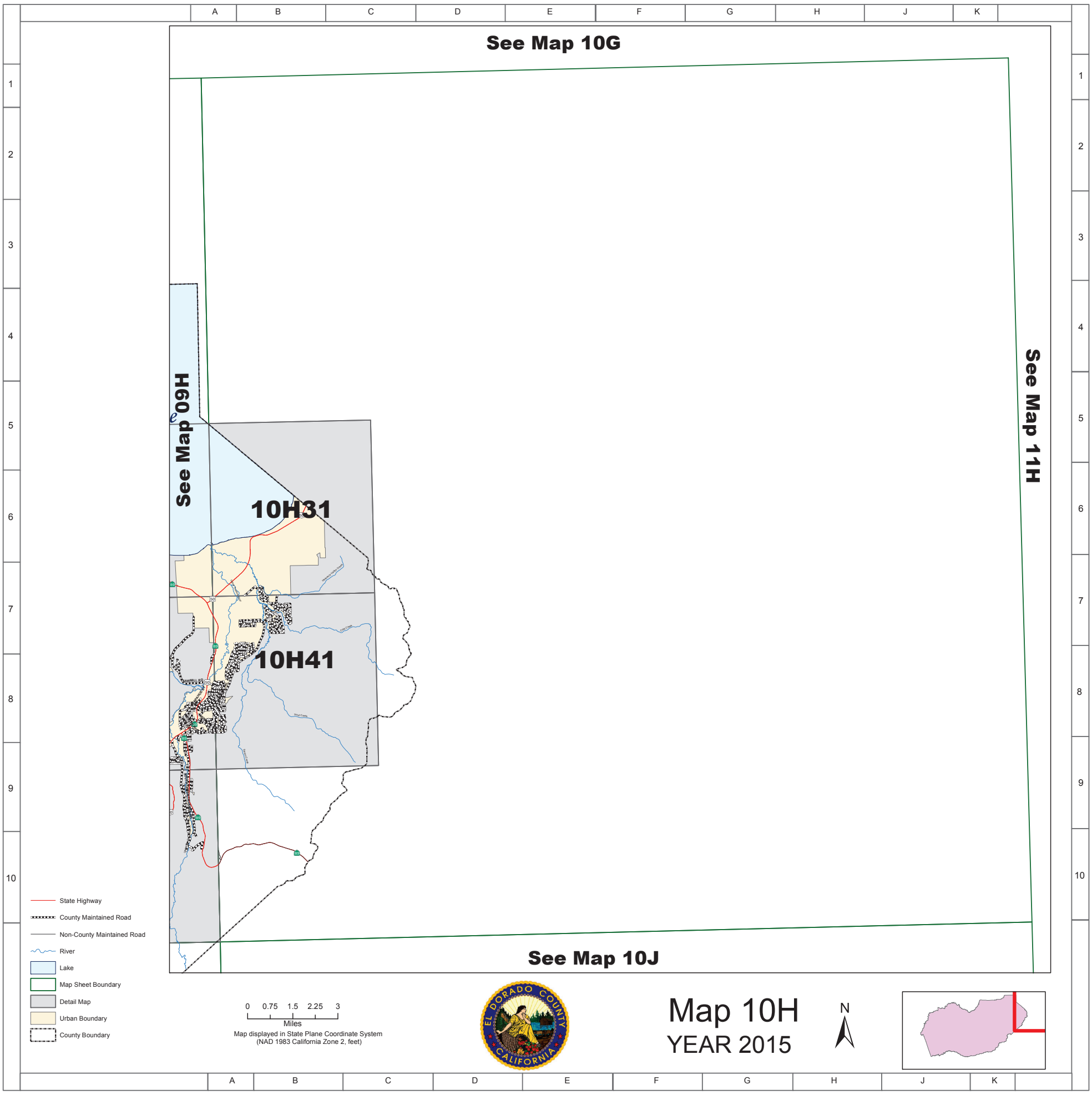
N


See Map 9H
Detail 1
PINE ST
OLD RUBICON RD
BELLEVUE AVE
MIAMI AVE
HILO AVE
LEWIS AVE
GRAY AVE
DEER AVE
BEAR AVE
ELM ST
PLACER ST
TENTH AVE
NINTH AVE
EIGHTH AVE
SIXTH AVE
FIFTH AVE
FOURTH AVE
WILSON AVE
SUNKEL LN
HARRIS AVE
HAZEL ST
POPLAR ST
OAK ST
MIAMI CT
KONA ST
MC KINNEY RD
KODIAK CT
GRIZZLY CT
CHINKAPIN RD
ANTELOPE WAY
TIMBER WOLF DR
SEVENTH AVE
FIR ST
ALDER ST
THIRD AVE
SECOND AVE
FIRST AVE
89
See Detail 1
KNOBCONE ST
MC KINNEY
SPRINGS WAY
Detail 2
BUTTERMILK LN
LAKEVIEW DR
SWEETWATER CT
BAY VIEW DR
CEDAR RIDGE DR
VALLEY VIEW DR
SWEETWATER DR
LAKERIDGE CT
LAKERIDGE DR
SUNRISE CT
SUNRISE AVE
COVE WAY
SATURN DR
SILVERTIP DR
SILVERTIP CT
MOUNTAIN DR
MEEKS BAY AVE
NORTH LN
VICTORIA DR
BEACH LN
WINSTON WAY
VICTORIA CIR
SIERRA DR
KING GEORGE DR
VIEW CIR
WILLIAMS LN
FOREST DR
RUBICON DR
DE LISI WAY
GLEN DR
WOODLAND DR
SCENIC DR
BROOK DR
FOREST VIEW DR
HIGH VIEW DR
HIGHLAND DR
CREST DR
MANZANITA DR
WOODLAND CT
SOUTH LN
LAKEVIEW DR
NORTHRIDGE DR
GLENRIDGE PKY
SUNNYVIEW DR
CRESTVIEW CT
HANSEN DR
FOUR RING RD
PARADISE FLAT LN
LUPINE LN
TWO RING RD
ONE RING RD
See Map 9H
0 0.225 0.45 0.9
Miles
Map displayed in State Plane Coordinate System
(NAD 1983 California Zone 2, feet)
EL DORADO COUNTY CALIFORNIA
State Highway
County Maintained Road
Non-County Maintained Road
River
Map Sheet Boundary
Lake
Urban Boundary
County Boundary
See Map 9H
Map 9H24
YEAR 2015
N

See Map09H
See Map 09H
See Map 10H31
See Map 9H45
Lake Tahoe
Cascade Lake
Fallen Leaf Lake
LUPINE LN
ONE RING RD
SUGAR PINE RD
CASCADE RD
BALDWIN RD
TALLAC POINT RD
HERITAGE WAY
VALHALLA RD
JAMESON BEACH RD
POPE BEACH RD
ALLIKLIK RD
HUPA RD
KAROK RD
MATTOLE RD
SPRING CREEK RD
PALWIN RD
POMO RD
YUROK RD
MT TALLAC C RD
MT TALLAC RD
MT TALLAC A RD
CATHEDRAL RD
FALLEN LEAF RD
89
50
ALOHA DR
BEACH DR
WHITE SANDS DR
M.A. WARD RD
CAPRI DR
BALBOA DR
CATALINA DR
INVERNESS DR
MONTEREY DR
MORRO DR
TAHOE KEYS BLVD
KOKANEE WAY
EMERALD DR
LIDO DR
N. PINE DR
VENICE DR
WESTLY CT
CHRISTIE DR
LUCERNE WAY
COLORADO CT
MICHIGAN DR
TEXAS AVE
WHITNEY DR
LAUREN DR
AUDUBON DR
JEFFERIES ST
UTAH AVE
COLUMBIA AVE
ARIZONA AVE
ALTO AVE
WASHINGTON AVE
OREGON AVE
CALIFORNIA AVE
MT MEADOWS CT
ELAINE AVE
LINDA AVE
BRITTON AVE
HELEN AVE
WILSON CON AVE
JEAN AVE
15TH ST WAY
HARVARD AVE
ALBERT AVE
ROYAL AVE
PANAMA VISTA DR
ANITA DR
ELOISE AVE
JAMES AVE
ROGER AVE
TATA LN
JULIE LN
GARDNER ST
WENTWORTH LN
PANTHER LN
TAYLOR WAY
CLEMENT ST
12TH ST
13TH ST
14TH ST
15TH ST
16TH ST
17TH ST
HAZEL DR
TAHOE ISLAND DR
SOUTH SHORE DR
RAINBOW DR
SECRET HARBOR DR
LARKIN DR
PATRICIA LN
RUTH AVE
DUKE PL
0 0.225 0.45 0.9
Miles
Map displayed in State Plane Coordinate System
(NAD 1983 California Zone 2, feet)
State Highway
County Maintained Road
Non-County Maintained Road
River
Map Sheet Boundary
Lake
Urban Boundary
County Boundary
Map 9H35
YEAR 2015
N


See Map 9H35
See Map 10H41
See Map 09H
See Map 9H55
Fallen Leaf Lake
Detail 1
Detail 2
Detail 3
Detail 4
See Detail 1
See Detail 2
See Detail 3
See Detail 4
0 0.225 0.45 0.9
Miles
Map displayed in State Plane Coordinate System
(NAD 1983 California Zone 2, feet)
State Highway
2011gpsroads
Non-County Maintained Road
River
Lake
City Limits
Map Sheet Boundary
Urban Boundary
Map 9H45
YEAR 2015
N

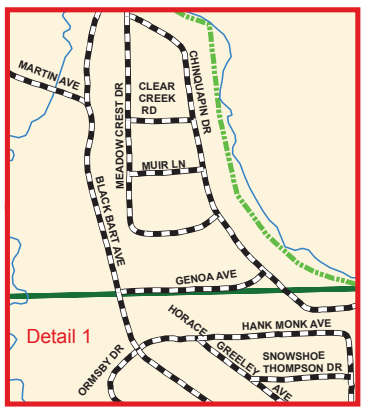

See Map 9H45
See Map 09H
See Map 10H
See Map 09J
AUDRAIN WAY
TAMARACK CT
ECHO LAKES RD
ECHO CIR
ECHO AVE
JOHNSON PASS RD
MEYERS RD
SOUTH UPPER TRUCKEE RD
RD2370
EGRET WAY
ELF LN
BLITZEN DR
SANTA CLAUS DR
REINDEER WAY
SLEIGH BELL LN
SAINT NICK WAY
SNOWFLAKE DR
PANORAMA CT
WOODCHUCK CT
ERMINE CT
WEST RIVER PARK DR
PORTAL DR
EAST RIVER PARK DR
MORTON DR
MEMORY LN (2105A)
MEMORY LN
GRASS LAKE RD
GRASS LAKE WAY
HAWLEY GRADE RD
SOUTH UPPER TRUCKEE RD
TAMARACK AVE
HEMLOCK AVE
PHILLIPS HEIGHTS AVE
ALPINE AVE
ALPEN CREEK RD
SIERRA PINES DR
MT RALSTON DR
TAMARACK PINES RD
SIERRA AT TAHOE RD
50
89
Elbert Lake
0 0.225 0.45 0.9
Miles
Map displayed in State Plane Coordinate System
(NAD 1983 California Zone 2, feet)
State Highway
County Maintained Road
Non-County Maintained Road
River
Map Sheet Boundary
Lake
Urban Boundary
County Boundary
Map 9H55
YEAR 2015
N

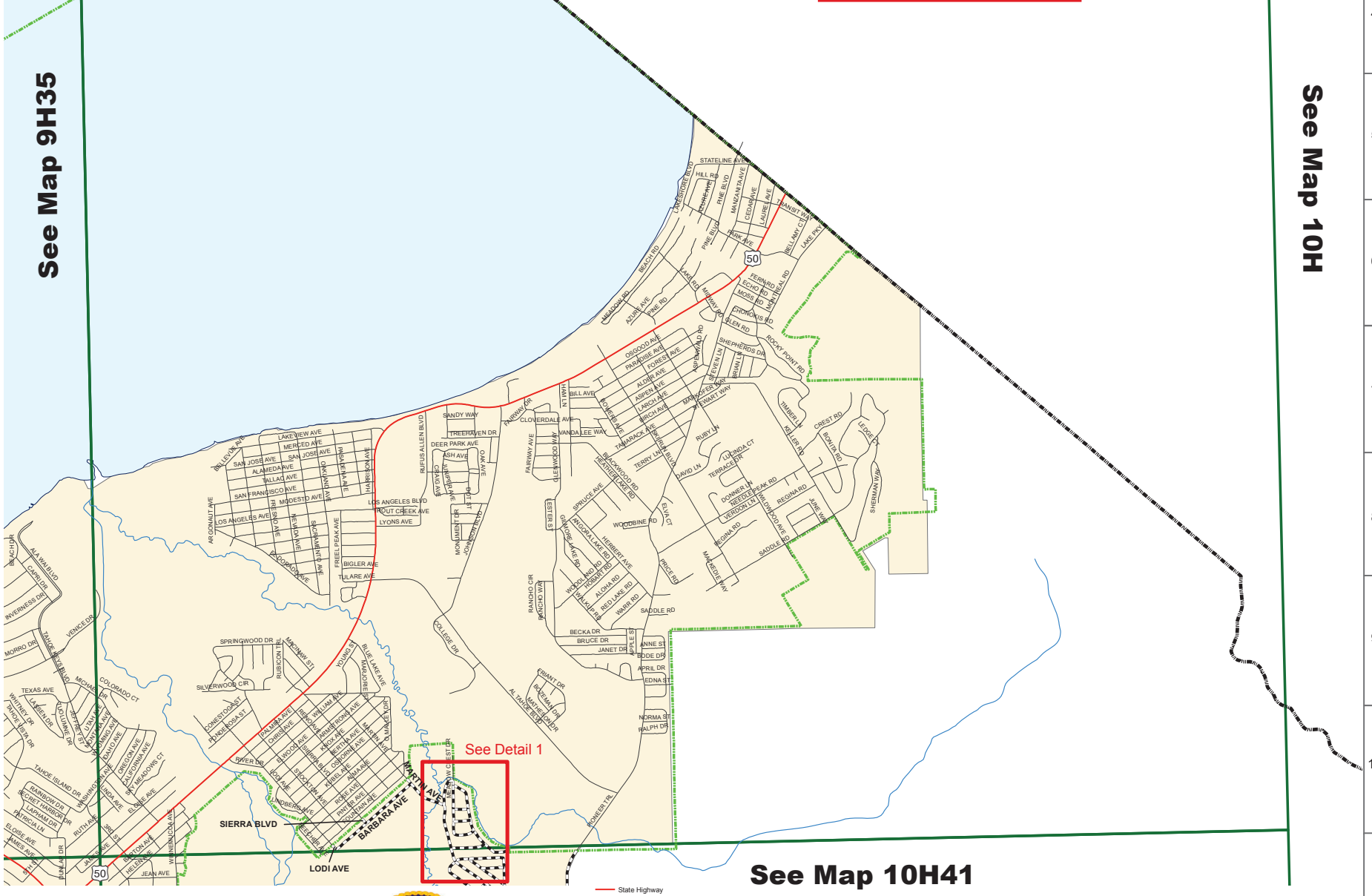

See Map 10G
See Map 09H
10H31
10H41
See Map 11H
See Map 10J
State Highway
County Maintained Road
Non-County Maintained Road
River
Lake
Map Sheet Boundary
Detail Map
Urban Boundary
County Boundary
0 0.75 1.5 2.25 3
Miles
Map displayed in State Plane Coordinate System
(NAD 1983 California Zone 2, feet)
EL DORADO COUNTY CALIFORNIA
Map 10H
YEAR 2015
N

See Map10H

See Map 9H35

See Map 10H





See Map 10H41

Map 10H31

YEAR 2015

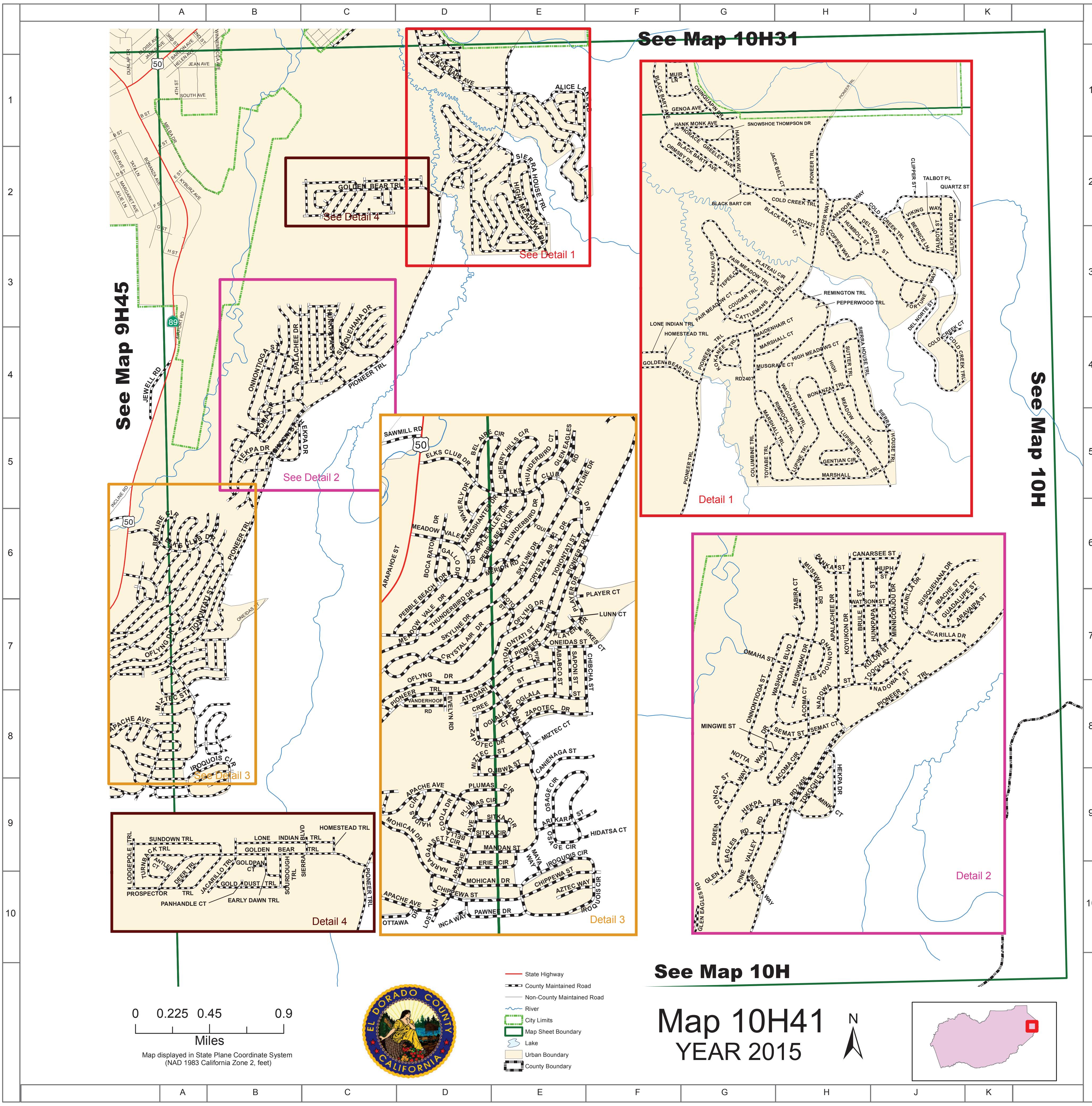
N

0 0.225 0.45 0.9

Miles

Map displayed in State Plane Coordinate System
(NAD 1983 California Zone 2, feet)

- State Highway
- County Maintained Road
- Non-County Maintained Road
- River
- City Limits
- Map Sheet Boundary
- Lake
- Urban Boundary
- County Boundary



See Map 10H31
See Map 9H45
See Map 10H
See Map 10H
Map 10H41
YEAR 2015
N
0 0.225 0.45 0.9
Miles
Map displayed in State Plane Coordinate System
(NAD 1983 California Zone 2, feet)
EL DORADO COUNTY CALIFORNIA
State Highway
County Maintained Road
Non-County Maintained Road
River
City Limits
Map Sheet Boundary
Lake
Urban Boundary
County Boundary
A
B
C
D
E
F
G
H
J
K
1
2
3
4
5
6
7
8
9
10
See Detail 1
See Detail 2
See Detail 3
See Detail 4
Detail 1
Detail 2
Detail 3
Detail 4
DUNLAP DR
ELOISE AVE
JAMES AVE
3RD ST
2ND ST
BARTON AVE
HELEN AVE
JEAN AVE
WINNEMUCCA AVE
4TH ST
SOUTH AVE
B ST
MELBA DR
C ST
DEDI AVE
D ST
TATA LN
BONANZA AVE
MARGARET AVE
JULIE LN
E ST
KYBURZ AVE
F ST
G ST
H ST
AIRPORT RD
JEWELL RD
INCLINE RD
GOLDEN BEAR TRL
BLACK BART AVE
ALICE LAKE RD
SIERRA HOUSE TRL
HIGH MEADOW TRL
ONNONTIOGA ST
APALACHEE DR
HUNKPAPA ST
SUSQUEHANA DR
PIONEER TRL
ACOMA CIR
HEKPA DR
TOKOCHI ST
BEL AIRE CIR
ELKS CLUB DR
TIONONTATI ST
OFLYNG DR
ONEIDAS ST
MIZTEC ST
APACHE AVE
IROQUOIS CIR
SAWMILL RD
ELKS CLUB DR
CHERRY HILLS CIR
THUNDERBIRD CT
GLEN EAGLES RD
CLUB
SKYLINE DR
WAVERLY DR
TAMOSHANTER DR
APPLE VALLEY DR
PEBBLE BEACH DR
THUNDERBIRD DR
MEADOW VALE DR
BOCA RATON DR
GALLO DR
MERION RD
ARAPAHOE ST
CRYSTAL AIR DR
YOQUI ST
TIONONTATI ST
PLAYER DR
PLAYER CT
LUNN CT
SIKES CT
ONEIDAS ST
ABABCO ST
SAPONI ST
CHIBCHA ST
PIPIL CT
TOTO ST
PIONEER TRL
VANDERHOOF RD
EVELYN RD
ATROARI ST
CREE
OGLALA CT
OGLALA ST
MANDAN ST
ZAPOTEC DR
MIZTEC CT
MIZTEC ST
OJIBWA ST
CANIENAGA ST
OSAGE CIR
ARIKARA ST
HIDATSA CT
PLUMAS CIR
HAIDAS CIR
COOLA DR
MOHICAN DR
BELLA
SITKA CIR
NARRAGANSETT CIR
APACHE AVE
ERIE CIR
MOHICAN DR
MAYA WAY
IROQUOIS CIR
CHIPPEWA ST
AZTEC WAY
OTTAWA DR
LOST LN
INCA WAY
PAWNEE DR
SUNDOWN TRL
LODGEPOLE TRL
TURNBACK TRL
ANTLER CT
DEER TRL
JACARILLO TRL
GOLDPAN CT
GOLD DUST TRL
PROSPECTOR TRL
PANHANDLE CT
EARLY DAWN TRL
LONE INDIAN TRL
BLVD
GOLDEN BEAR TRL
SOURDOUGH TRL
SIERRA
HOMESTEAD TRL
MUIR LN
BLACK BART AVE
CHINQUAPIN DR
GENOA AVE
HANK MONK AVE
SNOWSHOE THOMPSON DR
HORACE GREELEY AVE
ORMSBY DR
JACK BELL CT
PIONEER TRL
BLACK BART CIR
COLD CREEK TRL
BLACK BART CT
RD2421
COPPER WAY
AMADOR WAY
HUMBOLT ST
DEL NORTE ST
CLIPPER ST
TALBOT PL
QUARTZ ST
VIKING WAY
BERNICE LN
TALBOT ST
ALICE LAKE RD
PLATEAU CIR
FAIR MEADOW TRL
TEPEE CT
FAIR MEADOW CT
COUGAR TRL
CATTLEMANS TRL
REMINGTON TRL
PEPPERWOOD TRL
FORTUNE WAY
DEL NORTE ST
COLD CREEK CT
MAIDENHAIR CT
MARSHALL CT
HIGH MEADOWS CT
MUSGRAVE CT
KOKANEE TRL
RD2407
SIERRA HOUSE TRL
SUTTER TRL
HIGH MEADOW TRL
BONANZA TRL
WAGON TRAIN TRL
RIMROCK TRL
MARSHALL TRL
COLUMBINE TRL
TOIYABE TRL
LUPINE TRL
GENTIAN CIR
MARSHALL TRL
CANARSEE ST
PANKA ST
HUPH ST
MUSKWAKI DR
TABIRA CT
WATSON ST
BRULE ST
HUNKPAPA ST
MINNICONJOU DR
JICARILLA DR
SUSQUEHANA DR
IBACHE ST
GUADALUPE ST
ARAVAIPA ST
JICARILLA DR
OMAHA ST
WASHOAN BLVD
ONNONTIOGA ST
KOYUKON DR
KULOW ST
TOOCH ST
NADOWA ST
ACOMA CT
NADOWA
PIONEER TRL
MINGWE ST
SEMAT ST
SEMAT CT
NOTTA WAY
ACOMA CIR
PONCA ST
RD 2405
TOKOCHI ST
HEKPA DR
MINK CT
HEKPA DR
BOREN
EAGLES RD
VALLEY RD
GLEN
PINE
BUSCH WAY
GLEN EAGLES RD

Appendix C: El Dorado County Road System (County-Maintained Roads)

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2021
EL DORADO COUNTY
MAINTAINED ROAD DATA

ROAD NUMBER	ROAD NAME	FROM (NUMBER AND NAME)	TO (NUMBER AND NAME)	LENGTH MILES	MAP NUMBER	MAP COORDINATE
1724	2ND ST	1334 LARSEN DR	1727 D ST	0.210	8J14	C2
1726	3RD ST	1725 C ST	END	0.100	8J14	C2
2141	5 MILE RD	SH050	END	0.370	8J13	H2
1712	8 MILE RD	SH050	END	1.420	8J14	D2
2448	ABABCO ST	2446 OGLALA ST	2451 ONEIDAS ST	0.170	10H41	A8
2569	ABBOTSFORD PL	2554 CARNELIAN CIR	END	0.060	7J15	C4
543	ABBOTT RD	542 CLEMSON DR	569 CRANE WAY	0.190	7J15	K8
1945A	ABERDEEN CIR	1944 HEATHER CIR	END	0.050	9H45	G3
1945B	ABERDEEN CIR	1943 UPLANDS WAY	END	0.030	9H45	G3
1976	ABERDEEN LN	1973 LOCH WAY	1976 ABERDEEN LN	1.740	7J15	D6
575	ABRIJO RD	576 BOCANA RD (S)	576 BOCANA RD (N)	0.250	7J15	J1
232	ACADIA WAY	231 SHASTA CIR	214A PARK DR	0.050	7J25	C1
2431	ACOMA CIR	2426 WASHOAN BLVD	2433 SEMAT ST	0.490	10H41	B5
2430	ACOMA CT	2426 WASHOAN BLVD	END	0.070	10H41	B5
640	ADAM CT	641 WOEDEE DR	END	0.140	7J15	C9
613	ADELAIDE PL	607 WYNDHAM WAY	END	0.040	7J15	C8
2351	AERODROME WAY	50 SPANISH DRY DIGGINS RD	END	0.440	8H42	D1
1047	AGATE CT	1042 GOLD RIDGE TRL	END	0.060	8J15	D1
2047	AHOY CT	2060 MARINA VIEW DR	END	0.120	7J15	B4
131	AIRPORT RD	CITY OF PLACERVILLE	CITY OF PLACERVILLE	0.380	8J13	D4
527	ALABASTER DR	370 LA CRESCENTA DR	END	0.030	8J11	B6
549	ALANA CT	545 PLACITAS DR	END	0.040	7J25	K1
1080	ALBERT CIR	234 WARREN LN	234 WARREN LN	0.210	7J15	B8
631	ALBURN PL	630 WILLISTON WAY	END	0.070	7J15	D9
573	ALCADAR CT	576 BOCANA RD	END	0.040	7J15	J10
1701	ALDER DR	25 PONY EXPRESS TRL	END	0.400	8J14	G1
1532	ALDER ST	2356 ANTELOPE WAY	1531 FIRST AVE	0.570	9H24	G3
2164	ALENA WAY	2158 ZAPATA DR	2161 FRANCISCO DR	0.150	7J15	B3
2766	ALEXANDRA DR	2756 SOPHIA PKY (S)	2756 SOPHIA PKY (N)	0.790	7J14	K8
639	ALEXANDRITE DR	2 GREEN VALLEY RD	END	0.070	7J15	J7
2379	ALGONQUIN CT	2378 OAXACO ST	END	0.070	9H45	G10
362	ALHAMBRA CT	360 ALHAMBRA DR	END	0.070	8J11	B8
360	ALHAMBRA DR	359 MIRA LOMA DR	371 LA CANADA DR	0.970	8J11	B7
584	ALICE CT	570 BERTELLA DR	END	0.020	7J25	J1
2241	ALICE CT	2237 LINDBERG AVE	END	0.040	8J12	G6
2323	ALICE LAKE RD	2322 COLD CREEK TRL (SOUTH)	2322 COLD CREEK TRL (NORTH)	0.570	10H41	E1
189	ALLEGHENY RD	2 GREEN VALLEY RD	173 MALCOLM DIXON RD	0.120	7J15	C5
2618	ALLENDALE PL	2612 FAIRCHILD DR	END	0.040	7J15	C6
2671	ALMADEN CT	END	2651 TEA ROSE DR	0.080	7J15	J9
2694	ALMERIA DR	359 MIRA LOMA DR	END	0.030	8J11	C8
2694	ALMERIA DR	END	END	0.070	8J11	C8
1851	ALPINE AVE	SH050	1854 PHILLIPS HEIGHTS AVE	0.200	9H55	C2
886	ALTA RD	887 GRIFFITH RD	END	0.030	8J12	H9
1077	ALTA SIERRA WAY	1076 SANTA MARIA WY	1078 LAGO VISTA DR	0.100	7J25	B1
2654	ALYSSUM CIR	2653 MAGNOLIA HILLS	END	0.380	7J15	J9
2654	ALYSSUM CIR	END	2561 TEA ROSE DR	0.040	7J15	J9
2324	AMADOR WAY	2321 COPPER WAY	2322 COLD CREEK TRL	0.110	10H41	E1
1051	AMBER TRL	1042 GOLD RIDGE TRL	END	0.780	8J15	C1
2719	AMER CT	2718 AMER WAY	END	0.050	7J15	E6
2718	AMER WAY	1976A ABERDEEN LN	2720 CALAIS WAY	0.520	7J15	D6

ROAD NUMBER	ROAD NAME	FROM (NUMBER AND NAME)	TO (NUMBER AND NAME)	LENGTH MILES	MAP NUMBER	MAP COORDINATE
2557	AMHERST WAY	2561 CARLISLE CT	2554 CARNELIAN CIR	0.320	7J15	B3
113	ANDY WOLF RD	56 GREENWOOD RD	END	1.180	8H42	C7
2211	ANGORA CREEK DR	END	2204 LAKE TAHOE BLVD	0.020	9H45	F6
2211	ANGORA CREEK DR	2204 LAKE TAHOE BLVD	2210 VIEW CIR	0.520	9H45	F6
973	ANTARES DR	898 PATTERSON DR	976 CAPPELLA DR	0.050	8J12	H9
2356	ANTELOPE WAY	END	END	0.480	9H24	G3
580	ANTILLES DR	572 COVELLO CIR	583 ZIANA RD	0.150	7J25	J1
2514	ANTLER CT	2499 GOLDEN BEAR TRL	END	0.040	10H41	C2
2016	APACHE AVE	2252B EAST SAN BERNARDINO AVE	SH050	0.400	9H45	H10
2016	APACHE AVE	SH050	SH050	1.770	9H45	J10
2427	APALACHEE DR	2426 WASHOAN BLVD	END	0.600	10H41	B3
2218	APPALOOSA CT	2216 MORMAN ISLAND DR	END	0.150	7J15	A6
2585	APPIAN WAY	2347 SILVA VALLEY PKY	1976 ABERDEEN LN	0.880	7J15	C7
2201	APPLE VALLEY DR	2535 ELKS CLUB DR	2196 MEADDW VALE DR	0.240	9H45	K7
597	AQUAMARINE CIR	596 PERIDOT DR (SOUTH)	596 PERIDOT DR (NORTH)	0.390	7J15	J7
598	AQUAMARINE CT	597 AQUAMARINE CIR	END	0.050	7J15	K7
2104	ARAPAHOE ST	SH050	END/PVMT GATE	0.530	9H45	J7
2464	ARAVAIPA ST	2462 SUSQUEHANA DR	END	0.270	10H41	C5
2552	ARBOR PL	2551 CARDIFF CIR	END	0.060	7J15	C3
374	ARCADIA DR	370 LA CRESCENTA DR	END	0.070	8J11	B7
1109	ARCHES AVE	1108 PLATT CIR	END	0.340	7J25	C1
1109	ARCHES AVE	END	251 YOSEMITE LN	0.080	7J25	C1
307	ARCHWOOD RD	198 COUNTRY CLUB DR	309 WENTWORTH RD	0.440	8J21	B1
2665	ARDEER PL	2660 MANNING DR	END	0.030	7J15	B4
982	ARGO DR	980 SUNLIGHT DR	END	0.030	8J12	H9
890	ARGONAUT DR	898 PATTERSON DR	TULLIS MINE RD (PRIVATE)	0.190	8J12	H8
2776	ARGYLE CT	2771 DRUMMOND WAY	END	0.030	8J11	C8
2393	ARIKARA ST	2391 MANDAN ST	END	0.230	10H41	A10
2090	ARROWHEAD AVE	2252B EAST SAN BERNARDINO AVE	END	1.100	9H45	H10
230	ARROWHEAD CT	231 SHASTA CIR	END	0.070	7J25	C1
2255	ARROWHEAD CT	2090 ARROWHEAD AVE	END	0.030	9H45	H10
216	ARROWHEAD DR	217 SARATOGA WAY	231 SHASTA CIR	0.340	7J25	C2
974	ASCELLA DR	898 PATTERSON DR	END	0.130	8J12	H9
2544	ASHFORD PL	2543 STRATFORD CIR	END	0.090	7J15	B3
2701	ASHLAND CT	END	2700 ASHLAND DR	0.060	8J11	C9
2700	ASHLAND DR	2699 BRIDGEPORT DR	2702 AUBURN HILLS DR	0.160	8J11	C9
2562	ASTON PL	2557 AMHERST WAY	END	0.050	7J15	B3
2525	ATROARI ST	END	2448 ABABCO ST	0.380	9H45	K8
2702	AUBURN HILLS DR	135 MEDER RD	END	0.110	8J11	C8
2702	AUBURN HILLS DR	END	END	0.180	8J11	C8
2739	AUBURN WOODS CT	2699 BRIDGEPORT DR	END	0.050	8J11	C8
2004	AUDRAIN WAY	SH050	2005 TAMARACK CT	0.110	9H55	E2
2063	AUGUSTUS PL	2660 MANNING DR	END	0.050	7J15	B4
574	AVENTINE RD	576 BOCANA RD	554 CASTANA DR	0.080	7J25	J1
996	AZALEA CIR	999 SIERRA SPRINGS DR	999 SIERRA SPRINGS DR	0.180	8J14	J6
2156	AZTEC WAY	2153 IROQUOIS CIR	END	0.140	10H41	A10
1723	B ST	89 CARSON RD	END	0.090	8J14	C2
1899	B ST	1897 HARKNESS ST	END	0.190	8H42	G1
2360	BACCHI RD	SH049	SH049	0.960	8H51	G2
1988	BACHE PL	2627 FALKIRK WAY	END	0.040	7J15	C7

ROAD NUMBER	ROAD NAME	FROM (NUMBER AND NAME)	TO (NUMBER AND NAME)	LENGTH MILES	MAP NUMBER	MAP COORDINATE
1917	BACK ST	1910 HIGH ST	1914 BRIDGE ST	0.120	8H52	B4
2568	BAIRDSLEY PL	2554 CARNELIAN CIR	END	0.060	7J15	C3
148	BAKER RD	CITY OF PLACERVILLE	SH049 COLOMA RD	0.360	8J12	H2
2532	BAKERSFIELD CT	2250 BAKERSFIELD ST	END	0.030	9H45	H8
2250	BAKERSFIELD ST	2019 MODOC WAY	2534 COUNTRY CLUB DR	0.780	9H45	H10
65	BALDERSTON RD	63 WENTWORTH SPRINGS RD	63 WENTWRTH SPRINGS RD	2.840	08H	E6
1679	BALSAM DR	1696 LAUREL DR	END	0.130	8H55	B9
1933	BANCROFT DR	1932 VILLAGE CENTER DR	2567 KENSINGTON DR	0.280	7J15	C5
2052	BARBARA AVE	1335 LODI AVE	1325 MARTIN AVE	0.450	10H31	C10
1075	BARCELONA CT	1076 SANTA MARIA WAY	END	0.030	7J25	B1
1074	BARCELONA DR	255 WILSON BLVD	1075 BARCELONA CT	0.240	7J25	B1
1300	BARKLEY RD	1334 LARSEN DR	89 CARSON RD	1.060	8J14	B1
2614	BARNSTEAD PL	2612 FAIRCHILD DR	END	0.030	7J15	C6
238	BARTLETT CT	234 WARREN LN	END	0.080	7J15	C8
2676	BASIL CT	END	2675 SUMMER DR	0.070	7J15	J9
4	BASS LAKE RD	SH050	2 GREEN VALLEY RD	3.910	7J15	G1
23	BASSI RD	21 LOTUS RD	END	1.250	8H51	H4
1931	BATES CIR	1932 VILLAGE CENTER DR	1932 VILLAGE CENTER DR	0.450	7J15	C5
2353	BAUMHOFF RD	1600 MARGARET DR	END	0.100	09H	G9
2027	BAY VIEW CT	2029 BAY VIEW DR	END	0.080	9H24	H7
2029	BAY VIEW DR	2030 SWEETWATER DR	2032 LAKEVIEW DR	0.530	9H24	H6
55	BAYNE RD	SH193	75 MT MURPHY RD	4.700	8H52	B4
1067	BAYRIDGE LN	1026 MONTRIDGE WAY	1064 CRESTLINE CIR	0.120	7J25	B1
142	BEACH CT	SH049	END	0.210	8H51	J3
1487	BEACH LN	1415 VICTORIA DR	1491 SIERRA DR	0.120	9H24	H8
2663	BEACON HILL PL	2661 HALIFAX WAY	END	0.050	7J15	B4
126	BEALS RD	20 COLD SPRINGS RD	END	0.730	8J12	E1
2167	BEAR AVE	END	1548 PINE ST	0.380	9H24	G2
46	BEAR CREEK RD	8074 NO NAME	SH193	6.170	8H	E8
2763	BEASLEY DR	2765 GINA WAY	2764 TARAYA CT	0.120	7J25	J2
585	BEATTY CT	586 BEATTY DR	END	0.070	7J15	B10
586	BEATTY DR	END/BULB	VIA FIORI (PRVT RD)	0.290	7J15	B10
586	BEATTY DR	END/C&G	2766 ALEXANDRA DR	0.850	7J15	B9
2311	BEAVER BRAE DR	2596 EAST RIVER PARK DR	2371 PORTAL DR	0.330	9H55	H3
133	BEDFORD AVE	CITY OF PLACERVILLE	CITY OF PLACERVILLE	0.200	8J13	A1
1938	BEECHWOOD CT	1937 BEECHWOOD DR	END	0.070	7J15	C5
1937	BEECHWOOD DR	1933 BANCROFT DR	2580 DANBURY CIR	0.270	7J15	C4
985	BEGONIA DR	990 PENNYROYAL DR	999 SIERRA SPRINGS DR	0.540	8J14	J5
1915	BEKEART LN	1910 HIGH ST	END	0.030	8H52	B5
2199	BEL AIRE CIR	2535 ELKS CLUB DR	2535 ELKS CLUB DR	0.400	9H45	K6
2150	BELLA COOLA DR	2016 APACHE AVE	2016 APACHE AVE	0.200	9H45	K10
2178	BELLEVUE AVE	2173 MCKINNEY RD	PLACER COUNTY	0.180	9H24	F2
2621	BELLINGHAM PL	2612 FAIRCHILD DR	END	0.040	7J15	C6
2540	BELMONT WAY	2539 HAMPSHIRE PL	2541 SHEFFIELD DR	0.130	7J15	B3
507	BENTLEY DR	67 STARBUCK RD	370 LA CRESCENTA DR	0.310	8J11	A7
2365	BERNICE LN	2323 ALICE LAKE RD	2323 ALICE LAKE RD	0.300	10H41	E1
1978	BERRY CT	1979 BERRY RD	END	0.070	8J11	B10
1979	BERRY RD	306 CAMBRIDGE RD	END	0.030	8J11	B10
1979	BERRY RD	END	1980 HARVEY RD	0.190	8J11	B10
570	BERTELLA RD	561 EL NORTE RD	572 COVELLO CIR	0.300	7J25	J1

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2240	BETTY JEAN CT	2237 LINDBERG AVE	END	0.070	8J12	G7
14	BIG CANYON RD	13 FRENCH CREEK RD	END	1.790	8J21	J4
26	BIG CUT RD	77 PLEASANT VALLEY RD	CITY OF PLACERVILLE	2.530	8J13	A5
26	BIG CUT RD	URBAN LIMIT	CITY OF PLACERVILLE	0.570	8J13	A5
134	BIG OAK RD	31 OAK HILL RD	END	1.070	8J13	B10
249	BIG SUR CT	246 MESA VERDES DR	END	0.070	7J25	C1
581	BILBAO CT	545 PLACITAS DR	END	0.070	7J25	J1
1351	BLACK BART AVE	114 PIONEER TRL	2003 MEADOW CREST DR	0.950	10H41	D1
2352	BLACK BART CIR	1351 BLACK BART AVE(WEST)	1351 BLACK BART AVE (EAST)	0.100	10H41	D1
2420	BLACK BART CT	2352 BLACK BART CIR	END	0.270	10H41	D1
59	BLACK OAK MINE RD	76 MARSHALL RD	SH193	1.240	8H42	F7
907	BLACK ROCK LN	SH193	SH193	0.170	8H41	D3
1564	BLACKFOOT RD	1565 COMANCHE RD	1568 CELIO LN	0.150	9H45	J10
2797	BLACKSTONE PKWY	VALLEY VIEW PKWY(PRIVATE)	END	1.840	7J25	F6
122	BLAIR RD	25 PONY EXPRESS TRL	1680 FOREBAY RD	2.200	8H54	A10
130	BLANCHARD RD	132 FORNI RD	240 MOTHER LODE DR	0.870	8J12	F7
2249	BLITZEN RD	SH089	2453 POMO ST	1.710	9H45	H1
2531	BLUE JAY CIR	2250 BAKERSFIELD ST	2250 BAKERSFIELD ST	0.040	9H45	H8
1951	BLUE MOUNTAIN DR	100 GRIZZLY FLAT RD	END	1.150	08J	J4
2223	BLUE OAK CT	2220 LAKERDGE OAKS DR	END	0.070	7J14	A6
2128	BLUEBIRD DR	SH050	2130 SILVER FORK RD	0.050	09H	E10
2195	BOCA RATON DR	2263 PEBBLE BEACH DR	END	0.270	9H45	K7
576	BOCANA RD	572 COVELLO CIR	572 COVELLO CIR	0.400	7J15	J1
2100	BOLIVAR CT	2035 ENCINA DR	END	0.080	7J15	B3
2576	BOLLING PL	2563 PORTSMOUTH DR	END	0.030	7J15	C4
181	BOLSA CT	2039 LAKE HILLS DR	END	0.030	7J15	C2
1687	BONANZA ST	1684 SPRUCE AVE	25 PONY EXPRESS TRL	0.040	8H55	B9
2414	BONANZA TRL	2417 LUPINE TRL	2415 SUTTER TRL	0.110	10H41	E2
2038	BONITA CT	2036 BONITA DR	2038 BONITA CT	0.240	7J15	C3
2036	BONITA DR	2034 LOMA VERDE DR	END	0.320	7J15	C3
15	BONNETTI RD	13 FRENCH CREEK RD	END	0.940	8J21	G10
263	BOOTH CT	262 STANFORD LN	END	0.060	7J15	C9
2194	BOREN WAY	2193 GLEN EAGLES RD	2434 NOTTAWAY DR	0.420	10H41	B6
346	BORICA RD	206 SUDBURY RD	END	0.040	8J11	D10
2206	BOULDER MOUNTAIN CT	2204 LAKE TAHOE BLVD	END	0.110	9H45	G4
2205	BOULDER MOUNTAIN DR	2204 LAKE TAHOE BLVD	2331 FOREST MOUNTAIN DR	0.530	9H45	G4
2616	BRACKENWOOD PL	2612 FAIRCHILD DR	2612 FAIRCHILD DR	0.480	7J15	C6
153	BRADEN RD	150 MEYERS RD	END	1.400	8J14	D3
2582	BRADFORD PL	2581 TRENTON WAY	END	0.030	7J15	C4
635	BRADLEY DR	634 THROWITA WAY	SH049	0.170	8J12	J6
2768	BRAEMER DR	2771 DRUMMOND WAY	2754 CAROUSEL LN	0.210	8J11	D8
2625	BRAMHALL PL	2624 CHILTON PL	END	0.080	7J15	C7
115	BRANDON RD	17 SOUTH SHINGLE RD	15 BONNETI RD	2.120	8J21	E10
2599	BRANDT CT	2567 KENSINGTON DR	END	0.070	7J15	C5
388	BRANIFF CT	213 WOOD LN	END	0.090	8J11	C9
160	BRAUER RD	63 WENTWORTH SPRINGS RD	END	0.290	08H	E7
112	BREEDLOVE RD	63 WENTWORTH SPRINGS RD	BOTTLE HILL RD	2.420	08H	E6
1912	BREWERY ST	1917 BACK ST	SHWY49	0.040	8H52	B5
1914	BRIDGE ST	1917 BACK ST	SH049	0.040	8H52	B4
2699	BRIDGEPORT DR	END	END	0.050	8J11	C8

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2699	BRIDGEPORT DR	END	2702 AUBURN HILLS DR	0.390	8J11	C8
38	BRIDGEPORT SCHOOL RD	36 CEDAR CREEK RD	93 FARNHAM RIDGE RD	2.650	08J	F6
1465	BRIGHT CT	1464 ENTERPRISE DR	END	0.100	8J12	G7
2558	BRIGHTWATER CT	2554 CARNELIAN CIR	END	0.030	7J15	C3
605	BRISBANE CIR	272 ST ANDREWS DR	603 BUSSELTON WAY	0.930	7J15	C8
2713	BRITTANY PL	2709 BRITTANY WAY	END	0.120	7J15	B6
2709	BRITTANY WAY	1139 SUFFOLK WY	END/BARRICADE	0.690	7J15	B6
127	BROADWAY	CITY OF PLACERVILLE	84 NEWTOWN RD	0.590	8J13	E3
2183	BROKEN ANTLER DR	1951 BLUE MOUNTAIN DR	2179 WILDROSE DR	0.120	08J	J4
1000	BROKEN GATE RD	70 GOLD HILL RD	END	0.130	8H52	B9
2174	BROOK DR	2301 WOODLAND DR	END	0.250	9H24	H9
2059	BROOK MAR CT	2058 BROOK MAR DR	END	0.050	7J15	B5
2058	BROOK MAR DR	2057 VISTA MAR DR	END	0.430	7J15	B4
2058	BROOK MAR DR	END	END	0.020	7J15	B4
277	BROOKLINE CIR	273 TAM O SHANTER DR	273 TAM O SHANTER DR	0.230	7J15	C7
614	BROOME PL	607 WYNDHAM WAY	END	0.100	7J15	C8
416	BROWN DR	259 PATTERSON WAY	END	0.050	7J15	C10
416	BROWN DR	END	END	0.150	7J15	C10
2469	BRULE ST	2472 KULOW ST	2475 CARNARSEE ST	0.370	10H41	C3
2332	BRUSH RD	2205B BOULDER MOUNTAIN DR	END	0.090	9H45	G3
171	BUCKEYE RD	240 MOTHER LODE DR	240 MOTHERLODE DR	0.720	8J11	H10
880	BUCKS BAR CIR	99 BUCKS BAR RD	99 BUCKS BAR RD	0.280	08J	F3
99	BUCKS BAR RD	78 MT AUKUM RD	77 PLEASANT VALLEY RD	4.840	8J13	G9
903	BUCKTAIL LN	904 KOKANEE LN	END	0.380	8J15	B4
1121	BUENA VISTA DR	1120 ROSEBUD DR	1122 HILTON WAY	0.570	8J11	D10
1082	BUGLE CT	1081 DUNNINGS RD	END	0.040	8J11	G5
2656	BURBERRY WAY	2652 WATSONIA GLEN	2653 MAGNOLIA HILLS DR	0.090	7J15	J9
1031	BURNETT DR	271 GOVERNOR DR	256 RIDGEVIEW DR	0.120	7J15	C9
2548	BURTON PL	2547 NORWICH PL	END	0.040	7J15	C3
2191	BUSCH WAY	114 PIONEER TRL	2192 PINE VALLEY RD	0.090	10H41	B6
1088	BUSINESS DR	34I DUROCK RD	END	0.560	8J21	E2
610	BUSSELTON PL	609 DARWIN WAY	END	0.040	7J15	C7
603	BUSSELTON WAY	602 SPRINGBURN WAY	609 DARWIN WAY	0.210	7J15	C7
995	BUTTERCUP DR	994 POPPY RD	END	0.360	8J14	J6
1502	BUTTERMILK LANE	SH089	2028B MEEKS BAY AVE	0.020	9H24	H6
1725	C ST	89 CARSON RD	1726 THIRD ST	0.050	8J14	C2
352	CABALLERO CT	351 OXFORD RD	END	0.080	8J11	C9
121	CABLE RD	89 CARSON RD	END	8.180	8J14	D1
601	CAIRNS PL	272 ST ANDREWS DR	END	0.030	7J15	C8
2720	CALAIS WAY	2717 SOHAIR CT	END	0.180	7J15	D6
578	CALAND CT	554 CASTANA DR	END	0.030	7J25	J1
432	CALAVERAS DR	435 CAMPBELL RANCH DR	END	0.330	7J15	C5
118	CALDOR RD	100 GRIZZLY FLAT RD	END	3.280	08J	J4
2329	CALDWELL DR	1712 8 MILE RD	END	0.210	8J14	D2
280	CALGARY CT	279 STARMOUNT WAY	END	0.040	7J15	C7
391	CALIDO CT	306 CAMBRIDGE RD	END	0.110	8J11	A8
2668	CAMANCHE WAY	2651 TEA ROSE DR	END	0.030	7J15	J9
2668	CAMANCHE WAY	END	2653 MAGNOLIA HILLS DR	0.150	7J15	J9
989	CAMAS CT	990 PENNYROYAL DR	END	0.100	8J14	J6
2801	CAMBRIA WAY	2161 FRANCISCO DR	END	0.060	7J15	B6

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399	CAMBRIDGE CT	306 CAMBRIDGE RD	END	0.070	8J11	B9
306	CAMBRIDGE RD	HWY 50	2 GREEN VALLEY RD	3.360	7J15	K7
2550	CAMDEN PL	2541 SHEFFIELD DR	END	0.040	7J15	C3
2737	CAMELLIA CT	2675 SUMMER DR	END	0.140	7J15	J10
335	CAMEO DR	334 MERRYCHASE DR	315 KNOLLWOOD DR	0.140	8J21	A1
564	CAMERADO DR	359 MIRA LOMA DR	361 VIRADA DR	0.150	8J11	B8
200	CAMERON PARK DR	357 ROBIN LN	SH050	0.230	8J21	D1
200	CAMERON PARK DR	SH050	2 GREEN VALLEY RD	3.230	8J11	A7
547	CAMEROSA CIR	545 PLACITAS DR	545 PLACITAS DR	0.370	7J25	J1
1737	CAMINO CT	1734 CAMINO HEIGHTS DR	END	0.080	8J13	J2
1734	CAMINO HEIGHTS DR	SH050	1741 PINA AVE	0.650	8J13	J2
1744	CAMINO HILLS DR	1743 VISTA TIERRA DR	1745 VISTA DEL MUNDO	0.600	8J13	J2
144	CAMP SNOWLINE RD	25 PONY EXPRESS TRL	END	0.130	8J14	H1
435	CAMPBELL RANCH DR	2161 FRANCISCO DR	219 EL DORADO HILLS BLVD	0.160	7J15	C6
2475	CANARSEE ST	2470 KOYUKON DR	2467 MINNICONJOU DR	0.180	10H41	B3
632	CANBERRA PL	630 WILLISTON WAY	END	0.090	7J15	D8
2708	CANFIELD CIR	1020 CRAZY HORSE RD	2690 VOLTAIRE DR	0.240	7J25	J2
2392	CANIENAGA ST	2391 MANDAN ST	END	0.240	10H41	A10
380	CANOGA LN	382 VELD WAY	381 CULVER LN	0.080	8J11	D9
275	CANTERBURY CIR	273 TAM O SHANTER DR	273 TAM O SHANTER DR	0.320	7J15	C7
2222	CANYON OAK CT	2220 LAKERIDGE OAKS DR	END	0.040	7J14	K6
1700	CANYON RD	1706 CEDAR DR	1703 MADRONE DR	0.050	8J14	G1
1467	CAPITOL AVE	1464 ENTERPRISE DR	1461 MERCHANDISE WAY	0.200	8J12	G7
977	CAPPELLA CT	975 CENTAUR DR	END	0.060	8J12	H9
976	CAPPELLA DR	975 CENTAUR DR	973 ANTARES DR	0.630	8J12	H9
102	CAPPS CROSSING RD	124 SCIARONI RD	END CNTY MAINT/ED NATL FORST	1.990	08J	K3
2551	CARDIFF CIR	2541 SHEFFIELD DR	2541 SHEFFIELD DR	0.390	7J15	C3
2561	CARLISLE CT	2554 CARNELIAN CIR	END	0.100	7J15	C4
2554	CARNELIAN CIR	2541 SHEFFIELD DR	2541 SHEFFIELD DR	0.560	7J15	C3
2754	CAROUSEL LN	135 MEDER RD	END/BARRICADE	0.450	8J11	D8
558	CARRILLO CT	557 TERRAZA ST	END	0.050	7J25	J1
2791	CARSON CROSSING DR	34 WHITE ROCK RD	END	0.070	7J25	C4
222	CARSON CT	89 CARSON RD	END	0.180	8J13	K2
89	CARSON RD	CITY OF PLACERVILLE	1712 8 MILE RD	6.840	8J13	C1
54	CARVERS RD	75 MT MURPHY RD	END	0.460	8H52	B4
2085	CARY DR	2084 ROLLINGWOOD DR	2084 ROLLINGWOOD DR	0.130	08J	J4
645	CASA LARGO WAY	643 GAILEY CIR	334 MERRYCHASE DR	0.030	7J25	J2
1735	CASCADE CT	1734 CAMINO HGTS DR	END	0.070	8J13	J2
895	CASH BOY RD	896 CRUSADER DR	END	0.120	8J12	H8
554	CASTANA DR	198 COUNTRY CLUB DR	END	0.640	7J15	J1
2261	CASTEC WAY	2039 LAKEHILLS DR	END	0.040	7J15	C3
1155	CASTLE CRAIGS CT	247 MUIR WOODS DR	END	0.100	7J15	C1
211	CASTLEBROOK RD	209 EL DORADO ROYALE	207 FAIRWAY DR	0.310	8J11	C10
1994	CASTLEWOOD CIR	1992 RIDGEWAY DR	1992 RIDGEWAY DR	0.430	8H55	C10
563	CATAWBA DR	359 MIRA LOMA DR	END	0.060	8J11	C7
563	CATAWBA DR	END	647 RIBIER WAY	0.210	8J11	C7
2487	CATTLEMANS TRL	2488 COUGAR TRL	END	0.410	10H41	D1
74	CAVE VALLEY RD	SH049	END	0.150	7H45	H6
289	CAYENTE WAY	END	END	0.150	8J11	C9
289A	CAYENTE WAY	135 MEDER RD	289 CAYENTE WAY	0.040	8J11	C9

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2320	CAYUGA CIR	159 NORTH UPPER TRUCKEE RD	159 NORTH UPPER TRUCKEE	0.570	9H45	F7
2272	CAYUGA CT	159 NORTH UPPER TRUCKEE RD	END	0.030	9H45	G7
916	CAYUGA RD	185 LOCH LEVEN DR	END	0.030	8J15	C4
2273	CAYUGA ST	159 NORTH UPPER TRUCKEE RD	2270 ZUNI ST	0.310	9H45	G7
2457	CEBO CIR	2456 KEETAK ST	2456 KEETAK ST	0.090	9H45	H10
36	CEDAR CREEK RD	78 MT AUKUM RD	END	2.900	08J	F5
1706	CEDAR DR	48 MACE RD	1705 FERN AVE	0.530	8J14	F1
1706	CEDAR DR	1705 FERN AVE	1701 ALDER DR	0.240	8J14	G1
86	CEDAR RAVINE RD	77 PLEASANT VALLEY RD	CITY OF PLACERVILLE	3.710	8J13	D4
86	CEDAR RAVINE RD	CITY OF PLACERVILLE	CITY OF PLACERVILLE	0.820	8J13	B4
2404	CEDAR RIDGE DR	2025 SWEETWATER CT	203Z LAKEVIEW DR	0.220	9H24	H6
1603	CEDAR ST	SH050	1600 MARGARET DR	0.050	09H	G9
301	CEDARHURST CT	300 HILLSBOROUGH RD	END	0.080	8J21	B1
96	CEDARVILLE RD	35 OMO RANCH RD	END	0.720	08J	G5
1568	CELIO LN	2016 APACHE AVE	END	0.270	9H45	J10
1860	CEMETERY ST	1863 CHURCH ST	SH049	0.050	8J12	F9
975	CENTAUR DR	898 PATTERSON DR	976 CAPPELLA DR	0.110	8J12	H9
2070	CENTER VIEW CT	2069 CENTER VIEW DR	END	0.040	8H55	C9
2069	CENTER VIEW DR	25 PONY EXPESS TRL	END	0.220	8H55	C9
385	CESSNA DR	207 FAIRWAY DR	213 WOOD LN	0.410	8J11	B9
1098	CHANTRELLE CT	1097 FIELDSTONE DR	END	0.100	8J12	D4
2732	CHARITO LN	394 WILKINSON RD	END	0.220	8J11	A10
2639	CHARTER WAY	2347 SILVA VALLEY PKY	2626 KESWICK DR	0.080	7J15	C7
375	CHASEN DR	381 CULVER LN	END	0.560	8J11	C9
375	CHASEN DR	END	135 MEDER RD	0.330	8J11	C9
308	CHELSEA RD	306 CAMBRIDGE RD	315 KNOLLWOOD DR	0.850	7J15	K1
2093	CHEROKEE ST	2089 TOMAHAWK LN	2090 ARROWHEAD AVE	0.130	9H45	J10
71	CHERRY ACRES RD	SH193	END	1.750	8H41	A4
2200	CHERRY HILLS CIR	2535 ELKS CLUB DR	2535 ELKS CLUB DR	0.490	10H41	A6
2723	CHESHAM ST	2714 FOXMORE LN	2721 MAYFIELD DR	0.170	7J15	J7
2119	CHEYENNE DR	2120 MULBERRY DR	2016 APACHE AVE	0.250	9H45	H10
2397	CHIAPA DR	SH050	END	0.730	9H45	G9
2450	CHIBCHA ST	2444 ZAPOTEC CIR	2451 ONEIDAS ST	0.240	10H41	B8
2383	CHILICOTHE ST	2381 CHOLULA ST	END	0.210	9H45	G10
2624	CHILTON PL	2625 BRAMHALL PL	END	0.090	7J15	C7
2115	CHIMNEY WAY	2016 APACHE AVE	END	0.070	9H45	J10
1018	CHINA GARDEN CT	1017 CHINA GARDEN RD	END	0.080	8J12	H6
1017	CHINA GARDEN RD	SH049	9 MISSOURI FLAT RD	0.600	8J12	H6
109	CHINA HILL RD	SH049	END	2.290	08J	C3
2358	CHINKAPIN RD	2356 ANTELOPE WAY	END	0.340	9H24	G3
2002	CHINQUAPIN DR	2003 MEADOW CREST DR	END	0.440	10H31	D1
2154	CHIPPEWA ST	2155 MOHICAN DR	2153 IROQUOIS CIR	0.610	9H45	K10
2154	CHIPPEWA ST	2153 IROQUOIS CIR	END	0.040	10H41	A8
2102	CHOCTAW ST	2254 SAN DIEGO ST	2103 UTE ST	0.200	9H45	J8
2381	CHOLULA ST	2252A WEST SAN BERNARDINO AVE	END	0.190	9H45	G10
571	CHRISTA CT	572 COVELLO CIR	END	0.080	7J25	J1
110	CHURCH MINE RD	11 UNION MINE RD	END	1.100	08J	D3
1863	CHURCH ST	END	77 PLEASANT VALLEY RD	0.170	8J12	F9
1881	CHURCH ST	SH193	1901 SCHOOL ST	0.320	8H42	F2
1911	CHURCH ST	1910 HIGH ST	SH049	0.160	8H52	B5

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546	CIELLO CT	545 PLACITAS DR	END	0.040	7J25	K1
526	CIMMARRON CT	525 CIMMARRON RD	END	0.060	8J11	A7
525	CIMMARRON RD	306 CAMBRIDGE RD	371 LA CANADA DR	0.390	7J15	K7
2673	CINNAMON TEAL WAY	2675 SUMMER DR	2674 PRAIRIE FALCON DR	0.400	7J15	J9
534	CINSANT DR	533 PERLETT DR	END	0.130	8J11	B8
162	CIRCLE DR	SH193	SH193	0.270	8H41	G1
2454	CIRUGU ST	2453 POMO ST (WEST)	2453 POMO ST (EAST)	0.240	9H45	H9
1894	CLARK ST	SH193	1891 PLACER ST	0.080	8H42	F2
2804	CLARKSVILLE CROSSING	34 WHITE ROCK RD	2347 SILVA VALLEY PKY	0.570	7J25	E2
2770	CLAYMORE CT	2768 BRAEMER DR	END	0.080	8J11	D8
81	CLEAR CREEK RD	90 SLY PARK RD	999 SIERRA SPRINGS DR	1.890	8J14	F8
1998	CLEAR CREEK RD	2003 MEADOW CREST DR	2002 CHINQUAPIN DR	0.090	10H31	D10
1466	CLEAR CT	1464 ENTERPRISE DR	END	0.110	8J12	G7
2208	CLEAR VIEW DR	2204 LAKE TAHOE BLVD	2348 MOUNTAIN TROUT DR	0.380	9H45	G5
542	CLEMSON DR	529 HILLCREST DR	544 WOODLEIGH DR	0.300	7J15	J8
626	CLERMONT WAY	605 BRISBANE CIR	1103 HARVARD WAY	0.230	7J15	D8
2306	CLIFF RD	2294 MT RAINIER DR	END	0.030	9H45	F6
379	CLINTON WAY	END	378 RABEN WAY	0.180	8J11	D9
379	CLINTON WAY	375 CHASEN DR	END	0.030	8J11	D9
2413	CLIPPER ST	2323 ALICE LAKE RD	END	0.030	10H41	E1
2798	CLUBVIEW DR	18 LATROBE RD	2797 BLACKSTONE PARKWAY	0.120	7J25	E5
355	COACH LN	354 RODEO RD	END	0.460	8J21	C2
2281	COCHISE CIR	159 NORTH UPPER TRUCKEE	159 NORTH UPPER TRUCKEE	0.430	9H45	F7
2339	COLD CREEK CT	2322 COLD CREEK TRL	END	0.070	10H41	E2
2322	COLD CREEK TRL	114 PIONEER TRL	2326 DEL NORTE ST	1.020	10H41	E1
2322A	COLD CREEK TRL	END	114 PIONEER TRL	0.040	10H41	D1
20	COLD SPRINGS RD	CITY OF PLACERVILLE	CITY OF PLACERVILLE	0.150	8J12	G2
20	COLD SPRINGS RD	CITY OF PLACERVILLE	SH153	6.880	8J12	D1
2731	COLINA CT	END	319 WOODLEIGH LN	0.120	8J11	A10
2483	COLUMBINE TRL	2416 MARSHALL TRL	END	0.290	10H41	D2
993	COLUMBINE WAY	999 SIERRA SPRINGS DR	END	0.260	8J15	A5
2459	COLUSA ST	2249 BLITZEN RD	2249 BLITZEN RD	0.160	9H45	H10
1565	COMANCHE RD	1568 CELIO LN	2016 APACHE AVE	0.080	9H45	J10
1468	COMMERCE WAY	146 ENTERPRISE DR	SH049	0.290	8J12	G7
1094	COMMODITY WAY	1095 DIVIDEND DR	END	0.050	8J21	E3
2710	CONCORDIA DR	2711 MONTE VERDE DR(SOUTH)	2711 MONTE VERDE DR(NORTH)	0.610	7J25	D3
2333	CONE RD	2205B BOULDER MOUNTAIN RD	END	0.060	9H45	G5
2775	CONNERY DR	2754 CAROUSEL LN	END/BARRICADE	0.260	8J11	D8
73	COON HOLLOW RD	CITY OF PLACERVILLE	CITY OF PLACERVILLE	0.870	8J12	J4
73	COON HOLLOW RD	CITY OF PLACERVILLE	CITY OF PLACERVILLE	0.100	8J12	K5
73	COON HOLLOW RD	CITY OF PLACERVILLE	26 BIG CUT RD	0.720	8J12	A5
2816	COPPER LANTERN CT	SALT WASH WY	END	0.040	7J15	K3
2321	COPPER WAY	2326 DEL NORTE ST	2322 COLD CREEK TRL	0.340	10H41	E1
2655	CORAL BELLS DR	2653 MAGNOLIA HILLS	2654 ALYSSUM CIR	0.080	7J15	J9
2088	CORALAINE CT	2087 CORALAINE DR	END	0.040	08J	J3
2087	CORALAINE DR	2084 ROLLINGWOOD DR	END	0.170	08J	J3
369	CORNADA CT	368 LAS TUNAS WAY	END	0.130	8J11	B7
2121	CORNELIAN DR	SH089	2120 MULBERRY DR	0.220	9H45	H9
2799	CORNERSTONE DR	2797 BLACKSTONE PARKWAY	END	0.140	7J25	E5
2162	CORTEZ CT	2163 PLANETA WAY	END	0.050	7J15	B3

ROAD NUMBER	ROAD NAME	FROM (NUMBER AND NAME)	TO (NUMBER AND NAME)	LENGTH MILES	MAP NUMBER	MAP COORDINATE
877	COSUMNES MINE RD	879 STRING CANYON RD	80 HAPPY VALLEY RD	6.200	08J	J4
95	COTHRIN RANCH RD	18 LATROBE RD	END	0.130	7J25	H8
2523	COTO ST	2519 OFLYING DR	2521 SKYLINE DR	0.140	10H41	A7
2488	COUGAR TRL	2485 FAIR MEADOW TRL	END	0.200	10H41	D2
198	COUNTRY CLUB DR	4 BASS LAKE RD	200 CAMERON PARK DR	3.630	7J25	G2
2534	COUNTRY CLUB DR	2250 BAKERSFIELD ST	SH050	0.420	9H45	H8
2026	COVE WAY	2030 SWEETWATER DR	2227 LAKERIDGE DR	0.050	9H24	H7
572	COVELLO CIR	END	END	0.830	7J15	H10
1685	COX ST	25 PONY EXPRESS TRL	1684 SPRUCE AVE	0.050	8H55	B9
2212	COYOTE RIDGE CIR	2204 LAKE TAHOE BLVD	2204 LAKE TAHOE BLVD	0.420	9H45	G5
2819	CRADLE MOUNTAIN CT	WHISKEY DRIFT DR	END	0.080	7J15	K3
2742	CRAGMONT CT	319 WOODLEIGH LN	END	0.110	7J15	K8
2741	CRANBROOK CT	319 WOODLEIGH LN	END	0.060	7J15	K9
569	CRANE WAY	319 WOODLEIGH LN	END	0.200	7J15	J8
615	CRAYDON PL	605 BRISBANE CIR	END	0.070	7J15	C8
2761	CRAZY HORSE CT	1020 CRAZY HORSE RD	END	0.160	7J25	J2
1020	CRAZY HORSE RD	1019 FLYING C RD	END	0.310	7J25	J2
1020	CRAZY HORSE RD	END	2765 GINA WAY	0.550	7J25	J2
2447	CREE ST	END	2448 ABABCO ST	0.330	9H45	K8
1919	CREEKSIDE DR	1918 MT PLEASANT DR	1918 MT PLEASANT DR	0.790	08J	J3
2168	CREST DR	2174 BROOK DR	END	0.310	9H24	H9
2055	CREST MAR CIR	2054 WOOD MAR DR	2054 WOOD MAR DR	0.270	7J15	B4
2056	CREST MAR CT	2055 CREST MAR CIR	END	0.070	7J15	B4
2262	CRESTA CT	2039 LAKEHILLS DR	END	0.060	7J15	C3
1064	CRESTLINE CIR	1026 MONTRIDGE WAY	1026 MONTRIDGE WY	0.340	7J25	B1
1066	CRESTLINE CT	1064 CRESTLINE CIR	END	0.120	7J25	B1
2044	CRESTVIEW CT	2043 SUNNYVIEW DR	END	0.040	9H24	H5
2009	CRESTVIEW DR	30 FOWLER LN	END	0.470	8J12	J8
2555	CROMWELL CT	2039 LAKEHILLS DR	END	0.140	7J15	C3
1459	CROSSBILL LN	1458 KOKI LN	END	0.230	8J12	F9
2017	CROW ST	2024 HOPI AVE	END	0.150	9H45	H10
292	CROWN DR	219 EL DORADO HILLS BLVD	END	0.280	7J15	B6
888	CROWN POINT DR	893 JUSTINE AVE	END	0.270	8J12	H9
2784	CROYDEN CT	END/BULB	2725 LAMBETH DR	0.060	7J15	J7
896	CRUSADER RD	898 PATTERSON DR	893 JUSTINE AVE	0.170	8J12	H8
2520	CRYSTAL AIR DR	2196 MEADOW VALE DR	2521 SKYLINE DR	0.320	9H45	J8
2520	CRYSTAL AIR DR	2521 SKYLINE DR	2535 ELKS CLUB DR	0.800	9H45	K8
196	CRYSTAL BLVD	SH049	END	0.210	08J	D4
894	CRYSTAL DR	895 CASH BOY RD	125 TULLIS MINE RD	0.200	8J12	H8
1332	CRYSTAL SPRINGS RD	25 PONY EXPRESS TRL	48 MACE RD	1.130	8J14	E1
235	CUL DE SAC A	234 WARREN LN	END	0.070	7J15	C8
291	CUL DE SAC A	273 TAM O SHANTER DR	END	0.040	7J15	C7
236	CUL DE SAC B	234 WARREN LN	END	0.070	7J15	C8
237	CUL DE SAC C	234 WARREN LN	END	0.060	7J15	C8
287	CUL DE SAC C	286 RIVIERA CIR	END	0.030	7J15	C7
285	CUL DE SAC D	281 WILLOWDALE DR	END	0.030	7J15	C7
381	CULVER LN	379 CLINTON WAY	END	0.210	8J11	C9
1130	CYPRESS POINT CT	1124 GOLDEN FOOTHILL PKY	END	0.110	7J25	D5
2075	CYPRESS POINT DR	2074 SOUTH VIEW DR	102 CAPPS CROSSING RD	0.160	08J	K3
1038	CYPRINE CT	256 RIDGEVIEW DR	END	0.030	7J15	C9

ROAD NUMBER	ROAD NAME	FROM (NUMBER AND NAME)	TO (NUMBER AND NAME)	LENGTH MILES	MAP NUMBER	MAP COORDINATE
1727	D ST	1724 SECOND ST	89 CARSON RD	0.030	8J14	D2
2774	DAISY CIR	985 BEGONIA DR	2774 DAISY CIR	0.330	8J14	J5
984	DAISY DR	985 BEGONIA DR	2774 DAISY CIR	0.230	8J14	J5
2580	DANBURY CIR	2567 KENSINGTON DR	2584 REGENCY CT	0.350	7J15	C4
552	DARIUS CT	547 CAMEROSA CIR	END	0.030	7J25	K1
611	DARWIN PL	609 DARWIN WAY	END	0.040	7J15	C7
609	DARWIN WAY	603 BUSSELTON WAY	2347 SILVA VALLEY PKY	0.150	7J15	C7
10	DAVIDSON RD	7 GREENSTONE RD	240 MOTHER LODE DR	1.290	8J12	B8
1864	DAY BREAK WAY	SH049	END	0.030	8J12	F9
2328	DE LISI WAY	2300 GLEN DR	END	0.030	9H24	H9
205	DE SABLA CT	204 DE SABLA RD	END	0.020	8J21	C1
204	DE SABLA RD	198 COUNTRY CLUB DR	203 HACIENDA RD	0.550	8J21	C1
612	DEAKIN PL	609 DARWIN WAY	END	0.060	7J15	C7
137	DECENTE CT	561 EL NORTE RD	END	0.050	7J25	J1
1686	DEEP HAVEN RD	1680 FOREBAY RD	END	0.040	8H55	C8
2172	DEER AVE	1548 PINE ST	END	0.240	9H24	G2
518	DEER TRAIL LN	516 GATEWAY RD	516 GATEWAY RD	0.400	7J15	K7
2510	DEER TRL	2509 PROSPECTOR TRL	2499 GOLDEN BEAR TRL	0.170	10H41	C2
66	DEER VALLEY RD	2 GREEN VALLEY RD (W)	2 GREEN VALLEY RD (E)	7.170	7J15	G6
1961	DEERTRACK CT	1902 DEERWOOD DR	END	0.060	08J	K3
1960	DEERWOOD CT	1902 DEERWOOD DR	END	0.030	08J	K3
1902	DEERWOOD DR	102 CAPPS CROSSING RD	1904 WINDING WAY	0.580	08J	K3
439	DEL GRANDE CT	427 DOWNIEVILLE DR	END	0.030	7J15	C6
1072	DEL MONTE CT	1026 MONTRIDGE WAY	END	0.030	7J25	C2
2326	DEL NORTE ST	2324 AMADOR WAY	END	0.930	10H41	E1
555	DELAMERE CT	554 CASTANA DR	END	0.040	7J25	J1
2278	DELAWARE ST	159 NORTH UPPER TRUCKEE	2284 KIOWA DR	0.600	9H45	G8
551	DELPHINA CT	545 PLACITAS DR	END	0.080	7J25	J1
1949	DEVERON WAY	1947 DUNDEE CIR	1947 DUNDEE CIR	0.190	9H45	G2
2650	DIAMANTE ROBLES CT	30 FOWLER LN	END	0.180	8J12	J8
1055	DIAMOND CT	1053 GARNET RD	END	0.070	8J15	E1
1056	DIAMOND DR	1053 GARNET RD	90 SLY PARK RD	0.460	8J15	D1
2234	DIAMOND MEADOWS WAY	SH049	END	0.080	8J12	J7
1810	DIANA ST	END	CITY OF PLACERVILLE	0.190	8J12	H1
1810	DIANA ST	CITY OF PLACERVILLE	SH049	0.220	8J12	H1
1006	DISCOVERY LN	SH049	END	0.120	8H52	F9
1095	DIVIDEND DR	END	END	0.250	8J21	E3
2350	DIVOT CT	2534 COUNTRY CLUB DR	END	0.040	9H45	J8
2345	DIXIE MOUNTAIN DR	159 NORTH UPPER TRUCKEE RD	2210 VIEW CIR	0.330	9H45	G6
2752	DIZMAR CT	2694 ALMERIA DR	END	0.060	8J11	C8
519	DOE CT	518 DEER TRAIL LN	END	0.040	7J15	K8
915	DOE VIEW PL	90 SLY PARK RD	END	0.140	8J15	C5
909	DOLLY VARDEN LN	END	END	0.460	8J15	B4
2778	DONELL CT	2771 DRUMMOND WAY	END	0.050	8J11	D8
2546	DONOHUE PL	2541 SHEFFIELD DR	END	0.050	7J15	B3
264	DOWNE CT	262 STANFORD LN	END	0.040	7J15	C9
437	DOWNIEVILLE CT	427 DOWNIEVILLE DR	END	0.050	7J15	C6
427	DOWNIEVILLE DR	219 EL DORADO HILLS BLVD	423 EMBARCADERO DR	0.310	7J15	C5
2048	DRIFTWOOD CIR	2060 MARINA VIEW DR	2050 OUTRIGGER DR	0.410	7J15	A4
2771	DRUMMOND WAY	2754 CAROUSEL LN	END	0.220	8J11	C8

