

## Exhibit “A”

### Maintenance Checklist and Guidelines

EXHIBIT 18-A MAINTENANCE REVIEW CHECKLIST  
MAINTENANCE REVIEW CHECKLIST

District: \_\_\_\_\_ Local Agency \_\_\_\_\_

Location: \_\_\_\_\_

Item	*I	M	N/A	General Observation
1. Pavement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Shoulders	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Markings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. Signs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. Guardrails	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6. Drainage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7. Litter Removal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8. Vegetation Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9. Signals & Lights	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10. Snow & Ice	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11. Structures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12. Non-Motorized Facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

\*I - Improvement needed to meet acceptable levels

M - Meets acceptable levels

N/A - Not applicable

Note: The maintenance review is not meant to be a detailed review of a roadway system, but rather is a brief review to observe the overall status of maintenance of projects constructed with federal-aid funds. The reviews will not be performed beyond the service life of the federal-aid project.

COMMENTS AND FOLLOW UP:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Reviewer: \_\_\_\_\_ Date: \_\_\_\_\_

**1. Pavement**

Typical items to be considered in pavement maintenance include cracking, raveling, corrugations, potholes, and bridge approach settlement.

**2. Shoulders**

Surfaced shoulders should be included in the discussion on pavement. Drop off at the edge of pavement should be noted, as it is a safety concern.

Unsurfaced shoulders should be relatively free of ruts and properly sloped to ensure adequate drainage.

**3. Markings**

Traffic striping and pavement markings should be uniform in design, position, application, and shall conform to the standards in the *Manual on Uniform Traffic Control Devices 2003 (MUTCD) California Supplement* to the federal manual. (<http://www.dot.ca.gov/hq/traffops/signtech/mutcdsup/supplement.htm>)

**4. Signs**

Signs should be in a state of good repair and should be readily visible to the public for which they are intended.

**5. Guardrails**

Guardrails should be maintained approximately true to line, grade, and functional height. Damaged rails should be repaired or replaced to current standard.

**6. Drainage**

Culverts, ditches, and gutters should be kept open and in a state of good repair.

**7. Litter Removal**

Accumulated litter should be removed from the roadbed before it becomes a safety or health hazard.

**8. Vegetation Control**

Safety, aesthetics, and compatibility with adjacent land use are the prime considerations in proper vegetation control.

**9. Signals & Lights**

Damaged or malfunctioning traffic signals should be promptly repaired or temporary corrections made until permanent repairs can be made.

Luminaries and fixtures for illuminated signs not essential for traffic safety should be routinely scheduled for repair or replacement.

**10. Snow & Ice**

Snow removal and ice control should be consistent with the need to keep the road open for the traveling public, and to continue essential services.

**11. Structures**

Although bridges are given a more thorough inspection at approximately two-year intervals, the following items should be checked for routine maintenance:

- Damaged approach guardrail and bridge rail
- Settlement of approach fills
- Condition of deck (see #1. Pavement)
- Damaged slope paving or rock slope protection
- Plugged deck drains and overside drains
- Scour around piers and abutments
- Debris plugging channels

**12. Non-Motorized Facilities**

Paths, sidewalks, bicycle lanes, and related markings and signage should be maintained to provide safe accommodation for bicyclists and pedestrians.

Distribution: One copy each to HQ DLA, Local Agency, DLAEs file

Exhibit "B"

Bureau of Reclamation Agreements

Temporary Construction Permit

To

City of Folsom

Widening of Green Valley Road

License to the City of Folsom

To

Widen and Maintain

Green Valley Road

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF RECLAMATION

**TEMPORARY CONSTRUCTION PERMIT  
TO  
CITY OF FOLSOM  
WIDENING OF GREEN VALLEY ROAD**

**THIS TEMPORARY CONSTRUCTION PERMIT**, made this 7<sup>th</sup> day of February, 2018, in accordance with the Act of Congress approved June 17, 1902 (32 Stat. 388) and all other acts amendatory or supplementary thereto, particularly the Reclamation Project Act of 1939 (53 Stat. 1187), is entered into, by and between THE UNITED STATES OF AMERICA (United States), acting by and through its Department of the Interior, Bureau of Reclamation, represented by the officer executing this instrument on its behalf, and City of Folsom, hereinafter called "Permittee."

**RECITALS**

**WHEREAS**, the United States acquired certain lands and constructed various facilities as a feature of its Central Valley Project, appurtenant to that certain dam and reservoir known and designated as the Folsom Dam and Reservoir and adjacent lands in the Counties of Sacramento and El Dorado, State of California; the United States has previously granted easements for road and incidental purposes to the City of Folsom, successor by incorporation to the County of Sacramento.

**WHEREAS**, the Permittee, in cooperation with the California Department of Transportation proposes to widen Green Valley Road from two lanes to four lanes between East Natoma Street and Sophia Parkway.

**WHEREAS**, The United States has no objections to such use of the land and the use is, at this time, not incompatible with the purpose for which the land was acquired and is now being administered.

**NOW THEREFORE**, in consideration of the mutual agreements and subject to the terms and conditions herein contained, the parties hereto agree as follows:

**1. PERMIT.**

Subject to the following terms and conditions, Reclamation issues to the Permittee a Temporary Construction Permit (hereinafter referred to as Permit) a portion of those certain lands and waters in Sections 21, 28, 29, Township 10 North, Range 8 East, Mount Diablo Base and Meridian, more particularly described in the legal description in Exhibit "A" and shown on the plat map in Exhibit "B" both of which are attached hereto and made a part hereof. Exhibit "C" as shown is the Accident Prevention Plan.

**2. TERMS AND CONDITIONS.**

a. This Permit is personal, revocable, and nontransferable and shall not be construed as granting the Permittee any right, title, or interest in said lands.

b. In accordance with 43 CFR 429.16, Subpart D – Application Fees and Administrative Costs, the Permittee has remitted to the United States a nonrefundable application fee of \$100.00. Administrative costs include, but are not limited to, engineering, environmental, realty, and appraisal review work. Administrative costs are estimated at \$2000 and have been paid by Permittee. Should administrative expense exceed the estimate, Reclamation shall notify Permittee in writing, of the additional amount required to complete Permittee's request. The Bureau of Reclamation acknowledges receipt of the application fee and the administrative costs.

c. The rights granted herein are subject to existing rights-of-way in favor of the public or third parties. The Permittee recognizes that it has sole responsibility to make whatever arrangements are necessary to obtain such rights as may be needed by the Permittee from City of Folsom, and other party or parties holding any other interest in the permit premises.

d. This Permit shall become effective on the date of execution and shall terminate 2 months after completion of construction by the Permittee of the road widening referenced herein or no later than **December 31, 2021**, whichever occurs first.

e. The Permittee shall not use the permit premises for any purpose except as set forth in Article 1. of this Permit.

f. All work authorized by this Permit must be coordinated with Reclamation. The Permittee shall provide 10 days advance written notice to Reclamation of the construction start date and written notice within 10 days after completion.

g. All construction work to be performed shall be accomplished to the satisfaction of the United States by and at the expense of the Permittee and the Permittee shall be in full accordance with the previously submitted and accepted plans and specifications prepared by the Permittee,

entitled, "Green Valley Road Widening Project," prepared by the Permittee's Dokken Engineering. All work associated with the Green Valley Road Widening Project (Project) must be coordinated with Reclamation and any changes to the accepted plans must be submitted in writing for Reclamation's prior acceptance. The Government reserves the right to inspect the Project upon completion of the construction activities. Upon completion of the Project, the Permittee will notify Reclamation of and will coordinate with Reclamation for a final walk-through. Within ninety (90) days of completion of construction, the Permittee shall provide Reclamation with an electronic copy of as-built drawings (.pdf and .dwg format with the .ctb file) covering all construction on Reclamation land.

h. The Permittee shall be held liable for all damages caused by its activities on United States lands and water. Any damage to United States property or facilities resulting from the Permittee's exercise of the privileges allowed by this Permit shall be corrected promptly at the Permittee's expense to the satisfaction of Reclamation.

i. Access to the construction site(s) will be directly off Green Valley Road. Upon completion of construction activities, any access across Reclamation lands for purposes of routine operations and maintenance shall be coordinated 48 hours in advance with Reclamation's Central California Area Office, Folsom, California.

j. A site inspection and approval by Reclamation of the permit premises is required prior to termination of the Permit.

k. The Permittee is self-insured. Throughout the period of construction, the Permittee or its contractors shall maintain in force policies of liability insurance or proof of self insurance, providing limits of not less than \$1,000,000 for each person/occurrence and \$2,000,000 aggregate for bodily injury or death, and not less than \$1,000,000 for property damage. Said policies shall name the United States as additional insured and shall provide that they will not be canceled or reduced in coverage without ten (10) days prior written notice from the Permittee. Prior to commencement of construction, the Permittee shall deliver to Reclamation a copy of the Certificate of Insurance reflecting all essential coverage.

l. The Permittee and its contractors shall execute and maintain their work so as to avoid injury or damage to any person or property. All work shall be done in conformance with all Federal, State, and local health and safety regulations and laws.

m. The Permittee shall repair, at its sole expense, any damages it causes to underground utilities, access roads, parking facilities, culvert crossing, siphon barrel, bridges, fences, gates, posts, and any other equipment/facilities of the United States. No construction debris of any kind shall be left on United States property.

n. The Permittee accepts the permit premises as is and acknowledges that the United States is under no obligation to improve the present condition of the permit premises.

### **3. UNRESTRICTED ACCESS.**

The United States reserves the right of its officers, agents, and employees at all times to have unrestricted access and ingress to, passage over, and egress from all of said lands, to make investigations of all kinds, dig test pits, and drill test holes, and to survey for and construct reclamation and irrigation works and other structures incidental to Federal Reclamation Projects, for any purpose whatsoever. Reclamation will make every reasonable effort to keep damages to a minimum.

### **4. TERMINATION.**

This Permit will terminate and all rights of the Permittee hereunder will cease, and the Permittee will quietly deliver to the United States possession of the premises in like condition as when taken, reasonable wear and damage by the elements excepted:

- a. At the expiration of the term as provided by Article 2(d); or
- b. After failure of the Permittee to observe any of the conditions of this Permit, and on the day following service of written notice on the Permittee of termination because of failure to observe such condition, or
- c. Upon any activity deemed to be illegal on Federal lands.
- d. The notices provided by this article will be served by certified mail addressed to the respective post office addresses given in Article 4 and the mailing of any such notice properly enclosed, addressed, stamped, and certified, will be considered service.
- e. If this Permit is terminated under Article 4 (b) or (c), the United States reserves the right to bar the Permittee from the authorization to use acquired or withdrawn public land at the Project site.

### **5. NOTICES.**

- a. Unless expressly set forth elsewhere in this Permit, any notice, demand, or request required or authorized by this Permit to be given or made to or upon the United States and/or Reclamation shall be deemed properly given or made if delivered or mailed postage-prepaid, to the Area Manager, Central California Area Office, Bureau of Reclamation, 7794 Folsom Dam Road, Folsom, CA 95630-1799.
- b. Any notice, demand, or request required or authorized by this Permit to be given or made to or upon the Permittee shall be deemed properly given or made if delivered or mailed postage-prepaid, to Mr. Brian Reed, P.E., Public Works, City of Folsom, 50 Natoma Street, Folsom, CA 95630.



c. The designation of the person to or upon whom any notice, demand, or request is to be given or made, or the address of such person may be changed at any time by notice given in the same manner as provided in this Article for other notices.

## **6. REMOVAL OF STRUCTURES.**

Upon the expiration, termination, or revocation of this Permit, the Permittee shall remove all temporary structures, equipment, or other improvements made by it from the premises at no cost to the United States. Upon failure to remove any such improvements within one hundred and ninety (190) days of expiration, termination, or revocation, any remaining improvements shall, at the option of the United States, be removed or become the property of the United States. The Permittee shall pay all expenses of the United States, or its assigns, related to removal of such improvements.

## **7. DISCOVERY OF CULTURAL RESOURCES.**

The Permittee shall immediately provide an oral notification to Reclamation's authorized official of the discovery of any and all antiquities or other objects of cultural, historic, or scientific interest on Reclamation lands. The Permittee shall forward a written report of its findings to Reclamation's authorized official within 48 hours. Objects under consideration include, but are not limited to, historic or prehistoric ruins, human remains, funerary objects, and artifacts discovered as the result of activities under this Easement. The Permittee shall immediately cease activity in the area of discovery, make a reasonable effort to protect such discovery, and wait for written approval from Reclamation's authorized official before resuming the activity. Protective and mitigative measures specified by Reclamation's authorized official shall be the responsibility of the Permittee.

## **8. HAZARDOUS MATERIALS.**

During the term of this Permit, the Permittee and/or its contractors agrees as follows:

a. The Permittee may not allow contamination or pollution of Federal lands, waters or facilities by its employees or agents and shall take reasonable precautions to prevent such contamination or pollution by third parties. Substances causing contamination or pollution shall include but are not limited to hazardous materials, thermal pollution, refuse, garbage, sewage effluent, industrial waste, petroleum products, mine tailings, mineral salts, misused pesticides, pesticide containers, or any other pollutants.

b. The Permittee shall comply with all applicable Federal, State, and local laws and regulations, and Reclamation policies and directives and standards, existing or hereafter enacted or promulgated, concerning any hazardous material that will be used, produced, transported, stored, or disposed of on or in Federal lands, waters or facilities.

c. "Hazardous material" means any substance, pollutant or contaminant listed as hazardous

under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended (42 U.S.C. § 9601, et seq.), and the regulations promulgated pursuant to that Act.

d. Upon discovery of any event which may or does result in contamination or pollution of Federal lands, waters or facilities, the Permittee shall initiate any necessary emergency measures to protect health, safety and the environment and shall report such discovery and full details of the actions taken to Reclamation. Reporting may be within a reasonable time period. A reasonable time period means within twenty-four (24) hours of the time of discovery if it is an emergency or by the first working day if it is a non-emergency. An emergency is any situation that requires immediate action to reduce or avoid endangering public health and safety or the environment.

e. Violation of any of the provisions of this Article, as determined by Reclamation, may constitute grounds for termination of this contract. Such violations require immediate corrective action by the Permittee and shall make the Permittee liable for the cost of full and complete remediation and/or restoration of any Federal resources or facilities that are adversely affected as a result of the violation.

f. The Permittee agrees to include the provisions contained in paragraphs (a) through (e) of this Article in any subcontract or third-party contract it may enter into pursuant to this contract.

g. Reclamation agrees to provide information necessary for the Permittee, using reasonable diligence, to comply with the provisions of this Article.

#### **9. INDEMNIFICATION AND HOLD HARMLESS.**

The Permittee hereby agrees to indemnify and hold harmless the United States, its employees, agents, and assigns from any loss or damage and from any liability on account of personal injury, property damage, or claims for personal injury or death arising out of the grantee's activities under this agreement.

#### **10. COVENANT AGAINST CONTINGENT FEES.**

The Permittee warrants that no person or Permittee has been employed or retained to solicit or secure this Contract and Grant of Easement upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee excepting bona fide employees or bona fide established commercial or selling agencies maintained by the Permittee for the purpose of securing businesses. For breach or violation of this warranty, the United States shall have the right to annul this Permit without liability, or at its discretion require the Permittee to pay, in addition to consideration for this Permit price or consideration, the full amount of such commission, percentage, or brokerage or contingent fee to the United States.

**11. OFFICIALS NOT TO BENEFIT.**

No member of or delegate to Congress shall be admitted to any share or part of any contract or agreement made, entered into, or accepted by or on behalf of the United States, or to any benefit to arise thereupon..

**12. NONDISCRIMINATION ON THE BASIS OF RACE, COLOR, OR NATIONAL ORIGIN:**

The Permittee hereby agrees to comply with Title VI (Section 601) of the Civil Rights Act of July 2, 1964 (78 Stat. 241) which provides that "No person in the United States shall, on the ground of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity receiving Federal financial assistance," and to be bound by the regulations of the Department of the Interior for the effectuation thereof, as set forth in 43 CFR § 17.