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2796	DUBASARY LN	2364 OUTER LIMITS LN	END	0.250	8H55	H9
2096	DUDLEY DR	507 BENTLEY DR	510 ROYCE DR	0.240	8J11	B6
2319	DUFFY RD	2010 NORTH CIRCLE DR	END	0.130	8J12	J8
508	DUNBAR RD	67 STARBUCK RD	511 HASTINGS DR	0.130	8J11	A6
1947	DUNDEE CIR	2203 TAHOE MOUNTIAN RD	1946 GLENMORE WAY	0.140	9H45	G2
1947	DUNDEE CIR	1946 GLENMORE WAY	1947 DUNDEE CIR	0.370	9H45	G2
1081	DUNNINGS RD	2 GREEN VALLEY RD	END	0.240	8J11	G5
2564	DURHAM PL	2563 PORTSMOUTH DR	END	0.060	7J15	C4
165	DUROCK RD	357 ROBIN LN	17 SOUTH SHINGLE RD	2.030	8J21	D2
515	EAGLE LN	513 SANDPIPER WAY (S)	513 SANDPIPER WAY (N)	0.200	7J15	J7
2213	EAGLE LN	2212 COYOTE RIDGE CIR	2204 LAKE TAHOE BLVD	0.160	9H45	G5
208	EAGLE VIEW DR	207 FAIRWAY DR	209 EL DORADO ROYALE	0.240	8J11	C10
2504	EARLY DAWN TRL	2503 SOURDOUGH TRL	2499 GOLDEN BEAR TRL	0.140	10H41	C2
2269	EAST CT	2268 MOUNTAIN CANARY DR	END	0.040	9H45	H5
143	EAST RD	2237 LINDBERG AVE	END	0.140	8J12	F6
2596	EAST RIVER PARK DR	2309 PANORAMA DR	169 SOUTH UPPER TRUCKEE	0.330	9H55	H3
2252B	EAST SAN BERNARDINO AVE	END (WEST OF BAKERSFIELD)	2534 COUNTRY CLUB DR	0.690	9H45	H7
1015	ECHO LN	8 EL DORADO RD	END	0.670	8J12	D6
2267	ECHO VIEW DR	2202 SAWMILL RD	8202 NO NAME	0.280	9H45	H5
1903	EDGEWOOD CIR	102 CAPPS CROSSING RD	1902 DEERWOOD DR	0.260	08J	K3
2573	EDINGTON PL	2571 RALEIGH WAY	END	0.070	7J15	C4
2369	EGRET WAY	169 SOUTH UPPER TRUCKEE	END	0.350	9H55	H1
1541	EIGHTH AVE	1548 PINE ST	END	0.740	9H24	G2
1694	EL CAMINO DR	190 SHERMAN WAY	END	0.350	8H55	B8
219	EL DORADO HILLS BLVD	SH050	2 GREEN VALLEY RD	4.200	7J15	C1
8	EL DORADO RD	77 PLEASANT VALLEY RD	2 GREEN VALLEY RD	3.390	8J12	E4
209	EL DORADO ROYALE DR	200 CAMERON PARK DR	END	0.190	8J11	C10
1840	EL DORADO ST	11 UNION MINE RD	SH049	0.400	8J12	F9
201	EL ENCANTO RD	204 DE SABLA RD	199 LOS SANTOS DR	0.050	8J21	C1
559	EL MESITA CT	556 MONTERO RD	END	0.040	7J25	J1
178	EL NIDO CT	2039 LAKE HILLS DR	END	0.050	7J15	C2
561	EL NORTE RD	198 COUNTRY CLUB DR	556 MONTERO RD	0.270	7J25	J1
2257	EL SUR CT	2159 GUADALUPE DR	END	0.050	7J15	B2
393	EL TEJON RD	392 ESTEPA DR	394 WILKINSON RD	0.180	8J11	A9
2495	ELATI ST	2493 NAHANE DR	2494 HENDERSON ST	0.120	9H45	H10
441	ELBE CT	431 TIMBRLINE RIDGE DR	END	0.030	7J15	C6
1739	ELDER CT	1738 VERDE ROBLES DR	END	0.060	8J13	J3
2139	ELF LN	SH089	END	0.160	9H55	H2
1118	ELF WOOD LN	1119 MINESHAFT LN	135 MEDER RD	0.150	8J11	F10
2266	ELK POINT DR	2207 MULE DEER CIR	END	0.270	9H45	F5
2535	ELKS CLUB DR	114 PIONEER TRL	SH050	0.810	9H45	K7
2705	ELLENWOOD LN	8 EL DORADO RD	END	0.250	8J12	E5
2572	ELLESWORTH PL	2571 RALEIGH WAY	END	0.050	7J15	C4
1544	ELM ST	1548 PINE ST	1537 SIXTH AVE	0.580	9H24	G2
2065	ELM ST	25 PONY EXPRESS TRL	END	0.100	8H55	C9
1721	ELMER ST	END	END	0.090	8J14	D2
2767	ELMORES WAY	2756 SOPHIA PKY	SUFFOLK WAY	0.390	7J14	A7
284	ELMWOOD CT	281 WILLOWDALE DR	END	0.040	7J15	C7
2349	ELMWOOD DR	2121 CORNELIAN DR	END	0.110	9H45	H9
423	EMBARCADERO DR	2161 FRANCISCO DR	428 OAK TREE CIR	0.300	7J15	B5

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288	EMERALD HILLS CT	281 WILLOWDALE DR	END	0.070	7J15	C7
2037	ENCINA CT	2035 ENCINA DR	END	0.080	7J15	C3
2035	ENCINA DR	2034 LOMA VERDE DR	2159 GUADALUPE DR	0.650	7J15	B3
1462	ENTERPRISE CT	1464 ENTERPRISE DR	END	0.050	8J12	G7
1464	ENTERPRISE DR	132 FORNI RD	END	0.470	8J12	G7
2186	ERIE CIR	2016 APACHE AVE	2391 MANDAN ST	0.230	9H45	K10
2374	ERMINE CT	169 SOUTH UPPER TRUCKEE	END	0.050	9H55	H2
2545	ESSEX PL	2541 SHEFFIELD DR	END	0.030	7J15	B3
2291	ESTATE CT	2275 GRIZZLY MOUNTAIN DR	END	0.060	9H45	G7
345	ESTE VISTA DR	206 SUDBURY RD	END	0.020	8J11	D10
392	ESTEPA DR	306 CAMBRIDGE RD	END	0.250	8J11	A9
2518	EVELYN RD	114 PIONEER TRL	END	0.080	9H45	K8
2314	EVERGREEN CT	SH193	END	0.160	8H42	F1
2082	EVERGREEN DR	100 GRIZZLY FLAT RD	879 STRING CANYON RD	0.340	08J	J4
57	EXCELSIOR RD	26 BIG CUT RD	73 COON HOLLOW RD	0.470	8J12	K4
2489	FAIR MEADOW CT	2485 FAIR MEADOW TRL	END	0.090	10H41	D1
2485	FAIR MEADOW TRL	114 PIONEER TRL	2486 PLATEAU CIR	0.270	10H41	D1
2619	FAIRCHILD CT	2612 FAIRCHILD DR	END	0.040	7J15	C6
2612	FAIRCHILD DR	2624 KESWICK DR	2347 SILVA VALLEY PKY	0.590	7J15	C6
106	FAIRPLAY RD	78 MT AUKUM RD	35 OMO RANCH RD	4.400	08J	F4
2137	FAIRVIEW DR	2136 NORTH ST	2184 FIR DR	0.070	8H55	C9
207	FAIRWAY DR	198 COUNTRY CLUB DR	351 OXFORD RD	1.660	8J11	B9
1989	FALKIRK CT	2627 FALKIRK WAY	END	0.040	7J15	C7
2627	FALKIRK WAY	2626 KESWICK DR	2638 WICKHAM WAY	0.580	7J15	C7
1841	FALL ST	1840 EL DORADO ST	END	0.080	8J12	F9
1940	FALLEN LEAF RD	SH089	END	4.940	9H35	D6
991	FALLEN OAK TRL	997 SUGAR BUSH CIR	END	0.030	8J14	K6
2577	FARMINGTON CT	2563 PORTSMOUTH DR	END	0.040	7J15	C4
93	FARNHAM RIDGE RD	38 BRIDGEPORT SCHOOL RD	END	5.380	08J	G6
914	FAWN DR	90 SLY PARK RD	915 DOE VIEW PL	0.210	8J15	C4
1705	FERN AVE	1706 CEDAR DR	25 PONY EXPRESS TRL	0.070	8J14	G1
327	FERNBROOK CT	326 WESTRIDGE DR	END	0.040	7J25	J1
1097	FIELDSTONE DR	2793 MOREL WAY	9 MISSOURI FLAT RD	0.350	8J12	D4
1525	FIFTH AVE	END	1542 HAZEL ST	0.500	9H24	G3
1525	FIFTH AVE	1542 HAZEL ST	1511 WILSON AVE	0.200	9H24	G2
905	FIN CT	904 KOKANEE LN	END	0.040	8J15	B4
1107	FINDERS WAY	217 SARATOGA WAY	1108 PLATT CIR	0.310	7J25	C2
2184	FIR DR	2137 FAIRVIEW DR	1690 PINE ST	0.070	8H55	C9
1534	FIR ST	1531 FIRST AVE	1541 EIGHTH AVE	0.380	9H24	G3
1601	FIR ST	1600 MARGARET DR	SH050	0.040	09H	G9
1531	FIRST AVE	1532 ALDER ST	1534 FIR ST	0.100	9H24	H3
1971	FIRTH WAY	1966 HIGHLAND HILLS DR	END	0.070	7J15	D6
177	FITCH WAY	END	END	0.130	7J15	C2
624	FITZROY PL	605 BRISBANE CIR	END	0.040	7J15	C8
536	FLAME CT	533 PERLETT DR	END	0.070	8J11	C8
502	FLEET CT	500 ROYAL PARK DR	END	0.040	8J11	B8
1983	FLUSHING PL	2638 WICKHAM WAY	END	0.060	7J15	C7
1019	FLYING C RD	306 CAMBRIDGE RD @ US 50	END	0.190	8J21	A2
1021	FLYING C RD	1019 FLYING C RD	END	0.090	8J21	A2
2244	FOOTHILL DR	2243 SCENIC DR	2245 RIDGE DR	0.370	8J11	J10

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622	FORBES PL	605 BRISBANE CIR	END	0.050	7J15	C8
1680	FOREBAY RD	25 PONY EXPRESS TRL	URBAN LIMIT	0.320	8H55	C9
1680	FOREBAY RD	URBAN LIMIT	END	3.560	8H54	J7
1483	FOREST DR	1481 RUBICON DR	1481 RUBICON DR	0.180	9H24	H8
1963	FOREST GLEN DR	1962 MEADOW GLEN DR	END	0.190	08J	K3
2318	FOREST LAKE RD	2072 SOUTH POINT RD	END	0.050	8J12	J8
2331	FOREST MOUNTAIN DR	2203 TAHOE MOUNTAIN RD	END	0.330	9H45	G3
1630	FOREST RD	SH050	END	0.650	8H55	G10
1923	FOREST VIEW DR	100 GRIZZLY FLAT RD	1918 MT PLEASANT DR	0.260	08J	J4
2169	FOREST VIEW DR	2168 CREST DR	END	0.270	9H24	H9
132	FORNI RD	SH049	CITY OF PLACERVILLE	3.720	8J12	F8
132	FORNI RD	CITY OF PLACERVILLE	CITY OF PLACERVILLE	0.690	8J12	H3
858	FORT JIM CT	85 FORT JIM RD	END	0.080	8J14	C6
85	FORT JIM RD	84 NEWTOWN RD	84 NEWTON RD	2.950	8J13	A6
2666	FORTROSE PL	2660 MANNING DR	END	0.030	7J15	B4
2341	FORTUNE WAY	2322 COLD CREEK TRL	2326 DEL NORTE ST	0.250	10H41	E1
1522	FOURTH AVE	1542 HAZEL ST	1511 WILSON AVE	0.150	9H24	H3
1523	FOURTH AVE	END	1542 HAZEL ST	0.500	9H24	H3
30	FOWLER LN	SH049	END	0.870	8J12	J7
2714	FOXMORE LN	4 BASS LAKE RD	END/BARRICADE	0.770	7J15	J7
2161	FRANCISCO DR	278 PENDLETON DR	219 EL DORADO HILLS BLVD	0.090	7J15	C6
2161	FRANCISCO DR	219 EL DORADO HILLS BLVD	2 GREEN VALLEY RD	0.540	7J15	C6
2161	FRANCISCO DR	2 GREEN VALLEY RD	2159 GUADALUPE DR	1.780	7J15	B3
2161A	FRANCISCO DR	END	END	0.090	7J15	C6
13	FRENCH CREEK RD	15 BONNETI RD	240 MOTHER LODE DR	6.500	8J21	G1
2209	FRONTIER RD	2208 CLEAR VIEW DR	END	0.040	9H45	G5
123	FRUITRIDGE RD	120 NORTH CANYON RD	END	1.330	8J13	G1
2098	FULAM CT	67 STARBUCK RD	END	0.050	8J11	A6
643	GAILEY CIR	644 TRINIDAD DR	644 TRINIDAD DR	0.260	7J25	J1
646	GAILEY CT	643 GAILEY CIR	END	0.030	7J25	J1
2515	GALLO DR	2263 PEBBLE BEACH DR	END	0.130	9H45	K7
333	GARDEN CIR	198 COUNTRY CLUB DR (W)	198 COUNTRY CLUB DR (E)	0.250	8J21	C1
53	GARDEN VALLEY RD	SH0193	76 MARSHALL RD	3.560	8H42	E10
1053	GARNET RD	90 SLY PARK RD	END	0.820	8J15	D1
516	GATEWAY DR	4 BASS LAKE RD	306 CAMBRIDGE RD	0.550	7J15	J8
149	GATLIN RD	2141 5 MILE RD	89 CARSON RD	0.060	8J13	J2
290	GENEVA CT	273 TAM O SHANTER DR	END	0.070	7J15	C7
2001	GENOA AVE	1351 BLACK BART AVE	2002 CHINQUAPIN DR	0.150	10H31	D10
2418	GENTIAN CIR	2417 LUPINE TRL	2417 LUPINE TRL	0.270	10H41	E2
1871	GEORGES ALLEY	SH049	1876 GEORGES LN	0.060	8J12	H7
1876	GEORGES LN	1871 GEORGES ALY	END	0.090	8J12	H7
49	GEORGIA SLIDE RD	1901 SCHOOL ST	END	0.900	8H42	G1
2253	GERONIMO WAY	2252B EAST SAN BERNARDINO AVE	END	0.050	9H45	H8
241	GILLETT DR	197 OLSON LN	END	0.370	7J15	B9
152	GILMORE RD	25 PONY EXPRESS TRL	END	0.560	8H54	H10
2765	GINA WAY	2763 BEASLEY DR	2761 CRAZY HORSE CT	0.050	7J25	J2
305	GLADSTONE LN	302 TWIN OAKS RD	304 ROYAL DR	0.130	8J21	B1
2133	GLEN DR	2132 RICHARD AVE	END	0.110	8J12	C1
2300	GLEN DR	2301 WOODLAND DR	SH089	0.420	9H24	H9
2193	GLEN EAGLES RD	2535 ELKS CLUB DR	END	0.200	10H41	A6

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2193	GLEN EAGLES RD	114 PIONEER TRL	END	0.370	10H41	B6
1028	GLEN RIDGE CT	257 POWERS DR	END	0.060	7J15	B10
1027	GLEN RIDGE WAY	256 RIDGEVIEW DR	257 POWERS DR	0.100	7J15	B10
1134	GLENHAVEN CT	1133 HILLSDALE CIR	END	0.090	7J25	E6
1946	GLENMORE WAY	END	2203 TAHOE MOUNTAIN RD	0.430	9H45	G2
1946	GLENMORE WAY	2203 TAHOE MOUNTAIN RD	1947 DUNDEE CIR	0.030	9H45	G2
1969	GLENMORE WAY	1966 HIGHLAND HILLS DR	1973 LOCH WAY	0.140	7J15	D6
2042	GLENRIDGE PKY	SH089	2042 GLENRIDGE PKY	0.730	9H24	H5
2506	GOLD DUST TRL	END	2508 JICARILLO TRL	0.260	10H41	C2
70	GOLD HILL RD	21 LOTUS RD	SHWY 49	4.430	8H51	A10
1042	GOLD RIDGE TRL	90 SLY PARK RD	90 SLY PARK RD	1.910	8J15	D1
1003	GOLD RUSH LN	SH049	END	0.170	8H52	F9
2077	GOLDEN ASPEN CT	2076 GOLDEN ASPEN DR	END	0.050	08J	J4
2076	GOLDEN ASPEN DR	2082 EVERGREEN DR	END	0.590	08J	J4
2499	GOLDEN BEAR TRL	114 PIONEER TRL	END	0.840	10H41	C2
1471	GOLDEN CENTER DR	132 FORNI RD	9 MISSOURI FLAT RD	0.340	8J12	G6
902	GOLDEN CT	182 RAINBOW TRL	END	0.100	8J15	B4
2354	GOLDEN EAGLE LN	2347 SILVA VALLEY PKY	END	0.120	7J15	D10
1124	GOLDEN FOOTHILL PKY	18 LATROBE RD	18 LATROBE RD	1.590	7J25	D4
184	GOLDEN ST	182 RAINBOW TRL	183 LOCH LEVEN DR	0.440	8J15	C4
2505	GOLDPAN CT	2504 EARLY DAWN TRL	END	0.060	10H41	C2
42	GOOSE FLAT RD	40 RATTLESNAKE BAR RD	END	0.290	7H55	C3
2046	GORDO CT	2161 FRANCISCO DR	END	0.080	7J15	B3
271	GOVERNOR DR	256 RIDGEVIEW DR	219 EL DORADO HILLS BLVD	0.520	7J15	C8
1092A	GRACE CT	1091 RYAN DR	END	0.050	8J12	G8
1092B	GRACE CT	1092A GRACE CT	END	0.010	8J12	G8
1092	GRACE DR	SH049	1091 RYAN DR	0.200	8J12	G8
397	GRANADA CT	395 GRANADA DR	END	0.140	8J11	B9
395	GRANADA DR	393 EL TEJON RD	398 PASADA RD	0.580	8J11	A9
62	GRAND FIR CIR	SH049	SH049	0.450	7H45	J5
2334	GRANITE MOUNTAIN CIR	2203 TAHOE MOUNTAIN RD	END	0.200	9H45	G3
1052	GRANITE TRL	1042 GOLD RIDGE TRL	2067 HAZEL ST	0.270	8H55	C10
2312	GRASS LAKE RD	END	SH089	1.090	9H55	J3
2313	GRASS LAKE WAY	2312 GRASS LAKE RD	END	0.090	9H55	J4
1014	GRASSY RUN CT	7 GREENSTONE RD	END	0.230	8J12	B7
2170	GRAY AVE	1548 PINE ST	END	0.240	9H24	G2
58	GRAYBAR MINE RD	56 GREENWOOD RD	SH193	1.890	8H42	D4
2757	GREAT HERON DR	2675 SUMMER DR	END/BARRICADE	0.060	7J15	K10
313	GREEN GLEN CT	312 GREEN GLEN RD	END	0.030	8J21	B1
312	GREEN GLEN RD	306 CAMBRIDGE RD	314 LARKSPUR LN	0.240	8J11	B1
2	GREEN VALLEY RD	CITY OF FOLSOM	9 MISSOURI FLAT RD	15.520	7J14	A6
2	GREEN VALLEY RD	9 MISSOURI FLAT RD	CITY OF PLACERVILLE	1.640	8J12	D4
242	GREENLEAF DR	240 MOTHER LODE DR	END	0.270	8J12	F6
7A	GREENSTONE CUTOFF	240 MOTHER LODE DR	7 GREENSTONE RD	0.270	8J12	B9
7	GREENSTONE RD	240 MOTHER LODE DR	2 GREEN VALLEY RD	2.530	8J12	B10
337	GREENWOOD LN	334 MERRYCHASE DR	315 KNOLLWOOD DR	0.260	7J25	K1
56	GREENWOOD RD	76 MARSHALL RD	SH0193	5.000	8H41	A5
1896	GREENWOOD RD	1892 LOWER MAIN ST	1891 PLACER ST	0.240	8H42	F2
913	GREYLING WAY	912 SHAD WAY	END	0.150	8J15	B4
887	GRIFFITH DR	END	898 PATTERSON DR	0.290	8J12	H9

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1906	GRIZZLY CREEK DR	1907 PARKSIDE DR	1907 PARKSIDE DR	0.290	08J	K4
2357	GRIZZLY CT	2356 ANTELOPE WAY	END	0.040	9H24	G3
100	GRIZZLY FLAT RD	78 MT AUKUM RD	103 LEONI RD	10.930	08J	G3
2287	GRIZZLY MOUNTAIN CT	159 NORTH UPPER TRUCKEE	END	0.070	9H45	G7
2275	GRIZZLY MOUNTAIN DR	159 NORTH UPPER TRUCKEE	159 NORTH UPPER TRUCKEE	0.850	9H45	G7
2159	GUADALUPE DR	2039 LAKEHILLS DR	END	1.060	7J15	B2
2465	GUADALUPE ST	2464 ARAVAIPA ST	END	0.200	10H41	C3
203	HACIENDA RD	207 FAIRWAY DR	340 VALERIO DR	0.420	8J21	C1
107	HACKOMILLER RD	53 GARDEN VALLEY RD	59 BLACK OAK MINE RD	2.290	8H42	F8
2062	HAELING PL	2660 MANNING DR	END	0.030	7J15	B4
2149	HAIDAS CIR	2016 APACHE AVE	END	0.260	9H45	K10
266	HAIGHT CT	262 STANFORD LN	END	0.090	7J15	C8
1746	HALCON RD	1744 CAMINO HILLS DR	END	0.100	8J13	K3
2662	HALIFAX PL	2661 HALIFAX WAY	END	0.060	7J15	B4
2661	HALIFAX WAY	2664 TEMPLETON DR	2660 MANNING DR	0.530	7J15	B4
2539	HAMPSHIRE PL	2161 FRANCISCO DR	END	0.090	7J15	B3
329	HAMPTON CT	309 WENTWORTH RD	END	0.070	7J25	K1
328	HAMPTON LN	309 WENTWORTH RD	318 KIMBERLY RD	0.190	8J21	A1
2461	HAN ST	2249 BLITZEN RD	SH089	0.240	9H45	H10
1350	HANK MONK AVE	1351 BLACK BART AVE	1351 BLACK BART AVE	0.400	10H41	D1
32	HANKS EXCHANGE RD	77 PLEASANT VALLEY RD	END	0.770	8J13	E10
282	HANOVER CT	281 WILLOWDALE DR	END	0.070	7J15	C7
174	HAPPY VALLEY CUTOFF RD	78 MT AUKUM RD	80 HAPPY VALLEY RD	0.670	08J	G3
80	HAPPY VALLEY RD	78 MT AUKUM RD	877 COSUMNES MINE RD	11.780	08J	G3
1897	HARKNESS ST	1881 CHURCH ST	END	0.320	8H42	G2
1301	HARNESS TRACT RD	8039	1334 LARSEN DR	0.250	8J14	C1
1521	HARRIS AVE	1542 HAZEL ST	1511 WILSON AVE	0.110	9H24	H3
1722	HARRIS RD	1731 NORMAN WAY	1721 ELMER ST	0.090	8J14	C2
2549	HARTFORD CT	2541 SHEFFIELD DR	END	0.040	7J15	C3
1103	HARVARD WAY	219 EL DORADO HILLS BLVD	2347 SILVA VALLEY PKY	0.410	7J15	C9
1980	HARVEY RD	END	END	0.100	8J11	B10
2574	HARWICH CT	2571 RALEIGH WAY	END	0.030	7J15	C4
119	HASSLER RD	2600 UNION RIDGE RD	120 NORTH CANYON RD	3.500	8J13	F1
511	HASTINGS DR	2 GREEN VALLEY RD	67 STARBUCK RD	0.310	8J11	A6
1460	HAVENSTAR LN	1458 KOKI LN	1459 CROSSBILL LN	0.090	8J12	F9
600	HAWKER PL	272 ST ANDREWS DR	END	0.040	7J15	C8
1126	HAWK'S FLIGHT CT	1124 GOLDEN FOOTHILL PKY	END	0.100	7J25	D4
1349	HAWLEY GRADE RD	169 SOUTH UPPER TRUCKEE	END	0.250	9H55	H5
1941	HAYLOFT CT	1937 BEECHWOOD DR	END	0.040	7J15	C4
1542	HAZEL ST	1537 SIXTH AVE	1521 HARRIS AVE	0.130	9H24	G3
2067	HAZEL ST	1051 AMBER TRL	1992 RIDGEWAY DR	0.880	8H55	C10
2403	HAZEL VALLEY RD	88 PARK CREEK RD	END	2.480	8H55	J9
154	HEADINGTON RD	9 MISSOURI FLAT RD	END	0.200	8J12	F5
2579	HEARTHSTONE PL	2567 KENSIGNTON DR	END	0.030	7J15	C4
2553	HEATHCOT PL	2551 CARDIFF CIR	END	0.080	7J15	C3
1944	HEATHER CIR	1943 UPLANDS WAY	1943 UPLANDS WAY	0.290	9H45	G3
633	HEDLAND PL	630 WILLISTON WAY	END	0.090	7J15	D8
226	HEIGHTS DR	304 ROYAL DR	304 ROYAL DR	0.330	8J21	C1
2423	HEKPA DR	END	2405 NO NAME	0.210	10H41	B5
2423	HEKPA DR	114 PIONEER TRL	114 PIONEER TRL	0.410	10H41	B6

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1852	HEMLOCK AVE	1851 ALPINE AVE	END	0.110	9H55	C3
2689	HEMMINGWAY CT	1020 CRAZY HORSE RD	END	0.050	7J25	K2
2494	HENDERSON ST	2497 WAILAKI ST	END	0.350	9H45	H10
1136	HENSLEY CIR	234 WARREN LN	1136 HENSLEY CIR	0.750	7J15	B7
988	HIBISCUS CT	990 PENNYROYAL DR	END	0.080	8J14	J6
2395	HIDATSA CIR	2393 ARIKAWA ST	2393 ARIKAWA ST	0.200	10H41	A10
2396	HIDATSA CT	2395 HIDATSA CIR	END	0.040	10H41	A10
2408	HIGH MEADOW TRL	114 PIONEER TRL	END	0.790	10H41	D2
2419	HIGH MEADOWS CT	2408 HIGH MEADOW TRL	END	0.060	10H41	D2
1910	HIGH ST	1911 CHURCH ST	1917 BACK ST	0.140	8H52	B5
176	HIGHLAND DR	175 HIGHVIEW DR	END	0.070	9H24	H9
1966	HIGHLAND HILLS DR	2347 SILVA VALLEY PKY	END	0.820	7J15	C5
1942	HIGHLANDS DR	1946 GLENMORE WAY	END	0.110	9H45	G2
175	HIGHVIEW DR	2169 FOREST VIEW DR	END	0.180	9H24	H9
2126	HILLBILLY LN	2125 KYBURZ DR	2125 KYBURZ DR	0.160	09H	E10
529	HILLCREST DR	394 WILKINSON RD	503 WAVERLY DR	0.510	7J15	K8
2316	HILLS CT	2315 ROLLING HILLS DR	END	0.030	8H42	F2
300	HILLSBOROUGH RD	198 COUNTRY CLUB DR	304 ROYAL DR	0.450	8J21	B1
1133	HILLSDALE CIR	1132 ROBERT J MATHEWS PKY (S)	1132 ROBERT J MATHEWS PKY (N)	0.720	7J25	E5
1955	HILLTOP CT	1954 HILLTOP DR	END	0.030	08J	J4
1954	HILLTOP DR	1951 BLUE MOUNTAIN DR	1952 PIONEER DR	0.150	08J	J4
2175	HILO AVE	2173 MCKINNEY RD	PLACER COUNTY	0.130	9H24	F2
1122	HILTON WAY	135 MEDER RD	1121 BUENA VISTA RD	0.330	8J11	E10
1865	HINMAN ALY	77 PLEASANT VALLEY RD	1866 NORTH ST	0.050	8J12	F9
418	HOFFMAN CT	2161 FRANCISCO DR	END	0.130	7J15	C6
2811	HOLLOW OAK DR	BASS LAKE RD	WHISKEY DRIFT DR	1.210	7J15	J3
310	HOLLY HILLS LN	306 CAMBRIDGE RD	306 CAMBRIDGE RD	0.420	8J21	B1
2500	HOMESTEAD TRL	2499 GOLDEN BEAR TRL	END	0.080	10H41	D2
2677	HONEY CIR	2675 SUMMER DR	2675 SUMMER DR	0.210	7J15	J9
2024	HOPI AVE	SH050	2019 MODOC WAY	0.300	9H45	H10
1352	HORACE GREELEY AVE	1350 HANK MONK AVE	1350 HANK MONK AVE	0.200	10H41	D1
1870	HOWARD CIR	SH049	SH049	0.210	8J12	J7
2325	HUMBOLT ST	2321 COPPER WAY	2324 AMADOR WAY	0.150	10H41	E1
2468	HUNKPAPA ST	2472 KULOW ST	2475 CARNARSEE ST	0.330	10H41	C3
2474	HUPH ST	2468 HUNKPAPA ST	2467 MINNICONJOU DR	0.060	10H41	C3
2466	IBACHE ST	2464 ARAVAIPA ST	END	0.240	10H41	C3
147	ICE HOUSE RD	SH050	63 WENTWORTH SPGS RD(SOUTH)	22.710	09H	B10
147	ICE HOUSE RD	63 WENTWORTH SPGS RD(SOUTH)	63 WENTWORTH SPGS RD(NORTH)	1.230	09H	C6
147	ICE HOUSE RD	63 WENTWORTH SPGS RD(NORTH)	END/ END PVMT	7.120	09H	C6
2727	IMAD CT	1976 ABERDEEN LN	END	0.080	7J15	E6
2142	INCA WAY	2143 PAWNEE DR	END	0.050	9H45	K10
92	INDIAN DIGGINS RD	35 OMO RANCH RD	END	3.260	08J	J5
2726	INDIGO CT	2675 SUMMER DR	END	0.060	7J15	J10
2251	INDIGO WAY	2252B EAST SAN BERNARDINO AVE	END	0.040	9H45	H8
1470	INDUSTRIAL DR	9 MISSOURI FLAT RD	END	0.390	8J12	G7
544A	INTREPID DR	510 ROYCE DR	END	0.030	8J11	B6
544B	INTREPID DR	370 LA CRESCENTA DR	END	0.030	8J11	B6
2566	INVERNESS PL	2565 SAILSBURY DR	END	0.120	7J15	C4
1135	INVESTMENT BLVD	18 LATROBE RD	END	0.340	7J25	E6
2335	IRON MOUNTAIN CIR	2203 TAHOE MOUNTAIN RD	END	0.250	9H45	G5

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2153	IROQUOIS CIR	2155 MOHICAN DR	2155 MOHICAN DR	0.770	10H41	A10
2746	ITO CT	375 CHASEN DR	END	0.050	8J11	D9
2508	JACARILLO TRL	END	END	0.280	10H41	C2
2422	JACK BELL CT	1351 BLACK BART AVE	END	0.030	10H41	D1
1090	JACKPINE RD	5 PONDEROSA RD	END	0.200	8J11	F9
438	JACKSON CT	427 DOWNIEVILLE DR	END	0.030	7J15	C6
101	JACQUIER RD	589 SMITH FLAT RD (S)	89 CARSON RD	0.960	8J13	E3
1046	JADE CT	1044 JADE DR	END	0.080	8H55	E10
1044	JADE DR	1043 OPAL TRL	1049 ONYX TRL	0.300	8H55	D10
164	JANE DR	SH049	END	0.080	8J12	H1
1984	JARED PL	2627 FALKIRK WAY	END	0.050	7J15	C7
2706	JASMINE CIR	2675 SUMMER DR	2675 SUMMER DR	0.280	7J15	J9
194	JASPER CT	193 STOPE WAY	END	0.110	08J	C3
2000	JEWELL RD	SH050	SH050	0.400	9H45	K5
2463	JICARILLA DR	114 PIONEER TRL	END	0.530	10H41	C3
161	JIM VALLEY RD	85 FORT JIM RD	END	0.260	8J13	H5
19	JOERGER CUTOFF RD	34B WHITE ROCK RD	END	0.230	7J25	E2
116	JOHNSON PASS RD	SH050	8817 ECHO SUMMIT RD	0.750	9H55	F1
2145	JONI CT	2144 LOYAL LN	END	0.050	8H54	K10
350	JOSE CT	206 SUDBURY RD	END	0.080	8J11	C9
1996	JUDY DR	1811 ROXANA ST	1811 ROXANA ST	0.260	8J12	H1
1157	JULIE ANN WAY	257 POWERS DR	END	0.080	7J15	B9
566	JULIE CT	543 ABBOTT RD	END	0.070	7J15	K8
136	JURGENS RD	66 DEER VALLEY RD	97 LUNEMAN RD	2.240	8J11	C1
565	JUSTIN WOODS CT	543 ABBOTT RD	END	0.060	7J15	K8
893	JUSTINE AVE	898 PATTERSON DR	894 CRYSTAL DR	0.290	8J12	H8
891	JUSTINE CT	893 JUSTINE AVE	END	0.040	8J12	H8
186	KAMLOOPS DR	185 LOCH LEVEN DR	END	0.030	8J15	B5
68	KANAKA VALLEY RD	66 DEER VALLEY RD	END	1.890	7J15	H1
2436	KANSA ST	2426 WASHOAN BLVD	2437 MUSKWAKI DR	0.060	10H41	B5
2440	KASKA ST	2439 SHAKORI DR	END	0.290	9H45	J9
2492	KATA CT	2491 KEKIN ST	END	0.040	9H45	H10
587	KATIE WAY	586 BEATTY DR	257 POWERS DR	0.090	7J15	B10
523	KATO CT	306 CAMBRIDGE RD	END	0.060	7J15	K8
2460	KATO ST	2249 BLITZEN RD	END	0.030	9H45	H10
2456	KEETAK ST	2121 CORNELIAN DR	2453 POMO ST	0.230	9H45	H10
2491	KEKIN ST	2493 NAHANE DR	169 SOUTH UPPER TRUCKEE	0.480	9H45	H10
170	KELSEY RD	SH193	SH0193	0.240	8H52	H5
2617	KENNEDY PL	2612 FAIRCHILD DR	END	0.040	7J15	C6
2597	KENSINGTON CT	2567 KENSINGTON DR	END	0.100	7J15	C5
2567	KENSINGTON DR	2161 FRANCISCO DR	1115 VILLAGE CENTER DR	0.760	7J15	B4
2703	KENTFIELD CT	2704 KENTFIELD DR	END	0.060	8J11	C9
2704	KENTFIELD DR	2699 BRIDGEPORT DR	2703 KENTFIELD CT	0.260	8J11	C8
2626	KESWICK DR	2612 FAIRCHILD DR	2627 FALKIRK WAY	0.370	7J15	C7
2659	KETTERING PL	2661 HALIFAX WAY	END	0.020	7J15	B3
2279	KICKAPOO ST	2277 MEWUK DR	2284 KIOWA DR	0.800	9H45	G10
1974	KILT CIR	1973 LOCH WAY	1973 LOCH WAY	0.330	7J15	D5
318	KIMBERLY RD	315 KNOLLWOOD DR	315 KNOLLWOOD DR	1.510	8J11	A1
330	KIMWORTH LN	318 KIMBERLY RD	309 WENTWORTH RD	0.100	8J11	A1
410	KING EDWARD CT	292 CROWN DR	END	0.130	7J15	C7

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299	KING EDWARD DR	292 CROWN DR	293 KING RICHARD DR	0.630	7J15	B7
403	KING GEORGE CT	402 KING GEORGE WAY	END	0.040	7J15	C7
2107	KING GEORGE DR	2135 VIEW CIR	1481 RUBICON DR	0.340	9H24	H8
402	KING GEORGE WAY	293 KING RICHARD DR	299 KING EDWARD DR	0.160	7J15	B7
407	KING HENRY CT	293 KING RICHARD DR	END	0.050	7J15	B7
295	KING HENRY WAY	292 CROWN DR	293 KING RICHARD DR	0.150	7J15	B7
298	KING JAMES WAY	293 KING RICHARD DR	299 KING EDWARD DR	0.160	7J15	B7
297	KING JOHN WAY	293 KING RICHARD DR	299 KING EDWARD DR	0.160	7J15	B7
408	KING RICHARD CT	293 KING RICHARD DR	END	0.050	7J15	B7
293	KING RICHARD DR	299 KING EDWARD DR	END	0.460	7J15	B7
218	KINGS CANYON DR	216 ARROWHEAD DR	END	0.100	7J25	C2
1957	KINGS ROW DR	1958 PINE RIDGE DR	1951 BLUE MOUNTAIN DR	0.250	08J	J4
2284	KIOWA DR	2283 KORU ST	159 NORTH UPPER TRUCKEE	1.030	9H45	F8
2715	KIRKWOOD CT	2658 KIRKWOOD DR	END	0.060	7J15	J9
2658	KIRKWOOD DR	2706 JASMINE CIR	2654 ALYSSUM CIR	0.110	7J15	J9
2667	KLONDIKE WAY	2653 MAGNOLIA HILLS DR	END	0.230	7J15	J9
417	KNIGHT LN	259 PATTERSON WAY	END	0.360	7J15	B10
1154	KNIGHTS CT	417 KNIGHT LN	END	0.030	7J15	B9
1153	KNOLLRIDGE CT	1152 KNOLLRIDGE DR	END	0.020	7J15	B9
1152	KNOLLRIDGE DR	256 RIDGEVIEW DR	257 POWERS DR	0.300	7J15	B10
336	KNOLLWOOD CT	315 KNOLLWOOD DR	END	0.090	8J21	A1
315	KNOLLWOOD DR	306 CAMBRIDGE RD	END	2.270	7J15	J1
2355	KODIAK CT	2356 ANTELOPE WAY	END	0.030	9H24	G3
904	KOKANEE LN	906 SPECKLED RD	908 SALMON WAY	0.360	8J15	B4
2406	KOKANEE TRL	114 PIONEER TRL	2406 KOKANEE TRL	0.030	10H41	D2
2406	KOKANEE TRL	2406 KOKANEE TRL	2406 KOKANEE TRL	0.240	10H41	D2
1458	KOKI LN	SH049	END (GATE)	0.300	8J12	G9
2023	KONA ST	2172 DEER AVE	END	0.020	9H24	G3
2283	KORU ST	159 NORTH UPPER TRUCKEE	END	0.310	9H45	F8
2470	KOYUKON DR	2428 NADOWA ST	END	0.480	10H41	B3
2472	KULOW ST	2470 KOYUKON DR	2467 MINNICONJOU DR	0.180	10H41	B5
2125	KYBURZ DR	SH050	SH050	0.480	09H	E10
372	LA CANADA CT	371 LA CANADA DR	END	0.150	8J11	B7
371	LA CANADA DR	521 STERLING WAY	306 CAMBRIDGE RD	0.080	7J15	K7
371	LA CANADA DR	306 CAMBRIDGE RD	200 CAMERON PARK DR	0.380	7J15	K7
371	LA CANADA DR	200 CAMERON PARK DR	END	0.300	8J11	B7
367	LA CIENEGA CT	366 LA CIENEGA WAY	END	0.050	8J11	B7
366	LA CIENEGA WAY	360 ALHAMBRA DR	371 LA CANADA DR	0.320	8J11	B7
370	LA CRESCENTA DR	END	510 ROYCE DR	0.740	8J11	B6
579	LA TOMJO CT	370 LA CRESCENTA DR	END	0.040	8J11	B6
2686	LADY MARCI CT	2216 MORMON ISLAND DR	END	0.070	7J15	B6
1078	LAGO VISTA DR	255 WILSON BLVD	END	0.190	7J25	B1
1202	LAKE RIDGE DR	1200 PARK WOODS DR	1200 PARK WOODS DR	0.380	8J15	D2
2204	LAKE TAHOE BLVD	159 NORTH UPPER TRUCKEE	URBAN LIMIT	1.580	9H45	G5
2204	LAKE TAHOE BLVD	URBAN LIMIT	CITY OF SOUTH LAKE TAHOE	1.540	9H45	H3
2049	LAKECREST DR	2060 MARINA VIEW DR	END	0.110	7J15	B4
2039	LAKEHILLS DR	39 SALMON FALLS RD	END	1.860	7J15	B2
2224	LAKERIDGE CT	2220 LAKERIDGE OAKS DR	END	0.080	7J14	K6
2226	LAKERIDGE CT	2228 SUNRISE AVE	END	0.100	9H24	H7
2227	LAKERIDGE DR	2228 SUNRISE AVE	END	0.200	9H24	H7

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2220	LAKERIDGE OAKS DR	2 GREEN VALLEY RD	2 GREEN VALLEY RD	0.640	7J14	A6
2032	LAKEVIEW DR	2342 SILVERTIP DR	2230 SATURN DR	0.150	9H24	H7
2032	LAKEVIEW DR	2029 BAY VIEW DR	END	0.230	9H24	H6
2304	LAKEVIEW DR	2168 CREST DR	2302 MANZANITA DR	0.120	9H24	H9
1206	LAKEWOOD CT	1205 LAKEWOOD DR	END	0.030	8J15	D2
1205	LAKEWOOD DR	90 SLY PARK RD	END	0.510	8J15	D2
522	LAMAR CT	521 STERLING WAY	END	0.040	7J15	K7
2783	LAMBETH CT	2725 LAMBETH DR	END /BULB	0.050	7J15	J7
2725	LAMBETH DR	2714 FOXMORE LN	4 BASS LAKE RD	0.450	7J15	J7
2375	LAMOR CT	2268 MOUNTAIN CANARY DR	END	0.110	9H45	H5
2560	LANCASTER PL	2554 CARNELIAN CIR	END	0.040	7J15	C3
1032	LANGDON CT	271 GOVERNOR DR	END	0.050	7J15	C9
2598	LANTERN CT	2567 KENSINGTON DR	END	0.030	7J15	C5
594	LAPIS CT	593 MALACHITE WAY	END	0.040	7J15	K7
314	LARKSPUR LN	331 OSBORNE RD	315 KNOLLWOOD DR	0.240	8J11	B1
1707	LARKSPUR LN	1706 CEDAR DR	END	0.060	8J14	G1
1334	LARSEN DR	89 CARSON RD	121 CABLE RD	2.410	8J14	C1
368	LAS TUNAS WAY	360 ALHAMBRA DR	370 LA CRESCENTA DR	0.090	8J11	B7
233	LASSEN LN	214 PARK DR	219 EL DORADO HILLS BLVD	0.120	7J25	C1
261	LATHAM LN	197 OLSON LN	262 STANFORD LN	0.490	7J15	C8
18	LATROBE RD	AMADOR COUNTY	SH050	11.470	7J25	D2
94	LATROBE TRIANGLE	17 SOUTH SHINGLE RD	18 LATROBE RD	0.350	08J	A5
1696	LAUREL DR	25 PONY EXPRESS TRL	1690 PINE ST	0.270	8H55	B9
1054	LAVA LN	1053 GARNET RD	1057 PEARL RD	0.070	8J15	E1
2740	LAWNDALE CT	319C WOODLEIGH LN	END	0.060	7J15	J8
168	LAWRENCE RD	36 CEDAR CREEK RD	AMADOR CO	0.040	08J	F6
179	LAZO CT	2039 LAKE HILLS DR	END	0.030	7J15	C2
599	LAZURITE LN	597 AQUAMARINE CIR	597 AQUAMARINE CIR	0.070	7J15	K7
2066	LEAF CIR	1992 RIDGEWAY DR	2067 HAZEL ST	0.120	8H55	C9
2697	LEE DR	2712 PLATEAU CIR	END	0.030	7J15	K9
899	LEISURE LN	77 PLEASANT VALLEY RD	END	1.660	8J14	B9
103	LEONI RD	2078 WOODED GLEN DR	100 GRIZZLY FLAT RD	0.560	08J	J4
2171	LEWIS AVE	1548 PINE ST	END	0.220	9H24	F2
2012	LEWIS RD	2009 CREST VIEW DR	END	0.100	8J12	J8
1062	LIFE WAY	2793 MORELWAY	09 MISSOURI FLAT RD	0.500	8J12	D5
1699	LILAC RD	1697 ROBERT RD	END	0.070	8H54	H10
2361	LILYAMA RD	SH049	SH049	0.340	8H51	D1
2789	LIMA CT	END	1972 SHETLAND WY	0.190	7J15	D6
2780	LIMA WAY	1976 ABERDEEN LN	END/BARRICADE	0.030	7J15	E6
28	LIME KILN RD	1017 CHINA GARDEN RD	SH049	0.450	8J12	J7
2237	LINDBERG AVE	132 FORNI RD	240 MOTHER LODE DR	0.640	8J12	F6
2122	LINDENWOOD DR	2120 MULBERRY DR	2349 ELMWOOD DR	0.200	9H45	J10
2575	LINHURST CT	2571 RALEIGH WAY	END	0.070	7J15	C4
210	LINWOOD LN	207 FAIRWAY DR	END	0.140	8J11	C10
2496	LIPAN ST	2493 NAHANE DR	2494 HENDERSON ST	0.200	9H45	H10
2290	LITTLE BEAR LN	2275 GRIZZLY MOUNTAIN DR	2275 GRIZZLY MOUNTAIN DR	0.210	9H45	G7
2346	LITTLE MOUNTAIN LN	2204 LAKE TAHOE BLVD	2295 MOUNT SHASTA CIR	0.050	9H45	G6
185	LOCH LEVEN DR	182 RAINBOW TRL	END	0.870	8J15	B4
1973	LOCH WAY	1972 SHETLAND WAY	2 GREEN VALLEY RD	1.370	7J15	D5
2769	LOCHABER DR	2770 CLAYMORE CT	2768 BRAEMER DR	0.180	8J11	D8

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1874	LOCUST RD	1871 GEORGES ALY	1017 CHINA GARDEN RD	0.070	8J12	H7
2511	LODGEPOLE TRL	2509 PROSPECTOR TRL	END	0.220	10H41	B2
1335	LODI AVE	2052 BARBARA AVE	CITY OF SOUTH LAKE TAHOE	0.030	10H31	C10
2045	LOMA VERDE CT	2034 LOMA VERDE DR	END	0.040	7J15	C3
2034	LOMA VERDE DR	2159 GUADALUPE DR	END	0.280	7J15	C3
2040	LOMITA WAY	2036 BONITA DR	END	0.030	7J15	C3
1967	LOMOND DR	1966 HIGHLAND HILLS DR	1969 GLENMORE WAY	0.370	7J15	C5
1880	LON CT	2010 NORTH CIRCLE DR	END	0.110	8J12	J8
2501	LONE INDIAN TRL	2508 JACARILLO TRL	2500 HOMESTEAD TRL	0.340	10H41	C2
889	LONE STAR CT	898 PATTERSON DR	END	0.060	8J12	H9
2238	LONG AVE	2237 LINDBERG AVE	2237 LINDBERG AVE	0.300	8J12	F6
2338	LOOKOUT POINT CIR	2266 ELK POINT DR	2266 ELK POINT DR	0.190	9H45	F5
568	LOON CT	543 ABBOTT RD	END	0.070	7J15	K8
883	LORRAIN ST	13 FRENCH CREEK DR	END	0.180	8J21	H2
1073	LOS ALTOS CT	255 WILSON BLVD	END	0.030	7J25	C1
199	LOS SANTOS DR	198 COUNTRY CLUB DR	198 COUNTRY CLUB DR	0.630	8J21	C1
2248	LOST LN	2016 APACHE AVE	END	0.050	9H45	K10
21	LOTUS RD	2 GREEN VALLEY RD	SH049	6.790	8J11	G1
1892	LOWER MAIN ST	1896 GREENWOOD RD	76 MARSHALL RD	0.210	8H42	F2
1892	LOWER MAIN ST	76 MARSHALL RD	SH0193	0.050	8H42	F2
2144	LOYAL LN	122 BLAIR RD	2146 MARJORIE WAY	0.270	8H54	K10
97	LUNEMAN RD	136 JURGENS RD	21 LOTUS RD	3.960	8H51	C9
2529	LUNN CT	2527 PLAYER DR	END	0.050	10H41	A8
992	LUPIN LN	999 SIERRA SPRINGS DR	END	0.720	8J14	A6
2417	LUPINE TRL	2416 MARSHALL TRL	2416 MARSHALL TRL	0.810	10H41	D2
2236	LYDIA LN	2 GREEN VALLEY RD	END	0.170	8J12	E4
48	MACE RD	25 PONY EXPRESS TRL	121 CABLE RD	1.070	8J14	F1
901	MACKINAW ST	185 LOCH LEVEN DR	END	0.080	8J15	B4
2707	MADERA WAY	4 BASS LAKE RD	2706 JASMINE CIR	0.040	7J15	J9
1703	MADRONE DR	1700 CANYON RD	END	0.120	8J14	G1
2653	MAGNOLIA HILLS DR	END	4 BASS LAKE RD	0.310	7J15	J8
2653	MAGNOLIA HILLS DR	2651 TEA ROSE DR	END	0.270	7J15	J8
2452	MAGUA ST	2024 HOPI AVE	END	0.080	9H45	H10
1898	MAIDEN LN	1881 CHURCH ST	1891 PLACER ST	0.080	8H42	G2
2479	MAIDENHAIR CT	2416 MARSHALL TRL	END	0.070	10H41	D2
1893	MAIN ST	SH193	63 WENTWORTH SPRINGS RD	0.500	8H42	G1
363	MAJAR CT	360 ALHAMBRA DR	END	0.090	8J11	B8
593	MALACHITE WAY	596 PERIDOT DR	592 SPINEL CIR	0.170	7J15	K7
2751	MALAGA CT	2694 ALMERIA DR	END	0.070	8J11	C7
173	MALCOLM DIXON RD	39 SALMON FALLS RD	2 GREEN VALLEY RD	2.040	7J15	C5
2745	MALLORCA CT	1792 RANCHO TIERRA CT	END	0.060	7J15	K9
111	MAMELUKE HILL RD	49 GEORGIA SLIDE RD	8026 MAMELUKE HILL RD	1.450	8H42	F1
649	MAMMOUTH CT	215 MAMMOUTH WAY	END	0.050	7J25	D2
215	MAMMOUTH WAY	216 ARROWHEAD DR	217 SARATOGA WY	0.120	7J25	C2
2391	MANDAN ST	2016 APACHE AVE	114 PIONEER TRL	0.880	9H45	K10
2660	MANNING DR	2061 WILDRIDGE DR	2661 HALIFAX WAY	0.710	7J15	B3
1747	MANZANA CT	1745 VISTA DEL MUNDO	END	0.090	8J13	K2
2302	MANZANITA DR	2301 WOODLAND DR	2301 WOODLAND DR	0.270	9H24	H9
1689	MANZANITA ST	25 PONY EXPRESS TRL	END	0.070	8H55	B10
225	MAPLE AVE	1696 LAUREL DR	END	0.200	8H55	B9

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1678	MAPLE DR	END	END	0.110	8H55	B9
1002	MARBLE VALLEY RD	SH050	END	0.290	7J25	G2
1600	MARGARET DR	1601 FIR ST	1601 FIR ST	0.870	09H	G9
2053	MARINA PARK DR	2161 FRANCISCO DR	END	0.290	7J15	B5
2060	MARINA VIEW DR	2112 SCHOONER DR	2049 LAKECREST DR	0.320	7J15	B4
2657	MARIPOSA SPRINGS DR	2652 WATSONIA GLEN	2653 MAGNOLIA HILLS DR	0.080	7J15	J9
2146	MARJORIE WAY	2144 LOYAL LN	END	0.190	8H54	K10
1087	MARKET CT	1084 PRODUCT DR	END	0.130	8J21	F2
269	MARKHAM CT	262 STANFORD LN	END	0.050	7J15	C8
2480	MARSHALL CT	2416 MARSHALL TRL	END	0.110	10H41	D2
76	MARSHALL RD	SH049	1892 LOWER MAIN ST	9.100	8H52	A2
2416	MARSHALL TRL	2408 HIGH MEADOW TRL	2487 CATTLEMANS TRL	0.880	10H41	D2
1325	MARTIN AVE	CITY OF SOUTH LAKE TAHOE	2052 BARBARA AVE	0.030	10H31	C10
1325	MARTIN AVE	2052 BARBARA AVE	1351 BLACK BART AVE	0.190	10H31	C10
2134	MARVA LN	20 COLD SPRINGS RD	2132 RICHARD AVE	0.320	8J12	C1
505	MARYETTA CT	503 WAVERLY DR	END	0.070	8J11	A8
2051	MAST CT	2050 OUTRIGGER DR	END	0.090	7J15	B4
2744	MATADOR CT	1792 RANCHO TIERRA CT	END	0.060	7J15	K9
1029	MATTHEW CT	197 OLSON LN	END	0.060	7J15	C9
2225	MAUL OAK CT	2220 LAKERIDGE OAKS DR	END	0.110	7J14	K6
2157	MAYA WAY	2153 IROQUOIS CIR	END	0.050	10H41	A10
2722	MAYFIELD CT	2721 MAYFIELD DR	END	0.060	7J15	J7
2721	MAYFIELD DR	2725 LAMBETH DR	2714 FOXMORE LN	0.330	7J15	J7
2173	MC KINNEY RD	2171 LEWIS AVE	END	0.230	9H24	F3
47	MEADOW BROOK RD	SH193	46 BEAR CREEK RD	1.320	8H42	G7
2003	MEADOW CREST DR	1351 BLACK BART AVE	2002 CHINQUAPIN DR	0.350	10H31	D10
532	MEADOW CT	530 MELODYE LN	END	0.080	8J11	B6
1962	MEADOW GLEN DR	1904 WINDING WAY	1904 WINDING WAY	0.340	08J	K3
338	MEADOW LN	337 GREENWOOD LN	END	0.090	7J25	K1
2196	MEADOW VALE DR	SH050	2516 SOUTHERN PINES	0.970	9H45	J8
135	MEDER RD	200 CAMERON PARK RD	5 PONDEROSA RD	2.440	8J11	C9
2028A	MEEKS BAY AVE	1416 NORTH LN	SH089	0.750	9H24	H7
2028B	MEEKS BAY AVE	2028A MEEKS BAY AVE	END	0.270	9H24	H6
539	MELLOWDAWN WAY	394 WILKINSON RD	540 SANDHURST DR	0.090	7J15	K8
531	MELODYE CT	530 MELODYE LN	END	0.100	8J11	B6
530	MELODYE LN	2 GREEN VALLEY RD	END	0.060	8J11	B6
2340	MELROSE CT	2622 MELROSE WAY	END	0.050	7J15	C6
2622	MELROSE WAY	2612 FAIRCHILD DR	2616 BRACKENWOOD PL	0.100	7J15	C6
16	MEMORY LN	17 SOUTH SHINGLE RD	END	2.230	08J	B5
2105	MEMORY LN	169 SOUTH UPPER TRUCKEE RD	END	0.530	9H55	H3
2105A	MEMORY LN	169 SOUTH UPPER TRUCKEE RD	2105 MEMORY LN	0.030	9H55	H3
2670	MENDOCINO CT	2653 MAGNOLIA HILLS	END	0.050	7J15	J9
2669	MENDOCINO WAY	2653 MAGNOLIA HILLS DR	2667 KLONDIKE WAY	0.130	7J15	J9
1137	MEPHAM CT	1136 HENSLEY CIR	END	0.060	7J15	B8
1461	MERCHANDISE WAY	1464 ENTERPRISE DR	END	0.240	8J12	G7
1048	MERCURY TRL	1043 OPAL TRL	END	0.130	8J15	D1
2578	MEREDITH PL	2565 SAILSBURY DR	END	0.030	7J15	C4
2264	MERION RD	2263 PEBBLE BEACH DR	END	0.150	9H45	K7
415	MERRIAM CT	414 MERRIAM LN	END	0.060	7J15	C8
414	MERRIAM LN	1037 SAPPHIRE WAY	271 GOVERNOR DR	0.230	7J15	C8

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334	MERRYCHASE DR	306 CAMBRIDGE RD	198 COUNTRY CLUB DR	0.660	7J25	J1
332	MERRYWOOD CIR	306 CAMBRIDGE RD (S)	306 CAMBRIDGE RD (N)	0.340	8J21	B1
1905	MERRYWOOD CT	1907 PARKSIDE DR	END	0.140	08J	K4
317	MERRYWOOD LN	332 MERRYWOOD CIR	END	0.070	8J21	B1
252	MESA VERDES CT	246 MESA VERDES DR	END	0.040	7J25	C1
246	MESA VERDES DR	214A PARK DR	214A PARK DR	0.910	7J25	C1
2277	MEWUK DR	2282 WINTOON DR	159 NOUTH UPPER TRUCKEE	0.990	9H45	F10
150	MEYERS RD	1712 8 MILE RD	8018 NO NAME	1.420	8J14	E1
2176	MIAMI AVE	2173 MCKINNEY RD	PLACER COUNTY	0.160	9H24	F2
2177	MIAMI CT	2173 MCKINNEY RD	END	0.040	9H24	F3
1060	MICA CT	1059 ZINC DR	END	0.080	8H55	C10
1	MIDDLETOWN RD	CITY OF PLACERVILLE	CITY OF PLACERVILLE	0.200	8J12	H2
1993	MIDWAY AVE	1992 RIDGEWAY DR	90 SLY PARK RD	0.080	8H55	D9
1934	MILANO CT	1933 BANCROFT DR	END	0.030	7J15	C5
2363	MILL RUN	END(WEST)	END (EAST)	0.960	8H55	H9
316	MILLBRAE RD	308 CHELSEA RD	315 KNOLLWOOD DR	0.570	8J11	A1
172	MILLER RD	2 GREEN VALLEY RD	END	0.240	7J15	B5
1953	MILLWOOD DR	1952 PIONEER DR	1951 BLUE MOUNTAIN DR	0.090	08J	J4
2455	MINAL ST	2454 CIRUGU ST	END	0.120	9H45	H9
1119	MINESHAFT LN	END	5 PONDEROSA RD	0.090	8J11	F10
2435	MINGWE ST	2434 NOTTAWAY DR	2431 ACOMA CIR	0.070	10H41	B5
882	MINING BROOK RD	84 NEWTOWN RD	84 NEWTOWN RD	0.650	8J13	G4
2425	MINK CT	2424 TOKOCHI ST	END	0.040	10H41	B6
2467	MINNICONJOU DR	2462 SUSQUEHANA DR	END	0.380	10H41	C3
359	MIRA LOMA DR	360 ALHAMBRA DR	END	1.090	8J11	B8
9	MISSOURI FLAT RD	2 GREEN VALLEY RD	SH049	3.440	8J12	D4
1867	MISSOURI ST	SH049	END	0.130	8J12	F8
2443	MIZTEC CT	2391 MANDAN ST	END	0.050	10H41	A8
2442	MIZTEC ST	2441 OJIBWA ST	2391 MANDAN ST	0.240	9H45	K10
514	MODOC CT	513 SANDPIPER WAY	END	0.040	7J15	J7
2019	MODOC WAY	2090 ARROWHEAD AVE	END	0.350	9H45	H10
2018	MOHAWK ST	2024 HOPI AVE	END	0.180	9H45	H10
2155	MOHICAN DR	2153 IROQUOIS CIR	2016 APACHE AVE	0.630	9H45	J10
2094	MOJAVE ST	2089 TOMAHAWK LN	2090 ARROWHEAD AVE	0.080	9H45	J8
535	MOLINER DR	533 PERLETT DR	563 CATAWBA DR	0.210	8J11	B8
1785	MONA DR	1781 PRESCOTT AVE	1781 PRESCOTT AVE	0.140	8J13	C1
192	MONITOR RD	SH049	END	1.620	08J	D4
311	MONTCLAIR RD	306 CAMBRIDGE RD	315 KNOLLWOOD DR	0.680	8J11	B1
2711	MONTE VERDE DR	18 LATROBE RD	34 WHITE ROCK RD	0.480	7J25	D3
1740	MONTE VISTA DR	1738 VERDE ROBLES DR	END	0.020	8J13	J3
1740A	MONTE VISTA DR	END/PVMT CHG	END/BULB	0.200	8J13	J3
365	MONTEBELLO WAY	360 ALHAMBRA DR	366 LA CIENEGA WAY	0.320	8J11	B7
556	MONTERO RD	554 CASTANA DR	572 COVELLO CIR	0.460	7J25	J1
1068	MONTRIDGE CT	1026B MONTRIDGE WAY	END	0.070	7J25	B1
1026	MONTRIDGE WAY	257 POWERS DR	END	0.780	7J25	B1
537	MONUKKA DR	359 MIRA LOMA DR	END	0.060	8J11	C8
1036	MOONSTONE CIR	256 RIDGEVIEW DR	256 RIDGEVIEW DR	0.460	7J15	B9
2793	MOREL WAY	1062 LIFE WAY	END/BULB	0.280	8J12	D5
2219	MORGAN CT	2216 MORMAN ISLAND DR	END	0.150	7J15	A6
91	MORMON EMIGRANT TRL	90 SLY PARK RD	8091 MORMAN EMIGRANT TRL	0.900	8J15	C4

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2216	MORMON ISLAND DR	2709 BRITTANY WAY	2 GREEN VALLEY RD	0.980	7J15	A6
2747	MORNINGVIEW WAY	1976 ABERDEEN LN	1976 ABERDEEN LN	0.400	7J15	E6
2106	MORTON DR	169 SOUTH UPPER TRUCKEE	END	0.130	9H55	H3
224	MOSQUITO CUTOFF RD	60 MOSQUITO RD	108 ROCK CREEK RD	1.000	8H53	E5
60	MOSQUITO RD	CITY OF PLACERVILLE	URBAN LIMIT	0.730	8J13	B1
60	MOSQUITO RD	URBAN LIMIT	2600 UNION RIDGE RD	0.950	8J13	B1
60	MOSQUITO RD	2600 UNION RIDGE RD	108 ROCK CREEK RD	6.630	8H53	C10
60	MOSQUITO RD	108 ROCK CREEK RD	8023 SAND MOUNTAIN BLVD	8.580	8H53	G5
588	MOSSRIDGE WAY	257 POWERS DR	1150 MUSE DR	0.090	7J15	B9
1986	MOSSVIEW PL	2627 FALKIRK WAY	END	0.030	7J15	C7
240	MOTHER LODE DR	17 SOUTH SHINGLE RD	9 MISSOURI FLAT RD	6.750	8J11	A10
1123	MOUNT VIEW CT	529 HILLCREST DR	END	0.070	7J15	K8
2268	MOUNTAIN CANARY DR	2267 ECHO VIEW DR	END	0.250	9H45	H5
1493A	MOUNTAIN DR	SH089	1493B MOUNTAIN DR	0.310	9H24	H8
1493B	MOUNTAIN DR	1493A MOUNTAIN DR	END	0.100	9H24	H8
1208	MOUNTAIN LAKE DR	1202 LAKE RIDGE DR	END	0.040	8J15	D2
2292	MOUNTAIN MEADOW DR	2210 VIEW CIR	END	0.490	9H45	G6
2296	MOUNTAIN PASS LN	2293 MT DIABLO DR	2297 MT OLYMPIA CIR	0.050	9H45	G6
2348	MOUNTAIN TROUT DR	2210 VIEW CIR	END	0.150	9H45	G6
1704	MOUNTAIN VIEW CT	1702 ROMER BLVD	END	0.050	8H55	C8
1711	MOUNTAIN VIEW DR	1710 PONDEROSA WAY	END	0.140	8J14	D2
78	MT AUKUM RD	AMADOR COUNTY	77 PLEASANT VALLEY RD	12.390	8J14	D10
1156	MT CASEY CT	247 MUIR WOODS DR	END	0.030	7J25	C1
156	MT DANAHER RD	25 PONY EXPRESS TRL	8040 MT DANAHER RD	0.320	8J14	D1
2293	MT DIABLO CIR	2294 MT RAINIER DR (S)	2294 MT RAINIER DR (N)	0.630	9H45	F6
75	MT MURPHY RD	SH049	76 MARSHALL RD	3.880	8H42	B4
2297	MT OLYMPIA CIR	2294 MT RAINIER DR (S)	2294 MT RAINIER DR (N)	0.470	9H45	F6
1918	MT PLEASANT DR	100 GRIZZLY FLAT RD	END	1.020	08J	J4
2294	MT RAINIER DR	159 NORTH UPPER TRUCKEE RD	2204 LAKE TAHOE BLVD	0.610	9H45	F6
248	MT RAINIER WAY	246 MESA VERDES DR	247 MUIR WOODS DR	0.340	7J15	C1
1592	MT RALSTON DR	1590 SIERRA PINES RD	SH050	0.410	09H	H9
2295	MT SHASTA CIR	2294 MT RAINIER DR	2294 MT RAINIER DR	0.770	9H45	F6
1999	MUIR LN	2003 MEADOW CREST DR	2002 CHINQUAPIN DR	0.080	10H31	D10
400	MUIR WOODS CT	247 MUIR WOODS DR	END	0.030	7J15	C10
247	MUIR WOODS DR	246 MESA VERDES DR	255 WILSON BLVD	0.230	7J15	C1
2736	MUIRFIELD CT	2699 BRIDGEPORT DR	END	0.100	8J11	C8
2120	MULBERRY DR	2121 CORNELIAN DR	END	0.140	9H45	H10
2207	MULE DEER CIR	2204 LAKE TAHOE BLVD	2204 LAKE TAHOE BLVD	0.550	9H45	F5
2728	MURRAY CT	1976 ABERDEEN LN	END	0.070	7J15	D6
620	MURRELL PL	619 NORTHAM WAY	END	0.060	7J15	D8
1150	MUSE DR	257 POWERS DR	256 RIDGEVIEW DR	0.370	7J15	B10
2481	MUSGRAVE CT	2416 MARSHALL TRL	END	0.040	10H41	D2
604	MUSGRAVE PL	603 BUSSELTON WAY	END	0.100	7J15	C8
2384	MUSHOGEE ST	2383 CHILICOTHE ST	END	0.100	9H45	G8
2437	MUSKWAKI DR	END	END	0.560	10H41	B3
2428	NADOWA ST	2426 WASHOAN BLVD	URBAN LIMIT	0.170	10H41	B5
2428	NADOWA ST	URBAN LIMIT	END	0.280	10H41	B5
2493	NAHANE DR	169 SOUTH UPPER TRUCKEE RD	2497 WAILAKI ST	0.650	9H45	G10
1793	NANTUCKET CT	319 WOODLEIGH LN	END	0.080	7J15	K9
2185	NARRAGANSETT CIR	2016 APACHE AVE	2016 APACHE AVE	0.270	9H45	K10

ROAD NUMBER	ROAD NAME	FROM (NUMBER AND NAME)	TO (NUMBER AND NAME)	LENGTH MILES	MAP NUMBER	MAP COORDINATE
2118	NAVAHOE DR	SH050	2115 CHIMNEY WAY	0.320	9H45	H10
384	NAVION CT	207 FAIRWAY DR	END	0.100	8J11	B9
2730	NAWAL DR	1976 ABERDEEN LN	1976 ABERDEEN LN	0.290	7J15	E6
617	NETHERDALE WAY	605 BRISBANE CIR	2347 SILVA VALLEY PKY	0.040	7J15	D8
442	NEW YORK CREEK CT	431 TIMBRLINE RIDGE DR	END	0.100	7J15	C5
2570	NEWBERRY CT	2554 CARNELIAN CIR	END	0.040	7J15	C4
84	NEWTOWN RD	127 BROADWAY	77 PLEASANT VALLEY RD	6.000	8J13	A5
2280	NEZ PERCE DR	END	2284 KIOWA DR	0.770	9H45	F10
1543	NINTH AVE	1548 PINE ST	END	0.740	9H24	G2
373	NORA LN	370 LA CRESCENTA DR	END	0.040	8J11	B7
1731	NORMAN WAY	1720 ROOSEVELT AVE	89 CARSON RD	0.080	8J14	C2
625	NORMANTON PL	605 BRISBANE CIR	END	0.040	7J15	D8
2380	NORMUK ST	2252A WEST SAN BERNARDINO AVE	END	0.420	9H45	G10
1872	NORTH ALY	1875 MC HATTEN ALY	END	0.060	8J12	J7
120	NORTH CANYON RD	89 CARSON RD	1334 LARSEN DR	4.260	8J13	G1
2010	NORTH CIRCLE DR	30 FOWLER LN	8527 NORTH CIRCLE DR	0.420	8J12	J8
1416	NORTH LN	1415 VICTORIA DR	2028 MEEKS BAY AVE	0.130	9H24	H8
6	NORTH SHINGLE RD	5 PONDEROSA RD	2 GREEN VALLEY RD	3.970	8J11	G1
1866	NORTH ST	1861 ORIENTAL ST	132 FORNI RD	0.280	8J12	F9
2136	NORTH ST	25 PONY EXPRESS TRL	1690 PINE ST	0.170	8H55	C9
2753	NORTH STAR DR	240 MOTHER LODE DR	END	0.050	8J21	H1
159	NORTH UPPER TRUCKEE RD	SH050	2204 LAKE TAHOE BLVD	2.320	9H45	G10
159	NORTH UPPER TRUCKEE RD	2204 LAKE TAHOE BLVD	END	0.140	9H45	G6
618	NORTHAM PL	605 BRISBANE CIR	END	0.030	7J15	D8
619	NORTHAM WAY	605 BRISBANE CIR	621 PEMBERTON WAY	0.190	7J15	D8
2041	NORTHRIDGE DR	2042 GLENRIDGE PKY	END	0.290	9H24	H5
2547	NORWICH PL	2541 SHEFFIELD DR	END	0.110	7J15	C3
2434	NOTTAWAY DR	2426 WASHOAN BLVD	END	0.340	10H41	B5
1116	OAK CREEK CT	39 SALMON FALLS RD	END	0.150	7J15	C5
31	OAK HILL RD	77 PLEASANT VALLEY RD	END	3.670	8J13	C10
1528	OAK ST	1545 TENTH AVE	1539 SEVENTH AVE	0.170	9H24	G3
1536	OAK ST	1523 FOURTH AVE	NF BDRY	0.130	9H24	H3
1681	OAK ST	25 PONY EXPRESS TRL	8048 NO NAME	0.110	8H55	C9
428	OAK TREE CIR	423 EMBARCADERO DR	429 SUTTER CREEK DR	0.250	7J15	C5
528	OAKLEAF DR	306 CAMBRIDGE RD	529 HILLCREST DR	0.240	7J15	K8
321	OAKWOOD RD	315 KNOLLWOOD DR	308 CHELSEA RD	0.520	7J15	K10
2378	OAXACO ST	2377 SHAWNEE ST	END	0.280	9H45	G10
548	OCASO CT	545 PLACITAS DR	END	0.040	7J25	K1
29	ODD FELLOWS RD	SH049	28 LIME KILN RD	0.140	8J12	J7
2759	OESTE CT	2760 VENTANA LN	END	0.070	7J15	K9
2698	OESTE LN	319 WOODLEIGH LN	2759 OESTE CT	0.050	7J15	K9
2519	OFLYNG DR	2516 SOUTHERN PINES	114 PIONEER TRL	0.780	9H45	J8
2445	OGLALA CT	2391 MANDAN ST	END	0.080	10H41	A8
2446	OGLALA ST	2391 MANDAN ST	2450 CHIBCHA ST	0.290	10H41	A8
2441	OJIBWA ST	2391 MANDAN ST	END	0.220	9H45	K10
1001	OLD BASS LAKE RD	4 BASS LAKE RD	END	0.330	7J25	G1
146	OLD DEPOT CT	140 OLD DEPOT RD	END	0.020	8J12	H6
140	OLD DEPOT RD	9 MISSOURI FLAT RD	END	0.090	8J12	H6
12	OLD FRENCH TOWN RD	13 FRENCH CREEK RD	240 MOTHER LODE DR	2.740	8J12	B10
2007	OLD OUTINGDALE RD	78 MT AUKUM RD	END	0.150	08J	F4

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2256	OLD RUBICON RD	PLA CO	PLACER CO	0.010	9H24	F2
2805	OLD WHITE ROCK RD	34 WHITE ROCK RD	END	0.310	7J25	E2
197	OLSON LN	219 EL DORADO HILLS BLVD	1036 MOONSTONE CIR	0.310	7J15	C9
254	OLYMPIC CT	246 MESA VERDES DR	END	0.060	7J25	C1
2477	OMAHA ST	2426 WASHOAN BLVD	2438 ONNONTIOGA ST	0.050	10H41	B5
35	OMO RANCH RD	78 MT AUKUM RD	AMADOR CO	18.320	08J	F5
2451	ONEIDAS ST	114 PIONEER TRL	8189 NO NAME	0.180	10H41	A8
2438	ONNONTIOGA ST	2434 NOTTAWAY DR	2437 MUSKWAKI DR	0.780	10H41	B5
1049	ONYX TRL	90 SLY PARK RD	1050 TOPAZ DR	1.070	8H55	D10
1043	OPAL TRL	1042 GOLD RIDGE TRL	1049 ONYX TRL	0.570	8J15	D1
2743	ORCHID SHADE DR	2675 SUMMER DR	2678 PURPLE MARTIN DR	0.320	7J15	K10
2812	ORE CART CT	HOLLOW OAK DR	END	0.110	7J15	K3
1861	ORIENTAL ST	77 PLEASANT VALLEY RD	END	0.230	8J12	F8
344	ORINDA CIR	206 SUDBURY RD (S)	206 SUDBURY RD (N)	0.410	8J11	C10
2127	ORIOLE DR	SH050	SH050	0.090	09H	E10
981	ORION DR	980 SUNLIGHT DR	898 PATTERSON DR	0.160	8J12	H9
1895	ORLEANS ST	1881 CHURCH ST	1890 SOUTH ST	0.130	8H42	G2
1353	ORMSBY DR	1351 BLACK BART AVE	1351 BLACK BART AVE	0.270	10H41	D1
2788	OROFINO DR	2710 CONCORDIA DR (N)	2710 CONCORDIA DR (S)	0.220	7J25	D3
2394	OSAGE CIR	2393 ARIKAWA ST	2393 ARIKAWA ST	0.440	10H41	A10
331	OSBORNE RD	306 CAMBRIDGE RD	316 MILLBRAE RD	0.350	8J11	A10
2387	OTOMITES ST	159 NORTH UPPER TRUCKEE RD	END	0.350	9H45	G10
2116	OTTAWA CT	2016 APACHE AVE	END	0.050	9H45	J10
2117	OTTAWA DR	2016 APACHE AVE	2016 APACHE AVE	0.400	9H45	J10
2364	OUTER LIMITS LN	SH050	END	0.140	8H55	G9
79	OUTINGDALE RD	78 MT AUKUM RD	2006 VACATION BLVD	1.490	08J	F4
2695	OUTRIGGER CT	2050 OUTRIGGER DR	END	0.090	7J15	A4
2050	OUTRIGGER DR	2049 LAKECREST DR	END	0.260	7J15	A4
2050	OUTRIGGER DR	END	2050 OUTRIGGER DR	0.470	7J15	A4
353	OXFORD CT	351 OXFORD RD	END	0.070	8J11	C9
351	OXFORD RD	306 CAMBRIDGE RD	200 CAMERON PARK DR	0.680	8J11	B9
351	OXFORD RD	200 CAMERON PARK DR	206 SUDBURY RD	0.130	8J11	C9
268	PACHECO CT	262 STANFORD LN	END	0.060	7J15	C8
2217	PALAMINO CT	2216 MORMON ISLAND DR	END	0.050	7J15	A6
424	PALMER DR	200 CAMERON PARK DR	END	0.530	8J21	D1
426	PALMERO CIR	424 PALMER DR	END	0.090	8J21	D1
440	PALOS VERDE CT	427 DOWNIEVILLE DR	END	0.040	7J15	C6
2507	PANHANDLE CT	2506 GOLD DUST TRL	END	0.050	10H41	C2
2429	PANKA ST	END	URBAN LIMIT	0.140	10H41	B3
2429	PANKA ST	URBAN LIMIT	2470 KOYUKON DR	0.020	10H41	B3
2033	PANNING WAY	1 MIDDLETOWN RD	1 MIDDLETOWN RD	0.200	8J12	H2
1834	PANORAMA CT	1835 PANORAMA RD	END	0.060	8J12	F7
2372	PANORAMA CT	169 SOUTH UPPER TRUCKEE	END	0.050	9H55	H2
1835	PANORAMA DR	130 BLANCHARD RD (S)	130 BLANCHARD RD (N)	0.650	8J12	F7
2309	PANORAMA DR	169 SOUTH UPPER TRUCKEE	169 SOUTH UPPER TRUCKEE	0.750	9H55	H2
1034	PARDEE CT	271 GOVERNOR DR	END	0.050	7J15	C9
88	PARK CREEK RD	90 SLY PARK RD	8091 MORMON EMIGRANT TRL	7.150	8H55	E10
214	PARK DR	233 LASSEN LN	END	0.700	7J25	C1
1200	PARK WOODS DR	90 SLY PARK RD	END	0.690	8J15	D1
512	PARKDALE LN	4 BASS LAKE RD	516 GATEWAY DR	0.220	7J15	J7

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1908	PARKSIDE CT	1907 PARKSIDE DR	END	0.120	08J	K4
1907	PARKSIDE DR	1904 WINDING WAY	1904 WINDING WAY	0.590	08J	K4
2733	PASADA CT	394 WILKINSON RD	END	0.050	8J11	A9
398	PASADA RD	306 CAMBRIDGE RD	394 WILKINSON RD	0.470	8J11	A9
897	PATTERSON CT	898 PATTERSON DR	END	0.040	8J12	H8
898	PATTERSON DR	SH049	END	1.420	8J12	G8
259	PATTERSON WAY	256 RIDGEVIEW DR	256 RIDGEVIEW DR	0.690	7J15	B10
2140	PAUL BUNYON RD	SH050	END	0.050	8J13	H2
577	PAVONIA CT	575 ABRIJO RD	END	0.030	7J25	J1
2143	PAWNEE DR	2154 CHIPPEWA ST	2153 IROQUOIS CIR	0.230	9H45	K10
2679	PEACH SPRUCE DR	2675 SUMMER DR	2743 ORCHID SHADE DR	0.170	7J15	J9
2111	PEARL PL	2110 RACQUET WAY	77 PLEASANT VALLEY RD	0.260	8J12	J7
1057	PEARL RD	1053 GARNET RD	END	0.520	8J15	E1
167A	PEAVINE RIDGE RD	SH050	SH050	0.500	8H55	H9
167B	PEAVINE RIDGE RD	11N35(USFS) VLECK CREEK RD	END	0.720	09H	A10
2263	PEBBLE BEACH DR	2265 THUNDERBIRD DR	2535 ELKS CLUB DR	0.740	9H45	J8
117	PEDRO HILL RD	39 SALMON FALLS RD	SH049 COLOMA RD	2.000	8H51	A1
188	PEGGY LN	187 UPLANDS DR	187 UPLANDS DR	0.270	7J15	D5
621	PEMBERTON WAY	605 BRISBANE CIR	END	0.090	7J15	C8
278	PENDLETON DR	273 TAM O SHANTER DR	2161 FRANCISCO DR	0.410	7J15	C6
990	PENNYROYAL DR	999 SIERRA SPRINGS DR	END	0.320	8J14	J6
72	PENOBSCOT RD	SH193	END	1.000	8H41	F3
2410	PEPPERWOOD TRL	2408 HIGH MEADOW TRL	END	0.030	10H41	E2
911	PERCH CT	909 DOLLY VARDEN LN	END	0.120	8J15	B4
596	PERIDOT DR	2 GREEN VALLEY RD	END	0.150	7J15	K6
270	PERKINS CT	262 STANFORD LN	END	0.090	7J15	C8
2231	PERKS CT	9 MISSOURI FLAT RD	END	0.230	8J12	G5
533	PERLETT DR	361 VIRADA DR	359 MIRA LOMA DR	0.270	8J11	B8
98	PERRY CREEK RD	106 FAIRPLAY RD	106 FAIRPLAY RD	4.140	08J	F4
1030	PHILLIP CT	197 OLSON LN	END	0.050	7J15	C9
1854	PHILLIPS HEIGHTS AVE	1851 ALPINE AVE	END	0.110	9H55	C3
1782	PIERCE CT	1781 PRESCOTT AVE	END	0.040	8J13	C1
2289	PIMA ST	2282 WINTOON DR	2277 MEWUK DR	0.220	9H45	F8
1741	PINA AVE	1734 CAMINO HEIGHTS DR	END	0.050	8J13	J2
1203	PINE CONE DR	90 SLY PARK RD	1200 PARK WOODS DR	0.640	8J15	D2
2165	PINE CONE DR	2125 KYBURZ DR	END	0.140	09H	E10
1204	PINE FOREST DR	1203 PINE CONE DR	1200 PARK WOODS DR	0.300	8J15	D1
1959	PINE RIDGE CT	1958 PINE RIDGE DR	END	0.090	08J	J4
1958	PINE RIDGE DR	100 GRIZZLY FLAT RD	1951 BLUE MOUNTAIN DR	0.840	08J	J4
1548	PINE ST	2171 LEWIS AVE	1544 ELM ST	0.200	9H24	F2
1548	PINE ST	1545 TENTH AVE	SH089	0.310	9H24	F2
1690	PINE ST	END(STELLAR LN)	1691 WILLOW ST	0.430	8H55	B9
2192	PINE VALLEY RD	2423 HEPKA DR	END	0.390	10H41	B6
1925	PINEHAVEN DR	1913 TYLER DR	END	0.060	08J	K3
2123	PINEWOOD DR	2120 MULBERRY DR	2349 ELMWOOD DR	0.200	9H45	J10
1007	PINON RD	5 PONDEROSA RD	END	0.410	8J11	F5
2716	PINTAIL CT	2706 JASMINE CIR	END	0.080	7J15	J9
1956	PIONEER CT	1952 PIONEER DR	END	0.030	08J	J4
1952	PIONEER DR	1951 BLUE MOUNTAIN DR	1951 BLUE MOUNTAIN DR	0.360	08J	J4
69	PIONEER HILL RD	84 NEWTON RD	END	0.390	8J13	J5

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114	PIONEER TRL	SH050	CITY OF SOUTH LAKE TAHOE	5.220	9H45	J8
383	PIPER CT	207 FAIRWAY DR	END	0.070	8J11	B9
2526	PIPIL CT	2525 ATROARI ST	END	0.030	10H41	A8
2092	PIUTE ST	2089 TOMAHAWK LN	2090 ARROWHEAD AVE	0.180	9H45	H8
1891	PLACER ST	1896 GREENWOOD RD	1893 MAIN ST	0.170	8H42	F2
2187	PLACER ST	2365 ANTELOPE WAY	PLACER CO	0.350	9H24	G2
545	PLACITAS DR	198 COUNTRY CLUB DR	572 COVELLO CIR	0.350	7J25	J1
2163	PLANETA WAY	2159 GUADALUPE DR	END	0.240	7J15	B2
2486	PLATEAU CIR	2488 COUGAR TRL	2487 CATTLEMANS TRL	0.720	10H41	D1
2712	PLATEAU CIR	394 WILKINSON RD	394 WILKINSON RD	0.290	7J15	K8
1108	PLATT CIR	1108 PLATT CIR	END/BULB	0.970	7J25	C2
2530	PLAYER CT	2527 PLAYER DR	END	0.040	10H41	A7
2527	PLAYER DR	114 PIONEER TRL	114 PIONEER TRL	0.350	10H41	A7
77	PLEASANT VALLEY RD	240 MOTHER LODE DR	SH049 (EL DORADO)	1.270	8J12	D9
77	PLEASANT VALLEY RD	SH049 (FOWLER LN)	78 MT AUKUM RD	9.520	8J12	A7
77A	PLEASANT VALLEY RD	240 MOTHER LODE DR	77 PLEASANT VALLEY RD	0.030	8J12	D9
157	PLEASANT VLY GRANGE RD	77 PLEASANT VALLEY RD	END	0.160	8J14	C7
2151	PLUMAS CIR	2016 APACHE AVE	END	0.390	9H45	K10
1138	PLUMLEY CT	1136 HENSLEY CIR	END	0.020	7J15	B7
1794	POINT WEST CT	319 WOODLEIGH LN	END	0.040	7J15	K9
1695	POLARIS ST	25 PONY EXPRESS TRL	(1690)PINE ST	0.210	8H55	B9
1695	POLARIS ST	(1690)PINE ST	END	0.130	8H55	B9
1682	POLLOCK AVE	1683 SCHOOL ST	1681 OAK ST	0.190	8H55	B9
524	POMO CT	506 ROLLS RD	END	0.060	8J11	A8
2453	POMO ST	SH050	SH089	0.260	9H45	H9
2453	POMO ST	SH089	END	0.080	9H45	H10
2478	PONCA ST	2194 BOREN WAY	2194 BOREN WAY	0.160	10H41	B6
5	PONDEROSA RD	SH050	2 GREEN VALLEY RD	3.640	8J11	F10
5	PONDEROSA RD	2 GREEN VALLEY RD	END	0.400	8J11	F4
1710	PONDEROSA WAY	89 CARSON RD	156 MT DANAHER RD	0.370	8J14	D2
2820	PONDOROADO RD	GOLDEN CHAIN RD	END	0.060	8J13	J2
425	PONTE MORINO DR	424 PALMER DR	END	0.100	8J21	D1
25	PONY EXPRESS TRL	89 CARSON RD	90 SLY PARK RD	5.470	8J14	D1
25	PONY EXPRESS TRL	90 SLY PARK RD	END (GATE)	1.110	8H55	C9
2276	POOEWIN ST	159 NORTH UPPER TRUCKEE RD	END	0.290	9H45	G10
2276B	POOEWIN ST	2277 MEWUK DR	END	0.040	9H45	F10
1540	POPLAR ST	1541 EIGHTH AVE	1539 SEVENTH AVE	0.060	9H24	G3
2773	POPPY CT	995 BUTTERCUP DR	END	0.050	8J14	J5
994	POPPY RD	999 SIERRA SPRINGS DR	995 BUTTERCUP DR	0.170	8J14	J6
2371	PORTAL DR	169 SOUTH UPPER TRUCKEE RD	SH089	0.170	9H55	H3
396	PORTILLO CT	395 GRANADA DR	END	0.100	8J11	A9
1985	PORTOBELLO PL	2627 FALKIRK WAY	END	0.050	7J15	C7
2563	PORTSMOUTH DR	2557 AMHERST WAY	2554 CARNELIAN CIR	0.540	7J15	B4
2533	POWAY CT	2250 BAKERSFIELD ST	END	0.040	9H45	H8
1025	POWERS CT	257 POWERS DR	END	0.030	7J25	C1
257	POWERS DR	256 RIDGEVIEW DR	END	1.230	7J15	B1
2738	PRAIRIE FALCON CT	2675 SUMMER DR	END	0.030	7J15	J9
2674	PRAIRIE FALCON DR	2678 PURPLE MARTIN RD	2675 SUMMER DR	0.160	7J15	J9
1781	PRESCOTT AVE	60 MOSQUITO RD	CITY OF PLACERVILLE	0.330	8J13	C1
2681	PRESTWICK DR	2680 WINDSOR POINT PL	2112 SCHOONER DR	0.100	7J15	B5

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2684	PRINCE MARK CT	2216 MORMON ISLAND DR	END	0.050	7J15	B6
2696	PRINCESS HELEN CT	2216 MORMAN ISLAND DR	END	0.110	7J15	A6
538	PRINCETON CT	529 HILLCREST DR	END	0.030	8J11	A8
1084	PRODUCT DR	165 DUROCK RD	END	0.580	8J21	E2
2509	PROSPECTOR TRL	2499 GOLDEN BEAR TRL	END	0.400	10H41	B2
37	PROSPECTORS RD	76 MARSHALL RD	76 MARSHALL RD	2.690	8H42	A1
2242	PROUTY LN	89 CARSON RD	END	0.130	8J14	D2
2020	PUEBLO ST	2016 APACHE AVE	2091 WASHOE ST	0.070	9H45	H10
2758	PURPLE MARTIN CT	2743 ORCHID SHADE DR	END	0.060	7J15	K9
2678	PURPLE MARTIN RD	2651 TEA ROSE DR	2743 ORCHID SHADE DR	0.110	7J15	J9
2298	PYRAMID CIR	2294 MT RAINIER DR	2294 MT RAINIER DR	0.350	9H45	F6
2299	PYRAMID CT	2298 PYRAMID CIR	END	0.050	9H45	F7
2750	QUAMASH WAY	319 WOODLEIGH LN	END/PVMT CHG	0.050	7J15	J8
27	QUARRY RD	26 BIG CUT RD	86 CEDAR RAVINE RD	1.660	8J13	B7
195	QUARTZ DR	196 CRYSTAL BLVD	END	1.260	08J	D3
2336	QUARTZ ST	2323 ALICE LAKE RD	END	0.030	10H41	E1
409	QUEEN ANNE CT	292 CROWN DR	END	0.060	7J15	B7
2683	QUEEN ELAINE CT	2216 MORMAN ISLAND DR	END	0.100	7J15	A6
405	QUEEN MARY CT	299 KING EDWARD DR	END	0.050	7J15	B7
406	QUEEN VICTORIA CT	299 KING EDWARD DR	END	0.040	7J15	B7
1085	QUEST CT	1084 PRODUCT DR	END	0.080	8J21	F2
1916	QUIETWOOD DR	124 SCIARONI RD	1913 TYLER DR	0.090	08J	K3
2389	QUINANETZIN ST	2390 YUCATAN ST	2387 OTOMITES ST	0.100	9H45	G10
378	RABEN WAY	375 CHASEN DR	135 MEDER RD	0.310	8J11	D9
1058	RACCOON TRL	2067 HAZEL ST	END	0.030	8H55	C10
2110	RACQUET WAY	77 PLEASANT VALLEY RD	END	0.140	8J12	J7
182	RAINBOW TRL	90 SLY PARK RD	END	0.510	8J15	B4
2571	RALEIGH WAY	2563 PORTSMOUTH DR	2554 CARNELIAN CIR	0.330	7J15	C4
2259	RAMON CT	2034 LOMA VERDE DR	END	0.120	7J15	C3
1995	RAMPART CT	1994 CASTLEWOOD CIR	END	0.080	8H55	D9
1792	RANCHO TIERRA CT	319 WOODLEIGH LN	END	0.030	7J15	K9
1792	RANCHO TIERRA CT	END	END	0.110	7J15	K9
616	RANKEN PL	605 BRISBANE CIR	END	0.080	7J15	D8
40	RATTLESNAKE BAR RD	SH049	END	8.800	7H55	B7
629	RAVENSHOE WAY	626 CLERMONT WAY	END	0.120	7J15	D9
322	RAVENWOOD LN	308 CHELSEA RD	END	0.140	7J15	K1
1023	REDDICK CT	260 REDDICK WAY	END	0.090	7J15	C10
260	REDDICK WAY	259 PATTERSON WAY	END	0.190	7J15	C10
2131	REDWING DR	2130 SILVER FORK RD	END	0.120	09H	E10
2729	REEM CT	1976 ABERDEEN LN	END	0.100	7J15	E6
2584	REGENCY CT	2580 DANBURY CIR	END	0.030	7J15	C4
2762	REID CT	2763 BEASLEY DR	END	0.040	7J25	J2
2401	REINDEER WAY	2188 SANTA CLAUSE DR	END	0.020	9H55	J1
2409	REMINGTON TRL	2408 HIGH MEADOW TRL	END	0.020	10H41	D2
52	RESERVOIR RD	50 SPANISH DRY DIGGINS RD	END	1.100	8H42	D2
2239	RHODES AVE	2237 LINDBERG AVE	2237 LINDBERG AVE	0.340	8J12	F6
550	RIATA CT	545 PLACITAS DR	END	0.040	7J25	J1
647	RIBIER WAY	563 CATAWBA DR	END	0.180	8J11	C7
647	RIBIER WAY	END	359 MIRA LOMA DR	0.060	8J11	C7
1102	RICCI RD	56 GREENWOOD RD	SH0193	0.210	8H41	J3

ROAD NUMBER	ROAD NAME	FROM (NUMBER AND NAME)	TO (NUMBER AND NAME)	LENGTH MILES	MAP NUMBER	MAP COORDINATE
2132	RICHARD AVE	20 COLD SPRINGS RD	END	0.430	8J12	C1
243	RICHARDSON CIR	239 STONEMAN WAY	239 STONEMAN WAY	0.220	7J15	C8
2245	RIDGE DR	240 MOTHER LODE DR	2246 TULLE LN	0.460	8J11	J1
1151	RIDGEVIEW CT	256 RIDGEVIEW DR	END	0.030	7J15	B9
256	RIDGEVIEW DR	255 WILSON DR	271 GOVERNOR DR	1.740	7J15	B10
1688	RIDGEWAY CT	1992 RIDGEWAY DR	END	0.250	8J14	H1
1992	RIDGEWAY DR	25 PONY EXPRESS TRL	8090 SPLIT BEND RD	3.590	8J14	H1
2782	RIESLING CT	2781 RIESLING WY	END/BULB	0.080	8J11	C7
2781	RIESLING WY	359 MIRA LOMA DR	359 MIRA LOMA DR	0.260	8J11	C7
900	RIFFLES LN	185 LOCH LEVEN DR	901 MACKINAW ST	0.160	8J15	B4
2482	RIMROCK TRL	2416 MARSHALL TRL	2411 WAGON TRAIN TRL	0.250	10H41	D2
158	RINGOLD RD	45 ZANDONNELLA RD	END	0.540	8J13	B8
2148	RITZ RD	122 BLAIR RD	END	0.100	8H54	K10
2166	RIVERVIEW CIR	2125 KYBURZ DR	END	0.040	09H	E10
286	RIVIERA CIR	281 WILLOWDALE DR	281 WILLOWDALE DR	0.370	7J15	C7
1132	ROBERT J MATHEWS PKY	1124 GOLDEN FOOTHILL PKY	1135 INVESTMENT BLVD	0.620	7J25	E5
1697	ROBERT RD	152 GILMORE RD	END	0.150	8H54	H10
2129	ROBIN CIR	2130 SILVER FORK RD	END	0.020	09H	E10
357	ROBIN LN	200 CAMERON PARK DR	END	0.180	8J21	D2
1079	ROBLE CT	1078 LAGO VISTA DR	END	0.080	7J25	C1
628	ROCHHAMPTON PL	626 CLERMONT WAY	END	0.030	7J15	D9
1013	ROCK BARN RD	1100 SHINGLE SPRINGS RD	END	0.560	8J11	H9
108	ROCK CREEK RD	SH193	60 MOSQUITO RD	10.240	8H52	A8
1024	ROCKY RIDGE WAY	257 POWERS DR	258 ROLPH WAY	0.260	7J15	B1
354	RODEO RD	END	356 STROLLING HILLS RD	0.290	8J21	C1
1991	ROLAND CT	90 SLY PARK RD	END	0.120	8H55	C10
627	ROLLESTON PL	626 CLERMONT WAY	END	0.050	7J15	D8
2317	ROLLING CT	2315 ROLLING HILLS DR	END	0.040	8H42	F2
2315	ROLLING HILLS DR	1892 LOWER MAIN ST	SH193	0.400	8H42	F2
2086	ROLLINGWOOD CT	2084 ROLLINGWOOD DR	END	0.070	08J	J3
2084	ROLLINGWOOD DR	879 STRING CANYON RD	879 STRING CANYON RD	0.530	08J	J3
506	ROLLS DR	503 WAVERLY DR	306 CAMBRIDGE RD	0.240	8J11	A8
258	ROLPH WAY	257 POWERS DR	256 RIDGEVIEW DR	0.300	7J15	B1
1702	ROMER BLVD	1686 DEEP HAVEN RD	END	0.310	8H55	C8
2620	ROOKERY PL	2612 FAIRCHILD DR	END	0.120	7J15	C6
1720	ROOSEVELT AVE	33 SNOWS RD	END	0.190	8J14	C2
138	ROSALES ST	556 MONTERO RD	554 CASTANA DR	0.140	7J25	J1
983	ROSE CT	993 COLUMBINE WAY	END	0.110	8J15	A5
1120	ROSEBUD DR	135 MEDER RD	1121 BUENA VISTA DR	0.410	8J11	D9
1811	ROXANA ST	148 BAKER RD	1810 DIANA ST	0.340	8J12	H1
304	ROYAL DR	198 COUNTRY CLUB DR	198 COUNTRY CLUB DR	0.790	8J21	B1
2800	ROYAL OAKS DR	18 LATROBE RD	END	0.970	7J25	F7
501	ROYAL PARK CT	500 ROYAL PARK DR	END	0.030	8J11	B8
500	ROYAL PARK DR	306 CAMBRIDGE RD	371 LA CANADA DR	0.850	8J11	A7
509	ROYCE CT	67 STARBUCK RD	END	0.030	8J11	A6
510	ROYCE DR	67 STARBUCK RD	END	0.320	8J11	A6
510	ROYCE DR	END	370 LA CRESCENTA DR	0.380	8J11	A6
1481	RUBICON DR	SH089	SH089	1.140	9H24	H8
1045	RUBY CT	1044 JADE DR	END	0.040	8H55	D10
1016	RUNNYMEADE DR	8 EL DORADO RD	END	0.310	8J12	E6

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2682	RUSHCLIFFE CT	END	2680 WINDSOR POINT PL	0.120	7J15	B4
41	RUSSELL HOLLOW RD	END	40 RATTLESNAKE BAR	1.390	7H55	E3
303	RUSTIC RD	198 COUNTRY CLUB DR	304 ROYAL DR	0.320	8J21	B1
504	RUTH CT	503 WAVERLY DR	END	0.060	8J11	A8
1096	RYAN CT	1091 RYAN DR	END	0.040	8J12	G8
1091	RYAN DR	SH049/PLEASANT VALLEY RD	1096 RYAN CT	0.150	8J12	G8
339	SABANA DR	203 HACIENDA RD	END	0.100	8J21	D1
1083	SABRE CT	1081 DUNNINGS RD	END	0.060	8J11	G5
2688	SAGAN CT	1020 CRAZY HORSE RD	END	0.070	7J25	J2
212	SAGE DR	207 FAIRWAY DR	END	0.150	8J11	C10
2565	SAILSBURY DR	2567 KENSINGTON DR	2563 PORTSMOUTH DR	0.370	7J15	B4
2189	SAINT NICK WAY	2188 SANTA CLAUS DR	2188 SANTA CLAUS DR	0.340	9H55	J1
390	SALIDA CT	389 SALIDA WAY	END	0.030	8J11	B9
389	SALIDA WAY	351 OXFORD RD	306 CAMBRIDGE RD	0.320	8J11	B9
39A	SALMON FALLS CUTOFF RD	39 SALMON FALLS RD	SH049	0.100	7H45	J10
39	SALMON FALLS RD	2 GREEN VALLEY RD	40 RATTLESNAKE BAR RD	12.050	7J15	C4
908	SALMON WAY	906 SPECKLED RD	END	0.310	8J15	B4
2817	SALT WASH WY	WHISKEY DRIFT DR	END	0.040	7J15	K3
1010	SAMMY CT	1009 SHORTHORN RD	END	0.100	8J11	F5
2813	SAMUEL WY	WHISTLERS BEND WY	HOLLOW OAK DR	0.180	7J15	K3
2254	SAN DIEGO ST	2104 ARAPAHOE ST	2252B EAST SAN BERNARDINO AVE	0.180	9H45	H8
2254	SAN DIEGO ST	2252B EAST SAN BERNARDINO AVE	2250 BAKERSFIELD ST	0.350	9H45	H8
82	SAND RIDGE RD	SH049	99 BUCKS BAR RD	12.010	08J	D4
1990	SANDERS DR	25 PONY EXPRESS TRL	END	0.110	8H55	B9
541	SANDHURST CT	540 SANHURST DR	END	0.050	8J11	A8
540	SANDHURST DR	394 WILKINSON RD	306 CAMBRIDGE RD	0.190	7J15	K8
513	SANDPIPER WAY	512 PARKDALE LN	516 GATEWAY DR	0.420	7J15	J7
1131	SANDSTONE DR	1124 GOLDEN FOOTHILL PKY	END	0.230	7J25	D5
892	SANDY CT	893 JUSTINE AVE	END	0.030	8J12	H8
2188	SANTA CLAUS DR	SH089	2249 BLITZEN DR	0.550	9H55	H1
1071	SANTA CRUZ CT	1026 MONTRIDGE WAY	END	0.070	7J25	C2
2330	SANTA FE RD	SH050	END	0.190	9H45	J10
1076	SANTA MARIA WAY	1075 BARCELONA CT	1074 BARCELONA DR	0.250	7J25	B1
342	SANTOS CIR	206 SUDBURY RD	344 ORINDA CIR	0.530	8J11	C10
343	SANTOS CT	342 SANTOS CIR	END	0.050	8J11	C10
2449	SAPONI ST	2446 OGLALA ST	2451 ONEIDAS ST	0.180	10H41	A8
1037	SAPPHIRE WAY	256 RIDGEVIEW DR	1039 SHELBY CIR	0.270	7J15	B9
358	SARATOGA LN	357 ROBIN LN	END	0.210	8J21	D2
217	SARATOGA WAY	CITY OF FOLSOM	219 EL DORADO HILLS BLVD	1.060	7J25	C2
217	SARATOGA WAY	219 EL DORADO HILLS BLVD	END	0.050	7J25	C2
2230	SATURN DR	2032 LAKEVIEW DR	2228 SUNRISE AVE	0.150	9H24	H7
2202	SAWMILL RD	SH050	2204 LAKE TAHOE BLVD	1.840	9H45	H5
1093	SAWYER CT	1092 GRACE DR	END	0.030	8J12	G8
2138	SCENIC DR	SH089	END	0.550	9H24	H9
2243	SCENIC DR	2245 RIDGE DR	END	0.130	8J11	J10
183	SCHELIN CT	319 WOODLEIGH LN	END	0.090	8J11	A10
1683	SCHOOL ST	25 PONY EXPRESS TRL	END	0.130	8H55	B9
1901	SCHOOL ST	1893 MAIN ST	END	0.120	8H42	G1
2112	SCHOONER DR	2053 MARINA PARK	2161 FRANCISCO DR	0.370	7J15	B4
124	SCIARONI RD	100 GRIZZLY FLAT RD	877 COSUMNES MINE RD	3.200	08J	K3

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2589	SEBASTIAN CT	2567 KENSINGTON DR	END	0.110	7J15	C4
1533	SECOND AVE	1536 OAK ST	END	0.340	9H24	H3
2432	SEMAT CT	END	2431 ACOMA CIR	0.050	10H41	B5
2433	SEMAT ST	2431 ACOMA CIR	2434 NOTTAWAY DR	0.160	10H41	B5
2307	SEMINOLE DR	2016 APACHE AVE	2016 APACHE AVE	0.190	9H45	J10
419	SENATOR CT	271 GOVERNOR DR	END	0.080	7J15	C9
2285	SENECA DR	END	END	0.610	9H45	F7
250	SEQUOIA CT	246 MESA VERDES DR	END	0.050	7J25	C1
1736	SERANO CT	1734 CAMINO HEIGHTS DR	END	0.060	8J13	J3
582	SERNA CT	572 COVELLO CIR	END	0.040	7J25	J1
2344	SERRANO PKY	219 EL DORADO HILLS BLVD	2347 SILVA VALLEY PKY	1.210	7J15	D1
2344	SERRANO PKY	2347 SILVA VALLEY PKY	4 BASS LAKE RD	2.450	7J15	D1
2777	SETON CT	2771 DRUMMOND WAY	END	0.060	8J11	D8
401	SEVEN OAKS CT	2161 FRANCISCO DR	END	0.060	7J15	C6
1539	SEVENTH AVE	1548 PINE ST	END	0.740	9H24	G2
1070	SEVILLE CT	1026 MONTRIDGE WAY	END	0.040	7J25	C1
912	SHAD WAY	906 SPECKLED RD	END	0.270	8J15	B4
2114	SHADOW CT	2124 SHADOW LN	END	0.050	8H54	J10
2124	SHADOW LN	152 GILMORE RD	END	0.170	8H54	J10
220	SHADOWFAX LN	2 GREEN VALLEY RD	END	0.150	7J14	J6
323	SHADY GLEN RD	315 KNOLLWOOD DR	END	0.040	7J15	K10
2439	SHAKORI DR	END	END	0.480	9H45	H9
231	SHASTA CIR	216 ARROWHEAD DR	216 ARROWHEAD DR	0.410	7J25	C1
884	SHAW MINE RD	885 VOLO MINE DR	END	0.030	8J12	H9
520	SHAWNEE CT	516 GATEWAY DR	END	0.070	7J15	K7
2377	SHAWNEE ST	2252A WEST SAN BERNARDINO AVE	END	0.270	9H45	G10
2386	SHEBOYGAN ST	2280 NEZ PERCE DR	2219 KICKAPOO ST	0.060	9H45	G10
2541	SHEFFIELD DR	2161 FRANCISCO DR	2554 CARNELIAN CIR	0.660	7J15	B3
1039	SHELBY CIR	1063 SHELBY CT	1063 SHELBY CT	0.480	7J15	B8
1063	SHELBY CT	1039 SHELBY CIR	END	0.050	7J15	B9
324	SHERIDAN RD	318 KIMBERLY RD	315 KNOLLWOOD DR	0.450	7J25	K1
190	SHERMAN WAY	1618 FOREBAY RD	191 TERRACE DR	0.130	8H55	C8
2790	SHETLAND CT	2789 LIMA CT	END/BULB	0.080	7J15	D6
1972	SHETLAND WAY	1966 HIGHLAND HILLS DR	2789 LIMA CT	0.130	7J15	D6
1100	SHINGLE SPRINGS DR	171 BUCKEYE RD	END	0.910	8J11	J10
166	SHOO FLY RD	SH193	43 SPANISH FLAT RD	3.370	8H52	J2
180	SHORELINE POINTE	2039 LAKE HILLS DR	END	0.040	7J15	C2
2071	SHORT RD	30 FOWLER LN	END	0.130	8J12	J8
1009	SHORTHORN RD	1007 PINON RD	END	0.190	8J11	F5
444	SHORTLIDGE CT	2347 SILVA VALLEY PKY	END	0.080	7J15	C5
2271	SHOSHONE ST	2270 ZUNI ST	END	0.410	9H45	F7
2792	SIENNA RIDGE RD	4 BASS LAKE RD (SOUTH)	4 BASS LAKE RD (NORTH)	0.670	7J15	G10
1742	SIERRA BLANCA DR	SH050	1734 CAMINO HEIGHTS DR	0.180	8J13	J2
1331	SIERRA BLVD	2499 GOLDEN BEAR TRL	END	0.080	10H41	C2
1331A	SIERRA BLVD	CITY OF SOUTH LAKE TAHOE	2052 BARBARA AVE	0.030	10H31	C10
1491	SIERRA DR	SH089	1487 BEACH LN	0.340	9H24	H8
2412	SIERRA HOUSE TRL	2408 HIGH MEADOW TRL	2408 HIGH MEADOW TRL	0.640	10H41	E2
1590	SIERRA PINES RD	SH050	END	0.620	09H	H9
998	SIERRA SPRINGS CT	999 SIERRA SPRINGS DR	END	0.050	8J15	A6
999	SIERRA SPRINGS DR	90 SLY PARK RD	8999 SIERRA SPRINGS DR	1.140	8J14	A6

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2528	SIKES CT	2527 PLAYER DR	END	0.040	10H41	A8
1987	SILKWOOD PL	2627 FALKIRK WAY	END	0.060	7J15	C7
2347	SILVA VALLEY PKY	34 WHITEROCK RD	2344 SERRANO PKY	1.100	7J15	C5
2347	SILVA VALLEY PKY	2344 SERRANO PKY	2 GREEN VALLEY RD	2.980	7J15	C5
2130	SILVER FORK RD	SH050	8071 NO NAME	0.340	09H	E10
2810	SILVER SPRINGS PKWY	END	2 GREEN VALLEY RD	0.840	7J15	G7
2343	SILVERTIP CT	END	END	0.060	9H24	H7
2342	SILVERTIP DR	SH089	2343 SILVERTIP CT	0.150	9H24	H7
2779	SINCLAIR DR	2775 CONNERY DR	2754 CAROUSEL LN	0.320	8J11	D8
2101	SIOUX ST	2016 APACHE AVE	2090 ARROWHEAD AVE	0.310	9H45	H10
2685	SIR ROBERT CT	2216 MORMAN ISLAND DR	END	0.050	7J15	B6
2152	SITKA CIR	2016 APACHE AVE	2016 APACHE AVE	0.270	9H45	K10
1537	SIXTH AVE	1548 PINE ST	END	0.740	9H24	G2
386	SKY CT	385 CESSNA DR	END	0.060	8J11	B9
2521	SKYLINE DR	2520 CRYSTAL AIR DR	END	1.110	9H45	J8
2190	SLEIGH BELL LN	2188 SANTA CLAUS DR	END	0.020	9H55	J1
51	SLIGER MINE RD	SH193	50 SPANISH DRY DIGGINS	2.300	8H31	H1
51	SLIGER MINE RD	50 SPANISH DRY DIGGINS	END	1.700	8H31	H8
223	SLUG GULCH RD	98 PERRY CREEK RD	35 OMO RANCH RD	5.390	08J	G4
90	SLY PARK RD	78 MT AUKUM RD	25 PONY EXPRESS TRL	11.460	8J14	E9
221	SMITH FLAT CEMETERY RD	589 SMITH FLAT RD	END	0.240	8J13	E3
589	SMITH FLAT RD	JACQUIER RD	END	0.510	8J13	E2
590	SMITH FLAT SCHOOL RD	34A SMITH FLAT RD	END	0.440	8J13	E2
1104	SMOKEY MOUNTAIN CIR	1109 ARCHES AVE	1104 SMOKEY MTN CIR	0.360	7J25	C1
2305	SNOW MOUNTAIN DR	2298 PYRAMID CIR	2294 MT RAINIER DR	0.160	9H45	F7
2402	SNOWFLAKE DR	2188 SANTA CLAUSE DR	END	0.040	9H55	J2
33	SNOWS RD	84 NEWTON RD	89 CARSON RD	3.190	8J14	C2
1355	SNOWSHOE THOMPSON	1350 HANK MONK AVE	1352 HORACE GREELY AVE	0.100	10H41	D1
2717	SOHAIR CT	1976A ABERDEEN LN	END	0.080	7J15	D6
325	SOLANO RD	547 CAMEROSA CIR	315 KNOLLWOOD DR	0.120	7J25	K1
2787	SOLARI CT	2710 CONCORDIA DR	END/BULB	0.06	7J25	D3
978	SOLSTICE CIR NO	END	980 SUNLIGHT DR	0.030	8J12	H9
979	SOLSTICE CIR SO	END	898 PATTERSON DR	0.080	8J12	H10
553	SOMBRA CT	547 CAMEROSA CIR	END	0.040	7J25	K1
881	SOMERSET LOOP	78 MT AUKUM RD	78 MT AUKUM RD	0.360	8J14	D9
434	SONORA CT	435 CAMPBELL RANCH DR	END	0.040	7J15	C6
433	SONORA DR	435 CAMPBELL RANCH DR	432 CALAVERAS DR	0.090	7J15	C6
2756	SOPHIA PKWY	2 GREEN VALLEY RD	END(CITY OF FOLSOM)	1.600	7J14	J6
2503	SOURDOUGH TRL	2499 GOLDEN BEAR TRL	2506 GOLD DUST TRL	0.150	10H41	C2
2021	SOUTH LN	1481 RUBICON DR	END	0.020	9H24	J9
2072	SOUTH POINT RD	30 FOWLER LN	END	0.520	8J12	J8
17	SOUTH SHINGLE RD	SAC CO	165 DUROCK RD	11.540	7J35	F6
17	SOUTH SHINGLE RD	165 DUROCK RD	240 MOTHER LODE DR	0.030	8J21	G1
17	SOUTH SHINGLE RD	240 MOTHER LODE DR	SH050	0.050	8J21	G1
1862	SOUTH ST	SH49	1863 CHURCH ST	0.080	8J12	F9
1890	SOUTH ST	1897 HARKNESS ST	SH193	0.260	8H42	G2
169	SOUTH UPPER TRUCKEE RD	SH89	URBAN BDY(0.17 M S OF MEMORY)	1.380	9H55	J5
169	SOUTH UPPER TRUCKEE RD	URBAN BDY(0.17 M S OF MEMORY)	2372 PANORAMA CT - URBAN BDY	1.410	9H55	J4
169	SOUTH UPPER TRUCKEE RD	2372 PANORAMA CT - URBAN BDY	2493 NAHANE DR - URBAN BDY	1.100	9H45	H10
169	SOUTH UPPER TRUCKEE RD	2493 NAHANE DR - URBAN BDY	SH050	0.840	9H45	H9

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2074	SOUTH VIEW DR	102 CAPPS CROSSING RD	END	0.310	08J	K3
2516	SOUTHERN PINES DR	114 PIONEER TRL	2265 THUNDERBIRD DR	0.500	9H45	J7
1069	SOUTHRIDGE CT	1064 CRESTLINE CIR	END	0.060	7J25	B2
50	SPANISH DRY DIGGINS RD	51 SLIGER MINE RD	SH193	3.680	8H	C6
43	SPANISH FLAT RD	SH193	44 TRAVERSE CREEK RD	1.350	8H52	H3
906	SPECKLED RD	910 STEELHEAD LN	182 RAINBOW TRL	0.490	8J15	B4
592	SPINEL CIR	591 TOURMALINE WAY	591 TOURMALINE WAY	0.160	8J11	A7
2818	SPINNING WHEEL CT	HOLLOW OAK DR	END	0.030	7J15	K3
602	SPRINGBURN WAY	603 BUSSELTON WAY	END	0.430	7J15	C8
128	SPRINGER RD	99 BUCKS BAR RD	END	1.940	8J13	A10
22	SPRINGVALE RD	21 LOTUS RD	97 LUNEMAN RD	1.690	8J11	G1
1684	SPRUCE AVE	1689 MANZANITA ST	1685 COX ST	0.270	8H55	B9
648	SPUR RD	647 RIBIER WY	END	0.030	8J11	C8
2180	SQUIRREL HILL DR	2179 WILDROSE DR	END	0.050	08J	J4
272	ST ANDREWS DR	219 EL DORADO HILLS BLVD	605 BRISBANE CIR	0.360	7J15	C8
1117	ST IVES CT	135 MEDER RD	END	0.110	8J11	F10
262	STANFORD LN	261 LATHAM LN	234 WARREN LN	1.040	7J15	B8
67	STARBUCK RD	2 GREEN VALLEY RD	66 DEER VALLEY RD	2.660	7J15	J4
87	STARKES GRADE RD	84 NEWTON RD	90 SLY PARK RD	6.940	8J14	A2
279	STARMOUNT WAY	281 WILLOWDALE DR	278 PENDLETON DR	0.270	7J15	C6
910	STEELHEAD LN	909 DOLLY VARDEN LN	END	0.180	8J15	B4
296	STEPHENS LN	234 WARREN LN	239 STONEMAN WAY	0.160	7J15	C8
2095	STERLING DR	507 BENTLEY DR	510 ROYCE DR	0.250	8J11	A6
521	STERLING WAY	516 GATEWAY RD	306 CAMBRIDGE RD	0.350	7J15	K7
2630	STOCKWOOD CT	2629 STOCKWOOD WAY	END	0.060	7J15	C7
2629	STOCKWOOD WAY	2626 KESWICK DR	2627 FALKIRK WAY	0.150	7J15	C7
227	STONECREST RD	89 CARSON RD	PLACERVILLE CITY LIMITS	0.060	8J13	C2
239	STONEMAN WAY	234 WARREN LN	234 WARREN LN	0.420	7J15	B8
193	STOPE WAY	195 QUARTZ DR	195 QUARTZ DR	1.060	08J	C3
1909	STORYBOOK CT	1907 PARKSIDE DR	END	0.140	08J	K4
2543	STRATFORD CIR	2541SHEFFIELD DR	2541 SHEFFIELD DR	0.260	7J15	B3
2215	STRAWBERRY CT	2214 STRAWBERRY LN	END	0.020	09H	G9
2214	STRAWBERRY LN	SH050	END	0.470	09H	G10
2083	STRING CANYON CT	879 STRING CANYON RD	END	0.060	08J	J4
879	STRING CANYON RD	100 GRIZZLY FLAT RD	124 SCIARONI RD	3.520	08J	J3
356	STROLLING HILLS RD	354 RODEO RD	355 COACH LN	0.120	8J21	D2
341	SUDBURY CT	206 SUDBURY RD	END	0.050	8J11	C10
206	SUDBURY RD	207 FAIRWAY DR	135 MEDER RD	1.630	8J11	C10
1139	SUFFOLK WAY	2767 ELMORES WAY	2709 BRITTANY WAY	0.170	7J15	A7
1139	SUFFOLK WAY	END	1136 HENSLEY CIR	0.030	7J15	B7
997	SUGAR BUSH CIR	999 SIERRA SPRINGS DR	999 SIERRA SPRINGS DR	0.200	8J14	K6
1201	SUGAR PINE DR	1200 PARK WOODS DR	END	0.090	8J15	D1
1924	SUGAR PINE DR	1918 MT PLEASANT DR	1920 WOODRIDGE DR	0.140	08J	J4
2693	SULTANA CT	359 MIRA LOMA DR	END	0.110	8J11	C7
2755	SUMMER CT	2675 SUMMER DR	END	0.070	7J15	K10
2675	SUMMER DR	2706 JASMINE CIR	2743 ORCHID SHADE DR	1.170	7J15	J10
2376	SUMMIT DR	2375 LAMOR CT	END	0.110	9H45	H5
1127	SUNCAST LN	18 LATROBE RD	END	0.580	7J25	D4
155	SUNCREST DR	9 MISSOURI FLAT RD	END	0.140	8J12	F4
2512	SUNDOWN TRL	END	2499 GOLDEN BEAR TRL	0.370	10H41	B2

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1129	SUNGLOW CT	1127 SUNCAST LN	END	0.090	7J25	D4
1520	SUNKEL LN	1511 WILSON AVE	1521 HARRIS AVE	0.050	9H24	H3
980	SUNLIGHT DR	898 PATTERSON DR	979 SOLSTICE DR	0.420	8J12	H9
2043	SUNNYVIEW DR	2042 GLENRIDGE PKY	2044 CRESTVIEW CT	0.490	9H24	H5
2228	SUNRISE AVE	2227 LAKERIDGE DR	END	0.270	9H24	H7
2229	SUNRISE CT	2228 SUNRISE AVE	END	0.270	9H24	H7
1011A	SUNSET LN	17 SOUTH SHINGLE RD	240 MOTHER LODE DR	0.360	8J21	G1
1011B	SUNSET LN	240 MOTHER LODE DR	END	0.070	8J21	G1
1333	SUPERIOR DR	1332 CRYSTAL SPRINGS RD	END	0.130	8J14	E1
320	SURRY LN	319 WOODLEIGH LN	END	0.120	8J11	B10
2462	SUSQUEHANA DR	114 PIONEER TRL	END	0.630	10H41	C3
430	SUTTER CREEK CT	429 SUTTER CREEK DR	END	0.030	7J15	C6
429	SUTTER CREEK DR	423 EMBARCADERO DR	423 EMBARCADERO DR	0.280	7J15	C5
2415	SUTTER TRL	2412 SIERRA HOUSE TRL	END	0.440	10H41	E2
105	SWEENEY RD	100 GRIZZLY FLAT RD	80 HAPPY VALLEY RD	4.110	08J	H3
2025	SWEETWATER CT	2030 SWEETWATER DR	END	0.130	9H24	H7
2030	SWEETWATER DR	2029 BAYVIEW DR	2026 COVE WAY	0.310	9H24	H7
1040	TABARI CT	1039 SHELBY CIR	END	0.040	7J15	B8
2476	TABIRA CT	2426 WASHOAN BLVD	END	0.110	10H41	B3
642	TAH NEE WAY	1103 HARVARD WAY	END	0.160	7J15	D9
2203	TAHOE MOUNTAIN RD	2204 LAKE TAHOE BLVD	2331 FOREST MNT DR-URBAN BDY	0.480	9H45	G4
2203	TAHOE MOUNTAIN RD	2331 FOREST MNT DR-URBAN BDY	1940 FALLEN LEAF RD	1.170	9H45	G3
2368	TALBOT PL	2367 TALBOT ST	END	0.050	10H41	E1
2367	TALBOT ST	2323 ALICE LAKE RD	2365 BERNICE LN	0.200	10H41	E1
273	TAM O SHANTER DR	272 ST ANDREWS DR	END	0.840	7J15	C7
273A	TAM O SHANTER DR	273 TAM O SHANTER DR	END/BULB	0.030	7J15	C7
1850	TAMARACK AVE	1851 ALPINE AVE	END	0.110	9H55	C2
2005	TAMARACK CT	2004 AUDRAIN WAY	END	0.030	9H55	E2
1593	TAMARACK PINES RD	SH050	END	0.350	9H55	A4
2198	TAMOSHANTER DR	2535 ELKS CLUB DR	2196 MEADOWVALE DR	0.210	9H45	K7
2221	TANBARK OAK CT	2220 LKRDGE OAKS DR	END	0.070	7J15	A6
2398	TAOS CT	2397 CHIAPA DR	END	0.080	9H45	G9
2764	TARAYA CT	2763 BEASLEY DR	2764 TARAYA CT	0.130	7J25	J2
1975	TARTAN TRL	1973 LOCH WAY	END	0.100	7J15	E5
1948	TARTAN WAY	1947 DUNDEE CIR	END	0.050	9H45	G2
2672	TEA ROSE CT	2651 TEA ROSE DR	END	0.050	7J15	J8
2651	TEA ROSE DR	2675 SUMMER DR	2653 MAGNOLIA HILLS DR	0.810	7J15	J8
1111	TEAL POND CT	1110 TEAL POND RD	END	0.110	8H52	G10
1110	TEAL POND RD	SH049	END	0.180	8H52	G10
623	TEALLY PL	605 BRISBANE CIR	END	0.030	7J15	C8
2286	TEHAMA DR	2285 SENECA DR (W)	2285 SENECA DR (E)	0.610	9H45	F8
422	TELEGRAPH HILL	219 EL DORADO HILLS BLVD	423 EMBARCADERO DR	0.390	7J15	C5
2664	TEMPLETON DR	2161 FRANCISCO DR	2660 MANNING DR	0.210	7J15	B4
1545	TENTH AVE	1529 TIMBER WOLF DR	1548 PINE ST	0.770	9H24	G2
2490	TEPEE CT	2485 FAIR MEADOW TRL	END	0.040	10H41	D1
191	TERRACE DR	190 SHERMAN WAY	END	0.400	8H55	B7
557	TERRAZA ST	556 MONTERO RD	554 CASTANA DR	0.120	7J25	J1
2388	TETON CT	2387 OTOMITES ST	END	0.050	9H45	G10
1535	THIRD AVE	END	1536 OAK ST	0.340	9H24	H3
24	THOMPSON HILL RD	21 LOTUS RD	20 COLD SPRINGS RD	2.500	8H51	A7

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2692	THOREAU DR	2708 CANFIELD DR	1020 CRAZY HORSE DR	0.120	7J25	K2
567	THRASHER CT	543 ABBOTT RD	END	0.080	7J15	K8
634	THROWITA WAY	END	END	0.080	8J12	J6
1997	THUNDERBIRD CT	2535 ELKS CLUB BLVD	END	0.240	10H41	A6
2265	THUNDERBIRD DR	SH050	2535 ELKS CLUB DR	0.940	9H45	J8
562	TIERRA DE DIOS DR	198 COUNTRY CLUB DR	END	0.390	7J25	H2
1529	TIMBER WOLF DR	2247 PLACER CT	END	0.550	9H24	G3
443	TIMBERLINE RIDGE CT	431 TIMBRLINE RIDGE DR	END	0.150	7J15	C5
431	TIMBERLINE RIDGE DR	219 EL DORADO HILLS BLVD	2347 SILVA VALLEY PKY	0.180	7J15	C5
2522	TIONONTATI ST	114 PIONEER TRL	2535 ELKS CLUB DR	0.560	10H41	A7
2484	TOIYABE TRL	2416 MARSHALL TRL	2416 MARSHALL TRL	0.220	10H41	D2
2424	TOKOCHI ST	2423 HEPKA DR	2423 HEPKA DR	0.220	10H41	B6
2399	TOLTECA CT	2397 CHIAPA DR	END	0.090	9H45	G9
2400	TOLTECA WAY	2397 CHIAPA DR	END	0.180	9H45	G9
2089	TOMAHAWK LN	2016 APACHE AVE	2090 ARROWHEAD AVE	0.290	9H45	H10
1008	TOMMY CT	5 PONDEROSA RD	END	0.040	8J11	F5
2337	TONG RD	2347 SILVA VLY PKY	END	0.300	7J25	E2
2471	TOOCH ST	2462 SUSQUEHANA DR	END	0.140	10H41	C5
1050	TOPAZ DR	1042 GOLD RIDGE TRL	END	1.040	8H55	C10
2288	TOPPEWETAH ST	2282 WINTOON DR	2277 MEWUK DR	0.420	9H45	F10
2160	TORERO WAY	2159 GUADALUPE DR	2159 GUADALUPE DR	0.420	7J15	B3
2258	TORO CT	2159 GUADALUPE DR	END	0.040	7J15	C3
202	TORONTO RD	198 COUNTRY CLUB DR	200 CAMERON PARK DR	0.770	8J11	C1
595	TOURMALINE CT	591 TOURMALINE WAY	END	0.020	8J11	A7
591	TOURMALINE WAY	596 PERIDOT DR	511 HASTINGS DR	0.300	7J15	K7
1883	TOYAN DR	30 FOWLER LN	77 PLEASANT VALLEY RD	0.280	8J12	J7
1086	TRADE WAY	1084 PRODUCT DR	1088 BUSINESS DR	0.160	8J21	E2
61	TRAIL GULCH RD	108 ROCK CREEK RD	END	0.260	8H53	E5
44	TRAVERSE CREEK RD	SH193	46 BEAR CREEK RD	3.640	8H42	J10
2794	TRAVOIS CIR	2 GREEN VALLEY RD	2794 TRAVOIS CIR	0.520	7J15	J6
2795	TRAVOIS CT	2794 TRAVOIS CIR	END/BULB	0.070	7J15	J7
2581	TRENTON WAY	2580 DANBURY CIR	2580 DANBURY CIR	0.150	7J15	C4
1977	TRESTLE GLEN CT	1979 BERRY RD	END	0.080	8J11	B10
644	TRINIDAD DR	2534 COUNTRY CLUB DR	643 GAILEY CIR	0.180	7J25	J2
2097	TUDOR CT	67 STARBUCK RD	END	0.040	8J11	A6
2246	TULLE LN	2245 RIDGE DR	END	0.130	8J21	J1
125	TULLIS MINE RD	SH049/PLEASANT VALLEY RD	END	0.540	8J12	H7
2513	TURNBACK TRL	2499 GOLDEN BEAR TRL	2499 GOLDEN BEAR TRL	0.280	10H41	C2
2735	TURNER CIR	398 PASADA RD	398 PASADA RD	0.310	8J11	A9
2734	TURNER CT	2735 TURNER CIR	END	0.050	8J11	B9
1035	TURQUOISE WAY	256 RIDGEVIEW DR	1036 MOONSTONE CIR	0.24	7J15	C9
436	TWAIN HARTE CT	435 CAMPBELL RANCH RD	END	0.050	7J15	C6
302	TWIN OAKS RD	303 RUSTIC RD	300 HILLSBOROUGH RD	0.320	8J21	B1
1913	TYLER DR	124 SCIARONI RD	END	1.090	08J	K3
3	ULENKAMP RD	2 GREEN VALLEY RD	8002 NO NAME	0.530	8J11	D5
2382	ULMECA ST	2381 CHOLULA ST	END	0.210	9H45	G10
11	UNION MINE RD	SH049	SH049	6.990	8J12	F10
2600	UNION RIDGE RD	60 MOSQUITO RD	89 CARSON RD	1.770	8J13	E1
376	UNITED DR	500 ROYAL PARK DR	END	0.210	8J11	A8
187	UPLANDS DR	END	END	0.560	7J15	C5

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1943	UPLANDS WAY	1946 GLENMORE WAY	1942 HIGHLANDS DR	0.410	9H45	G2
2103	UTE ST	2102 CHOCTAW ST	2090 ARROWHEAD AVE	0.190	9H45	J8
2006	VACATION BLVD	SPRING WY	END	0.160	08J	F4
340	VALERIO DR	206 SUDBURY RD	END	0.160	8J11	C10
2031A	VALLEY VIEW DR	2404 CEDAR RIDGE DR	END	0.050	9H24	H7
2031B	VALLEY VIEW DR	END	SH089	0.100	9H24	H7
560	VALTARA RD	556 MONTERO RD	561 EL NORTE RD	0.210	7J25	J1
2517	VANDERHOOF RD	114 PIONEER TRL	2518 EVELYN RD	0.170	9H45	J8
2274	VEERKAMP WAY	76 MARSHALL RD	76 MARSHALL RD	0.260	8H42	D9
382	VELD WAY	379 CLINTON WAY	135 MEDER RD	0.280	8J11	C9
2760	VENTANA LN	2698 OESTE LN	END/BARRICADE	0.110	7J15	K9
2785	VENTURA CT	END/BULB	2710 CONCORDIA DR	0.070	7J25	D3
2786	VENTURA WY	2710 CONCORDIA DR	2710 CONCORDIA DR	0.140	7J25	D3
2260	VERA CT	2039 LAKEHILLS DR	END	0.040	7J15	C2
348	VERANO CT	347 VERANO WAY	END	0.050	8J11	C10
347	VERANO WAY	206 SUDBURY RD	END	0.190	8J11	C10
1738	VERDE ROBLES DR	1734 CAMINO HEIGHTS DR	END	0.190	8J13	J3
1065	VIA TREVISO	1064 CRESTLINE CIR	END	0.380	7J25	B1
2109	VICTORIA CIR	1415 VICTORIA DR	1415 VICTORIA DR	0.310	9H24	H8
1415	VICTORIA DR	2109 VICTORIA CIR	SH089	0.290	9H24	H8
2135	VIEW CIR	1491 SIERRA DR	SH089	0.180	9H24	H8
2210	VIEW CIR	2204 LAKE TAHOE BLVD	2204 LAKE TAHOE BLVD	0.550	9H45	G5
2366	VIKING WAY	2365 BERNICE LN	2367 TALBOT ST	0.130	10H41	E1
1932	VILLAGE CENTER DR	2161 FRANCISCO DR	39 SALMON FALLS RD	0.440	7J15	B5
1698	VIONA RD	1697 ROBERT RD	END	0.020	8H54	H10
361	VIRADA RD	200 CAMERON PARK DR	END	0.210	8J11	B8
1745	VISTA DEL MUNDO	1744 CAMINO HILLS DR	END	0.390	8J13	J2
2057	VISTA MAR DR	END	END	0.470	7J15	B4
1743	VISTA TIERRA DR	1734 CAMINO HEIGHTS DR	END	0.100	8J13	J2
1786	VISTA VERDE DR	319 WOODLEIGH LN	319 WOODLEIGH LN	0.210	7J15	K9
64	VOLCANOVILLE RD	63 WENTWORTH SPRINGS RD	8079 NO NAME	7.210	08H	E5
885	VOLO MINE DR	980 SUNLIGHT DR	887 GRIFFITH RD	0.130	8J12	H9
2691	VOLTAIRE CT	2690 VOLTAIRE DR	END	0.030	7J25	K2
2690	VOLTAIRE DR	1020 CRAZY HORSE DR	END	0.190	7J25	K2
2411	WAGON TRAIN TRL	2408 HIGH MEADOW TRL	2416 MARSHALL TRL	0.580	10H41	D2
2497	WAILAKI ST	END	END	0.250	9H45	H10
151	WALLACE RD	SH049	END	0.580	8H52	F10
2613	WALTON PL	2612 FAIRCHILD DR	END	0.040	7J15	C6
234	WARREN LN	1039 SHELBY CIR	271 GOVERNOR DR	0.710	7J15	B8
2559	WARWICK PL	2554 CARNELIAN CIR	END	0.040	7J15	C3
2458	WASABE DR	2439 SHAKORI DR	SH089	0.360	9H45	H9
2426	WASHOAN BLVD	114 PIONEER TRL	END	0.680	10H41	B5
2091	WASHOE ST	2089 TOMAHAWK LN	2090 ARROWHEAD AVE	0.160	9H45	H10
245	WATERMAN CT	239 STONEMAN WAY	END	0.130	7J15	C8
2473	WATSON ST	2470 KOYUKON DR	2467 MINNICONJOU DR	0.140	10H41	B5
2652	WATSONIA GLEN DR	2667 KLONDIKE WAY	2651 TEA ROSE DR	0.280	7J15	J8
503	WAVERLY DR	500 ROYAL PARK DR	306 CAMBRIDGE RD	0.440	8J11	A7
2197	WAVERLY DR	2535 ELKS CLUB DR	2198 TAMOSHANTER DR	0.060	9H45	K7
1935	WEATHERVANE CT	1933 BANCROFT DR	END	0.090	7J15	C5
2064	WELLESLEY PL	2660 MANNING DR	END	0.060	7J15	B4

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309	WENTWORTH RD	324 SHERIDAN RD	306 CAMBRIDGE RD	0.630	7J25	K1
63	WENTWORTH SPRINGS RD	1893 MAIN ST	STUMPY MEADOWS	15.950	8H42	G1
63	WENTWORTH SPRINGS RD	STUMPY MEADOWS	147 ICE HOUSE RD	14.550	08H	K7
63	WENTWORTH SPRINGS RD	147 ICE HOUSE RD	END	9.430	09H	C6
1968	WEST GLENMORE WAY	2347 SILVA VALLEY PKY	1966 HIGHLAND HILLS DR	0.120	7J15	C6
2310	WEST RIVER PARK DR	169 SOUTH UPPER TRUCKEE RD	169 SOUTH UPPER TRUCKEE RD	0.340	9H55	H2
2252A	WEST SAN BERNARDINO AVE	END	159 NORTH UPPER TRUCKEE RD	0.020	9H45	G10
2252A	WEST SAN BERNARDINO AVE	159 NORTH UPPER TRUCKEE RD	END	0.380	9H45	G10
326	WESTRIDGE DR	315 KNOLLWOOD DR	572 COVELLO CIR	0.250	7J25	J1
283	WESTWOOD CT	281 WILLOWDALE DR	END	0.060	7J15	C7
2724	WEYMOUTH WAY	2714 FOXMORE LN	2721 MAYFIELD DR	0.300	7J15	J7
2815	WHISKEY DRIFT DR	HOLLOW OAK DR	SALT WASH WY	0.080	7J15	K3
2814	WHISTLERS BEND WY	HOLLOW OAK DR	WHISKEY DRIFT DR	0.340	7J15	K3
1041	WHITE MEADOW RD	147 ICEHOUSE RD	167B PEAVINE RIDGE RD	4.280	09H	A10
34	WHITE ROCK RD	SAC CO	2347 SILVA VALLEY PKY	2.220	7J25	E3
2687	WHITMAN CT	1020 CRAZY HORSE RD	END	0.050	7J25	K2
2583	WHITMORE PL	2581 TRENTON WAY	END	0.030	7J15	C4
2638	WICKHAM WAY	2627 FALKIRK WAY	2626 KESWICK DR	0.050	7J15	C7
1012	WILD CHAPARRAL DR	5 PONDEROSA RD	END	0.610	8J21	F1
2182	WILDBERRY CT	2181 WILDBERRY DR	END	0.110	08J	J4
2181	WILDBERRY DR	2179 WILDROSE DR	END	0.140	08J	J4
2061	WILDRIDGE DR	2058 BROOKMAR DR	END	0.030	7J15	B4
2061	WILDRIDGE DR	END	2660 MANNING DR	0.110	7J15	B4
2073	WILDROSE CT	2179 WILDROSE DR	END	0.070	08J	J4
2179	WILDROSE DR	1951 BLUE MOUNTAIN DR	1951 BLUE MOUNTAN DR	0.650	08J	J4
163	WILDWOOD WAY	SH050	END	0.200	09H	D10
394A	WILKINSON RD	319 WOODLEIGH LN	END (GATE)	0.310	8J11	A9
394B	WILKINSON RD	392 ESTEPA DR (BRCD)	529 HILLCREST DR	0.340	7J15	K8
394C	WILKINSON RD	END	569 CRANE WAY	0.030	7J15	K8
1728	WILLIAM WAY	89 CARSON RD	1721 ELMER ST	0.070	8J14	C2
2108	WILLIAMS LN	1481 RUBICON DR	2107 KING GEORGE DR	0.130	9H24	H9
630	WILLISTON WAY	629 RAVENSHOE WAY	605 BRISBANE CIR	0.200	7J15	D8
1691	WILLOW ST	25 PONY EXPRESS TRL	1690 PINE ST	0.140	8H55	C9
1843	WILLOW ST	END	END	0.150	8J12	F9
281	WILLOWDALE DR	273 TAM O SHANTER DR	278 PENDLETON DR	0.530	7J15	C6
1511	WILSON AVE	1548 PINE ST	SH089	0.310	9H24	G2
255	WILSON BLVD	219 EL DORADO HILLS BLVD	217 SARATOGA WAY	1.440	7J15	C10
608	WILUNA PL	603 BUSSELTON WAY	END	0.030	7J15	C7
1125	WINDFIELD WAY	1124 GOLDEN FOOTHILL PKY	34 WHITE ROCK RD	0.380	7J25	D3
1904	WINDING WAY	124 SCIARONI RD	102 CAPPS CROSSING RD	1.560	08J	K3
1964	WINDING WAY CT	1904 WINDING WAY	END	0.030	08J	K4
1128	WINDPLAY DR	1127 SUNCAST LN	1125 WINDFIELD WAY	0.360	7J25	D4
2099	WINDSOR CT	67 STARBUCK RD	END	0.090	8J11	A6
2680	WINDSOR POINT PL	2112 SCHOONER DR	END	0.450	7J15	B4
2631	WINLOCK WAY	2626 KESWICK DR	END	0.060	7J15	C7
2385	WINNEBAGO ST	2288 TETON CT	2280 NEZ PERCE DR	0.060	9H45	G8
2147	WINSTON WAY	2109 VICTORIA CIR	END	0.080	9H24	H8
2282	WINTOON DR	2284 KIOWA DR	END	0.410	9H45	F8
987	WISTERIA RD	990 PENNYROYAL DR	END	0.210	8J14	J6
641	WOEDEE DR	219 EL DORADO HILLS BLVD	642 TAH NEE WAY	0.360	7J15	C9

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213	WOOD LN	207 FAIRWAY DR	351 OXFORD RD	0.160	8J11	C9
2054	WOOD MAR DR	2053 MARINA PARK DR	2060 MARINA VIEW DR	0.280	7J15	B4
2079	WOOD VIEW CT	2078 WOODED GLEN DR	END	0.060	08J	J4
2373	WOODCHUCK CT	169 SOUTH UPPER TRUCKEE RD	END	0.040	9H55	H2
2081	WOODED GLEN CT	2078 WOODED GLEN DR	END	0.040	08J	J4
2078	WOODED GLEN DR	2082 EVERGREEN DR	END	0.760	08J	J4
1922	WOODHAVEN CT	1921 WOODHAVEN DR	END	0.140	08J	J4
1921	WOODHAVEN DR	1918 MT PLEASANT DR	END	0.360	08J	J4
2303	WOODLAND CT	2301 WOODLAND DR	END	0.060	9H24	H9
129	WOODLAND DR	86 CEDAR RAVINE RD	END	0.780	8J13	F7
2301	WOODLAND DR	2302 MANZANITA DR	2138 SCENIC DR	0.490	9H24	H9
2748	WOODLEIGH CT	319 WOODLEIGH LN	END	0.120	7J15	J8
319	WOODLEIGH LN	318 KIMBERLY RD	END(MP.20)	0.200	7J15	J8
319	WOODLEIGH LN	END (MP.39)	4 BASS LAKE RD	1.330	7J15	J8
1920	WOODRIDGE DR	100 GRIZZLY FLAT RD	1918 MT PLEASANT DR	0.270	08J	J4
517	WOODY CREEK CT	516 GATEWAY RD	END	0.100	7J15	J8
2615	WRANGLER PL	2612 FAIRCHILD DR	END	0.050	7J15	C6
606	WYNDHAM PL	603 BUSSELTON WAY	END	0.030	7J15	C8
607	WYNDHAM WAY	605 BRISBANE CIR	603 BRUSSELTON WAY	0.290	7J15	C7
2308	YAKIMA CT	2307 SEMINOLE DR	END	0.040	9H45	J10
2542	YARDLEY PL	2541 SHEFFIELD DR	END	0.040	7J15	B3
229	YELLOWSTONE CT	216 ARROWHEAD DR	END	0.070	7J25	C2
228	YELLOWSTONE LN	218 KINGS CYN DR	216 ARROWHEAD DR	0.220	7J25	C2
2498	YOKUT ST	2493 NAHANE DR	2493 NAHANE DR	0.200	9H45	H10
251	YOSEMITE LN	246 MESA VERDES DR	1109 ARCHES AVE	0.130	7J25	C1
244	YOUNGS CT	239 STONEMAN WAY	END	0.060	7J15	C8
2524	YQUI ST	2521 SKYLINE DR	2520 CRYSTAL AIR DR	0.050	10H41	A7
2390	YUCATAN ST	2387 OTOMITES ST	END	0.190	9H45	G10
45	ZANDONELLA RD	77 PLEASANT VALLEY RD	77 PLEASANT VALLEY RD	0.590	8J13	B8
2158	ZAPATA DR	2035 ENCINA DR	END	0.240	7J15	B3
2444	ZAPOTEC DR	2447 CREE ST	END	0.530	9H45	K8
583	ZIANA RD	END	END	0.190	7J15	J10
1059	ZINC DR	1051 AMBER TRL	1051 AMBER TRL	0.320	8H55	C10
986	ZINNIA RD	987 WISTERIA RD	END	0.030	8J14	J6
1061	ZIRCON DR	1059 ZINC DR	END	0.100	8H55	C10
2270	ZUNI ST	2275 GRIZZLY MOUNTAIN DR	2271 SHOSHONE ST	0.510	9H45	F7
145		127 BROADWAY	589 SMITH FLAT RD	0.140	8J13	E3
253		246 MESA VERDES DR	END	0.030	7J25	C1
265		262 STANFORD LN	END	0.030	7J15	C9
267		262 STANFORD LN	END	0.050	7J15	C9
274		273 TAM O SHANTER DR	END	0.050	7J15	C8
276		273 TAM O SHANTER DR	END	0.050	7J15	C8
294		262 STANFORD LN	END	0.030	7J15	C8
349		347 VERANO WAY	END	0.030	8J11	C9
364		360 ALHAMBRA DR	END	0.030	8J11	B8
377		376 UNITED DR	END	0.030	8J11	B8
387		385 CESSNA DR	END	0.030	8J11	C9
404		299 KING EDWARD DR	END	0.030	7J15	C7
411		261 LATHAM LN	END	0.020	7J15	C9
412		261 LATHAM LN	END	0.040	7J15	C9

2021
EL DORADO COUNTY
MAINTAINED ROAD DATA

ROAD NUMBER	ROAD NAME	FROM (NUMBER AND NAME)	TO (NUMBER AND NAME)	LENGTH MILES	MAP NUMBER	MAP COORDINATE
413		261 LATHAM LN	END	0.040	7J15	C9
420		271 GOVERNOR DR	END	0.030	7J15	C8
421		271 GOVERNOR DR	END	0.030	7J15	C9
878		56 GREENWOOD RD	END	0.500	8H42	C5
1004		1003 GOLD RUSH LN	END	0.040	8H52	F9
1005		1003 GOLD RUSH LN	END	0.040	8H52	F9
1022		SH050	END	0.100	8J13	G2
1033		271 GOVERNOR DR	END	0.030	7J15	C9
1101		11 UNION MINE RD	END	0.040	8J12	F9
1207		1200 PARK WOODS DR	END	0.030	8J15	D2
1733		1720 ROOSEVELT AVE	1722 HARRIS RD	0.050	8J14	D2
1926		1913 TYLER DR	END	0.030	08J	K3
1950		171 BUCKEYE RD	END	0.180	8J11	J10
1965		1904 WINDING WAY	END	0.030	08J	K4
2232		2231 PERKS CT	END	0.070	8J12	G5
2233		9 MISSOURI FLAT RD	END	0.040	8J12	G5
2327		131 AIRPORT RD	END	0.190	8J13	D4
2370		2369 EGRET WAY	END	0.030	9H55	H1
2405		2193 GLEN EAGLES RD	2426 WASHOAN BLVD	0.450	10H41	B5
2407		2406 KOKANEE TR	END	0.020	10H41	D2
2421		2420 BLACK BART CT	END	0.050	10H41	D1
2537		2138 SCENIC DR	SH089	0.030	9H24	J9
2538		2301 WOODLAND DR	2138 SCENIC DR	0.070	9H24	H9
2802		2797 BLACKSTONE PKY	END	0.040	7J25	F6
2803		2804 CLARKSVILLE CROSSING	END	0.040	7J25	E2
45A		77 PLEASANT VALLEY RD	77 PLEASANT VALLEY RD	0.080	8J13	B8
			COMPLETED-03/2022	**1083.65**		

Update 02/2019

Appendix D: El Dorado County Road System (County-Maintained Roads in U.S. Forest Service-Managed Lands)

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El Dorado County
Maintained Road Data
for Lands Managed by the
United States Forest Service
(adopted from 2019 County Maintained Roads List)

ROAD NUMBER	ROAD NAME	USFS AREA	LENGTH (MILES)
65	BALDERSTON RD	Eldorado National Forest	1.49
2029	BAY VIEW DR	Lake Tahoe Basin Management Unit	0.01
46	BEAR CREEK RD	Eldorado National Forest	1.67
4	BOULDER MOUNTAIN DR	Lake Tahoe Basin Management Unit	0.28
2205	BRADEN RD	Eldorado National Forest	0.25
112	BREEDLOVE RD	Eldorado National Forest	0.16
2174	BROOK DR	Lake Tahoe Basin Management Unit	0.02
121	CABLE RD	Eldorado National Forest	4.28
118	CALDOR RD	Eldorado National Forest	7.51
2329	CALDWELL DR	Eldorado National Forest	0.19
102	CAPPS CROSSING RD	Eldorado National Forest	6.16
89	CARSON RD	Eldorado National Forest	0.53
2404	CEDAR RIDGE DR	Lake Tahoe Basin Management Unit	0.00
2397	CHIAPA DR	Lake Tahoe Basin Management Unit	0.00
2383	CHILICOTHE ST	Lake Tahoe Basin Management Unit	0.00
2381	CHOLULA ST	Lake Tahoe Basin Management Unit	0.00
2322	COLD CREEK TRL	Lake Tahoe Basin Management Unit	0.01
877	COSUMNES MINE RD	Eldorado National Forest	2.32
2328	DE LISI WAY	Lake Tahoe Basin Management Unit	0.00
2278	DELAWARE ST	Lake Tahoe Basin Management Unit	0.00
2796	DUBASARY LN	Eldorado National Forest	0.01
1947	DUNDEE CIR	Lake Tahoe Basin Management Unit	0.00
2252	EAST SAN BERNARDINO AVE	Lake Tahoe Basin Management Unit	0.06
2369	EGRET WAY	Lake Tahoe Basin Management Unit	0.00
1940	FALLEN LEAF RD	Lake Tahoe Basin Management Unit	2.94
1680	FOREBAY RD	Eldorado National Forest	4.84
2331	FOREST MOUNTAIN DR	Lake Tahoe Basin Management Unit	0.09
1630	FOREST RD	Eldorado National Forest	0.10
1923	FOREST VIEW DR	Lake Tahoe Basin Management Unit	0.03
123	FRUITRIDGE RD	Eldorado National Forest	0.58
2133	GLEN DR	Lake Tahoe Basin Management Unit	0.03
2042	GLENRIDGE PKY	Lake Tahoe Basin Management Unit	0.11
2334	GRANITE MOUNTAIN CIR	Lake Tahoe Basin Management Unit	0.07
2312	GRASS LAKE RD	Lake Tahoe Basin Management Unit	0.16
2313	GRASS LAKE WAY	Lake Tahoe Basin Management Unit	0.01
2275	GRIZZLY MOUNTAIN DR	Lake Tahoe Basin Management Unit	0.01
80	HAPPY VALLEY RD	Eldorado National Forest	5.59
119	HASSLER RD	Eldorado National Forest	0.11
1349	HAWLEY GRADE RD	Lake Tahoe Basin Management Unit	0.32
2403	HAZEL VALLEY RD	Eldorado National Forest	1.20
2408	HIGH MEADOW TRL	Lake Tahoe Basin Management Unit	0.01
147	ICE HOUSE RD	Eldorado National Forest	16.89
2335	IRON MOUNTAIN CIR	Lake Tahoe Basin Management Unit	0.03
116	JOHNSON PASS RD	Eldorado National Forest	1.06
2460	KATO ST	Lake Tahoe Basin Management Unit	0.00
2204	LAKE TAHOE BLVD	Lake Tahoe Basin Management Unit	1.56
2032	LAKEVIEW DR	Lake Tahoe Basin Management Unit	0.02
103	LEONI RD	Eldorado National Forest	6.44
901	MACKINAW ST	Eldorado National Forest	0.00
2173	MC KINNEY RD	Lake Tahoe Basin Management Unit	0.02
47	MEADOW BROOK RD	Eldorado National Forest	0.06

El Dorado County
Maintained Road Data
for Lands Managed by the
United States Forest Service
(adopted from 2019 County Maintained Roads List)

ROAD NUMBER	ROAD NAME	USFS AREA	LENGTH (MILES)
2028	MEEKS BAY AVE	Lake Tahoe Basin Management Unit	0.01
150	MEYERS RD	Lake Tahoe Basin Management Unit	1.25
2363	MILL RUN	Eldorado National Forest	0.27
91	MORMON EMIGRANT TRL	Eldorado National Forest	16.63
60	MOSQUITO RD	Eldorado National Forest	4.12
1493	MOUNTAIN DR	Lake Tahoe Basin Management Unit	0.03
2280	NEZ PERCE DR	Lake Tahoe Basin Management Unit	0.00
2041	NORTHRIDGE DR	Lake Tahoe Basin Management Unit	0.00
35	OMO RANCH RD	Eldorado National Forest	3.36
2451	ONEIDAS ST	Lake Tahoe Basin Management Unit	0.34
2394	OSAGE CIR	Lake Tahoe Basin Management Unit	0.01
2364	OUTER LIMITS LN	Eldorado National Forest	0.04
88	PARK CREEK RD	Eldorado National Forest	1.73
167	PEAVINE RIDGE RD	Eldorado National Forest	6.72
114	PIONEER TRL	Lake Tahoe Basin Management Unit	1.80
524	POMO CT	Lake Tahoe Basin Management Unit	0.04
2276	POOEWIN ST	Lake Tahoe Basin Management Unit	0.00
1688	RIDGEWAY CT	Eldorado National Forest	0.03
108	ROCK CREEK RD	Eldorado National Forest	17.42
1481	RUBICON DR	Lake Tahoe Basin Management Unit	0.00
2202	SAWMILL RD	Lake Tahoe Basin Management Unit	0.49
124	SCIARONI RD	Eldorado National Forest	0.31
2439	SHAKORI DR	Lake Tahoe Basin Management Unit	0.00
2271	SHOSHONE ST	Lake Tahoe Basin Management Unit	0.00
1590	SIERRA PINES RD	Eldorado National Forest	0.10
2130	SILVER FORK RD	Eldorado National Forest	13.50
2343	SILVERTIP CT	Lake Tahoe Basin Management Unit	0.01
2190	SLEIGH BELL LN	Lake Tahoe Basin Management Unit	0.01
90	SLY PARK RD	Eldorado National Forest	1.12
169	SOUTH UPPER TRUCKEE RD	Lake Tahoe Basin Management Unit	3.82
2215	STRAWBERRY CT	Eldorado National Forest	0.03
879	STRING CANYON RD	Eldorado National Forest	0.27
2043	SUNNYVIEW DR	Lake Tahoe Basin Management Unit	0.02
2228	SUNRISE AVE	Lake Tahoe Basin Management Unit	0.02
2229	SUNRISE CT	Lake Tahoe Basin Management Unit	0.08
2203	TAHOE MOUNTAIN RD	Lake Tahoe Basin Management Unit	1.21
1593	TAMARACK PINES RD	Eldorado National Forest	0.09
61	TRAIL GULCH RD	Eldorado National Forest	0.15
44	TRAVERSE CREEK RD	Eldorado National Forest	0.19
2600	UNION RIDGE RD	Eldorado National Forest	0.01
2031	VALLEY VIEW DR	Lake Tahoe Basin Management Unit	0.01
64	VOLCANOVILLE RD	Eldorado National Forest	1.27
63	WENTWORTH SPRINGS RD	Eldorado National Forest	13.15
1041	WHITE MEADOW RD	Eldorado National Forest	1.50
2282	WINTOON DR	Lake Tahoe Basin Management Unit	0.01
2303	WOODLAND CT	Lake Tahoe Basin Management Unit	0.00
129	WOODLAND DR	Lake Tahoe Basin Management Unit	0.03
1712	8 MILE RD	Eldorado National Forest	0.23
	TOTAL MILES		**158.75**

Appendix E: Biological Assessment for the El Dorado County Department of Transportation Routine Maintenance Agreement

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El Dorado County Department of Transportation

Routine Maintenance Agreement

Biological Assessment

Routine Maintenance Agreement (RMA)

El Dorado County Department of Transportation

El Dorado County, CA

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Biological Assessment

Routine Maintenance Agreement (RMA)

El Dorado County Department of Transportation

El Dorado County, CA

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Summary

The El Dorado County Department of Transportation (Department) intends to enter into a 12-year Routine Maintenance Agreement (RMA) with the California Department of Fish and Wildlife (CDFW) to conduct the Department's routine maintenance of the private and public facilities integral to the County Road System (CRS). The RMA would support the Department's primary goals of preservation of infrastructure and public safety. The RMA would cover routine maintenance where maintenance would result in the modification of a lake or stream's bed, bank, or channel. CDFW has determined that future work performed by this agreement is subject to California Environmental Quality Act (CEQA). The Department is the lead agency under the CEQA, and this Biological Assessment (Report) is to support an Initial Study Mitigate Negative Declaration (IS/MND).

The general objectives of this Report are to: 1) identify sensitive biological resources such as wetlands, streams, or habitats for special status species and to determine whether this Project would result in potentially significant adverse biological impacts, pursuant to the CEQA, and 2) define the activities and boundaries associated with the RMA.

The Biological Study Area (BSA) for the Project covers the entirety of El Dorado County, spans 44 USGS topographic quads, the cities of Placerville and South Lake Tahoe, the census-designated communities of El Dorado Hills, Cameron Park, Diamond Springs, Pollock Pines, Shingle Springs, Auburn Lake Trails, Georgetown, Camino, Tahoma, Grizzly Flats, Coloma, and Cold Springs, lands managed by the United States Department of Agriculture, Forest Service (USFS), and lands under the jurisdiction of the Tahoe Regional Planning Agency (TRPA).

The RMA is limited to the CRS and will not cover maintenance within the cities of Placerville and South Lake Tahoe, USFS System roads, and roads maintained by the State of California (CALTRANS). In addition, the Department does not maintain facilities managed by the Eldorado Irrigation District, or the various Public Utility Districts in the County.

This Report describes the routine maintenance work that is conducted every one to five years. The maintenance work may include debris or obstruction removal, sediment removal, vegetation control, and minor erosion control and repair. Work will be planned in order to avoid impacts to waterways, wetlands, vernal pools, and special status species. The Department will use a system of Verification Request Forms (VRF) to notify CDFW prior to any maintenance work. Work will be conducted as described in the RMA and with any additional requirements determined by CDFW. The Department has worked with CDFW to produce a draft RMA.

The elevation gradient in the BSA is approximately 195 to 10,880 feet above mean sea level (amsl) and habitat in the BSA is on both the eastern and western sides of the Sierra Nevada range. This Report evaluates species and natural communities that may be affected by specific types of maintenance activities in three elevation zones that capture the geographic variation: Tahoe Basin, West Slope above 3,500 feet elevation, and West Slope 3,500 feet elevation and lower.

Suitable habitat for at least 145 protected species occurs in and near the BSA. In this Report, protected species include those listed (or candidate or proposed) under the federal or state endangered species acts, as sensitive by the USFS, as sensitive by the BLM, under the California Native Plant Protection Act, as a California species of special concern or fully protected by CDFW, or that are on California Rare Plant Rank 1 or 2 (California Native Plant Society [CNPS] 2021). Special-status natural communities in this Report are waters, wetlands, meadows, oak woodlands, and riparian communities.

Suitable habitat for the federal-listed vernal pool fairy shrimp (VPFS; *Branchinecta lynchi*), vernal pool tadpole shrimp (VPTS; *Lepidurus packardi*), and valley elderberry longhorn beetle (VELB; *Desmocerus*

californicus dimorphus) occurs within the BSA on a limited basis. The maintenance work covered by the RMA avoids vernal pool habitat, VPFS, and VPTS. Vernal pool habitat is limited to some specific areas including west of South Shingle Road to the Sacramento County line, south of U.S. Highway 50 and east of State Route (SR) 49 (at Pleasant Valley Road, Fairplay Road, and Coyote Ridge Road), and north of U.S. Highway 50 (at Serrano Country Club near El Dorado Hills and SR 49 at Pilot Hill) (Holland 2009). There will be no effect to VPFS or VPTS. The RMA will avoid elderberry shrubs (habitat for VELB) by conducting surveys, staking buffers, and providing biological monitors, as needed, during routine maintenance.

The BSA provides suitable habitat and the potential for the occurrence of 65 special-status wildlife species. This includes species with habitat requirements ranging from low to high elevations and terrestrial to aquatic, and those generalists using a variety of habitats throughout the BSA. While California tiger salamander (*Ambystoma californiense*) and willow flycatcher (*Empidonax traillii*) are limited to low elevation habitats within specific types of aquatic habitats, norther harrier (*Circus hudsonius*), white-tailed kite (*Elanus leucurus*), and other bird species can use the entirety of the BSA for a range of activities including nesting, foraging, and migration. With implementation of the avoidance and minimization measures discussed in Chapter 4, the proposed Project will not adversely affect these species.

The BSA provides habitat for 80 protected plant species: 10 federal-listed, 10 state-listed, nine both federal- and state-listed, and 80 ranked as 1B or 2B by the CNPS. With implementation of the avoidance and minimization measures discussed in Chapter 4, the proposed Project will not adversely affect plant species.

Oak woodlands in the BSA are habitats protected by the El Dorado County Oak Woodland Management Plan. The Department will obtain a permit as applicable for any oak woodland removals.

The RMA will satisfy CDFWs section 1602 Streambed Alteration program. Other permits and authorizations required for activities conducted under the RMA may include a Section 404 Permit from the U.S. Army Corps of Engineers (Corps), a Section 401 Water Quality Certification from the Regional Water Quality Control Board (RWQCB), and a National Pollutant Discharge Elimination System (NPDES) Permit from the RWQCB.