**13. NONDISCRIMINATION ON THE BASIS OF DISABILITY:**

The Permittee hereby agrees to comply with Section 504 of the Rehabilitation Act of 1973, Public Law 93-112, as amended which is designed to eliminate discrimination on the basis of disability in any program or activity receiving Federal financial assistance.

**14. NONDISCRIMINATION ON THE BASIS OF AGE:**

The Permittee hereby agrees to comply with the Age Discrimination Act of 1975, as amended, 42 U.S.C. § 6101, et seq., and the general age discrimination regulations at 45 CFR § 90 which are designed to prohibit discrimination on the basis of age in programs and activities receiving Federal financial assistance, as set forth in 43 CFR §17.

**15. SEVERABILITY.**

Each provision of this Permit shall be interpreted in such a manner as to be valid under applicable law, but if any provision of this Permit shall be deemed or determined by competent authority to be invalid or prohibited hereunder, such provision shall be ineffective and void only to the extent of such invalidity or prohibition, but shall not be deemed ineffective or invalid as to the remainder of such provision or any other remaining provisions, or of the easement as a whole.

IN WITNESS WHEREOF, the parties hereto have caused this Permit to be executed the day and year first above written.

THE UNITED STATES OF AMERICA

By: [Signature]  
Drew F. Lessard  
Area Manager  
Central California Area Office  
Bureau of Reclamation

ACCEPTANCE:

CITY OF FOLSOM, and its authorized representatives, by signature below, agrees to the above terms and conditions

By: [Signature]  
Evert W. Palmer  
City Manager

Date: 1/17/2018

ATTEST:

By: [Signature] 1/17/18  
Christa Freemantle  
City Clerk

FUNDING AVAILABLE

By: [Signature] 1/14/18  
James W. Francis  
CFO/Finance Director

ORIGINAL APPROVED AS TO CONTENT:

By: [Signature] 1/12/18  
Dave Nugen  
Director of Public Works

ORIGINAL APPROVED AS TO FORM:

By: [Signature] 1/17/18  
Steven Wang  
City Attorney

Folsom File No. 174-21 18-002  
Res 9665 10/27/2015



35812

**EXHIBIT "A"**  
**EL DORADO COUNTY TEMPORARY LICENSE AREA**

All that portion of the southwest one-quarter of Section 21, Township 10 North, Range 8 East, M.D.B.&M. in the County of El Dorado, State of California and being more particularly described by metes and bounds as follows;

Beginning at a 8" diameter Concrete Monument with a Brass Disk stamped "RCE 20462 1990" set to mark "Mile 14" on the line between Sacramento County and El Dorado County as shown on Record of Survey filed October 31, 1990 in Book 17 of Record of Surveys at Page 147, in the office of The County Recorder of said County, said point being the TRUE POINT OF BEGINNING;

Thence from said TRUE POINT OF BEGINNING N21°12'19"W 31.71' along the line between Sacramento County and El Dorado County to a point on the southerly right of way line of Green Valley Road as shown on Record of Survey filed April 28, 2004 in Book 27 of Record of Surveys at Page 39, in the office of The County Recorder of said County;;

Thence along said southerly right of way line the following three courses, (1) N71°05'45"E 15.49' to the beginning of a 1459.74' radius tangent curve concave southeasterly, (2) along the arc of said 1459.74' radius tangent curve a distance of 64.12' through a central angle of 02°31'00" and being subtended by a chord bearing and distance of N72°21'15"E 64.11' and (3) N73°36'45"E 199.46' to a point on the westerly right of way line of Shadowfax Lane as shown on Record of Survey filed April 28, 2004 in Book 27 of Record of Surveys at Page 39, in the office of The County Recorder of said County;

Thence along said westerly right of way line the following three courses, (1) S11°34'31"E 3.74' to the beginning of a 174.99' radius tangent curve concave westerly, (2) along the arc of said 174.99' radius tangent curve a distance of 51.92' through a central angle of 16°59'55" and being subtended by a chord bearing and distance of S03°04'33"E 51.73' and (3) S05°25'25"W 13.94';

Thence departing from said westerly right of way line N87°24'56"W 31.29';

Thence S70°18'48"W 32.25' to the beginning of a 10088.00' radius tangent curve concave northwesterly;

Thence along the arc of said 10088.00' radius tangent curve a distance of 103.77' through a central angle of 00°35'22" and being subtended by a chord bearing and distance of S70°36'29"W 103.77';

Thence S70°54'10"W 25.35';

Thence S76°57'09"W 66.00' a point on the line between Sacramento County and El Dorado County as shown on Record of Survey filed October 31, 1990 in Book 17 of Record of Surveys at Page 147 in the office of The County Recorder of El Dorado County;

Thence N21°12'19"W 27.89' along the line between Sacramento County and El Dorado County to the TRUE POINT OF BEGINNING.

Containing 16,708 Square Feet or 0.3836 Acres, more or less.

The Basis of Bearings used herein is the County Line between Sacramento County and El Dorado County as shown on Record of Survey filed October 31, 1990 in Book 17 of Record of Surveys at Page 147 in the office of The County Recorder of El Dorado County.



8/22/2017 12:17 PM

**Exhibit "A"**

**EXHIBIT "A"**  
**CITY OF FOLSOM TEMPORARY LICENSE AGREEMENT**

All those portions of Sections 21, 28 and 29, Township 10 North, Range 8 East, M.D.B&M. in the City of Folsom, County of Sacramento, State of California and being more particularly described by metes and bounds as follows;

**PARCEL 1:**

Commencing at a 8" diameter Concrete Monument with a Brass Disk stamped "RCE 20462 1990" set to mark "Mile 14" on the line between Sacramento County and El Dorado County as shown on Record of Survey filed October 31, 1990 in Book 48 of Record of Surveys at Page 13, in the office of The County Recorder of said County; Thence S51°10'03"W 3629.34' to the TRUE POINT OF BEGINNING;

Thence from said TRUE POINT OF BEGINNING S37°10'50"W 9.66';  
Thence S68°20'18"W 30.74';  
Thence S38°28'22"W 15.00';  
Thence S08°30'21"W 33.85';  
Thence S37°10'45"W 10.42';  
Thence N08°30'21"E 44.33';  
Thence N38°28'22"E 17.67';  
Thence N68°20'18"E 40.34' to the TRUE POINT OF BEGINNING.

Containing 455 Square Feet or 0.0104 Acres

**PARCEL 2:**

Commencing at a 8" diameter Concrete Monument with a Brass Disk stamped "RCE 20462 1990" set to mark "Mile 14" on the line between Sacramento County and El Dorado County as shown on Record of Survey filed October 31, 1990 in Book 48 of Record of Surveys at Page 13, in the office of The County Recorder of Sacramento County; Thence N21°12'19"W 101.50' along said line between Sacramento County and El Dorado County to the TRUE POINT OF BEGINNING;

Thence from said TRUE POINT OF BEGINNING, departing from said county line S 76°36'57"W 0.22';

Thence S70°28'39"W 384.89';  
Thence S70°57'59"W 255.98';  
Thence S70°01'34"W 145.71' to the beginning of a 1950.00' radius non-tangent curve concave southerly

Thence along the arc of said 1950.00' radius non-tangent curve (from a tangent which bears S71°12'01"W) a distance of 739.37' through a central angle of 21°43'29" and being subtended by a chord bearing and distance of S60°20'17"W 734.95' to the beginning of a 2000.00' radius non-tangent curve concave southeasterly;

Thence along the arc of said 2000.00' radius non-tangent curve (from a tangent which bears S50°32'28"W) a distance of 140.97' through a central angle of 04°02'19" and being subtended by a chord bearing and distance of S48°31'19"W 140.94';

Thence N77°51'49"W 37.26';

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Thence S45°21'32"W 40.00';  
 Thence S12°43'21"E 36.72' to the beginning of a 2000.00' radius non-tangent curve concave southeasterly  
 Thence along the arc of said 2000.00' radius non-tangent curve (from a tangent which bears S44°12'56"W) a distance of 118.38' through a central angle of 03°23'29" and being subtended by a chord bearing and distance of S42°31'12"W 118.36';  
 Thence S37°33'22"W 831.95';  
 Thence S81°18'01"W 79.57';  
 Thence S37°08'45"W 33.15';  
 Thence S19°36'50"E 50.17';  
 Thence S37°10'50"W 5.98';  
 Thence N19°36'50"W 56.14';  
 Thence N37°08'45"E 37.88';  
 Thence N81°18'01"E 79.59';  
 Thence N37°33'22"E 830.09' to the beginning of a 2005.00' radius non-tangent curve concave southeasterly  
 Thence along the arc of said 2005.00' radius non-tangent curve (from a tangent which bears N40°49'13"E) a distance of 116.10' through a central angle of 03°19'04" and being subtended by a chord bearing and distance of N42°28'45"E 116.09';  
 Thence N12°43'21"W 36.79';  
 Thence N45°21'32"E 45.48';  
 Thence S77°51'49"E 37.32' to the beginning of a 2005.00' radius non-tangent curve concave southeasterly  
 Thence along the arc of said 2005.00' radius non-tangent curve (from a tangent which bears N46°34'41"E) a distance of 138.64' through a central angle of 03°57'42" and being subtended by a chord bearing and distance of N48°33'32"E 138.61' to the beginning of a 1955.00' radius non-tangent curve concave southeasterly;  
 Thence along the arc of said 1955.00' radius non-tangent curve (from a tangent which bears N49°28'37"E) a distance of 149.61' through a central angle of 04°23'05" and being subtended by a chord bearing and distance of N51°40'10"E 149.57';  
 Thence N27°42'42"W 29.57';  
 Thence N62°17'18"E 437.64';  
 Thence N70°13'34"E 17.32';  
 Thence S19°46'26"E 13.30' to the beginning of a 1955.00' radius non-tangent curve concave southeasterly  
 Thence along the arc of said 1955.00' radius non-tangent curve (from a tangent which bears N67°10'23"E) a distance of 137.37 through a central angle of 04°01'33" and being subtended by a chord bearing and distance of N69°11'09"E 137.34';  
 Thence N70°01'34"E 145.70';  
 Thence N70°57'59"E 256.00';  
 Thence N70°28'39"E 384.94' to a point on said county line;  
 Thence S21°12'19"E 5.03' along said county line to the TRUE POINT OF BEGINNING.

Containing 20,737 Square Feet or 0.4761 Acres

1/30/2017 12:40 PM

**PARCEL 3:**

Commencing at a 8" diameter Concrete Monument with a Brass Disk stamped "RCE 20462 1990" set to mark "Mile 14" on the line between Sacramento County and El Dorado County as shown on Record of Survey filed October 31, 1990 in Book 48 of Record of Surveys at Page 13, in the office of The County Recorder of Sacramento County; Thence S21°12'19"E 4.84' along said line between Sacramento County and El Dorado County to the TRUE POINT OF BEGINNING;

Thence from said TRUE POINT OF BEGINNING, continuing along said county line S21°12'19"E 23.06';

Thence departing from said county line S76°57'09"W 10.68';

Thence S59°58'10"W 126.98';

Thence S67°47'04"W 362.14';

Thence S59°17'10"W 238.05';

Thence S60°58'52"W 360.99';

Thence S46°22'09"W 89.97';

Thence S06°35'44"W 91.82';

Thence S13°31'59"W 140.90';

Thence S36°25'28"W 199.60';

Thence S42°16'06"W 100.94';

Thence S38°00'37"W 33.83';

Thence N51°59'23"W 163.49';

Thence N19°50'49"E 83.98';

Thence N38°49'20"E 126.73';

Thence N51°10'40"W 147.64' to the beginning of a 1935.00' radius non-tangent curve concave southeasterly

Thence along the arc of said 1935.00' radius non-tangent curve (from a tangent which bears S46°45'15"W) a distance of 311.04' through a central angle of 09°12'36" and being subtended by a chord bearing and distance of S42°08'57"W 310.70;

Thence S37°32'39"W 593.13';

Thence S06°36'15"E 92.52';

Thence S37°10'50"W 132.74';

Thence S67°13'11"W 117.42';

Thence S36°41'58"W 694.99';

Thence S37°11'57"W 152.59';

Thence S31°20'11"W 97.89';

Thence S37°12'00"W 312.67';

Thence S37°41'58"W 196.24' to a point on the south line of the northeast one-quarter of Section 29, Township 10 North, Range 8 East M.D.B. & M.;

Thence S88°55'02"W 38.48' along said south line;

Thence departing from said south line N37°41'58"E 220.34';

Thence N37°11'59"E 310.87';

Thence N31°20'11"E 97.89';

Thence N37°11'58"E 153.86';

1/30/2017 11:51 AM



Thence N36°41'58"E 748.94' to the beginning of a 12537.00' radius tangent curve concave southeasterly

Thence along the arc of said 12537.00' radius tangent curve a distance of 71.11' through a central angle of 00°19'30" and being subtended by a chord bearing and distance of N36°51'43"E 71.11';

Thence S76°13'14"E 68.50';

Thence N25°19'19"E 35.01';

Thence N41°29'35"W 55.42';

Thence N28°17'18"E 39.70';

Thence N37°32'39"E 658.12' to the beginning of a 1965.00' radius tangent curve concave southeasterly

Thence along the arc of said 1965.00' radius tangent curve a distance of 393.01' through a central angle of 11°27'34" and being subtended by a chord bearing and distance of N43°16'26"E 392.36';

Thence N56°34'32"E 117.41' to the beginning of a 1953.00' radius non-tangent curve concave southeasterly

Thence along the arc of said 1953.00' radius non-tangent curve (from a tangent which bears N52°25'13"E) a distance of 131.34' through a central angle of 03°51'12" and being subtended by a chord bearing and distance of N54°20'49"E 131.32';

Thence S32°41'54"E 51.98';

Thence S04°55'28"W 52.30';

Thence S85°04'32"E 61.43';

Thence N04°55'28"E 110.03' to the beginning of a 154.57' radius tangent curve concave westerly;

Thence along the arc of said 154.57' radius tangent curve a distance of 43.85' through a central angle of 16°15'18" and being subtended by a chord bearing and distance of N03°12'11"W 43.70';

Thence N68°49'24"E 70.98';

Thence N60°56'00"E 195.10';

Thence N70°13'20"E 147.16';

Thence N64°14'19"E 112.21';

Thence N72°11'50"E 158.22';

Thence N53°58'52"E 29.30';

Thence N70°54'11"E 460.95' to the TRUE POINT OF BEGINNING.