Table of Contents

Appendices

Figures

Tables

Chapter 1 – Introduction

1.1 Project History

The El Dorado County Department of Transportation (Department), is pursuing a 12-year long Routine Maintenance Agreement (RMA) with the California Department of Fish and Wildlife (CDFW) for their stream and channel maintenance program. The agreement is subject to the California Environmental Quality Act (CEQA) and therefore this biological assessment of the proposed RMA will discuss impacts, mitigation, and avoidance and minimization measures. The Department is the lead agency under CEQA, and this Report is in support of an Initial Study/ Mitigated Negative Declaration (IS/MND).

1.2 Project Description

Location

Figure 1 is a Project Location Map. Figure 2 shows the County Road System (CRS) maps overlayed within the Biological Study Area (BSA) and the three elevation zones that capture the geographic variation: Tahoe Basin, West Slope of the Sierra Range above 3,500 feet elevation, and West Slope below 3,500 feet elevation (referred to as elevation zones in this report). The BSA for the Project includes rivers, creeks, tributaries, riparian areas, and a number of private and public facilities. The BSA encompasses the entire approximately 1,786 square miles of unincorporated El Dorado County and spans 44 USGS topographic quadrangles. The cities of Placerville and South Lake Tahoe are within the BSA along with the census-designated communities of El Dorado Hills, Cameron Park, Diamond Springs, Pollock Pines, Shingle Springs, Auburn Lake Trails, Georgetown, Camino, Tahoma, Grizzly Flats, Coloma, and Cold Springs. A portion of the BSA is under the jurisdiction of the Tahoe Regional Planning Agency (TRPA) and a portion is on lands managed by the United States Department of Agriculture, Forest Service (USFS) which includes Eldorado National Forest (ENF) and the Tahoe Basin Management Unit (TBMU).

Public work activities within the TRPA are administered through a Memorandum of Understanding that describes exempt and qualified exempt activities authorized by the memorandum (TRPA 2012). Exempt and qualified exempt activities include those activities covered by the proposed RMA, as described in Section 1.3.

Proposed Service Area

Routine maintenance work may be conducted in the vicinity of all lakes, rivers, creeks, streams, culverts, bridges, access roads and Department facilities within each elevation zone listed in this document. Routine maintenance work is performed every one to five years.

The RMA is limited to the CRS and will not cover maintenance within the cities of Placerville and South Lake Tahoe, USFS System roads, and roads maintained by the State of California (CALTRANS). County roads proposed for the RMA are listed in Appendix A. Within lands managed by the USFS, County Roads included in the RMA service area are listed in Appendix B.

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Figure 1. Project Location Map

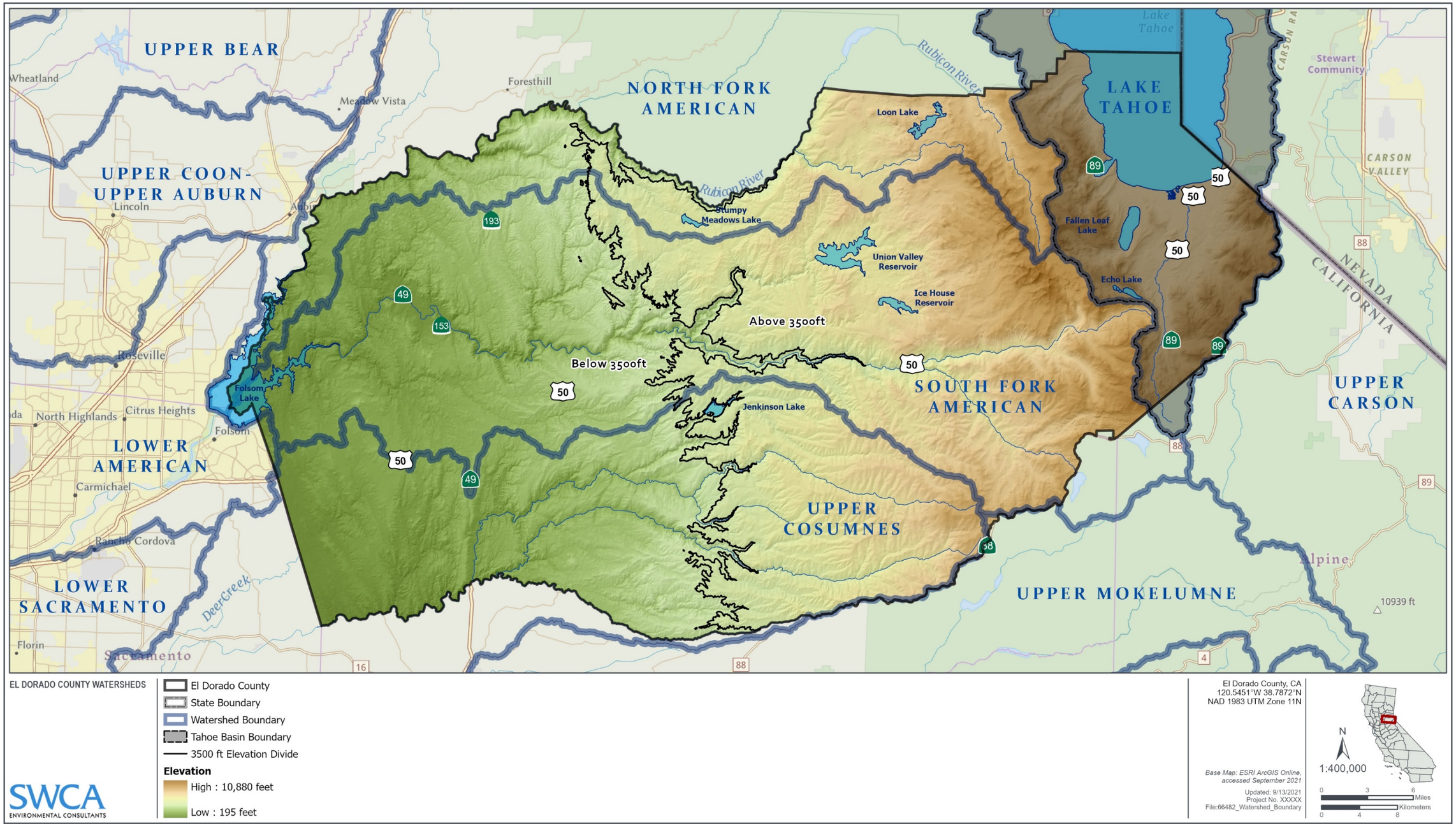

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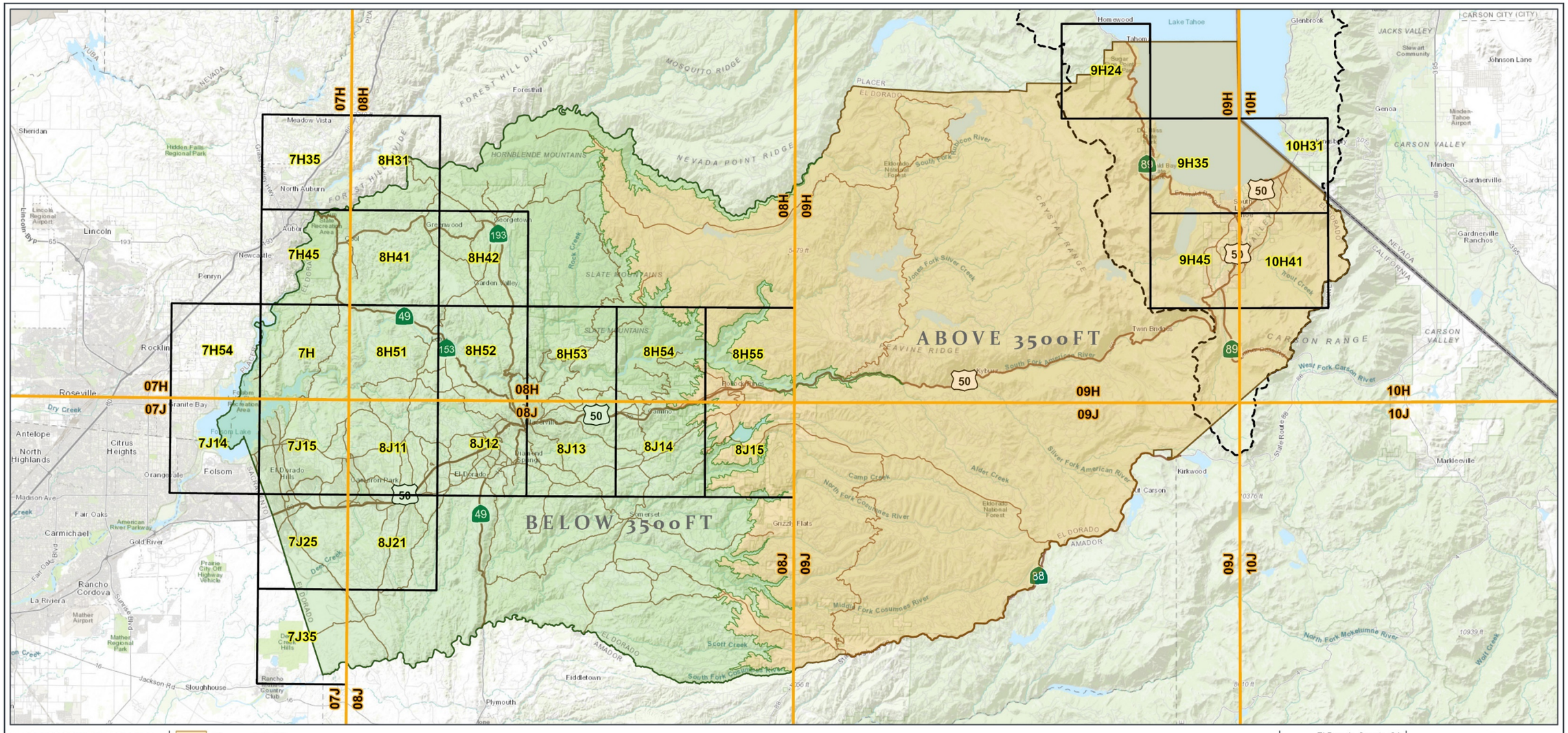
Figure 2. County Road Systems Map



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1.3 Activities Proposed to be Covered by RMA

Routine maintenance work is conducted every one to five years. The Department performs routine maintenance work to maintain functional and structural integrity of their facilities. Work will be planned in order to avoid impacts to the special status resources, where possible. The Department will use a system of Verification Request Forms (VRF) to notify CDFW prior to any maintenance work. Work will be conducted as described in the RMA and with any additional requirements determined by CDFW.

The routine maintenance work is divided into ten categories. Details and anticipated frequency of each maintenance activity are discussed below.

1. Removal, Replacement or Repair of Facilities
2. Debris and Obstruction Removal (including beaver dams)
3. Vegetation Control in Channels or on Banks
4. Repair of Previous Erosion Control Work
5. Minor Erosion Control Work
6. Channel Alignment Maintenance
7. Road Maintenance and Storm Water Runoff Systems (Municipal Separate Storm Sewer Systems (MS4)) Maintenance
8. Minor Bridge Maintenance
9. Silt, Sand or Sediment Removal
10. Maintenance of Existing Recreational Facilities

1. Removal, Replacement or Repair of Facilities

The Department would remove, replace, or repair culverts, inlets, manholes, above-ground utilities, water diversion structures, roads, or other facilities, including material change (e.g., corrugated metal pipe [CMP] replaced with high-density polyethylene [HDPE]) within areas of CDFW jurisdiction to maintain functionality and capacities of these utilities. Removal, replacement, or repair of facilities may require the trimming or removal of vegetation, displacement of sediments, and/or placement of materials within creeks, channels and basins, manhole lining, flushing, vactoring (pneumatic cleaning with a vacuum truck), closed-circuit television inspections, horizontal directional drilling, jack and bore, electric pole removal/replacement, and open trenching.

2. Debris and Obstruction Removal (including beaver dams)

The Department would remove debris, trash, transient camps, rubbish, hazardous structures, vessels, beaver dams, flood-deposited woody and herbaceous vegetation, downed trees, dead trees which are in clear danger of falling in or across a channel, branches, and associated debris that substantially obstruct (or could obstruct) water flow, reduce channel capacity, accelerate erosion, damage concrete box culverts, metal culverts, or bridge structures. Beaver dam removal may occur by use of hand tools and heavier equipment if needed. For beaver dam removal purposes, a "project" is defined as the removal of beaver dams within the same watercourse within 30 days. This does not include the installation of beaver deterrent structures that may substantially alter the bed, bank, or channel within the project area. Debris removal may occur in creeks, channels, detention basins, dams, boat ramps, docks, and trails. Debris or obstruction removal may be followed by re-vegetation efforts.

3. Vegetation Control in Channels or on Banks

The Department would cut, mow, disc, or use heavy equipment to manage native and non-native grasses, shrubs, and woody growth; including native and non-native trees, plants, and willows, to maintain the designed capacity of floodways. The Department would cut, trim, or remove the lower branches of large trees to facilitate site inspections and maintain channel capacity. The Department would remove dead and/or dying trees of any size, and live including native trees to maintain channel capacity and prevent erosion. The Department anticipates vegetation control equipment to largely be comprised of chainsaws, other hand tools and with the occasional use of a backhoe along with controlled herbicide applications as necessary.

The Department would not remove sensitive plant populations without CDFW approval and would not remove elderberry shrubs below 1,000 feet in elevation without consultation with U.S. Fish and Wildlife Service (USFWS).

4. Repair of Previous Erosion Control Work

The Department would repair previous erosion control work, including, but not limited to, failed rock slope protection, sacked concrete, retaining walls, erosion control blankets, gabion sections, sediment basins / constructed stormwater features or other erosion control work. Such work would not extend beyond 100 linear feet of the existing revetted area. In some areas these activities and other routine maintenance activities may require fill near outfalls, bridges, culverts, basins, and the invert of creeks and channels. Types of fill materials could include rock slope protection (RSP), soil, gravel material, or aggregate base and would come from commercial sources in the local area. The Department would also employ bioengineering methods where feasible to repair or enhance previously installed erosion control work. Materials would be placed with equipment such as an excavator, backhoe, dump truck, bobcat, skip loader, front loader, or other small construction equipment. Exact methods, locations and volumes of erosion repair activities would be submitted to Department for final approval through the VRFs.

5. Minor Erosion Control Work

The Department would slope, place earthen fill, install rocks and gabions, retaining walls/ outfall headwalls, terracing, erosion control blankets, apply gunite, or take other necessary measures to control erosion on previously unrevetted areas within CDFW jurisdiction. Temporary and Permanent Impacts would not exceed 100 linear feet in length or 0.2 acres (which ever area is smaller). The Department may use bioengineering methods where feasible to reduce creek bank erosion. Bioengineering slope stabilization areas may be larger than 100 linear feet in length or 0.2 acres if approved by CDFW. Containment measures would be used to prevent deleterious material from entering state waters and avoid adverse impacts to fish and wildlife resources. For purposes of placement of rock slope protection or shotcrete application as bank erosion control, individual project sites must be separated by a distance of at least 1,500 feet.

6. Channel Alignment Maintenance

At locations where improved County property and facilities are at risk, the Department may maintain existing channel alignments to prevent creeks and drainages from altering course during large storm events. Activities may include the strategic addition of RSP armoring along the outside edge of stream meanders and in other locations where hydraulic forces are concentrated. In non-urgent locations, the channel may be densely planted with native plants in order to stabilize banks and maintain the current creek alignment. Work may also entail removal of deposited sediment within the wetted channel to prevent the bed of the channel from elevating and causing the channel to braid. Maintaining existing channel alignments may be necessary to prevent channels from undermining and destabilizing bridges, public utilities, roadways, or bike trails. Individual project sites with Permanent Impacts must be separated by a distance of at least 1,500 feet.

7. Road Maintenance and Storm Water Runoff Systems (MS4 Systems) Maintenance

Road Maintenance work can include establishing drainage flow paths, conveyances, and asphalt surfaces. This includes the use of equipment to ditch road rights of ways in order to restore road sections and improve asphalt condition. Asphalt pavement condition index (PCI) is also routinely improved as necessary to restore pavement longevity / condition. Activities to ensure proper drainage can include the use of heavy equipment to properly convey water to protect roadway edges. Road shoulders are also maintained frequently through maintenance identified in the other activities within this section.

Other road and roadside maintenance activities include ongoing and intermittent maintenance of storm water runoff systems to include bioswales, vegetated ditches, storm water basins, high priority storm water facilities, and other storm water systems designed and constructed to retain flow and preserve water quality. Routine and intermittent maintenance activities for these systems include (but are not limited to): cleaning and removing debris buildup, periodic removal of overgrown vegetation, removal of sediment build up, and periodic reestablishment of components (or parts) of the storm water system.

8. Minor Bridge Maintenance

The Department may clean, wash, and paint structures such as bridges within CDFW's jurisdiction. Bridge washing will involve power washing the bridge to remove non-original materials such as dirt, spider webs and stains. Graffiti removal may involve power washing, applying chemical solvents, or rolling on paint over the graffiti. Bridge painting will involve power washing following by applying paint with either a roller or pneumatic spray gun. Containment measures including drop cloths and spill containment measures will be used to prevent deleterious material from entering State waters and avoid adverse impacts to fish and wildlife resources.

The Department may repair critically scoured bridge piles with rock slope protection. Such work shall not exceed 100 linear feet in length. Unless approved in writing by CDFW, individual project sites must be separated by a distance of at least 1,500 feet within the same channel.

The Department may repair timber bridges and boat/ ferry ramps such as replacing deck platforms and stringers, provided that containment measures are used to prevent deleterious materials from entering state waters and avoid adverse impacts to fish and wildlife resources.

9. Silt, Sand or Sediment Removal

The Department would displace or remove (under dry conditions) silt, sand, gravel, or sediment in the immediate vicinity (within 50 feet of natural channels and within 250 feet of un-vegetated altered channels) of natural or man-made structures and facilities, both lined and unlined, that could substantially obstruct water flow, reduce channel capacity, accelerate erosion, damage concrete box culverts, metal culverts, bridge structures or other facilities. Silt, sand, and sediment removal efforts may extend further from structures if approved by CDFW during the VRF process. Such structures or facilities may include storm drains, outfalls, bridges, culverts, basins, and the invert of creeks and channels. Removal of silt, sand, or other sediments may be followed by re-vegetation efforts.

10. Maintenance of Existing Recreational Facilities

The Department would maintain access roads, existing trails along creek corridors and at trail creek crossings, paved bicycle and pedestrian paths and other existing recreational facilities along creek corridors within areas of CDFW jurisdiction. Vegetation control equipment is expected to largely be comprised of herbicides, mowers, chainsaws, and other hand tools, with the occasional use of a backhoe. The Department would remove debris, woody and herbaceous vegetation, trees which are in

clear danger of falling in or across a trail/creek crossing, trim obstructing branches and downed trees, selective trimming for public safety and visibility and perform general maintenance on trail facilities such as benches, signage, pedestrian bridges, culverts, slope stabilization, erosion control, etc. Vegetation would be maintained to ensure a minimum clearance of five (5) feet from the edge of an improved access road, trail, and associated facilities to maintain trail safety and public access.

1.4 Activities Not covered by RMA

The following activities are not covered by an RMA, or do not require a VRF:

Removal, repair, or replacement of facilities in non-CDFW jurisdiction: Stormwater run-off and/or sheet flow from pervious and impervious surfaces that does not drain into intermittent or perennial streams or lakes is not habitat for fish or wildlife and does not fall under CDFW jurisdiction. For example, work to remove, replace, or repair small (12- to 36- inch diameter) culverts and/or pipes conveying these types of waters, or located in uplands and/or developed areas, are not subject to CDFW approval under this RMA or a separate Section 1602 Streambed Alteration Agreement.

Emergency repair work: Fish and Game Code Section 1610 defines the type of emergency work not subject to Section 1600 notification. Emergency work includes immediate emergency work necessary to protect life or property, maintain service as a result of a disaster in an area in which a state of emergency has been proclaimed by the CA Governor, and emergency projects approved by a state or local governmental agency to maintain, repair, or restore an existing highway damaged by fire, flood, storm, earthquake, land subsidence, gradual earth movement, or landslide within one year of the damage. The Department will notify CDFW of emergency repair work within watercourse areas under CDFW jurisdiction within 14 days after work begins, according to Section 1610 of the Fish and Game Code (https://wildlife.ca.gov/Conservation/Environmental-Review/LSA/Agreement-Types#55230889-emergency-work).

New or replacement construction projects contained in El Dorado County's Capital Improvement Plan (CIP): Because of their scale, CIP projects typically require a stand-alone Section 1602 Streambed Alteration Agreement from CDFW.

Maintenance work that would increase the water supply capacity of a facility beyond the designed (as-built) capacity: Activities that increase facility capacity include replacement of culverts, pipes, or other conveyance structures over 36 inches in diameter and within larger facilities/ structures.

Maintenance work conducted on non-County private property by other landowners: Landowners working in watercourse areas on private property are responsible for obtaining their own Streambed Alteration Agreement as necessary.

1.5 Verification Request Forms

Prior to any routine maintenance work the Department will submit a VRF to CDFW. Information provided in the VRF will include type of request (Routine or Urgent) location and name of watercourse, description of work activities, equipment to be used, size of impact area, known environmental concerns and whether a temporal variance request is needed to complete work. CDFW may approve the request with additional monitoring or mitigation measures as deemed necessary. Denied requests may need alteration or separate notification under Fish and Game Code Section 1602.

Chapter 2 – Study Methods

Special-status species in this Report are those listed (or candidate or proposed) under the federal or state endangered species acts, under the California Native Plant Protection Act, as a California species of special concern or fully protected by CDFW, or that are on California Rare Plant Rank 1 or 2 (CNPS 2021). Special-status natural communities in this Report are waters, wetlands, and riparian communities. Sensitive species and/or resources data were acquired from the California Natural Diversity Database (CNDDB) Rarefind and BIOS applications with a nine-quadrangle search (CNDDB 2021a), the Information for Planning and Consultation (IPaC) online system (USFWS 2021a), the California Department of Fish and Wildlife (CNDDB 2021b), and sensitive species lists from the ENF, TMBU, and TRPA. These data sources served as reference information to determine which sensitive species and/or resources are known to occur in or near the BSA.

Results from data queries indicate that at least 148 sensitive species are known to occur in or near the BSA: 80 species of plants, 66 species of wildlife, and two vernal pool invertebrates. Habitat requirements for species were determined based on descriptions from the NatureServe website (NatureServe 2021) along with the other resources cited in this document and listed in Chapter 6, References. Summary accounts and life history information for these species are included in Chapter 3.

2.1 Geography of El Dorado County

Discussion of biological resources in this report is organized by the geographic regions of El Dorado County further divided by elevation zones. In addition, the CRS maps are overlayed for reference in Chapter 3 (figures 3 through 5).

The elevation gradient in El Dorado County is approximately 195 to 10,880 feet above mean sea level (amsl) and habitat is on both the eastern and western sides of the Sierra Nevada range. Due to the extent of the elevation range, the RMA service area covers a wide variety of habitat.

Tahoe Basin Service Area

Tahoe Basin CRS Maps

10H Series	10H	10H31	10H41	--
9H Series	9H24	9H35	9H45	9H55

The Tahoe Basin service area occurs in alpine and subalpine habitats. Conifer species that define subalpine forests of the Sierra Nevada near Lake Tahoe include whitebark pine (*Pinus albicaulis*), foxtail pine (*P. balfouriana*), limber pine (*P. flexilis*), bristlecone pine (*P. longaeva*), western white pine (*P. monticola*), lodgepole pine (*P. contorta*), and mountain hemlock (*Tsuga mertensiana*). Other common conifer species dominate subalpine forests and include red fir (*Abies magnifica*), Sierra juniper (*Juniperus occidentalis*) and Jeffrey pine (*Pinus jeffreyi*) at lower elevations (Meyer 2013). To the east and south of Lake Tahoe, sagebrush, pinyon pine (*P. monophylla*), and juniper dominate the landscape into Nevada (USFS 2014).

West Side of Tahoe Basin (above 3,500 feet) Service Area

West Side of Tahoe Basin (above 3,500 feet) CRS Maps

8H Series	8H east	8H54	8H55	8J14	8J15
8J Series	8J14	8J15	--	--	--

The West Side of the Tahoe Basin (above 3,500 feet) service area also occurs in some subalpine habitat and includes lower and upper montane habitats. As elevation decreases on the west slope, subalpine habitats are replaced with montane habitat, encompassing mixed conifer, yellow pine, and mixed hardwood forests. Red fir, Jeffrey pine, and lodgepole pine forests, meadows, and chaparral comprise the upper montane vegetation (USFS 2014).

West Side (3,500 feet and below) Service Area

West Side (3,500 feet and below) CRS Maps

7H Series	all 7H	--	--	--	--	--	--
8H Series	8H west	8H31	8H41	8H42	8H51	8H52	8H53
8J Series	8J west	8J11	8J12	8J13	8J21	--	--

The West Side (3,500 feet and below) service area occurs primarily in foothill woodland and chaparral habitat. The lowest elevations of the BSA are comprised of chaparral, blue oak (*Quercus douglasii*) savannahs, live oak (*Q. agrifolia*) woodlands and forests, riparian along rivers and streams, seeps, and scattered gray pine (*P. sabiniana*) or occasional patches of knobcone pine (*P. attenuata*). The foothills are the most altered, and fragmented from human development, and are generally lower in elevation than the western boundary of the Eldorado National Forest (USFS 2014).

Several of the special-status species in the BSA are associated with aquatic systems. Appendix C lists the named surface waters that occur in El Dorado County. Tables of work windows and Avoidance and Minimization measures are included to assist the Department's maintenance personnel when reviewing and preparing VRF's (Chapter 4).

2.2 Description of Physical Conditions

The BSA is located in the entirety of El Dorado County from the Sacramento County line east to South Lake Tahoe. Elevations in the BSA range from approximately 195 to 10,880 feet. Rivers, creeks, and tributaries within the BSA eventually flow to the Sacramento River and ultimately the Pacific Ocean. They originate among the peaks of the Sierra Nevada. Watercourses in the BSA flow through subalpine forests, pine forests, oak woodlands, chaparral, rolling hills and agricultural lands. The watercourses included in the BSA are listed in Appendix C.

2.3 Regulatory Requirements

The purpose of this Biological Assessment is to document biological studies and perform analyses and evaluations necessary to satisfy the legal requirements of State and federal statutes. These statutes include:

- Section 404 of the Clean Water Act (33 U.S.C. 1251-1376).
- Section 401 Water Quality Certification (33 U.S.C. 1341).
- Section 402 of the Clean Water Act (33 U.S.C. 1342).
- Section 1602 of the California Fish and Game Code pertains to streambed alterations.
- Federal Endangered Species Act (16 U.S.C. 1531-1543).

- California Endangered Species Act (California Fish and Game Code 2050 et seq.).
- California Environmental Quality Act (P.R.C. 21000 et seq.).
- Native Plant Protection Act (California Fish and Game Code 1900-1913).
- Natural Community Conservation Planning (California Fish and Game Code Section 2800).
- California Wild and Scenic Rivers Act (P.R.C. 5093.50 et seq.).
- Migratory Bird Treaty Act of 1918 (16 U.S.C. 703-711).
- El Dorado County Oak Resource Management Plan

Section 404 Permit - U.S. Army Corps of Engineers

The Corps and the U.S. Environmental Protection Agency regulate the discharge of dredge and fill material into "waters of the United States" under Section 404 of the Clean Water Act (33 U.S.C. 1344). The Corps issues permits for certain dredge and fill activities in waters of the U.S. pursuant to the regulations in 33 CFR 320-330.

Section 401 Water Quality Certification - Regional Water Quality Control Board

Under Section 401 of the Clean Water Act (33 U.S.C. 1341), applications for a federal permit or license for any activity that may result in a discharge to a water body require a State Water Quality Certification to ensure that the proposed activity complies with state water quality standards.

Section 402 of the Clean Water Act - NPDES Construction General Permit and Phase I and II Permits (MS4s) - Regional Water Quality Control Board

Section 402(p) of Clean Water Act establishes a permit under the National Pollution Discharge Elimination System (NPDES) program for discharges of storm water associated with construction activity so long as the dischargers comply with all requirements, provisions, limitations, and prohibitions in the permit. For ground disturbing construction activity, including demolition, clearing, grading, and excavation, and other land disturbance activities in excess of one acre a NPDES General Permit from the RWQCB is required. The preparation of a Stormwater Pollution Prevention Plan (SWPPP) is a requirement of the NPDES General Permit.

The NPDES Program also permits discharges of pollutants in storm water runoff to waters of the United States in two main program areas: Phase I and II Municipal Separate Storm Sewer Systems (MS4s). The Phase I (populations of 100,000 or greater) and Phase II (populations under 100,000) permits are used to reduce pollutants from reaching surface waters by requiring specified control measures for discharges of pollutants in storm water and non-storm water, including sediment, preventing exposure of pollutant sources to storm water, preventing alterations to hydrology affecting sediment loads in local waters, and erosion and pollutant discharges from construction and roadways/operations. The Tahoe Basin portion of El Dorado County is a co-permittee with the City of South Lake Tahoe and Placer County and is under a Phase I Permit, currently Order Number R6T-2017-0010, and the unincorporated portion of El Dorado County's west slope is covered under a Phase II Permit. One program element of Phase I and II MS4 Permits requires permittees to conduct operation and maintenance (O&M) of storm drain infrastructure and to implement best management practices (BMPs) while conducting O&M activities to the maximum extent practicable (MEP). The purpose of the BMP implementation is to reduce or

prevent pollutants in storm water and non-storm water discharges and to prevent materials extracted during O&M activities from reentering the MS4.

Section 1602 Streambed Alteration Agreement – CDFW

Section 1602 of the Fish and Game Code requires any person, government agency, or public utility proposing any activity that will divert or obstruct the natural flow or change the bed, channel, or bank of any river, stream, or lake, or proposes to use any material from a streambed, must first notify CDFW of such proposed activity.

Federal Endangered Species Act (ESA)

ESA defines take (Section 9) and prohibits taking of a federal-listed endangered or threatened animal without an Incidental Take Permit (16 U.S.C. 1532, 50 CFR 17.3). If a federal-listed animal could be harmed, harassed, injured, or killed by a project, a Section 7 consultation is initiated by a federal agency or a Section 10 consultation is initiated by a local agency or private applicant. Formal consultations culminate with a Biological Opinion and may result in the issuance of an Incidental Take Permit.

California Endangered Species Act (CESA)

CESA prohibits take of wildlife and plants listed as threatened or endangered by the California Fish and Game Commission. “Take” is defined under California Fish and Game Code as any action or attempt to “hunt, pursue, catch, capture, or kill.” CESA allows exceptions for take that occur during otherwise lawful activities. Section 2081 of the California Fish and Game Code describes the requirements needed for incidental take applications under CESA. Incidental take of state-listed species may be authorized if an applicant submits a plan that minimizes and mitigates the impacts of take.

California Environmental Quality Act (CEQA)

CEQA requires public agencies to analyze and disclose environmental impacts from approved projects and implement alternatives and mitigation measures to abate those impacts. During CEQA review, impacts to any wildlife or plant species listed under CESA, Native Plant Protection Act (NPPA), or other special statuses will be mitigated.

California Fish and Game Code

The California Fish and Game Code defines ‘take’ (Section 86) and prohibits ‘taking’ of a species listed as threatened or endangered under CESA (California Fish and Game Code Section 2080) or otherwise fully protected, as defined in California Fish and Game Code Sections 3511, 4700, and 5050.

Native Plant Protection Act (California Fish and Game Code 1900-1913)

Section 1900-1913 of the California Fish and Game Code describes regulation to determine if a species, subspecies, or variety of native plant is endangered or rare; and governing the taking, possession, propagation, transportation, exportation, importation, or sale of endangered or rare native plants.

Natural Community Conservation Planning (NCCP)

The NCCP protects declining plant and wildlife species and their habitats through a collaborative effort between the State of California, USFWS, landowners, and other public and private stakeholders. Currently, no NCCP plans exist in EDC, but species that occur in EDC are managed through NCCP in other counties, such as western pond turtle (*Actinemys marmorata*) in the Placer County Conservation Plan (CDFW 2021a).

California Wild and Scenic Rivers Act

Section 5093.50-5093.70 establishes a California Wild and Scenic Rivers System. It is the policy of the State of California that these rivers which possess extraordinary scenic, recreational, fishery, and wildlife values shall be preserved in their free-flowing state, together with their immediate environments.

Federal Migratory Bird Treaty Act (MBTA) and Bald and Golden Eagle Protection Act (BGEPA)

All migratory birds are protected under the federal MBTA of 1918 (16 U.S.C. 703-711). The MBTA makes it unlawful to take, possess, buy, sell, purchase, or barter any migratory bird listed in 50 CFR Part 10 including feathers or other parts, nests, eggs, or products, except as allowed by implementing regulations (50 CFR Part 21).

Eagles are protected under the federal Bald and Golden Eagle Protection Act of 1940 (16 U.S.C. 668-668d, as amended). This law provides for the protection of the bald eagle (the national emblem) and the golden eagle by prohibiting, except under certain specified conditions, the taking, possession and commerce of such birds (50 CFR Part 22).

Any work activity-related disturbance that causes direct injury, death, nest abandonment, or forced fledging of migratory birds is restricted under the MBTA and BGEPA. Any removal of active nests during the breeding season, or any disturbance that results in the abandonment of nestlings, is considered a ‘take’ of the species under federal law.

Other Special-Status Species Classifications

Other special-status species classifications evaluated in this BA include California Species of Special Concern (SSC), species on lists 1B and 2 of the California Native Plant Society (CNPS 2021), and active raptor nests.

El Dorado County Oak Resource Management Plan

The Oak Resource Management Plan (ORMP) serves multiple purposes. It defines the County's conservation strategy for oak resources and provides a framework for mitigating impacts to oak resources. It also complies with Implementation Measure CO-P and constitutes the oak portion of the County's Biological Resources Mitigation Program (General Plan Policy 7.4. 2.8) (El Dorado County 2004). Finally, it establishes a plan for voluntary conservation that landowners, the County, and others can use to seek grants and cost sharing from state and federal programs for oak woodland conservation in El Dorado County. An oak woodland removal permit shall be required for discretionary or ministerial (e.g., building permits) projects to authorize removal of any trees that are a component of an oak woodland (El Dorado County 2017).

2.4 Studies Required

An official letter and list were obtained from the U.S. Fish and Wildlife Service (USFWS), Sacramento Field Office on 10 February 2022 (Appendix D). The lists identify federal-listed, candidate, and proposed species that potentially occur in, or could be affected by, maintenance activities in the BSA.

The California Natural Diversity Database (CNDDB) was queried for known occurrences of special-status species in or near the BSA (44 quads surrounding the BSA; data dated 15 September 2021; Appendix E).

Data received from USFWS, CNDDB, and CNPS records was used along with known habitat requirements to assess a species' potential to occur (Chapter 3). The CNDDB tracks other species that have not been designated by CDFW as a California species of special concern; these species were not evaluated as special-status species in this report. Similarly, CNPS tracks rank 3 and 4 plants that correspond to plants in which more information is needed and watch list plants, respectively; these species were not evaluated in this report. No biological surveys were conducted in preparation for this report.

2.5 Agency Coordination and Professional Contacts

Ms. Caitlyn Oswalt, Environmental Scientist, CDFW, was contacted by email to discuss the development of the RMA.

2.6 Limitations That May Influence Results

No problems or limitations were encountered that may have influenced the results.

Chapter 3 – Results: Elevation Zones, CRS Maps, and Biological Resources

3.1 Discussion of Special Status Natural Communities

Routine maintenance work may occur within special status natural communities. These communities are waters, wetlands, wet meadows, riparian forests, and oak woodlands. Other work may occur in annual grasslands or manmade facilities.

El Dorado County has a variety of surface water features, such as lakes, ponds, rivers, streams, springs, seeps, and vernal pools. These waters support unique vegetation assemblages which are affected by the hydrologic regimes of these features. Wetlands, composed of wet soils and vegetation species adapted to those wet soils, occur around surface water features. Riparian forests and wet meadows occur around rivers and streams where they are supported by groundwater and the river or stream's floodplain (USFS 2014).

Waters, wetlands, wet meadows, and riparian communities support biodiversity by providing habitat for many plant and animal species and provide ecosystem services. One fifth of the terrestrial vertebrate animal species in the Sierra Nevada depend on riparian habitat and about one quarter of wildlife species that depend on riparian habitat are considered to be at risk. In addition to supporting diverse biota, wetlands and riparian areas also play critical roles in ecosystem services by providing water storage and filtering to improve water quality (USFS 2014). Maintenance activities performed in waters, wetlands, and associated wetland communities may be subject to federal and state regulations (see Regulatory Requirements section in Chapter 2).

Oak woodlands occur on low-elevation foothills in El Dorado County and are managed through the El Dorado County Oak Woodland Management Plan which protects resources within oak woodlands and preserves acreages and canopy covers of the vegetation (El Dorado County 2007). In El Dorado County, oak woodlands provide habitat for species such as deer and California spotted owl and support riparian habitat (El Dorado County 2007, USFS 2014).

3.2 Discussion of Biological Resources in BSA Elevation Zones

Biological resources with potential to occur in each elevation zone are listed below. Many of the species occur at multiple elevation zones. The determination of which species may occur in each elevation zone are based on CNDDB records, CNPS records, and the USFWS official letter. A full list of these species is included in Appendix F.

Tahoe Basin Service Area

Table 1 provides the special status wildlife with the potential to occur in the Tahoe Basin Service Area. Table 2 provides the special status plants with the potential to occur. Figure 3 shows the location map with the CRS maps overlayed for reference.

Table 1. Special status wildlife with the potential to occur in the Tahoe Basin Service Area

Scientific Name	Common Name	Status*	Potential to Occur in the BSA
Hydromantes platycephalus	Mount lyell salamander	WL	L
Rana muscosa	Mountain yellow legged frog (northern DPS)	FE, SE, USFSS	L
Lithobates pipiens	Northern leopard frog	SSC	M
Ambystoma macrodactylum sigillatum	southern long-toed salamander	SSC	H
Phrynosoma blainvillii	Coast horned lizard	BLMS, SSC	L
Cypseloides niger	Black swift	SSC, BCC	L
Aquila chrysaetos	golden eagle	BLMS, FP, BCC, BGEPA	L
Strix nebulosa	great gray owl	SE, USFSS, ENF	L
Chondestes grammacus	Lark sparrow	–	L
Lanius ludovicianus	Loggerhead shrike	SSC, BCC	L
Asio otus	long-eared owl	SSC	M
Accipiter gentilis	northern goshawk	BLMS, USFSS, ENF, SSC	M
Circus hudsonius	Northern harrier	SSC	L
Contopus cooperi	Olive sided flycatcher	SSC, BCC	L
Setophaga petechia	Yellow warbler	SSC, BCC	L
Taxidea taxus	American badger	SSC	M
Gulo gulo	California wolverine	ST, FP, SCC	M
Pekania pennanti pop. *2*	fisher – Southern Sierra Nevada DPS	FE, FT, BLMS, USFSS, ENF, SSC	M
Vulpes necator	Sierra Nevada red fox	FPE, ST, USFSS	L
Lepus americanus tahoensis	Sierra Nevada snowshoe hare	SSC	M
Lepus townsendii	western white-tailed jackrabbit	SSC	L
Corynorhinus townsendii pallescens	Pale big eared bat	–	L
Myotis ciliolabrum	Small footed myotis	BLMS	L
Myotis evotis	Long-eared myotis	BLMS	L
Myotis volans	Long-legged myotis	–	M
Myotis thysanodes	Fringed myotis	BLMS, USFSS, ENF	M
Myotis yumanensis	Yuma myotis	BLMS	L
Oncorhynchus clarkii henshawi	Lahontan cutthroat trout	FT	M
Siphateles bicolor pectinifer	Lahontan Lake tui chub	SSC	M
Catostomus platyrhynchus	mountain sucker	SSC	M
Capnia lacusta	Lake Tahoe benthic stonefly	–	M

Status codes:
FE: Federally Endangered (ESA)
FT: Federally Threatened (ESA)
FPE: Federally Proposed for listing as Endangered
BLMS: Bureau of Land Management Sensitive
USFSS: U.S. Forest Service Sensitive
ENF: Eldorado National Forest Sensitive Species
BGEPA: Bald and Golden Eagle Protection Act
SSC: CDFW Species of Special Concern
WL: CDFW Watch List
SE: California State Endangered (CESA)
ST: California State Threatened (CESA)
FP: CDFW Fully Protected
BCC: USFWS Bird of Conservation Concern

Potential to Occur Codes:
L=Low; unlikely to occur (no habitat or CNDDB records)
M=Moderate (limited habitat, may forage or pass through the area, few CNDDB records)
H=High (habitat is widespread, many CNDDB records)

Table 2. Special status plants with the potential to occur in the Tahoe Basin Service Area

Scientific Name	Common Name	Status*	Number of CNDDB Occurrences
Chaenactis douglasii var. alpina	Alpine dusty maidens	2B.3	5
Astragalus austiniae	Austin's astragalus	1B.3	6
Helodium blandowii	Blandow's bog moss	2B.3	3
Gratiola heterosepala	Boggs Lake hedge-hyssop	1B.2	0
Meesia uliginosa	Broad-nerved hump moss	2B.2	3
Draba asterophora var. macrocarpa	Cup lake draba	1B.1	4
Carex davyi	Davy's sedge	1B.3	3
Eriogonum umbellatum var. torreyanum	Donner Pass buckwheat	1B.2	0
Arabis rigidissima var. demota	Galena creek rockcress	1B.2	2
Viola purpurea ssp. aurea	golden violet	2B.2	0
Eriogonum luteolum var. saltuarium	Jack's wild buckwheat	1B.2	0
Lewisia longipetala	Long-petaled lewisia	1B.3	9
Dryopteris filix-mas	male fern	2B.3	0
Epilobium palustre	marsh willowherb	2B.3	1
Botrychium minganense	Mingan moonwort	2B.2	33
Carex limosa	Mud sedge	2B.2	8
Sphaeralcea munroana	Munro's desert mallow	2B.2	0
Erigeron nevadincola	Nevada daisy	2B.3	0
Potamogeton epihydrus	Nuttall's ribbon-leaved pondweed	2B.2	1
Botrychium paradoxum	Paradox moonwort	2B.1	0
Potamogeton robbinsii	Robbins' pondweed	2B.3	1
Botrychium crenulatum	Scalloped moonwort	2B.2	24
Elymus scribneri	Scribner's wheat grass	2B.3	0
Stuckenia filiformis ssp. alpina	Slender-leaved pondweed	2B.2	1
Erigeron miser	Starved daisy	1B.3	1
Cryptantha crymophila	Subalpine cryptantha	1B.3	0
Draba asterophora var. asterophora	Tahoe draba	1B.2	6
Artemisia tripartita ssp. tripartita	Threetip sagebrush	2B.3	0
Botrychium ascendens	upswept moonwort	2B.3	6
Schoenoplectus subterminalis	Water bulrush	2B.3	2
Brasenia schreberi	Watershield	2B.3	2
Botrychium montanum	Western goblin	2B.1	10
Carex scirpoidea ssp. pseudoscirpoidea	Western single-spiked sedge	2B.2	0

Status codes:

1B.1 = Rare, threatened, or endangered in California and elsewhere; seriously threatened in California

1B.2 = Rare, threatened, or endangered in California and elsewhere; fairly threatened in California

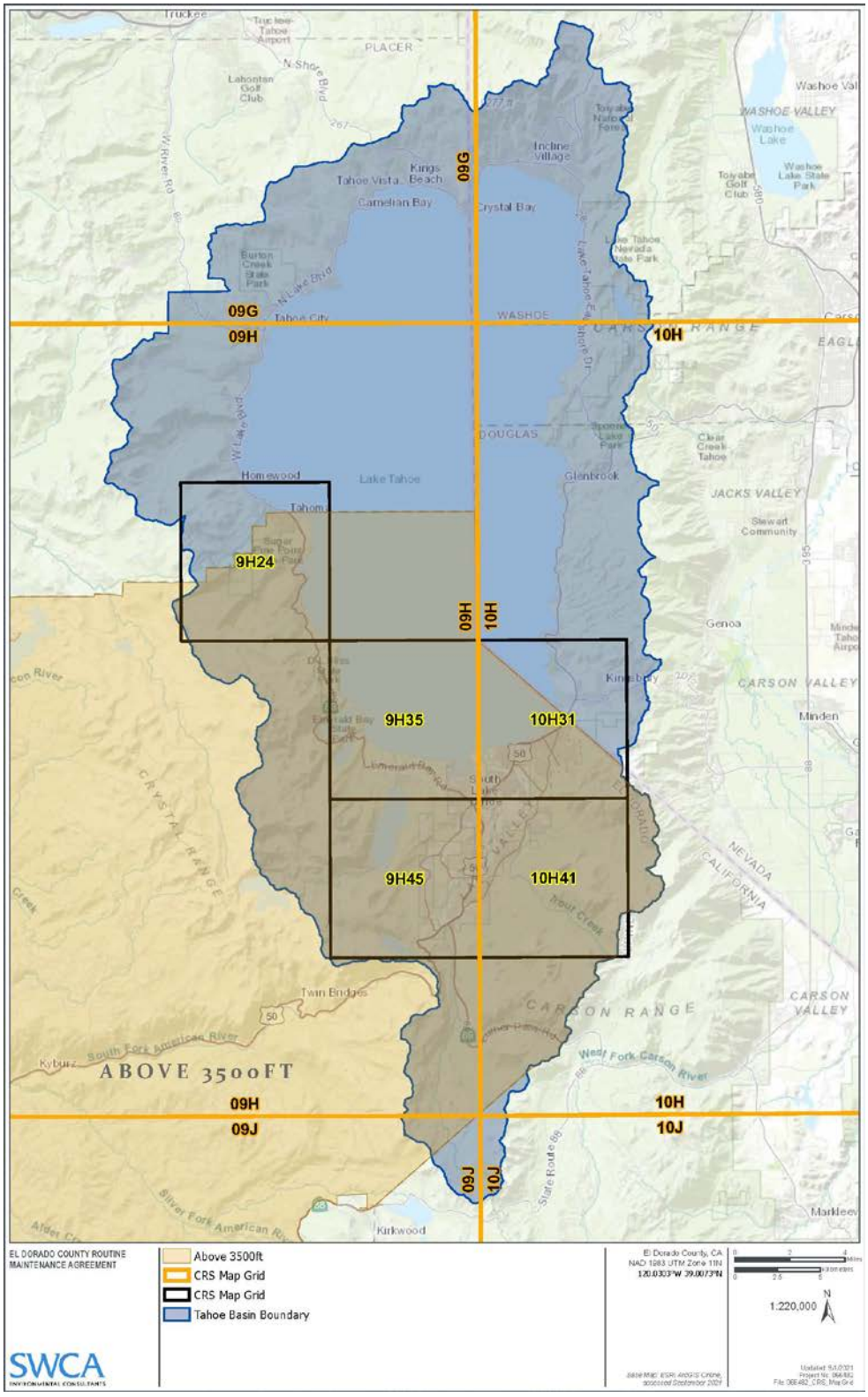
1B.3 = Rare, threatened, or endangered in California and elsewhere; not very threatened in California

2B.1 = Rare, threatened, or endangered in California but more common elsewhere; seriously threatened in California

2B.2 = Rare, threatened, or endangered in California but more common elsewhere; fairly threatened in California

2B.3 = Rare, threatened, or endangered in California but more common elsewhere; not very threatened in California

Figure 3. Tahoe Basin Service Area



West Side of Tahoe Basin (above 3,500 feet) Service Area

Table 3 provides the special status wildlife with the potential to occur in the West Side of Tahoe Basin (above 3,500 feet) Service Area. Table 4 provides the special status plants with the potential to occur. Figure 4 shows the location map with the CRS maps overlayed for reference.

Table 3. Special status wildlife with the potential to occur in the West Side of Tahoe Basin Service Area (above 3,500 feet elevation)

Scientific Name	Common Name	Status*	Potential to Occur in the BSA
Rana draytonii	California red-legged frog	FT, SSC	M
Rana boylii	Foothill yellow-legged frog	SE, BLMS, USFSS, ENF, SCC	H
Hydromantes platycephalus	Mount lyell salamander	WL	M
Rana muscosa	Mountain yellow legged frog (northern DPS)	FE, SE, USFSS	L
Lithobates pipiens	Northern leopard frog	SSC	L
Rana sierrae	Sierra Nevada yellow-legged frog	FE, ST, USFSS, ENF	H
Ambystoma macrodactylum sigillatum	Southern long-toed salamander	SSC	H
Phrynosoma blainvillii	Coast horned lizard	BLMS, SSC	L
Emys marmorata	Western pond turtle	BLMS, USFSS, ENF, SSC	L
Anaxyrus canorus	Yosemite toad	FT, USFSS, ENF, SCC	L
Falco peregrinus anatum	American peregrine falcon	FP, BCC	L
Haliaeetus leucocephalus	Bald eagle	SE, BLMS, USFSS, FP, BCC, BGEPA	M
Cypseloides niger	Black swift	SSC, BCC	L
Athene cunicularia	Burrowing owl	SSC, BCC	L
Strix occidentalis	California spotted owl	BLMS, USFSS, ENF, SSC, BCC	L
Aquila chrysaetos	Golden eagle	BLMS, FP, BCC, BGEPA	M
Strix nebulosa	Great gray owl	SE, USFSS, ENF	M
Setophaga occidentalis	Hermit warbler	–	L
Chondestes grammacus	Lark sparrow	–	L
Lanius ludovicianus	Loggerhead shrike	SSC, BCC	L
Asio otus	Long-eared owl	SSC	L
Falco columbarius	Merlin	WL	L
Accipiter gentilis	Northern goshawk	BLMS, USFSS, ENF, SSC	M
Circus hudsonius	Northern harrier	SSC	L
Contopus cooperi	Olive-sided flycatcher	SSC, BCC	L
Empidonax difficilis	Pacific slope flycatcher	–	L
Progne subis	Purple martin	SSC	L
Buteo swainsoni	Swainson's hawk	ST, BLMS, BCC	L
Elanus leucurus	White-tailed kite	BLMS, FP	L
Setophaga petechia	Yellow warbler	SSC, BCC	L
Xanthocephalus xanthocephalus	Yellow-headed blackbird	SSC	L
Taxidea taxus	American badger	SSC	L
Gulo	California wolverine	ST, FP, SCC	M
Pekania pennanti pop. *2*	Fisher – Southern Sierra	FE, ST, BLMS, USFSS,	M

Scientific Name	Common Name	Status*	Potential to Occur in the BSA
	Nevada DPS	ENF, SSC	
Aplodontia rufa californica	Sierra Nevada mountain beaver	SSC	H
Vulpes vulpes necator	Sierra Nevada red fox	FPE, ST, USFSS	M
Lepus americanus tahoensis	Sierra Nevada snowshoe hare	SSC	L
Corynorhinus townsendii	Townsend's big-eared bat	BLMS, USFSS, ENF, SSC	L
Lepus townsendii townsendii	Western white-tailed jackrabbit	SSC	L
Corynorhinus townsendii pallescens	Pale big-eared bat	–	L
Myotis ciliolabrum	Small-footed myotis	BLMS	L
Myotis evotis	Long-eared myotis	BLMS	L
Myotis volans	Long-legged myotis	–	M
Myotis thysanodes	Fringed myotis	BLMS, USFSS, ENF	M
Myotis yumanensis	Yuma myotis	BLMS	M
Antrozous pallidus	Pallid bat	BLMS, USFSS, ENF, SSC	M
Prosopium williamsoni	Mountain whitefish	SSC	L
Mylopharodon conocephalus	Hardhead	USFSS, ENF, SSC	L
Lepidurus packardi	Vernal pool tadpole shrimp	FE	L

Status codes:
FE: Federally Endangered (ESA)
FT: Federally Threatened (ESA)
FPE: Federally Proposed for listing as Endangered
BLMS: Bureau of Land Management Sensitive
USFSS: U.S. Forest Service Sensitive
ENF: Eldorado National Forest Sensitive Species
BGEPA: Bald and Golden Eagle Protection Act
BCC: USFWS Bird of Conservation Concern
SE: California State Endangered (CESA)
ST: California State Threatened (CESA)
FP: CDFW Fully Protected
SSC: CDFW Species of Special Concern
WL: CDFW Watch List

Potential to Occur Codes:
L=Low; unlikely to occur (no habitat or CNDDB records)
M=Moderate (limited habitat, may forage or pass through the area, few CNDDB records)
H=High (habitat is widespread, many CNDDB records)

Table 4. Special status plants with the potential to occur in the West Side of Tahoe Basin Service Area (above 3,500 feet elevation)

Scientific Name	Common Name	Status*	Number of CNDDB Occurrences
Rhamnus alnifolia	Alder buckthorn	2B.2	0
Glyceria grandis	American manna grass	2B.3	1
Balsamorhiza macrolepis	Big-scale balsamroot	1B.2	1
Helodium blandowii	Blandow's bog moss	2B.3	3
Gratiola heterosepala	Boggs Lake hedge-hyssop	1B.2	0
Meesia uliginosa	Broad-nerved hump moss	2B.2	3
Rhynchospora cqpitellata	Brownish beaked-rush	2B.2	3
Erythranthe carsonensis	Carson Valley monkeyflower	1B.1	0
Utricularia ochroleuca	Cream-flowered bladderwort	2B.2	1
Carex davyi	Davy's sedge	1B.3	3
Eriogonum umbellatum var. *torreyanum*	Donner Pass buckwheat	1B.2	0
Crepis runcinata	Fiddleleaf hawksbeard	2B.2	0
Viola purpurea ssp. *aurea*	Golden violet	2B.2	0
Orthotrichum holzingeri	Holzinger's orthotrichum moss	1B.3	0
Eriogonum luteolum var. *saltuarium*	Jack's wild buckwheat	1B.2	0
Allium jepsonii	Jepson's onion	1B.2	2
Dryopteris filix-mas	Male fern	2B.3	0
Scutellaria galericulata	Marsh skullcap	2B.2	7
Epilobium palustre	Marsh willowherb	2B.3	1
Botrychium minganense	Mingan moonwort	2B.2	33
Carex limosa	Mud sedge	2B.2	8
Erigeron nevadincola	Nevada daisy	2B.3	0
Arctostaphylos nissenana	Nissenan manzanita	1B.2	12
Ophioglossum pusillum	Northern adder's-tongue	2B.2	1
Potamogeton epihydrus	Nuttall's ribbon-leaved pondweed	2B.2	1
Viburnum ellipticum	Oval-leaved viburnum	2B.3	1
Botrychium paradoxum	Paradox moonwort	2B.1	0
Calochortus clavatus var. *avius*	Pleasant Valley mariposa-lily	1B.2	118
Sphenopholis obtusata	Prairie wedge grass	2B.2	0
Chlorogalum grandiflorum	Red Hills soaproot	1B.2	88
Potamogeton robbinsii	Robbins' pondweed	2B.3	1
Lewisia serrata	Saw-toothed lewisia	1B.1	4
Botrychium crenulatum	Scalloped moonwort	2B.2	24
Carex cyrtostachya	Sierra arching sedge	1B.2	15
Poa sierrae	Sierra blue grass	1B.3	7
Orcuttia tenuis	Slender Orcutt grass	1B.1, FESA, CESA	0
Stuckenia filiformis ssp. *alpina*	Slender-leaved pondweed	2B.2	1
Erigeron miser	Starved daisy	1B.3	1
Lomatium stebbinsii	Stebbins' lomatium	1B.1	0
Phacelia stebbinsii	Stebbins' phacelia	1B.2	23
Rorippa subumbellata	Tahoe yellow cress	1B.1, CESA	20
Allium tribracteatum	Three-bracted onion	2B.3	1
Botrychium ascendens	Upswept moonwort	2B.3	6
Calystegia vanzuukiae	Van Zuuk's morning glory	1B.3	5
Schoenoplectus subterminalis	Water bulrush	2B.3	2

Scientific Name	Common Name	Status*	Number of CNDDB Occurrences
Brasenia schreberi	Watershield	2B.3	2
Botrychium montanum	Western goblin	2B.1	10
Carex lasiocarpa	Woolly-fruited sedge	2B.3	0
Diplacus pulchellus (*Mimulus pulchellus*)	Yellow-lip pansy monkeyflower	1B.2	1

Status codes:
1B.1 = Rare, threatened, or endangered in California and elsewhere; seriously threatened in California
1B.2 = Rare, threatened, or endangered in California and elsewhere; fairly threatened in California
1B.3 = Rare, threatened, or endangered in California and elsewhere; not very threatened in California
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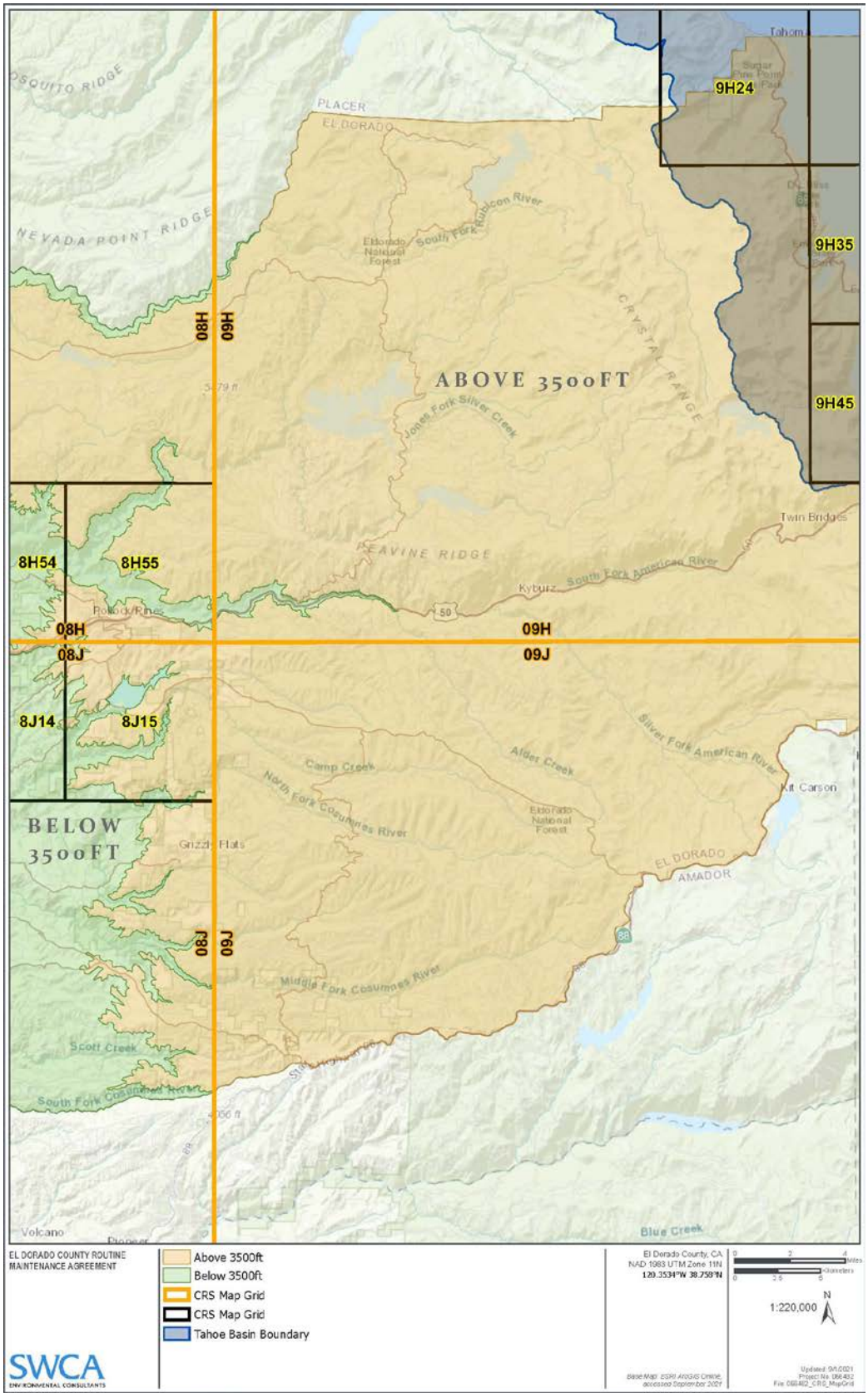
2B.2 = Rare, threatened, or endangered in California but more common elsewhere; fairly threatened in California
2B.3 = Rare, threatened, or endangered in California but more common elsewhere; not very threatened in California

Figure 4. West Side of Tahoe Basin (above 3,500 feet) Service Area



West Side (3,500 feet and below) Service Area

Table 5 provides the special status wildlife with the potential to occur in the West Side (3,500 feet and below) Service Area. Table 6 provides the special status plants with the potential to occur. Figure 5 shows the location map with the CRS maps overlayed for reference.

Table 5. Special status wildlife with the potential to occur in the West Side Service Area (3,500 feet elevation and below)

Scientific Name	Common Name	Status*	Potential to Occur in the BSA
Rana draytonii	California red-legged frog	FT, SSC	M
Ambystoma californiense pop. *1*	California tiger salamander (Central Valley DPS)	FT, SC	L
Rana boylii	Foothill yellow-legged frog	SE, BLMS, USFSS, ENF, SCC	H
Lithobates pipiens	Northern leopard frog	SSC	L
Rana sierrae	Sierra Nevada yellow-legged frog	FE, ST, USFSS, ENF	L
Ambystoma macrodactylum sigillatum	Southern long-toed salamander	SSC	L
Spea hammondii	Western spadefoot	BLMS, SSC	M
Phrynosoma blainvillii	Coast horned lizard	BLMS, SSC	M
Thamnophis gigas	Giant gartersnake	FT, ST	L
Emys marmorata	Western pond turtle	BLMS, USFSS, ENF, SSC	H
Falco peregrinus anatum	American peregrine falcon	FP, BCC	M
Haliaeetus leucocephalus	Bald eagle	SE, BLMS, USFSS, FP, BCC, BGEPA	M
Riparia riparia	Bank swallow	ST, BLMS	M
Cypseloides niger	Black swift	SSC, BCC	L
Athene cunicularia	Burrowing owl	SSC, BCC	L
Laterallus jamaicensis coturniculus	California black rail	ST, BLMS, FP, BCC	M
Strix occidentalis occidentalis	California spotted owl	BLMS, USFSS, ENF, SSC, BCC	L
Aquila chrysaetos	Golden eagle	BLMS, FP, BCC, BGEPA	M
Ammodramus savannarum	Grasshopper sparrow	SSC	L
Setophaga occidentalis	Hermit warbler	–	L
Chondestes grammacus	Lark sparrow	–	L
Lanius ludovicianus	Loggerhead shrike	SSC, BCC	L
Asio otus	Long-eared owl	SSC	L
Falco columbarius	Merlin	WL	L
Circus hudsonius	Northern harrier	SSC	L
Contopus cooperi	Olive-sided flycatcher	SSC, BCC	L
Empidonax difficilis	Pacific slope flycatcher	–	L
Progne subis	Purple martin	SSC	L
Buteo swainsoni	Swainson’s hawk	ST, BLMS, BCC	L
Agelaius tricolor	Tricolored blackbird	ST, SSC, BCC	H
Elanus leucurus	White-tailed kite	BLMS, FP	M
Empidonax traillii	Willow flycatcher	SE, USFSS, ENF, BCC	L
Setophaga petechia	Yellow warbler	SSC, BCC	L
Xanthocephalus xanthocephalus	Yellow-headed blackbird	SSC	L

Scientific Name	Common Name	Status*	Potential to Occur in the BSA
Taxidea taxus	American badger	SSC	L
Aplodontia rufa californica	Sierra Nevada mountain beaver	SSC	L
Vulpes vulpes necator	Sierra Nevada red fox	FPE, ST, USFSS	L
Corynorhinus townsendii	Townsend's big-eared bat	BLMS, USFSS, ENF, SSC	M
Corynorhinus townsendii pallescens	Pale big-eared bat	–	L
Myotis ciliolabrum	Small-footed myotis	BLMS	L
Myotis evotis	Long-eared myotis	BLMS	L
Myotis volans	Long-legged myotis	–	L
Myotis thysanodes	Fringed myotis	BLMS, USFSS, ENF	L
Myotis yumanensis	Yuma myotis	BLMS	M
Antrozous pallidus	Pallid bat	BLMS, USFSS, ENF, SSC	M
Oncorhynchus mykiss irideus pop. *11*	Steelhead – Central Valley DPS	FT	M
Mylopharodon conocephalus	Hardhead	USFSS, ENF, SSC	L
Desmocerus californicus dimorphus	Valley elderberry longhorn beetle	FT	M
Branchinecta lynchi	Vernal pool fairy shrimp	FT	M
Lepidurus packardi	Vernal pool tadpole shrimp	FE	L
Dumontia oregonensis	Hairy water flea	–	L

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FPE: Federally Proposed for listing as Endangered
BLMS: Bureau of Land Management Sensitive
USFSS: U.S. Forest Service Sensitive
ENF: Eldorado National Forest Sensitive Species
BGEPA: Bald and Golden Eagle Protection Act
BCC: USFWS Bird of Conservation Concern
SE: California State Endangered (CESA)
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FP: CDFW Fully Protected
SSC: CDFW Species of Special Concern
WL: CDFW Watch List

Potential to Occur Codes:
L=Low; unlikely to occur (no habitat or CNDDB records)
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H=High (habitat is widespread, many CNDDB records)

Table 6. Special status plants with the potential to occur in the West Side Service Area (3,500 feet elevation and below)

Scientific Name	Common Name	Status*	Number of CNDDB Occurrences
Juncus leiospermus var. *ahartii*	Ahart's dwarf rush	1B.2	0
Glyceria grandis	American manna grass	2B.3	1
Balsamorhiza macrolepis	Big-scale balsamroot	1B.2	1
Gratiola heterosepala	Boggs Lake hedge-hyssop	1B.2	0
Rhynchospora cqpitellata	Brownish beaked-rush	2B.2	3
Carex xerophila	Chaparral sedge	1B.2	7
Utricularia ochroleuca	Cream-flowered bladderwort	2B.2	1
Downingia pusilla	Dwarf downingia	2B.2	0
Galium californicum ssp. *sierrae*	El Dorado bedstraw	1B.2, FESA, CESA	17
Wyethia reticulata	El Dorado County mule ears	1B.2	25
Eriogonum apricum var. *apricum*	Ione buckwheat	1B.1, FESA, CESA	0
Arctostaphylos myrtifolia	Ione manzanita	1B.2, FESA	0
Eriogonum apricum var. *prostratum*	Irish Hill buckwheat	1B.1, FESA, CESA	0
Eryngium jepsonii	Jepson's coyote thistle	1B.2	0
Allium jepsonii	Jepson's onion	1B.2	2
Packera layneae	Layne's ragwort	1B.2, FESA, CESA	37
Legenere limosa	Legenere	1B.1	0
Scutellaria galericulata	Marsh skullcap	2B.2	7
Carex limosa	Mud sedge	2B.2	8
Arctostaphylos nissenana	Nissenan manzanita	1B.2	12
Ophioglossum pusillum	Northern adder's-tongue	2B.2	1
Potamogeton epihydrus	Nuttall's ribbon-leaved pondweed	2B.2	1
Epilobium oreganum	Oregon fireweed	1B.2	0
Viburnum ellipticum	Oval-leaved viburnum	2B.3	1
Horkelia parryi	Parry's horkelia	1B.2	16
Navarretia myersii ssp. *myersii*	Pincushion navarretia	1B.1	0
Ceanothus roderickii	Pine Hill ceanothus	1B.1, FESA, CESA	9
Fremontodendron decumbens	Pine Hill flannelbush	1B.2, FESA, CESA	7
Calochortus clavatus var. *avius*	Pleasant Valley mariposa-lily	1B.2	118
Carex hystericina	Porcupine sedge	2B.1	1
Potamogeton robbinsii	Robbins' pondweed	2B.3	1
Orcuttia viscida	Sacramento Orcutt grass	1B.1, FESA, CESA	0
Sagittaria sanfordii	Sanford's arrowhead	1B.2	1
Lewisia serrata	Saw-toothed lewisia	1B.1	4
Botrychium crenulatum	Scalloped moonwort	2B.2	24
Carex cyrtostachya	Sierra arching sedge	1B.2	15
Poa sierrae	Sierra blue grass	1B.3	7
Orcuttia tenuis	Slender Orcutt grass	1B.1, FESA, CESA	0
Stuckenia filiformis ssp. *alpina*	Slender-leaved pondweed	2B.2	1

Scientific Name	Common Name	Status*	Number of CNDDB Occurrences
Calystegia stebbinsii	Stebbins' morning-glory	1B.1, FESA, CESA	8
Phacelia stebbinsii	Stebbins' phacelia	1B.2	23
Boechera tularensis	Tulare rockcress	1B.3	1
Eryngium pinnatisectum	Tuolumne button-celery	1B.2	0
Calystegia vanzuukiae	Van Zuuk's morning glory	1B.3	5
Schoenoplectus subterminalis	Water bulrush	2B.3	2
Brasenia schreberi	Watershield	2B.3	2
Botrychium montanum	Western goblin	2B.1	10
Carex lasiocarpa	Woolly-fruited sedge	2B.3	0
Diplacus pulchellus (*Mimulus pulchellus*)	Yellow-lip pansy monkeyflower	1B.2	1

Status codes:
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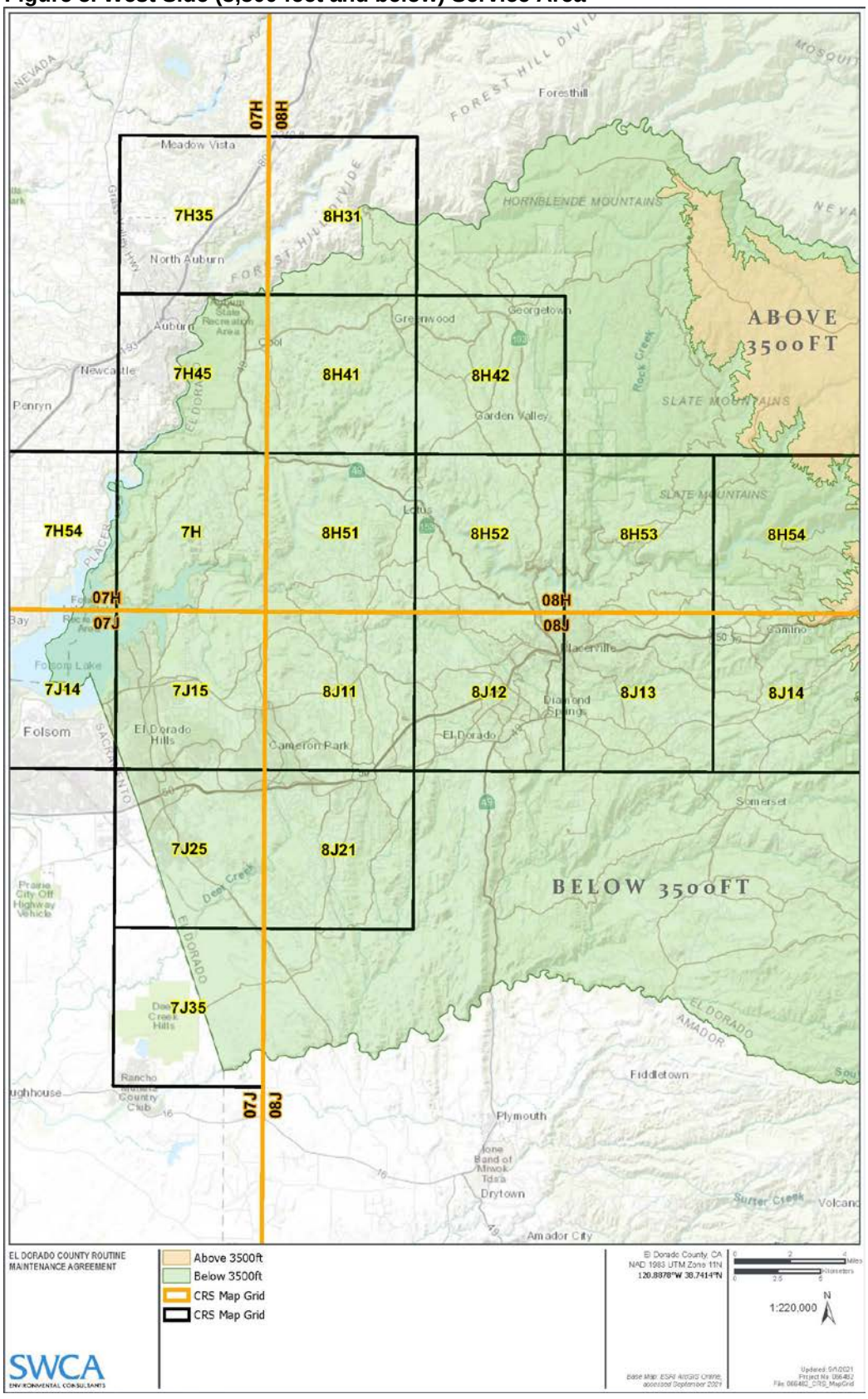
Figure 5. West Side (3,500 feet and below) Service Area



3.3 Discussion of Special Status Species

Species summaries below provide a brief account of the species and their potential to occur within the BSA including current CNDDB data, statuses, and life histories. Avoidance and Minimization Measures (AMM's) that are applicable to each species, group of species, or habitats are referenced. The list of AMM's is provided in Chapter 4. Unless otherwise stated, information provided for recorded occurrences of special status wildlife was obtained from CNDDB (2021) and habitat information was obtained from California Wildlife Habitat Relationships Program (1990).

Special Status Wildlife

American Badger

American Badgers are permanent residents throughout most of the State of California. Suitable habitat includes dry friable soils, shrubs, and herbaceous habitats. Indiscriminate trapping and persistent poisons used for predator control appears to have caused minimal recorded occurrences. One occurrence has been documented in Echo Lake that where suitable habitat is present. AMM1 and AMM2 will protect the American badger.

American Peregrine Falcon

The American peregrine falcon is found in riparian areas, inland wetlands, and coastal yearlong habitats. Yearlong residency has been observed in northern California. One occurrence was recorded in the BSA with its exact location suppressed. AMM1, AMM2, and AMM7 will protect the American peregrine falcon.

Bald Eagle

The bald eagle is a permanent resident in northern California. Breeding is mostly restricted to Butte, Lake, Lassen, Modoc, Plumas, Shasta, Siskiyou, and Trinity counties and about half of the wintering population is in the Klamath Basin. Bald eagles are not typical in the high elevations of the Sierra Nevada; they are more common at lower elevations. Potential habitat includes large, old-growth trees or snags in remote, mixed stands near water. In California, 87% of bald eagle nests are found within 1 mile of water. Habitat is abundant in the BSA, and nesting sites have been recorded near Emerald Bay and Robbs Peak. Occurrences have also been recorded near Meeks Bay, Pilot Hill, and Clarksville. AMM1, AMM2, and AMM7 will protect the bald eagle.

Bank Swallow

Bank swallows are neotropical migrants found primarily in riparian and other lowland habitats during spring-fall periods. Populations are often found in riparian, lacustrine and coastal areas during summer months. Suitable habitat includes shoreline vegetation, cliffs, and riverbanks. AMM1, AMM2, and AMM7 will protect the bank swallow.

Burrowing Owl

Burrowing Owl requires a variety of habitats including dry grassland, desert habitats, grass, forb, open shrub stages of pinyon-juniper and ponderosa pine habitats. No occurrences for the burrowing owl are recorded in the CNDDB for the BSA. AMM1, AMM2, and AMM7 will protect the burrowing owl.

California Black Rail

The California black rail is a year-round resident of emergent wetlands around coastal and inland areas of central and southern California. Habitats include vegetated areas of wetlands with shallow water. Wetland loss from waterway alteration and development has decreased California black rail habitat throughout their range in California. One occurrence of this species has been recorded in the BSA near the community of Clarksville in a residential area. AMM1, AMM2, and AMM7 will protect California black rail.

California Red-legged Frog (CRLF)

CRLF habitat combines both specific aquatic and terrestrial components and includes nearly any area within 1–2 miles of a breeding site that stays moist and cool through the summer. Non-breeding habitat is in pools of slow-moving streams, perennial or ephemeral ponds, and upland sheltering habitat such as rocks, small mammal burrows, logs, densely vegetated areas, and man-made structures (e.g., culverts and livestock troughs). Breeding habitat includes deep (greater than 2.5 feet), still or slow-moving water and can be near dense riparian or emergent vegetation or devoid any apparent vegetative cover (i.e., stock ponds). CRLF estivates (i.e., a prolonged state of torpor or dormancy) during summer or dry weather in small mammal burrows and moist leaf litter. They have been found up to 100 feet from water in adjacent dense riparian vegetation (USFWS 2017a).

CRLF critical habitat in the BSA is south and adjacent to U.S. Highway 50 between Camino and Pollock Pines, just north of Sly Park (USFWS 2021b). Six occurrences are recorded within the BSA. Two occurrences in Georgetown, and one each in Sly Park, Caldor, Clarksville, and Fiddletown. AMM1, AMM2 and AMM5 will protect the CRLF.

California Tiger-Salamander (CTS)

California tiger-salamanders are found in annual grassland habitat, grassy understory of valley-foothill hardwood habitats and along stream courses in valley-foothill riparian habitats. Seasonal ponds and vernal pools are crucial for breeding. No occurrences of CTS are recorded within the BSA. AMM1 and AMM5 will protect the CTS.

California Wolverine

Potential habitat for the California wolverine includes wet meadows, montane riparian habitats, dense forests, and rock outcrops. Five occurrences are recorded within the BSA including two near Pyramid Peak, one each near Clarksville, Emerald Bay, and Echo Lake. AMM1 and AMM2 will protect the California wolverine.

Coast Horned Lizard

Suitable habitat for the coast horned lizard includes open areas of sandy soil, low vegetation in valleys, foothills, and semiarid mountains. Grasslands, coniferous forests, woodlands, and chaparral are considered potential habitats. Four occurrences of the coast horned lizard have been recorded: three near Cameron Park and one at the Pine Hill State Ecological Reserve. AMM1 and AMM5 will protect the coast horned lizard.

Fisher West Coast Distinct Population Segment (DPS)

Suitable habitat for the fisher west coast DPS includes large-tree stages of coniferous forests, large trees, snags, logs, rock areas, and deciduous-riparian habitats with a large canopy closure. Four

occurrences are recorded in the BSA: one near Freel Peak (about 4 miles south of Meyers), one near Meeks Bay, one near Devil Peak (about 10.2 miles east of Quintette), and one near Placerville. AMM1 and AMM2 will protect the fisher.

Foothill Yellow-legged Frog (FYLF)

FYLF habitat in the BSA is in rocky streams that include wet meadows, mixed conifer, Ponderosa pine, and valley-foothill hardwood conifer forest. Potential habitat along with plant life, and streams have been identified within the BSA. Populations in Tragedy Spring were determined to be extirpated by Jennings and Hayes (1994). Five other occurrences have been recorded: one each in Leek Spring Hill, Aukum, and Old Iron Mountain, and two in Sly Park. AMM1, AMM2 and AMM5 will protect FYLF.