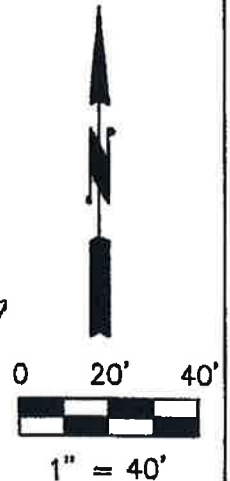
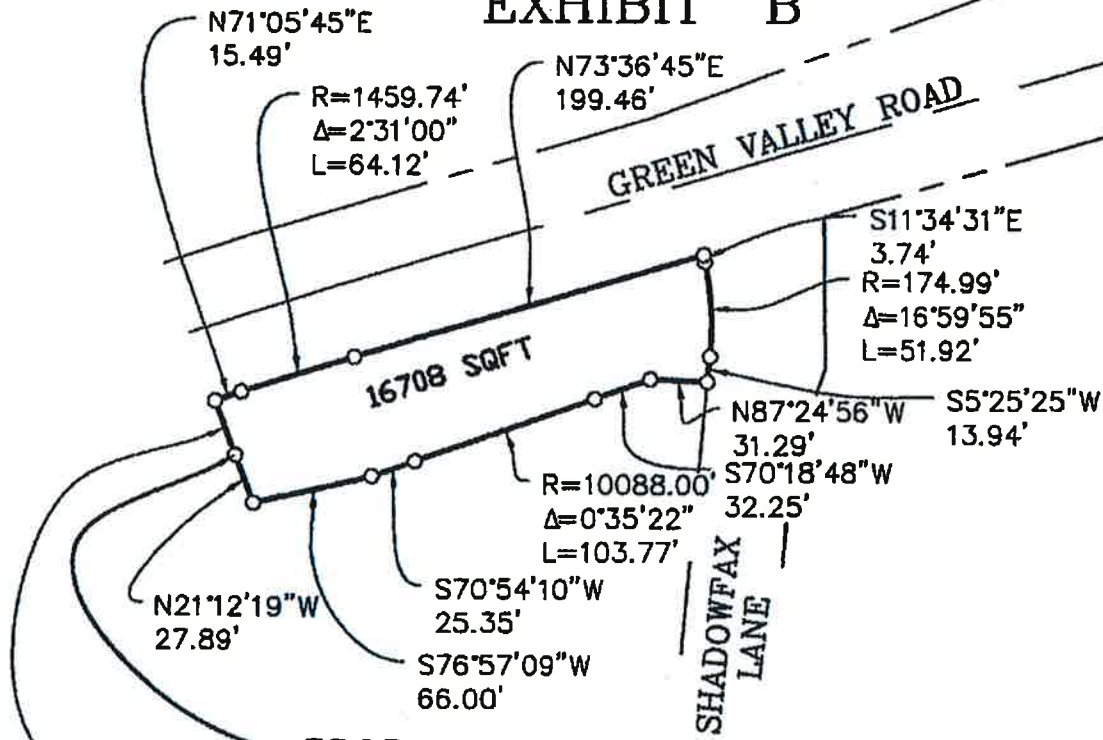
Containing 322,333 Square Feet or 7.3997 Acres

The Basis of Bearings used herein is the County Line between Sacramento County and El Dorado County as shown on Record of Survey filed October 31, 1990 in Book 48 of Record of Surveys at Page 13 in the office of The County Recorder of Sacramento County.



1/30/2017 11:51 AM

# EXHIBIT "B"



## LEGEND

- DIMENSION POINT

THE BASIS OF BEARINGS USED HEREIN IS THE COUNTY LINE BETWEEN SACRAMENTO COUNTY AND EL DORADO COUNTY AS SHOWN ON RECORD OF SURVEY FILED OCTOBER 31, 1990 IN BOOK 17 OF RECORD OF SURVEYS AT PAGE 147 IN THE OFFICE OF THE COUNTY RECORDER OF EL DORADO COUNTY.

**DOKKEN**  
ENGINEERING  
110 BLUE RAVINE ROAD, SUITE 200  
FOLSOM, CA 95630  
(916) 858-0642

### TEMPORARY LICENSE

DATE: 8/22/17

COUNTY OF EL DORADO  
STATE OF CALIFORNIA

APN:

DE NO.

CHECKED BY: TF

PREPARED BY: DS

SHEET 1 OF 1

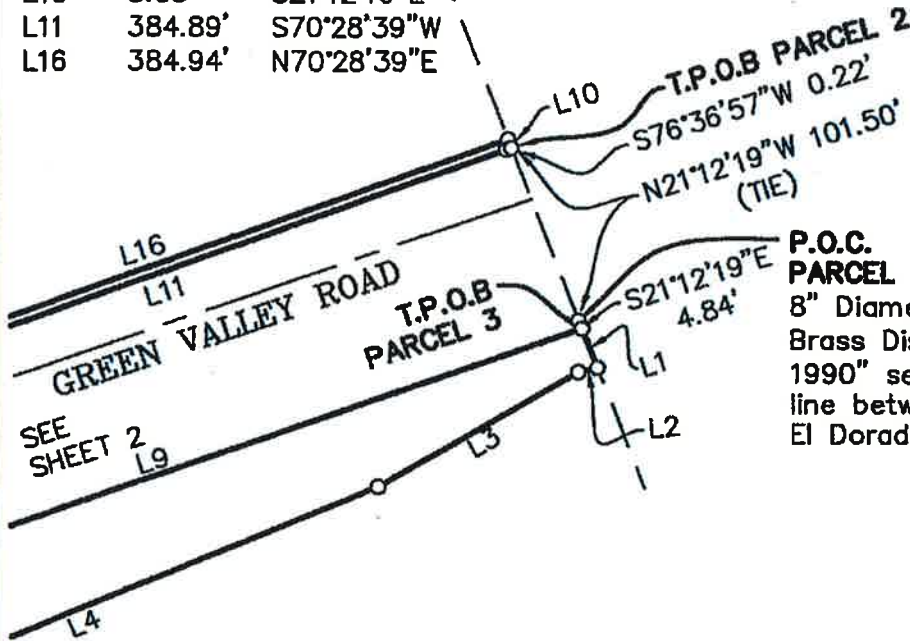
OWNER:

J:\2110\_Green\_Valley\_Rd\_Widening\400\460\_RoW\_Engr\Free For Terry\2110\_Plate.dwg

# Exhibit "B"

# EXHIBIT "B"

LINE TABLE		
LINE	LENGTH	BEARING
L10	5.03'	S21°12'19"E
L11	384.89'	S70°28'39"W
L16	384.94'	N70°28'39"E

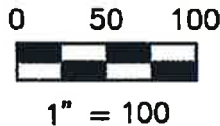


**P.O.C. PARCEL 1 & PARCEL 2 & PARCEL 3**  
 8" Diameter Concrete Monument with Brass Disk stamped "RCE 20462 1990" set to mark "Mile 14" on the line between Sacramento County and El Dorado County.

LINE TABLE		
LINE	LENGTH	BEARING
L1	23.06'	S21°12'19"E
L2	10.68'	S76°57'09"W
L3	126.98'	S59°58'10"W
L4	362.14'	S67°47'04"W
L9	460.95'	N70°54'11"E

### LEGEND

○ DIMENSION POINT

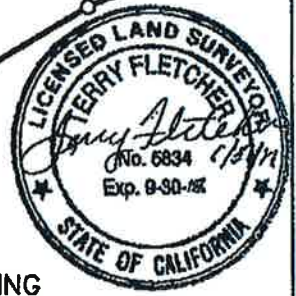
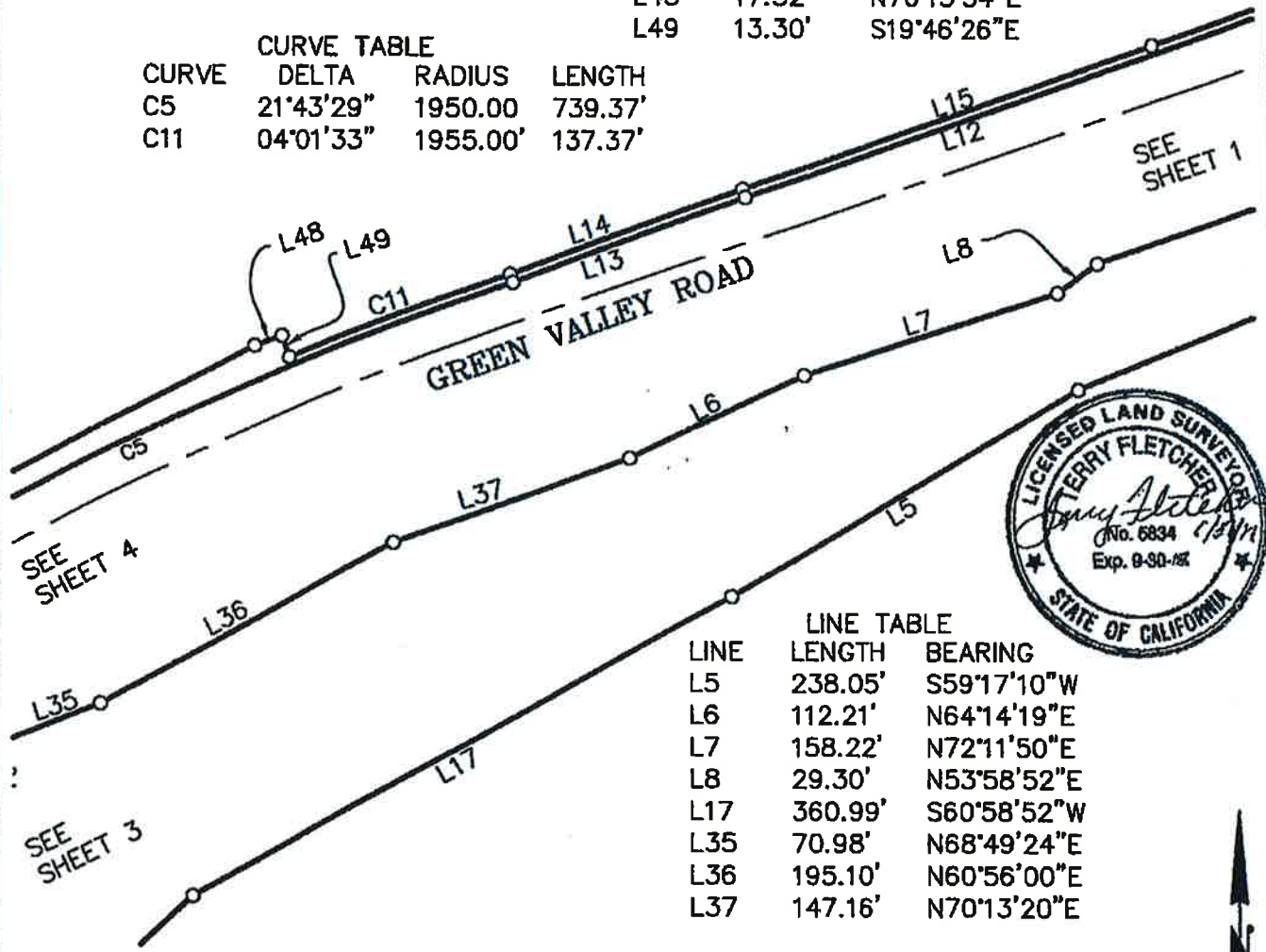


The Basis of Bearings used herein is the County line between Sacramento County and El Dorado County as shown on Record of Survey filed October 31, 1990 in Book 48 of Record of Surveys at Page 13 in the office of The County Recorder of Sacramento County.

<p>110 BLUE RAVINE ROAD, SUITE 200          FOLSOM, CA 95630          (916)858-0642</p>	<b>TEMPORARY LICENSE AGREEMENT</b>		DATE: 1/30/17
	CITY OF FOLSOM		APN: 071-060-015
	COUNTY OF SACRAMENTO		DE NO.
	STATE OF CALIFORNIA		SHEET 1 OF 7
OWNER:	CHECKED BY: TF	PREPARED BY: DS	

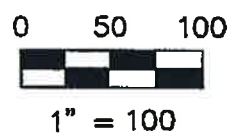
# EXHIBIT "B"

CURVE TABLE				LINE TABLE		
CURVE	DELTA	RADIUS	LENGTH	LINE	LENGTH	BEARING
C5	21°43'29"	1950.00	739.37'	L12	255.98"	S70°57'59"W
C11	04°01'33"	1955.00'	137.37'	L13	145.71'	S70°01'34"W
				L14	145.70	N70°01'34"E
				L15	256.00	N70°57'59"E
				L48	17.32'	N70°13'34"E
				L49	13.30'	S19°46'26"E



LINE TABLE		
LINE	LENGTH	BEARING
L5	238.05'	S59°17'10"W
L6	112.21'	N64°14'19"E
L7	158.22'	N72°11'50"E
L8	29.30'	N53°58'52"E
L17	360.99'	S60°58'52"W
L35	70.98'	N68°49'24"E
L36	195.10'	N60°56'00"E
L37	147.16'	N70°13'20"E

**LEGEND**  
 ○ DIMENSION POINT



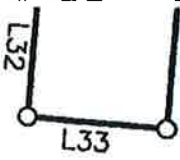
The Basis of Bearings used herein is the County Line between Sacramento County and El Dorado County as shown on Record of Survey filed October 31, 1990 in Book 48 of Record of Surveys at Page 13 in the office of The County Recorder of Sacramento County.

 110 BLUE RAVINE ROAD, SUITE 200 FOLSOM, CA 95630 (916)858-0842	<b>TEMPORARY LICENSE AGREEMENT</b>		DATE: 1/30/17
	CITY OF FOLSOM COUNTY OF SACRAMENTO STATE OF CALIFORNIA		APN: 071-060-015
	CHECKED BY: TF	PREPARED BY: DS	DE NO.
			SHEET 2 OF 7
OWNER:			

z:\2110\_Green\_Valley\_Rd\_Widening\400\480\_RotW\_Eng\Plots\2110\_Plots.dwg

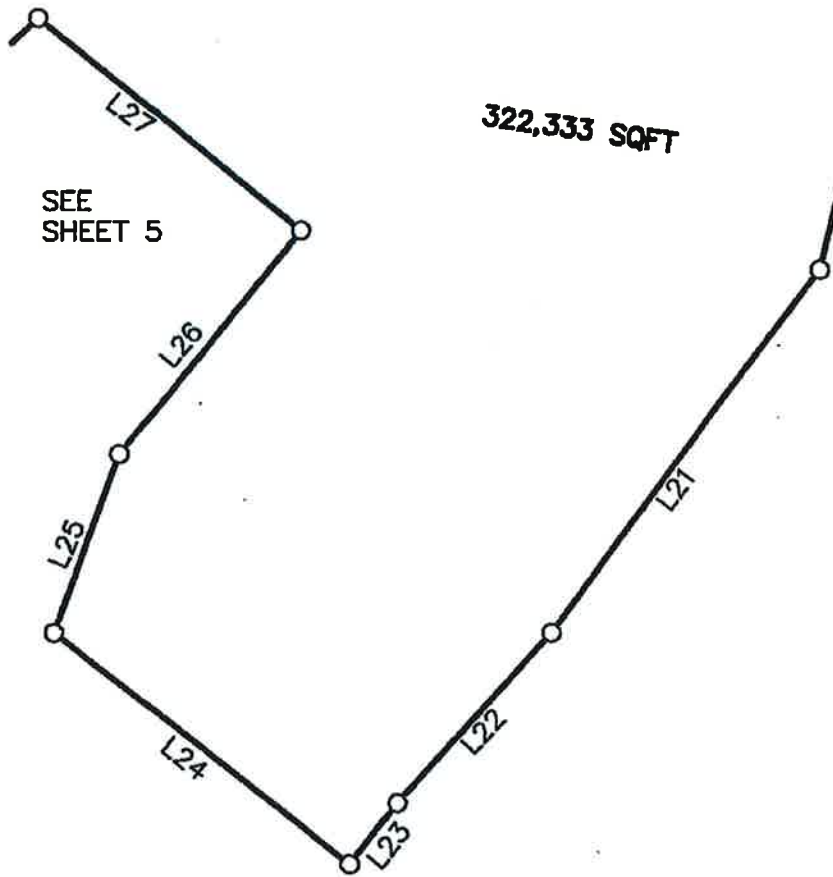
# EXHIBIT "B"

GREEN VALLEY ROAD  
SEE SHEET 4  
L30



SEE SHEET 1  
L18

322,333 SQFT

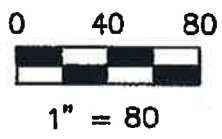


SEE SHEET 5  
L27

LINE	LENGTH	BEARING
L18	89.97'	S46°22'09"W
L19	91.82'	S06°35'44"W
L20	140.90'	S13°31'59"W
L21	199.60'	S36°25'28"W
L22	100.94'	S42°16'06"W
L23	33.83'	S38°00'37"W
L24	163.49'	N51°59'23"W
L25	83.98'	N19°50'49"E
L26	126.73'	N38°49'20"E
L27	147.64'	N51°10'40"W
L30	117.41'	N56°34'32"E
L32	52.30'	S04°55'28"W
L33	61.43'	S85°04'32"E

**LEGEND**

○ DIMENSION POINT



The Basis of Bearings used herein is the County Line between Sacramento County and El Dorado County as shown on Record of Survey filed October 31, 1990 in Book 48 of Record of Surveys at Page 13 in the office of The County Recorder of Sacramento County.

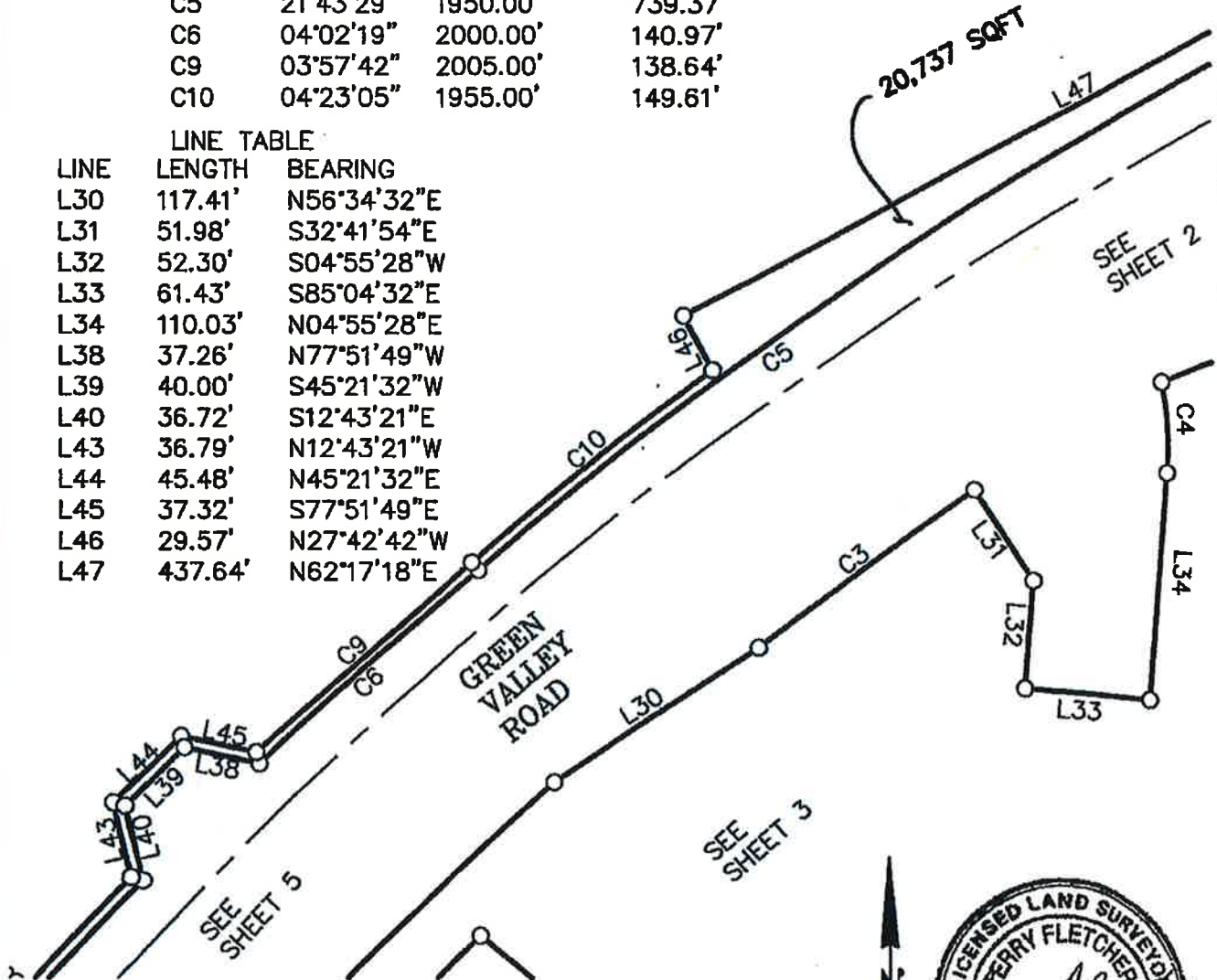
 110 BLUE RAVINE ROAD, SUITE 200 FOLSOM, CA 95630 (916)858-0642	<b>TEMPORARY LICENSE AGREEMENT</b>		DATE: 1/30/17
	CITY OF FOLSOM		APN: 071-060-015
	COUNTY OF SACRAMENTO		DE NO.
	STATE OF CALIFORNIA		SHEET 3 OF 7
OWNER:	CHECKED BY: TF	PREPARED BY: DS	

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# EXHIBIT "B"

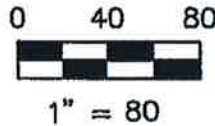
CURVE TABLE			
CURVE	DELTA	RADIUS	LENGTH
C3	03°51'12"	1953.00'	131.34'
C4	16°15'18"	154.57'	43.85'
C5	21°43'29"	1950.00'	739.37'
C6	04°02'19"	2000.00'	140.97'
C9	03°57'42"	2005.00'	138.64'
C10	04°23'05"	1955.00'	149.61'

LINE TABLE		
LINE	LENGTH	BEARING
L30	117.41'	N56°34'32"E
L31	51.98'	S32°41'54"E
L32	52.30'	S04°55'28"W
L33	61.43'	S85°04'32"E
L34	110.03'	N04°55'28"E
L38	37.26'	N77°51'49"W
L39	40.00'	S45°21'32"W
L40	36.72'	S12°43'21"E
L43	36.79'	N12°43'21"W
L44	45.48'	N45°21'32"E
L45	37.32'	S77°51'49"E
L46	29.57'	N27°42'42"W
L47	437.64'	N62°17'18"E



**LEGEND**

○ DIMENSION POINT



The Basis of Bearings used herein is the County Line between Sacramento County and El Dorado County as shown on Record of Survey filed October 31, 1990 in Book 48 of Record of Surveys at Page 13 in the office of The County Recorder of Sacramento County.

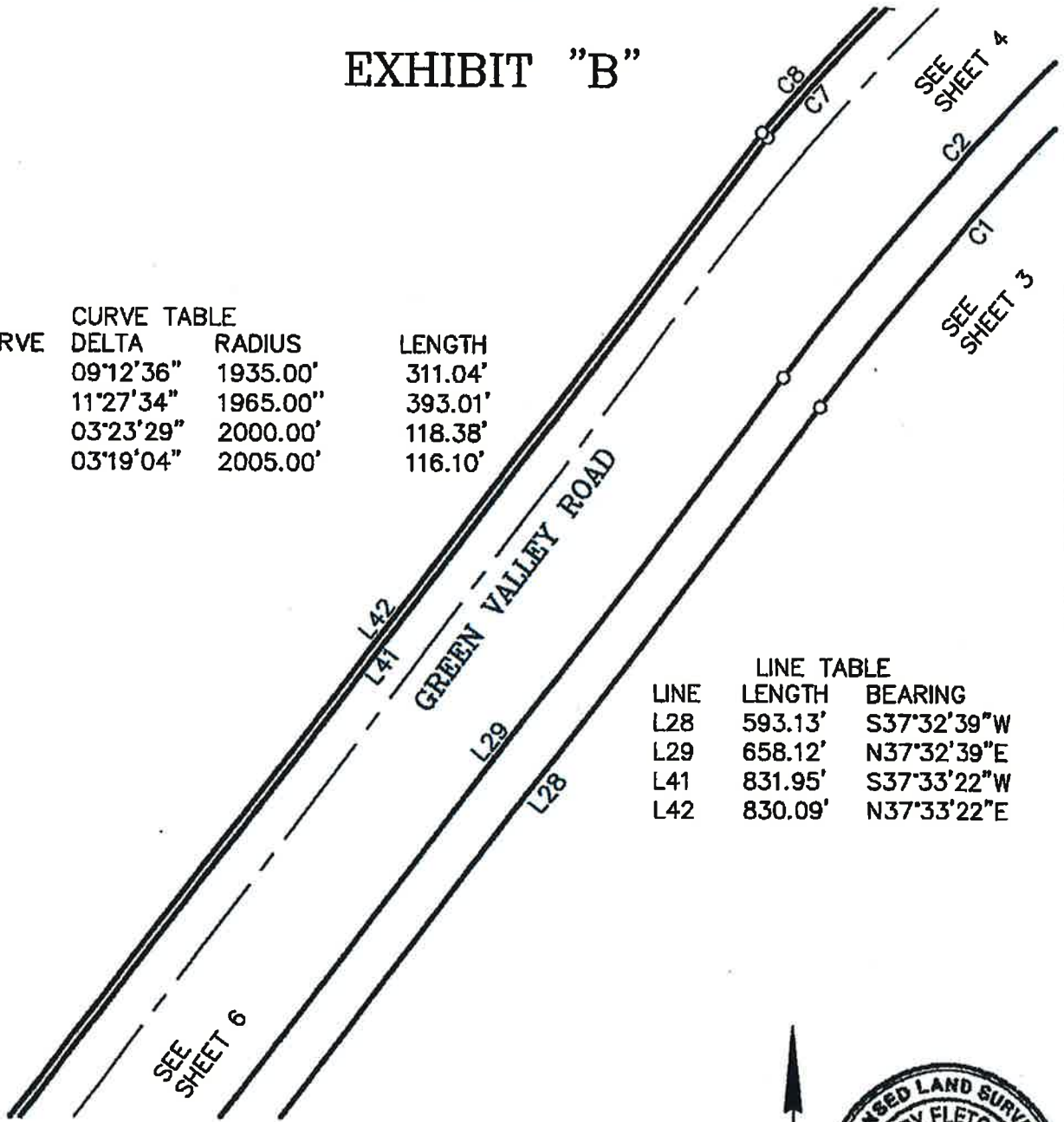
 110 BLUE RAVINE ROAD, SUITE 200 FOLSOM, CA 95630 (916)858-0642	<b>TEMPORARY LICENSE AGREEMENT</b>		DATE: 1/30/17
	CITY OF FOLSOM		APN: 071-060-015
	COUNTY OF SACRAMENTO		DE NO.
	STATE OF CALIFORNIA		SHEET 4 OF 7
OWNER:	CHECKED BY: TF	PREPARED BY: DS	

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# EXHIBIT "B"

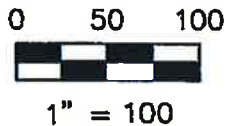
CURVE TABLE			
CURVE	DELTA	RADIUS	LENGTH
C1	09°12'36"	1935.00'	311.04'
C2	11°27'34"	1965.00"	393.01'
C7	03°23'29"	2000.00'	118.38'
C8	03°19'04"	2005.00'	116.10'

LINE TABLE		
LINE	LENGTH	BEARING
L28	593.13'	S37°32'39"W
L29	658.12'	N37°32'39"E
L41	831.95'	S37°33'22"W
L42	830.09'	N37°33'22"E



## LEGEND

○ DIMENSION POINT



The Basis of Bearings used herein is the County Line between Sacramento County and El Dorado County as shown on Record of Survey filed October 31, 1990 in Book 48 of Record of Surveys at Page 13 in the office of The County Recorder of Sacramento County.

**DOKKEN**  
ENGINEERING  
110 BLUE RAVINE ROAD, SUITE 200  
FOLSOM, CA 95630  
(916)858-0642

**TEMPORARY LICENSE AGREEMENT**

DATE: 1/30/17

CITY OF FOLSOM  
COUNTY OF SACRAMENTO  
STATE OF CALIFORNIA

APN: 071-060-015

DE NO.

CHECKED BY: TF

PREPARED BY: DS

SHEET 5 OF 7

OWNER:

# EXHIBIT "B"

CURVE TABLE			
CURVE	DELTA	RADIUS	LENGTH
C12	00°19'30"	12,537'	71.11'

LINE TABLE		
LINE	LENGTH	BEARING
L68	79.57'	S81°18'01"W
L69	33.15'	S37°08'45"W
L70	50.17'	S19°36'50"E
L71	5.98'	S37°10'50"W
L72	56.14'	N19°36'50"W
L73	37.88'	N37°08'45"E
L74	79.59'	N81°18'01"E

LINE TABLE		
LINE	LENGTH	BEARING
L50	92.52'	S06°36'15"E
L51	132.74'	S37°10'50"W
L52	117.42'	S67°13'11"W
L53	694.99'	S36°41'58"W
L63	748.94'	N36°41'58"E
L64	68.50'	S76°13'14"E
L65	35.01'	N25°19'19"E
L66	55.42'	N41°29'35"W
L67	39.70'	N28°17'18"E

## LEGEND

○ DIMENSION POINT

0 50 100



1" = 100



The Basis of Bearings used herein is the County Line between Sacramento County and El Dorado County as shown on Record of Survey filed October 31, 1990 in Book 48 of Record of Surveys at Page 13 in the office of The County Recorder of Sacramento County.

**DOKKEN ENGINEERING**  
 110 BLUE RAVINE ROAD, SUITE 200  
 FOLSOM, CA 95630  
 (916)858-0642

### TEMPORARY LICENSE AGREEMENT

DATE: 1/30/17

CITY OF FOLSOM  
 COUNTY OF SACRAMENTO  
 STATE OF CALIFORNIA

APN: 071-060-015

DE NO.

CHECKED BY: TF

PREPARED BY: DS

SHEET 6 OF 7

OWNER:



# EXHIBIT "B"

SEE DETAIL FOR  
PARCEL 1 TIE

T.P.O.B  
PARCEL 1

LINE	LENGTH	BEARING
L76	9.66'	S37°10'50"W
L77	30.74'	S68°20'18"W
L78	15.00'	S38°28'22"W
L79	33.85'	S08°30'21"W
L80	10.42'	S37°10'45"W
L81	44.33'	N08°30'21"E
L82	17.67'	N38°28'22"E
L83	40.34'	N68°20'18"E

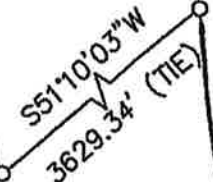
455 SQFT



GREEN VALLEY ROAD

T.P.O.B  
PARCEL 1

DETAIL



P.O.C. PARCEL 1 & PARCEL 2 & PARCEL 3

8" Diameter Concrete Monument with Brass Disk stamped "RCE 20462 1990" set to mark "Mile 14" on the line between Sacramento County and El Dorado County.

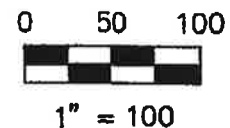
South line NE 1/4 SECTION 29, T10N, R8E M.D.B.&M

LINE	LENGTH	BEARING
L54	152.59'	S37°11'57"W
L55	97.89'	S31°20'11"W
L56	312.67'	S37°12'00"W
L57	196.24'	S37°41'58"W
L58	38.48'	S88°55'02"W
L59	220.34'	N37°41'58"E
L60	310.87'	N37°11'59"E
L61	97.89'	N31°20'11"E
L62	153.86'	N37°11'58"E



## LEGEND

○ DIMENSION POINT



The Basis of Bearings used herein is the County Line between Sacramento County and El Dorado County as shown on Record of Survey filed October 31, 1990 in Book 48 Record of Surveys at Page 13 in the office of The County Recorder of Sacramento County.

**DOKKEN ENGINEERING**  
110 BLUE RAVINE ROAD, SUITE 200  
FOLSOM, CA 95630  
(916)858-0642

### TEMPORARY LICENSE AGREEMENT

DATE: 1/30/17

CITY OF FOLSOM  
COUNTY OF SACRAMENTO  
STATE OF CALIFORNIA

APN: 071-060-015

DE NO.