Giant Gartersnake

Giant gartersnakes inhabit surface waters and wetlands, including irrigated agricultural fields, canals, sloughs, ponds, streams, and adjacent uplands in California's Central Valley. The species will brumate through winter in small mammal burrows and other soil crevices above flood plains (USFWS 2017b). No occurrences for the giant gartersnake are recorded for the BSA. AMM1, AMM2 and AMM5 will protect the giant gartersnake.

Golden Eagle

Golden eagles are both year-round residents and migratory throughout California and will use forest, cave, shrubland, grassland, and oak woodland habitats. Year-round residents will locally migrate seasonally to downslope habitats during winter and upslope habitats after breeding season (CDFW 2021b). Three occurrences have been documented within the BSA: two around the community of Clarksville and one near the community of Strawberry. AMM1, AMM2, and AMM7 will protect the golden eagle.

Grasshopper Sparrow

Grasshopper sparrows, a migratory species, are summer residents in central and coastal California. Habitat preferences for this species include grasslands with scattered shrubs, grassland-like agricultural areas, and the ecotone between grasslands and sage scrublands (Shuford and Gardali 2008). No occurrences for the grasshopper sparrow are recorded in the CNDDB for the BSA. AMM1, AMM2, and AMM7 will protect the grasshopper sparrow.

Great Gray Owl

In California, great gray owls inhabit the Sierra Nevada mountain range in dense coniferous forest areas with adjacent wet meadows from 4,500–7,500 feet amsl. Five occurrences have been reported within the EDC. Four locations were suppressed (likely due to rapid decline of the species) and the other was documented in the southwest edge of Leoni Meadow along Clear Creek in Eldorado National Forest. AMM1, AMM2, and AMM7 will protect the great gray owl.

Lahontan Cutthroat Trout

In California, Lahontan cutthroat trout occupy cold, high-elevation mountain streams and lakes. Their range has been restricted to only 5% of their historic habitat in California due to impacts from non-native fish introductions and human-made waterway modifications. Most current populations exist from conservation and reintroduction efforts (CDFW 2021c). There have been two occurrences within

the BSA: one in Taylor Creek and one around the Caples Lake watershed. AMM1 will protect the Lahontan cutthroat trout.

Lahontan Lake Tui Chub

The Lahontan Lake Tui Chub is endemic to the Lahontan Basin in California and Nevada. In the BSA, the species occurs in Lake Tahoe where it utilizes a gradient of water depths and spawns around algal beds (NatureServe 2021). There has been one occurrence of this species within the BSA in the Meeks Bay area of Lake Tahoe. AMM1 will protect the Lahontan Lake Tui Chub.

Long-Eared Owl

Suitable habitat for the long-eared owl consists of riparian habitat, live oak groves, and other areas with dense tree cover throughout California. Habitat loss from urban development and agriculture has caused a decline in species populations since the 1940s. One occurrence of this species was documented south of Camp Richardson near Sawmill Pond. AMM1, AMM2, and AMM7 will protect the long-eared owl.

Midvalley Fairy Shrimp

The midvalley fairy shrimp is endemic to vernal pool habitats around California's Central Valley (USFWS 2005). No occurrences of this species are recorded in the CNDDB for the BSA. AMM1 and AMM3 will protect the midvalley fairy shrimp.

Mountain Sucker

In California, mountain suckers occur in mountain streams, rivers, and lakes and are present in the Sierra Nevada mountain range (California Fish Website 2021a). Three occurrences of this species have been documented within the BSA in Tallac Creek, Taylor Creek, and the Upper Truckee River, all of which are tributaries to Lake Tahoe. AMM1 will protect the mountain sucker.

Mountain Whitefish

In California, mountain whitefish occur around Lake Tahoe in lake and stream habitats with water depths greater than 1 meter (California Fish Website 2021b). Five occurrences of mountain whitefish have been documented in the BSA: one each in Lake Tahoe, Fallen Leaf Lake, General Creek, Taylor Creek, and the Upper Truckee River. AMM1 will protect the mountain whitefish.

Northern Goshawk

The northern goshawk is a year-round resident in northern and eastern California and may use mature coniferous forests, mature aspen stands, and aspen shrub-steppe habitats for nesting and foraging (Shuford and Gardali 2008). Nine occurrences were documented within the BSA at Baltic Ridge south of Kyburz, Trout Creek, the Tahoe Valley Campground, Angora Creek, One Eye Creek, Stumpy Meadows Lake, near Farnham Ridge northeast of Jackson, southwest of Kyburz along the American River, and Lily Pond in Sugar Pine Point State Park. AMM1, AMM2, and AMM7 will protect the northern goshawk.

Northern Leopard Frog

Northern leopard frog populations occur in quiet, permanent, and semi-permanent water sources with aquatic vegetation cover in a variety of habitats from sea level to 7,000 feet amsl. Populations at high elevations may brumate during winter. Distribution of the species in California is scattered and some

populations may be introduced. CNDDB has recorded four occurrences of this species in the BSA: one each at Fallen Leaf Lake, Camp Richardson, Taylor Creek, and at the Trout Creek and Cold Creek junction. AMM1, AMM5, and AMM6 will protect the northern leopard frog.

Northern Harrier

Northern harriers use meadows, grasslands, open rangelands, and wetlands throughout California from sea level to 5,700 feet amsl and may be migratory or year-round residents depending on suitable habitat. No occurrences for the northern harrier are recorded in the BSA. AMM1, AMM2, and AMM7 will protect the Northern Harrier.

Pallid Bat

Pallid bats are year-round residents in low elevation grassland, shrubland, woodland, and forest vegetation communities with open, dry, and rocky roosting areas. There are four documented occurrences of the species within the BSA: near Martin Creek, near Silver Fork Campground, near Mahon Camp, and at the Highway 49 bridge over the American River in Coloma. AMM1 and AMM10 will protect the pallid bat.

Purple Martin

The purple martin is a rare summer resident in coastal and interior California in low elevation grassland, valley foothill, woodland, and riparian habitats. No occurrences for the purple martin are recorded in the CNDDB for the BSA. AMM1, AMM2, and AMM7 will protect the purple martin.

Sierra Nevada Mountain Beaver

In the BSA, the Sierra Nevada mountain beaver occurs in montane riparian habitats. Habitat requirements include dense vegetation cover near waterways adjacent to moderate forest canopy cover and deep soils for burrowing. There are many occurrences within the BSA, including 28 occurrences in Robbs Peak, seven occurrences in Kyburz, four occurrences in Riverton, three in Emerald Bay, two in Echo Lake, one in Loon Lake, one in Pollock Pines, and one in Homewood. AMM1 and AMM2 will protect the Sierra Nevada Mountain beaver.

Sierra Nevada Red Fox

The Sierra Nevada red fox occurs in high-elevation open conifer woodlands and mountain meadows in the Sierra Nevada and Cascade mountain ranges (Sierra Nevada Red Fox Interagency Working Group 2010). There are four documented occurrences of this species in the BSA: one at the Ice House Resort north of Kyburz, one near Loon Lake Dam, one near Cook's Station on U.S. Highway 88, and one north of Oxbow Reservoir. AMM1 and AMM2 will protect the Sierra Nevada red fox.

Sierra Nevada Snowshoe Hare

The Sierra Nevada snowshoe hare inhabits mid- to high-elevation vegetation communities which provide cover for their elusive behavior, such as deciduous riparian areas, forest undergrowth, conifer thickets, and buckbrush and manzanita shrublands (Collins 1998). Two occurrences of this species were recorded within the BSA: one at Echo Lake and one at Rubicon Bay. AMM1 and AMM2 will protect the Sierra Nevada snowshoe hare.

Sierra Nevada Yellow-Legged Frog (SNYLF)

The Sierra Nevada yellow-legged frog requires surface water sources, such as lakes, ponds, and streams, and may occur in wet meadow and coniferous forest vegetation communities from 4,500–12,000 feet amsl (USFWS 2016a).

Two areas of SNYLF critical habitat occur in the BSA (USFWS 2021b). One area is located north of U.S. Highway 50, bounded by the community of Twin Bridges to the south, spanning east-to-west between Stony Ridge Lake and Loon Lake, and abutting the Placer County line to the north. The other is located along the El Dorado County and Alpine County lines along U.S. Highway 88 spanning east-to-west between Caples Creek and Lower Bear Reservoir and north to Silver Lake. More than 50 occurrences of this species have been recorded in the BSA. There were 14 occurrences in Rockbound Valley, 11 at Pyramid Peak, six at Echo Lake, five at Tragedy Spring, three at Caples Lake, two at Leek Spring Hill, two at Peddler Hill, two at Loon Lake, two at Freel Peak, one at Emerald Bay, one in Woodfords, one in Riverton, one at Old Iron Mountain, and one at Wentworth Springs. AMM1, AMM5, and AMM6 will protect the SNYLF.

Southern Long-Toed Salamander

Suitable habitat for the southern long-toed salamander includes high-elevation coniferous forests and meadows near ponds, springs, and lakes. Adults of the species live underground in tunnels made by burrowing mammals or under rock or log cover and lay eggs in waterbodies where larvae will develop. Over 80 occurrences of this species were documented within the BSA, including 25 in Rockbound Valley, 14 at Echo Lake, eight at Tragedy Spring, nine at Caples Lake, Valley, seven at Loon Lake, nine at Pyramid Peak, four at Freel Peak, three at Emerald Bay, two in Homewood, one in Meeks Bay, one at Robbs Peak, one in South Lake Tahoe, one in Kyburz, one at Leek Spring Hill, and one at Bear River Reservoir. AMM1 and AMM6 will protect the southern long-toed salamander.

Steelhead - Central Valley DPS

The coastal steelhead subspecies spend their breeding season in cool temperature freshwater rivers, creeks, and inland lakes along the west coast before migrating to their non-breeding habitat in the Pacific Ocean. Spawning occurs in cool temperature streams around pools where water is well oxygenated in areas with vegetated banks, rocks, and logs for cover. This population of steelhead inhabits the Sacramento and San Joaquin Rivers and their tributaries during breeding season (NatureServe 2021). There was one recorded species occurrence in Amador County in the Consumnes River which originates in the BSA. AMM1 will protect the steelhead.

Swainson's Hawk

The Swainson's hawk is a migratory resident around central and eastern California where it occurs in grasslands and agricultural fields. Breeding pairs are now uncommon in California due to loss of breeding habitat which is composed of juniper-sage flats, oak savannahs, and riparian areas. No occurrences of this species were recorded within the BSA. AMM1, AMM2, and AMM7 will protect Swainson's hawk.

Townsend's Big-Eared Bat

Townsend's big-eared bats occur throughout California, most commonly in mesic habitats, but may use any habitat type apart from alpine and subalpine areas. Suitable habitats include caves, mines, tunnels, buildings, or other structures for roosting. Two occurrences of this species are recorded in the BSA: one near Bald Mountain Peak by Quintette and one east of Auburn. AMM1 and AMM10 will protect the Townsend's big-eared bat.

Tricolored Blackbird

The tricolored blackbird breeds in coastal and inland emergent wetlands and forages in grassland and cropland habitat in California. Seven occurrences have been recorded in the BSA: one near Garden Valley, one near Pilot Hill, two near Clarksville, and three near Folsom. One population occurrence near Clarksville, an estimated 500 birds in a nesting colony observed in 1987, is presumed to be extirpated due to pond removal for development. AMM1, AMM2, and AMM7 will protect the tricolored blackbird.

Valley Elderberry Longhorn Beetle (VELB)

The valley elderberry longhorn beetle is endemic to the Sacramento and San Joaquin River basins in central California. It is an obligate species to its host plant, elderberry (*Sambucus* spp.) which occurs in wooded riparian areas around the rivers. Females lay eggs on elderberry bark and the larvae burrow into the stems after hatching. Riparian habitat loss threatens beetle populations (NatureServe 2021). Two occurrences of this species are documented within the BSA near Folsom Lake. AMM1 and AMM3 will protect the valley elderberry longhorn beetle.

Vernal Pool Fairy Shrimp (VPFS)

The vernal pool fairy shrimp occurs in vernal pools in central and southern California. The shrimp inhabit a variety of vernal pool types, including rock and grassland pools, and may travel between pools when there is hydrologic connectivity (USFWS 2005). The VPFS had one occurrence within the BSA near Folsom Lake. AMM1 and AMM3 will protect the vernal pool fairy shrimp.

Vernal Pool Tadpole Shrimp (VPTS)

Vernal pool tadpole shrimp inhabit vernal pools and other ephemeral waterbodies in the Central Valley and San Francisco Bay regions of California. This species has a longer lifespan than other vernal pool invertebrates and may be able to survive temporary drying in their habitats (USFWS 2005). No vernal pool tadpole shrimp occurrences were recorded within the BSA. AMM1 and AMM3 will protect the vernal pool tadpole shrimp.

Western Pond Turtle (WPT)

The western pond turtle occurs in permanent or semi-permanent waterbodies throughout most of California from sea level to 4,700 feet amsl. Habitat requirements for this species include the presence of aquatic vegetation and aquatic animal taxa (e.g., invertebrates, fish) for food and partially submerged basking sites. Several occurrences of this species were recorded within the BSA: one in Camino, one in Clarksville, two in Folsom, two in Garden Valley, one in Greenwood, four in Placerville, and one in Sly Park. AMM1 and AMM5 will protect the western pond turtle.

Western Spadefoot

The western spadefoot ranges throughout coastal and central California up to 4,500 feet amsl in grassland and occasionally woodland and agricultural habitats with temporary water sources for breeding ponds. Individuals are usually in burrows or under other types of cover. One occurrence of this species was documented in the BSA near the Mormon Island Dam at Folsom Lake. AMM1 and AMM5 will protect the western spadefoot.

Western White-tailed Jackrabbit

Minimal information was found for this subspecies (*Lepus townsendii townsendii*), so the information presented here is for the white-tailed jackrabbit (*Lepus townsendii*). The white-tailed jackrabbit occurs throughout the eastern slope of the Sierra Nevada from the Oregon border to Inyo County in southeast California. Preferred habitat is in areas with shrubs for cover in sagebrush vegetation communities, coniferous forests, alpine shrublands, grasslands, and wet meadows. Individuals may migrate on an elevational gradient seasonally. No occurrences for the western white-tailed jackrabbit are recorded in the CNDDB for the BSA. AMM1 will protect the western white-tailed jackrabbit.

White-Tailed Kite

White-tailed kite populations are year-round residents in coastal and central California. Foraging habitat includes grasslands, meadows, and wetlands near agricultural areas and nests are placed in willows, oaks, or other trees up to 100 feet high. One occurrence of this species was recorded in the BSA near the community of El Dorado Hills. AMM1, AMM2, and AMM7 will protect the white-tailed kite.

Willow Flycatcher

Willow flycatchers, a neotropical migrant species, are seasonal residents throughout California in riparian habitats with dense willow thickets which are used for nesting and roosting. Five occurrences of this species were documented in the BSA at Silver Lake, Tallac Creek, Trout Creek, Upper Truckee River, and near Pyramid Peak in the Eldorado National Forest. AMM1, AMM2, and AMM7 will protect the willow flycatcher.

Yellow Warbler

The yellow warbler is a neotropical migrant which breeds and migrates throughout California. Breeding habitats for this species include riparian woodlands, montane chaparral, and coniferous forests where nests are placed in brushy understory vegetation. Migratory habitat includes woodlands and forests. No occurrences for the yellow warbler are recorded in the CNDDB for the BSA. AMM1, AMM2, and AMM7 will protect the yellow warbler.

Yellow-Headed Blackbird

Yellow-headed blackbirds may be long-distant or local migrants around California during the breeding and migration seasons. Breeding occurs in freshwater wetlands with cattail or bulrush vegetation and migratory habitats include open agricultural areas, such as pastures or fields. In the BSA, one occurrence of this species was documented in Truckee Marsh near South Lake Tahoe. AMM1, AMM2, and AMM7 will protect the yellow-headed blackbird.

Yosemite Toad

The Yosemite toad is endemic to the Sierra Nevada mountain range in Alpine, El Dorado, and Fresno Counties in California from around 5,000–12,000 feet in elevation. The toads inhabit moist areas of meadows and forest edges and reproduce in streams, lakes, and ephemeral pools. Individuals will shelter in rodent burrows and dense vegetation (NatureServe 2021). No occurrences of the Yosemite toad are recorded in the CNDDB for the BSA. AMM1 and AMM6 will protect the Yosemite toad.

Special Status Plants

The CNDDB records of plants ranked 1 and 2 by CNPS were assessed within BSA (see Tables X, X, and X). Rare plants occur in a variety of elevations and vegetation communities within EDC; thus, CNPS ranked plants have the potential to occur in all BSA service areas. AMM1, AMM2 and AMM9 will protect CNPS ranked plants within the BSA.

Plants that may occur in EDC with FESA and/or CESA special statuses are described below.

El Dorado Bedstraw

El Dorado bedstraw occurs in EDC in open pine, oak forest, and chaparral habitats from 300–1,600 feet amsl. Its blooming period is from March to July (Jepson Flora Project 2021). There are 17 recorded occurrences of El Dorado bedstraw in EDC, all of which are presumed extant. Thirteen of the occurrences were recorded in Shingle Springs, 3 in Pilot Hill, and 1 in Clarksville.

Ione Buckwheat

This species occurs on clay soils between 260–650 feet amsl. It is known to Amador County in California and blooms between June and October (Jepson Flora Project 2021). No occurrences of this species are recorded in EDC.

Ione Manzanita

Ione manzanita prefers sandy and clay soils in chaparral and woodland habitats. Its elevational range is from 200–2,500 feet amsl and it blooms between January and February. The species is known to Amador and Calaveras Counties in California (Jepson Flora Project 2021). There are no recorded occurrences of Ione Manzanita in EDC.

Irish Hill Buckwheat

Irish Hill buckwheat is known to Amador County in clay soils at 300–650 feet amsl. It blooms between June and September (Jepson Flora Project 2021). There are no recorded occurrences of Irish Hill buckwheat in EDC.

Layne's Ragwort

Layne's ragwort grows at 980–3,000 feet amsl in open, disturbed, and/or serpentine-based soils. Its bloom period is from April to June (Jepson Flora Project 2021). There are a total of 37 records of Layne's ragwort recorded around Shingle Springs, Pilot Hill, Clarksville, Coloma, Georgetown, Garden Valley, and Placerville in EDC.

Pine Hill Ceanothus

This species is known to EDC in rocky or gabbro-based soils in chaparral, oak woodland, and pine woodland vegetation communities. Its elevational range is from 850–2,050 feet amsl and it blooms from March to June (Jepson Flora Project 2021). Nine occurrences of this species are recorded in EDC around Shingle Springs, Pilot Hill, and Clarksville.

Pine Hill Flannelbush

This species is known to the Pine Hill area of EDC. It occurs on gabbro soils in chaparral and pine woodland vegetation communities from 1,400–2,500 feet amsl. Its bloom period is from April to July, and its fruits generally require fire to open (Jepson Flora Project 2021). There are seven recorded occurrences of this species in EDC, all located around Clarksville and Shingle Springs.

Sacramento Orcutt Grass

This species is known to vernal pool habitats lower than 330 feet amsl in Sacramento County. Its bloom period is from April to June (Jepson Flora Project 2021). No occurrences of Sacramento Orcutt grass are recorded in EDC.

Slender Orcutt Grass

Slender Orcutt grass occurs in vernal pool habitats between 650–3,600 feet amsl. Its bloom period is between May and October (Jepson Flora Project 2021). There are no recorded occurrences of this species in EDC.

Stebbins' Morning-glory

This species is known to El Dorado and Nevada Counties in California. It occurs in chaparral vegetation communities around 1,000 feet amsl. It blooms between April and July (Jepson Flora Project 2021). Eight occurrences of Stebbins' morning-glory are recorded in EDC: seven around Shingle Springs and one in Coloma.

Tahoe Yellow Cress

Tahoe Yellow Cress grows on sandy lake margins around the Lake Tahoe Basin. It occurs between 5,900–8,200 feet amsl and blooms from June to September (Jepson Flora Project 2021). There are 20 occurrences of this species recorded in EDC, all around Meeks Bay, Emerald Bay, and South Lake Tahoe.

Chapter 4 – Avoidance & Minimization Measures

Table 7 summarizes which Avoidance and Minimization measures apply to each BSA elevation zone with CRS maps for reference.

Table 7. BSA Elevation Zones, CRS Maps and Associated Avoidance and Minimization Measures

Avoidance & Minimization Measures*	West Side (3,500 feet and below) CRS Maps: all 7H, 8H west, 8H31, 8H41, 8H42, 8H51, 8H52, 8H53, 8J west, 8J11, 8J12, 8J13, 8J21	West Side of Tahoe Basin (above 3,500 feet) CRS Maps: 8H east, 8H54, 8H55, 8J14, 8J15, 8J14, 8J15	Tahoe Basin CRS Maps: 10H, 10H31, 10H41, 9H24, 9H35, 9H45, 9H55
AMM1	X	X	X
AMM2	X	X	X
AMM3	X		
AMM4	X		
AMM5	X	X	
AMM6		X	X
AMM7	X	X	X
AMM8	X	X	X
AMM9	X	X	X
AMM10	X	X	X

* Xs denote required AMMs. Gray fill identifies which AMMs are not needed in the elevation zone.

4.1 Avoidance & Minimization Measures

Prior to beginning maintenance activities, the Department will obtain a qualified biologist to perform worker awareness training and special status species surveys and biological monitoring if required. The names and resumes of all biologists and biological monitors will be submitted to CDFW for approval prior to initiating any work activities.

AMM1 - Worker Awareness Training

Worker Awareness Training

The Department will provide training to all persons working on the project site prior to performing any work. The qualified biologist or biological monitor will discuss the biology and habitat of species with potential to occur at the work site. Color photos of the species at issue will be provided during the training. Training will include locations of habitat for special status species and discussion of legal protections for those species. Interpretation will be provided for non-English speaking workers. New workers will receive the same training prior to working on site. All workers will sign a form stating they attended the training and understand the protective measures.

Surveys

If required by CDFW, surveys for special status species and habitats will be conducted by a qualified biologist. The biologist will have academic training in biological sciences and experience conducting surveys for each special status species that may be present in the work area. The biologist will have professional experience and knowledge in special status species identification, ecology, and habitat requirements. Results of the surveys will be provided to CDFW.

Monitoring

If required by CDFW, the Department will obtain a biological monitor to ensure impacts to special status species are avoided or minimized. The biological monitor will be authorized to stop work, if necessary, to protect special status species or habitats. CDFW will be notified of all work stoppages or occurrences of special status species during monitoring. If necessary, the biologist may assist in the relocation of special status species following CDFW approval.

AMM2 – Limited Operating Period

Work will be scheduled between September 1 and February 14, if possible, to avoid bird nesting, bloom period of special status plants, and mammal denning seasons. If work occurs between February 15 and August 31, AMMs 7, 8, and/or 9 shall be implemented.

If possible, conduct activities during a limited operating period between 1 July and 15 October to avoid CRLF, FYLF, MYLF, SNYLF, SLTS, and WPT. If work occurs between 16 October and 30 June, AMMs 5 and/or 6 shall be implemented.

AMM3 – Vernal Pool Habitat Avoidance

Prior to submission of a VRF to CDFW site-level assessments will be conducted and projects will be designed to avoid habitat for vernal pool crustaceans to the maximum extent practicable. Vernal pools occur in the BSA at very low density up to approximately 2,800 feet and one occurrence of VPFS is documented near Green Valley Road, southeast of Folsom Lake (Holland 2009).

1. West of S Shingle Road to the Sacramento County line
2. South of U.S. Highway 50 and east of State Route (SR) 49
    a. Pleasant Valley Road
    b. Fairplay Road
    c. Coyote Ridge Road
3. North of U.S. Highway 50
    a. Serrano Country Club near El Dorado Hills
    b. SR 49 at Pilot Hill

If work activities must occur within 50 feet of vernal pool crustacean habitat, then a buffer of visible orange fencing will be installed around the sensitive habitat. No personnel or equipment will be allowed beyond the fencing.

AMM4 – Valley Elderberry Longhorn Beetle (VELB)

Prior to submission of a Verification Request Form (VRF), surveys for elderberry shrubs will be conducted in the proposed work area if work will occur in the known range of VELB in the BSA. VELB range in the BSA is primarily west of SR 49 and below 500 feet elevation (USFWS 2016b and 2017c). If surveys are required, they will be conducted by a qualified biologist familiar with the appearance of valley elderberry longhorn beetle exit holes in elderberry shrubs. Elderberry shrubs will be avoided to the maximum extent practicable. For elderberry shrubs identified within the work area that cannot be avoided, the following measures will be implemented:

- USFWS approval will be obtained for work within 100 feet of elderberry shrubs.
- Buffers using stakes and flagging will provide a minimum setback of 20 feet from the dripline of each elderberry plant.
- Contractors and work crews will be briefed on the status of VELB, buffers, the need to protect elderberry host plants and possible penalties for damaging elderberry plants.
- If elderberry shrubs are determined to have no stems greater than one inch diameter at ground level or are absent of VELB exit holes, then trimming/ removal is allowed following USFWS Guidelines (USFWS 1999).

AMM5 – Amphibians and Reptiles below 5,000 feet

In the BSA, California red-legged frog (CRLF), foothill yellow-legged frog (FYLF), and western pond turtle (WPT) are not expected to occur above 5,000 feet elevation. If possible, work activities will be conducted between period between July 1 and October 15. If work activities occur between October 16 and June 30, and if requested by CDFW, a qualified wildlife biologist will conduct a preconstruction survey within 48 hours for CRLF, FYLF, and WPT in and near waters where suitable habitat and potential for these species exists. The survey will include all potential habitat within the proposed work area and 50 ft upstream and downstream. If the biologist discovers any life stage of CRLF, FYLF, or WPT, a biological monitor will be contracted to monitor work so that these species are not harmed. CDFW will be contacted for approval prior to any relocation of CRLF, FYLF, and WPT.

AMM6 – Amphibians and Reptiles above 5,000 feet

In the BSA, mountain yellow-legged frog (MYLF), Sierra Nevada yellow-legged frog (SNYLF), and southern long-toed salamander (SLTS) are not expected to occur below 5,000 feet elevation. If possible, work activities will be conducted between period between July 1 and October 15. If work activities occur between October 16 and June 30, and if requested by CDFW, a qualified wildlife biologist will conduct a preconstruction survey within 48 hours for MYLF, SNYLF, and SLTS in and near waters where suitable habitat and potential for these species exists. The survey will include all potential habitat within the proposed work area and 50 ft upstream and downstream. If the biologist discovers any life stage of MYLF, SNYLF, or SLTS, a biological monitor will be contracted to monitor work so that these species are not harmed. CDFW will be contacted for approval prior to any relocation of MYLF, SNYLF, and SLTS.

AMM7 – Swainson's Hawk & Nesting Birds

Vegetation control using hand tools and herbicide spraying will occur between 15 August and 1 March to avoid impacts to nesting birds. Vegetation control by mechanical means will occur between 15

August and 15 October. If vegetation control must occur outside these times a preconstruction survey for nesting birds will be conducted by a qualified biologist according to the following conditions:

Preconstruction surveys will be conducted within 14 days prior to the start of work.

If work must be conducted between 1 March and 15 September, preconstruction surveys for Swainson's hawk will be conducted and include all potential nesting habitat within a 500 ft radius around the proposed work area. Surveys will follow timing and methodology for Swainson's hawk nesting surveys in the Central Valley (Swainson's Hawk Technical Advisory Committee 2000). A minimum 300 ft buffer will be established around active nest, but final distances will be determined through coordination with CDFW.

Preconstruction surveys for other nesting birds will include a 50 ft radius around the proposed work area. A 50 ft buffer will be established around active nests located during the survey.

If there is a break in maintenance activities of more than 14 days, additional surveys will be required prior to resuming work.

AMM8 – Burrowing Owl

A qualified biologist will conduct Take Avoidance Surveys in accordance with Appendix E of the Staff Report on Burrowing Owl Mitigation (CDFW 2012). An initial Take Avoidance Survey will be conducted no less than 14 days prior to initiating ground disturbance activities and a final survey will be conducted within 24 hours prior to ground disturbance.

The preconstruction survey for burrowing owls will include all potential burrowing owl habitat within 500 ft of the project. Portions of the survey area located on private land will be surveyed from all publicly accessible areas.

If active burrowing owl burrows are found, the following measures shall be implemented:

During the non-breeding season (1 September through 31 January), the biologist shall establish a 160 ft buffer around the burrow. During the breeding season (1 February through 31 August), the biologist shall establish a 250 ft buffer around the burrow in consultation with CDFW.

The size of the buffer may be reduced if the biologist monitors the construction activities and determines that no disturbance to the burrowing owl is occurring. Reduction of buffer size depends on the location of the burrow relative to the project, project activities during the time the burrow is active, and other project-specific factors.

If the burrow is located within the construction zone and it is during the non-breeding season, the burrowing owl can be passively excluded from the burrow using one-way doors, as described in the Exclusion Plan of Appendix E of the Staff Report on Burrowing Owl Mitigation (CDFW 2012).

If the burrow is located within the construction zone and it is during the breeding season, the burrowing owl can only be passively excluded if it has been confirmed that the owl has not begun egg laying and incubation, the clutch was unsuccessful, or juveniles from the occupied burrows are foraging independently and are capable of independent survival.

AMM9 – Special Status Plants and El Dorado County Oaks

An oak woodland removal permit will be obtained prior to the removal of any protected tree in accordance with the ORMP.

If maintenance work involves the spraying of herbicide, ground disturbance or vegetation removal within 50 feet of vernal pools or wetlands the following conditions will apply:

A qualified botanist with familiarity of the flora of El Dorado County will conduct a focused survey for the special status plants with potential to occur. The survey will be conducted between April and May, during the evident and identifiable period.

If maintenance work involves the spraying of herbicide, ground disturbance or vegetation removal within ponds, slow flowing streams, or ditches then the following condition will apply:

A qualified botanist with familiarity of the flora of El Dorado County will conduct a focused survey for Sanford's arrowhead. The survey will be conducted between May and November, during the evident and identifiable period.

If herbicides will be used:

Only herbicides registered with the California Department of Pesticide Regulation will be used. Herbicide application will be in accordance with labeled instructions. Pre- and post-emergent herbicides will be applied only during the time periods recommended by the California Department of Pesticide Regulation.

If present, populations of special status plants will be protected by a buffer of visible orange fencing around the avoidance area.

AMM10 – Roosting Bats

Routine maintenance work including washing, painting, debris, and sediment removal on bridges will be conducted between 1 August and 15 February to avoid impacts to roosting bats. If maintenance work on bridges must be conducted between 16 February and 30 September, a qualified biologist will conduct a survey within 2 weeks prior to work activities to determine bat use of the bridge.

If no bats and/or bat sign is observed, no further avoidance and minimization measures are necessary.

If it is determined that bats are using the bridge as a maternity or hibernation roost, CDFW shall be contacted to determine an appropriate avoidance buffer.

The avoidance buffer may be reduced if a qualified biologist monitors the work activities and determines that no disturbance to the roost is occurring. Reduction of the buffer depends on the species of bat, the location of the roost relative to project activities, activities during the time the roost is active, and other project-specific conditions.

No work shall occur in the buffers until it is determined that the bats have left on their own, or until the end of the hibernation or maternity season, at which time exclusion devices can be installed.

If it is determined that the bats are not using the bridge as a maternity or hibernation site, exclusion devices shall be installed a minimum of 48 hours prior to work activities to ensure the bats have time

to leave before work begins. Exclusion devices shall remain in place until maintenance work is complete.

Chapter 5 – Conclusions

Due to the limited scope of work, the use of Verification Request Forms for each activity, and the implementation of Avoidance and Minimization measures the project will have no significant impact to federal and state listed species, or CNPS ranked plants. There are no cumulative effects identified to any special status species. The project will not cause a change in land use within the BSA. Maintenance activities within rivers, creeks, and streams may remove nonnative plants potentially improving native habitat. Removal of water flow obstructions will reduce erosion, unintended flooding and sedimentation in waterways. The restored channel flow may potentially improve water quality, benthic habitat, and riparian areas.

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APPENDIX A – COUNTY MAINTAINED ROADS

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2019
EL DORADO COUNTY
MAINTAINED ROAD DATA

ROAD NUMBER	ROAD NAME	FROM (NUMBER AND NAME)	TO (NUMBER AND NAME)	LENGTH MILES	MAP NUMBER	MAP COORDINATE
1724	2ND ST	1334 LARSEN DR	1727 D ST	0.210	8J14	C2
1726	3RD ST	1725 C ST	END	0.100	8J14	C2
2141	5 MILE RD	SH050	END	0.370	8J13	H2
1712	8 MILE RD	SH050	END	1.420	8J14	D2
2448	ABABCO ST	2446 OGLALA ST	2451 ONEIDAS ST	0.170	10H41	A8
2569	ABBOTSFORD PL	2554 CARNELIAN CIR	END	0.060	7J15	C4
543	ABBOTT RD	542 CLEMSON DR	569 CRANE WAY	0.190	7J15	K8
1945A	ABERDEEN CIR	1944 HEATHER CIR	END	0.050	9H45	G3
1945B	ABERDEEN CIR	1943 UPLANDS WAY	END	0.030	9H45	G3
1976	ABERDEEN LN	1973 LOCH WAY	1976 ABERDEEN LN	1.740	7J15	D6
575	ABRIJO RD	576 BOCANA RD (S)	576 BOCANA RD (N)	0.250	7J15	J1
232	ACADIA WAY	231 SHASTA CIR	214A PARK DR	0.050	7J25	C1
2431	ACOMA CIR	2426 WASHOAN BLVD	2433 SEMAT ST	0.490	10H41	B5
2430	ACOMA CT	2426 WASHOAN BLVD	END	0.070	10H41	B5
640	ADAM CT	641 WOEDEE DR	END	0.140	7J15	C9
613	ADELAIDE PL	607 WYNDHAM WAY	END	0.040	7J15	C8
2351	AERODROME WAY	50 SPANISH DRY DIGGINS RD	END	0.440	8H42	D1
1047	AGATE CT	1042 GOLD RIDGE TRL	END	0.060	8J15	D1
2047	AHOY CT	2060 MARINA VIEW DR	END	0.120	7J15	B4
131	AIRPORT RD	PLCR	PLCR	0.380	8J13	D4
527	ALABASTER DR	370 LA CRESCENTA DR	END	0.030	8J11	B6
549	ALANA CT	545 PLACITAS DR	END	0.040	7J25	K1
1080	ALBERT CIR	234 WARREN LN	234 WARREN LN	0.210	7J15	B8
631	ALBURN PL	630 WILLISTON WAY	END	0.070	7J15	D9
573	ALCADAR CT	576 BOCANA RD	END	0.040	7J15	J10
1701	ALDER DR	25 PONY EXPRESS TRL	END	0.400	8J14	G1
1532	ALDER ST	2356 ANTELOPE WAY	1531 FIRST AVE	0.570	9H24	G3
2164	ALENA WAY	2158 ZAPATA DR	2161 FRANCISCO DR	0.150	7J15	B3
2766	ALEXANDRA DR	2756 SOPHIA PKY (S)	2756 SOPHIA PKY (N)	0.790	7J14	K8
639	ALEXANDRITE DR	2 GREEN VALLEY RD	END	0.070	7J15	J7
2379	ALGONQUIN CT	2378 OAXACO ST	END	0.070	9H45	G10
362	ALHAMBRA CT	360 ALHAMBRA DR	END	0.070	8J11	B8
360	ALHAMBRA DR	359 MIRA LOMA DR	371 LA CANADA DR	0.970	8J11	B7
584	ALICE CT	570 BERTELLA DR	END	0.020	7J25	J1
2241	ALICE CT	2237 LINDBERG AVE	END	0.040	8J12	G6
2323	ALICE LAKE RD	2322 COLD CREEK TRL (SOUTH)	2322 COLD CREEK TRL (NORTH)	0.570	10H41	E1
189	ALLEGHENY RD	2 GREEN VALLEY RD	173 MALCOLM DIXON RD	0.120	7J15	C5
2618	ALLENDALE PL	2612 FAIRCHILD DR	END	0.040	7J15	C6
2671	ALMADEN CT	END	2651 TEA ROSE DR	0.080	7J15	J9
2694	ALMERIA DR	359 MIRA LOMA DR	END	0.030	8J11	C8
2694	ALMERIA DR	END	END	0.070	8J11	C8
1851	ALPINE AVE	SH050	1854 PHILLIPS HEIGHTS AVE	0.200	9H55	C2
886	ALTA RD	887 GRIFFITH RD	END	0.030	8J12	H9
1077	ALTA SIERRA WAY	1076 SANTA MARIA WY	1078 LAGO VISTA DR	0.100	7J25	B1
2654	ALYSSUM CIR	2653 MAGNOLIA HILLS	END	0.380	7J15	J9
2654	ALYSSUM CIR	END	2561 TEA ROSE DR	0.040	7J15	J9
2324	AMADOR WAY	2321 COPPER WAY	2322 COLD CREEK TRL	0.110	10H41	E1
1051	AMBER TRL	1042 GOLD RIDGE TRL	END	0.780	8J15	C1
2719	AMER CT	2718 AMER WAY	END	0.050	7J15	E6
2718	AMER WAY	1976A ABERDEEN LN	2720 CALAIS WAY	0.520	7J15	D6
2557	AMHERST WAY	2561 CARLISLE CT	2554 CARNELIAN CIR	0.320	7J15	B3

ROAD NUMBER	ROAD NAME	FROM (NUMBER AND NAME)	TO (NUMBER AND NAME)	LENGTH MILES	MAP NUMBER	MAP COORDINATE
113	ANDY WOLF RD	56 GREENWOOD RD	END	1.180	8H42	C7
2211	ANGORA CREEK DR	END	2204 LAKE TAHOE BLVD	0.020	9H45	F6
2211	ANGORA CREEK DR	2204 LAKE TAHOE BLVD	2210 VIEW CIR	0.520	9H45	F6
973	ANTARES DR	898 PATTERSON DR	976 CAPPELLA DR	0.050	8J12	H9
2356	ANTELOPE WAY	END	END	0.480	9H24	G3
580	ANTILLES DR	572 COVELLO CIR	583 ZIANA RD	0.150	7J25	J1
2514	ANTLER CT	2499 GOLDEN BEAR TRL	END	0.040	10H41	C2
2016	APACHE AVE	2252B EAST SAN BERNARDINO AVE	SH050	0.400	9H45	H10
2016	APACHE AVE	SH050	SH050	1.770	9H45	J10
2427	APALACHEE DR	2426 WASHOAN BLVD	END	0.600	10H41	B3
2218	APPALOOSA CT	2216 MORMAN ISLAND DR	END	0.150	7J15	A6
2585	APPIAN WAY	2347 SILVA VALLEY PKY	1976 ABERDEEN LN	0.880	7J15	C7
2201	APPLE VALLEY DR	2535 ELKS CLUB DR	2196 MEADDW VALE DR	0.240	9H45	K7
597	AQUAMARINE CIR	596 PERIDOT DR (SOUTH)	596 PERIDOT DR (NORTH)	0.390	7J15	J7
598	AQUAMARINE CT	597 AQUAMARINE CIR	END	0.050	7J15	K7
2104	ARAPAHOE ST	SH050	END/PVMT GATE	0.530	9H45	J7
2464	ARAVAIPA ST	2462 SUSQUEHANA DR	END	0.270	10H41	C5
2552	ARBOR PL	2551 CARDIFF CIR	END	0.060	7J15	C3
374	ARCADIA DR	370 LA CRESCENTA DR	END	0.070	8J11	B7
1109	ARCHES AVE	1108 PLATT CIR	END	0.340	7J25	C1
1109	ARCHES AVE	END	251 YOSEMITE LN	0.080	7J25	C1
307	ARCHWOOD RD	198 COUNTRY CLUB DR	309 WENTWORTH RD	0.440	8J21	B1
2665	ARDEER PL	2660 MANNING DR	END	0.030	7J15	B4
982	ARGO DR	980 SUNLIGHT DR	END	0.030	8J12	H9
890	ARGONAUT DR	898 PATTERSON DR	TULLIS MINE RD (PRIVATE)	0.190	8J12	H8
2776	ARGYLE CT	2771 DRUMMOND WAY	END	0.030	8J11	C8
2393	ARIKARA ST	2391 MANDAN ST	END	0.230	10H41	A10
2090	ARROWHEAD AVE	2252B EAST SAN BERNARDINO AVE	END	1.100	9H45	H10
230	ARROWHEAD CT	231 SHASTA CIR	END	0.070	7J25	C1
2255	ARROWHEAD CT	2090 ARROWHEAD AVE	END	0.030	9H45	H10
216	ARROWHEAD DR	217 SARATOGA WAY	231 SHASTA CIR	0.340	7J25	C2
974	ASCELLA DR	898 PATTERSON DR	END	0.130	8J12	H9
2544	ASHFORD PL	2543 STRATFORD CIR	END	0.090	7J15	B3
2701	ASHLAND CT	END	2700 ASHLAND DR	0.060	8J11	C9
2700	ASHLAND DR	2699 BRIDGEPORT DR	2702 AUBURN HILLS DR	0.160	8J11	C9
2562	ASTON PL	2557 AMHERST WAY	END	0.050	7J15	B3
2525	ATROARI ST	END	2448 ABABCO ST	0.380	9H45	K8
2702	AUBURN HILLS DR	135 MEDER RD	END	0.110	8J11	C8
2702	AUBURN HILLS DR	END	END	0.180	8J11	C8
2739	AUBURN WOODS CT	2699 BRIDGEPORT DR	END	0.050	8J11	C8
2004	AUDRAIN WAY	SH050	2005 TAMARACK CT	0.110	9H55	E2
2063	AUGUSTUS PL	2660 MANNING DR	END	0.050	7J15	B4
574	AVENTINE RD	576 BOCANA RD	554 CASTANA DR	0.080	7J25	J1
996	AZALEA CIR	999 SIERRA SPRINGS DR	999 SIERRA SPRINGS DR	0.180	8J14	J6
2156	AZTEC WAY	2153 IROQUOIS CIR	END	0.140	10H41	A10
1723	B ST	89 CARSON RD	END	0.090	8J14	C2
1899	B ST	1897 HARKNESS ST	END	0.190	8H42	G1
2360	BACCHI RD	SH049	SH049	0.960	8H51	G2
1988	BACHE PL	2627 FALKIRK WAY	END	0.040	7J15	C7
1917	BACK ST	1910 HIGH ST	1914 BRIDGE ST	0.120	8H52	B4
2568	BAIRDSLEY PL	2554 CARNELIAN CIR	END	0.060	7J15	C3

ROAD NUMBER	ROAD NAME	FROM (NUMBER AND NAME)	TO (NUMBER AND NAME)	LENGTH MILES	MAP NUMBER	MAP COORDINATE
148	BAKER RD	CITY LIMITS	SH049 COLOMA RD	0.360	8J12	H2
2532	BAKERSFIELD CT	2250 BAKERSFIELD ST	END	0.030	9H45	H8
2250	BAKERSFIELD ST	2019 MODOC WAY	2534 COUNTRY CLUB DR	0.780	9H45	H10
65	BALDERSTON RD	63 WENTWORTH SPRINGS RD	63 WENTWRTH SPRINGS RD	2.840	08H	E6
1679	BALSAM DR	1696 LAUREL DR	END	0.130	8H55	B9
1933	BANCROFT DR	1932 VILLAGE CENTER DR	2567 KENSINGTON DR	0.280	7J15	C5
2052	BARBARA AVE	1335 LODI AVE	1325 MARTIN AVE	0.450	10H31	C10
1075	BARCELONA CT	1076 SANTA MARIA WAY	END	0.030	7J25	B1
1074	BARCELONA DR	255 WILSON BLVD	1075 BARCELONA CT	0.240	7J25	B1
1300	BARKLEY RD	1334 LARSEN DR	89 CARSON RD	1.060	8J14	B1
2614	BARNSTEAD PL	2612 FAIRCHILD DR	END	0.030	7J15	C6
238	BARTLETT CT	234 WARREN LN	END	0.080	7J15	C8
2676	BASIL CT	END	2675 SUMMER DR	0.070	7J15	J9
4	BASS LAKE RD	SH050	2 GREEN VALLEY RD	3.910	7J15	G1
23	BASSI RD	21 LOTUS RD	END	1.250	8H51	H4
1931	BATES CIR	1932 VILLAGE CENTER DR	1932 VILLAGE CENTER DR	0.450	7J15	C5
2353	BAUMHOFF RD	1600 MARGARET DR	END	0.100	09H	G9
2027	BAY VIEW CT	2029 BAY VIEW DR	END	0.080	9H24	H7
2029	BAY VIEW DR	2030 SWEETWATER DR	2032 LAKEVIEW DR	0.530	9H24	H6
55	BAYNE RD	SH193	75 MT MURPHY RD	4.700	8H52	B4
1067	BAYRIDGE LN	1026 MONTRIDGE WAY	1064 CRESTLINE CIR	0.120	7J25	B1
142	BEACH CT	SH049	END	0.210	8H51	J3
1487	BEACH LN	1415 VICTORIA DR	1491 SIERRA DR	0.120	9H24	H8
2663	BEACON HILL PL	2661 HALIFAX WAY	END	0.050	7J15	B4
126	BEALS RD	20 COLD SPRINGS RD	END	0.730	8J12	E1
2167	BEAR AVE	END	1548 PINE ST	0.380	9H24	G2
46	BEAR CREEK RD	8074 NO NAME	SH193	6.170	8H	E8
2763	BEASLEY DR	2765 GINA WAY	2764 TARAYA CT	0.120	7J25	J2
585	BEATTY CT	586 BEATTY DR	END	0.070	7J15	B10
586	BEATTY DR	END/BULB	VIA FIORI (PRVT RD)	0.290	7J15	B10
586	BEATTY DR	END/C&G	2766 ALEXANDRA DR	0.850	7J15	B9
2311	BEAVER BRAE DR	2596 EAST RIVER PARK DR	2371 PORTAL DR	0.330	9H55	H3
133	BEDFORD AVE	PLCR	PLCR	0.200	8J13	A1
1938	BEECHWOOD CT	1937 BEECHWOOD DR	END	0.070	7J15	C5
1937	BEECHWOOD DR	1933 BANCROFT DR	2580 DANBURY CIR	0.270	7J15	C4
985	BEGONIA DR	990 PENNYROYAL DR	999 SIERRA SPRINGS DR	0.540	8J14	J5
1915	BEKEART LN	1910 HIGH ST	END	0.030	8H52	B5
2199	BEL AIRE CIR	2535 ELKS CLUB DR	2535 ELKS CLUB DR	0.400	9H45	K6
2150	BELLA COOLA DR	2016 APACHE AVE	2016 APACHE AVE	0.200	9H45	K10
2178	BELLEVUE AVE	2173 MCKINNEY RD	PLA CO	0.180	9H24	F2
2621	BELLINGHAM PL	2612 FAIRCHILD DR	END	0.040	7J15	C6
2540	BELMONT WAY	2539 HAMPSHIRE PL	2541 SHEFFIELD DR	0.130	7J15	B3
507	BENTLEY DR	67 STARBUCK RD	370 LA CRESCENTA DR	0.310	8J11	A7
2365	BERNICE LN	2323 ALICE LAKE RD	2323 ALICE LAKE RD	0.300	10H41	E1
1978	BERRY CT	1979 BERRY RD	END	0.070	8J11	B10
1979	BERRY RD	306 CAMBRIDGE RD	END	0.030	8J11	B10
1979	BERRY RD	END	1980 HARVEY RD	0.190	8J11	B10
570	BERTELLA RD	561 EL NORTE RD	572 COVELLO CIR	0.300	7J25	J1
2240	BETTY JEAN CT	2237 LINDBERG AVE	END	0.070	8J12	G7
14	BIG CANYON RD	13 FRENCH CREEK RD	END	1.790	8J21	J4
26	BIG CUT RD	77 PLEASANT VALLEY RD	URBAN LIMIT	2.530	8J13	A5

ROAD NUMBER	ROAD NAME	FROM (NUMBER AND NAME)	TO (NUMBER AND NAME)	LENGTH MILES	MAP NUMBER	MAP COORDINATE
26	BIG CUT RD	URBAN LIMIT	PLCR	0.570	8J13	A5
134	BIG OAK RD	31 OAK HILL RD	END	1.070	8J13	B10
249	BIG SUR CT	246 MESA VERDES DR	END	0.070	7J25	C1
581	BILBAO CT	545 PLACITAS DR	END	0.070	7J25	J1
1351	BLACK BART AVE	114 PIONEER TRL	2003 MEADOW CREST DR	0.950	10H41	D1
2352	BLACK BART CIR	1351 BLACK BART AVE(WEST)	1351 BLACK BART AVE (EAST)	0.100	10H41	D1
2420	BLACK BART CT	2352 BLACK BART CIR	END	0.270	10H41	D1
59	BLACK OAK MINE RD	76 MARSHALL RD	SH193	1.240	8H42	F7
907	BLACK ROCK LN	SH193	SH193	0.170	8H41	D3
1564	BLACKFOOT RD	1565 COMANCHE RD	1568 CELIO LN	0.150	9H45	J10
2797	BLACKSTONE PKWY	VALLEY VIEW PKWY(PRIVATE)	END	1.840	7J25	F6
122	BLAIR RD	25 PONY EXPRESS TRL	1680 FOREBAY RD	2.200	8H54	A10
130	BLANCHARD RD	132 FORNI RD	240 MOTHER LODE DR	0.870	8J12	F7
2249	BLITZEN RD	SH089	2453 POMO ST	1.710	9H45	H1
2531	BLUE JAY CIR	2250 BAKERSFIELD ST	2250 BAKERSFIELD ST	0.040	9H45	H8
1951	BLUE MOUNTAIN DR	100 GRIZZLY FLAT RD	END	1.150	08J	J4
2223	BLUE OAK CT	2220 LAKERDGE OAKS DR	END	0.070	7J14	A6
2128	BLUEBIRD DR	SH050	2130 SILVER FORK RD	0.050	09H	E10
2195	BOCA RATON DR	2263 PEBBLE BEACH DR	END	0.270	9H45	K7
576	BOCANA RD	572 COVELLO CIR	572 COVELLO CIR	0.400	7J15	J1
2100	BOLIVAR CT	2035 ENCINA DR	END	0.080	7J15	B3
2576	BOLLING PL	2563 PORTSMOUTH DR	END	0.030	7J15	C4
181	BOLSA CT	2039 LAKE HILLS DR	END	0.030	7J15	C2
1687	BONANZA ST	1684 SPRUCE AVE	25 PONY EXPRESS TRL	0.040	8H55	B9
2414	BONANZA TRL	2417 LUPINE TRL	2415 SUTTER TRL	0.110	10H41	E2
2038	BONITA CT	2036 BONITA DR	2038 BONITA CT	0.240	7J15	C3
2036	BONITA DR	2034 LOMA VERDE DR	END	0.320	7J15	C3
15	BONNETTI RD	13 FRENCH CREEK RD	END	0.940	8J21	G10
263	BOOTH CT	262 STANFORD LN	END	0.060	7J15	C9
2194	BOREN WAY	2193 GLEN EAGLES RD	2434 NOTTAWAY DR	0.420	10H41	B6
346	BORICA RD	206 SUDBURY RD	END	0.040	8J11	D10
2206	BOULDER MOUNTAIN CT	2204 LAKE TAHOE BLVD	END	0.110	9H45	G4
2205	BOULDER MOUNTAIN DR	2204 LAKE TAHOE BLVD	2331 FOREST MOUNTAIN DR	0.530	9H45	G4
2616	BRACKENWOOD PL	2612 FAIRCHILD DR	2612 FAIRCHILD DR	0.480	7J15	C6
153	BRADEN RD	150 MEYERS RD	END	1.400	8J14	D3
2582	BRADFORD PL	2581 TRENTON WAY	END	0.030	7J15	C4
635	BRADLEY DR	634 THROWITA WAY	SH049	0.170	8J12	J6
2768	BRAEMER DR	2771 DRUMMOND WAY	2754 CAROUSEL LN	0.210	8J11	D8
2625	BRAMHALL PL	2624 CHILTON PL	END	0.080	7J15	C7
115	BRANDON RD	17 SOUTH SHINGLE RD	15 BONNETI RD	2.120	8J21	E10
2599	BRANDT CT	2567 KENSINGTON DR	END	0.070	7J15	C5
388	BRANIFF CT	213 WOOD LN	END	0.090	8J11	C9
160	BRAUER RD	63 WENTWORTH SPRINGS RD	END	0.290	08H	E7
112	BREEDLOVE RD	63 WENTWORTH SPRINGS RD	BOTTLE HILL RD	2.420	08H	E6
1912	BREWERY ST	1917 BACK ST	SHWY49	0.040	8H52	B5
1914	BRIDGE ST	1917 BACK ST	SH049	0.040	8H52	B4
2699	BRIDGEPORT DR	END	END	0.050	8J11	C8
2699	BRIDGEPORT DR	END	2702 AUBURN HILLS DR	0.390	8J11	C8
38	BRIDGEPORT SCHOOL RD	36 CEDAR CREEK RD	93 FARNHAM RIDGE RD	2.650	08J	F6
1465	BRIGHT CT	1464 ENTERPRISE DR	END	0.100	8J12	G7
2558	BRIGHTWATER CT	2554 CARNELIAN CIR	END	0.030	7J15	C3

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605	BRISBANE CIR	272 ST ANDREWS DR	603 BUSSELTON WAY	0.930	7J15	C8
2713	BRITTANY PL	2709 BRITTANY WAY	END	0.120	7J15	B6
2709	BRITTANY WAY	1139 SUFFOLK WY	END/BARRICADE	0.690	7J15	B6
127	BROADWAY	PLCR	84 NEWTOWN RD	0.590	8J13	E3
2183	BROKEN ANTLER DR	1951 BLUE MOUNTAIN DR	2179 WILDROSE DR	0.120	08J	J4
1000	BROKEN GATE RD	70 GOLD HILL RD	END	0.130	8H52	B9
2174	BROOK DR	2301 WOODLAND DR	END	0.250	9H24	H9
2059	BROOK MAR CT	2058 BROOK MAR DR	END	0.050	7J15	B5
2058	BROOK MAR DR	2057 VISTA MAR DR	END	0.430	7J15	B4
2058	BROOK MAR DR	END	END	0.020	7J15	B4
277	BROOKLINE CIR	273 TAM O SHANTER DR	273 TAM O SHANTER DR	0.230	7J15	C7
614	BROOME PL	607 WYNDHAM WAY	END	0.100	7J15	C8
416	BROWN DR	259 PATTERSON WAY	END	0.050	7J15	C10
416	BROWN DR	END	END	0.150	7J15	C10
2469	BRULE ST	2472 KULOW ST	2475 CARNARSEE ST	0.370	10H41	C3
2332	BRUSH RD	2205B BOULDER MOUNTAIN DR	END	0.090	9H45	G3
171	BUCKEYE RD	240 MOTHER LODE DR	240 MOTHERLODE DR	0.720	8J11	H10
880	BUCKS BAR CIR	99 BUCKS BAR RD	99 BUCKS BAR RD	0.280	08J	F3
99	BUCKS BAR RD	78 MT AUKUM RD	77 PLEASANT VALLEY RD	4.840	8J13	G9
903	BUCKTAIL LN	904 KOKANEE LN	END	0.380	8J15	B4
1121	BUENA VISTA DR	1120 ROSEBUD DR	1122 HILTON WAY	0.570	8J11	D10
1082	BUGLE CT	1081 DUNNINGS RD	END	0.040	8J11	G5
2656	BURBERRY WAY	2652 WATSONIA GLEN	2653 MAGNOLIA HILLS DR	0.090	7J15	J9
1031	BURNETT DR	271 GOVERNOR DR	256 RIDGEVIEW DR	0.120	7J15	C9
2548	BURTON PL	2547 NORWICH PL	END	0.040	7J15	C3
2191	BUSCH WAY	114 PIONEER TRL	2192 PINE VALLEY RD	0.090	10H41	B6
1088	BUSINESS DR	34I DUROCK RD	END	0.560	8J21	E2
610	BUSSELTON PL	609 DARWIN WAY	END	0.040	7J15	C7
603	BUSSELTON WAY	602 SPRINGBURN WAY	609 DARWIN WAY	0.210	7J15	C7
995	BUTTERCUP DR	994 POPPY RD	END	0.360	8J14	J6
1502	BUTTERMILK LANE	SH089	2028B MEEKS BAY AVE	0.020	9H24	H6
1725	C ST	89 CARSON RD	1726 THIRD ST	0.050	8J14	C2
352	CABALLERO CT	351 OXFORD RD	END	0.080	8J11	C9
121	CABLE RD	89 CARSON RD	END	8.180	8J14	D1
601	CAIRNS PL	272 ST ANDREWS DR	END	0.030	7J15	C8
2720	CALAIS WAY	2717 SOHAIR CT	END	0.180	7J15	D6
578	CALAND CT	554 CASTANA DR	END	0.030	7J25	J1
432	CALAVERAS DR	435 CAMPBELL RANCH DR	END	0.330	7J15	C5
118	CALDOR RD	100 GRIZZLY FLAT RD	END	3.280	08J	J4
2329	CALDWELL DR	1712 8 MILE RD	END	0.210	8J14	D2
280	CALGARY CT	279 STARMOUNT WAY	END	0.040	7J15	C7
391	CALIDO CT	306 CAMBRIDGE RD	END	0.110	8J11	A8
2668	CAMANCHE WAY	2651 TEA ROSE DR	END	0.030	7J15	J9
2668	CAMANCHE WAY	END	2653 MAGNOLIA HILLS DR	0.150	7J15	J9
989	CAMAS CT	990 PENNYROYAL DR	END	0.100	8J14	J6
2801	CAMBRIA WAY	2161 FRANCISCO DR	END	0.060	7J15	B6
399	CAMBRIDGE CT	306 CAMBRIDGE RD	END	0.070	8J11	B9
306	CAMBRIDGE RD	HWY 50	2 GREEN VALLEY RD	3.360	7J15	K7
2550	CAMDEN PL	2541 SHEFFIELD DR	END	0.040	7J15	C3
2737	CAMELLIA CT	2675 SUMMER DR	END	0.140	7J15	J10
335	CAMEO DR	334 MERRYCHASE DR	315 KNOLLWOOD DR	0.140	8J21	A1

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564	CAMERADO DR	359 MIRA LOMA DR	361 VIRADA DR	0.150	8J11	B8
200	CAMERON PARK DR	357 ROBIN LN	SH050	0.230	8J21	D1
200	CAMERON PARK DR	SH050	2 GREEN VALLEY RD	3.230	8J11	A7
547	CAMEROSA CIR	545 PLACITAS DR	545 PLACITAS DR	0.370	7J25	J1
1737	CAMINO CT	1734 CAMINO HEIGHTS DR	END	0.080	8J13	J2
1734	CAMINO HEIGHTS DR	SH050	1741 PINA AVE	0.650	8J13	J2
1744	CAMINO HILLS DR	1743 VISTA TIERRA DR	1745 VISTA DEL MUNDO	0.600	8J13	J2
144	CAMP SNOWLINE RD	25 PONY EXPRESS TRL	END	0.130	8J14	H1
435	CAMPBELL RANCH DR	2161 FRANCISCO DR	219 EL DORADO HILLS BLVD	0.160	7J15	C6
2475	CANARSEE ST	2470 KOYUKON DR	2467 MINNICONJOU DR	0.180	10H41	B3
632	CANBERRA PL	630 WILLISTON WAY	END	0.090	7J15	D8
2708	CANFIELD CIR	1020 CRAZY HORSE RD	2690 VOLTAIRE DR	0.240	7J25	J2
2392	CANIENAGA ST	2391 MANDAN ST	END	0.240	10H41	A10
380	CANOGA LN	382 VELD WAY	381 CULVER LN	0.080	8J11	D9
275	CANTERBURY CIR	273 TAM O SHANTER DR	273 TAM O SHANTER DR	0.320	7J15	C7
2222	CANYON OAK CT	2220 LAKERIDGE OAKS DR	END	0.040	7J14	K6
1700	CANYON RD	1706 CEDAR DR	1703 MADRONE DR	0.050	8J14	G1
1467	CAPITOL AVE	1464 ENTERPRISE DR	1461 MERCHANDISE WAY	0.200	8J12	G7
977	CAPPELLA CT	975 CENTAUR DR	END	0.060	8J12	H9
976	CAPPELLA DR	975 CENTAUR DR	973 ANTARES DR	0.630	8J12	H9
102	CAPPS CROSSING RD	124 SCIARONI RD	END CNTY MAINT PORTION	1.990	08J	K3
2551	CARDIFF CIR	2541 SHEFFIELD DR	2541 SHEFFIELD DR	0.390	7J15	C3
2561	CARLISLE CT	2554 CARNELIAN CIR	END	0.100	7J15	C4
2554	CARNELIAN CIR	2541 SHEFFIELD DR	2541 SHEFFIELD DR	0.560	7J15	C3
2754	CAROUSEL LN	135 MEDER RD	END/BARRICADE	0.450	8J11	D8
558	CARRILLO CT	557 TERRAZA ST	END	0.050	7J25	J1
2791	CARSON CROSSING DR	34 WHITE ROCK RD	END	0.070	7J25	C4
222	CARSON CT	89 CARSON RD	END	0.180	8J13	K2
89	CARSON RD	PLCR/CITY LIMITS	1712 8 MILE RD	6.840	8J13	C1
54	CARVERS RD	75 MT MURPHY RD	END	0.460	8H52	B4
2085	CARY DR	2084 ROLLINGWOOD DR	2084 ROLLINGWOOD DR	0.130	08J	J4
645	CASA LARGO WAY	643 GAILEY CIR	334 MERRYCHASE DR	0.030	7J25	J2
1735	CASCADE CT	1734 CAMINO HGTS DR	END	0.070	8J13	J2
895	CASH BOY RD	896 CRUSADER DR	END	0.120	8J12	H8
554	CASTANA DR	198 COUNTRY CLUB DR	END	0.640	7J15	J1
2261	CASTEC WAY	2039 LAKEHILLS DR	END	0.040	7J15	C3
1155	CASTLE CRAIGS CT	247 MUIR WOODS DR	END	0.100	7J15	C1
211	CASTLEBROOK RD	209 EL DORADO ROYALE	207 FAIRWAY DR	0.310	8J11	C10
1994	CASTLEWOOD CIR	1992 RIDGEWAY DR	1992 RIDGEWAY DR	0.430	8H55	C10
563	CATAWBA DR	359 MIRA LOMA DR	END	0.060	8J11	C7
563	CATAWBA DR	END	647 RIBIER WAY	0.210	8J11	C7
2487	CATTLEMANS TRL	2488 COUGAR TRL	END	0.410	10H41	D1
74	CAVE VALLEY RD	SH049	END	0.150	7H45	H6
289	CAYENTE WAY	END	END	0.150	8J11	C9
289A	CAYENTE WAY	135 MEDER RD	289 CAYENTE WAY	0.040	8J11	C9
2320	CAYUGA CIR	159 NORTH UPPER TRUCKEE RD	159 NORTH UPPER TRUCKEE	0.570	9H45	F7
2272	CAYUGA CT	159 NORTH UPPER TRUCKEE RD	END	0.030	9H45	G7
916	CAYUGA RD	185 LOCH LEVEN DR	END	0.030	8J15	C4
2273	CAYUGA ST	159 NORTH UPPER TRUCKEE RD	2270 ZUNI ST	0.310	9H45	G7
2457	CEBO CIR	2456 KEETAK ST	2456 KEETAK ST	0.090	9H45	H10
36	CEDAR CREEK RD	78 MT AUKUM RD	END	2.900	08J	F5

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1706	CEDAR DR	48 MACE RD	1705 FERN AVE	0.530	8J14	F1
1706	CEDAR DR	1705 FERN AVE	1701 ALDER DR	0.240	8J14	G1
86	CEDAR RAVINE RD	77 PLEASANT VALLEY RD	CITY LIMIT	3.710	8J13	D4
86	CEDAR RAVINE RD	CITY LIMIT	CITY LIMIT	0.820	8J13	B4
2404	CEDAR RIDGE DR	2025 SWEETWATER CT	203Z LAKEVIEW DR	0.220	9H24	H6
1603	CEDAR ST	SH050	1600 MARGARET DR	0.050	09H	G9
301	CEDARHURST CT	300 HILLSBOROUGH RD	END	0.080	8J21	B1
96	CEDARVILLE RD	35 OMO RANCH RD	END	0.720	08J	G5
1568	CELIO LN	2016 APACHE AVE	END	0.270	9H45	J10
1860	CEMETERY ST	1863 CHURCH ST	SH049	0.050	8J12	F9
975	CENTAUR DR	898 PATTERSON DR	976 CAPPELLA DR	0.110	8J12	H9
2070	CENTER VIEW CT	2069 CENTER VIEW DR	END	0.040	8H55	C9
2069	CENTER VIEW DR	25 PONY EXPESS TRL	END	0.220	8H55	C9
385	CESSNA DR	207 FAIRWAY DR	213 WOOD LN	0.410	8J11	B9
1098	CHANTRELLE CT	1097 FIELDSTONE DR	END	0.100	8J12	D4
2732	CHARITO LN	394 WILKINSON RD	END	0.220	8J11	A10
2639	CHARTER WAY	2347 SILVA VALLEY PKY	2626 KESWICK DR	0.080	7J15	C7
375	CHASEN DR	381 CULVER LN	END	0.560	8J11	C9
375	CHASEN DR	END	135 MEDER RD	0.330	8J11	C9
308	CHELSEA RD	306 CAMBRIDGE RD	315 KNOLLWOOD DR	0.850	7J15	K1
2093	CHEROKEE ST	2089 TOMAHAWK LN	2090 ARROWHEAD AVE	0.130	9H45	J10
71	CHERRY ACRES RD	SH193	END	1.750	8H41	A4
2200	CHERRY HILLS CIR	2535 ELKS CLUB DR	2535 ELKS CLUB DR	0.490	10H41	A6
2723	CHESHAM ST	2714 FOXMORE LN	2721 MAYFIELD DR	0.170	7J15	J7
2119	CHEYENNE DR	2120 MULBERRY DR	2016 APACHE AVE	0.250	9H45	H10
2397	CHIAPA DR	SH050	END	0.730	9H45	G9
2450	CHIBCHA ST	2444 ZAPOTEC CIR	2451 ONEIDAS ST	0.240	10H41	B8
2383	CHILICOTHE ST	2381 CHOLULA ST	END	0.210	9H45	G10
2624	CHILTON PL	2625 BRAMHALL PL	END	0.090	7J15	C7
2115	CHIMNEY WAY	2016 APACHE AVE	END	0.070	9H45	J10
1018	CHINA GARDEN CT	1017 CHINA GARDEN RD	END	0.080	8J12	H6
1017	CHINA GARDEN RD	SH049	9 MISSOURI FLAT RD	0.600	8J12	H6
109	CHINA HILL RD	SH049	END	2.290	08J	C3
2358	CHINKAPIN RD	2356 ANTELOPE WAY	END	0.340	9H24	G3
2002	CHINQUAPIN DR	2003 MEADOW CREST DR	END	0.440	10H31	D1
2154	CHIPPEWA ST	2155 MOHICAN DR	2153 IROQUOIS CIR	0.610	9H45	K10
2154	CHIPPEWA ST	2153 IROQUOIS CIR	END	0.040	10H41	A8
2102	CHOCTAW ST	2254 SAN DIEGO ST	2103 UTE ST	0.200	9H45	J8
2381	CHOLULA ST	2252A WEST SAN BERNARDINO AVE	END	0.190	9H45	G10
571	CHRISTA CT	572 COVELLO CIR	END	0.080	7J25	J1
110	CHURCH MINE RD	11 UNION MINE RD	END	1.100	08J	D3
1863	CHURCH ST	END	77 PLEASANT VALLEY RD	0.170	8J12	F9
1881	CHURCH ST	SH193	1901 SCHOOL ST	0.320	8H42	F2
1911	CHURCH ST	1910 HIGH ST	SH049	0.160	8H52	B5
546	CIELLO CT	545 PLACITAS DR	END	0.040	7J25	K1
526	CIMMARRON CT	525 CIMMARRON RD	END	0.060	8J11	A7
525	CIMMARRON RD	306 CAMBRIDGE RD	371 LA CANADA DR	0.390	7J15	K7
2673	CINNAMON TEAL WAY	2675 SUMMER DR	2674 PRAIRIE FALCON DR	0.400	7J15	J9
534	CINSANT DR	533 PERLETT DR	END	0.130	8J11	B8
162	CIRCLE DR	SH193	SH193	0.270	8H41	G1
2454	CIRUGU ST	2453 POMO ST (WEST)	2453 POMO ST (EAST)	0.240	9H45	H9

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1894	CLARK ST	SH193	1891 PLACER ST	0.080	8H42	F2
2804	CLARKSVILLE CROSSING	34 WHITE ROCK RD	2347 SILVA VALLEY PKY	0.570	7J25	E2
2770	CLAYMORE CT	2768 BRAEMER DR	END	0.080	8J11	D8
81	CLEAR CREEK RD	90 SLY PARK RD	999 SIERRA SPRINGS DR	1.890	8J14	F8
1998	CLEAR CREEK RD	2003 MEADOW CREST DR	2002 CHINQUAPIN DR	0.090	10H31	D10
1466	CLEAR CT	1464 ENTERPRISE DR	END	0.110	8J12	G7
2208	CLEAR VIEW DR	2204 LAKE TAHOE BLVD	2348 MOUNTAIN TROUT DR	0.380	9H45	G5
542	CLEMSON DR	529 HILLCREST DR	544 WOODLEIGH DR	0.300	7J15	J8
626	CLERMONT WAY	605 BRISBANE CIR	1103 HARVARD WAY	0.230	7J15	D8
2306	CLIFF RD	2294 MT RAINIER DR	END	0.030	9H45	F6
379	CLINTON WAY	END	378 RABEN WAY	0.180	8J11	D9
379	CLINTON WAY	375 CHASEN DR	END	0.030	8J11	D9
2413	CLIPPER ST	2323 ALICE LAKE RD	END	0.030	10H41	E1
2798	CLUBVIEW DR	18 LATROBE RD	2797 BLACKSTONE PARKWAY	0.120	7J25	E5
355	COACH LN	354 RODEO RD	END	0.460	8J21	C2
2281	COCHISE CIR	159 NORTH UPPER TRUCKEE	159 NORTH UPPER TRUCKEE	0.430	9H45	F7
2339	COLD CREEK CT	2322 COLD CREEK TRL	END	0.070	10H41	E2
2322	COLD CREEK TRL	114 PIONEER TRL	2326 DEL NORTE ST	1.020	10H41	E1
2322A	COLD CREEK TRL	END	114 PIONEER TRL	0.040	10H41	D1
20	COLD SPRINGS RD	PLCR	URBAN LIMIT	0.150	8J12	G2
20	COLD SPRINGS RD	URBAN LIMIT	SH153	6.880	8J12	D1
2731	COLINA CT	END	319 WOODLEIGH LN	0.120	8J11	A10
2483	COLUMBINE TRL	2416 MARSHALL TRL	END	0.290	10H41	D2
993	COLUMBINE WAY	999 SIERRA SPRINGS DR	END	0.260	8J15	A5
2459	COLUSA ST	2249 BLITZEN RD	2249 BLITZEN RD	0.160	9H45	H10
1565	COMANCHE RD	1568 CELIO LN	2016 APACHE AVE	0.080	9H45	J10
1468	COMMERCE WAY	146 ENTERPRISE DR	SH049	0.290	8J12	G7
1094	COMMODITY WAY	1095 DIVIDEND DR	END	0.050	8J21	E3
2710	CONCORDIA DR	2711 MONTE VERDE DR(SOUTH)	2711 MONTE VERDE DR(NORTH)	0.610	7J25	D3
2333	CONE RD	2205B BOULDER MOUNTAIN RD	END	0.060	9H45	G5
2775	CONNERY DR	2754 CAROUSEL LN	END/BARRICADE	0.260	8J11	D8
73	COON HOLLOW RD	PLCR	URBAN LIMIT	0.870	8J12	J4
73	COON HOLLOW RD	URBAN LIMIT	URBAN LIMIT	0.100	8J12	K5
73	COON HOLLOW RD	URBAN LIMIT	26 BIG CUT RD	0.720	8J12	A5
2816	COPPER LANTERN CT	SALT WASH WY	END	0.040	7J15	K3
2321	COPPER WAY	2326 DEL NORTE ST	2322 COLD CREEK TRL	0.340	10H41	E1
2655	CORAL BELLS DR	2653 MAGNOLIA HILLS	2654 ALYSSUM CIR	0.080	7J15	J9
2088	CORALAINE CT	2087 CORALAINE DR	END	0.040	08J	J3
2087	CORALAINE DR	2084 ROLLINGWOOD DR	END	0.170	08J	J3
369	CORNADA CT	368 LAS TUNAS WAY	END	0.130	8J11	B7
2121	CORNELIAN DR	SH089	2120 MULBERRY DR	0.220	9H45	H9
2799	CORNERSTONE DR	2797 BLACKSTONE PARKWAY	END	0.140	7J25	E5
2162	CORTEZ CT	2163 PLANETA WAY	END	0.050	7J15	B3
877	COSUMNES MINE RD	879 STRING CANYON RD	80 HAPPY VALLEY RD	6.200	08J	J4
95	COTHRIN RANCH RD	18 LATROBE RD	END	0.130	7J25	H8
2523	COTO ST	2519 OFLYING DR	2521 SKYLINE DR	0.140	10H41	A7
2488	COUGAR TRL	2485 FAIR MEADOW TRL	END	0.200	10H41	D2
198	COUNTRY CLUB DR	4 BASS LAKE RD	200 CAMERON PARK DR	3.630	7J25	G2
2534	COUNTRY CLUB DR	2250 BAKERSFIELD ST	SH050	0.420	9H45	H8
2026	COVE WAY	2030 SWEETWATER DR	2227 LAKERIDGE DR	0.050	9H24	H7
572	COVELLO CIR	END	END	0.830	7J15	H10

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1685	COX ST	25 PONY EXPRESS TRL	1684 SPRUCE AVE	0.050	8H55	B9
2212	COYOTE RIDGE CIR	2204 LAKE TAHOE BLVD	2204 LAKE TAHOE BLVD	0.420	9H45	G5
2819	CRADLE MOUNTAIN CT	WHISKEY DRIFT DR	END	0.080	7J15	K3
2742	CRAGMONT CT	319 WOODLEIGH LN	END	0.110	7J15	K8
2741	CRANBROOK CT	319 WOODLEIGH LN	END	0.060	7J15	K9
569	CRANE WAY	319 WOODLEIGH LN	END	0.200	7J15	J8
615	CRAYDON PL	605 BRISBANE CIR	END	0.070	7J15	C8
2761	CRAZY HORSE CT	1020 CRAZY HORSE RD	END	0.160	7J25	J2
1020	CRAZY HORSE RD	1019 FLYING C RD	END	0.310	7J25	J2
1020	CRAZY HORSE RD	END	2765 GINA WAY	0.550	7J25	J2
2447	CREE ST	END	2448 ABABCO ST	0.330	9H45	K8
1919	CREEKSIDE DR	1918 MT PLEASANT DR	1918 MT PLEASANT DR	0.790	08J	J3
2168	CREST DR	2174 BROOK DR	END	0.310	9H24	H9
2055	CREST MAR CIR	2054 WOOD MAR DR	2054 WOOD MAR DR	0.270	7J15	B4
2056	CREST MAR CT	2055 CREST MAR CIR	END	0.070	7J15	B4
2262	CRESTA CT	2039 LAKEHILLS DR	END	0.060	7J15	C3
1064	CRESTLINE CIR	1026 MONTRIDGE WAY	1026 MONTRIDGE WY	0.340	7J25	B1
1066	CRESTLINE CT	1064 CRESTLINE CIR	END	0.120	7J25	B1
2044	CRESTVIEW CT	2043 SUNNYVIEW DR	END	0.040	9H24	H5
2009	CRESTVIEW DR	30 FOWLER LN	END	0.470	8J12	J8
2555	CROMWELL CT	2039 LAKEHILLS DR	END	0.140	7J15	C3
1459	CROSSBILL LN	1458 KOKI LN	END	0.230	8J12	F9
2017	CROW ST	2024 HOPI AVE	END	0.150	9H45	H10
292	CROWN DR	219 EL DORADO HILLS BLVD	END	0.280	7J15	B6
888	CROWN POINT DR	893 JUSTINE AVE	END	0.270	8J12	H9
2784	CROYDEN CT	END/BULB	2725 LAMBETH DR	0.060	7J15	J7
896	CRUSADER RD	898 PATTERSON DR	893 JUSTINE AVE	0.170	8J12	H8
2520	CRYSTAL AIR DR	2196 MEADOW VALE DR	2521 SKYLINE DR	0.320	9H45	J8
2520	CRYSTAL AIR DR	2521 SKYLINE DR	2535 ELKS CLUB DR	0.800	9H45	K8
196	CRYSTAL BLVD	SH049	END	0.210	08J	D4
894	CRYSTAL DR	895 CASH BOY RD	125 TULLIS MINE RD	0.200	8J12	H8
1332	CRYSTAL SPRINGS RD	25 PONY EXPRESS TRL	48 MACE RD	1.130	8J14	E1
235	CUL DE SAC A	234 WARREN LN	END	0.070	7J15	C8
291	CUL DE SAC A	273 TAM O SHANTER DR	END	0.040	7J15	C7
236	CUL DE SAC B	234 WARREN LN	END	0.070	7J15	C8
237	CUL DE SAC C	234 WARREN LN	END	0.060	7J15	C8
287	CUL DE SAC C	286 RIVIERA CIR	END	0.030	7J15	C7
285	CUL DE SAC D	281 WILLOWDALE DR	END	0.030	7J15	C7
381	CULVER LN	379 CLINTON WAY	END	0.210	8J11	C9
1130	CYPRESS POINT CT	1124 GOLDEN FOOTHILL PKY	END	0.110	7J25	D5
2075	CYPRESS POINT DR	2074 SOUTH VIEW DR	102 CAPPS CROSSING RD	0.160	08J	K3
1038	CYPRINE CT	256 RIDGEVIEW DR	END	0.030	7J15	C9
1727	D ST	1724 SECOND ST	89 CARSON RD	0.030	8J14	D2
2774	DAISY CIR	985 BEGONIA DR	2774 DAISY CIR	0.330	8J14	J5
984	DAISY DR	985 BEGONIA DR	2774 DAISY CIR	0.230	8J14	J5
2580	DANBURY CIR	2567 KENSINGTON DR	2584 REGENCY CT	0.350	7J15	C4
552	DARIUS CT	547 CAMEROSA CIR	END	0.030	7J25	K1
611	DARWIN PL	609 DARWIN WAY	END	0.040	7J15	C7
609	DARWIN WAY	603 BUSSELTON WAY	2347 SILVA VALLEY PKY	0.150	7J15	C7
10	DAVIDSON RD	7 GREENSTONE RD	240 MOTHER LODE DR	1.290	8J12	B8
1864	DAY BREAK WAY	SH049	END	0.030	8J12	F9