CHECKED BY: TF

PREPARED BY: DS

SHEET 7 OF 7

OWNER:

# **ACCIDENT PREVENTION PLAN (APP)**

## **GREEN VALLEY ROAD WIDENING PROJECT**

**IN THE CITY OF FOLSOM, CA AND THE COUNTY OF EL DORADO, CA**



**NOVEMBER 2016**

**PREPARED BY THE CITY OF FOLSOM**

**IN COORDINATION WITH THE U.S. DEPARTMENT OF THE INTERIOR**

**BUREAU OF RECLAMATION**

**Exhibit "C"**

**Table of Contents**

**ACRONYMS AND ABBREVIATIONS ..... 2**

**SIGNATURE SHEET..... 3**

**KEY PERSONNEL ..... 5**

**1. INTRODUCTION ..... 6**

**2. SCOPE AND APPLICABILITY OF THE ACCIDENT PREVENTION PLAN ..... 6**

**3. VISITORS ..... 6**

**4. BACKGROUND INFORMATION ..... 7**

**5. RESPONSIBILITY AND LINES OF AUTHORITIES ..... 10**

**6. CONTRACTORS AND SUPPLIERS ..... 12**

**7. REQUIREMENTS FOR EMERGENCY RESPONSE TRAINING ..... 13**

**8. EMERGENCY PLAN ..... 14**

**9. SAFETY AND HEALTH INSPECTIONS..... 15**

**10. ACCIDENT REPORTING..... 15**

**11. PERSONAL PROTECTIVE EQUIPMENT ..... 16**

**12. HEAT ILLNESS PLAN ..... 17**

**ACRONYMS AND ABBREVIATIONS**

<b>AAP</b>	<b>Accident Prevention Program</b>
<b>AED</b>	<b>Automated External Defibrillators (First Aid Equipment and Certification)</b>
<b>ANSI</b>	<b>American National Standards Institute</b>
<b>CA</b>	<b>California</b>
<b>Cal/OSHA</b>	<b>California Occupational Safety and Health Administration</b>
<b>CCAO</b>	<b>Central California Area Office</b>
<b>CPR</b>	<b>Cardiopulmonary Resuscitation (First Aid Certification)</b>
<b>dBA</b>	<b>Decibel</b>
<b>H&amp;S</b>	<b>Health and Safety</b>
<b>HSD</b>	<b>Health and Safety Director</b>
<b>OSHA</b>	<b>Occupational Safety and Health Administration</b>
<b>PM</b>	<b>Project Manager</b>
<b>PPE</b>	<b>Personal Protective Equipment</b>
<b>RE</b>	<b>Resident Engineer</b>
<b>RECLAMATION</b>	<b>U.S. Department of the Interior, Bureau of Reclamation, Central California Area Office</b>
<b>SHSO</b>	<b>Site Health and Safety Officer</b>
<b>UL</b>	<b>Underwriters Laboratories (used in: UL approved Fuel Storage Containers)</b>
<b>USBR</b>	<b>U.S. Bureau of Reclamation</b>
<b>U.S.</b>	<b>United States</b>
<b>WBGT</b>	<b>Wet Bulb Globe Temperature Index</b>

**SIGNATURE SHEET**

**A. Plan Preparer:**

Signature: Richard T. Liptak  
Name: Richard Liptak, PE  
Title: Dokken Engineering, Project Manager  
Telephone: 916-858-0642

Date: 11/14/16

**B. Plan Approval:**

Signature: Brian Reed  
Name: Brian Reed, PE  
Title: City of Folsom, Project Manager  
Telephone: 916-353-1705

Date: 11/14/16

**C. Plan Concurrence:**

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Telephone: \_\_\_\_\_

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Telephone: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

**D. Acknowledgement and Compliance Commitment by Project Team**

**I have read and understood this Accident Prevention Plan (APP) for field activities involving the construction of the Green Valley Road Widening Project and will comply with the requirement stipulated in the Contract Documents. I agree to notify the City of Folsom should any unsafe activity be witnessed by me while I am on this site.**

Name (Print)	Organization	Signature	Date

**KEY PERSONNEL**

**Table 1: Key Personnel**

<b>Name</b>	<b>Title</b>	<b>Phone</b>
<b>Dave Nugen</b>	<b>City of Folsom, Public Works Director</b>	<b>916-355-7247</b>
<b>Brian Reed</b>	<b>City of Folsom Project Manager</b>	<b>916-353-1705</b>
<b>Adam Bane</b>	<b>County of El Dorado, Senior Civil Engineer</b>	<b>530-621-5983</b>
<b>Scott Moore</b>	<b>Reclamation, Realty Specialist</b>	<b>916-989-7177</b>
<b>Kyle Keer</b>	<b>Reclamation, MIAD Project Manager</b>	<b>916-989-7295</b>
<b>Elizabeth Dyer</b>	<b>Reclamation, Environmental (NRS)</b>	<b>916-989-7256</b>
<b>Sarah Perrin</b>	<b>Reclamation, Environmental</b>	<b>916-989-7173</b>
<b>Warren Kasper</b>	<b>Reclamation, Outdoor Recreation Planner</b>	<b>916-989-7265</b>
<b>Richard Preston</b>	<b>CA State Parks, Superintendent</b>	<b>916-988-0205</b>
<b>Richard Liptak</b>	<b>Dokken Engineering Project Manager</b>	<b>916-858-0642</b>
<b>Namat Hosseinion</b>	<b>Dokken Engineering, Environmental Planner</b>	<b>916-858-0642</b>

## ***1. INTRODUCTION***

This section of the Accident Prevention Plan (APP) defines the project scope of work and general responsibilities with respect to compliance with Health and Safety programs. The scheduled activities will be under the direction of the City of Folsom, Reclamation, El Dorado County, and CA State Parks. This project involves roadway widening work which includes but is not limited to: excavation of soil rock and wetland organic materials, transportation of excavated materials, tree removal, placement and movement of K-rail, installation of a water monitoring well, abandonment of existing groundwater observation wells, removal of asphalt surfacing and striping, placement of asphalt surfacing and striping, removal and replacement of cross culverts for storm water management, placement of hydroseed for temporary and permanent erosion control, installation of Metal Beam Guardrail, installation of roadside signs, a Chamber of Commerce Ad Sign, and installation of roadside fencing.

## ***2. SCOPE AND APPLICABILITY OF THE ACCIDENT PREVENTION PLAN***

The purpose of this Accident Prevention Plan is to protect everyone associated with the project site. This includes the public, contractors, inspectors, and project stakeholders. To accomplish this, the APP identifies the safety requirements to be followed at the site during roadway construction work. Applicability extends to all who visit the site during construction activities. All personnel on site shall be informed of the site procedures and any potential hazards of the operation. This document defines protective measures planned for the site. This plan must be reviewed by all personnel and an agreement to comply with the requirements must be acknowledged by all personnel.

## ***3. VISITORS***

All visitors will be required undergo a brief safety training by the City of Folsom's Project Inspector and the Site Health & Safety Officer assigned by the General Contractor alerting them to the features of this document and current site conditions that are relevant to the activity for which they are onsite. All visitors will be required to provide and don the appropriate personal protective equipment. In the



event that a visitor does not adhere to the provisions of this plan he/she will be requested to leave the site. All nonconformance incidents will be recorded in the Resident Engineers Daily Diaries.

#### **4. BACKGROUND INFORMATION**

**a. Construction Contractor:**

(to be determined at time of Bid Award)

**b. Project Name:**

Green Valley Road Widening Project

**c. Project Description and Location:**

The purpose of work is to widen Green Valley Road between East Natoma Street and Sophia Parkway from a 2 lane road to a 4 lane road with a 12 foot dual left turn and 8 foot shoulders. Two lanes through traffic will be maintained through the project area at all times, with the exception of limited nighttime closures required for placement of the initial K-rail, final surfacing, and striping.

Work hours will comply with the City of Folsom Standard Construction Specifications which are 7am to 6pm Monday through Friday, under permission only Saturday 8am to 5pm, no Sunday work allowed. Night work will be limited to the days identified in the Projects Contract Documents.

Prior to the start of the project, a preconstruction meeting will be held at which time the potential job and personnel safety hazards will be discussed.

**d. Activities Requiring Hazards Analysis:**

An activity hazards analysis for the project that identified potential hazards and recommended controls for various work elements/activities is presented in Table 2. The Contractor and the City of Folsom shall execute and maintain the work area so as to avoid injury or damage to any persons or property.

Table 2: Activity Hazard Analysis

Activity	Potential Hazards	Recommended Action/Controls
Mobilization / Site	Vehicular accidents	Press release by City of Folsom 1 month prior to start of

<p><b>Setup</b></p>	<p>caused by a change in corridor use / visual distractions associated with mobilization</p>	<p>construction. Post Portable Changeable Message Boards 1 month prior to construction to alert motorists to the upcoming activity. As a first order of work, post construction-warning signs and reduced speed limit signs (One week prior to start).</p>
<p><b>Heavy Equipment on Site</b></p>	<p>Construction workers and inspectors involved in accidents with equipment.</p>	<p>All site workers / visitors to complete safety training that will include awareness instructions. Personal Protective Equipment (PPE) to be worn at all times.</p>
<p><b>Equipment Entering and Exiting Site</b></p>	<p>Traveling public exposed to heavy equipment</p>	<p>The contractor shall follow proper safety procedures, which may include flaggers when entering and exiting the Project site. Vehicles will be limited to driving 15 mph and safety signs and warning cones shall be posted as necessary to give adequate warning to the public of any potentially dangerous conditions while driving or working in and onto the Project area. City Project Manager to review and approve all traffic safety submittals.</p>
<p><b>Equipment Maintenance</b></p>	<p>Equipment malfunction due to improper maintenance</p>	<p>1. All equipment used on site must be maintained in a proper functioning condition. All motors must be shut off and electrical, mechanical and hydraulic components locked out of service when making repairs. All equipment must be inspected daily prior to use. Equipment must be operated and maintained in accordance manufactures guidelines. Do not leave tools or parts loose on the equipment after maintenance has been performed. 2. All motors must be shut off during refueling. Smoking within 50-feet of equipment is not permitted. Fuel containers will not be stored within 10-feet of equipment motors. Fuel will be stored in UL approved safety containers with the contents clearly labeled. 3. A spill kit will be available to contain any accidental fuel or hydraulic fluid spills.</p>
<p><b>General Site Conditions (Biological Hazards)</b></p>	<p>Poisonous snakes, spiders, and plants Training to be provided by the Contractor's HSD using visual aids such as photographs.</p>	<p>Work area will be inspected prior to starting each day. Workers will take care to look before placing hands or feet into recesses or under objects while work activities occur. Workers will be trained to recognize poison oak for avoidance.</p>

<p><b>Air Quality</b></p>	<p><b>Naturally Occurring Asbestos</b></p>	<p>While the projects Materials Report tested for and concluded that Naturally Occurring Asbestos is not present in the project area, work will be conducted according to the provisions of the contractor prepared Asbestos Compliance plan (CCR Title 8, section 1529, The "Asbestos in Construction" standard) to minimize potential worker exposure to asbestos-containing materials at the project area. The plan identifies protocols for environmental and personnel monitoring, requirements for personal protective equipment, and other health and safety procedures for handling asbestos-containing soil.</p>
<p><b>Equipment Use</b></p>	<p>Lack of knowledge of specific equipment and proper use and care.  Training will be provided by the Contractor's HSD.</p>	<p>Only authorized personnel will operate equipment. Site-Specific Training Equipment Training First Aid/CPR/AED training (minimum of two people)</p>
<p><b>Inspection Requirements</b></p>	<p>Inspect all heavy equipment to ensure good operating condition prior to admitting them on to the site and on a daily basis.</p>	
<p><b>Training Requirements</b></p>	<p>Health and safety kickoff meeting, daily safety tailgate meeting by contractor foreman.</p>	

The USBR and the City of Folsom are committed to maintaining a safe and healthful work environment and to perform all field activities in compliance with federal, state, and local health and safety laws. Nothing we do warrants the loss of life, limb, sight, hearing or injury to our District employees, contractors, or visitors. Through a program of staff training and education, we strive to achieve a goal of zero accident, injuries, or illness for all of our projects. Personnel engaged in field activities must commit to fully comply with the job-specific health and safety plans and the following documents that are incorporated in the job-specific plans by reference:

- The Occupational Safety and Health Administration (OSHA) standards for general industry (Title 29 Code of Federal Regulations (CFR) 1910, for the construction industry; 29 CFR 1926, and 40 CFR 300.150);
- The California Occupational Safety and Health Administration (Cal/OSHA) standards contained in the California Code of Regulations (CCR) Title 8
- Caltrans Safety and Health Manual

- **Reclamation Health & Safety Manual.**

The District Health and Safety Program defines staff responsibilities and accountability and establishes the standards for the safe performance of work by personnel and contractors. Accidents waste resources, cost lives, and threaten our ability to compete our mission. The program provides the following framework for project planning and execution:

- **Execute the work in a way that protects personnel from safety hazards by eliminating unacceptable safety hazards and stop unsafe acts, thus preventing injury.**
- **Everyone on the project is empowered to stop unsafe acts as soon as they are discovered.**
- **Limit access to the controlled work zones at the site to authorized, trained, and qualified personnel only.**
- **Execute and effective emergency response plan should the need arise; and**
- **Receive timely feedback to aid in continuous safety improvements.**

## **5. RESPONSIBILITY AND LINES OF AUTHORITIES**

The City of Folsom personnel responsible for safe execution of field activities in this project and their specific function and accountability are as follows:

Mr./Ms. \_\_\_\_\_, Construction Contractors Project Manager (PM)

Mr./Ms. \_\_\_\_\_ will have the primary responsibility for the completion of all project activities. He/She will direct and oversee the performance of the work and consult on all safety-related issues and follow the guidance provide by the above referenced documents.

Mr./Ms. \_\_\_\_\_, Construction Contractors Health and Safety Director (HSD)

Mr./Ms. \_\_\_\_\_, the HSD for the Construction Contractor, will work directly with the Construction Contractors PM, and the Health and Safety Officer (SHSO), to ensure that work is performed in accordance with the project health and safety plan. Mr./Ms. \_\_\_\_\_ is at a level of authority to ensure that all District resources required ensuring safe operation are available to the project.

Mr./Ms. \_\_\_\_\_, the Project Inspector for the City of Folsom will work with the HSD assigned by the contractor to train vendor's, visitors and new personnel

prior to allowing them on the project site. The Project Inspector is the City of Folsom's representative for day to day operations on the project.

**The Site Health and Safety Officer (SHSO)**

SHSO will typically be the most senior representative from the Prime Construction Contractor on site, as designated by the PM and approved by the HSD. The SHSO will be on site during all construction activities. The SHSO will meet the requirements of OSHA Hazardous Waste Operations and Emergency Response Standard 29 CFR 1910.120. He/She, or another person who will be at the job site at all times, will also be CPR trained. The SHSO will be responsible for ensuring that site activities comply with the requirements and provisions of the safety plan. The SHSO will implement the provisions of this plan and notify the PM and HSD of any problems related to health and safety issues at the site. Specific responsibilities of the SHSO will be as follows:

- Conduct the initial site safety meeting for all site personnel.
- Ensure that all field personnel fully understand the job-specific Accident Prevention Plan (APP) and sign the Acknowledgement and Compliance Commitment section of the plans' Signature Page.
- Conduct daily "tailgate" safety briefings for employees, agents or subcontractors when they are on site prior to the commencement of construction activities. The briefings are to include discussions of the day's proposed tasks, hazards, work zone designations, weather conditions, safety procedures, emergency procedures, and any changes of the job-specific AAP documents.
- Develop and establish the site emergency procedures and implement any protocols identified in this and companion plans.
- Confirm that employees or contractor personnel satisfy training and surveillance requirements specified in the safety plan. Ensure that supporting documentation is available at the project site.
- Maintain PPE and other health and safety (H&S) equipment
- Maintain a daily H&S field record (by City of Folsom Inspector).
- Keeping the Prime Construction Contractors PM informed on project developments including:
  - Injuries, exposures, or illnesses

- Proposed changes in the work scope and procedures requiring adjustment to the safety plan.
- Implementing appropriate safeguards and procedures.
- Modifying this plan as necessary.
- Approving changes in safeguards used or operating procedures employed at the site.
- Conducting workplace inspections and documenting inspection results in a field notebook.

The SHSO will have the authority to do the following:

- Require that additional safety precautions be implemented.
- Order an evacuation of the site, or portion of the site, or shutdown any operations, if he/she believes a health and safety hazard exists.
- Deny unauthorized access to the site through the use of K-rail and Fenced Entrances.
- Require that any worker obtain immediate medical attention.
- Approve or disapprove any proposed modifications to safety precautions or working procedures.

#### Field Personnel

All personnel are responsible for taking all reasonable precautions to prevent accidents resulting to damage to equipment and property and causing injury to themselves and to their fellow workers. Personnel are required to review and fully understand this plan, sign the compliance commitment page on the Signature Sheet at the beginning of this document before beginning site activities, and implement the procedures and protocols specified herein. All accidents and any unsafe conditions or deviations from the procedures defined in this plan must be reported to the SHSO, or the PM.

## **6. CONTRACTORS AND SUPPLIERS**

\_\_\_\_\_ will be under contract with the City of Folsom to construct this project with their equipment and employees. In general, \_\_\_\_\_ and their subcontractors will be required to follow this safety plan before they are allowed access to the job site. In addition, their personnel will be required to comply with the health and safety requirements, such as those specified in this plan. The contractors are responsible for obtaining, maintaining, and properly employing their own safety

equipment and implementing necessary control measures. This includes PPE, respiratory protection, hard hats, monitoring equipment, and all other equipment and controls necessary to limit the risks of exposure to work site hazards and to protect the H&S of all employees. The contractor will also conduct safety meetings and safety orientation for all their employees and interface with the SHSO and HSD, as necessary, regarding the implementation of appropriate H&S procedures.

## **7. REQUIREMENTS FOR EMERGENCY RESPONSE TRAINING**

The most likely incidents requiring emergency response will involve medical emergencies. Field personnel emergency response will cover the following:

Emergency Response Responsibilities: The SHSO serves as the emergency response leader and is ultimately responsible for coordinating emergency response.

Emergency Telephone Numbers: Telephone numbers for individuals/agencies to contact in the event of an emergency (Table 3) will be made available to all field personnel.

**Table 3: Emergency Telephone Numbers**

<b>Emergency Agency/Contact</b>	<b>Phone Number</b>
Project Health and Safety Director: Mr./Ms. _____	( ) -
Project Manager: Mr./Ms. _____	
Life Threatening Emergencies (Fire, Ambulance Police)	911
Folsom Police Department -- 7 Digit Emergency Line	(916) 985-7551
Folsom Police Department -- Non Emergency Line	(916) 355-7231
Folsom Police Department -- Business Line	(916) 355-7230
El Dorado County Sherriff's Department- Emergency Line, Placerville	(530) 626-4911
El Dorado County Sheriff's Department -- Non Emergency Line	(530) 621-5655
Folsom Fire Department Administrative Staff	(916) 984-2280
Mercy Hospital of Folsom	(916) 983-7400
US Public Health Service Federal Occupational Health Service Nurse at 1325 J Street	(916) 557-6934
Environmental Emergency (National Response Center)	(800) 424-3063
Center for Disease Control	(404) 639-3311
Poison Control Center	(800) 523-2222
Cal/OSHA	(916) 263-0704

**Hospital Information:** The emergency first aid facility that is closest to the project work area is Mercy Hospital in Folsom, 1650 Creekside Drive, Folsom, CA 95630.

## 8. EMERGENCY PLAN

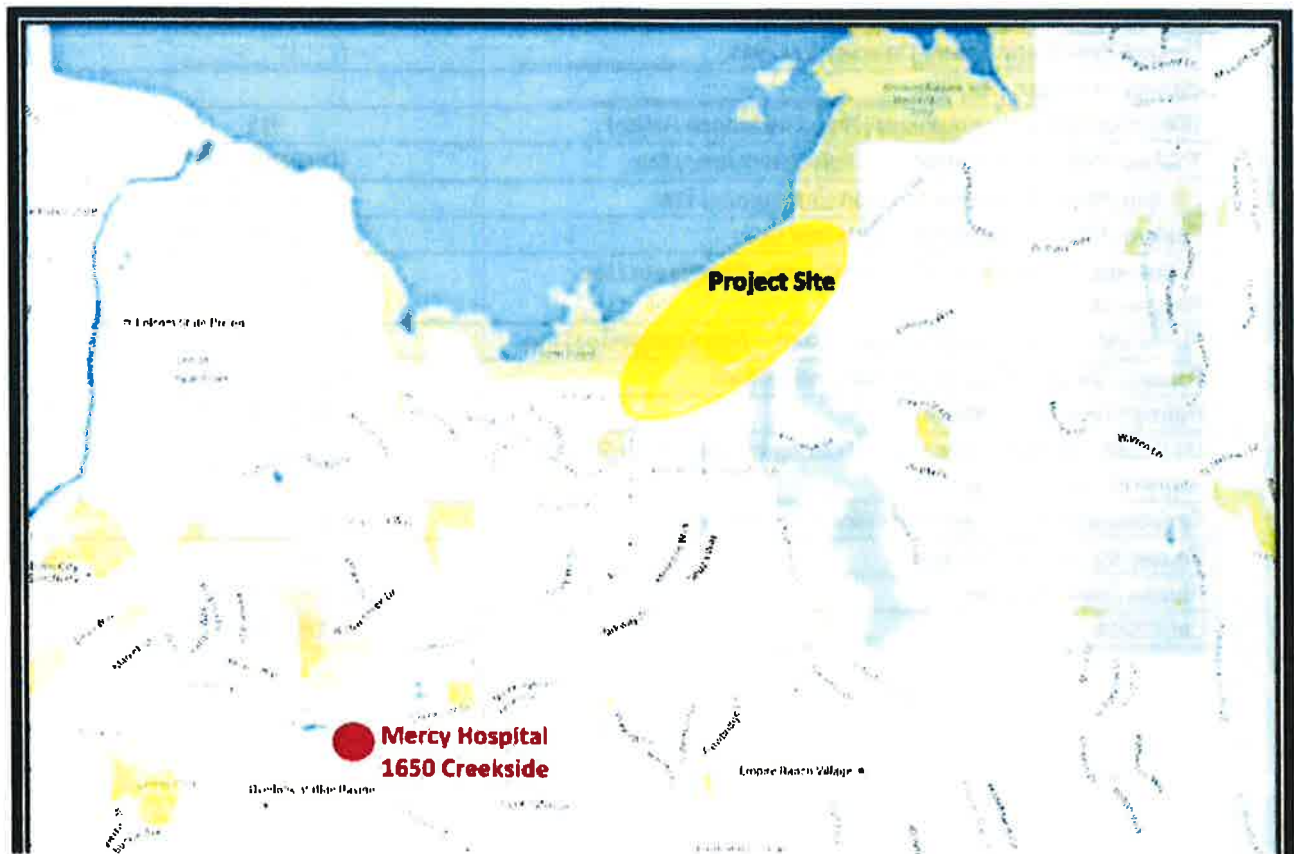
In the event of an accident or incident, the employee's supervisor and the Safety and Health Office shall be immediately notified. Within two working days of any reportable accident, the supervisor shall complete and submit an Accident Report.

### a. Nearest Medical Assistance:

**Mercy Hospital of Folsom**  
(916) 983-7400  
1650 Creekside Drive, Folsom, CA 95630

### b. Map to Mercy Hospital of Folsom:

Below is a map of the route to Mercy Hospital of Folsom, which can provide emergency care for individuals who may experience injury.





*Cellular Telephone (minimum of one on site at all times)*

**d. EMERGENCY EQUIPMENT AND FIRST AID KITS:**

The following emergency equipment will be available at each work location:

- Two 5-pound ABC-rated fire extinguishers
- An adequately stocked first aid kit and a first aid instruction manual.

The HSD shall make all members of the field team aware of the locations of the first aid kits kept on site. The SHSO on the project will be prepared and able to perform first aid and cardiopulmonary resuscitation (CPR).

Handling Medical Emergencies: Medical emergencies may result from accidents and mishaps. In the event of a serious injury or illness, field personnel will immediately notify 911 for assistance and an ambulance. If available the SHSO or designee who has current certification in first aid and CPR will be able to provide emergency care before the emergency medical team (EMT) arrives. Victims with suspected back or neck injuries are not to be moved. If there is evidence of serious trauma or unknown chemical exposure, the victim should be stabilized while awaiting the EMT.

## **9. SAFETY AND HEALTH INSPECTIONS**

The SHSO will conduct a safety inspection daily at the beginning of work and will document the results of these inspections. SHSO will be responsible for ensuring that deficiencies noted are corrected in a timely manner. Unannounced health and safety field audits may be performed by the HSD.

## **10. ACCIDENT REPORTING**

All accidents and near misses requiring immediate review and completion of an Incident Report. In the event of an injury-related accident, damage to property, or emergency situations, whether existing or imminent, the SHSO or designated field personnel must notify appropriate project team personnel as soon as possible but no later than two hours. The SHSO will notify the Project Manager and appropriate emergency contacts listed in Table 1 within 24 hours of the incident. (Contact James Holt, Safety and Security Chief for Bureau of Reclamation at 916-989-7129) Circumstances of the accident/incident and

preventative measure will be discussed in a special safety meeting that will be attended by the SHSO and PM, prior to resuming regular activities. The SHSO or PM will investigate cause(s) and recommend appropriate control measures. The SHSO will complete the incident report and determine if further investigation or corrective-measures are required. The SHSO will also notify the appropriate state or federal agencies of any reportable spills or releases.

Any employee who suffers an illness, injury, or chemical exposure at the worksite is required to see a physician. Depending on the extent and type of exposure, illness, or injury, it is critical to perform a medical follow-up within 24 to 48 hours. A worker may return to work only with the written approval of the attending physician. The SHSO will be responsible for completing the Injury/Illness/Exposure report for each incident.

## **11. PERSONAL PROTECTIVE EQUIPMENT**

The proposed roadway construction work is not expected to present an atmosphere containing known toxic hazards, or the potential for unexpected inhalation of or contact with hazardous levels of any chemicals. Accordingly, Level D PPE is expected to provide adequate protection for field employees. However, during field activities, the SHSO will routinely re-evaluate the conditions with respect to levels of protection required and may upgrade PPE requirements.

The minimum Level D ensemble consists of:

- Work clothes, which may consist of a cotton shirt and long cotton pants, or cotton coveralls.
- Steel-toe work boots;
- Safety glasses
- An ANSI-approved hard hat that is nonmetallic and impact resistant (worn whenever overhead hazards exist);
- Hearing protection (required when noise levels exceed 85 decibels A-scale-dBA; Hearing protection will be used if conversation at normal levels cannot be carried on at a distance of 3 feet.)

## **12. HEAT ILLNESS PLAN**

### ***a. Purpose***

To provide a safe and healthful working environment and protect workers who are exposed to temperature extremes and/or high humidity from heat related illnesses.

### ***b. Policy***

The workplace will be evaluated by the SHSO to determine if workers are at risk from heat related illnesses during temperature extremes and hot weather while working. If at any time it is determined that workers are at risk from heat related illnesses, the SHSO will implement the controls in this plan to prevent heat related illnesses.

### ***c. Provisions for Water***

An adequate supply of potable drinking water will be available on site to all workers. The water will be located in a central location and all workers will be encouraged to drink frequently.

### ***d. Controls for Reducing Heat Exposure***

Shade will be available to people working in the heat via pop-up shades, tents, etcetera. When possible work will begin and end early to avoid the hottest time of the day. Work windows will need to be coordinated with the noise restriction windows on the project. On very hot days workers will be encouraged to take extra breaks and to pace their activities to help reduce the possibility of heat related illness. In situations where heat stress may impact worker safety and health, the Wet Bulb Globe Temperature (WBGT) Index will be monitored and worker acclimation and workloads shall be assessed and worker/rest regiments shall be established. Extreme temperatures usually take 10 to 14 days for someone to be acclimated.

Workers shall be aware of the signs of heat stress such as fatigue, extreme sweating, or disorientation. If these symptoms are noted the SHSO shall be notified and corrective action taken, i.e. hydration, shortening the work periods, providing a shaded work area, etcetera.

If applicable, the Workers will be required to measure and record their heart rates. The monitoring frequency, as summarized in Table 4, are based on the Adjusted Temperature, which is defined as the ambient temperature plus thirteen times the percent sunshine.

1.  $^{\circ}\text{F}_{\text{adj.}} = ^{\circ}\text{F} + (13 \times \% \text{ sunshine})$ .
2. Where 100 percent sunshine would equal no cloud cover and a sharp distinct shadow
3. Zero percent sunshine would equal conditions where there are no shadows
4. To determine their heart rate, workers will count their radial pulse for 30 seconds as early as possible in the rest period. If the heart rate exceeds 110 beats per minute at the beginning of the rest period shorten the next work period by 1/3 and keep the rest period the same. The adjusted temperature and hear rates will be recorded in the Field Log.

**Table 4: OSHA Suggested Frequency of Physiological Monitoring of Fit and Acclimatized Workers<sup>a</sup>**

<b>Adjusted Temperature (see notes below)</b>	<b>For workers with normal work clothes, conduct monitoring...</b>	<b>For workers wearing impermeable protective clothing conduct monitoring...</b>
90°F or above	After each 45 minutes of work	After each 15 minutes of work
87.5° - 90°F	After each 60 minutes of work	After each 30 minutes of work
82.5° - 87.5°F	After each 90 minutes of work	After each 60 minutes of work
77.5° - 82.5°F	After each 120 minutes of work	After each 90 minutes of work
72.5° - 77.5°F	After each 150 minutes of work	After each 120 minutes of work
<p><sup>a</sup>Assumes work levels of 250 kilocalories/hour (e.g., a moderate work level) consider increasing the frequency for heavy work rates.</p> <p>For the purpose of this chart, a normal work ensemble consists of cotton coveralls or other cotton clothing with long sleeves and pants.</p>		

-END-

Contract Number 15-LC-20-0799

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF RECLAMATION

**LICENSE TO THE CITY OF FOLSOM  
TO  
WIDEN AND MAINTAIN  
GREEN VALLEY ROAD**

**THIS LICENSE**, made this 7<sup>th</sup> day of February, 2018, pursuant to the Act of Congress approved June 17, 1902 (32 Stat. 388) and all other amendatory or supplementary acts, by and between the **UNITED STATES OF AMERICA**, acting by and through its Department of the Interior, Bureau of Reclamation ("United States,") represented by the officer executing this instrument on its behalf, and **THE CITY OF FOLSOM**, represented by Mr. Evert Palmer, City Manager, the official signing this agreement on its behalf, hereinafter called "Licensee."

**RECITALS**

**WHEREAS**, the United States acquired certain lands and constructed various facilities as a feature of the Central Valley Project, appurtenant to the dam and reservoir known and designated as the Folsom Dam and Reservoir and adjacent lands in the Counties of Sacramento and El Dorado, State of California; the United States has previously granted easements for a road and incidental purposes to the city of Folsom, successor by incorporation to the County of Sacramento. The lands and waters of Folsom Dam are being administered by the Bureau of Reclamation for flood control, irrigation, power, recreation, water quality, and fish and wildlife enhancement.

**WHEREAS**, the Licensee has, in cooperation with the California Department of Transportation, proposes to widen Green Valley Road from two lanes to four lanes between East Natoma Street and Sophia Parkway.

**WHEREAS**, The United States has determined that entering United States land by the Licensee to widen Green Valley Road will not interfere with the purpose or purposes for which the land was acquired and is now being administered.