ROAD NUMBER	ROAD NAME	FROM (NUMBER AND NAME)	TO (NUMBER AND NAME)	LENGTH MILES	MAP NUMBER	MAP COORDINATE
2328	DE LISI WAY	2300 GLEN DR	END	0.030	9H24	H9
205	DE SABLA CT	204 DE SABLA RD	END	0.020	8J21	C1
204	DE SABLA RD	198 COUNTRY CLUB DR	203 HACIENDA RD	0.550	8J21	C1
612	DEAKIN PL	609 DARWIN WAY	END	0.060	7J15	C7
137	DECENTE CT	561 EL NORTE RD	END	0.050	7J25	J1
1686	DEEP HAVEN RD	1680 FOREBAY RD	END	0.040	8H55	C8
2172	DEER AVE	1548 PINE ST	END	0.240	9H24	G2
518	DEER TRAIL LN	516 GATEWAY RD	516 GATEWAY RD	0.400	7J15	K7
2510	DEER TRL	2509 PROSPECTOR TRL	2499 GOLDEN BEAR TRL	0.170	10H41	C2
66	DEER VALLEY RD	2 GREEN VALLEY RD (W)	2 GREEN VALLEY RD (E)	7.170	7J15	G6
1961	DEERTRACK CT	1902 DEERWOOD DR	END	0.060	08J	K3
1960	DEERWOOD CT	1902 DEERWOOD DR	END	0.030	08J	K3
1902	DEERWOOD DR	102 CAPPS CROSSING RD	1904 WINDING WAY	0.580	08J	K3
439	DEL GRANDE CT	427 DOWNIEVILLE DR	END	0.030	7J15	C6
1072	DEL MONTE CT	1026 MONTRIDGE WAY	END	0.030	7J25	C2
2326	DEL NORTE ST	2324 AMADOR WAY	END	0.930	10H41	E1
555	DELAMERE CT	554 CASTANA DR	END	0.040	7J25	J1
2278	DELAWARE ST	159 NORTH UPPER TRUCKEE	2284 KIOWA DR	0.600	9H45	G8
551	DELPHINA CT	545 PLACITAS DR	END	0.080	7J25	J1
1949	DEVERON WAY	1947 DUNDEE CIR	1947 DUNDEE CIR	0.190	9H45	G2
2650	DIAMANTE ROBLES CT	30 FOWLER LN	END	0.180	8J12	J8
1055	DIAMOND CT	1053 GARNET RD	END	0.070	8J15	E1
1056	DIAMOND DR	1053 GARNET RD	90 SLY PARK RD	0.460	8J15	D1
2234	DIAMOND MEADOWS WAY	SH049	END	0.080	8J12	J7
1810	DIANA ST	END	URBAN LIMIT	0.190	8J12	H1
1810	DIANA ST	URBAN LIMIT	SH049	0.220	8J12	H1
1006	DISCOVERY LN	SH049	END	0.120	8H52	F9
1095	DIVIDEND DR	END	END	0.250	8J21	E3
2350	DIVOT CT	2534 COUNTRY CLUB DR	END	0.040	9H45	J8
2345	DIXIE MOUNTAIN DR	159 NORTH UPPER TRUCKEE RD	2210 VIEW CIR	0.330	9H45	G6
2752	DIZMAR CT	2694 ALMERIA DR	END	0.060	8J11	C8
519	DOE CT	518 DEER TRAIL LN	END	0.040	7J15	K8
915	DOE VIEW PL	90 SLY PARK RD	END	0.140	8J15	C5
909	DOLLY VARDEN LN	END	END	0.460	8J15	B4
2778	DONELL CT	2771 DRUMMOND WAY	END	0.050	8J11	D8
2546	DONOHUE PL	2541 SHEFFIELD DR	END	0.050	7J15	B3
264	DOWNE CT	262 STANFORD LN	END	0.040	7J15	C9
437	DOWNIEVILLE CT	427 DOWNIEVILLE DR	END	0.050	7J15	C6
427	DOWNIEVILLE DR	219 EL DORADO HILLS BLVD	423 EMBARCADERO DR	0.310	7J15	C5
2048	DRIFTWOOD CIR	2060 MARINA VIEW DR	2050 OUTRIGGER DR	0.410	7J15	A4
2771	DRUMMOND WAY	2754 CAROUSEL LN	END	0.220	8J11	C8
2796	DUBASARY LN	2364 OUTER LIMITS LN	END	0.250	8H55	H9
2096	DUDLEY DR	507 BENTLEY DR	510 ROYCE DR	0.240	8J11	B6
2319	DUFFY RD	2010 NORTH CIRCLE DR	END	0.130	8J12	J8
508	DUNBAR RD	67 STARBUCK RD	511 HASTINGS DR	0.130	8J11	A6
1947	DUNDEE CIR	2203 TAHOE MOUNTIAN RD	1946 GLENMORE WAY	0.140	9H45	G2
1947	DUNDEE CIR	1946 GLENMORE WAY	1947 DUNDEE CIR	0.370	9H45	G2
1081	DUNNINGS RD	2 GREEN VALLEY RD	END	0.240	8J11	G5
2564	DURHAM PL	2563 PORTSMOUTH DR	END	0.060	7J15	C4
165	DUROCK RD	357 ROBIN LN	17 SOUTH SHINGLE RD	2.030	8J21	D2
515	EAGLE LN	513 SANDPIPER WAY (S)	513 SANDPIPER WAY (N)	0.200	7J15	J7

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2213	EAGLE LN	2212 COYOTE RIDGE CIR	2204 LAKE TAHOE BLVD	0.160	9H45	G5
208	EAGLE VIEW DR	207 FAIRWAY DR	209 EL DORADO ROYALE	0.240	8J11	C10
2504	EARLY DAWN TRL	2503 SOURDOUGH TRL	2499 GOLDEN BEAR TRL	0.140	10H41	C2
2269	EAST CT	2268 MOUNTAIN CANARY DR	END	0.040	9H45	H5
143	EAST RD	2237 LINDBERG AVE	END	0.140	8J12	F6
2596	EAST RIVER PARK DR	2309 PANORAMA DR	169 SOUTH UPPER TRUCKEE	0.330	9H55	H3
2252B	EAST SAN BERNARDINO AVE	END (WEST OF BAKERSFIELD)	2534 COUNTRY CLUB DR	0.690	9H45	H7
1015	ECHO LN	8 EL DORADO RD	END	0.670	8J12	D6
2267	ECHO VIEW DR	2202 SAWMILL RD	8202 NO NAME	0.280	9H45	H5
1903	EDGEWOOD CIR	102 CAPPS CROSSING RD	1902 DEERWOOD DR	0.260	08J	K3
2573	EDINGTON PL	2571 RALEIGH WAY	END	0.070	7J15	C4
2369	EGRET WAY	169 SOUTH UPPER TRUCKEE	END	0.350	9H55	H1
1541	EIGHTH AVE	1548 PINE ST	END	0.740	9H24	G2
1694	EL CAMINO DR	190 SHERMAN WAY	END	0.350	8H55	B8
219	EL DORADO HILLS BLVD	SH050	2 GREEN VALLEY RD	4.200	7J15	C1
8	EL DORADO RD	77 PLEASANT VALLEY RD	2 GREEN VALLEY RD	3.390	8J12	E4
209	EL DORADO ROYALE DR	200 CAMERON PARK DR	END	0.190	8J11	C10
1840	EL DORADO ST	11 UNION MINE RD	SH049	0.400	8J12	F9
201	EL ENCANTO RD	204 DE SABLA RD	199 LOS SANTOS DR	0.050	8J21	C1
559	EL MESITA CT	556 MONTERO RD	END	0.040	7J25	J1
178	EL NIDO CT	2039 LAKE HILLS DR	END	0.050	7J15	C2
561	EL NORTE RD	198 COUNTRY CLUB DR	556 MONTERO RD	0.270	7J25	J1
2257	EL SUR CT	2159 GUADALUPE DR	END	0.050	7J15	B2
393	EL TEJON RD	392 ESTEPA DR	394 WILKINSON RD	0.180	8J11	A9
2495	ELATI ST	2493 NAHANE DR	2494 HENDERSON ST	0.120	9H45	H10
441	ELBE CT	431 TIMBRLINE RIDGE DR	END	0.030	7J15	C6
1739	ELDER CT	1738 VERDE ROBLES DR	END	0.060	8J13	J3
2139	ELF LN	SH089	END	0.160	9H55	H2
1118	ELF WOOD LN	1119 MINESHAFT LN	135 MEDER RD	0.150	8J11	F10
2266	ELK POINT DR	2207 MULE DEER CIR	END	0.270	9H45	F5
2535	ELKS CLUB DR	114 PIONEER TRL	SH050	0.810	9H45	K7
2705	ELLENWOOD LN	8 EL DORADO RD	END	0.250	8J12	E5
2572	ELLESWORTH PL	2571 RALEIGH WAY	END	0.050	7J15	C4
1544	ELM ST	1548 PINE ST	1537 SIXTH AVE	0.580	9H24	G2
2065	ELM ST	25 PONY EXPRESS TRL	END	0.100	8H55	C9
1721	ELMER ST	END	END	0.090	8J14	D2
2767	ELMORES WAY	2756 SOPHIA PKY	SUFFOLK WAY	0.390	7J14	A7
284	ELMWOOD CT	281 WILLOWDALE DR	END	0.040	7J15	C7
2349	ELMWOOD DR	2121 CORNELIAN DR	END	0.110	9H45	H9
423	EMBARCADERO DR	2161 FRANCISCO DR	428 OAK TREE CIR	0.300	7J15	B5
288	EMERALD HILLS CT	281 WILLOWDALE DR	END	0.070	7J15	C7
2037	ENCINA CT	2035 ENCINA DR	END	0.080	7J15	C3
2035	ENCINA DR	2034 LOMA VERDE DR	2159 GUADALUPE DR	0.650	7J15	B3
1462	ENTERPRISE CT	1464 ENTERPRISE DR	END	0.050	8J12	G7
1464	ENTERPRISE DR	132 FORNI RD	END	0.470	8J12	G7
2186	ERIE CIR	2016 APACHE AVE	2391 MANDAN ST	0.230	9H45	K10
2374	ERMINE CT	169 SOUTH UPPER TRUCKEE	END	0.050	9H55	H2
2545	ESSEX PL	2541 SHEFFIELD DR	END	0.030	7J15	B3
2291	ESTATE CT	2275 GRIZZLY MOUNTAIN DR	END	0.060	9H45	G7
345	ESTE VISTA DR	206 SUDBURY RD	END	0.020	8J11	D10
392	ESTEPA DR	306 CAMBRIDGE RD	END	0.250	8J11	A9

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2518	EVELYN RD	114 PIONEER TRL	END	0.080	9H45	K8
2314	EVERGREEN CT	SH193	END	0.160	8H42	F1
2082	EVERGREEN DR	100 GRIZZLY FLAT RD	879 STRING CANYON RD	0.340	08J	J4
57	EXCELSIOR RD	26 BIG CUT RD	73 COON HOLLOW RD	0.470	8J12	K4
2489	FAIR MEADOW CT	2485 FAIR MEADOW TRL	END	0.090	10H41	D1
2485	FAIR MEADOW TRL	114 PIONEER TRL	2486 PLATEAU CIR	0.270	10H41	D1
2619	FAIRCHILD CT	2612 FAIRCHILD DR	END	0.040	7J15	C6
2612	FAIRCHILD DR	2624 KESWICK DR	2347 SILVA VALLEY PKY	0.590	7J15	C6
106	FAIRPLAY RD	78 MT AUKUM RD	35 OMO RANCH RD	4.400	08J	F4
2137	FAIRVIEW DR	2136 NORTH ST	2184 FIR DR	0.070	8H55	C9
207	FAIRWAY DR	198 COUNTRY CLUB DR	351 OXFORD RD	1.660	8J11	B9
1989	FALKIRK CT	2627 FALKIRK WAY	END	0.040	7J15	C7
2627	FALKIRK WAY	2626 KESWICK DR	2638 WICKHAM WAY	0.580	7J15	C7
1841	FALL ST	1840 EL DORADO ST	END	0.080	8J12	F9
1940	FALLEN LEAF RD	SH089	END	4.940	9H35	D6
991	FALLEN OAK TRL	997 SUGAR BUSH CIR	END	0.030	8J14	K6
2577	FARMINGTON CT	2563 PORTSMOUTH DR	END	0.040	7J15	C4
93	FARNHAM RIDGE RD	38 BRIDGEPORT SCHOOL RD	END	5.380	08J	G6
914	FAWN DR	90 SLY PARK RD	915 DOE VIEW PL	0.210	8J15	C4
1705	FERN AVE	1706 CEDAR DR	25 PONY EXPRESS TRL	0.070	8J14	G1
327	FERNBROOK CT	326 WESTRIDGE DR	END	0.040	7J25	J1
1097	FIELDSTONE DR	2793 MOREL WAY	9 MISSOURI FLAT RD	0.350	8J12	D4
1525	FIFTH AVE	END	1542 HAZEL ST	0.500	9H24	G3
1525	FIFTH AVE	1542 HAZEL ST	1511 WILSON AVE	0.200	9H24	G2
905	FIN CT	904 KOKANEE LN	END	0.040	8J15	B4
1107	FINDERS WAY	217 SARATOGA WAY	1108 PLATT CIR	0.310	7J25	C2
2184	FIR DR	2137 FAIRVIEW DR	1690 PINE ST	0.070	8H55	C9
1534	FIR ST	1531 FIRST AVE	1541 EIGHTH AVE	0.380	9H24	G3
1601	FIR ST	1600 MARGARET DR	SH050	0.040	09H	G9
1531	FIRST AVE	1532 ALDER ST	1534 FIR ST	0.100	9H24	H3
1971	FIRTH WAY	1966 HIGHLAND HILLS DR	END	0.070	7J15	D6
177	FITCH WAY	END	END	0.130	7J15	C2
624	FITZROY PL	605 BRISBANE CIR	END	0.040	7J15	C8
536	FLAME CT	533 PERLETT DR	END	0.070	8J11	C8
502	FLEET CT	500 ROYAL PARK DR	END	0.040	8J11	B8
1983	FLUSHING PL	2638 WICKHAM WAY	END	0.060	7J15	C7
1019	FLYING C RD	306 CAMBRIDGE RD @ US 50	END	0.190	8J21	A2
1021	FLYING C RD	1019 FLYING C RD	END	0.090	8J21	A2
2244	FOOTHILL DR	2243 SCENIC DR	2245 RIDGE DR	0.370	8J11	J10
622	FORBES PL	605 BRISBANE CIR	END	0.050	7J15	C8
1680	FOREBAY RD	25 PONY EXPRESS TRL	URBAN LIMIT	0.320	8H55	C9
1680	FOREBAY RD	URBAN LIMIT	END	3.560	8H54	J7
1483	FOREST DR	1481 RUBICON DR	1481 RUBICON DR	0.180	9H24	H8
1963	FOREST GLEN DR	1962 MEADOW GLEN DR	END	0.190	08J	K3
2318	FOREST LAKE RD	2072 SOUTH POINT RD	END	0.050	8J12	J8
2331	FOREST MOUNTAIN DR	2203 TAHOE MOUNTAIN RD	END	0.330	9H45	G3
1630	FOREST RD	SH050	END	0.650	8H55	G10
1923	FOREST VIEW DR	100 GRIZZLY FLAT RD	1918 MT PLEASANT DR	0.260	08J	J4
2169	FOREST VIEW DR	2168 CREST DR	END	0.270	9H24	H9
132	FORNI RD	SH049	PLCR	3.720	8J12	F8
132	FORNI RD	PLCR	PLCR	0.690	8J12	H3

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858	FORT JIM CT	85 FORT JIM RD	END	0.080	8J14	C6
85	FORT JIM RD	84 NEWTOWN RD	84 NEWTON RD	2.950	8J13	A6
2666	FORTROSE PL	2660 MANNING DR	END	0.030	7J15	B4
2341	FORTUNE WAY	2322 COLD CREEK TRL	2326 DEL NORTE ST	0.250	10H41	E1
1522	FOURTH AVE	1542 HAZEL ST	1511 WILSON AVE	0.150	9H24	H3
1523	FOURTH AVE	END	1542 HAZEL ST	0.500	9H24	H3
30	FOWLER LN	SH049	END	0.870	8J12	J7
2714	FOXMORE LN	4 BASS LAKE RD	END/BARRICADE	0.770	7J15	J7
2161	FRANCISCO DR	278 PENDLETON DR	219 EL DORADO HILLS BLVD	0.090	7J15	C6
2161	FRANCISCO DR	219 EL DORADO HILLS BLVD	2 GREEN VALLEY RD	0.540	7J15	C6
2161	FRANCISCO DR	2 GREEN VALLEY RD	2159 GUADALUPE DR	1.780	7J15	B3
2161A	FRANCISCO DR	END	END	0.090	7J15	C6
13	FRENCH CREEK RD	15 BONNETI RD	240 MOTHER LODE DR	6.500	8J21	G1
2209	FRONTIER RD	2208 CLEAR VIEW DR	END	0.040	9H45	G5
123	FRUITRIDGE RD	120 NORTH CANYON RD	END	1.330	8J13	G1
2098	FULAM CT	67 STARBUCK RD	END	0.050	8J11	A6
643	GAILEY CIR	644 TRINIDAD DR	644 TRINIDAD DR	0.260	7J25	J1
646	GAILEY CT	643 GAILEY CIR	END	0.030	7J25	J1
2515	GALLO DR	2263 PEBBLE BEACH DR	END	0.130	9H45	K7
333	GARDEN CIR	198 COUNTRY CLUB DR (W)	198 COUNTRY CLUB DR (E)	0.250	8J21	C1
53	GARDEN VALLEY RD	SH0193	76 MARSHALL RD	3.560	8H42	E10
1053	GARNET RD	90 SLY PARK RD	END	0.820	8J15	D1
516	GATEWAY DR	4 BASS LAKE RD	306 CAMBRIDGE RD	0.550	7J15	J8
149	GATLIN RD	2141 5 MILE RD	89 CARSON RD	0.060	8J13	J2
290	GENEVA CT	273 TAM O SHANTER DR	END	0.070	7J15	C7
2001	GENOA AVE	1351 BLACK BART AVE	2002 CHINQUAPIN DR	0.150	10H31	D10
2418	GENTIAN CIR	2417 LUPINE TRL	2417 LUPINE TRL	0.270	10H41	E2
1871	GEORGES ALLEY	SH049	1876 GEORGES LN	0.060	8J12	H7
1876	GEORGES LN	1871 GEORGES ALY	END	0.090	8J12	H7
49	GEORGIA SLIDE RD	1901 SCHOOL ST	END	0.900	8H42	G1
2253	GERONIMO WAY	2252B EAST SAN BERNARDINO AVE	END	0.050	9H45	H8
241	GILLETT DR	197 OLSON LN	END	0.370	7J15	B9
152	GILMORE RD	25 PONY EXPRESS TRL	END	0.560	8H54	H10
2765	GINA WAY	2763 BEASLEY DR	2761 CRAZY HORSE CT	0.050	7J25	J2
305	GLADSTONE LN	302 TWIN OAKS RD	304 ROYAL DR	0.130	8J21	B1
2133	GLEN DR	2132 RICHARD AVE	END	0.110	8J12	C1
2300	GLEN DR	2301 WOODLAND DR	SH089	0.420	9H24	H9
2193	GLEN EAGLES RD	2535 ELKS CLUB DR	END	0.200	10H41	A6
2193	GLEN EAGLES RD	114 PIONEER TRL	END	0.370	10H41	B6
1028	GLEN RIDGE CT	257 POWERS DR	END	0.060	7J15	B10
1027	GLEN RIDGE WAY	256 RIDGEVIEW DR	257 POWERS DR	0.100	7J15	B10
1134	GLENHAVEN CT	1133 HILLSDALE CIR	END	0.090	7J25	E6
1946	GLENMORE WAY	END	2203 TAHOE MOUNTAIN RD	0.430	9H45	G2
1946	GLENMORE WAY	2203 TAHOE MOUNTAIN RD	1947 DUNDEE CIR	0.030	9H45	G2
1969	GLENMORE WAY	1966 HIGHLAND HILLS DR	1973 LOCH WAY	0.140	7J15	D6
2042	GLENRIDGE PKY	SH089	2042 GLENRIDGE PKY	0.730	9H24	H5
2506	GOLD DUST TRL	END	2508 JICARILLO TRL	0.260	10H41	C2
70	GOLD HILL RD	21 LOTUS RD	SHWY 49	4.430	8H51	A10
1042	GOLD RIDGE TRL	90 SLY PARK RD	90 SLY PARK RD	1.910	8J15	D1
1003	GOLD RUSH LN	SH049	END	0.170	8H52	F9
2077	GOLDEN ASPEN CT	2076 GOLDEN ASPEN DR	END	0.050	08J	J4

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2076	GOLDEN ASPEN DR	2082 EVERGREEN DR	END	0.590	08J	J4
2499	GOLDEN BEAR TRL	114 PIONEER TRL	END	0.840	10H41	C2
1471	GOLDEN CENTER DR	132 FORNI RD	9 MISSOURI FLAT RD	0.340	8J12	G6
902	GOLDEN CT	182 RAINBOW TRL	END	0.100	8J15	B4
2354	GOLDEN EAGLE LN	2347 SILVA VALLEY PKY	END	0.120	7J15	D10
1124	GOLDEN FOOTHILL PKY	18 LATROBE RD	18 LATROBE RD	1.590	7J25	D4
184	GOLDEN ST	182 RAINBOW TRL	183 LOCH LEVEN DR	0.440	8J15	C4
2505	GOLDPAN CT	2504 EARLY DAWN TRL	END	0.060	10H41	C2
42	GOOSE FLAT RD	40 RATTLESNAKE BAR RD	END	0.290	7H55	C3
2046	GORDO CT	2161 FRANCISCO DR	END	0.080	7J15	B3
271	GOVERNOR DR	256 RIDGEVIEW DR	219 EL DORADO HILLS BLVD	0.520	7J15	C8
1092A	GRACE CT	1091 RYAN DR	END	0.050	8J12	G8
1092B	GRACE CT	1092A GRACE CT	END	0.010	8J12	G8
1092	GRACE DR	SH049	1091 RYAN DR	0.200	8J12	G8
397	GRANADA CT	395 GRANADA DR	END	0.140	8J11	B9
395	GRANADA DR	393 EL TEJON RD	398 PASADA RD	0.580	8J11	A9
62	GRAND FIR CIR	SH049	SH049	0.450	7H45	J5
2334	GRANITE MOUNTAIN CIR	2203 TAHOE MOUNTAIN RD	END	0.200	9H45	G3
1052	GRANITE TRL	1042 GOLD RIDGE TRL	2067 HAZEL ST	0.270	8H55	C10
2312	GRASS LAKE RD	END	SH089	1.090	9H55	J3
2313	GRASS LAKE WAY	2312 GRASS LAKE RD	END	0.090	9H55	J4
1014	GRASSY RUN CT	7 GREENSTONE RD	END	0.230	8J12	B7
2170	GRAY AVE	1548 PINE ST	END	0.240	9H24	G2
58	GRAYBAR MINE RD	56 GREENWOOD RD	SH193	1.890	8H42	D4
2757	GREAT HERON DR	2675 SUMMER DR	END/BARRICADE	0.060	7J15	K10
313	GREEN GLEN CT	312 GREEN GLEN RD	END	0.030	8J21	B1
312	GREEN GLEN RD	306 CAMBRIDGE RD	314 LARKSPUR LN	0.240	8J11	B1
2	GREEN VALLEY RD	SAC CO	9 MISSOURI FLAT RD	15.520	7J14	A6
2	GREEN VALLEY RD	9 MISSOURI FLAT RD	PLCR	1.640	8J12	D4
242	GREENLEAF DR	240 MOTHER LODE DR	END	0.270	8J12	F6
7A	GREENSTONE CUTOFF	240 MOTHER LODE DR	7 GREENSTONE RD	0.270	8J12	B9
7	GREENSTONE RD	240 MOTHER LODE DR	2 GREEN VALLEY RD	2.530	8J12	B10
337	GREENWOOD LN	334 MERRYCHASE DR	315 KNOLLWOOD DR	0.260	7J25	K1
56	GREENWOOD RD	76 MARSHALL RD	SH0193	5.000	8H41	A5
1896	GREENWOOD RD	1892 LOWER MAIN ST	1891 PLACER ST	0.240	8H42	F2
913	GREYLING WAY	912 SHAD WAY	END	0.150	8J15	B4
887	GRIFFITH DR	END	898 PATTERSON DR	0.290	8J12	H9
1906	GRIZZLY CREEK DR	1907 PARKSIDE DR	1907 PARKSIDE DR	0.290	08J	K4
2357	GRIZZLY CT	2356 ANTELOPE WAY	END	0.040	9H24	G3
100	GRIZZLY FLAT RD	78 MT AUKUM RD	103 LEONI RD	10.930	08J	G3
2287	GRIZZLY MOUNTAIN CT	159 NORTH UPPER TRUCKEE	END	0.070	9H45	G7
2275	GRIZZLY MOUNTAIN DR	159 NORTH UPPER TRUCKEE	159 NORTH UPPER TRUCKEE	0.850	9H45	G7
2159	GUADALUPE DR	2039 LAKEHILLS DR	END	1.060	7J15	B2
2465	GUADALUPE ST	2464 ARAVAIPA ST	END	0.200	10H41	C3
203	HACIENDA RD	207 FAIRWAY DR	340 VALERIO DR	0.420	8J21	C1
107	HACKOMILLER RD	53 GARDEN VALLEY RD	59 BLACK OAK MINE RD	2.290	8H42	F8
2062	HAELING PL	2660 MANNING DR	END	0.030	7J15	B4
2149	HAIDAS CIR	2016 APACHE AVE	END	0.260	9H45	K10
266	HAIGHT CT	262 STANFORD LN	END	0.090	7J15	C8
1746	HALCON RD	1744 CAMINO HILLS DR	END	0.100	8J13	K3
2662	HALIFAX PL	2661 HALIFAX WAY	END	0.060	7J15	B4

ROAD NUMBER	ROAD NAME	FROM (NUMBER AND NAME)	TO (NUMBER AND NAME)	LENGTH MILES	MAP NUMBER	MAP COORDINATE
2661	HALIFAX WAY	2664 TEMPLETON DR	2660 MANNING DR	0.530	7J15	B4
2539	HAMPSHIRE PL	2161 FRANCISCO DR	END	0.090	7J15	B3
329	HAMPTON CT	309 WENTWORTH RD	END	0.070	7J25	K1
328	HAMPTON LN	309 WENTWORTH RD	318 KIMBERLY RD	0.190	8J21	A1
2461	HAN ST	2249 BLITZEN RD	SH089	0.240	9H45	H10
1350	HANK MONK AVE	1351 BLACK BART AVE	1351 BLACK BART AVE	0.400	10H41	D1
32	HANKS EXCHANGE RD	77 PLEASANT VALLEY RD	END	0.770	8J13	E10
282	HANOVER CT	281 WILLOWDALE DR	END	0.070	7J15	C7
174	HAPPY VALLEY CUTOFF RD	78 MT AUKUM RD	80 HAPPY VALLEY RD	0.670	08J	G3
80	HAPPY VALLEY RD	78 MT AUKUM RD	877 COSUMNES MINE RD	11.780	08J	G3
1897	HARKNESS ST	1881 CHURCH ST	END	0.320	8H42	G2
1301	HARNESS TRACT RD	8039	1334 LARSEN DR	0.250	8J14	C1
1521	HARRIS AVE	1542 HAZEL ST	1511 WILSON AVE	0.110	9H24	H3
1722	HARRIS RD	1731 NORMAN WAY	1721 ELMER ST	0.090	8J14	C2
2549	HARTFORD CT	2541 SHEFFIELD DR	END	0.040	7J15	C3
1103	HARVARD WAY	219 EL DORADO HILLS BLVD	2347 SILVA VALLEY PKY	0.410	7J15	C9
1980	HARVEY RD	END	END	0.100	8J11	B10
2574	HARWICH CT	2571 RALEIGH WAY	END	0.030	7J15	C4
119	HASSLER RD	2600 UNION RIDGE RD	120 NORTH CANYON RD	3.500	8J13	F1
511	HASTINGS DR	2 GREEN VALLEY RD	67 STARBUCK RD	0.310	8J11	A6
1460	HAVENSTAR LN	1458 KOKI LN	1459 CROSSBILL LN	0.090	8J12	F9
600	HAWKER PL	272 ST ANDREWS DR	END	0.040	7J15	C8
1126	HAWK'S FLIGHT CT	1124 GOLDEN FOOTHILL PKY	END	0.100	7J25	D4
1349	HAWLEY GRADE RD	169 SOUTH UPPER TRUCKEE	END	0.250	9H55	H5
1941	HAYLOFT CT	1937 BEECHWOOD DR	END	0.040	7J15	C4
1542	HAZEL ST	1537 SIXTH AVE	1521 HARRIS AVE	0.130	9H24	G3
2067	HAZEL ST	1051 AMBER TRL	1992 RIDGEWAY DR	0.880	8H55	C10
2403	HAZEL VALLEY RD	88 PARK CREEK RD	END	2.480	8H55	J9
154	HEADINGTON RD	9 MISSOURI FLAT RD	END	0.200	8J12	F5
2579	HEARTHSTONE PL	2567 KENSIGNTON DR	END	0.030	7J15	C4
2553	HEATHCOT PL	2551 CARDIFF CIR	END	0.080	7J15	C3
1944	HEATHER CIR	1943 UPLANDS WAY	1943 UPLANDS WAY	0.290	9H45	G3
633	HEDLAND PL	630 WILLISTON WAY	END	0.090	7J15	D8
226	HEIGHTS DR	304 ROYAL DR	304 ROYAL DR	0.330	8J21	C1
2423	HEKPA DR	END	2405 NO NAME	0.210	10H41	B5
2423	HEKPA DR	114 PIONEER TRL	114 PIONEER TRL	0.410	10H41	B6
1852	HEMLOCK AVE	1851 ALPINE AVE	END	0.110	9H55	C3
2689	HEMMINGWAY CT	1020 CRAZY HORSE RD	END	0.050	7J25	K2
2494	HENDERSON ST	2497 WAILAKI ST	END	0.350	9H45	H10
1136	HENSLEY CIR	234 WARREN LN	1136 HENSLEY CIR	0.750	7J15	B7
988	HIBISCUS CT	990 PENNYROYAL DR	END	0.080	8J14	J6
2395	HIDATSA CIR	2393 ARIKAWA ST	2393 ARIKAWA ST	0.200	10H41	A10
2396	HIDATSA CT	2395 HIDATSA CIR	END	0.040	10H41	A10
2408	HIGH MEADOW TRL	114 PIONEER TRL	END	0.790	10H41	D2
2419	HIGH MEADOWS CT	2408 HIGH MEADOW TRL	END	0.060	10H41	D2
1910	HIGH ST	1911 CHURCH ST	1917 BACK ST	0.140	8H52	B5
176	HIGHLAND DR	175 HIGHVIEW DR	END	0.070	9H24	H9
1966	HIGHLAND HILLS DR	2347 SILVA VALLEY PKY	END	0.820	7J15	C5
1942	HIGHLANDS DR	1946 GLENMORE WAY	END	0.110	9H45	G2
175	HIGHVIEW DR	2169 FOREST VIEW DR	END	0.180	9H24	H9
2126	HILLBILLY LN	2125 KYBURZ DR	2125 KYBURZ DR	0.160	09H	E10

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529	HILLCREST DR	394 WILKINSON RD	503 WAVERLY DR	0.510	7J15	K8
2316	HILLS CT	2315 ROLLING HILLS DR	END	0.030	8H42	F2
300	HILLSBOROUGH RD	198 COUNTRY CLUB DR	304 ROYAL DR	0.450	8J21	B1
1133	HILLSDALE CIR	1132 ROBERT J MATHEWS PKY (S)	1132 ROBERT J MATHEWS PKY (N)	0.720	7J25	E5
1955	HILLTOP CT	1954 HILLTOP DR	END	0.030	08J	J4
1954	HILLTOP DR	1951 BLUE MOUNTAIN DR	1952 PIONEER DR	0.150	08J	J4
2175	HILO AVE	2173 MCKINNEY RD	PLACER CO	0.130	9H24	F2
1122	HILTON WAY	135 MEDER RD	1121 BUENA VISTA RD	0.330	8J11	E10
1865	HINMAN ALY	77 PLEASANT VALLEY RD	1866 NORTH ST	0.050	8J12	F9
418	HOFFMAN CT	2161 FRANCISCO DR	END	0.130	7J15	C6
2811	HOLLOW OAK DR	BASS LAKE RD	WHISKEY DRIFT DR	1.210	7J15	J3
310	HOLLY HILLS LN	306 CAMBRIDGE RD	306 CAMBRIDGE RD	0.420	8J21	B1
2500	HOMESTEAD TRL	2499 GOLDEN BEAR TRL	END	0.080	10H41	D2
2677	HONEY CIR	2675 SUMMER DR	2675 SUMMER DR	0.210	7J15	J9
2024	HOPI AVE	SH050	2019 MODOC WAY	0.300	9H45	H10
1352	HORACE GREELEY AVE	1350 HANK MONK AVE	1350 HANK MONK AVE	0.200	10H41	D1
1870	HOWARD CIR	SH049	SH049	0.210	8J12	J7
2325	HUMBOLT ST	2321 COPPER WAY	2324 AMADOR WAY	0.150	10H41	E1
2468	HUNKPAPA ST	2472 KULOW ST	2475 CARNARSEE ST	0.330	10H41	C3
2474	HUPH ST	2468 HUNKPAPA ST	2467 MINNICONJOU DR	0.060	10H41	C3
2466	IBACHE ST	2464 ARAVAIPA ST	END	0.240	10H41	C3
147	ICE HOUSE RD	SH050	63 WENTWORTH SPGS RD(SOUTH)	22.710	09H	B10
147	ICE HOUSE RD	63 WENTWORTH SPGS RD(SOUTH)	63 WENTWORTH SPGS RD(NORTH)	1.230	09H	C6
147	ICE HOUSE RD	63 WENTWORTH SPGS RD(NORTH)	END/ END PVMT	7.120	09H	C6
2727	IMAD CT	1976 ABERDEEN LN	END	0.080	7J15	E6
2142	INCA WAY	2143 PAWNEE DR	END	0.050	9H45	K10
92	INDIAN DIGGINS RD	35 OMO RANCH RD	END	3.260	08J	J5
2726	INDIGO CT	2675 SUMMER DR	END	0.060	7J15	J10
2251	INDIGO WAY	2252B EAST SAN BERNARDINO AVE	END	0.040	9H45	H8
1470	INDUSTRIAL DR	9 MISSOURI FLAT RD	END	0.390	8J12	G7
544A	INTREPID DR	510 ROYCE DR	END	0.030	8J11	B6
544B	INTREPID DR	370 LA CRESCENTA DR	END	0.030	8J11	B6
2566	INVERNESS PL	2565 SAILSBURY DR	END	0.120	7J15	C4
1135	INVESTMENT BLVD	18 LATROBE RD	END	0.340	7J25	E6
2335	IRON MOUNTAIN CIR	2203 TAHOE MOUNTAIN RD	END	0.250	9H45	G5
2153	IROQUOIS CIR	2155 MOHICAN DR	2155 MOHICAN DR	0.770	10H41	A10
2746	ITO CT	375 CHASEN DR	END	0.050	8J11	D9
2508	JACARILLO TRL	END	END	0.280	10H41	C2
2422	JACK BELL CT	1351 BLACK BART AVE	END	0.030	10H41	D1
1090	JACKPINE RD	5 PONDEROSA RD	END	0.200	8J11	F9
438	JACKSON CT	427 DOWNIEVILLE DR	END	0.030	7J15	C6
101	JACQUIER RD	589 SMITH FLAT RD (S)	89 CARSON RD	0.960	8J13	E3
1046	JADE CT	1044 JADE DR	END	0.080	8H55	E10
1044	JADE DR	1043 OPAL TRL	1049 ONYX TRL	0.300	8H55	D10
164	JANE DR	SH049	END	0.080	8J12	H1
1984	JARED PL	2627 FALKIRK WAY	END	0.050	7J15	C7
2706	JASMINE CIR	2675 SUMMER DR	2675 SUMMER DR	0.280	7J15	J9
194	JASPER CT	193 STOPE WAY	END	0.110	08J	C3
2000	JEWELL RD	SH050	SH050	0.400	9H45	K5
2463	JICARILLA DR	114 PIONEER TRL	END	0.530	10H41	C3
161	JIM VALLEY RD	85 FORT JIM RD	END	0.260	8J13	H5

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19	JOERGER CUTOFF RD	34B WHITE ROCK RD	END	0.230	7J25	E2
116	JOHNSON PASS RD	SH050	8817 ECHO SUMMIT RD	0.750	9H55	F1
2145	JONI CT	2144 LOYAL LN	END	0.050	8H54	K10
350	JOSE CT	206 SUDBURY RD	END	0.080	8J11	C9
1996	JUDY DR	1811 ROXANA ST	1811 ROXANA ST	0.260	8J12	H1
1157	JULIE ANN WAY	257 POWERS DR	END	0.080	7J15	B9
566	JULIE CT	543 ABBOTT RD	END	0.070	7J15	K8
136	JURGENS RD	66 DEER VALLEY RD	97 LUNEMAN RD	2.240	8J11	C1
565	JUSTIN WOODS CT	543 ABBOTT RD	END	0.060	7J15	K8
893	JUSTINE AVE	898 PATTERSON DR	894 CRYSTAL DR	0.290	8J12	H8
891	JUSTINE CT	893 JUSTINE AVE	END	0.040	8J12	H8
186	KAMLOOPS DR	185 LOCH LEVEN DR	END	0.030	8J15	B5
68	KANAKA VALLEY RD	66 DEER VALLEY RD	END	1.890	7J15	H1
2436	KANSA ST	2426 WASHOAN BLVD	2437 MUSKWAKI DR	0.060	10H41	B5
2440	KASKA ST	2439 SHAKORI DR	END	0.290	9H45	J9
2492	KATA CT	2491 KEKIN ST	END	0.040	9H45	H10
587	KATIE WAY	586 BEATTY DR	257 POWERS DR	0.090	7J15	B10
523	KATO CT	306 CAMBRIDGE RD	END	0.060	7J15	K8
2460	KATO ST	2249 BLITZEN RD	END	0.030	9H45	H10
2456	KEETAK ST	2121 CORNELIAN DR	2453 POMO ST	0.230	9H45	H10
2491	KEKIN ST	2493 NAHANE DR	169 SOUTH UPPER TRUCKEE	0.480	9H45	H10
170	KELSEY RD	SH193	SH0193	0.240	8H52	H5
2617	KENNEDY PL	2612 FAIRCHILD DR	END	0.040	7J15	C6
2597	KENSINGTON CT	2567 KENSINGTON DR	END	0.100	7J15	C5
2567	KENSINGTON DR	2161 FRANCISCO DR	1115 VILLAGE CENTER DR	0.760	7J15	B4
2703	KENTFIELD CT	2704 KENTFIELD DR	END	0.060	8J11	C9
2704	KENTFIELD DR	2699 BRIDGEPORT DR	2703 KENTFIELD CT	0.260	8J11	C8
2626	KESWICK DR	2612 FAIRCHILD DR	2627 FALKIRK WAY	0.370	7J15	C7
2659	KETTERING PL	2661 HALIFAX WAY	END	0.020	7J15	B3
2279	KICKAPOO ST	2277 MEWUK DR	2284 KIOWA DR	0.800	9H45	G10
1974	KILT CIR	1973 LOCH WAY	1973 LOCH WAY	0.330	7J15	D5
318	KIMBERLY RD	315 KNOLLWOOD DR	315 KNOLLWOOD DR	1.510	8J11	A1
330	KIMWORTH LN	318 KIMBERLY RD	309 WENTWORTH RD	0.100	8J11	A1
410	KING EDWARD CT	292 CROWN DR	END	0.130	7J15	C7
299	KING EDWARD DR	292 CROWN DR	293 KING RICHARD DR	0.630	7J15	B7
403	KING GEORGE CT	402 KING GEORGE WAY	END	0.040	7J15	C7
2107	KING GEORGE DR	2135 VIEW CIR	1481 RUBICON DR	0.340	9H24	H8
402	KING GEORGE WAY	293 KING RICHARD DR	299 KING EDWARD DR	0.160	7J15	B7
407	KING HENRY CT	293 KING RICHARD DR	END	0.050	7J15	B7
295	KING HENRY WAY	292 CROWN DR	293 KING RICHARD DR	0.150	7J15	B7
298	KING JAMES WAY	293 KING RICHARD DR	299 KING EDWARD DR	0.160	7J15	B7
297	KING JOHN WAY	293 KING RICHARD DR	299 KING EDWARD DR	0.160	7J15	B7
408	KING RICHARD CT	293 KING RICHARD DR	END	0.050	7J15	B7
293	KING RICHARD DR	299 KING EDWARD DR	END	0.460	7J15	B7
218	KINGS CANYON DR	216 ARROWHEAD DR	END	0.100	7J25	C2
1957	KINGS ROW DR	1958 PINE RIDGE DR	1951 BLUE MOUNTAIN DR	0.250	08J	J4
2284	KIOWA DR	2283 KORU ST	159 NORTH UPPER TRUCKEE	1.030	9H45	F8
2715	KIRKWOOD CT	2658 KIRKWOOD DR	END	0.060	7J15	J9
2658	KIRKWOOD DR	2706 JASMINE CIR	2654 ALYSSUM CIR	0.110	7J15	J9
2667	KLONDIKE WAY	2653 MAGNOLIA HILLS DR	END	0.230	7J15	J9
417	KNIGHT LN	259 PATTERSON WAY	END	0.360	7J15	B10

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1154	KNIGHTS CT	417 KNIGHT LN	END	0.030	7J15	B9
1153	KNOLLRIDGE CT	1152 KNOLLRIDGE DR	END	0.020	7J15	B9
1152	KNOLLRIDGE DR	256 RIDGEVIEW DR	257 POWERS DR	0.300	7J15	B10
336	KNOLLWOOD CT	315 KNOLLWOOD DR	END	0.090	8J21	A1
315	KNOLLWOOD DR	306 CAMBRIDGE RD	END	2.270	7J15	J1
2355	KODIAK CT	2356 ANTELOPE WAY	END	0.030	9H24	G3
904	KOKANEE LN	906 SPECKLED RD	908 SALMON WAY	0.360	8J15	B4
2406	KOKANEE TRL	114 PIONEER TRL	2406 KOKANEE TRL	0.030	10H41	D2
2406	KOKANEE TRL	2406 KOKANEE TRL	2406 KOKANEE TRL	0.240	10H41	D2
1458	KOKI LN	SH049	END (GATE)	0.300	8J12	G9
2023	KONA ST	2172 DEER AVE	END	0.020	9H24	G3
2283	KORU ST	159 NORTH UPPER TRUCKEE	END	0.310	9H45	F8
2470	KOYUKON DR	2428 NADOWA ST	END	0.480	10H41	B3
2472	KULOW ST	2470 KOYUKON DR	2467 MINNICONJOU DR	0.180	10H41	B5
2125	KYBURZ DR	SH050	SH050	0.480	09H	E10
372	LA CANADA CT	371 LA CANADA DR	END	0.150	8J11	B7
371	LA CANADA DR	521 STERLING WAY	306 CAMBRIDGE RD	0.080	7J15	K7
371	LA CANADA DR	306 CAMBRIDGE RD	200 CAMERON PARK DR	0.380	7J15	K7
371	LA CANADA DR	200 CAMERON PARK DR	END	0.300	8J11	B7
367	LA CIENEGA CT	366 LA CIENEGA WAY	END	0.050	8J11	B7
366	LA CIENEGA WAY	360 ALHAMBRA DR	371 LA CANADA DR	0.320	8J11	B7
370	LA CRESCENTA DR	END	510 ROYCE DR	0.740	8J11	B6
579	LA TOMJO CT	370 LA CRESCENTA DR	END	0.040	8J11	B6
2686	LADY MARCI CT	2216 MORMON ISLAND DR	END	0.070	7J15	B6
1078	LAGO VISTA DR	255 WILSON BLVD	END	0.190	7J25	B1
1202	LAKE RIDGE DR	1200 PARK WOODS DR	1200 PARK WOODS DR	0.380	8J15	D2
2204	LAKE TAHOE BLVD	159 NORTH UPPER TRUCKEE	URBAN LIMIT	1.580	9H45	G5
2204	LAKE TAHOE BLVD	URBAN LIMIT	SLTO	1.540	9H45	H3
2049	LAKECREST DR	2060 MARINA VIEW DR	END	0.110	7J15	B4
2039	LAKEHILLS DR	39 SALMON FALLS RD	END	1.860	7J15	B2
2224	LAKERIDGE CT	2220 LAKERIDGE OAKS DR	END	0.080	7J14	K6
2226	LAKERIDGE CT	2228 SUNRISE AVE	END	0.100	9H24	H7
2227	LAKERIDGE DR	2228 SUNRISE AVE	END	0.200	9H24	H7
2220	LAKERIDGE OAKS DR	2 GREEN VALLEY RD	2 GREEN VALLEY RD	0.640	7J14	A6
2032	LAKEVIEW DR	2342 SILVERTIP DR	2230 SATURN DR	0.150	9H24	H7
2032	LAKEVIEW DR	2029 BAY VIEW DR	END	0.230	9H24	H6
2304	LAKEVIEW DR	2168 CREST DR	2302 MANZANITA DR	0.120	9H24	H9
1206	LAKEWOOD CT	1205 LAKEWOOD DR	END	0.030	8J15	D2
1205	LAKEWOOD DR	90 SLY PARK RD	END	0.510	8J15	D2
522	LAMAR CT	521 STERLING WAY	END	0.040	7J15	K7
2783	LAMBETH CT	2725 LAMBETH DR	END /BULB	0.050	7J15	J7
2725	LAMBETH DR	2714 FOXMORE LN	4 BASS LAKE RD	0.450	7J15	J7
2375	LAMOR CT	2268 MOUNTAIN CANARY DR	END	0.110	9H45	H5
2560	LANCASTER PL	2554 CARNELIAN CIR	END	0.040	7J15	C3
1032	LANGDON CT	271 GOVERNOR DR	END	0.050	7J15	C9
2598	LANTERN CT	2567 KENSINGTON DR	END	0.030	7J15	C5
594	LAPIS CT	593 MALACHITE WAY	END	0.040	7J15	K7
314	LARKSPUR LN	331 OSBORNE RD	315 KNOLLWOOD DR	0.240	8J11	B1
1707	LARKSPUR LN	1706 CEDAR DR	END	0.060	8J14	G1
1334	LARSEN DR	89 CARSON RD	121 CABLE RD	2.410	8J14	C1
368	LAS TUNAS WAY	360 ALHAMBRA DR	370 LA CRESCENTA DR	0.090	8J11	B7

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233	LASSEN LN	214 PARK DR	219 EL DORADO HILLS BLVD	0.120	7J25	C1
261	LATHAM LN	197 OLSON LN	262 STANFORD LN	0.490	7J15	C8
18	LATROBE RD	AMA CO	SH050	11.470	7J25	D2
94	LATROBE TRIANGLE	17 SOUTH SHINGLE RD	18 LATROBE RD	0.350	08J	A5
1696	LAUREL DR	25 PONY EXPRESS TRL	1690 PINE ST	0.270	8H55	B9
1054	LAVA LN	1053 GARNET RD	1057 PEARL RD	0.070	8J15	E1
2740	LAWNDALE CT	319C WOODLEIGH LN	END	0.060	7J15	J8
168	LAWRENCE RD	36 CEDAR CREEK RD	AMADOR CO	0.040	08J	F6
179	LAZO CT	2039 LAKE HILLS DR	END	0.030	7J15	C2
599	LAZURITE LN	597 AQUAMARINE CIR	597 AQUAMARINE CIR	0.070	7J15	K7
2066	LEAF CIR	1992 RIDGEWAY DR	2067 HAZEL ST	0.120	8H55	C9
2697	LEE DR	2712 PLATEAU CIR	END	0.030	7J15	K9
899	LEISURE LN	77 PLEASANT VALLEY RD	END	1.660	8J14	B9
103	LEONI RD	2078 WOODED GLEN DR	100 GRIZZLY FLAT RD	0.560	08J	J4
2171	LEWIS AVE	1548 PINE ST	END	0.220	9H24	F2
2012	LEWIS RD	2009 CREST VIEW DR	END	0.100	8J12	J8
1062	LIFE WAY	2793 MORELWAY	09 MISSOURI FLAT RD	0.500	8J12	D5
1699	LILAC RD	1697 ROBERT RD	END	0.070	8H54	H10
2361	LILYAMA RD	SH049	SH049	0.340	8H51	D1
2789	LIMA CT	END	1972 SHETLAND WY	0.190	7J15	D6
2780	LIMA WAY	1976 ABERDEEN LN	END/BARRICADE	0.030	7J15	E6
28	LIME KILN RD	1017 CHINA GARDEN RD	SH049	0.450	8J12	J7
2237	LINDBERG AVE	132 FORNI RD	240 MOTHER LODE DR	0.640	8J12	F6
2122	LINDENWOOD DR	2120 MULBERRY DR	2349 ELMWOOD DR	0.200	9H45	J10
2575	LINHURST CT	2571 RALEIGH WAY	END	0.070	7J15	C4
210	LINWOOD LN	207 FAIRWAY DR	END	0.140	8J11	C10
2496	LIPAN ST	2493 NAHANE DR	2494 HENDERSON ST	0.200	9H45	H10
2290	LITTLE BEAR LN	2275 GRIZZLY MOUNTAIN DR	2275 GRIZZLY MOUNTAIN DR	0.210	9H45	G7
2346	LITTLE MOUNTAIN LN	2204 LAKE TAHOE BLVD	2295 MOUNT SHASTA CIR	0.050	9H45	G6
185	LOCH LEVEN DR	182 RAINBOW TRL	END	0.870	8J15	B4
1973	LOCH WAY	1972 SHETLAND WAY	2 GREEN VALLEY RD	1.370	7J15	D5
2769	LOCHABER DR	2770 CLAYMORE CT	2768 BRAEMER DR	0.180	8J11	D8
1874	LOCUST RD	1871 GEORGES ALY	1017 CHINA GARDEN RD	0.070	8J12	H7
2511	LODGEPOLE TRL	2509 PROSPECTOR TRL	END	0.220	10H41	B2
1335	LODI AVE	2052 BARBARA AVE	SLTO	0.030	10H31	C10
2045	LOMA VERDE CT	2034 LOMA VERDE DR	END	0.040	7J15	C3
2034	LOMA VERDE DR	2159 GUADALUPE DR	END	0.280	7J15	C3
2040	LOMITA WAY	2036 BONITA DR	END	0.030	7J15	C3
1967	LOMOND DR	1966 HIGHLAND HILLS DR	1969 GLENMORE WAY	0.370	7J15	C5
1880	LON CT	2010 NORTH CIRCLE DR	END	0.110	8J12	J8
2501	LONE INDIAN TRL	2508 JACARILLO TRL	2500 HOMESTEAD TRL	0.340	10H41	C2
889	LONE STAR CT	898 PATTERSON DR	END	0.060	8J12	H9
2238	LONG AVE	2237 LINDBERG AVE	2237 LINDBERG AVE	0.300	8J12	F6
2338	LOOKOUT POINT CIR	2266 ELK POINT DR	2266 ELK POINT DR	0.190	9H45	F5
568	LOON CT	543 ABBOTT RD	END	0.070	7J15	K8
883	LORRAIN ST	13 FRENCH CREEK DR	END	0.180	8J21	H2
1073	LOS ALTOS CT	255 WILSON BLVD	END	0.030	7J25	C1
199	LOS SANTOS DR	198 COUNTRY CLUB DR	198 COUNTRY CLUB DR	0.630	8J21	C1
2248	LOST LN	2016 APACHE AVE	END	0.050	9H45	K10
21	LOTUS RD	2 GREEN VALLEY RD	SH049	6.790	8J11	G1
1892	LOWER MAIN ST	1896 GREENWOOD RD	76 MARSHALL RD	0.210	8H42	F2

ROAD NUMBER	ROAD NAME	FROM (NUMBER AND NAME)	TO (NUMBER AND NAME)	LENGTH MILES	MAP NUMBER	MAP COORDINATE
1892	LOWER MAIN ST	76 MARSHALL RD	SH0193	0.050	8H42	F2
2144	LOYAL LN	122 BLAIR RD	2146 MARJORIE WAY	0.270	8H54	K10
97	LUNEMAN RD	136 JURGENS RD	21 LOTUS RD	3.960	8H51	C9
2529	LUNN CT	2527 PLAYER DR	END	0.050	10H41	A8
992	LUPIN LN	999 SIERRA SPRINGS DR	END	0.720	8J14	A6
2417	LUPINE TRL	2416 MARSHALL TRL	2416 MARSHALL TRL	0.810	10H41	D2
2236	LYDIA LN	2 GREEN VALLEY RD	END	0.170	8J12	E4
48	MACE RD	25 PONY EXPRESS TRL	121 CABLE RD	1.070	8J14	F1
901	MACKINAW ST	185 LOCH LEVEN DR	END	0.080	8J15	B4
2707	MADERA WAY	4 BASS LAKE RD	2706 JASMINE CIR	0.040	7J15	J9
1703	MADRONE DR	1700 CANYON RD	END	0.120	8J14	G1
2653	MAGNOLIA HILLS DR	END	4 BASS LAKE RD	0.310	7J15	J8
2653	MAGNOLIA HILLS DR	2651 TEA ROSE DR	END	0.270	7J15	J8
2452	MAGUA ST	2024 HOPI AVE	END	0.080	9H45	H10
1898	MAIDEN LN	1881 CHURCH ST	1891 PLACER ST	0.080	8H42	G2
2479	MAIDENHAIR CT	2416 MARSHALL TRL	END	0.070	10H41	D2
1893	MAIN ST	SH193	63 WENTWORTH SPRINGS RD	0.500	8H42	G1
363	MAJAR CT	360 ALHAMBRA DR	END	0.090	8J11	B8
593	MALACHITE WAY	596 PERIDOT DR	592 SPINEL CIR	0.170	7J15	K7
2751	MALAGA CT	2694 ALMERIA DR	END	0.070	8J11	C7
173	MALCOLM DIXON RD	39 SALMON FALLS RD	2 GREEN VALLEY RD	2.040	7J15	C5
2745	MALLORCA CT	1792 RANCHO TIERRA CT	END	0.060	7J15	K9
111	MAMELUKE HILL RD	49 GEORGIA SLIDE RD	8026 MAMELUKE HILL RD	1.450	8H42	F1
649	MAMMOUTH CT	215 MAMMOUTH WAY	END	0.050	7J25	D2
215	MAMMOUTH WAY	216 ARROWHEAD DR	217 SARATOGA WY	0.120	7J25	C2
2391	MANDAN ST	2016 APACHE AVE	114 PIONEER TRL	0.880	9H45	K10
2660	MANNING DR	2061 WILDRIDGE DR	2661 HALIFAX WAY	0.710	7J15	B3
1747	MANZANA CT	1745 VISTA DEL MUNDO	END	0.090	8J13	K2
2302	MANZANITA DR	2301 WOODLAND DR	2301 WOODLAND DR	0.270	9H24	H9
1689	MANZANITA ST	25 PONY EXPRESS TRL	END	0.070	8H55	B10
225	MAPLE AVE	1696 LAUREL DR	END	0.200	8H55	B9
1678	MAPLE DR	END	END	0.110	8H55	B9
1002	MARBLE VALLEY RD	SH050	END	0.290	7J25	G2
1600	MARGARET DR	1601 FIR ST	1601 FIR ST	0.870	09H	G9
2053	MARINA PARK DR	2161 FRANCISCO DR	END	0.290	7J15	B5
2060	MARINA VIEW DR	2112 SCHOONER DR	2049 LAKECREST DR	0.320	7J15	B4
2657	MARIPOSA SPRINGS DR	2652 WATSONIA GLEN	2653 MAGNOLIA HILLS DR	0.080	7J15	J9
2146	MARJORIE WAY	2144 LOYAL LN	END	0.190	8H54	K10
1087	MARKET CT	1084 PRODUCT DR	END	0.130	8J21	F2
269	MARKHAM CT	262 STANFORD LN	END	0.050	7J15	C8
2480	MARSHALL CT	2416 MARSHALL TRL	END	0.110	10H41	D2
76	MARSHALL RD	SH049	1892 LOWER MAIN ST	9.100	8H52	A2
2416	MARSHALL TRL	2408 HIGH MEADOW TRL	2487 CATTLEMANS TRL	0.880	10H41	D2
1325	MARTIN AVE	SLTO	2052 BARBARA AVE	0.030	10H31	C10
1325	MARTIN AVE	2052 BARBARA AVE	1351 BLACK BART AVE	0.190	10H31	C10
2134	MARVA LN	20 COLD SPRINGS RD	2132 RICHARD AVE	0.320	8J12	C1
505	MARYETTA CT	503 WAVERLY DR	END	0.070	8J11	A8
2051	MAST CT	2050 OUTRIGGER DR	END	0.090	7J15	B4
2744	MATADOR CT	1792 RANCHO TIERRA CT	END	0.060	7J15	K9
1029	MATTHEW CT	197 OLSON LN	END	0.060	7J15	C9
2225	MAUL OAK CT	2220 LAKERIDGE OAKS DR	END	0.110	7J14	K6

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2157	MAYA WAY	2153 IROQUOIS CIR	END	0.050	10H41	A10
2722	MAYFIELD CT	2721 MAYFIELD DR	END	0.060	7J15	J7
2721	MAYFIELD DR	2725 LAMBETH DR	2714 FOXMORE LN	0.330	7J15	J7
2173	MC KINNEY RD	2171 LEWIS AVE	END	0.230	9H24	F3
47	MEADOW BROOK RD	SH193	46 BEAR CREEK RD	1.320	8H42	G7
2003	MEADOW CREST DR	1351 BLACK BART AVE	2002 CHINQUAPIN DR	0.350	10H31	D10
532	MEADOW CT	530 MELODYE LN	END	0.080	8J11	B6
1962	MEADOW GLEN DR	1904 WINDING WAY	1904 WINDING WAY	0.340	08J	K3
338	MEADOW LN	337 GREENWOOD LN	END	0.090	7J25	K1
2196	MEADOW VALE DR	SH050	2516 SOUTHERN PINES	0.970	9H45	J8
135	MEDER RD	200 CAMERON PARK RD	5 PONDEROSA RD	2.440	8J11	C9
2028A	MEEKS BAY AVE	1416 NORTH LN	SH089	0.750	9H24	H7
2028B	MEEKS BAY AVE	2028A MEEKS BAY AVE	END	0.270	9H24	H6
539	MELLOWDAWN WAY	394 WILKINSON RD	540 SANDHURST DR	0.090	7J15	K8
531	MELODYE CT	530 MELODYE LN	END	0.100	8J11	B6
530	MELODYE LN	2 GREEN VALLEY RD	END	0.060	8J11	B6
2340	MELROSE CT	2622 MELROSE WAY	END	0.050	7J15	C6
2622	MELROSE WAY	2612 FAIRCHILD DR	2616 BRACKENWOOD PL	0.100	7J15	C6
16	MEMORY LN	17 SOUTH SHINGLE RD	END	2.230	08J	B5
2105	MEMORY LN	169 SOUTH UPPER TRUCKEE RD	END	0.530	9H55	H3
2105A	MEMORY LN	169 SOUTH UPPER TRUCKEE RD	2105 MEMORY LN	0.030	9H55	H3
2670	MENDOCINO CT	2653 MAGNOLIA HILLS	END	0.050	7J15	J9
2669	MENDOCINO WAY	2653 MAGNOLIA HILLS DR	2667 KLONDIKE WAY	0.130	7J15	J9
1137	MEPHAM CT	1136 HENSLEY CIR	END	0.060	7J15	B8
1461	MERCHANDISE WAY	1464 ENTERPRISE DR	END	0.240	8J12	G7
1048	MERCURY TRL	1043 OPAL TRL	END	0.130	8J15	D1
2578	MEREDITH PL	2565 SAILSBURY DR	END	0.030	7J15	C4
2264	MERION RD	2263 PEBBLE BEACH DR	END	0.150	9H45	K7
415	MERRIAM CT	414 MERRIAM LN	END	0.060	7J15	C8
414	MERRIAM LN	1037 SAPPHIRE WAY	271 GOVERNOR DR	0.230	7J15	C8
334	MERRYCHASE DR	306 CAMBRIDGE RD	198 COUNTRY CLUB DR	0.660	7J25	J1
332	MERRYWOOD CIR	306 CAMBRIDGE RD (S)	306 CAMBRIDGE RD (N)	0.340	8J21	B1
1905	MERRYWOOD CT	1907 PARKSIDE DR	END	0.140	08J	K4
317	MERRYWOOD LN	332 MERRYWOOD CIR	END	0.070	8J21	B1
252	MESA VERDES CT	246 MESA VERDES DR	END	0.040	7J25	C1
246	MESA VERDES DR	214A PARK DR	214A PARK DR	0.910	7J25	C1
2277	MEWUK DR	2282 WINTOON DR	159 NOUTH UPPER TRUCKEE	0.990	9H45	F10
150	MEYERS RD	1712 8 MILE RD	8018 NO NAME	1.420	8J14	E1
2176	MIAMI AVE	2173 MCKINNEY RD	PLACER CO	0.160	9H24	F2
2177	MIAMI CT	2173 MCKINNEY RD	END	0.040	9H24	F3
1060	MICA CT	1059 ZINC DR	END	0.080	8H55	C10
1	MIDDLETOWN RD	PLCR	PLCR	0.200	8J12	H2
1993	MIDWAY AVE	1992 RIDGEWAY DR	90 SLY PARK RD	0.080	8H55	D9
1934	MILANO CT	1933 BANCROFT DR	END	0.030	7J15	C5
2363	MILL RUN	END(WEST)	END (EAST)	0.960	8H55	H9
316	MILLBRAE RD	308 CHELSEA RD	315 KNOLLWOOD DR	0.570	8J11	A1
172	MILLER RD	2 GREEN VALLEY RD	END	0.240	7J15	B5
1953	MILLWOOD DR	1952 PIONEER DR	1951 BLUE MOUNTAIN DR	0.090	08J	J4
2455	MINAL ST	2454 CIRUGU ST	END	0.120	9H45	H9
1119	MINESHAFT LN	END	5 PONDEROSA RD	0.090	8J11	F10
2435	MINGWE ST	2434 NOTTAWAY DR	2431 ACOMA CIR	0.070	10H41	B5

2019
EL DORADO COUNTY
MAINTAINED ROAD DATA

ROAD NUMBER	ROAD NAME	FROM (NUMBER AND NAME)	TO (NUMBER AND NAME)	LENGTH MILES	MAP NUMBER	MAP COORDINATE
882	MINING BROOK RD	84 NEWTOWN RD	84 NEWTOWN RD	0.650	8J13	G4
2425	MINK CT	2424 TOKOCHI ST	END	0.040	10H41	B6
2467	MINNICONJOU DR	2462 SUSQUEHANA DR	END	0.380	10H41	C3
359	MIRA LOMA DR	360 ALHAMBRA DR	END	1.090	8J11	B8
9	MISSOURI FLAT RD	2 GREEN VALLEY RD	SH049	3.440	8J12	D4
1867	MISSOURI ST	SH049	END	0.130	8J12	F8
2443	MIZTEC CT	2391 MANDAN ST	END	0.050	10H41	A8
2442	MIZTEC ST	2441 OJIBWA ST	2391 MANDAN ST	0.240	9H45	K10
514	MODOC CT	513 SANDPIPER WAY	END	0.040	7J15	J7
2019	MODOC WAY	2090 ARROWHEAD AVE	END	0.350	9H45	H10
2018	MOHAWK ST	2024 HOPI AVE	END	0.180	9H45	H10
2155	MOHICAN DR	2153 IROQUOIS CIR	2016 APACHE AVE	0.630	9H45	J10
2094	MOJAVE ST	2089 TOMAHAWK LN	2090 ARROWHEAD AVE	0.080	9H45	J8
535	MOLINER DR	533 PERLETT DR	563 CATAWBA DR	0.210	8J11	B8
1785	MONA DR	1781 PRESCOTT AVE	1781 PRESCOTT AVE	0.140	8J13	C1
192	MONITOR RD	SH049	END	1.620	08J	D4
311	MONTCLAIR RD	306 CAMBRIDGE RD	315 KNOLLWOOD DR	0.680	8J11	B1
2711	MONTE VERDE DR	18 LATROBE RD	34 WHITE ROCK RD	0.480	7J25	D3
1740	MONTE VISTA DR	1738 VERDE ROBLES DR	END	0.020	8J13	J3
1740A	MONTE VISTA DR	END/PVMT CHG	END/BULB	0.200	8J13	J3
365	MONTEBELLO WAY	360 ALHAMBRA DR	366 LA CIENEGA WAY	0.320	8J11	B7
556	MONTERO RD	554 CASTANA DR	572 COVELLO CIR	0.460	7J25	J1
1068	MONTRIDGE CT	1026B MONTRIDGE WAY	END	0.070	7J25	B1
1026	MONTRIDGE WAY	257 POWERS DR	END	0.780	7J25	B1
537	MONUKKA DR	359 MIRA LOMA DR	END	0.060	8J11	C8
1036	MOONSTONE CIR	256 RIDGEVIEW DR	256 RIDGEVIEW DR	0.460	7J15	B9
2793	MOREL WAY	1062 LIFE WAY	END/BULB	0.280	8J12	D5
2219	MORGAN CT	2216 MORMAN ISLAND DR	END	0.150	7J15	A6
91	MORMON EMIGRANT TRL	90 SLY PARK RD	8091 MORMAN EMIGRANT TRL	0.900	8J15	C4
2216	MORMON ISLAND DR	2709 BRITTANY WAY	2 GREEN VALLEY RD	0.980	7J15	A6
2747	MORNINGVIEW WAY	1976 ABERDEEN LN	1976 ABERDEEN LN	0.400	7J15	E6
2106	MORTON DR	169 SOUTH UPPER TRUCKEE	END	0.130	9H55	H3
224	MOSQUITO CUTOFF RD	60 MOSQUITO RD	108 ROCK CREEK RD	1.000	8H53	E5
60	MOSQUITO RD	PLCR	URBAN LIMIT	0.730	8J13	B1
60	MOSQUITO RD	URBAN LIMIT	2600 UNION RIDGE RD	0.950	8J13	B1
60	MOSQUITO RD	2600 UNION RIDGE RD	108 ROCK CREEK RD	6.630	8H53	C10
60	MOSQUITO RD	108 ROCK CREEK RD	8023 SAND MOUNTAIN BLVD	8.580	8H53	G5
588	MOSSRIDGE WAY	257 POWERS DR	1150 MUSE DR	0.090	7J15	B9
1986	MOSSVIEW PL	2627 FALKIRK WAY	END	0.030	7J15	C7
240	MOTHER LODE DR	17 SOUTH SHINGLE RD	9 MISSOURI FLAT RD	6.750	8J11	A10
1123	MOUNT VIEW CT	529 HILLCREST DR	END	0.070	7J15	K8
2268	MOUNTAIN CANARY DR	2267 ECHO VIEW DR	END	0.250	9H45	H5
1493A	MOUNTAIN DR	SH089	1493B MOUNTAIN DR	0.310	9H24	H8
1493B	MOUNTAIN DR	1493A MOUNTAIN DR	END	0.100	9H24	H8
1208	MOUNTAIN LAKE DR	1202 LAKE RIDGE DR	END	0.040	8J15	D2
2292	MOUNTAIN MEADOW DR	2210 VIEW CIR	END	0.490	9H45	G6
2296	MOUNTAIN PASS LN	2293 MT DIABLO DR	2297 MT OLYMPIA CIR	0.050	9H45	G6
2348	MOUNTAIN TROUT DR	2210 VIEW CIR	END	0.150	9H45	G6
1704	MOUNTAIN VIEW CT	1702 ROMER BLVD	END	0.050	8H55	C8
1711	MOUNTAIN VIEW DR	1710 PONDEROSA WAY	END	0.140	8J14	D2
78	MT AUKUM RD	AMA CO	77 PLEASANT VALLEY RD	12.390	8J14	D10

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1156	MT CASEY CT	247 MUIR WOODS DR	END	0.030	7J25	C1
156	MT DANAHER RD	25 PONY EXPRESS TRL	8040 MT DANAHER RD	0.320	8J14	D1
2293	MT DIABLO CIR	2294 MT RAINIER DR (S)	2294 MT RAINIER DR (N)	0.630	9H45	F6
75	MT MURPHY RD	SH049	76 MARSHALL RD	3.880	8H42	B4
2297	MT OLYMPIA CIR	2294 MT RAINIER DR (S)	2294 MT RAINIER DR (N)	0.470	9H45	F6
1918	MT PLEASANT DR	100 GRIZZLY FLAT RD	END	1.020	08J	J4
2294	MT RAINIER DR	159 NORTH UPPER TRUCKEE RD	2204 LAKE TAHOE BLVD	0.610	9H45	F6
1592	MT RALSTON DR	1590 SIERRA PINES RD	SH050	0.410	09H	H9
248	MT RANIER WAY	246 MESA VERDES DR	247 MUIR WOODS DR	0.340	7J15	C1
2295	MT SHASTA CIR	2294 MT RAINIER DR	2294 MT RAINIER DR	0.770	9H45	F6
1999	MUIR LN	2003 MEADOW CREST DR	2002 CHINQUAPIN DR	0.080	10H31	D10
400	MUIR WOODS CT	247 MUIR WOODS DR	END	0.030	7J15	C10
247	MUIR WOODS DR	246 MESA VERDES DR	255 WILSON BLVD	0.230	7J15	C1
2736	MUIRFIELD CT	2699 BRIDGEPORT DR	END	0.100	8J11	C8
2120	MULBERRY DR	2121 CORNELIAN DR	END	0.140	9H45	H10
2207	MULE DEER CIR	2204 LAKE TAHOE BLVD	2204 LAKE TAHOE BLVD	0.550	9H45	F5
2728	MURRAY CT	1976 ABERDEEN LN	END	0.070	7J15	D6
620	MURRELL PL	619 NORTHAM WAY	END	0.060	7J15	D8
1150	MUSE DR	257 POWERS DR	256 RIDGEVIEW DR	0.370	7J15	B10
2481	MUSGRAVE CT	2416 MARSHALL TRL	END	0.040	10H41	D2
604	MUSGRAVE PL	603 BUSSELTON WAY	END	0.100	7J15	C8
2384	MUSHOGEE ST	2383 CHILICOTHE ST	END	0.100	9H45	G8
2437	MUSKWAKI DR	END	END	0.560	10H41	B3
2428	NADOWA ST	2426 WASHOAN BLVD	URBAN LIMIT	0.170	10H41	B5
2428	NADOWA ST	URBAN LIMIT	END	0.280	10H41	B5
2493	NAHANE DR	169 SOUTH UPPER TRUCKEE RD	2497 WAILAKI ST	0.650	9H45	G10
1793	NANTUCKET CT	319 WOODLEIGH LN	END	0.080	7J15	K9
2185	NARRAGANSETT CIR	2016 APACHE AVE	2016 APACHE AVE	0.270	9H45	K10
2118	NAVAHOE DR	SH050	2115 CHIMNEY WAY	0.320	9H45	H10
384	NAVION CT	207 FAIRWAY DR	END	0.100	8J11	B9
2730	NAWAL DR	1976 ABERDEEN LN	1976 ABERDEEN LN	0.290	7J15	E6
617	NETHERDALE WAY	605 BRISBANE CIR	2347 SILVA VALLEY PKY	0.040	7J15	D8
442	NEW YORK CREEK CT	431 TIMBRLINE RIDGE DR	END	0.100	7J15	C5
2570	NEWBERRY CT	2554 CARNELIAN CIR	END	0.040	7J15	C4
84	NEWTOWN RD	127 BROADWAY	77 PLEASANT VALLEY RD	6.000	8J13	A5
2280	NEZ PERCE DR	END	2284 KIOWA DR	0.770	9H45	F10
1543	NINTH AVE	1548 PINE ST	END	0.740	9H24	G2
373	NORA LN	370 LA CRESCENTA DR	END	0.040	8J11	B7
1731	NORMAN WAY	1720 ROOSEVELT AVE	89 CARSON RD	0.080	8J14	C2
625	NORMANTON PL	605 BRISBANE CIR	END	0.040	7J15	D8
2380	NORMUK ST	2252A WEST SAN BERNARDINO AVE	END	0.420	9H45	G10
1872	NORTH ALY	1875 MC HATTEN ALY	END	0.060	8J12	J7
120	NORTH CANYON RD	89 CARSON RD	1334 LARSEN DR	4.260	8J13	G1
2010	NORTH CIRCLE DR	30 FOWLER LN	8527 NORTH CIRCLE DR	0.420	8J12	J8
1416	NORTH LN	1415 VICTORIA DR	2028 MEEKS BAY AVE	0.130	9H24	H8
6	NORTH SHINGLE RD	5 PONDEROSA RD	2 GREEN VALLEY RD	3.970	8J11	G1
1866	NORTH ST	1861 ORIENTAL ST	132 FORNI RD	0.280	8J12	F9
2136	NORTH ST	25 PONY EXPRESS TRL	1690 PINE ST	0.170	8H55	C9
2753	NORTH STAR DR	240 MOTHER LODE DR	END	0.050	8J21	H1
159	NORTH UPPER TRUCKEE RD	SH050	2204 LAKE TAHOE BLVD	2.320	9H45	G10
159	NORTH UPPER TRUCKEE RD	2204 LAKE TAHOE BLVD	END	0.140	9H45	G6

ROAD NUMBER	ROAD NAME	FROM (NUMBER AND NAME)	TO (NUMBER AND NAME)	LENGTH MILES	MAP NUMBER	MAP COORDINATE
618	NORTHAM PL	605 BRISBANE CIR	END	0.030	7J15	D8
619	NORTHAM WAY	605 BRISBANE CIR	621 PEMBERTON WAY	0.190	7J15	D8
2041	NORTHRIDGE DR	2042 GLENRIDGE PKY	END	0.290	9H24	H5
2547	NORWICH PL	2541 SHEFFIELD DR	END	0.110	7J15	C3
2434	NOTTAWAY DR	2426 WASHOAN BLVD	END	0.340	10H41	B5
1116	OAK CREEK CT	39 SALMON FALLS RD	END	0.150	7J15	C5
31	OAK HILL RD	77 PLEASANT VALLEY RD	END	3.670	8J13	C10
1528	OAK ST	1545 TENTH AVE	1539 SEVENTH AVE	0.170	9H24	G3
1536	OAK ST	1523 FOURTH AVE	NF BDRY	0.130	9H24	H3
1681	OAK ST	25 PONY EXPRESS TRL	8048 NO NAME	0.110	8H55	C9
428	OAK TREE CIR	423 EMBARCADERO DR	429 SUTTER CREEK DR	0.250	7J15	C5
528	OAKLEAF DR	306 CAMBRIDGE RD	529 HILLCREST DR	0.240	7J15	K8
321	OAKWOOD RD	315 KNOLLWOOD DR	308 CHELSEA RD	0.520	7J15	K10
2378	OAXACO ST	2377 SHAWNEE ST	END	0.280	9H45	G10
548	OCASO CT	545 PLACITAS DR	END	0.040	7J25	K1
29	ODD FELLOWS RD	SH049	28 LIME KILN RD	0.140	8J12	J7
2759	OESTE CT	2760 VENTANA LN	END	0.070	7J15	K9
2698	OESTE LN	319 WOODLEIGH LN	2759 OESTE CT	0.050	7J15	K9
2519	OFLYNG DR	2516 SOUTHERN PINES	114 PIONEER TRL	0.780	9H45	J8
2445	OGLALA CT	2391 MANDAN ST	END	0.080	10H41	A8
2446	OGLALA ST	2391 MANDAN ST	2450 CHIBCHA ST	0.290	10H41	A8
2441	OJIBWA ST	2391 MANDAN ST	END	0.220	9H45	K10
1001	OLD BASS LAKE RD	4 BASS LAKE RD	END	0.330	7J25	G1
146	OLD DEPOT CT	140 OLD DEPOT RD	END	0.020	8J12	H6
140	OLD DEPOT RD	9 MISSOURI FLAT RD	END	0.090	8J12	H6
12	OLD FRENCHTOWN RD	13 FRENCH CREEK RD	240 MOTHER LODE DR	2.740	8J12	B10
2007	OLD OUTINGDALE RD	78 MT AUKUM RD	END	0.150	08J	F4
2256	OLD RUBICON RD	PLA CO	PLACER CO	0.010	9H24	F2
2805	OLD WHITE ROCK RD	34 WHITE ROCK RD	END	0.310	7J25	E2
197	OLSON LN	219 EL DORADO HILLS BLVD	1036 MOONSTONE CIR	0.310	7J15	C9
254	OLYMPIC CT	246 MESA VERDES DR	END	0.060	7J25	C1
2477	OMAHA ST	2426 WASHOAN BLVD	2438 ONNONTIOGA ST	0.050	10H41	B5
35	OMO RANCH RD	78 MT AUKUM RD	AMADOR CO	18.320	08J	F5
2451	ONEIDAS ST	114 PIONEER TRL	8189 NO NAME	0.180	10H41	A8
2438	ONNONTIOGA ST	2434 NOTTAWAY DR	2437 MUSKWAKI DR	0.780	10H41	B5
1049	ONYX TRL	90 SLY PARK RD	1050 TOPAZ DR	1.070	8H55	D10
1043	OPAL TRL	1042 GOLD RIDGE TRL	1049 ONYX TRL	0.570	8J15	D1
2743	ORCHID SHADE DR	2675 SUMMER DR	2678 PURPLE MARTIN DR	0.320	7J15	K10
2812	ORE CART CT	HOLLOW OAK DR	END	0.110	7J15	K3
1861	ORIENTAL ST	77 PLEASANT VALLEY RD	END	0.230	8J12	F8
344	ORINDA CIR	206 SUDBURY RD (S)	206 SUDBURY RD (N)	0.410	8J11	C10
2127	ORIOLE DR	SH050	SH050	0.090	09H	E10
981	ORION DR	980 SUNLIGHT DR	898 PATTERSON DR	0.160	8J12	H9
1895	ORLEANS ST	1881 CHURCH ST	1890 SOUTH ST	0.130	8H42	G2
1353	ORMSBY DR	1351 BLACK BART AVE	1351 BLACK BART AVE	0.270	10H41	D1
2788	OROFINO DR	2710 CONCORDIA DR (N)	2710 CONCORDIA DR (S)	0.220	7J25	D3
2394	OSAGE CIR	2393 ARIKAWA ST	2393 ARIKAWA ST	0.440	10H41	A10
331	OSBORNE RD	306 CAMBRIDGE RD	316 MILLBRAE RD	0.350	8J11	A10
2387	OTOMITES ST	159 NORTH UPPER TRUCKEE RD	END	0.350	9H45	G10
2116	OTTAWA CT	2016 APACHE AVE	END	0.050	9H45	J10
2117	OTTAWA DR	2016 APACHE AVE	2016 APACHE AVE	0.400	9H45	J10

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2364	OUTER LIMITS LN	SH050	END	0.140	8H55	G9
79	OUTINGDALE RD	78 MT AUKUM RD	2006 VACATION BLVD	1.490	08J	F4
2695	OUTRIGGER CT	2050 OUTRIGGER DR	END	0.090	7J15	A4
2050	OUTRIGGER DR	2049 LAKECREST DR	END	0.260	7J15	A4
2050	OUTRIGGER DR	END	2050 OUTRIGGER DR	0.470	7J15	A4
353	OXFORD CT	351 OXFORD RD	END	0.070	8J11	C9
351	OXFORD RD	306 CAMBRIDGE RD	200 CAMERON PARK DR	0.680	8J11	B9
351	OXFORD RD	200 CAMERON PARK DR	206 SUDBURY RD	0.130	8J11	C9
268	PACHECO CT	262 STANFORD LN	END	0.060	7J15	C8
2217	PALAMINO CT	2216 MORMON ISLAND DR	END	0.050	7J15	A6
424	PALMER DR	200 CAMERON PARK DR	END	0.530	8J21	D1
426	PALMERO CIR	424 PALMER DR	END	0.090	8J21	D1
440	PALOS VERDE CT	427 DOWNIEVILLE DR	END	0.040	7J15	C6
2507	PANHANDLE CT	2506 GOLD DUST TRL	END	0.050	10H41	C2
2429	PANKA ST	END	URBAN LIMIT	0.140	10H41	B3
2429	PANKA ST	URBAN LIMIT	2470 KOYUKON DR	0.020	10H41	B3
2033	PANNING WAY	1 MIDDLETOWN RD	1 MIDDLETOWN RD	0.200	8J12	H2
1834	PANORAMA CT	1835 PANORAMA RD	END	0.060	8J12	F7
2372	PANORAMA CT	169 SOUTH UPPER TRUCKEE	END	0.050	9H55	H2
1835	PANORAMA DR	130 BLANCHARD RD (S)	130 BLANCHARD RD (N)	0.650	8J12	F7
2309	PANORAMA DR	169 SOUTH UPPER TRUCKEE	169 SOUTH UPPER TRUCKEE	0.750	9H55	H2
1034	PARDEE CT	271 GOVERNOR DR	END	0.050	7J15	C9
88	PARK CREEK RD	90 SLY PARK RD	8091 MORMON EMIGRANT TRL	7.150	8H55	E10
214	PARK DR	233 LASSEN LN	END	0.700	7J25	C1
1200	PARK WOODS DR	90 SLY PARK RD	END	0.690	8J15	D1
512	PARKDALE LN	4 BASS LAKE RD	516 GATEWAY DR	0.220	7J15	J7
1908	PARKSIDE CT	1907 PARKSIDE DR	END	0.120	08J	K4
1907	PARKSIDE DR	1904 WINDING WAY	1904 WINDING WAY	0.590	08J	K4
2733	PASADA CT	394 WILKINSON RD	END	0.050	8J11	A9
398	PASADA RD	306 CAMBRIDGE RD	394 WILKINSON RD	0.470	8J11	A9
897	PATTERSON CT	898 PATTERSON DR	END	0.040	8J12	H8
898	PATTERSON DR	SH049	END	1.420	8J12	G8
259	PATTERSON WAY	256 RIDGEVIEW DR	256 RIDGEVIEW DR	0.690	7J15	B10
2140	PAUL BUNYON RD	SH050	END	0.050	8J13	H2
577	PAVONIA CT	575 ABRIJO RD	END	0.030	7J25	J1
2143	PAWNEE DR	2154 CHIPPEWA ST	2153 IROQUOIS CIR	0.230	9H45	K10
2679	PEACH SPRUCE DR	2675 SUMMER DR	2743 ORCHID SHADE DR	0.170	7J15	J9
2111	PEARL PL	2110 RACQUET WAY	77 PLEASANT VALLEY RD	0.260	8J12	J7
1057	PEARL RD	1053 GARNET RD	END	0.520	8J15	E1
167A	PEAVINE RIDGE RD	SH050	SH050	0.500	8H55	H9
167B	PEAVINE RIDGE RD	11N35(USFS) VLECK CREEK RD	END	0.720	09H	A10
2263	PEBBLE BEACH DR	2265 THUNDERBIRD DR	2535 ELKS CLUB DR	0.740	9H45	J8
117	PEDRO HILL RD	39 SALMON FALLS RD	SH049 COLOMA RD	2.000	8H51	A1
188	PEGGY LN	187 UPLANDS DR	187 UPLANDS DR	0.270	7J15	D5
621	PEMBERTON WAY	605 BRISBANE CIR	END	0.090	7J15	C8
278	PENDLETON DR	273 TAM O SHANTER DR	2161 FRANCISCO DR	0.410	7J15	C6
990	PENNYROYAL DR	999 SIERRA SPRINGS DR	END	0.320	8J14	J6
72	PENOBSCOT RD	SH193	END	1.000	8H41	F3
2410	PEPPERWOOD TRL	2408 HIGH MEADOW TRL	END	0.030	10H41	E2
911	PERCH CT	909 DOLLY VARDEN LN	END	0.120	8J15	B4
596	PERIDOT DR	2 GREEN VALLEY RD	END	0.150	7J15	K6

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270	PERKINS CT	262 STANFORD LN	END	0.090	7J15	C8
2231	PERKS CT	9 MISSOURI FLAT RD	END	0.230	8J12	G5
533	PERLETT DR	361 VIRADA DR	359 MIRA LOMA DR	0.270	8J11	B8
98	PERRY CREEK RD	106 FAIRPLAY RD	106 FAIRPLAY RD	4.140	08J	F4
1030	PHILLIP CT	197 OLSON LN	END	0.050	7J15	C9
1854	PHILLIPS HEIGHTS AVE	1851 ALPINE AVE	END	0.110	9H55	C3
1782	PIERCE CT	1781 PRESCOTT AVE	END	0.040	8J13	C1
2289	PIMA ST	2282 WINTOON DR	2277 MEWUK DR	0.220	9H45	F8
1741	PINA AVE	1734 CAMINO HEIGHTS DR	END	0.050	8J13	J2
1203	PINE CONE DR	90 SLY PARK RD	1200 PARK WOODS DR	0.640	8J15	D2
2165	PINE CONE DR	2125 KYBURZ DR	END	0.140	09H	E10
1204	PINE FOREST DR	1203 PINE CONE DR	1200 PARK WOODS DR	0.300	8J15	D1
1959	PINE RIDGE CT	1958 PINE RIDGE DR	END	0.090	08J	J4
1958	PINE RIDGE DR	100 GRIZZLY FLAT RD	1951 BLUE MOUNTAIN DR	0.840	08J	J4
1548	PINE ST	2171 LEWIS AVE	1544 ELM ST	0.200	9H24	F2
1548	PINE ST	1545 TENTH AVE	SH089	0.310	9H24	F2
1690	PINE ST	END(STELLAR LN)	1691 WILLOW ST	0.430	8H55	B9
2192	PINE VALLEY RD	2423 HEPKA DR	END	0.390	10H41	B6
1925	PINEHAVEN DR	1913 TYLER DR	END	0.060	08J	K3
2123	PINEWOOD DR	2120 MULBERRY DR	2349 ELMWOOD DR	0.200	9H45	J10
1007	PINON RD	5 PONDEROSA RD	END	0.410	8J11	F5
2716	PINTAIL CT	2706 JASMINE CIR	END	0.080	7J15	J9
1956	PIONEER CT	1952 PIONEER DR	END	0.030	08J	J4
1952	PIONEER DR	1951 BLUE MOUNTAIN DR	1951 BLUE MOUNTAIN DR	0.360	08J	J4
69	PIONEER HILL RD	84 NEWTON RD	END	0.390	8J13	J5
114	PIONEER TRL	SH050	SLTO	5.220	9H45	J8
383	PIPER CT	207 FAIRWAY DR	END	0.070	8J11	B9
2526	PIPIL CT	2525 ATROARI ST	END	0.030	10H41	A8
2092	PIUTE ST	2089 TOMAHAWK LN	2090 ARROWHEAD AVE	0.180	9H45	H8
1891	PLACER ST	1896 GREENWOOD RD	1893 MAIN ST	0.170	8H42	F2
2187	PLACER ST	2365 ANTELOPE WAY	PLACER CO	0.350	9H24	G2
545	PLACITAS DR	198 COUNTRY CLUB DR	572 COVELLO CIR	0.350	7J25	J1
2163	PLANETA WAY	2159 GUADALUPE DR	END	0.240	7J15	B2
2486	PLATEAU CIR	2488 COUGAR TRL	2487 CATTLEMANS TRL	0.720	10H41	D1
2712	PLATEAU CIR	394 WILKINSON RD	394 WILKINSON RD	0.290	7J15	K8
1108	PLATT CIR	1108 PLATT CIR	END/BULB	0.970	7J25	C2
2530	PLAYER CT	2527 PLAYER DR	END	0.040	10H41	A7
2527	PLAYER DR	114 PIONEER TRL	114 PIONEER TRL	0.350	10H41	A7
77	PLEASANT VALLEY RD	240 MOTHER LODE DR	SH049 (EL DORADO)	1.270	8J12	D9
77	PLEASANT VALLEY RD	SH049 (FOWLER LN)	78 MT AUKUM RD	9.520	8J12	A7
77A	PLEASANT VALLEY RD	240 MOTHER LODE DR	77 PLEASANT VALLEY RD	0.030	8J12	D9
157	PLEASANT VLY GRANGE RD	77 PLEASANT VALLEY RD	END	0.160	8J14	C7
2151	PLUMAS CIR	2016 APACHE AVE	END	0.390	9H45	K10
1138	PLUMLEY CT	1136 HENSLEY CIR	END	0.020	7J15	B7
1794	POINT WEST CT	319 WOODLEIGH LN	END	0.040	7J15	K9
1695	POLARIS ST	25 PONY EXPRESS TRL	(1690)PINE ST	0.210	8H55	B9
1695	POLARIS ST	(1690)PINE ST	END	0.130	8H55	B9
1682	POLLOCK AVE	1683 SCHOOL ST	1681 OAK ST	0.190	8H55	B9
524	POMO CT	506 ROLLS RD	END	0.060	8J11	A8
2453	POMO ST	SH050	SH089	0.260	9H45	H9
2453	POMO ST	SH089	END	0.080	9H45	H10

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2478	PONCA ST	2194 BOREN WAY	2194 BOREN WAY	0.160	10H41	B6
5	PONDEROSA RD	SH050	2 GREEN VALLEY RD	3.640	8J11	F10
5	PONDEROSA RD	2 GREEN VALLEY RD	END	0.400	8J11	F4
1710	PONDEROSA WAY	89 CARSON RD	156 MT DANAHER RD	0.370	8J14	D2
425	PONTE MORINO DR	424 PALMER DR	END	0.100	8J21	D1
25	PONY EXPRESS TRL	89 CARSON RD	90 SLY PARK RD	5.470	8J14	D1
25	PONY EXPRESS TRL	90 SLY PARK RD	END (GATE)	1.110	8H55	C9
2276	POOEWIN ST	159 NORTH UPPER TRUCKEE RD	END	0.290	9H45	G10
2276B	POOEWIN ST	2277 MEWUK DR	END	0.040	9H45	F10
1540	POPLAR ST	1541 EIGHTH AVE	1539 SEVENTH AVE	0.060	9H24	G3
2773	POPPY CT	995 BUTTERCUP DR	END	0.050	8J14	J5
994	POPPY RD	999 SIERRA SPRINGS DR	995 BUTTERCUP DR	0.170	8J14	J6
2371	PORTAL DR	169 SOUTH UPPER TRUCKEE RD	SH089	0.170	9H55	H3
396	PORTILLO CT	395 GRANADA DR	END	0.100	8J11	A9
1985	PORTOBELLO PL	2627 FALKIRK WAY	END	0.050	7J15	C7
2563	PORTSMOUTH DR	2557 AMHERST WAY	2554 CARNELIAN CIR	0.540	7J15	B4
2533	POWAY CT	2250 BAKERSFIELD ST	END	0.040	9H45	H8
1025	POWERS CT	257 POWERS DR	END	0.030	7J25	C1
257	POWERS DR	256 RIDGEVIEW DR	END	1.230	7J15	B1
2738	PRAIRIE FALCON CT	2675 SUMMER DR	END	0.030	7J15	J9
2674	PRAIRIE FALCON DR	2678 PURPLE MARTIN RD	2675 SUMMER DR	0.160	7J15	J9
1781	PRESCOTT AVE	60 MOSQUITO RD	PLCR	0.330	8J13	C1
2681	PRESTWICK DR	2680 WINDSOR POINT PL	2112 SCHOONER DR	0.100	7J15	B5
2684	PRINCE MARK CT	2216 MORMON ISLAND DR	END	0.050	7J15	B6
2696	PRINCESS HELEN CT	2216 MORMAN ISLAND DR	END	0.110	7J15	A6
538	PRINCETON CT	529 HILLCREST DR	END	0.030	8J11	A8
1084	PRODUCT DR	165 DUROCK RD	END	0.580	8J21	E2
2509	PROSPECTOR TRL	2499 GOLDEN BEAR TRL	END	0.400	10H41	B2
37	PROSPECTORS RD	76 MARSHALL RD	76 MARSHALL RD	2.690	8H42	A1
2242	PROUTY LN	89 CARSON RD	END	0.130	8J14	D2
2020	PUEBLO ST	2016 APACHE AVE	2091 WASHOE ST	0.070	9H45	H10
2758	PURPLE MARTIN CT	2743 ORCHID SHADE DR	END	0.060	7J15	K9
2678	PURPLE MARTIN RD	2651 TEA ROSE DR	2743 ORCHID SHADE DR	0.110	7J15	J9
2298	PYRAMID CIR	2294 MT RAINIER DR	2294 MT RAINIER DR	0.350	9H45	F6
2299	PYRAMID CT	2298 PYRAMID CIR	END	0.050	9H45	F7
2750	QUAMASH WAY	319 WOODLEIGH LN	END/PVMT CHG	0.050	7J15	J8
27	QUARRY RD	26 BIG CUT RD	86 CEDAR RAVINE RD	1.660	8J13	B7
195	QUARTZ DR	196 CRYSTAL BLVD	END	1.260	08J	D3
2336	QUARTZ ST	2323 ALICE LAKE RD	END	0.030	10H41	E1
409	QUEEN ANNE CT	292 CROWN DR	END	0.060	7J15	B7
2683	QUEEN ELAINE CT	2216 MORMAN ISLAND DR	END	0.100	7J15	A6
405	QUEEN MARY CT	299 KING EDWARD DR	END	0.050	7J15	B7
406	QUEEN VICTORIA CT	299 KING EDWARD DR	END	0.040	7J15	B7
1085	QUEST CT	1084 PRODUCT DR	END	0.080	8J21	F2
1916	QUIETWOOD DR	124 SCIARONI RD	1913 TYLER DR	0.090	08J	K3
2389	QUINANETZIN ST	2390 YUCATAN ST	2387 OTOMITES ST	0.100	9H45	G10
378	RABEN WAY	375 CHASEN DR	135 MEDER RD	0.310	8J11	D9
1058	RACCOON TRL	2067 HAZEL ST	END	0.030	8H55	C10
2110	RACQUET WAY	77 PLEASANT VALLEY RD	END	0.140	8J12	J7
182	RAINBOW TRL	90 SLY PARK RD	END	0.510	8J15	B4
2571	RALEIGH WAY	2563 PORTSMOUTH DR	2554 CARNELIAN CIR	0.330	7J15	C4

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2259	RAMON CT	2034 LOMA VERDE DR	END	0.120	7J15	C3
1995	RAMPART CT	1994 CASTLEWOOD CIR	END	0.080	8H55	D9
1792	RANCHO TIERRA CT	319 WOODLEIGH LN	END	0.030	7J15	K9
1792	RANCHO TIERRA CT	END	END	0.110	7J15	K9
616	RANKEN PL	605 BRISBANE CIR	END	0.080	7J15	D8
40	RATTLESNAKE BAR RD	SH049	END	8.800	7H55	B7
629	RAVENSHOE WAY	626 CLERMONT WAY	END	0.120	7J15	D9
322	RAVENWOOD LN	308 CHELSEA RD	END	0.140	7J15	K1
1023	REDDICK CT	260 REDDICK WAY	END	0.090	7J15	C10
260	REDDICK WAY	259 PATTERSON WAY	END	0.190	7J15	C10
2131	REDWING DR	2130 SILVER FORK RD	END	0.120	09H	E10
2729	REEM CT	1976 ABERDEEN LN	END	0.100	7J15	E6
2584	REGENCY CT	2580 DANBURY CIR	END	0.030	7J15	C4
2762	REID CT	2763 BEASLEY DR	END	0.040	7J25	J2
2401	REINDEER WAY	2188 SANTA CLAUSE DR	END	0.020	9H55	J1
2409	REMINGTON TRL	2408 HIGH MEADOW TRL	END	0.020	10H41	D2
52	RESERVOIR RD	50 SPANISH DRY DIGGINS RD	END	1.100	8H42	D2
2239	RHODES AVE	2237 LINDBERG AVE	2237 LINDBERG AVE	0.340	8J12	F6
550	RIATA CT	545 PLACITAS DR	END	0.040	7J25	J1
647	RIBIER WAY	563 CATAWBA DR	END	0.180	8J11	C7
647	RIBIER WAY	END	359 MIRA LOMA DR	0.060	8J11	C7
1102	RICCI RD	56 GREENWOOD RD	SH0193	0.210	8H41	J3
2132	RICHARD AVE	20 COLD SPRINGS RD	END	0.430	8J12	C1
243	RICHARDSON CIR	239 STONEMAN WAY	239 STONEMAN WAY	0.220	7J15	C8
2245	RIDGE DR	240 MOTHER LODE DR	2246 TULLE LN	0.460	8J11	J1
1151	RIDGEVIEW CT	256 RIDGEVIEW DR	END	0.030	7J15	B9
256	RIDGEVIEW DR	255 WILSON DR	271 GOVERNOR DR	1.740	7J15	B10
1688	RIDGEWAY CT	1992 RIDGEWAY DR	END	0.250	8J14	H1
1992	RIDGEWAY DR	25 PONY EXPRESS TRL	8090 SPLIT BEND RD	3.590	8J14	H1
2782	RIESLING CT	2781 RIESLING WY	END/BULB	0.080	8J11	C7
2781	RIESLING WY	359 MIRA LOMA DR	359 MIRA LOMA DR	0.260	8J11	C7
900	RIFFLES LN	185 LOCH LEVEN DR	901 MACKINAW ST	0.160	8J15	B4
2482	RIMROCK TRL	2416 MARSHALL TRL	2411 WAGON TRAIN TRL	0.250	10H41	D2
158	RINGOLD RD	45 ZANDONNELLA RD	END	0.540	8J13	B8
2148	RITZ RD	122 BLAIR RD	END	0.100	8H54	K10
2166	RIVERVIEW CIR	2125 KYBURZ DR	END	0.040	09H	E10
286	RIVIERA CIR	281 WILLOWDALE DR	281 WILLOWDALE DR	0.370	7J15	C7
1132	ROBERT J MATHEWS PKY	1124 GOLDEN FOOTHILL PKY	1135 INVESTMENT BLVD	0.620	7J25	E5
1697	ROBERT RD	152 GILMORE RD	END	0.150	8H54	H10
2129	ROBIN CIR	2130 SILVER FORK RD	END	0.020	09H	E10
357	ROBIN LN	200 CAMERON PARK DR	END	0.180	8J21	D2
1079	ROBLE CT	1078 LAGO VISTA DR	END	0.080	7J25	C1
628	ROCHHAMPTON PL	626 CLERMONT WAY	END	0.030	7J15	D9
1013	ROCK BARN RD	1100 SHINGLE SPRINGS RD	END	0.560	8J11	H9
108	ROCK CREEK RD	SH193	60 MOSQUITO RD	10.240	8H52	A8
1024	ROCKY RIDGE WAY	257 POWERS DR	258 ROLPH WAY	0.260	7J15	B1
354	RODEO RD	END	356 STROLLING HILLS RD	0.290	8J21	C1
1991	ROLAND CT	90 SLY PARK RD	END	0.120	8H55	C10
627	ROLLESTON PL	626 CLERMONT WAY	END	0.050	7J15	D8
2317	ROLLING CT	2315 ROLLING HILLS DR	END	0.040	8H42	F2
2315	ROLLING HILLS DR	1892 LOWER MAIN ST	SH193	0.400	8H42	F2

ROAD NUMBER	ROAD NAME	FROM (NUMBER AND NAME)	TO (NUMBER AND NAME)	LENGTH MILES	MAP NUMBER	MAP COORDINATE
2086	ROLLINGWOOD CT	2084 ROLLINGWOOD DR	END	0.070	08J	J3
2084	ROLLINGWOOD DR	879 STRING CANYON RD	879 STRING CANYON RD	0.530	08J	J3
506	ROLLS DR	503 WAVERLY DR	306 CAMBRIDGE RD	0.240	8J11	A8
258	ROLPH WAY	257 POWERS DR	256 RIDGEVIEW DR	0.300	7J15	B1
1702	ROMER BLVD	1686 DEEP HAVEN RD	END	0.310	8H55	C8
2620	ROOKERY PL	2612 FAIRCHILD DR	END	0.120	7J15	C6
1720	ROOSEVELT AVE	33 SNOWS RD	END	0.190	8J14	C2
138	ROSALES ST	556 MONTERO RD	554 CASTANA DR	0.140	7J25	J1
983	ROSE CT	993 COLUMBINE WAY	END	0.110	8J15	A5
1120	ROSEBUD DR	135 MEDER RD	1121 BUENA VISTA DR	0.410	8J11	D9
1811	ROXANA ST	148 BAKER RD	1810 DIANA ST	0.340	8J12	H1
304	ROYAL DR	198 COUNTRY CLUB DR	198 COUNTRY CLUB DR	0.790	8J21	B1
2800	ROYAL OAKS DR	18 LATROBE RD	END	0.970	7J25	F7
501	ROYAL PARK CT	500 ROYAL PARK DR	END	0.030	8J11	B8
500	ROYAL PARK DR	306 CAMBRIDGE RD	371 LA CANADA DR	0.850	8J11	A7
509	ROYCE CT	67 STARBUCK RD	END	0.030	8J11	A6
510	ROYCE DR	67 STARBUCK RD	END	0.320	8J11	A6
510	ROYCE DR	END	370 LA CRESCENTA DR	0.380	8J11	A6
1481	RUBICON DR	SH089	SH089	1.140	9H24	H8
1045	RUBY CT	1044 JADE DR	END	0.040	8H55	D10
1016	RUNNYMEADE DR	8 EL DORADO RD	END	0.310	8J12	E6
2682	RUSHCLIFFE CT	END	2680 WINDSOR POINT PL	0.120	7J15	B4
41	RUSSELL HOLLOW RD	END	40 RATTLESNAKE BAR	1.390	7H55	E3
303	RUSTIC RD	198 COUNTRY CLUB DR	304 ROYAL DR	0.320	8J21	B1
504	RUTH CT	503 WAVERLY DR	END	0.060	8J11	A8
1096	RYAN CT	1091 RYAN DR	END	0.040	8J12	G8
1091	RYAN DR	SH049/PLEASANT VALLEY RD	1096 RYAN CT	0.150	8J12	G8
339	SABANA DR	203 HACIENDA RD	END	0.100	8J21	D1
1083	SABRE CT	1081 DUNNINGS RD	END	0.060	8J11	G5
2688	SAGAN CT	1020 CRAZY HORSE RD	END	0.070	7J25	J2
212	SAGE DR	207 FAIRWAY DR	END	0.150	8J11	C10
2565	SAILSBURY DR	2567 KENSINGTON DR	2563 PORTSMOUTH DR	0.370	7J15	B4
2189	SAINT NICK WAY	2188 SANTA CLAUS DR	2188 SANTA CLAUS DR	0.340	9H55	J1
390	SALIDA CT	389 SALIDA WAY	END	0.030	8J11	B9
389	SALIDA WAY	351 OXFORD RD	306 CAMBRIDGE RD	0.320	8J11	B9
39A	SALMON FALLS CUTOFF RD	39 SALMON FALLS RD	SH049	0.100	7H45	J10
39	SALMON FALLS RD	2 GREEN VALLEY RD	40 RATTLESNAKE BAR RD	12.050	7J15	C4
908	SALMON WAY	906 SPECKLED RD	END	0.310	8J15	B4
2817	SALT WASH WY	WHISKEY DRIFT DR	END	0.040	7J15	K3
1010	SAMMY CT	1009 SHORTHORN RD	END	0.100	8J11	F5
2813	SAMUEL WY	WHISTLERS BEND WY	HOLLOW OAK DR	0.180	7J15	K3
2254	SAN DIEGO ST	2104 ARAPAHOE ST	2252B EAST SAN BERNARDINO AVE	0.180	9H45	H8
2254	SAN DIEGO ST	2252B EAST SAN BERNARDINO AVE	2250 BAKERSFIELD ST	0.350	9H45	H8
82	SAND RIDGE RD	SH049	99 BUCKS BAR RD	12.010	08J	D4
1990	SANDERS DR	25 PONY EXPRESS TRL	END	0.110	8H55	B9
541	SANDHURST CT	540 SANHURST DR	END	0.050	8J11	A8
540	SANDHURST DR	394 WILKINSON RD	306 CAMBRIDGE RD	0.190	7J15	K8
513	SANDPIPER WAY	512 PARKDALE LN	516 GATEWAY DR	0.420	7J15	J7
1131	SANDSTONE DR	1124 GOLDEN FOOTHILL PKY	END	0.230	7J25	D5
892	SANDY CT	893 JUSTINE AVE	END	0.030	8J12	H8
2188	SANTA CLAUS DR	SH089	2249 BLITZEN DR	0.550	9H55	H1

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1071	SANTA CRUZ CT	1026 MONTRIDGE WAY	END	0.070	7J25	C2
2330	SANTA FE RD	SH050	END	0.190	9H45	J10
1076	SANTA MARIA WAY	1075 BARCELONA CT	1074 BARCELONA DR	0.250	7J25	B1
342	SANTOS CIR	206 SUDBURY RD	344 ORINDA CIR	0.530	8J11	C10
343	SANTOS CT	342 SANTOS CIR	END	0.050	8J11	C10
2449	SAPONI ST	2446 OGLALA ST	2451 ONEIDAS ST	0.180	10H41	A8
1037	SAPPHIRE WAY	256 RIDGEVIEW DR	1039 SHELBY CIR	0.270	7J15	B9
358	SARATOGA LN	357 ROBIN LN	END	0.210	8J21	D2
217	SARATOGA WAY	END/HILL TOP	219 EL DORADO HILLS BLVD	0.630	7J25	C2
217	SARATOGA WAY	219 EL DORADO HILLS BLVD	END	0.050	7J25	C2
2230	SATURN DR	2032 LAKEVIEW DR	2228 SUNRISE AVE	0.150	9H24	H7
2202	SAWMILL RD	SH050	2204 LAKE TAHOE BLVD	1.840	9H45	H5
1093	SAWYER CT	1092 GRACE DR	END	0.030	8J12	G8
2138	SCENIC DR	SH089	END	0.550	9H24	H9
2243	SCENIC DR	2245 RIDGE DR	END	0.130	8J11	J10
183	SCHELIN CT	319 WOODLEIGH LN	END	0.090	8J11	A10
1683	SCHOOL ST	25 PONY EXPRESS TRL	END	0.130	8H55	B9
1901	SCHOOL ST	1893 MAIN ST	END	0.120	8H42	G1
2112	SCHOONER DR	2053 MARINA PARK	2161 FRANCISCO DR	0.370	7J15	B4
124	SCIARONI RD	100 GRIZZLY FLAT RD	877 COSUMNES MINE RD	3.200	08J	K3
2589	SEBASTIAN CT	2567 KENSINGTON DR	END	0.110	7J15	C4
1533	SECOND AVE	1536 OAK ST	END	0.340	9H24	H3
2432	SEMAT CT	END	2431 ACOMA CIR	0.050	10H41	B5
2433	SEMAT ST	2431 ACOMA CIR	2434 NOTTAWAY DR	0.160	10H41	B5
2307	SEMINOLE DR	2016 APACHE AVE	2016 APACHE AVE	0.190	9H45	J10
419	SENATOR CT	271 GOVERNOR DR	END	0.080	7J15	C9
2285	SENECA DR	END	END	0.610	9H45	F7
250	SEQUOIA CT	246 MESA VERDES DR	END	0.050	7J25	C1
1736	SERANO CT	1734 CAMINO HEIGHTS DR	END	0.060	8J13	J3
582	SERNA CT	572 COVELLO CIR	END	0.040	7J25	J1
2344	SERRANO PKY	219 EL DORADO HILLS BLVD	2347 SILVA VALLEY PKY	1.210	7J15	D1
2344	SERRANO PKY	2347 SILVA VALLEY PKY	4 BASS LAKE RD	2.450	7J15	D1
2777	SETON CT	2771 DRUMMOND WAY	END	0.060	8J11	D8
401	SEVEN OAKS CT	2161 FRANCISCO DR	END	0.060	7J15	C6
1539	SEVENTH AVE	1548 PINE ST	END	0.740	9H24	G2
1070	SEVILLE CT	1026 MONTRIDGE WAY	END	0.040	7J25	C1
912	SHAD WAY	906 SPECKLED RD	END	0.270	8J15	B4
2114	SHADOW CT	2124 SHADOW LN	END	0.050	8H54	J10
2124	SHADOW LN	152 GILMORE RD	END	0.170	8H54	J10
220	SHADOWFAX LN	2 GREEN VALLEY RD	END	0.150	7J14	J6
323	SHADY GLEN RD	315 KNOLLWOOD DR	END	0.040	7J15	K10
2439	SHAKORI DR	END	END	0.480	9H45	H9
231	SHASTA CIR	216 ARROWHEAD DR	216 ARROWHEAD DR	0.410	7J25	C1
884	SHAW MINE RD	885 VOLO MINE DR	END	0.030	8J12	H9
520	SHAWNEE CT	516 GATEWAY DR	END	0.070	7J15	K7
2377	SHAWNEE ST	2252A WEST SAN BERNARDINO AVE	END	0.270	9H45	G10
2386	SHEBOYGAN ST	2280 NEZ PERCE DR	2219 KICKAPOO ST	0.060	9H45	G10
2541	SHEFFIELD DR	2161 FRANCISCO DR	2554 CARNELIAN CIR	0.660	7J15	B3
1039	SHELBY CIR	1063 SHELBY CT	1063 SHELBY CT	0.480	7J15	B8
1063	SHELBY CT	1039 SHELBY CIR	END	0.050	7J15	B9
324	SHERIDAN RD	318 KIMBERLY RD	315 KNOLLWOOD DR	0.450	7J25	K1

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190	SHERMAN WAY	1618 FOREBAY RD	191 TERRACE DR	0.130	8H55	C8
2790	SHETLAND CT	2789 LIMA CT	END/BULB	0.080	7J15	D6
1972	SHETLAND WAY	1966 HIGHLAND HILLS DR	2789 LIMA CT	0.130	7J15	D6
1100	SHINGLE SPRINGS DR	171 BUCKEYE RD	END	0.910	8J11	J10
166	SHOO FLY RD	SH193	43 SPANISH FLAT RD	3.370	8H52	J2
180	SHORELINE POINTE	2039 LAKE HILLS DR	END	0.040	7J15	C2
2071	SHORT RD	30 FOWLER LN	END	0.130	8J12	J8
1009	SHORTHORN RD	1007 PINON RD	END	0.190	8J11	F5
444	SHORTLIDGE CT	2347 SILVA VALLEY PKY	END	0.080	7J15	C5
2271	SHOSHONE ST	2270 ZUNI ST	END	0.410	9H45	F7
2792	SIENNA RIDGE RD	4 BASS LAKE RD (SOUTH)	4 BASS LAKE RD (NORTH)	0.670	7J15	G10
1742	SIERRA BLANCA DR	SH050	1734 CAMINO HEIGHTS DR	0.180	8J13	J2
1331	SIERRA BLVD	2499 GOLDEN BEAR TRL	END	0.080	10H41	C2
1331A	SIERRA BLVD	SLTO	2052 BARBARA AVE	0.030	10H31	C10
1491	SIERRA DR	SH089	1487 BEACH LN	0.340	9H24	H8
2412	SIERRA HOUSE TRL	2408 HIGH MEADOW TRL	2408 HIGH MEADOW TRL	0.640	10H41	E2
1590	SIERRA PINES RD	SH050	END	0.620	09H	H9
998	SIERRA SPRINGS CT	999 SIERRA SPRINGS DR	END	0.050	8J15	A6
999	SIERRA SPRINGS DR	90 SLY PARK RD	8999 SIERRA SPRINGS DR	1.140	8J14	A6
2528	SIKES CT	2527 PLAYER DR	END	0.040	10H41	A8
1987	SILKWOOD PL	2627 FALKIRK WAY	END	0.060	7J15	C7
2347	SILVA VALLEY PKY	34 WHITEROCK RD	2344 SERRANO PKY	1.100	7J15	C5
2347	SILVA VALLEY PKY	2344 SERRANO PKY	2 GREEN VALLEY RD	2.980	7J15	C5
2130	SILVER FORK RD	SH050	8071 NO NAME	0.340	09H	E10
2810	SILVER SPRINGS PKWY	END	2 GREEN VALLEY RD	0.840	7J15	G7
2343	SILVERTIP CT	END	END	0.060	9H24	H7
2342	SILVERTIP DR	SH089	2343 SILVERTIP CT	0.150	9H24	H7
2779	SINCLAIR DR	2775 CONNERY DR	2754 CAROUSEL LN	0.320	8J11	D8
2101	SIOUX ST	2016 APACHE AVE	2090 ARROWHEAD AVE	0.310	9H45	H10
2685	SIR ROBERT CT	2216 MORMAN ISLAND DR	END	0.050	7J15	B6
2152	SITKA CIR	2016 APACHE AVE	2016 APACHE AVE	0.270	9H45	K10
1537	SIXTH AVE	1548 PINE ST	END	0.740	9H24	G2
386	SKY CT	385 CESSNA DR	END	0.060	8J11	B9
2521	SKYLINE DR	2520 CRYSTAL AIR DR	END	1.110	9H45	J8
2190	SLEIGH BELL LN	2188 SANTA CLAUS DR	END	0.020	9H55	J1
51	SLIGER MINE RD	SH193	50 SPANISH DRY DIGGINS	2.300	8H31	H1
51	SLIGER MINE RD	50 SPANISH DRY DIGGINS	END	1.700	8H31	H8
223	SLUG GULCH RD	98 PERRY CREEK RD	35 OMO RANCH RD	5.390	08J	G4
90	SLY PARK RD	78 MT AUKUM RD	25 PONY EXPRESS TRL	11.460	8J14	E9
221	SMITH FLAT CEMETERY RD	589 SMITH FLAT RD	END	0.240	8J13	E3
589	SMITH FLAT RD	JACQUIER RD	END	0.510	8J13	E2
590	SMITH FLAT SCHOOL RD	34A SMITH FLAT RD	END	0.440	8J13	E2
1104	SMOKEY MOUNTAIN CIR	1109 ARCHES AVE	1104 SMOKEY MTN CIR	0.360	7J25	C1
2305	SNOW MOUNTAIN DR	2298 PYRAMID CIR	2294 MT RAINIER DR	0.160	9H45	F7
2402	SNOWFLAKE DR	2188 SANTA CLAUSE DR	END	0.040	9H55	J2
33	SNOWS RD	84 NEWTON RD	89 CARSON RD	3.190	8J14	C2
1355	SNOWSHOE THOMPSON	1350 HANK MONK AVE	1352 HORACE GREELY AVE	0.100	10H41	D1
2717	SOHAIR CT	1976A ABERDEEN LN	END	0.080	7J15	D6
325	SOLANO RD	547 CAMEROSA CIR	315 KNOLLWOOD DR	0.120	7J25	K1
2787	SOLARI CT	2710 CONCORDIA DR	END/BULB	0.06	7J25	D3
978	SOLSTICE CIR NO	END	980 SUNLIGHT DR	0.030	8J12	H9

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979	SOLSTICE CIR SO	END	898 PATTERSON DR	0.080	8J12	H10
553	SOMBRA CT	547 CAMEROSA CIR	END	0.040	7J25	K1
881	SOMERSET LOOP	78 MT AUKUM RD	78 MT AUKUM RD	0.360	8J14	D9
434	SONORA CT	435 CAMPBELL RANCH DR	END	0.040	7J15	C6
433	SONORA DR	435 CAMPBELL RANCH DR	432 CALAVERAS DR	0.090	7J15	C6
2756	SOPHIA PKWY	2 GREEN VALLEY RD	END(CITY OF FOLSOM)	1.600	7J14	J6
2503	SOURDOUGH TRL	2499 GOLDEN BEAR TRL	2506 GOLD DUST TRL	0.150	10H41	C2
2021	SOUTH LN	1481 RUBICON DR	END	0.020	9H24	J9
2072	SOUTH POINT RD	30 FOWLER LN	END	0.520	8J12	J8
17	SOUTH SHINGLE RD	SAC CO	165 DUROCK RD	11.540	7J35	F6
17	SOUTH SHINGLE RD	165 DUROCK RD	240 MOTHER LODE DR	0.030	8J21	G1
17	SOUTH SHINGLE RD	240 MOTHER LODE DR	SH050	0.050	8J21	G1
1862	SOUTH ST	SH49	1863 CHURCH ST	0.080	8J12	F9
1890	SOUTH ST	1897 HARKNESS ST	SH193	0.260	8H42	G2
169	SOUTH UPPER TRUCKEE RD	SH89	URBAN BDY(0.17 M S OF MEMORY)	1.380	9H55	J5
169	SOUTH UPPER TRUCKEE RD	URBAN BDY(0.17 M S OF MEMORY)	2372 PANORAMA CT - URBAN BDY	1.410	9H55	J4
169	SOUTH UPPER TRUCKEE RD	2372 PANORAMA CT - URBAN BDY	2493 NAHANE DR - URBAN BDY	1.100	9H45	H10
169	SOUTH UPPER TRUCKEE RD	2493 NAHANE DR - URBAN BDY	SH050	0.840	9H45	H9
2074	SOUTH VIEW DR	102 CAPPS CROSSING RD	END	0.310	08J	K3
2516	SOUTHERN PINES DR	114 PIONEER TRL	2265 THUNDERBIRD DR	0.500	9H45	J7
1069	SOUTHRIDGE CT	1064 CRESTLINE CIR	END	0.060	7J25	B2
50	SPANISH DRY DIGGINS RD	51 SLIGER MINE RD	SH193	3.680	8H	C6
43	SPANISH FLAT RD	SH193	44 TRAVERSE CREEK RD	1.350	8H52	H3
906	SPECKLED RD	910 STEELHEAD LN	182 RAINBOW TRL	0.490	8J15	B4
592	SPINEL CIR	591 TOURMALINE WAY	591 TOURMALINE WAY	0.160	8J11	A7
2818	SPINNING WHEEL CT	HOLLOW OAK DR	END	0.030	7J15	K3
602	SPRINGBURN WAY	603 BUSSELTON WAY	END	0.430	7J15	C8
128	SPRINGER RD	99 BUCKS BAR RD	END	1.940	8J13	A10
22	SPRINGVALE RD	21 LOTUS RD	97 LUNEMAN RD	1.690	8J11	G1
1684	SPRUCE AVE	1689 MANZANITA ST	1685 COX ST	0.270	8H55	B9
648	SPUR RD	647 RIBIER WY	END	0.030	8J11	C8
2180	SQUIRREL HILL DR	2179 WILDROSE DR	END	0.050	08J	J4
272	ST ANDREWS DR	219 EL DORADO HILLS BLVD	605 BRISBANE CIR	0.360	7J15	C8
1117	ST IVES CT	135 MEDER RD	END	0.110	8J11	F10
262	STANFORD LN	261 LATHAM LN	234 WARREN LN	1.040	7J15	B8
67	STARBUCK RD	66 DEER VALLEY RD	2 GREEN VALLEY RD	2.660	7J15	J4
87	STARKES GRADE RD	84 NEWTON RD	90 SLY PARK RD	6.940	8J14	A2
279	STARMOUNT WAY	281 WILLOWDALE DR	278 PENDLETON DR	0.270	7J15	C6
910	STEELHEAD LN	909 DOLLY VARDEN LN	END	0.180	8J15	B4
296	STEPHENS LN	234 WARREN LN	239 STONEMAN WAY	0.160	7J15	C8
2095	STERLING DR	507 BENTLEY DR	510 ROYCE DR	0.250	8J11	A6
521	STERLING WAY	516 GATEWAY RD	306 CAMBRIDGE RD	0.350	7J15	K7
2630	STOCKWOOD CT	2629 STOCKWOOD WAY	END	0.060	7J15	C7
2629	STOCKWOOD WAY	2626 KESWICK DR	2627 FALKIRK WAY	0.150	7J15	C7
227	STONECREST RD	89 CARSON RD	PLACERVILLE CITY LIMITS	0.060	8J13	C2
239	STONEMAN WAY	234 WARREN LN	234 WARREN LN	0.420	7J15	B8
193	STOPE WAY	195 QUARTZ DR	195 QUARTZ DR	1.060	08J	C3
1909	STORYBOOK CT	1907 PARKSIDE DR	END	0.140	08J	K4
2543	STRATFORD CIR	2541SHEFFIELD DR	2541 SHEFFIELD DR	0.260	7J15	B3
2215	STRAWBERRY CT	2214 STRAWBERRY LN	END	0.020	09H	G9
2214	STRAWBERRY LN	SH050	END	0.470	09H	G10

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2083	STRING CANYON CT	879 STRING CANYON RD	END	0.060	08J	J4
879	STRING CANYON RD	100 GRIZZLY FLAT RD	124 SCIARONI RD	3.520	08J	J3
356	STROLLING HILLS RD	354 RODEO RD	355 COACH LN	0.120	8J21	D2
341	SUDBURY CT	206 SUDBURY RD	END	0.050	8J11	C10
206	SUDBURY RD	207 FAIRWAY DR	135 MEDER RD	1.630	8J11	C10
1139	SUFFOLK WAY	2767 ELMORES WAY	2709 BRITTANY WAY	0.170	7J15	A7
1139	SUFFOLK WAY	END	1136 HENSLEY CIR	0.030	7J15	B7
997	SUGAR BUSH CIR	999 SIERRA SPRINGS DR	999 SIERRA SPRINGS DR	0.200	8J14	K6
1201	SUGAR PINE DR	1200 PARK WOODS DR	END	0.090	8J15	D1
1924	SUGAR PINE DR	1918 MT PLEASANT DR	1920 WOODRIDGE DR	0.140	08J	J4
2693	SULTANA CT	359 MIRA LOMA DR	END	0.110	8J11	C7
2755	SUMMER CT	2675 SUMMER DR	END	0.070	7J15	K10
2675	SUMMER DR	2706 JASMINE CIR	2743 ORCHID SHADE DR	1.170	7J15	J10
2376	SUMMIT DR	2375 LAMOR CT	END	0.110	9H45	H5
1127	SUNCAST LN	18 LATROBE RD	END	0.580	7J25	D4
155	SUNCREST DR	9 MISSOURI FLAT RD	END	0.140	8J12	F4
2512	SUNDOWN TRL	END	2499 GOLDEN BEAR TRL	0.370	10H41	B2
1129	SUNGLOW CT	1127 SUNCAST LN	END	0.090	7J25	D4
1520	SUNKEL LN	1511 WILSON AVE	1521 HARRIS AVE	0.050	9H24	H3
980	SUNLIGHT DR	898 PATTERSON DR	979 SOLSTICE DR	0.420	8J12	H9
2043	SUNNYVIEW DR	2042 GLENRIDGE PKY	2044 CRESTVIEW CT	0.490	9H24	H5
2228	SUNRISE AVE	2227 LAKERIDGE DR	END	0.270	9H24	H7
2229	SUNRISE CT	2228 SUNRISE AVE	END	0.270	9H24	H7
1011A	SUNSET LN	17 SOUTH SHINGLE RD	240 MOTHER LODE DR	0.360	8J21	G1
1011B	SUNSET LN	240 MOTHER LODE DR	END	0.070	8J21	G1
1333	SUPERIOR DR	1332 CRYSTAL SPRINGS RD	END	0.130	8J14	E1
320	SURRY LN	319 WOODLEIGH LN	END	0.120	8J11	B10
2462	SUSQUEHANA DR	114 PIONEER TRL	END	0.630	10H41	C3
430	SUTTER CREEK CT	429 SUTTER CREEK DR	END	0.030	7J15	C6
429	SUTTER CREEK DR	423 EMBARCADERO DR	423 EMBARCADERO DR	0.280	7J15	C5
2415	SUTTER TRL	2412 SIERRA HOUSE TRL	END	0.440	10H41	E2
105	SWEENEY RD	100 GRIZZLY FLAT RD	80 HAPPY VALLEY RD	4.110	08J	H3
2025	SWEETWATER CT	2030 SWEETWATER DR	END	0.130	9H24	H7
2030	SWEETWATER DR	2029 BAYVIEW DR	2026 COVE WAY	0.310	9H24	H7
1040	TABARI CT	1039 SHELBY CIR	END	0.040	7J15	B8
2476	TABIRA CT	2426 WASHOAN BLVD	END	0.110	10H41	B3
642	TAH NEE WAY	1103 HARVARD WAY	END	0.160	7J15	D9
2203	TAHOE MOUNTAIN RD	2204 LAKE TAHOE BLVD	2331 FOREST MNT DR-URBAN BDY	0.480	9H45	G4
2203	TAHOE MOUNTAIN RD	2331 FOREST MNT DR-URBAN BDY	1940 FALLEN LEAF RD	1.170	9H45	G3
2368	TALBOT PL	2367 TALBOT ST	END	0.050	10H41	E1
2367	TALBOT ST	2323 ALICE LAKE RD	2365 BERNICE LN	0.200	10H41	E1
273	TAM O SHANTER DR	272 ST ANDREWS DR	END	0.840	7J15	C7
273A	TAM O SHANTER DR	273 TAM O SHANTER DR	END/BULB	0.030	7J15	C7
1850	TAMARACK AVE	1851 ALPINE AVE	END	0.110	9H55	C2
2005	TAMARACK CT	2004 AUDRAIN WAY	END	0.030	9H55	E2
1593	TAMARACK PINES RD	SH050	END	0.350	9H55	A4
2198	TAMOSHANTER DR	2535 ELKS CLUB DR	2196 MEADOWVALE DR	0.210	9H45	K7
2221	TANBARK OAK CT	2220 LKRDGE OAKS DR	END	0.070	7J15	A6
2398	TAOS CT	2397 CHIAPA DR	END	0.080	9H45	G9
2764	TARAYA CT	2763 BEASLEY DR	2764 TARAYA CT	0.130	7J25	J2
1975	TARTAN TRL	1973 LOCH WAY	END	0.100	7J15	E5

ROAD NUMBER	ROAD NAME	FROM (NUMBER AND NAME)	TO (NUMBER AND NAME)	LENGTH MILES	MAP NUMBER	MAP COORDINATE
1948	TARTAN WAY	1947 DUNDEE CIR	END	0.050	9H45	G2
2672	TEA ROSE CT	2651 TEA ROSE DR	END	0.050	7J15	J8
2651	TEA ROSE DR	2675 SUMMER DR	2653 MAGNOLIA HILLS DR	0.810	7J15	J8
1111	TEAL POND CT	1110 TEAL POND RD	END	0.110	8H52	G10
1110	TEAL POND RD	SH049	END	0.180	8H52	G10
623	TEALLY PL	605 BRISBANE CIR	END	0.030	7J15	C8
2286	TEHAMA DR	2285 SENECA DR (W)	2285 SENECA DR (E)	0.610	9H45	F8
422	TELEGRAPH HILL	219 EL DORADO HILLS BLVD	423 EMBARCADERO DR	0.390	7J15	C5
2664	TEMPLETON DR	2161 FRANCISCO DR	2660 MANNING DR	0.210	7J15	B4
1545	TENTH AVE	1529 TIMBER WOLF DR	1548 PINE ST	0.770	9H24	G2
2490	TEPEE CT	2485 FAIR MEADOW TRL	END	0.040	10H41	D1
191	TERRACE DR	190 SHERMAN WAY	END	0.400	8H55	B7
557	TERRAZA ST	556 MONTERO RD	554 CASTANA DR	0.120	7J25	J1
2388	TETON CT	2387 OTOMITES ST	END	0.050	9H45	G10
1535	THIRD AVE	END	1536 OAK ST	0.340	9H24	H3
24	THOMPSON HILL RD	21 LOTUS RD	20 COLD SPRINGS RD	2.500	8H51	A7
2692	THOREAU DR	2708 CANFIELD DR	1020 CRAZY HORSE DR	0.120	7J25	K2
567	THRASHER CT	543 ABBOTT RD	END	0.080	7J15	K8
634	THROWITA WAY	END	END	0.080	8J12	J6
1997	THUNDERBIRD CT	2535 ELKS CLUB BLVD	END	0.240	10H41	A6
2265	THUNDERBIRD DR	SH050	2535 ELKS CLUB DR	0.940	9H45	J8
562	TIERRA DE DIOS DR	198 COUNTRY CLUB DR	END	0.390	7J25	H2
1529	TIMBER WOLF DR	2247 PLACER CT	END	0.550	9H24	G3
443	TIMBERLINE RIDGE CT	431 TIMBRLINE RIDGE DR	END	0.150	7J15	C5
431	TIMBERLINE RIDGE DR	219 EL DORADO HILLS BLVD	2347 SILVA VALLEY PKY	0.180	7J15	C5
2522	TIONONTATI ST	114 PIONEER TRL	2535 ELKS CLUB DR	0.560	10H41	A7
2484	TOIYABE TRL	2416 MARSHALL TRL	2416 MARSHALL TRL	0.220	10H41	D2
2424	TOKOCHI ST	2423 HEPKA DR	2423 HEPKA DR	0.220	10H41	B6
2399	TOLTECA CT	2397 CHIAPA DR	END	0.090	9H45	G9
2400	TOLTECA WAY	2397 CHIAPA DR	END	0.180	9H45	G9
2089	TOMAHAWK LN	2016 APACHE AVE	2090 ARROWHEAD AVE	0.290	9H45	H10
1008	TOMMY CT	5 PONDEROSA RD	END	0.040	8J11	F5
2337	TONG RD	2347 SILVA VLY PKY	END	0.300	7J25	E2
2471	TOOCH ST	2462 SUSQUEHANA DR	END	0.140	10H41	C5
1050	TOPAZ DR	1042 GOLD RIDGE TRL	END	1.040	8H55	C10
2288	TOPPEWETAH ST	2282 WINTOON DR	2277 MEWUK DR	0.420	9H45	F10
2160	TORERO WAY	2159 GUADALUPE DR	2159 GUADALUPE DR	0.420	7J15	B3
2258	TORO CT	2159 GUADALUPE DR	END	0.040	7J15	C3
202	TORONTO RD	198 COUNTRY CLUB DR	200 CAMERON PARK DR	0.770	8J11	C1
595	TOURMALINE CT	591 TOURMALINE WAY	END	0.020	8J11	A7
591	TOURMALINE WAY	596 PERIDOT DR	511 HASTINGS DR	0.300	7J15	K7
1883	TOYAN DR	30 FOWLER LN	77 PLEASANT VALLEY RD	0.280	8J12	J7
1086	TRADE WAY	1084 PRODUCT DR	1088 BUSINESS DR	0.160	8J21	E2
61	TRAIL GULCH RD	108 ROCK CREEK RD	END	0.260	8H53	E5
44	TRAVERSE CREEK RD	SH193	46 BEAR CREEK RD	3.640	8H42	J10
2794	TRAVOIS CIR	2 GREEN VALLEY RD	2794 TRAVOIS CIR	0.520	7J15	J6
2795	TRAVOIS CT	2794 TRAVOIS CIR	END/BULB	0.070	7J15	J7
2581	TRENTON WAY	2580 DANBURY CIR	2580 DANBURY CIR	0.150	7J15	C4
1977	TRESTLE GLEN CT	1979 BERRY RD	END	0.080	8J11	B10
644	TRINIDAD DR	2534 COUNTRY CLUB DR	643 GAILEY CIR	0.180	7J25	J2
2097	TUDOR CT	67 STARBUCK RD	END	0.040	8J11	A6

2019
EL DORADO COUNTY
MAINTAINED ROAD DATA

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2246	TULLE LN	2245 RIDGE DR	END	0.130	8J21	J1
125	TULLIS MINE RD	SH049/PLEASANT VALLEY RD	END	0.540	8J12	H7
2513	TURNBACK TRL	2499 GOLDEN BEAR TRL	2499 GOLDEN BEAR TRL	0.280	10H41	C2
2735	TURNER CIR	398 PASADA RD	398 PASADA RD	0.310	8J11	A9
2734	TURNER CT	2735 TURNER CIR	END	0.050	8J11	B9
1035	TURQUOISE WAY	256 RIDGEVIEW DR	1036 MOONSTONE CIR	0.24	7J15	C9
436	TWAIN HARTE CT	435 CAMPBELL RANCH RD	END	0.050	7J15	C6
302	TWIN OAKS RD	303 RUSTIC RD	300 HILLSBOROUGH RD	0.320	8J21	B1
1913	TYLER DR	124 SCIARONI RD	END	1.090	08J	K3
3	ULENKAMP RD	2 GREEN VALLEY RD	8002 NO NAME	0.530	8J11	D5
2382	ULMECA ST	2381 CHOLULA ST	END	0.210	9H45	G10
11	UNION MINE RD	SH049	SH049	6.990	8J12	F10
2600	UNION RIDGE RD	60 MOSQUITO RD	89 CARSON RD	1.770	8J13	E1
376	UNITED DR	500 ROYAL PARK DR	END	0.210	8J11	A8
187	UPLANDS DR	END	END	0.560	7J15	C5
1943	UPLANDS WAY	1946 GLENMORE WAY	1942 HIGHLANDS DR	0.410	9H45	G2
2103	UTE ST	2102 CHOCTAW ST	2090 ARROWHEAD AVE	0.190	9H45	J8
2006	VACATION BLVD	SPRING WY	END	0.160	08J	F4
340	VALERIO DR	206 SUDBURY RD	END	0.160	8J11	C10
2031A	VALLEY VIEW DR	2404 CEDAR RIDGE DR	END	0.050	9H24	H7
2031B	VALLEY VIEW DR	END	SH089	0.100	9H24	H7
560	VALTARA RD	556 MONTERO RD	561 EL NORTE RD	0.210	7J25	J1
2517	VANDERHOOF RD	114 PIONEER TRL	2518 EVELYN RD	0.170	9H45	J8
2274	VEERKAMP WAY	76 MARSHALL RD	76 MARSHALL RD	0.260	8H42	D9
382	VELD WAY	379 CLINTON WAY	135 MEDER RD	0.280	8J11	C9
2760	VENTANA LN	2698 OESTE LN	END/BARRICADE	0.110	7J15	K9
2785	VENTURA CT	END/BULB	2710 CONCORDIA DR	0.070	7J25	D3
2786	VENTURA WY	2710 CONCORDIA DR	2710 CONCORDIA DR	0.140	7J25	D3
2260	VERA CT	2039 LAKEHILLS DR	END	0.040	7J15	C2
348	VERANO CT	347 VERANO WAY	END	0.050	8J11	C10
347	VERANO WAY	206 SUDBURY RD	END	0.190	8J11	C10
1738	VERDE ROBLES DR	1734 CAMINO HEIGHTS DR	END	0.190	8J13	J3
1065	VIA TREVISO	1064 CRESTLINE CIR	END	0.380	7J25	B1
2109	VICTORIA CIR	1415 VICTORIA DR	1415 VICTORIA DR	0.310	9H24	H8
1415	VICTORIA DR	2109 VICTORIA CIR	SH089	0.290	9H24	H8
2135	VIEW CIR	1491 SIERRA DR	SH089	0.180	9H24	H8
2210	VIEW CIR	2204 LAKE TAHOE BLVD	2204 LAKE TAHOE BLVD	0.550	9H45	G5
2366	VIKING WAY	2365 BERNICE LN	2367 TALBOT ST	0.130	10H41	E1
1932	VILLAGE CENTER DR	2161 FRANCISCO DR	39 SALMON FALLS RD	0.440	7J15	B5
1698	VIONA RD	1697 ROBERT RD	END	0.020	8H54	H10
361	VIRADA RD	200 CAMERON PARK DR	END	0.210	8J11	B8
1745	VISTA DEL MUNDO	1744 CAMINO HILLS DR	END	0.390	8J13	J2
2057	VISTA MAR DR	END	END	0.470	7J15	B4
1743	VISTA TIERRA DR	1734 CAMINO HEIGHTS DR	END	0.100	8J13	J2
1786	VISTA VERDE DR	319 WOODLEIGH LN	319 WOODLEIGH LN	0.210	7J15	K9
64	VOLCANOVILLE RD	63 WENTWORTH SPRINGS RD	8079 NO NAME	7.210	08H	E5
885	VOLO MINE DR	980 SUNLIGHT DR	887 GRIFFITH RD	0.130	8J12	H9
2691	VOLTAIRE CT	2690 VOLTAIRE DR	END	0.030	7J25	K2
2690	VOLTAIRE DR	1020 CRAZY HORSE DR	END	0.190	7J25	K2
2411	WAGON TRAIN TRL	2408 HIGH MEADOW TRL	2416 MARSHALL TRL	0.580	10H41	D2
2497	WAILAKI ST	END	END	0.250	9H45	H10

2019
EL DORADO COUNTY
MAINTAINED ROAD DATA

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151	WALLACE RD	SH049	END	0.580	8H52	F10
2613	WALTON PL	2612 FAIRCHILD DR	END	0.040	7J15	C6
234	WARREN LN	1039 SHELBY CIR	271 GOVERNOR DR	0.710	7J15	B8
2559	WARWICK PL	2554 CARNELIAN CIR	END	0.040	7J15	C3
2458	WASABE DR	2439 SHAKORI DR	SH089	0.360	9H45	H9
2426	WASHOAN BLVD	114 PIONEER TRL	END	0.680	10H41	B5
2091	WASHOE ST	2089 TOMAHAWK LN	2090 ARROWHEAD AVE	0.160	9H45	H10
245	WATERMAN CT	239 STONEMAN WAY	END	0.130	7J15	C8
2473	WATSON ST	2470 KOYUKON DR	2467 MINNICONJOU DR	0.140	10H41	B5
2652	WATSONIA GLEN DR	2667 KLONDIKE WAY	2651 TEA ROSE DR	0.280	7J15	J8
503	WAVERLY DR	500 ROYAL PARK DR	306 CAMBRIDGE RD	0.440	8J11	A7
2197	WAVERLY DR	2535 ELKS CLUB DR	2198 TAMOSHANTER DR	0.140	9H45	K7
1935	WEATHERVANE CT	1933 BANCROFT DR	END	0.090	7J15	C5
2064	WELLESLEY PL	2660 MANNING DR	END	0.060	7J15	B4
309	WENTWORTH RD	324 SHERIDAN RD	306 CAMBRIDGE RD	0.630	7J25	K1
63	WENTWORTH SPRINGS RD	1893 MAIN ST	STUMPY MEADOWS	15.950	8H42	G1
63	WENTWORTH SPRINGS RD	STUMPY MEADOWS	147 ICE HOUSE RD	14.550	08H	K7
63	WENTWORTH SPRINGS RD	147 ICE HOUSE RD	END	9.430	09H	C6
1968	WEST GLENMORE WAY	2347 SILVA VALLEY PKY	1966 HIGHLAND HILLS DR	0.120	7J15	C6
2310	WEST RIVER PARK DR	169 SOUTH UPPER TRUCKEE RD	169 SOUTH UPPER TRUCKEE RD	0.340	9H55	H2
2252A	WEST SAN BERNARDINO AVE	END	159 NORTH UPPER TRUCKEE RD	0.020	9H45	G10
2252A	WEST SAN BERNARDINO AVE	159 NORTH UPPER TRUCKEE RD	END	0.380	9H45	G10
326	WESTRIDGE DR	315 KNOLLWOOD DR	572 COVELLO CIR	0.250	7J25	J1
283	WESTWOOD CT	281 WILLOWDALE DR	END	0.060	7J15	C7
2724	WEYMOUTH WAY	2714 FOXMORE LN	2721 MAYFIELD DR	0.300	7J15	J7
2815	WHISKEY DRIFT DR	HOLLOW OAK DR	SALT WASH WY	0.080	7J15	K3
2814	WHISTLERS BEND WY	HOLLOW OAK DR	WHISKEY DRIFT DR	0.340	7J15	K3
1041	WHITE MEADOW RD	147 ICEHOUSE RD	167B PEAVINE RIDGE RD	4.280	09H	A10
34	WHITE ROCK RD	SAC CO	2347 SILVA VALLEY PKY	2.220	7J25	E3
2687	WHITMAN CT	1020 CRAZY HORSE RD	END	0.050	7J25	K2
2583	WHITMORE PL	2581 TRENTON WAY	END	0.030	7J15	C4
2638	WICKHAM WAY	2627 FALKIRK WAY	2626 KESWICK DR	0.050	7J15	C7
1012	WILD CHAPARRAL DR	5 PONDEROSA RD	END	0.610	8J21	F1
2182	WILDBERRY CT	2181 WILDBERRY DR	END	0.110	08J	J4
2181	WILDBERRY DR	2179 WILDROSE DR	END	0.140	08J	J4
2061	WILDRIDGE DR	2058 BROOKMAR DR	END	0.030	7J15	B4
2061	WILDRIDGE DR	END	2660 MANNING DR	0.110	7J15	B4
2073	WILDROSE CT	2179 WILDROSE DR	END	0.070	08J	J4
2179	WILDROSE DR	1951 BLUE MOUNTAIN DR	1951 BLUE MOUNTAN DR	0.650	08J	J4
163	WILDWOOD WAY	SH050	END	0.200	09H	D10
394A	WILKINSON RD	319 WOODLEIGH LN	END (GATE)	0.310	8J11	A9
394B	WILKINSON RD	392 ESTEPA DR (BRCD)	529 HILLCREST DR	0.340	7J15	K8
394C	WILKINSON RD	END	569 CRANE WAY	0.030	7J15	K8
1728	WILLIAM WAY	89 CARSON RD	1721 ELMER ST	0.070	8J14	C2
2108	WILLIAMS LN	1481 RUBICON DR	2107 KING GEORGE DR	0.130	9H24	H9
630	WILLISTON WAY	629 RAVENSHOE WAY	605 BRISBANE CIR	0.200	7J15	D8
1691	WILLOW ST	25 PONY EXPRESS TRL	1690 PINE ST	0.140	8H55	C9
1843	WILLOW ST	END	END	0.150	8J12	F9
281	WILLOWDALE DR	273 TAM O SHANTER DR	278 PENDLETON DR	0.530	7J15	C6
1511	WILSON AVE	1548 PINE ST	SH089	0.310	9H24	G2
255	WILSON BLVD	219 EL DORADO HILLS BLVD	END	0.970	7J15	C10

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608	WILUNA PL	603 BUSSELTON WAY	END	0.030	7J15	C7
1125	WINDFIELD WAY	1124 GOLDEN FOOTHILL PKY	34 WHITE ROCK RD	0.380	7J25	D3
1904	WINDING WAY	124 SCIARONI RD	102 CAPPS CROSSING RD	1.560	08J	K3
1964	WINDING WAY CT	1904 WINDING WAY	END	0.030	08J	K4
1128	WINDPLAY DR	1127 SUNCAST LN	1125 WINDFIELD WAY	0.360	7J25	D4
2099	WINDSOR CT	67 STARBUCK RD	END	0.090	8J11	A6
2680	WINDSOR POINT PL	2112 SCHOONER DR	END	0.450	7J15	B4
2631	WINLOCK WAY	2626 KESWICK DR	END	0.060	7J15	C7
2385	WINNEBAGO ST	2288 TETON CT	2280 NEZ PERCE DR	0.060	9H45	G8
2147	WINSTON WAY	2109 VICTORIA CIR	END	0.080	9H24	H8
2282	WINTOON DR	2284 KIOWA DR	END	0.410	9H45	F8
987	WISTERIA RD	990 PENNYROYAL DR	END	0.210	8J14	J6
641	WOEDEE DR	219 EL DORADO HILLS BLVD	642 TAH NEE WAY	0.360	7J15	C9
213	WOOD LN	207 FAIRWAY DR	351 OXFORD RD	0.160	8J11	C9
2054	WOOD MAR DR	2053 MARINA PARK DR	2060 MARINA VIEW DR	0.280	7J15	B4
2079	WOOD VIEW CT	2078 WOODED GLEN DR	END	0.060	08J	J4
2373	WOODCHUCK CT	169 SOUTH UPPER TRUCKEE RD	END	0.040	9H55	H2
2081	WOODED GLEN CT	2078 WOODED GLEN DR	END	0.040	08J	J4
2078	WOODED GLEN DR	2082 EVERGREEN DR	END	0.760	08J	J4
1922	WOODHAVEN CT	1921 WOODHAVEN DR	END	0.140	08J	J4
1921	WOODHAVEN DR	1918 MT PLEASANT DR	END	0.360	08J	J4
2303	WOODLAND CT	2301 WOODLAND DR	END	0.060	9H24	H9
129	WOODLAND DR	86 CEDAR RAVINE RD	END	0.780	8J13	F7
2301	WOODLAND DR	2302 MANZANITA DR	2138 SCENIC DR	0.490	9H24	H9
2748	WOODLEIGH CT	319 WOODLEIGH LN	END	0.120	7J15	J8
319	WOODLEIGH LN	318 KIMBERLY RD	END(MP.20)	0.200	7J15	J8
319	WOODLEIGH LN	END (MP.39)	4 BASS LAKE RD	1.330	7J15	J8
1920	WOODRIDGE DR	100 GRIZZLY FLAT RD	1918 MT PLEASANT DR	0.270	08J	J4
517	WOODY CREEK CT	516 GATEWAY RD	END	0.100	7J15	J8
2615	WRANGLER PL	2612 FAIRCHILD DR	END	0.050	7J15	C6
606	WYNDHAM PL	603 BUSSELTON WAY	END	0.030	7J15	C8
607	WYNDHAM WAY	605 BRISBANE CIR	603 BRUSSELTON WAY	0.290	7J15	C7
2308	YAKIMA CT	2307 SEMINOLE DR	END	0.040	9H45	J10
2542	YARDLEY PL	2541 SHEFFIELD DR	END	0.040	7J15	B3
229	YELLOWSTONE CT	216 ARROWHEAD DR	END	0.070	7J25	C2
228	YELLOWSTONE LN	218 KINGS CYN DR	216 ARROWHEAD DR	0.220	7J25	C2
2498	YOKUT ST	2493 NAHANE DR	2493 NAHANE DR	0.200	9H45	H10
251	YOSEMITE LN	246 MESA VERDES DR	1109 ARCHES AVE	0.130	7J25	C1
244	YOUNGS CT	239 STONEMAN WAY	END	0.060	7J15	C8
2524	YQUI ST	2521 SKYLINE DR	2520 CRYSTAL AIR DR	0.050	10H41	A7
2390	YUCATAN ST	2387 OTOMITES ST	END	0.190	9H45	G10
45	ZANDONELLA RD	77 PLEASANT VALLEY RD	77 PLEASANT VALLEY RD	0.590	8J13	B8
2158	ZAPATA DR	2035 ENCINA DR	END	0.240	7J15	B3
2444	ZAPOTEC DR	2447 CREE ST	END	0.530	9H45	K8
583	ZIANA RD	END	END	0.190	7J15	J10
1059	ZINC DR	1051 AMBER TRL	1051 AMBER TRL	0.320	8H55	C10
986	ZINNIA RD	987 WISTERIA RD	END	0.030	8J14	J6
1061	ZIRCON DR	1059 ZINC DR	END	0.100	8H55	C10
2270	ZUNI ST	2275 GRIZZLY MOUNTAIN DR	2271 SHOSHONE ST	0.510	9H45	F7
145		127 BROADWAY	589 SMITH FLAT RD	0.140	8J13	E3
253		246 MESA VERDES DR	END	0.030	7J25	C1

2019
EL DORADO COUNTY
MAINTAINED ROAD DATA

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265		262 STANFORD LN	END	0.030	7J15	C9
267		262 STANFORD LN	END	0.050	7J15	C9
274		273 TAM O SHANTER DR	END	0.050	7J15	C8
276		273 TAM O SHANTER DR	END	0.050	7J15	C8
294		262 STANFORD LN	END	0.030	7J15	C8
349		347 VERANO WAY	END	0.030	8J11	C9
364		360 ALHAMBRA DR	END	0.030	8J11	B8
377		376 UNITED DR	END	0.030	8J11	B8
387		385 CESSNA DR	END	0.030	8J11	C9
404		299 KING EDWARD DR	END	0.030	7J15	C7
411		261 LATHAM LN	END	0.020	7J15	C9
412		261 LATHAM LN	END	0.040	7J15	C9
413		261 LATHAM LN	END	0.040	7J15	C9
420		271 GOVERNOR DR	END	0.030	7J15	C8
421		271 GOVERNOR DR	END	0.030	7J15	C9
878		56 GREENWOOD RD	END	0.500	8H42	C5
1004		1003 GOLD RUSH LN	END	0.040	8H52	F9
1005		1003 GOLD RUSH LN	END	0.040	8H52	F9
1022		SH050	END	0.100	8J13	G2
1033		271 GOVERNOR DR	END	0.030	7J15	C9
1101		11 UNION MINE RD	END	0.040	8J12	F9
1207		1200 PARK WOODS DR	END	0.030	8J15	D2
1733		1720 ROOSEVELT AVE	1722 HARRIS RD	0.050	8J14	D2
1926		1913 TYLER DR	END	0.030	08J	K3
1950		171 BUCKEYE RD	END	0.180	8J11	J10
1965		1904 WINDING WAY	END	0.030	08J	K4
2232		2231 PERKS CT	END	0.070	8J12	G5
2233		9 MISSOURI FLAT RD	END	0.040	8J12	G5
2327		131 AIRPORT RD	END	0.190	8J13	D4
2370		2369 EGRET WAY	END	0.030	9H55	H1
2405		2193 GLEN EAGLES RD	2426 WASHOAN BLVD	0.450	10H41	B5
2407		2406 KOKANEE TR	END	0.020	10H41	D2
2421		2420 BLACK BART CT	END	0.050	10H41	D1
2537		2138 SCENIC DR	SH089	0.030	9H24	J9
2538		2301 WOODLAND DR	2138 SCENIC DR	0.070	9H24	H9
2802		2797 BLACKSTONE PKY	END	0.040	7J25	F6
2803		2804 CLARKSVILLE CROSSING	END	0.040	7J25	E2
45A		77 PLEASANT VALLEY RD	77 PLEASANT VALLEY RD	0.080	8J13	B8
			COMPLETED-02/2020	**1082.77**		

Update 02/2019

APPENDIX B – EL DORADO COUNTY MAINTAINED ROAD DATA FOR LANDS MANAGED BY THE UNITED STATES FOREST SERVICE (ADOPTED FROM 2019 COUNTY MAINTAINED ROADS LIST)

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El Dorado County
Maintained Road Data
for Lands Managed by the
United States Forest Service
(adopted from 2019 County Maintained Roads List)

ROAD NUMBER	ROAD NAME	USFS AREA	LENGTH (MILES)
65	BALDERSTON RD	Eldorado National Forest	1.49
2029	BAY VIEW DR	Lake Tahoe Basin Management Unit	0.01
46	BEAR CREEK RD	Eldorado National Forest	1.67
4	BOULDER MOUNTAIN DR	Lake Tahoe Basin Management Unit	0.28
2205	BRADEN RD	Eldorado National Forest	0.25
112	BREEDLOVE RD	Eldorado National Forest	0.16
2174	BROOK DR	Lake Tahoe Basin Management Unit	0.02
121	CABLE RD	Eldorado National Forest	4.28
118	CALDOR RD	Eldorado National Forest	7.51
2329	CALDWELL DR	Eldorado National Forest	0.19
102	CAPPS CROSSING RD	Eldorado National Forest	6.16
89	CARSON RD	Eldorado National Forest	0.53
2404	CEDAR RIDGE DR	Lake Tahoe Basin Management Unit	0.00
2397	CHIAPA DR	Lake Tahoe Basin Management Unit	0.00
2383	CHILICOTHE ST	Lake Tahoe Basin Management Unit	0.00
2381	CHOLULA ST	Lake Tahoe Basin Management Unit	0.00
2322	COLD CREEK TRL	Lake Tahoe Basin Management Unit	0.01
877	COSUMNES MINE RD	Eldorado National Forest	2.32
2328	DE LISI WAY	Lake Tahoe Basin Management Unit	0.00
2278	DELAWARE ST	Lake Tahoe Basin Management Unit	0.00
2796	DUBASARY LN	Eldorado National Forest	0.01
1947	DUNDEE CIR	Lake Tahoe Basin Management Unit	0.00
2252	EAST SAN BERNARDINO AVE	Lake Tahoe Basin Management Unit	0.06
2369	EGRET WAY	Lake Tahoe Basin Management Unit	0.00
1940	FALLEN LEAF RD	Lake Tahoe Basin Management Unit	2.94
1680	FOREBAY RD	Eldorado National Forest	4.84
2331	FOREST MOUNTAIN DR	Lake Tahoe Basin Management Unit	0.09
1630	FOREST RD	Eldorado National Forest	0.10
1923	FOREST VIEW DR	Lake Tahoe Basin Management Unit	0.03
123	FRUITRIDGE RD	Eldorado National Forest	0.58
2133	GLEN DR	Lake Tahoe Basin Management Unit	0.03
2042	GLENRIDGE PKY	Lake Tahoe Basin Management Unit	0.11
2334	GRANITE MOUNTAIN CIR	Lake Tahoe Basin Management Unit	0.07
2312	GRASS LAKE RD	Lake Tahoe Basin Management Unit	0.16
2313	GRASS LAKE WAY	Lake Tahoe Basin Management Unit	0.01
2275	GRIZZLY MOUNTAIN DR	Lake Tahoe Basin Management Unit	0.01
80	HAPPY VALLEY RD	Eldorado National Forest	5.59
119	HASSLER RD	Eldorado National Forest	0.11
1349	HAWLEY GRADE RD	Lake Tahoe Basin Management Unit	0.32
2403	HAZEL VALLEY RD	Eldorado National Forest	1.20
2408	HIGH MEADOW TRL	Lake Tahoe Basin Management Unit	0.01
147	ICE HOUSE RD	Eldorado National Forest	16.89
2335	IRON MOUNTAIN CIR	Lake Tahoe Basin Management Unit	0.03
116	JOHNSON PASS RD	Eldorado National Forest	1.06
2460	KATO ST	Lake Tahoe Basin Management Unit	0.00
2204	LAKE TAHOE BLVD	Lake Tahoe Basin Management Unit	1.56
2032	LAKEVIEW DR	Lake Tahoe Basin Management Unit	0.02
103	LEONI RD	Eldorado National Forest	6.44
901	MACKINAW ST	Eldorado National Forest	0.00
2173	MC KINNEY RD	Lake Tahoe Basin Management Unit	0.02
47	MEADOW BROOK RD	Eldorado National Forest	0.06

El Dorado County
Maintained Road Data
for Lands Managed by the
United States Forest Service
(adopted from 2019 County Maintained Roads List)

ROAD NUMBER	ROAD NAME	USFS AREA	LENGTH (MILES)
2028	MEEKS BAY AVE	Lake Tahoe Basin Management Unit	0.01
150	MEYERS RD	Lake Tahoe Basin Management Unit	1.25
2363	MILL RUN	Eldorado National Forest	0.27
91	MORMON EMIGRANT TRL	Eldorado National Forest	16.63
60	MOSQUITO RD	Eldorado National Forest	4.12
1493	MOUNTAIN DR	Lake Tahoe Basin Management Unit	0.03
2280	NEZ PERCE DR	Lake Tahoe Basin Management Unit	0.00
2041	NORTHRIDGE DR	Lake Tahoe Basin Management Unit	0.00
35	OMO RANCH RD	Eldorado National Forest	3.36
2451	ONEIDAS ST	Lake Tahoe Basin Management Unit	0.34
2394	OSAGE CIR	Lake Tahoe Basin Management Unit	0.01
2364	OUTER LIMITS LN	Eldorado National Forest	0.04
88	PARK CREEK RD	Eldorado National Forest	1.73
167	PEAVINE RIDGE RD	Eldorado National Forest	6.72
114	PIONEER TRL	Lake Tahoe Basin Management Unit	1.80
524	POMO CT	Lake Tahoe Basin Management Unit	0.04
2276	POOEWIN ST	Lake Tahoe Basin Management Unit	0.00
1688	RIDGEWAY CT	Eldorado National Forest	0.03
108	ROCK CREEK RD	Eldorado National Forest	17.42
1481	RUBICON DR	Lake Tahoe Basin Management Unit	0.00
2202	SAWMILL RD	Lake Tahoe Basin Management Unit	0.49
124	SCIARONI RD	Eldorado National Forest	0.31
2439	SHAKORI DR	Lake Tahoe Basin Management Unit	0.00
2271	SHOSHONE ST	Lake Tahoe Basin Management Unit	0.00
1590	SIERRA PINES RD	Eldorado National Forest	0.10
2130	SILVER FORK RD	Eldorado National Forest	13.50
2343	SILVERTIP CT	Lake Tahoe Basin Management Unit	0.01
2190	SLEIGH BELL LN	Lake Tahoe Basin Management Unit	0.01
90	SLY PARK RD	Eldorado National Forest	1.12
169	SOUTH UPPER TRUCKEE RD	Lake Tahoe Basin Management Unit	3.82
2215	STRAWBERRY CT	Eldorado National Forest	0.03
879	STRING CANYON RD	Eldorado National Forest	0.27
2043	SUNNYVIEW DR	Lake Tahoe Basin Management Unit	0.02
2228	SUNRISE AVE	Lake Tahoe Basin Management Unit	0.02
2229	SUNRISE CT	Lake Tahoe Basin Management Unit	0.08
2203	TAHOE MOUNTAIN RD	Lake Tahoe Basin Management Unit	1.21
1593	TAMARACK PINES RD	Eldorado National Forest	0.09
61	TRAIL GULCH RD	Eldorado National Forest	0.15
44	TRAVERSE CREEK RD	Eldorado National Forest	0.19
2600	UNION RIDGE RD	Eldorado National Forest	0.01
2031	VALLEY VIEW DR	Lake Tahoe Basin Management Unit	0.01
64	VOLCANOVILLE RD	Eldorado National Forest	1.27
63	WENTWORTH SPRINGS RD	Eldorado National Forest	13.15
1041	WHITE MEADOW RD	Eldorado National Forest	1.50
2282	WINTOON DR	Lake Tahoe Basin Management Unit	0.01
2303	WOODLAND CT	Lake Tahoe Basin Management Unit	0.00
129	WOODLAND DR	Lake Tahoe Basin Management Unit	0.03
1712	8 MILE RD	Eldorado National Forest	0.23
	TOTAL MILES		**158.75**

APPENDIX C – NAMED WATERCOURSES IN EL DORADO COUNTY

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El Dorado County
Named Watercourse

Named Watercourses	Tributary to Waters	HUC 12 ID
'Alder Creek	--	180201290303'
'Arkansas Creek	Cosumnes River	180400130605'
'Bassi Fork	--	180201290201'
'Bear Creek	--	180201290402'
'Bear River	--	180400120401'
'Big Canyon Creek	--	180400130602'
'Big Meadow Creek	Upper Truckee River	160501010301'
'Brockliss Slough	--	160502010303'
'Brush Creek	South Fork American River	180201290502'
'Brushy Creek	Middle Fork American River	180201280303'
'Camp Creek	--	180400130102'
'Canyon Creek	--	180201280502'
'Caples Creek	--	180201290101'
'Cat Creek	Middle Fork Cosumnes River	180400130401'
'Chimney Flat	South Fork American River	180201290302'
'Deer Creek	Rubicon River	180201280206'
Dogtown Creek	--	180400130402'
'Dry Creek	--	180201290602'
'Dutch Creek	--	180201290503'
'Fallen Leaf Lake	Frontal Lake Tahoe	160501010401'
'Folsom Reservoir	North Fork American River	180201280604'
'Folsom Reservoir	South Fork American River	180201290703'
'General Creek	Frontal Lake Tahoe	160501010402'
'Gerle Creek	--	180201280204'
'Greenwood Creek	--	180201290701'
'Hastings Creek	South Fork American River	180201290702'
'Indian Creek	Cosumnes River	180400130604'
'Indian Creek	Weber Creek	180201290603'
'Jones Fork Silver Creek	--	180201290202'
'Lake Aloha	South Fork American River	180201290301'
'Lake Tahoe	--	160501010500'
'Little Grizzly Canyon	Rubicon River	180201280209'
'Little Silver Creek	Silver Creek	180201290205'
'Long Canyon	Silver Fork American River	180201290104'
'Lower Deer Creek	--	180400130503'
'Lower North Fork Cosumnes River	--	180400130204'
'Martinez Creek	--	180400130203'
'Middle West Fork Carson River	--	160502010302'
'Mill Creek	North Fork Mokelumne River	180400120405'
'Miller Creek	Rubicon River	180201280201'
'North Fork Weber Creek	--	180201290601'
'North Tragedy Creek	--	180201290103'
'One Eye Creek	Rock Creek	180201290403'
'Otter Creek	--	180201280501'
'Panther Creek	--	180400120403'
'Pilot Creek	--	180201280207'
'Plum Creek	South Fork American River	180201290304'
'Scott Creek	--	180400130301'
'Silver Lake	Silver Fork American River	180201290102'
'Slab Creek	--	180201290501'
'Slate Creek	South Fork Cosumnes River	180400130302'
'Sly Park Creek	--	180400130101'
'Sopiago Creek	Middle Fork Cosumnes River	180400130403'
'South Fork Rubicon River	--	180201280205'
'Spanish Creek	Middle Fork Cosumnes River	180400130404'
'Steely Fork Cosumnes River	--	180400130201'
'Tiger Creek	North Fork Mokelumne River	180400120404'
'Todd Creek	Middle Fork American River	180201280504'
'Trout Creek	--	160501010302'
'Union Valley Reservoir	Silver Creek	180201290203'
'Upper American River	--	180201110201'
'Upper Deer Creek	--	180400130502'
'Upper North Fork Cosumnes River	--	180400130202'
'Upper Truckee River	Frontal Lake Tahoe	160501010303'
'Upper West Fork Carson River	--	160502010301'
'Volcano Canyon	Middle Fork American River	180201280503'

El Dorado County
Named Watercourse

Named Watercourses	Tributary to Waters	HUC 12 ID
'Whaler Creek	--	180201290401'
'White Rock Creek	South Fork American River	180201290504'
'Zephyr Cove	Frontal Lake Tahoe	160501010202'

Source: University of California. 2021. California fish species: white catfish. California Fish Website. University of California, Division of Agriculture and Natural Resources, Oakland, California. Available at: http://calfish.ucdavis.edu/location/?ds=697&reportnumber=1294&catcol=4703&categorysearch=El%20Dorado. Accessed June 2021.