**NOW THEREFORE**, in consideration of the mutual agreements and subject to the terms and conditions herein contained, the parties hereto agree as follows:

## **1. LICENSE.**

The United States hereby issues to the Licensee, without warranty of title, a non-exclusive License to enter upon United States land for the specific purpose stated above:

*Those certain lands and waters in Sections 21, 28, 29, Township 10 North, Range 8 East; Mount Diablo Base and Meridian, as shown on the attached vicinity map marked Exhibit "A" and Project map marked Exhibit "B", both of which are attached hereto and made a part hereof. Exhibit "C" as shown is the Accident Prevention Plan.*

## **2. TERMS AND CONDITIONS.**

The License given herein is subject to the following:

- a. Licensee submitted a deposit check in the amount of \$100, dated December 1, 2014 and made payable to Reclamation. The deposit was used to open a reimbursable expense account in the name of the Licensee for all United States employee administrative expenses to include but not limited to environmental and realty expenses. Administrative fees have been estimated at \$2000 and have been submitted to Reclamation, check number 370946, dated December 18, 2014.
- b. The privileges given under this License are personal, revocable and nontransferable and shall not be construed as granting to the Licensee any right, title of interest in the lands or facilities of the United States.
- c. The term of this License shall become effective when the United States is in receipt of a fully executed copy of this License, liability insurance as noted in terms 2 in accordance with 43 Code of Federal Regulation (CFR) 429, and shall continue for 5 years from that date, unless sooner terminated as provided for herein. And with the possibility of four extensions up to 5 years each as may be necessary.
- d. All construction activities related to the Green Valley Road Widening Project (Project) shall be accomplished to the satisfaction of Reclamation by and at the expense of the licensee and shall be in full accordance with, but not limited to the previously submitted and accepted documents(s), "Green Valley Road Widening Project Plans for Construction of Improvements" (Plan), prepared by Dokken Engineering and dated December 1, 2017. All work associated with the Project Plans must be coordinated 48 hours in advance with Reclamation and any changes to the Plans, including but not limited to scheduling, staging, location sites, or Project activities, must be submitted in advance for Reclamation's prior approval, Reclamation reserves the right to inspect the site at any time.
- e. During construction, the Licensee will be responsible for the site Storm Water Pollution Prevention Plan Best Management Practices responsibilities. (SWPPP). The Licensee agrees to submit to the contractor a developed SWPPP for Reclamation to review and accept prior to equipment and personnel mobilization.

- f. All requests for proposed use or site changes must be submitted in writing to the Central California Area Manager, 7794 Folsom Dam Road, Folsom, CA 95630.
- g. No waste materials of any kind shall be left on Reclamation land or waters. The Licensee shall remove any excavated material and dispose of it offsite.
- h. Access to the License Project area will be off of the existing Green Valley Road onto Federal lands from both the north and south side of Green Valley Road, Folsom, California.
- i. The rights granted by the License are subordinate to the rights of the United States, its agents, employees, or assigns. Public use of any portion of the area covered by this License may be restricted by the United States whenever the United States determines that such restriction is necessary in the interest of the Central Valley Project.
- j. Throughout the period of the License, the Licensee shall maintain in force proof of liability insurance. Said policies shall name the United States as additional insured and shall provide that they will not be canceled or reduced in coverage without ten (10) days prior notice from the Licensee. Licensee shall maintain such policies of liability insurance provide limits of not less than \$1,000,000 for each person and \$2,000,000 for each occurrence for bodily injury or death, and not less than \$1,000,000 property damage. Prior to execution of said License, the Licensee shall cause to be delivered to Reclamation a copy of the Certificate of Insurance reflecting all essential coverage.
- k. A representative of the sponsoring organization will call the Resource Manager at least 48 hours prior to the event to coordinate all activities.
- l. All necessary road signs and markers will be furnished by the Licensee. Wording, size, and site location of all signs and markers must have the Area Manager's approval. No signs or markers are to be erected prior to 24 hours before the activity and all such items shall be removed no later than 5:00 PM.
- m. Licensee will immediately notify the Central California Area Manager of any accidents, injuries, or crime in connection with this event or any of its participants. The Licensee and its contractor(s) shall have emergency phone numbers and addresses posted on the job site; in accordance with the Project Safety Plan hereto attached as exhibit "C".
- n. Throughout the period of this License, Licensee shall be solely responsible for security of their property and protection of others from any danger created by the Licensee's activities. The Licensee and its contractor(s) shall execute and maintain their work so as to avoid injury or damage to any person or property.
- o. The Licensee shall follow proper safety procedures, which may include flaggers, when entering and exiting the Project site. Vehicles will be limited to driving 15 mph and safety signs and warning cones shall be posted as necessary to give adequate warning

to the public of any potentially dangerous conditions while driving or working in and onto the Project area. Access shall be limited to Monday-Friday, 7:00 a.m. to 6:00 p.m.

### **3. LAND USE FEES.**

Land use fees for this License will be waived in accordance with 43 CFR 492.26.

### **4. INDEMNIFICATION AND HOLD HARMLESS.**

The Licensee hereby agrees to indemnify and hold harmless the United States, its employees, agents, and assigns from any loss or damage and from any liability on account of personal injury, property damage, or claims for personal injury or death arising out of the Licensee's activities under this License.

### **5. TERMINATION.**

Upon the expiration of the term or upon the earlier termination of this License as provided below, this License will terminate and all rights of the Licensee hereunder will cease, and the Licensee will quietly deliver to the United State possession of the premises in like condition as when taken, reasonable wear and damage by the elements excepted:

- a. At the expiration of the term as provided by here; or
- b. At the option of the United States, upon failure of the Licensee to observe and of the terms and conditions of this License.
- c. Immediately upon occurrence of any activity deemed to be illegal on Federal lands; or
- d. At the request of the Licensee;
  - i. If the termination is under Articles 6c. or d., the United States reserves the right to bar the Licensee from use of the licensed premises for a period of time as determined by the Central California Area Manager.
  - ii. The notices provided by this Article will be served by certified mail addressed to the respective address given in Article 6 herein, and mailing of any such notice properly enclosed, addressed, stamped, and certified, shall be considered service.

### **6. NOTICES.**

- a. Unless expressly set forth elsewhere in this License, any notice, demand, or request required or authorized by this License to be given or made to or upon the United States and or Reclamation shall be deemed properly given or made if delivered or mailed postage-prepaid, to the Central California Area Manager, Central California Area Office, Bureau of Reclamation, 7794 Folsom Dam Road, Folsom, CA 95630-1799.



- b. Any notice, demand, or request required or authorized by this License to be given or made to or upon the Licensee shall be deemed properly given or made if delivered or mailed postage-prepaid, Mr. Brian Reed, P.E., Public Works, City of Folsom, 50 Natoma Street, Folsom, CA 95630.

## **7. REMOVAL OF STRUCTURES.**

Upon the expiration, termination, or revocation of this License, the Licensee shall remove all structures, equipment, or other improvements made by it from the premises at no cost to the United States. Upon failure to remove any such improvements within one (1) day of expiration, termination, or revocation, any remaining improvements shall, at the option of the United States, be removed or become the property of the United States. The Licensee shall pay all expenses to the United States, or its assigns, related to removal of such improvements.

## **8. DISCOVERY OF CULTURAL RESOURCES.**

The License shall immediately provide an oral notification to Reclamation's authorized official of the discovery of any and all antiquities or other objects of cultural, historic, scientific interest Reclamations lands. The Licensee shall forward a written report of its findings to Reclamation's authorized official within 48 hours. Objects under consideration include, but are not limited to, historic or prehistoric ruins, human remains, funerary objects, and artifacts discovered as the result of activities under this easement. The Licensee shall immediately cease the activity in the area of the discovery, make a reasonable effort to protect such discovery, and wait for written approval from the authorized official before resuming the activities. Protective and mitigate measures specified by Reclamation's authorized official shall be the responsibility of the Licensee.

- a. When Reclamation's authorized official is notified of a cultural resources discovery, they shall immediately notify the appropriate cultural resources professional.

## **9. HAZARDOUS MATERIALS.**

During the term of the License, the Licensee and/or its contractors agree as follows:

- a. The Licensee may not allow contamination or pollution of Federal project lands, waters or project works of the United States or administered by the Bureau of Reclamation and for which the Licensee has the responsibility for care, operation, and maintenance by its employees or agents and shall take reasonable precautions to prevent such contamination or pollution by third parties. Substances causing contamination or pollution shall include but are not limited to hazardous materials, thermal pollution, refuse, garbage, sewage effluent, industrial waste, petroleum products, mine tailings, mineral salts, misused pesticides, pesticide containers, or any other pollutants.
- b. The Licensee and/or its contractors shall comply with all applicable Federal, State, and local laws and regulations, and Reclamation policies and directives and standards, existing or hereafter enacted or promulgated, concerning any hazardous material that will be used, produced, transported, stored, or disposed of on or in Federal lands, waters or facilities.

- c. "Hazardous material" means any substance, pollutant or contaminant listed as hazardous under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended (42 United States Code § 9601, et seq.), and the regulations promulgated pursuant to that Act.
- d. Upon discovery of any event which may or does result in contamination or pollution of Federal lands, waters or facilities, the Licensee shall initiate any necessary emergency measures to protect health, safety and the environment and shall report such discovery and full details of the actions taken to the Contracting Officer. Reporting may be within a reasonable time period. A reasonable time period means within twenty-four (24) hours of the time of discovery if it is an emergency or by the first working day if it is a non-emergency. An emergency is any situation that requires immediate action to reduce or avoid endangering public health and safety or the environment.
- e. Violation of any of the provisions of this Article, as determined by the Contracting Officer, may constitute grounds for termination of this License. Such violations require immediate corrective action by the licensee and shall make the licensee liable for the cost of full and complete remediation and/or restoration of any Federal resources or facilities that are adversely affected as a result of the violation.
- f. The Licensee agrees to include the provisions contained in paragraphs (a) through (e) of this Article in any subcontract or third-party contract it may enter into pursuant to this contract.
- g. Reclamation agrees to provide information necessary for the Licensee, using reasonable diligence, to comply with the provisions of this Article.

#### **10. UNRESTRICTED ACCESS.**

The United States reserves the right of its officers, agents, and employees at all times to have unrestricted access and ingress to, passage over, and egress from all of said lands, to make investigations of all kinds, dig test pits and drill test holes, to survey for and construct reclamation and irrigation works and other structures incident to Federal Reclamation Projects, or for any purpose whatsoever. Reclamation will make every reasonable effort to keep damages to a minimum.

#### **11. COVENANT AGAINST CONTINGENT FEES.**

The Licensee warrants that no person or agency has been employed or retained to solicit or secure this license upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee, excepting bona fide employees or bona fide established agencies maintained by the Licensee for the purpose of securing business. For breach or violation of this warranty, the United States shall have the right to annul this license without liability or in its discretion to require Licensee to pay, in addition to the license price or consideration, the full amount of such commission, percentage, brokerage, or contingent fee.

**12. ILLEGAL USE.**

Any activity deemed to be illegal on Federal lands will be cause for immediate termination of the use authorization.

**13. SEVERABILITY.**

Each provision of this license shall be interpreted in such a manner as to be valid under applicable law, but if any provision of this license shall be deemed or determined by competent authority to be invalid or prohibited hereunder, such provision shall be ineffective and void only to the extent of such invalidity or prohibition, but shall not be deemed ineffective or invalid as to the remainder of such provision or any other remaining provisions, or of the license as a whole.

**14. OFFICIALS NOT TO BENEFIT.**

No member of or delegate to Congress shall be admitted to any share or part of this agreement, or to any benefit that may arise from this agreement. This provision shall not be construed to extend to this agreement if made with a corporation for its general benefit.

**15. NONDISCRIMINATION ON THE BASIS OF RACE, COLOR, OR NATIONAL ORIGIN:**

The Licensee hereby agrees as follows:

- a. To comply with Title VI (Section 601) of the Civil Rights Act of July 2, 1964 (78 Stat. 241), which provides that "No person in the United States shall, on the ground of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity receiving Federal financial assistance, and to be bound by the regulations of the Department of the Interior for the effectuation thereof, as set forth in 43 CFR § 17.
- b. To obligate its subcontractors, sub Licensees, transferees, successors in interest, or any other participants receiving Federal financial assistance hereunder, to comply with the requirements of this provision.

**16. NONDISCRIMINATION ON THE BASIS OF HANDICAP.**

The Licensee hereby agrees as follows:

- a. To comply with Section 504 of the Rehabilitation Act of 1973, P.L. 93-112, as amended which is designed to eliminate discrimination on the basis of disability in any program or activity receiving Federal financial assistance.

**17. NONDISCRIMINATION ON THE BASIS OF AGE.**


The Licensee hereby agrees as follows:

- a. To comply with the Age Discrimination Act of 1975, as amended, 42 U.S.C. 6101 et seq., and the general age discrimination regulations at 45 CFR § 90 which are designed

to prohibit discrimination on the basis of age in programs and activities receiving Federal financial assistance, as set forth in 43 CFR § 17.


**IN WITNESS WHEREOF**, the parties hereto have caused this License to be executed the day and year first above written.

**THE UNITED STATES OF AMERICA**


By:   
Drew F. Lessard  
Area Manager  
Central California Area Office  
Bureau of Reclamation

**ACCEPTANCE:**

**CITY OF FOLSOM**, and its authorized representative, by the signature below, agrees to the terms and conditions above.

By:  Date: 1/17/18  
Evert W. Palmer  
City Manager


**ATTEST:**

By:  1/17/18  
Christa Freemantle Date  
City Clerk


**FUNDING AVAILABLE:**

By:  1/16/18  
James W. Francis Date  
CFO/Finance Director

**ORIGINAL APPROVED AS TO CONTENT:**

By:  1/12/18  
Dave Nugen Date  
Director of Public Works

**ORIGINAL APPROVED AS TO FORM:**

By:  1/17/18  
Steven Wang Date  
City Attorney

Folsom File No. 174-21 18-003  
Res 9665 10/27/2015



35813

**EXHIBIT "A"**  
**EL DORADO COUNTY 5 YEAR LICENSE AREA**

All that portion of the southwest one-quarter of Section 21, Township 10 North, Range 8 East, M.D.B.&M. in the County of El Dorado, State of California, more particularly described by metes and bounds as follows;

Beginning at a 8" diameter Concrete Monument with a Brass Disk stamped "RCE 20462 1990" set to mark "Mile 14" on the line between Sacramento County and El Dorado County as shown on Record of Survey filed October 31, 1990 in Book 17 of Record of Surveys at Page 147, in the office of The County Recorder of said County, said point being the TRUE POINT OF BEGINNING;

Thence from said TRUE POINT OF BEGINNING N21°12'19"W 31.71' along the line between Sacramento County and El Dorado County to a point on the southerly right of way line of Green Valley Road as shown on Record of Survey filed April 28, 2004 in Book 27 of Record of Surveys at Page 39, in the office of The County Recorder of said County;

Thence along said southerly right of way line the following three courses, (1) N71°05'45"E 15.49' to the beginning of a 1459.74' radius tangent curve concave southeasterly, (2) along the arc of said 1459.74' radius tangent curve a distance of 64.12' through a central angle of 02°31'00" and being subtended by a chord bearing and distance of N72°21'15"E 64.11' and (3) N73°36'45"E 199.46' to a point on the westerly right of way line of Shadowfax Lane as shown on Record of Survey filed April 28, 2004 in Book 27 of Record of Surveys at Page 39, in the office of The County Recorder of said County;

Thence along said westerly right of way line the following three courses, (1) S11°34'31"E 3.74' to the beginning of a 174.99' radius tangent curve concave westerly, (2) along the arc of said 174.99' radius tangent curve a distance of 51.92' through a central angle of 16°59'55" and being subtended by a chord bearing and distance of S03°04'33"E 51.73' and (3) S05°25'25"W 3.93';

Thence departing from said westerly right of way line N87°24'56"W 30.60';

Thence N28°38'34"W 21.46'

Thence S70°18'48"W 33.79' to the beginning of a 10058.00' radius tangent curve concave northwesterly;

Thence along the arc of said 10058.00' radius tangent curve a distance of 103.46' through a central angle of 00°35'22" and being subtended by a chord bearing and distance of S70°36'29"W 103.46';

Thence S70°54'10"W 91.83' to a point on the line between Sacramento County and El Dorado County as shown on Record of Survey filed October 31, 1990 in Book 17 of Record of Surveys at Page 147 in the office of The County Recorder of El Dorado County;

Thence N21°12'19"W 4.83' along the line between Sacramento County and El Dorado County to the TRUE POINT OF BEGINNING.