APPENDIX D – U.S. FISH AND WILDLIFE SERVICE

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United States Department of the Interior

FISH AND WILDLIFE SERVICE
Sacramento Fish And Wildlife Office
Federal Building
2800 Cottage Way, Room W-2605
Sacramento, CA 95825-1846
Phone: (916) 414-6600 Fax: (916) 414-6713

In Reply Refer To:
Project Code: 2022-0006375
Project Name: El Dorado County Routine Maintenance Agreement

February 10, 2022

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)

(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF

Migratory Birds: In addition to responsibilities to protect threatened and endangered species under the Endangered Species Act (ESA), there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity, intentional or unintentional, resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish and Wildlife Service (50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)). For more information regarding these Acts see https://www.fws.gov/birds/policies-and-regulations.php.

The MBTA has no provision for allowing take of migratory birds that may be unintentionally killed or injured by otherwise lawful activities. It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a federal nexus) or a Bird/Eagle Conservation Plan (when there is no federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures see https://www.fws.gov/birds/bird-enthusiasts/threats-to-birds.php.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 provides for the protection of both migratory birds and migratory bird habitat. For information regarding the implementation of Executive Order 13186, please visit https://www.fws.gov/birds/policies-and-regulations/executive-orders/e0-13186.php.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Code in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Note: IPaC has provided all available attachments because this project is in multiple field office jurisdictions.

Attachment(s):

- Official Species List
- USFWS National Wildlife Refuges and Fish Hatcheries
- Migratory Birds
- Wetlands

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Sacramento Fish And Wildlife Office
Federal Building
2800 Cottage Way, Room W-2605
Sacramento, CA 95825-1846
(916) 414-6600

This project's location is within the jurisdiction of multiple offices. However, only one species list document will be provided for all offices. The species and critical habitats in this document reflect the aggregation of those that fall in each of the affiliated office's jurisdiction. Other offices affiliated with the project:

Reno Fish And Wildlife Office
1340 Financial Boulevard, Suite 234
Reno, NV 89502-7147
(775) 861-6300

Project Summary

Project Code: 2022-0006375
Event Code: None
Project Name: El Dorado County Routine Maintenance Agreement
Project Type: Road/Hwy - Maintenance/Modification
Project Description: Approximately 12 year agreement to verify streambed alteration activities associated with routine maintenance associated with roads maintained by El Dorado County. No capital improvements included.

Project Location:

Approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@38.784409,-120.52714859984486,14z

Counties: El Dorado County, California

Endangered Species Act Species

There is a total of 21 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries[1], as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

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1. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Birds

NAME	STATUS
Yellow-billed Cuckoo *Coccyzus americanus* Population: Western U.S. DPS There is **final** critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/3911	Threatened

Reptiles

NAME	STATUS
Giant Garter Snake *Thamnophis gigas* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/4482	Threatened

Amphibians

NAME	STATUS
California Red-legged Frog *Rana draytonii* There is **final** critical habitat for this species. Your location overlaps the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/2891	Threatened
California Tiger Salamander *Ambystoma californiense* Population: U.S.A. (Central CA DPS) There is **final** critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/2076	Threatened
Sierra Nevada Yellow-legged Frog *Rana sierrae* There is **final** critical habitat for this species. Your location overlaps the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/9529	Endangered
Yosemite Toad *Anaxyrus canorus* There is **final** critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/7255	Threatened

Fishes

NAME	STATUS
Cui-ui *Chasmistes cujus* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/456	Endangered
Delta Smelt *Hypomesus transpacificus* There is **final** critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/321	Threatened
Lahontan Cutthroat Trout *Oncorhynchus clarkii henshawi* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/3964	Threatened

Insects

NAME	STATUS
Monarch Butterfly *Danaus plexippus* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9743	Candidate
Valley Elderberry Longhorn Beetle *Desmocerus californicus dimorphus* There is **final** critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/7850	Threatened

Crustaceans

NAME	STATUS
Conservancy Fairy Shrimp *Branchinecta conservatio* There is **final** critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/8246	Endangered
Vernal Pool Fairy Shrimp *Branchinecta lynchi* There is **final** critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/498	Threatened
Vernal Pool Tadpole Shrimp *Lepidurus packardi* There is **final** critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/2246	Endangered

Flowering Plants

NAME	STATUS
El Dorado Bedstraw *Galium californicum ssp. sierrae* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/5209	Endangered
Layne's Butterweed *Senecio layneae* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/4062	Threatened
Pine Hill Ceanothus *Ceanothus roderickii* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/3293	Endangered
Pine Hill Flannelbush *Fremontodendron californicum ssp. decumbens* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/4818	Endangered
Sacramento Orcutt Grass *Orcuttia viscida* There is **final** critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/5507	Endangered
Stebbins' Morning-glory *Calystegia stebbinsii* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/3991	Endangered

Conifers and Cycads

NAME	STATUS
Whitebark Pine *Pinus albicaulis* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/1748	Proposed Threatened

Critical habitats

There are 2 critical habitats wholly or partially within your project area under this office's jurisdiction.

NAME	STATUS
California Red-legged Frog *Rana draytonii* https://ecos.fws.gov/ecp/species/2891#crithab	Final
Sierra Nevada Yellow-legged Frog *Rana sierrae* https://ecos.fws.gov/ecp/species/9529#crithab	Final

USFWS National Wildlife Refuge Lands And Fish Hatcheries

Any activity proposed on lands managed by the National Wildlife Refuge system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS OR FISH HATCHERIES WITHIN YOUR PROJECT AREA.

Migratory Birds

Certain birds are protected under the Migratory Bird Treaty Act[1] and the Bald and Golden Eagle Protection Act[2].

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described below.

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1. The Migratory Birds Treaty Act of 1918.
2. The Bald and Golden Eagle Protection Act of 1940.
3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

The birds listed below are birds of particular concern either because they occur on the USFWS Birds of Conservation Concern (BCC) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ below. This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the E-bird data mapping tool (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found below.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON
Bald Eagle *Haliaeetus leucocephalus* This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. https://ecos.fws.gov/ecp/species/1626	Breeds Jan 1 to Aug 31
Black Swift *Cypseloides niger* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/8878	Breeds Jun 15 to Sep 10

NAME	BREEDING SEASON
Black Tern *Chlidonias niger* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/3093	Breeds May 15 to Aug 20
Black-chinned Sparrow *Spizella atrogularis* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9447	Breeds Apr 15 to Jul 31
Black-throated Gray Warbler *Dendroica nigrescens* This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA	Breeds May 1 to Jul 20
California Spotted Owl *Strix occidentalis occidentalis* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/7266	Breeds Mar 10 to Jun 15
California Thrasher *Toxostoma redivivum* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Jan 1 to Jul 31
Cassin's Finch *Carpodacus cassinii* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9462	Breeds May 15 to Jul 15
Clark's Grebe *Aechmophorus clarkii* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Jun 1 to Aug 31
Common Yellowthroat *Geothlypis trichas sinuosa* This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/2084	Breeds May 20 to Jul 31
Evening Grosbeak *Coccothraustes vespertinus* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 15 to Aug 10
Golden Eagle *Aquila chrysaetos* This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. https://ecos.fws.gov/ecp/species/1680	Breeds Jan 1 to Aug 31
Lawrence's Goldfinch *Carduelis lawrencei* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9464	Breeds Mar 20 to Sep 20

NAME	BREEDING SEASON
Lewis's Woodpecker *Melanerpes lewis* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9408	Breeds Apr 20 to Sep 30
Long-eared Owl *asio otus* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/3631	Breeds Mar 1 to Jul 15
Marbled Godwit *Limosa fedoa* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9481	Breeds elsewhere
Nuttall's Woodpecker *Picoides nuttallii* This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/9410	Breeds Apr 1 to Jul 20
Oak Titmouse *Baeolophus inornatus* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9656	Breeds Mar 15 to Jul 15
Olive-sided Flycatcher *Contopus cooperi* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/3914	Breeds May 20 to Aug 31
Pinyon Jay *Gymnorhinus cyanocephalus* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9420	Breeds Feb 15 to Jul 15
Short-billed Dowitcher *Limnodromus griseus* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9480	Breeds elsewhere
Tricolored Blackbird *Agelaius tricolor* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/3910	Breeds Mar 15 to Aug 10
Willet *Tringa semipalmata* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Apr 20 to Aug 5

NAME	BREEDING SEASON
Wrentit *Chamaea fasciata* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Mar 15 to Aug 10
Yellow-billed Magpie *Pica nuttalli* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9726	Breeds Apr 1 to Jul 31

Probability Of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

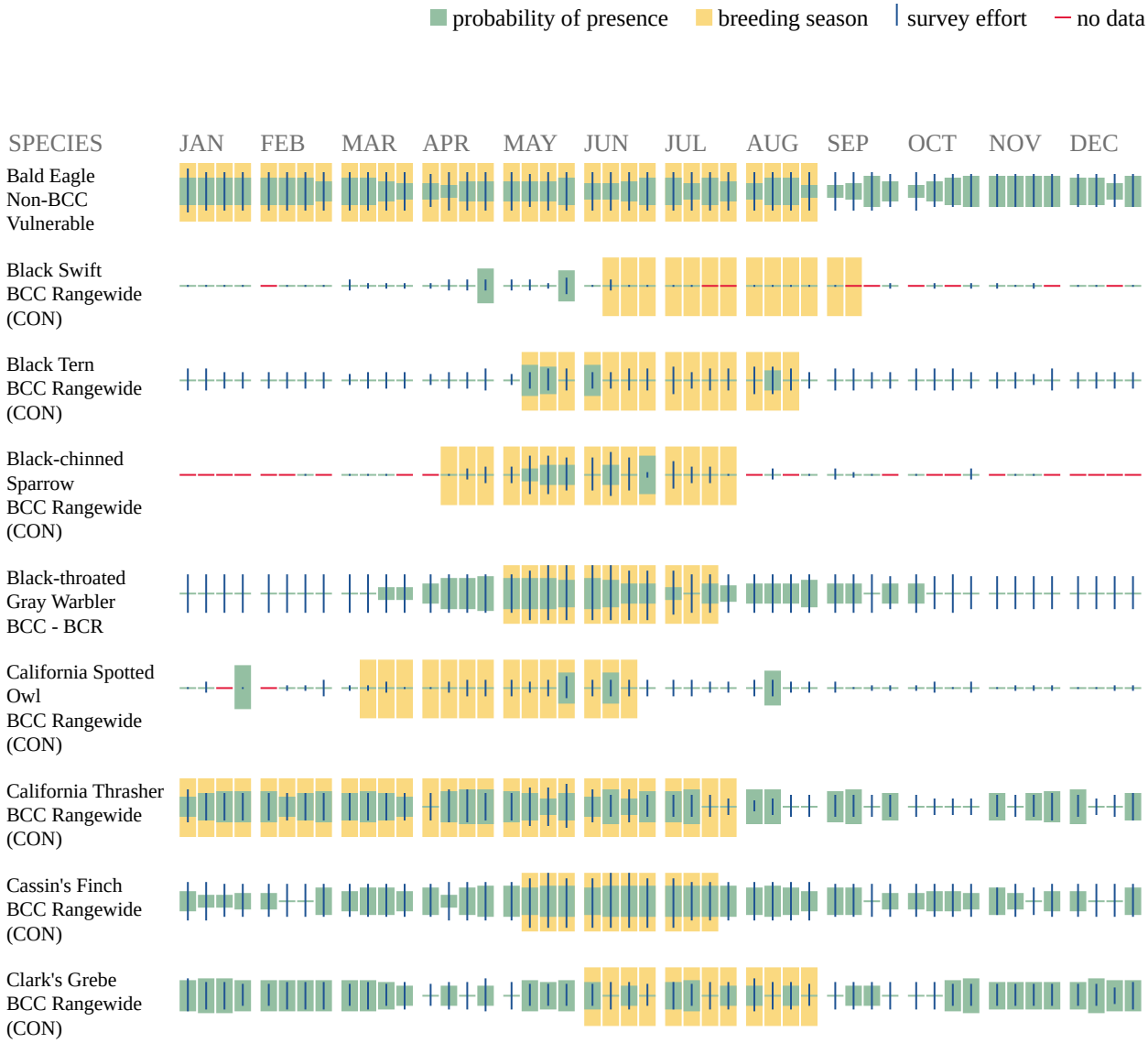
Breeding Season (■)

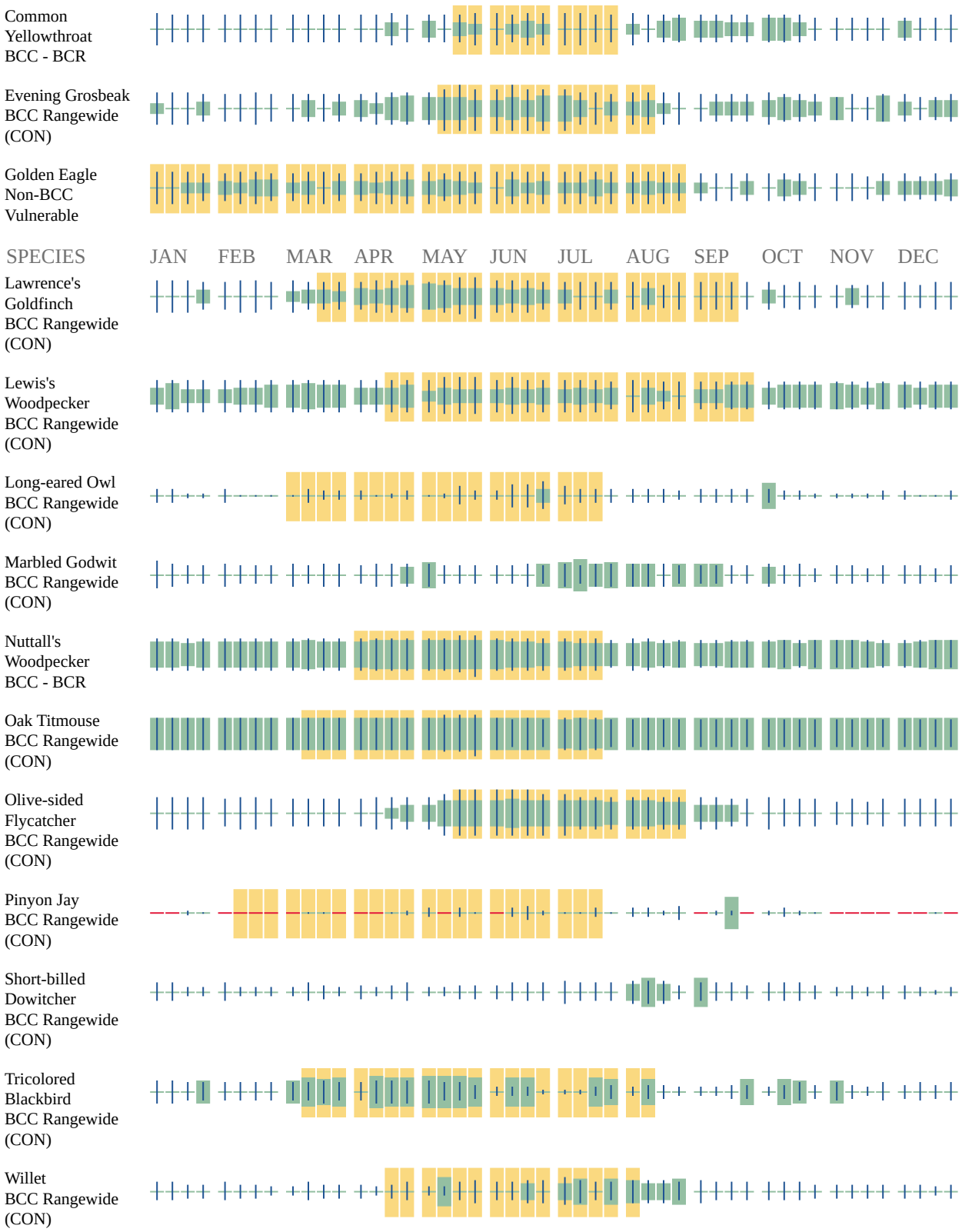
Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

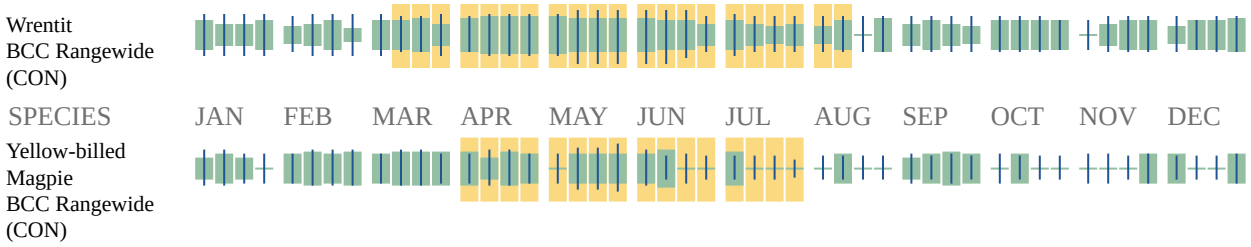
Survey Effort (|)
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

No Data (–)
A week is marked as having no data if there were no survey events for that week.

Survey Timeframe
Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.




Common Yellowthroat BCC - BCR
Evening Grosbeak BCC Rangewide (CON)
Golden Eagle Non-BCC Vulnerable
SPECIES
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
Lawrence's Goldfinch BCC Rangewide (CON)
Lewis's Woodpecker BCC Rangewide (CON)
Long-eared Owl BCC Rangewide (CON)
Marbled Godwit BCC Rangewide (CON)
Nuttall's Woodpecker BCC - BCR
Oak Titmouse BCC Rangewide (CON)
Olive-sided Flycatcher BCC Rangewide (CON)
Pinyon Jay BCC Rangewide (CON)
Short-billed Dowitcher BCC Rangewide (CON)
Tricolored Blackbird BCC Rangewide (CON)
Willet BCC Rangewide (CON)



Additional information can be found using the following links:

- Birds of Conservation Concern http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php
- Measures for avoiding and minimizing impacts to birds http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/conservation-measures.php
- Nationwide conservation measures for birds http://www.fws.gov/migratorybirds/pdf/management/nationwidestandardconservationmeasures.pdf

Migratory Birds FAQ

Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

Nationwide Conservation Measures describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. Additional measures or permits may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the migratory birds potentially occurring in my specified location?

The Migratory Bird Resource List is comprised of USFWS Birds of Conservation Concern (BCC) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle (Eagle Act requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the AKN Phenology Tool.

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?
The probability of presence graphs associated with your migratory bird list are based on data provided by the Avian Knowledge Network (AKN). This data is derived from a growing collection of survey, banding, and citizen science datasets .

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering, migrating or present year-round in my project area?
To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may refer to the following resources: The Cornell Lab of Ornithology All About Birds Bird Guide, or (if you are unsuccessful in locating the bird of interest there), the Cornell Lab of Ornithology Neotropical Birds guide. If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?
Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are Birds of Conservation Concern (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the Eagle Act requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects
For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the Northeast Ocean Data Portal. The Portal also offers data and information about other taxa besides

birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the Diving Bird Study and the nanotag studies or contact Caleb Spiegel or Pam Loring.

What if I have eagles on my list?
If your project has the potential to disturb or kill eagles, you may need to obtain a permit to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report
The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

Wetlands

Impacts to NWI wetlands and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local U.S. Army Corps of Engineers District.

Please note that the NWI data being shown may be out of date. We are currently working to update our NWI data set. We recommend you verify these results with a site visit to determine the actual extent of wetlands on site.

WETLAND INFORMATION WAS NOT AVAILABLE WHEN THIS SPECIES LIST WAS GENERATED. PLEASE VISIT HTTPS://WWW.FWS.GOV/WETLANDS/DATA/MAPPER.HTML OR CONTACT THE FIELD OFFICE FOR FURTHER INFORMATION.

IPaC User Contact Information

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State: NV
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APPENDIX E – SUMMARY TABLE REPORT CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE CALIFORNIA NATURAL DIVERSITY DATABASE

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Summary Table Report

California Department of Fish and Wildlife

California Natural Diversity Database

Query Criteria: County IS (El Dorado)

Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks						Population Status		Presence		
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.	Extirp.
Accipiter gentilis northern goshawk	G5 S3	None None	BLM_S-Sensitive CDF_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern USFS_S-Sensitive	2,600 6,500	433 S:9	0	4	0	0	0	5	8	1	9	0	0
Accipiter striatus sharp-shinned hawk	G5 S4	None None	CDFW_WL-Watch List IUCN_LC-Least Concern	5,000 6,280	22 S:2	0	0	1	0	0	1	0	2	2	0	0
Agelaius tricolor tricolored blackbird	G1G2 S1S2	None Threatened	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_EN-Endangered NABCI_RWL-Red Watch List USFWS_BCC-Birds of Conservation Concern	185 1,664	955 S:7	0	0	1	0	1	5	3	4	6	0	1
Allium jepsonii Jepson's onion	G2 S2	None None	Rare Plant Rank - 1B.2 BLM_S-Sensitive USFS_S-Sensitive	1,175 1,200	26 S:2	1	0	0	0	0	1	0	2	2	0	0
Allium tribracteatum three-bracted onion	G2 S2	None None	Rare Plant Rank - 1B.2 USFS_S-Sensitive		35 S:1	0	0	0	0	0	1	1	0	1	0	0
Ambystoma macrodactylum sigillatum southern long-toed salamander	G5T4 S3	None None	CDFW_SSC-Species of Special Concern	5,400 9,025	611 S:87	0	0	0	0	0	87	22	65	87	0	0
Ammonitella yatesii tight coin (=Yates' snail)	G1 S1	None None	IUCN_VU-Vulnerable	1,360 1,360	6 S:1	0	0	0	0	0	1	1	0	1	0	0
Andrena blennospermatis Blennosperma vernal pool andrenid bee	G2 S2	None None		1,235 1,235	15 S:1	0	0	0	0	0	1	1	0	1	0	0
Andrena subapasta An andrenid bee	G1G2 S1S2	None None		1,325 1,525	5 S:2	0	0	0	0	0	2	2	0	2	0	0

Summary Table Report

California Department of Fish and Wildlife

California Natural Diversity Database

Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks						Population Status		Presence		
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.	Extirp.
Antrozous pallidus pallid bat	G4 S3	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern USFS_S-Sensitive WBWG_H-High Priority	726 6,960	420 S:4	1	0	2	0	0	1	3	1	4	0	0
Aplodontia rufa californica Sierra Nevada mountain beaver	G5T3T4 S2S3	None None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	4,700 7,400	131 S:47	1	43	0	0	0	3	7	40	47	0	0
Aquila chrysaetos golden eagle	G5 S3	None None	BLM_S-Sensitive CDF_S-Sensitive CDFW_FP-Fully Protected CDFW_WL-Watch List IUCN_LC-Least Concern USFWS_BCC-Birds of Conservation Concern	775 6,800	324 S:3	0	2	0	0	0	1	1	2	3	0	0
Arabis rigidissima var. demota Galena Creek rockcress	G3T3Q S1	None None	Rare Plant Rank - 1B.2 USFS_S-Sensitive	8,800 9,200	7 S:2	0	0	2	0	0	0	0	2	2	0	0
Arctostaphylos nissenana Nissenan manzanita	G1 S1	None None	Rare Plant Rank - 1B.2 BLM_S-Sensitive USFS_S-Sensitive	1,600 3,300	13 S:12	1	0	2	1	1	7	6	6	11	1	0
Ardea alba great egret	G5 S4	None None	CDF_S-Sensitive IUCN_LC-Least Concern	1,513 1,513	43 S:1	0	1	0	0	0	0	0	1	1	0	0
Ardea herodias great blue heron	G5 S4	None None	CDF_S-Sensitive IUCN_LC-Least Concern	800 800	156 S:1	0	1	0	0	0	0	0	1	1	0	0
Asio otus long-eared owl	G5 S3?	None None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	6,320 6,320	56 S:1	0	0	0	0	0	1	0	1	1	0	0
Astragalus austiniae Austin's astragalus	G2G3 S2S3	None None	Rare Plant Rank - 1B.3	7,700 9,500	12 S:6	0	1	0	0	0	5	2	4	6	0	0
Atractelmis wawona Wawona riffle beetle	G3 S1S2	None None		2,187 6,681	80 S:3	0	0	0	0	0	3	2	1	3	0	0

Summary Table Report

California Department of Fish and Wildlife

California Natural Diversity Database

Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks						Population Status		Presence		
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.	Extirp.
Balsamorhiza macrolepis big-scale balsamroot	G2 S2	None None	Rare Plant Rank - 1B.2 BLM_S-Sensitive USFS_S-Sensitive	600 600	51 S:1	0	0	0	0	1	0	1	0	0	1	0
Banksula californica Alabaster Cave harvestman	GH SH	None None		650 650	1 S:1	0	0	0	0	1	0	1	0	0	1	0
Boechera tularensis Tulare rockcress	G3 S3	None None	Rare Plant Rank - 1B.3 USFS_S-Sensitive		37 S:1	0	0	0	0	0	1	1	0	1	0	0
Bombus caliginosus obscure bumble bee	G4? S1S2	None None	IUCN_VU-Vulnerable	4,100 4,100	181 S:1	0	0	0	0	0	1	1	0	1	0	0
Bombus morrisoni Morrison bumble bee	G4G5 S1S2	None None	IUCN_VU-Vulnerable	1,300 1,300	86 S:1	0	0	0	0	0	1	1	0	1	0	0
Bombus occidentalis western bumble bee	G2G3 S1	None Candidate Endangered	USFS_S-Sensitive	1,200 9,000	306 S:10	0	0	0	0	0	10	9	1	10	0	0
Botrychium ascendens upswept moonwort	G3G4 S2	None None	Rare Plant Rank - 2B.3 USFS_S-Sensitive	5,200 6,900	53 S:6	1	3	1	0	0	1	1	5	6	0	0
Botrychium crenulatum scalloped moonwort	G4 S3	None None	Rare Plant Rank - 2B.2 USFS_S-Sensitive	4,870 7,429	155 S:24	2	2	4	1	0	15	0	24	24	0	0
Botrychium minganense Mingan moonwort	G4G5 S3	None None	Rare Plant Rank - 2B.2 USFS_S-Sensitive	5,200 7,100	161 S:33	1	5	3	0	0	24	0	33	33	0	0
Botrychium montanum western goblin	G3 S2	None None	Rare Plant Rank - 2B.1 USFS_S-Sensitive	5,236 6,870	69 S:10	0	1	1	2	0	6	0	10	10	0	0
Branchinecta lynchi vernal pool fairy shrimp	G3 S3	Threatened None	IUCN_VU-Vulnerable	400 400	795 S:1	0	0	0	0	0	1	1	0	1	0	0
Brasenia schreberi watershield	G5 S3	None None	Rare Plant Rank - 2B.3 IUCN_LC-Least Concern	6,240 7,150	43 S:2	1	0	0	0	0	1	0	2	2	0	0
Bruchia bolanderi Bolander's bruchia	G3G4 S3	None None	Rare Plant Rank - 4.2 USFS_S-Sensitive	7,800 7,800	28 S:1	0	1	0	0	0	0	0	1	1	0	0
Calochortus clavatus var. avius Pleasant Valley mariposa-lily	G4T2 S2	None None	Rare Plant Rank - 1B.2 USFS_S-Sensitive	2,800 5,600	131 S:118	6	31	17	4	0	60	54	64	118	0	0

Summary Table Report

California Department of Fish and Wildlife

California Natural Diversity Database

Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks						Population Status		Presence		
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.	Extirp.
Calystegia stebbinsii Stebbins' morning-glory	G1 S1	Endangered Endangered	Rare Plant Rank - 1B.1 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden	1,000 1,500	15 S:8	1	1	4	0	2	0	3	5	6	1	1
Calystegia vanzuukiae Van Zuuk's morning-glory	G2Q S2	None None	Rare Plant Rank - 1B.3 BLM_S-Sensitive	2,300 3,130	13 S:5	2	1	0	1	0	1	0	5	5	0	0
Campylopodiella stenocarpa flagella-like atractylocarpus	G5 S1?	None None	Rare Plant Rank - 2B.2	1,940 1,940	6 S:1	0	0	0	0	0	1	1	0	1	0	0
Capnia lacustra Lake Tahoe benthic stonefly	G1 S1	None None		6,226 6,226	1 S:1	0	0	0	0	0	1	1	0	1	0	0
Carex cyrtostachya Sierra arching sedge	G2 S2	None None	Rare Plant Rank - 1B.2	2,240 5,585	28 S:15	0	6	4	0	0	5	2	13	15	0	0
Carex davyi Davy's sedge	G3 S3	None None	Rare Plant Rank - 1B.3	6,300 8,800	34 S:3	0	0	0	0	0	3	3	0	3	0	0
Carex hystericina porcupine sedge	G5 S2	None None	Rare Plant Rank - 2B.1	7,872 7,872	4 S:1	0	0	0	0	0	1	1	0	1	0	0
Carex limosa mud sedge	G5 S3	None None	Rare Plant Rank - 2B.2 IUCN_LC-Least Concern	6,102 8,400	40 S:8	1	3	0	0	0	4	2	6	8	0	0
Carex xerophila chaparral sedge	G2 S2	None None	Rare Plant Rank - 1B.2 BLM_S-Sensitive	915 2,000	15 S:7	3	3	0	0	0	1	1	6	7	0	0
Catostomus platyrhynchus mountain sucker	G5 S3	None None	CDFW_SSC-Species of Special Concern	6,230 6,248	22 S:3	0	0	0	0	0	3	0	3	3	0	0
Ceanothus roderickii Pine Hill ceanothus	G1 S1	Endangered Rare	Rare Plant Rank - 1B.1 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden SB_SBBG-Santa Barbara Botanic Garden	860 2,000	9 S:9	1	2	2	0	0	4	3	6	9	0	0
Central Valley Drainage Hardhead/Squawfish Stream Central Valley Drainage Hardhead/Squawfish Stream	GNR SNR	None None		800 800	11 S:1	0	0	1	0	0	0	1	0	1	0	0

Summary Table Report

California Department of Fish and Wildlife

California Natural Diversity Database

Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks						Population Status		Presence		
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Central Valley Drainage Resident Rainbow Trout Stream Central Valley Drainage Resident Rainbow Trout Stream	GNR SNR	None None		3,206 4,200	5 S:3	0	3	0	0	0	0	3	0	3	0	0
Central Valley Drainage Spring Stream Central Valley Drainage Spring Stream	GNR SNR	None None		4,600 5,550	2 S:2	1	1	0	0	0	0	2	0	2	0	0
Chaenactis douglasii var. alpina alpine dusty maidens	G5T5 S2	None None	Rare Plant Rank - 2B.3	7,750 10,700	12 S:5	0	1	2	0	0	2	0	5	5	0	0
Chlorogalum grandiflorum Red Hills soaproot	G3 S3	None None	Rare Plant Rank - 1B.2 BLM_S-Sensitive	1,000 5,270	137 S:88	5	25	13	5	0	40	4	84	88	0	0
Clarkia biloba ssp. brandegeeae Brandegee's clarkia	G4G5T4 S4	None None	Rare Plant Rank - 4.2 SB_UCSC-UC Santa Cruz	560 2,400	89 S:19	2	9	3	0	0	5	3	16	19	0	0
Claytonia megarhiza fell-fields claytonia	G5 S2	None None	Rare Plant Rank - 2B.3	9,000 9,650	24 S:3	1	1	0	0	0	1	1	2	3	0	0
Corynorhinus townsendii Townsend's big-eared bat	G4 S2	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern USFS_S-Sensitive WBWG_H-High Priority	1,210 3,195	635 S:2	0	0	0	0	0	2	1	1	2	0	0
Cosumnoperla hypocrena Cosumnes stripetail	G2 S2	None None		917 4,820	15 S:15	0	0	0	0	0	15	12	3	15	0	0
Crocanthemum suffrutescens Bisbee Peak rush-rose	G2?Q S2?	None None	Rare Plant Rank - 3.2	600 1,800	31 S:16	2	5	4	1	0	4	9	7	16	0	0
Desmocerus californicus dimorphus valley elderberry longhorn beetle	G3T2 S3	Threatened None		760 840	271 S:2	0	0	1	1	0	0	2	0	2	0	0
Desmona bethula amphibious caddisfly	G2G3 S2S3	None None		6,793 6,793	17 S:1	0	0	0	0	0	1	0	1	1	0	0
Diplacus pulchellus yellow-lip pansy monkeyflower	G2 S2	None None	Rare Plant Rank - 1B.2 BLM_S-Sensitive USFS_S-Sensitive	4,178 4,178	78 S:1	0	0	0	0	0	1	0	1	1	0	0
Draba asterophora var. asterophora Tahoe draba	G2T2? S2?	None None	Rare Plant Rank - 1B.2 USFS_S-Sensitive	9,100 10,500	11 S:6	0	6	0	0	0	0	0	6	6	0	0

Summary Table Report

California Department of Fish and Wildlife

California Natural Diversity Database

Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks						Population Status		Presence		
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Draba asterophora var. macrocarpa Cup Lake draba	G2T1 S1	None None	Rare Plant Rank - 1B.1 USFS_S-Sensitive	8,550 9,000	4 S:4	1	2	0	0	0	1	1	3	4	0	0
Ecclisomyia bilera Kings Creek ecclysomyian caddisfly	G1G2 S1S2	None None		7,389 7,389	4 S:1	0	0	0	0	0	1	0	1	1	0	0
Elanus leucurus white-tailed kite	G5 S3S4	None None	BLM_S-Sensitive CDFW_FP-Fully Protected IUCN_LC-Least Concern	585 585	180 S:1	0	1	0	0	0	0	0	1	1	0	0
Elodium blandowii Blandow's bog moss	G4 S2	None None	Rare Plant Rank - 2B.3 USFS_S-Sensitive	7,600 8,580	16 S:3	2	1	0	0	0	0	0	3	3	0	0
Empidonax traillii willow flycatcher	G5 S1S2	None Endangered	IUCN_LC-Least Concern USFS_S-Sensitive USFWS_BCC-Birds of Conservation Concern	6,250 7,500	90 S:5	2	0	0	0	0	3	3	2	5	0	0
Emys marmorata western pond turtle	G3G4 S3	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_VU-Vulnerable USFS_S-Sensitive	442 3,200	1398 S:12	2	5	1	0	0	4	5	7	12	0	0
Epilobium howellii subalpine fireweed	G4 S4	None None	Rare Plant Rank - 4.3	7,640 8,350	99 S:6	1	3	0	0	0	2	0	6	6	0	0
Epilobium palustre marsh willowherb	G5 S2	None None	Rare Plant Rank - 2B.3 IUCN_LC-Least Concern	7,700 7,700	5 S:1	0	0	0	0	0	1	0	1	1	0	0
Erethizon dorsatum North American porcupine	G5 S3	None None	IUCN_LC-Least Concern	399 9,612	523 S:60	0	0	0	0	0	60	7	53	60	0	0
Erigeron miser starved daisy	G3? S3?	None None	Rare Plant Rank - 1B.3 USFS_S-Sensitive		34 S:1	0	0	0	0	0	1	1	0	1	0	0
Falco peregrinus anatum American peregrine falcon	G4T4 S3S4	Delisted Delisted	CDF_S-Sensitive CDFW_FP-Fully Protected USFWS_BCC-Birds of Conservation Concern	1,161 1,161	58 S:1	0	1	0	0	0	0	0	1	1	0	0
Fen Fen	G2 S1.2	None None		6,240 6,240	6 S:1	0	0	0	0	0	1	1	0	1	0	0

Summary Table Report

California Department of Fish and Wildlife

California Natural Diversity Database

Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks						Population Status		Presence		
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Fremontodendron decumbens Pine Hill flannelbush	G1 S1	Endangered Rare	Rare Plant Rank - 1B.2 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden SB_UCBG-UC Botanical Garden at Berkeley	1,400 1,800	12 S:7	1	1	1	0	0	4	4	3	7	0	0
Fritillaria eastwoodiae Butte County fritillary	G3Q S3	None None	Rare Plant Rank - 3.2 USFS_S-Sensitive	900 1,500	235 S:2	0	0	0	0	0	2	2	0	2	0	0
Galium californicum ssp. sierrae El Dorado bedstraw	G5T1 S1	Endangered Rare	Rare Plant Rank - 1B.2 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden SB_UCBG-UC Botanical Garden at Berkeley	440 1,945	17 S:17	4	8	0	1	0	4	4	13	17	0	0
Glyceria grandis American manna grass	G5 S3	None None	Rare Plant Rank - 2B.3	6,700 6,700	10 S:1	0	0	0	0	0	1	1	0	1	0	0
Gulo gulo California wolverine	G4 S1	None Threatened	CDFW_FP-Fully Protected IUCN_NT-Near Threatened USFS_S-Sensitive	5,500 8,100	174 S:4	0	1	0	0	0	3	4	0	4	0	0
Haliaeetus leucocephalus bald eagle	G5 S3	Delisted Endangered	BLM_S-Sensitive CDF_S-Sensitive CDFW_FP-Fully Protected IUCN_LC-Least Concern USFS_S-Sensitive USFWS_BCC-Birds of Conservation Concern	475 6,240	329 S:7	0	5	1	0	0	1	2	5	7	0	0
Helisoma newberryi Great Basin rams-horn	G1 S1S2	None None	USFS_S-Sensitive	6,226 6,226	9 S:1	0	0	0	0	0	1	1	0	1	0	0
Horkelia parryi Parry's horkelia	G2 S2	None None	Rare Plant Rank - 1B.2 BLM_S-Sensitive USFS_S-Sensitive	1,860 3,400	44 S:16	0	8	1	1	0	6	2	14	16	0	0
Hydromantes platycephalus Mount Lyell salamander	G4 S4	None None	CDFW_WL-Watch List IUCN_LC-Least Concern	8,700 8,700	47 S:1	0	0	0	0	0	1	0	1	1	0	0

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Lasionycteris noctivagans silver-haired bat	G3G4 S3S4	None None	IUCN_LC-Least Concern WBWG_M-Medium Priority	1,000 4,030	139 S:5	1	0	0	0	0	4	4	1	5	0	0
Lasiurus cinereus hoary bat	G3G4 S4	None None	IUCN_LC-Least Concern WBWG_M-Medium Priority		238 S:1	0	0	0	0	0	1	1	0	1	0	0
Laterallus jamaicensis coturniculus California black rail	G3G4T1 S1	None Threatened	BLM_S-Sensitive CDFW_FP-Fully Protected IUCN_NT-Near Threatened NABCI_RWL-Red Watch List USFWS_BCC-Birds of Conservation Concern	550 550	303 S:1	0	0	0	0	0	1	0	1	1	0	0
Lathyrus sulphureus var. argillaceus dubious pea	G5T1T2Q S1S2	None None	Rare Plant Rank - 3		7 S:1	0	0	0	0	0	1	1	0	1	0	0
Lepus americanus tahoensis Sierra Nevada snowshoe hare	G5T3T4Q S2	None None	CDFW_SSC-Species of Special Concern	6,200 7,500	15 S:2	0	0	0	0	0	2	2	0	2	0	0
Lewisia longipetala long-petaled lewisia	G2 S2	None None	Rare Plant Rank - 1B.3 USFS_S-Sensitive	8,400 9,400	14 S:9	3	4	2	0	0	0	4	5	9	0	0
Lewisia serrata saw-toothed lewisia	G2 S2	None None	Rare Plant Rank - 1B.1 USFS_S-Sensitive	3,300 4,700	11 S:4	1	1	0	0	0	2	1	3	4	0	0
Lithobates pipiens northern leopard frog	G5 S2	None None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	6,200 6,377	19 S:4	0	0	0	0	0	4	4	0	4	0	0
Margaritifera falcata western pearlshell	G4G5 S1S2	None None		4,750 4,750	78 S:1	0	0	0	0	0	1	0	1	1	0	0
Martes caurina sierrae Sierra marten	G4G5T3 S3	None None	USFS_S-Sensitive	6,200 9,200	149 S:13	1	3	3	0	0	6	11	2	13	0	0
Meesia triquetra three-ranked hump moss	G5 S4	None None	Rare Plant Rank - 4.2	7,700 7,700	19 S:2	1	1	0	0	0	0	0	2	2	0	0
Meesia uliginosa broad-nerved hump moss	G5 S3	None None	Rare Plant Rank - 2B.2 USFS_S-Sensitive	6,320 6,335	52 S:3	0	1	2	0	0	0	0	3	3	0	0

Summary Table Report

California Department of Fish and Wildlife

California Natural Diversity Database

Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks						Population Status		Presence		
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Monadenia mormonum buttoni Button's Sierra sideband	G2T1 S1S2	None None		3,400 3,400	5 S:1	0	0	0	0	0	1	1	0	1	0	0
Myotis thysanodes fringed myotis	G4 S3	None None	BLM_S-Sensitive IUCN_LC-Least Concern USFS_S-Sensitive WBWG_H-High Priority	3,600 8,800	86 S:7	3	2	2	0	0	0	4	3	7	0	0
Myotis volans long-legged myotis	G4G5 S3	None None	IUCN_LC-Least Concern WBWG_H-High Priority	3,480 8,500	117 S:6	2	3	0	0	0	1	4	2	6	0	0
Myotis yumanensis Yuma myotis	G5 S4	None None	BLM_S-Sensitive IUCN_LC-Least Concern WBWG_LM-Low-Medium Priority	993 4,450	265 S:5	0	4	0	0	0	1	0	5	5	0	0
Nebria darlingtoni South Forks ground beetle	G1 S1	None None		3,100 4,700	5 S:5	0	0	0	0	0	5	5	0	5	0	0
Ochotona princeps schisticeps gray-headed pika	G5T4 S2S4	None None	IUCN_NT-Near Threatened	6,987 9,726	332 S:13	0	1	0	0	0	12	10	3	13	0	0
Oncorhynchus clarkii henshawi Lahontan cutthroat trout	G5T3 S1	Threatened None	AFS_TH-Threatened	6,280 8,400	27 S:2	0	0	1	0	1	0	2	0	1	0	1
Oncorhynchus mykiss irideus pop. 11 steelhead - Central Valley DPS	G5T2Q S2	Threatened None	AFS_TH-Threatened		31 S:1	0	0	0	0	0	1	0	1	1	0	0
Ophioglossum pusillum northern adder's-tongue	G5 S1	None None	Rare Plant Rank - 2B.2 USFS_S-Sensitive	6,235 6,235	5 S:1	0	0	1	0	0	0	0	1	1	0	0
Orobittacus obscurus gold rush hanging scorpionfly	G1 S1	None None		3,040 3,040	2 S:1	0	0	0	0	0	1	1	0	1	0	0

Summary Table Report

California Department of Fish and Wildlife

California Natural Diversity Database

Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks						Population Status		Presence		
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Packera layneae Layne's ragwort	G2 S2	Threatened Rare	Rare Plant Rank - 1B.2 SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden SB_UCBG-UC Botanical Garden at Berkeley SB_UCSC-UC Santa Cruz	680 3,000	48 S:37	2	13	6	2	2	12	15	22	35	2	0
Pandion haliaetus osprey	G5 S4	None None	CDF_S-Sensitive CDFW_WL-Watch List IUCN_LC-Least Concern	6,200 6,800	504 S:21	1	20	0	0	0	0	9	12	21	0	0
Pekania pennanti Fisher	G5 S2S3	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern USFS_S-Sensitive	2,000 6,500	555 S:4	0	0	0	0	0	4	4	0	4	0	0
Peltigera gowardii western waterfan lichen	G4? S3	None None	Rare Plant Rank - 4.2 USFS_S-Sensitive	5,200 7,800	26 S:5	0	2	1	0	0	2	0	5	5	0	0
Phacelia stebbinsii Stebbins' phacelia	G3 S3	None None	Rare Plant Rank - 1B.2 USFS_S-Sensitive	2,000 6,760	79 S:23	0	12	1	0	0	10	10	13	23	0	0
Phrynosoma blainvillii coast horned lizard	G3G4 S3S4	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	1,400 1,880	784 S:4	0	0	2	0	0	2	1	3	4	0	0
Picoides arcticus black-backed woodpecker	G5 S2	None None		6,550 8,000	62 S:4	0	0	0	2	0	2	0	4	4	0	0
Poa sierrae Sierra blue grass	G3 S3	None None	Rare Plant Rank - 1B.3 BLM_S-Sensitive USFS_S-Sensitive	3,300 4,560	88 S:7	0	2	1	0	0	4	0	7	7	0	0
Potamogeton epihydrus Nuttall's ribbon-leaved pondweed	G5 S2S3	None None	Rare Plant Rank - 2B.2 IUCN_LC-Least Concern	6,950 6,950	25 S:1	0	0	0	0	0	1	1	0	1	0	0
Potamogeton praelongus white-stemmed pondweed	G5 S2	None None	Rare Plant Rank - 2B.3 IUCN_LC-Least Concern	7,500 7,500	12 S:1	0	0	0	0	0	1	0	1	1	0	0
Potamogeton robbinsii Robbins' pondweed	G5 S3	None None	Rare Plant Rank - 2B.3 IUCN_LC-Least Concern	7,700 7,700	17 S:1	0	0	0	0	0	1	1	0	1	0	0

Summary Table Report

California Department of Fish and Wildlife

California Natural Diversity Database

Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks						Population Status		Presence		
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Prosopium williamsoni mountain whitefish	G5 S3	None None	CDFW_SSC-Species of Special Concern	6,226 6,400	23 S:5	0	0	0	0	0	5	1	4	5	0	0
Rana boylii foothill yellow-legged frog	G3 S3	None Endangered	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_NT-Near Threatened USFS_S-Sensitive	540 6,367	2476 S:54	5	8	4	0	10	27	26	28	44	1	9
Rana draytonii California red-legged frog	G2G3 S2S3	Threatened None	CDFW_SSC-Species of Special Concern IUCN_VU-Vulnerable	485 4,200	1664 S:6	0	2	2	0	0	2	1	5	6	0	0
Rana sierrae Sierra Nevada yellow-legged frog	G1 S1	Endangered Threatened	CDFW_WL-Watch List IUCN_EN-Endangered USFS_S-Sensitive	5,000 9,000	659 S:52	0	7	5	1	1	38	27	25	51	1	0
Rhyacophila spinata spiny rhyacophilan caddisfly	G1G2 S1S2	None None		4,000 4,000	5 S:1	0	0	0	0	0	1	1	0	1	0	0
Rhynchospora capitellata brownish beaked-rush	G5 S1	None None	Rare Plant Rank - 2B.2 IUCN_LC-Least Concern	2,500 4,458	25 S:3	0	0	0	0	0	3	2	1	3	0	0
Riparia riparia bank swallow	G5 S2	None Threatened	BLM_S-Sensitive IUCN_LC-Least Concern	2,000 6,240	298 S:2	0	0	0	0	0	2	2	0	2	0	0
Rorippa subumbellata Tahoe yellow cress	G1 S1	None Endangered	Rare Plant Rank - 1B.1 SB_BerrySB-Berry Seed Bank SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden USFS_S-Sensitive	6,225 7,900	31 S:20	0	7	3	0	2	8	2	18	18	1	1
Sacramento-San Joaquin Foothill/Valley Ephemeral Stream Sacramento-San Joaquin Foothill/Valley Ephemeral Stream	GNR SNR	None None		2,500 2,500	1 S:1	0	1	0	0	0	0	1	0	1	0	0
Sagittaria sanfordii Sanford's arrowhead	G3 S3	None None	Rare Plant Rank - 1B.2 BLM_S-Sensitive	427 427	126 S:1	0	1	0	0	0	0	0	1	1	0	0
Schoenoplectus subterminalis water bulrush	G4G5 S3	None None	Rare Plant Rank - 2B.3 IUCN_LC-Least Concern	7,500 7,700	32 S:2	0	0	0	0	0	2	2	0	2	0	0

Summary Table Report

California Department of Fish and Wildlife

California Natural Diversity Database

Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks						Population Status		Presence		
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Scutellaria galericulata marsh skullcap	G5 S2	None None	Rare Plant Rank - 2B.2	6,225 6,400	39 S:7	0	5	2	0	0	0	0	7	7	0	0
Siphateles bicolor pectinifer Lahontan Lake tui chub	G4T3 S1S2	None None	CDFW_SSC-Species of Special Concern	6,226 6,226	1 S:1	0	0	0	0	0	1	0	1	1	0	0
Spea hammondii western spadefoot	G2G3 S3	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_NT-Near Threatened	373 373	1422 S:1	0	0	0	0	0	1	0	1	1	0	0
Sphagnum Bog Sphagnum Bog	G3 S1.2	None None		4,480 7,720	12 S:3	1	0	0	1	0	1	3	0	3	0	0
Strix nebulosa great gray owl	G5 S1	None Endangered	CDF_S-Sensitive IUCN_LC-Least Concern USFS_S-Sensitive	2,540 4,094	79 S:5	4	0	0	0	0	1	0	5	5	0	0
Stuckenia filiformis ssp. alpina northern slender pondweed	G5T5 S2S3	None None	Rare Plant Rank - 2B.2		21 S:1	0	0	0	0	0	1	1	0	1	0	0
Stygobromus grahami Graham's Cave amphipod	G2 S2	None None		4,170 4,170	6 S:1	0	0	0	0	0	1	0	1	1	0	0
Stygobromus lacicolus Lake Tahoe amphipod	G1 S1	None None		6,226 6,226	1 S:1	0	0	0	0	0	1	0	1	1	0	0
Stygobromus tahoensis Lake Tahoe stygobromid	G1 S1	None None		6,226 6,226	1 S:1	0	0	0	0	0	1	0	1	1	0	0
Taxidea taxus American badger	G5 S3	None None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	7,500 7,500	594 S:1	0	0	0	0	0	1	1	0	1	0	0
Utricularia intermedia flat-leaved bladderwort	G5 S3	None None	Rare Plant Rank - 2B.2 IUCN_LC-Least Concern	6,800 6,800	29 S:1	0	0	0	0	0	1	1	0	1	0	0
Utricularia ochroleuca cream-flowered bladderwort	G4G5 S1	None None	Rare Plant Rank - 2B.2	7,710 7,710	5 S:1	0	0	0	0	0	1	0	1	1	0	0
Viburnum ellipticum oval-leaved viburnum	G4G5 S3?	None None	Rare Plant Rank - 2B.3		39 S:1	0	0	0	0	0	1	1	0	1	0	0

Summary Table Report

California Department of Fish and Wildlife

California Natural Diversity Database

Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks						Population Status		Presence		
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.	Extirp.
Viola tomentosa felt-leaved violet	G3 S3	None None	Rare Plant Rank - 4.2	3,400 6,600	54 S:33	2	9	6	1	0	15	33	0	33	0	0
Vulpes vulpes necator Sierra Nevada red fox	G5T1T2 S1	Proposed Endangered Threatened	USFS_S-Sensitive	1,150 6,200	201 S:4	0	0	0	0	0	4	4	0	4	0	0
Wyethia reticulata El Dorado County mule ears	G2 S2	None None	Rare Plant Rank - 1B.2 BLM_S-Sensitive SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden	400 1,800	25 S:25	4	9	4	1	0	7	6	19	25	0	0
Xanthocephalus xanthocephalus yellow-headed blackbird	G5 S3	None None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	6,200 6,200	13 S:1	0	0	0	0	0	1	1	0	1	0	0

APPENDIX F – SPECIAL STATUS SPECIES TABLES

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3,500 feet and below	Above 3,500 feet	Tahoe Basin	Common Name	Scientific Name	Listing Status	Elevation (feet amsl)	Habitat Description	CNDDB Occurrences
Amphibians and Reptiles								
X	X		California red-legged frog	*Rana draytonii*	FT, SSC	0–5,000	Uses various aquatic, riparian, and upland habitats; spends considerable time resting and feeding in riparian vegetation	6
X			California tiger salamander - Central Valley Distinct Population Segment (DPS)	*Ambystoma californiense pop. 1*	FT, ST	0–3,500	Seasonal pools and intermittent creek pools, aestivate in burrows up to 1 mile from aquatic breeding habitat	0
X	X		foothill yellow-legged frog	*Rana boylii*	SE, BLMS, USFSS, ENF, SSC	0–5,000	In or near streams during all seasons, but may be found up to 100 feet from flowing water	54
	X	X	mount lyell salamander	*Hydromantes platycephalus*	WL	4,000–12,000	Associated with granite talus with water seeping through it, typically downslope from snowfields that melt well into the summer. Inhabits caves, granite boulders, rock fissures. rocky stream edges, and seepages from springs and melting snow. Frequents cliff faces, vertical cavern walls, and level ground. Most locations tend to be open, not shaded.	1
	X	X	mountain yellow legged frog (Northern DPS)	*Rana muscosa*	FE, SE, USFSS	4,500–12000	Prefers grassy and muddy Alpine lakes with open shoreline margins with depth greater than 2.5 meters. Requires water bodies that does not freeze to the bottom in winter and sufficiently deep that they do not dry out in summer. The habitat also requires providing cover for adults to protect themselves from terrestrial and avian predators.	0
X	X	X	northern leopard frog	*Lithobates pipiens*	SSC	0–11,000	Inhabits grassland, wet meadows, potholes, forests, woodland, brushlands, springs, canals, bogs, marshes, reservoirs. Generally prefers permanent water with abundant aquatic vegetation.	4
X	X		Sierra Nevada yellow-legged frog	*Rana sierrae*	FE, ST, USFSS, ENF	4,500–11,980	Sunny river margins, meadow streams, isolated pools, and lake borders in the Sierra Nevada; always encountered within a few feet of water	52
X	X	X	southern long-toed salamander	*Ambystoma macrodactylum sigillatum*	SSC	0–10,000	Inhabits alpine meadows, high mountain ponds and lakes.	87
X			western spadefoot	*Spea hammondii*	BLMS, SSC	0–4,500	Prefers open areas with sandy or gravelly soils, in a variety of habitats including mixed woodlands, grasslands, coastal sage scrub, chaparral, sandy washes, lowlands, river floodplains, alluvial fans, playas, alkali flats, foothills, and mountains. Rainpools which do not contain bullfrogs, fish, or crayfish are necessary for breeding.	1
X	X	X	coast horned lizard	*Phrynosoma blainvillii*	BLMS, SSC	0–8,000	Open areas of sandy soil and low vegetation in valleys, foothills and semiarid mountains. Found in grasslands, coniferous forests, woodlands, and chaparral, with open areas and patches of loose soil. Often found in lowlands along sandy washes with scattered shrubs and along dirt roads, and frequently found near ant hills.	4
X			giant gartersnake	*Thamnophis gigas*	FT, ST	0–400	Endemic to wetlands of the Central Valley. Prefers marshes and sloughs, sometimes low-gradient streams, ponds, and small lakes, with cattails, bulrushes, willows, or other emergent or water-edge vegetation. Requires adequate water, emergent, herbaceous wetland vegetation, upland habitat with grassy banks for cover and refuge.	0
X	X		western pond turtle	*Emys marmorata*	BLMS, USFSS, ENF, SSC	0–6,500	Up to 650 feet from rivers, perennial creeks, or ponds for breeding and estivation	12
	X		Yosemite toad	*Anaxyrus canorus*	FT, USFSS, ENF, SSC	4,800–12,000	Inhabits wet mountain meadows, willow thickets, and the borders of forests, usually not more than a hundred meters from permanent water. After breeding, males and females move from the breeding pond into meadows where they feed for 2 - 3 months before the snows return.	0
Birds								
X	X		American peregrine falcon	*Falco peregrinus anatum*	FP, BCC	0–12,000	Nests on cliff faces, cliffs, buildings, bridges, and electrical transmission structures	1
X	X		bald eagle	*Haliaeetus leucocephalus*	SE, BLMS, USFSS, FP, BCC, BGEPA	0–7,600	Nests mostly within large, old-growth, and/or dominant live conifer trees (especially ponderosa pine) with open branches; generally within 05 mile of rivers, ocean shores, lake margins, and other fish-bearing waters	7
X			bank swallow	*Riparia riparia*	ST, BLMS	0–6,900	Vertical banks, cliffs and bluffs in alluvial, friable soils along rivers and lakes	2
X	X	X	black swift	*Cypseloides niger*	SSC, BCC	0–11,000	Prefers arial habitat. They nest on steep rock faces of shallow caves and canyons, see cliffs or see caves. They also prefers dark sites for nesting. Inland nests are primarily constructed using moss and algae, while coastal nests are slight depressions in the mud without any nesting material.	0
X	X		burrowing owl	*Athene cunicularia*	SSC, BCC	0–9,000	Open treeless areas within grassland, steppe, desert, or distrubed areas.	0
X			California black rail	*Laterallus jamaicensis coturniculus*	ST, BLMS, FP, BCC	0–820	Freshwater and salt marshes, wet meadows, and flooded grassy vegetation. Breeding areas have fine-stemmed emergent plants, rushes, grasses, or sedges.	1
X	X		california spotted owl	*Strix occidentalis occidentalis*	BLMS, USFSS, ENF, SSC, BCC	0–6,600	Requires older forests/ late-seral-stage habitats with high and a multi layered canopy cover. Forests with old decadent trees, a high number of large trees, coarse downed woody debris. Heterogenous vegetation is important for the foraging habitat. Usually, in Sierra-Nevada, it predominantly uses mixed Conifer Forest. At higher elevation they inhabit Red Fir Forest, at lower elevation they are known to use Pacific Ponderosa Pine Forest, Blue Oak–Gray Pine woodlands, and valley foothill riparian forests at low elevations.	0

3,500 feet and below	Above 3,500 feet	Tahoe Basin	Common Name	Scientific Name	Listing Status	Elevation (feet amsl)	Habitat Description	CNDDB Occurrences
X	X	X	golden eagle	*Aquila chrysaetos*	BLMS, FP, BCC, BGEPA	0–11,500	Most likely to nest in chaparral and oak woodland, oak savanna, and grassland habitats among low, rolling hills characterized by diverse vegetation; nest sites most often located on cliffs, but will also use trees and a variety of manmade structures, including electrical transmission structures	3
X			grasshopper sparrow	*Ammodramus savannarum*	SSC	0–4,900	The habitat requirement varies from region to region due to wide range of distribution in North America. The vegetation structure selection depends on the region of nesting and available species composition. In general, the bird prefers relatively open grassland with short to middle-height scattered shrubs, often prefers ecotone between grassland and sage scrubs. The species usually nest at lower elevations and move to higher meadows during drought.	0
	X	X	great gray owl	*Strix nebulosa*	SE, USFSS, ENF	4,500–9,000	Mixed conifer forests; nests in large, broken-topped conifers, oak cavities, and occasionally abandoned raptor stick nests; nest sites are often located in stands with approximately 60 percent canopy cover within 280 yards of a meadow that can support a robust small mammal population	5
X	X		hermit warbler	*Setophaga occidentalis*	–	0–4,500	Breeding habitat includes upland pine, fir, and mixed conifer forests with large trees and dense canopy cover. Nonbreeding habitat includes woodlands, scrublands, chaparral, and cottonwood-willow vegetation communities.	0
X	X	X	lark sparrow	*Chondestes grammacus*	–	0–9,000	Requires Scattered trees or shrubs, fence posts, large rocks, and ground herbage for cover. Prefers younger stages of woodland and hardwoods. Commonly appears around margins of Central Valley, in bordering foothills, and inner coastal ranges; the species is local on coastal slopes of southern Humboldt County.	0
			lewis's woodpecker	*Melanerpes lewis*	BCC		Occurs in oak savannahs, broken deciduous, and coniferous habitat with scattered trees, bushy understory and snags with cavities. Uses snag cavities and foliage of live trees for nesting and rusting, also likes logged and burned areas.	0
			little willow flycatcher	*Empidonax traillii brewsteri*	SE, BCC			0
X	X	X	loggerhead shrike	*Lanius ludovicianus*	SSC, BCC	0–7,500	Inhabits in open woodland with good amount of grass cover, short well-spaced vegetation, especially spiny or thorny bushes. Also requires some large shrubs or trees for nesting and rusting. Loggerhead Shrikes are often seen along mowed roadsides with access to fence lines and utility poles. In the absence of trees or shrubs, they sometimes nest in brush piles or tumbleweeds. They are also known to use agricultural fields, pastures, old orchards, riparian areas, desert scrublands, savannas, prairies, golf courses, and cemeteries.	0
X	X	X	long-eared owl	*Asio otus*	SSC	0–7,000	Requires dense cover for nesting and roosting, suitable nest platforms, and open foraging areas. Prefers conifer, oak, riparian, pinyon-juniper, and desert woodlands and densely vegetated desert wash. Mostly nests on the edge of the forests. Occasionally nests on cliffs, in tree cavities, in orchards or ornamental trees, in man-made structures, or on the ground.	1
X	X		merlin	*Falco columbarius*	WL	0–3,900	Habitats from grasslands to coniferous forests, including savannahs, wetlands, ecotones, and early successional stages of vegetation communities. Prefers areas near water sources.	0
	X	X	northern goshawk	*Accipiter gentilis*	BLMS, USFSS, ENF, SSC	100–8,000	Nests in mature, dense, closed-canopy conifer forests [desktop rule of thumb: more than 60 percent closed canopy]	9
X	X	X	northern harrier	*Circus hudsonius*	SSC	0–10,000	Frequents in freshwater and saltwater marshes, wet meadows, weedy borders of lakes, rivers and streams, annual and perennial grasslands(including vernal pools), pastures and croplands, sagebrush flats, and desert sinks. Requires open/edge of woodlands that provide fair vegetation cover and prey and lookout perches i.e., shrubs or fence posts.	0
X	X	X	olive sided flycatcher	*Contopus cooperi*	SSC, BCC	0–9,400	Primarily associated with forest edges, openings, exposed perches and natural and human-created clearings. More abundant in clear-cut areas or highly fragmented woodlands. Breeds in late-successional conifer forests with open/semi-open canopies.	0
			osprey	*Pandion haliaetus*	WL		Preferred habitats are Forested wetlands, riparian, big/medium river, cliffs. primarily occur along rivers, lakes, reservoirs, and seacoasts. Nests on dead or living trees and known to use manmade structures i.e., utility poles, windmills, microwave tower.	21
X	X		pacific slope flycatcher	*Empidonax difficilis*	–	0–5,000	The species prefers warm moist woodlands, like valley foothill and montane riparian, coastal and blue oak woodland, and montane hardwood-conifer habitats. Nests in humid coniferous forest, pine-oak forest and other mixed coniferous-deciduous forests and broadleaf evergreen forests. Nests are placed on cliffs, earth banks, tree branch crotches, or building ledges, or in tree cavities, often along streams or near seeps or springs	2
X	X		purple martin	*Progne subis*	SSC	0–5,900	Inhabits in Woodlands and low-elevation coniferous forest of Douglas-fir, ponderosa pine, and Monterey pine. Nests in tall, old trees in mesic region near waterbody or sometimes near residential areas. Martin distribution influ¬enced by the availability of aerial insects.	0
			sharp shinned hawk	*Accipiter striatus*	WL		Prefers all habitats except alpine, open prairie, and bare desert used in winter. Breeds in ponderosa pine, black oak, riparian deciduous, mixed conifer, and Jeffrey pine habitats. Prefers, but not restricted to, riparian habitats. Like to use North facing slopes, with plucking perches.	0
X	X		Swainson's hawk	*Buteo swainsoni*	ST, BLMS, BCC	0–500	Nests in prairies with scattered groves of trees; nest sites are usually in trees or large shrubs adjacent to open grassland or agricultural areas	0
X			tricolored blackbird	*Agelaius tricolor*	ST, SSC, BCC	50–1,800	Marshes, emergent wetlands, riparian thickets or swamps	7
X	X		white-tailed kite	*Elanus leucurus*	BLMS, FP	0–5,000	Open grasslands, marshes, woodlands and savannas	1

3,500 feet and below	Above 3,500 feet	Tahoe Basin	Common Name	Scientific Name	Listing Status	Elevation (feet amsl)	Habitat Description	CNDDB Occurrences
X			willow flycatcher	*Empidonax traillii*	SE, USFSS, ENF, BCC	2,000–8,000	Prefers wet meadows and montane riparian habitats, breeds in shrubby area with standing or running water. The species is known to spend winter in forest with early successional habitats and migrates to lower elevation in spring and fall. Dense willow thickets are required for nesting and roosting.	5
X	X	X	yellow warbler	*Setophaga petechia*	SSC, BCC	7,000–8,500	Prefers medium-density woodlands and forests with a heavy brush understory. Trees like, cottonwoods, willows, alders are commonly used. Breeds in riparian woodlands (coastal and desert lowlands), xeric montane shrub fields, montane chaparral, open ponderosa pine and mixed conifer habitats with fare amounts of brush.	0
			yellow-breasted chat	*Icteria virens*	SSC	0–6,500	Requires riparian thickets of willow near watercourses for cover. Known to occupy early successional riparian habitats with a well-developed shrub layer and an open canopy. Nests in dense shrub (I.e., tamarisk, Himalayan Blackberry). Prefers narrow border of streams, creeks, and rivers for nesting habitat.	0
X	X		yellow-headed blackbird	*Xanthocephalus xanthocephalus*	SSC	0–6,600	Requires deep, fresh-water wetland with dense emergent vegetation. Productive marshes with tall emergent vegetation are preferable habitat. Forages in emergent wetland and moist, open areas, like cropland and muddy shores of lacustrine habitat. Nests in dense emergent vegetation.	1
Mammals								
X	X	X	American badger	*Taxidea taxus*	SSC	0–13,000	Prefers drier and open stages of forest or shrublands, also prefers herbaceous habitat with less ground cover and friable soil.	1
	X	X	California wolverine	*Gulo gulo*	ST, FP, SCC	4,300–7,300	Mixed conifer, red fir, and lodgepole pine forests, and likely use subalpine conifer, alpine dwarf-shrub, wet meadow, and riparian habitats	0
	X	X	fisher - Southern Sierra Nevada DPS	*Pekania pennanti pop. 2*	FE, ST, BLMS, USFSS, ENF, SSC	0–8,530	Requires tree or snag cavities for denning, thus prefers late-successional forests due to the presence of snags, down wood, and vertical and horizontal diversity. Generally found in intermediate to large-tree stages of coniferous forests and deciduous-riparian habitats with a high percent canopy closure.	4
X	X		Sierra Nevada mountain beaver	*Aplodontia rufa californica*	SSC	5,500–10,000	Moist forests near watercourses with dense vegetation, damp soils Burrow in networks of tunnels along stream banks Stays mostly underground in winter	47
X	X	X	Sierra Nevada red fox	*Vulpes vulpes necator*	FPE, ST, USFSS	4,000–11,900	Meadows, rocky areas, and conifer forests in alpine and subalpine zones	4
	X	X	Sierra Nevada snowshoe hare	*Lepus americanus tahoensis*	SSC	4,800–8,000	Prefers boreal forests, thickets of deciduous trees and shrubs (i.e., willows and alders), dense deciduous streamside vegetation, forest undergrowth, dense thickets of young conifers.	2
X	X		Townsend's big-eared bat	*Corynorhinus townsendii*	BLMS, USFSS, ENF, SSC	0–8,200	Roost in caves, mines, man-made structures, and basal hollows in large trees (greater than 100 inches DBH)	2
	X	X	western white-tailed jackrabbit	*Lepus townsendii townsendii*	SSC		Requires open meadows, flat-topped hills with open stands of trees, herbaceous understory for feeding and cover. Preferred habitats are sagebrush, subalpine conifer, juniper, alpine dwarf-shrub, and perennial grassland, wet meadow, and early successional stages of various conifer habitats.	0
			southwest river otter	*Lontra canadensis sonora*	SSC			0
X	X	X	Pale big eared bat	*Corynorhinus townsendii pallescens*	–	550–8,500	Forages near riparian vegetation and travels along vegetated areas while moving to cave and mine roost sites.	0
X	X	X	small footed myotis	*Myotis ciliolabrum*	BLMS	0–8,900	Open woodlands and brushy habitats with surface water sources and caves, mines, buildings, and other crevices for roosting.	0
X	X	X	long-eared myotis	*Myotis evotis*	BLMS	0–9,000	Occur in all brush, woodland, and forest habitats, coniferous forests are most preferred habitat. Known to roost in buildings, crevices, spaces under bark, and snags, but caves are used primarily as night roosts.	0
X	X	X	long-legged myotis	*Myotis volans*	–	0–11,400	Most commonly found in woodland and forest habitats above 4000 feet. Also forages in chaparral, coastal scrub, Great Basin shrub habitats, and in early successional stages of woodlands and forests. Roosts in rock crevices, buildings, under tree bark, in snags, mines, and caves.	6
X	X	X	fringed myotis	*Myotis thysanodes*	BLMS, USFSS, ENF	0–9,350	Frequents in pinyon-juniper, valley foothill hardwood and hardwood-conifer forests. Roosts in caves, mines, buildings, and crevices.	7
X	X	X	Yuma myotis	*Myotis yumanensis*	BLMS	0–11,000	Open forests and woodlands with sources of water are optimal habitats. Roosts in buildings, under bridges, mines, caves or crevices, and abandoned swallow nests.	5
X	X		pallid bat	*Antrozous pallidus*	BLMS, USFSS, ENF, SSC	1,100–6,600	Variety of habitats, from deserts to woodlands; roost in crevices in rocky outcrops, trees, mines, caves, and manmade structures	4
Fish								
		X	Lahontan cutthroat trout	*Oncorhynchus clarkii henshawi*	FT	4,600–9,250	Variety of cold-water habitats including large terminal alkaline lakes, alpine lakes, slow meandering rivers, mountain rivers, and small headwater tributary streams in the Lahontan basin	2
		X	Lahontan Lake tui chub	*Siphateles bicolor pectinifer*	SSC	3,600–6,200	Inhabits large and deep lakes. known to survive in wide range of physicochemical water conditions, like oligotrophic and mesotrophic conditions. Always stays high in the water column, shows horizontal and vertical migration.	1
		X	mountain sucker	*Catostomus platyrhynchus*	SSC	0–10,000	Inhabits in shallow clear, low-gradient, cool streams. associated with diverse substrates, from sand to boulders, in areas with dense vegetation cover.	3
	X		mountain whitefish	*Prosopium williamsoni*	SSC	4,600–7,500	Inhabit in clear, cold streams, rivers, and natural lakes. Generally, prefers pools of streams, while in lakes, they live close to the bottom. They use shallow riffles for spawning. Tolerant to adverse water quality and environmental changes.	5

3,500 feet and below	Above 3,500 feet	Tahoe Basin	Common Name	Scientific Name	Listing Status	Elevation (feet amsl)	Habitat Description	CNDDB Occurrences
X			steelhead - Central Valley DPS	*Oncorhynchus mykiss irideus pop. 11*	FT		Clean, cold water over gravel beds with water temperatures between 6 and 16 degrees Celsius for spawning in the Sacramento and San Joaquin rivers and their tributaries	1
X	X		hardhead	*Mylopharodon conocephalus*	USFSS, ENF, SSC	30–4,800	Clear and cool water in reservoirs, streams, and river tributaries with sandy to rocky bottom substrate in central and northern California.	0
Invertebrates								
X			valley elderberry longhorn beetle	*Desmocerus californicus dimorphus*	FT	0–3,000	Always found on or near elderberry shrubs and trees (Sambucus spp); elderberry can be found in moist or riparian areas along streams, edges of meadows, canyons, and forest openings	2
X			vernal pool fairy shrimp	*Branchinecta lynchi*	FT	30–5,600	Inhabit variety of vernal pool habitats, from small, clear, sandstone rock pools to large, turbid, alkaline, grassland valley floor pools. Commonly found in small (less than 0.05 ac), clear to tea-colored vernal pools with mud, grass, or basalt bottoms in unplowed grasslands.	1
X	X		vernal pool tadpole shrimp	*Lepidurus packardi*	FE	20–3,500	Inhabit a wide variety of vernal pool habitats, but commonly found in grass or mud-bottomed pools ranging from 6.5 square feet to 88 acres with 50 to 84 degrees Fahrenheit water temperatures. They may tolerate temporary drying conditions.	0
X			hairy water flea	*Dumontia oregonensis*	–	20–800	Prefers shallow ephemeral vernal pools, native wet prairies, seasonally wet meadows, and managed agricultural fields and desert pools that fill with water in early-winter and dry out by late-winter. Prefers vegetation cover greater than 60% for refuge.	0
			midvalley fairy shrimp	*Branchinecta mesovallensis*	–		Found in vernal pools, seasonally ponded areas within vernal swales, rock outcrop ephemeral pools, playas, and alkali flats. Commonly occurs in small to medium grassy or clay-bottomed vernal pools, roadside ditches, and railroad toe-drains. Require seasonally ephemeral aquatic habitats that pool in winter and spring.	0
			spiny rhyacophilan caddisfly	*Rhyacophila spinata*	–		Vegetation along second-order streams with rapidly flowing water.	1
			button's Sierra sideband	*Monadenia mormonum buttoni*	–			1
		X	Lake Tahoe benthic stonefly	*Capnia lacusta*	–	200–360 feet below lake surface (6,200)	Endemic to Lake Tahoe, associated with deep-water plant beds composed of bryophytes, multicellular algae, and Characeae.	1

Status Codes:

FE: Federally Endangered (ESA)
FT: Federally Threatened (ESA)
FPE: Federally Proposed for listing as Endangered
FPT: Federally Proposed for listing as Threatened
BLMS: Bureau of Land Management Sensitive
USFSS: U.S. Forest Service Sensitive
ENF: Eldorado National Forest Sensitive Species
BGEPA: Bald and Golden Eagle Protection Act
BCC: USFWS Bird of Conservation Concern
SE: California State Endangered (CESA)
ST: California State Threatened (CESA)
FP: CDFW Fully Protected
SSC: CDFW Species of Special Concern
WL: CDFW Watch List
– : no federal or state special status

Citations:

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https://www.fws.gov/sacramento/es_species/Accounts/Amphibians-Reptiles/mt_yellow_legged_frog/ 6/4/2021