Containing 9,722 Square Feet or 0.2232 Acres, more or less.

The Basis of Bearings used herein is the County Line between Sacramento County and El Dorado County as shown on Record of Survey filed October 31, 1990 in Book 17 of Record of Surveys at Page 147 in the office of The County Recorder of El Dorado County.

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**Exhibit "A"**

**EXHIBIT "A"**  
**CITY OF FOLSOM 5 YEAR LICENSE AREA**

All those portions of Sections 21, 28 and 29, Township 10 North, Range 8 East, M.D.B&M. in the City of Folsom, County of Sacramento, State of California and being more particularly described by metes and bounds as follows;

**AREA 1:**

Commencing at a 8" diameter Concrete Monument with a Brass Disk stamped "RCE 20462 1990" set to mark "Mile 14" on the line between Sacramento County and El Dorado County as shown on Record of Survey filed October 31, 1990 in Book 48 of Record of Surveys at Page 13, in the office of The County Recorder of said County; Thence N21°12'19"W 111.78' to a point on the northerly line of Green Valley Road; Thence southwesterly along said northerly line the following three (3) courses, (1) S71°05'45"W 772.79' to the beginning of a tangent curve concave southeasterly having a radius of 2065.00' (2) along the arc of said tangent curve a distance of 1228.22' through a central angle of 34°04'42" and (3) S37°01'03"W 1802.25' to the TRUE POINT OF BEGINNING;

Thence from said TRUE POINT OF BEGINNING continuing along said northerly line S37°01'03"W 47.25';

Thence departing from said northerly line N08°30'21"E 22.85';

Thence N38°28'22"E 9.66';

Thence N68°20'18"E 20.51' to the TRUE POINT OF BEGINNING.

Containing 307 Square Feet or 0.0070 Acres

**AREA 2:**

Commencing at a 8" diameter Concrete Monument with a Brass Disk stamped "RCE 20462 1990" set to mark "Mile 14" on the line between Sacramento County and El Dorado County as shown on Record of Survey filed October 31, 1990 in Book 48 of Record of Surveys at Page 13, in the office of The County Recorder of said County; Thence N21°12'19"W 111.78' to a point on the northerly line of Green Valley Road; Thence southwesterly along said northerly line the following three (3) courses, (1) S71°05'45"W 772.79' to the beginning of a tangent curve concave southeasterly having a radius of 2065.00' (2) along the arc of said tangent curve a distance of 1228.22' through a central angle of 34°04'42" and (3) S37°01'03"W 717.97' to the TRUE POINT OF BEGINNING;

Thence from said TRUE POINT OF BEGINNING continuing along said northerly line S37°01'03"W 112.75';

Thence departing from said northerly line N19°36'50"W 12.12';

Thence N37°08'45"E 95.92';

Thence N81°18'01"E 14.19' to the TRUE POINT OF BEGINNING.

Containing 1,045 Square Feet or 0.0240 Acres

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**AREA 3:**

Commencing at a 8" diameter Concrete Monument with a Brass Disk stamped "RCE 20462 1990" set to mark "Mile 14" on the line between Sacramento County and El Dorado County as shown on Record of Survey filed October 31, 1990 in Book 48 of Record of Surveys at Page 13, in the office of The County Recorder of said County; Thence N21°12'19"W 111.78' to a point on the northerly line of Green Valley Road; Thence southwesterly along said northerly line the following two (2) courses, (1) S71°05'45"W 772.79' to the beginning of a tangent curve concave southeasterly having a radius of 2065.00' and (2) along the arc of said tangent curve a distance of 912.68' through a central angle of 25°19'24" to the TRUE POINT OF BEGINNING;

Thence from said TRUE POINT OF BEGINNING continuing along said northerly line along the arc of said curve a distance of 58.21' through a central angle of 01°36'55";

Thence departing from said northerly line N12°43'21"W 17.03';

Thence N45°21'32"E 40.00';

Thence S77°51'49"E 16.80' to the TRUE POINT OF BEGINNING.

Containing 692 Square Feet or 0.0159 Acres

**AREA 4:**

Beginning at a 8" diameter Concrete Monument with a Brass Disk stamped "RCE 20462 1990" set to mark "Mile 14" on the line between Sacramento County and El Dorado County as shown on Record of Survey filed October 31, 1990 in Book 48 of Record of Surveys at Page 13, in the office of The County Recorder of said County, said point being the True Point of Beginning;

Thence from said True Point of Beginning S21°12'19"E 4.83' along said County line;

Thence departing from said County line S70°54'11"W 460.95';

Thence S53°58'52"W 29.30';

Thence S72°11'50"W 158.22';

Thence S64°14'19"W 112.21';

Thence S70°13'20"W 147.16';

Thence S60°56'00"W 195.10';

Thence S68°49'24"W 70.98' to a point on the arc of a non-tangent curve concave westerly having a radius of 154.57';

Thence southerly along the arc of said non-tangent curve (from a tangent which bears S11°19'50"E) a distance of 43.85' through a central angle of 16°15'18";

Thence S04°55'28"W 110.03';

Thence N85°04'32"W 61.43';

Thence N04°55'28"E 52.30';

Thence N32°41'54"W 51.98';

Thence S54°20'49"W 131.32';

Thence S56°34'32"W 117.41' to a point on the arc of a non-tangent curve concave southeasterly having a radius of 1965.00';

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Thence southerly along the arc of said non-tangent curve (from a tangent which bears S49°00'13"W) a distance of 393.01' through a central angle of 11°27'34";

Thence S37°32'39"W 658.12';

Thence S13°10'24"E 78.54';

Thence S25°19'19"W 35.01';

Thence N87°23'38"W 76.28';

Thence S36°49'31"W 55.03';

Thence S36°41'58"W 748.94';

Thence S37°11'58"W 153.86';

Thence S31°20'11"W 97.89';

Thence S37°11'58"W 310.69';

Thence S37°41'58"W 220.42' to a point on the south line of the northeast one-quarter of Section 29, Township 10 North, Range 8 East M.D.B. & M.;

Thence S88°55'02"W 59.64' along said south line to its intersection with the southerly line of Green Valley Road;

Thence northeasterly along said southerly line the following three (3) courses (1) N37°01'03"E 2397.66' to the beginning of a tangent curve concave southeasterly having a radius of 1985.00' (2) along the arc of said tangent curve a distance of 1180.64' through a central angle of 34°04'42" and (3) N71°05'45"E 776.00' to the intersection of said southerly line with the line between Sacramento County and El Dorado County as shown on Record of Survey filed October 31, 1990 in Book 48 of Record of Surveys at Page 13, in the office of The County Recorder of said County;

Thence departing from said southerly line S21°12'19"E 31.71' along said county line to the TRUE POINT OF BEGINNING.

Containing 201,480 Square Feet or 4.6253 Acres

The Basis of Bearings used herein is the County Line between Sacramento County and El Dorado County as shown on Record of Survey filed October 31, 1990 in Book 17 of Record of Surveys at Page 147 in the office of The County Recorder of El Dorado County.

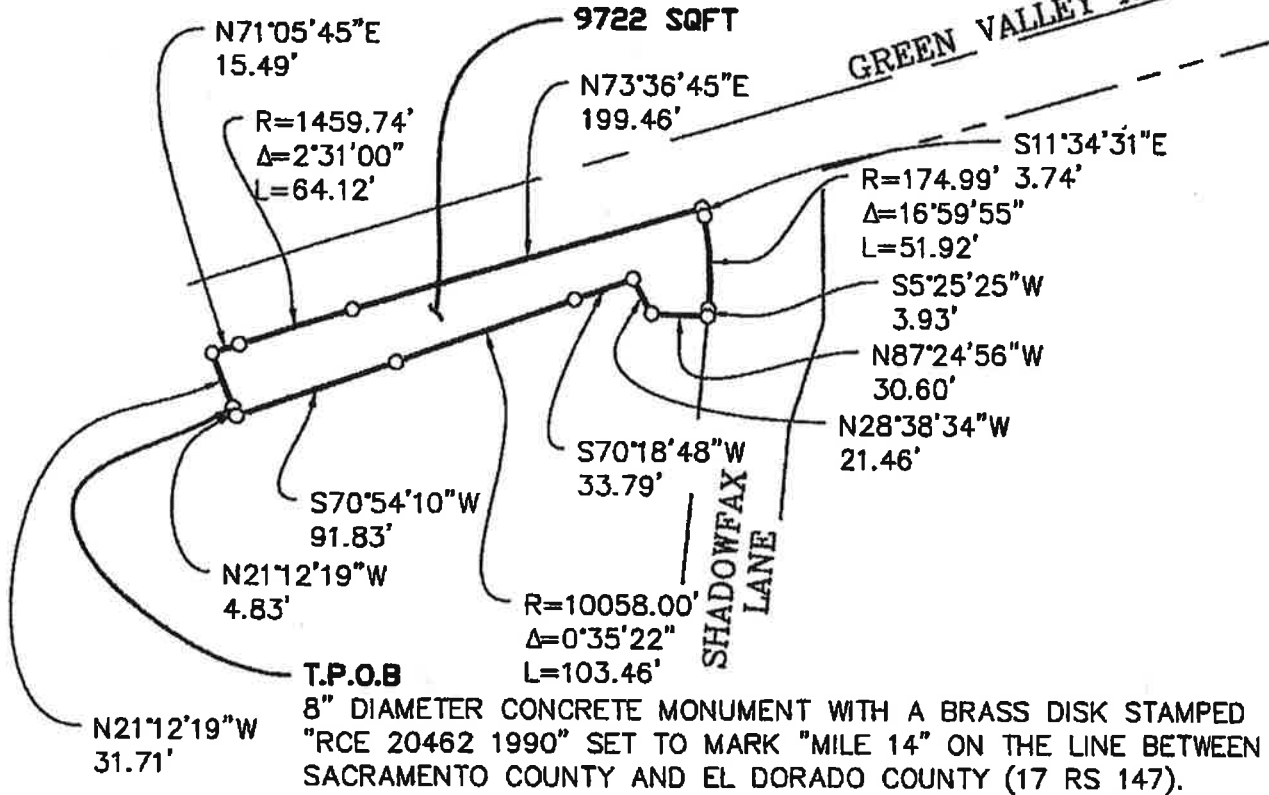


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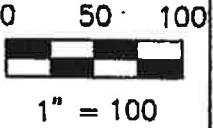


# EXHIBIT "B"



**LEGEND**

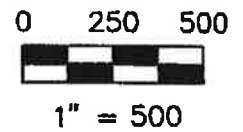
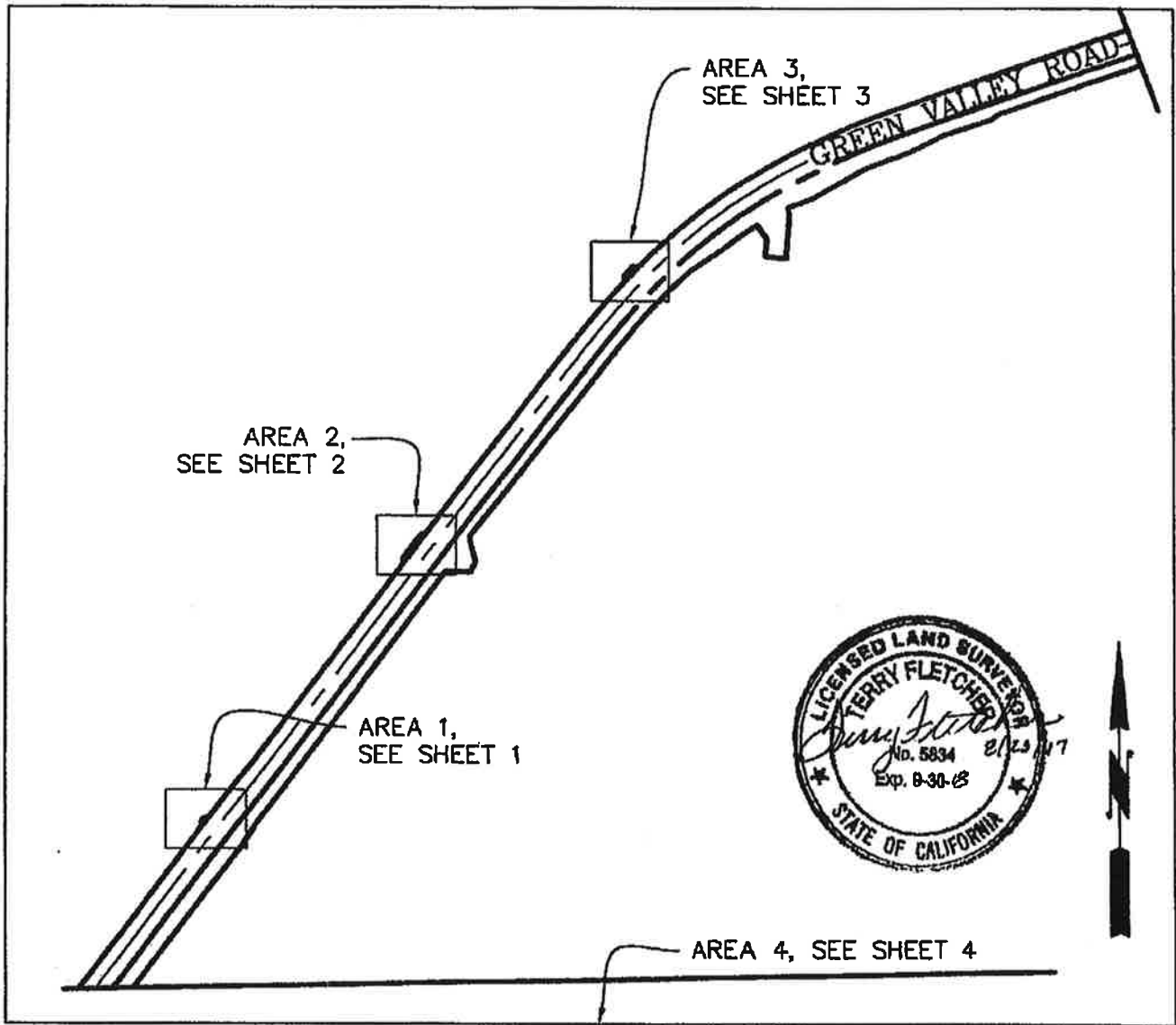
○ DIMENSION POINT



THE BASIS OF BEARINGS USED HEREIN IS THE COUNTY LINE BETWEEN SACRAMENTO COUNTY AND EL DORADO COUNTY AS SHOWN ON RECORD OF SURVEY FILE OCTOBER 31, 1990 IN BOOK 17 OF RECORD OF SURVEYS AT PAGE 147 IN THE OFFICE OF THE COUNTY RECORDER OF EL DORADO COUNTY.

<b>DOKKEN</b> ENGINEERING 110 BLUE RAVINE ROAD, SUITE 200 FOLSOM, CA 95630 (916)858-0642	<b>5 YEAR LICENSE</b>		DATE: 8/22/17
	COUNTY OF EL DORADO STATE OF CALIFORNIA		APN:
	CHECKED BY: TF	PREPARED BY: DS	DE NO.
			SHEET 1 OF 1
OWNER:			

# EXHIBIT "B"



**DOKKEN**  
ENGINEERING  
110 BLUE RAVINE ROAD, SUITE 200  
FOLSOM, CA 95630  
(916)858-0642

## 5 YEAR LICENSE LAYOUT

DATE: 8/22/17

CITY OF FOLSOM  
STATE OF CALIFORNIA

APN:

DE NO.

CHECKED BY: TF

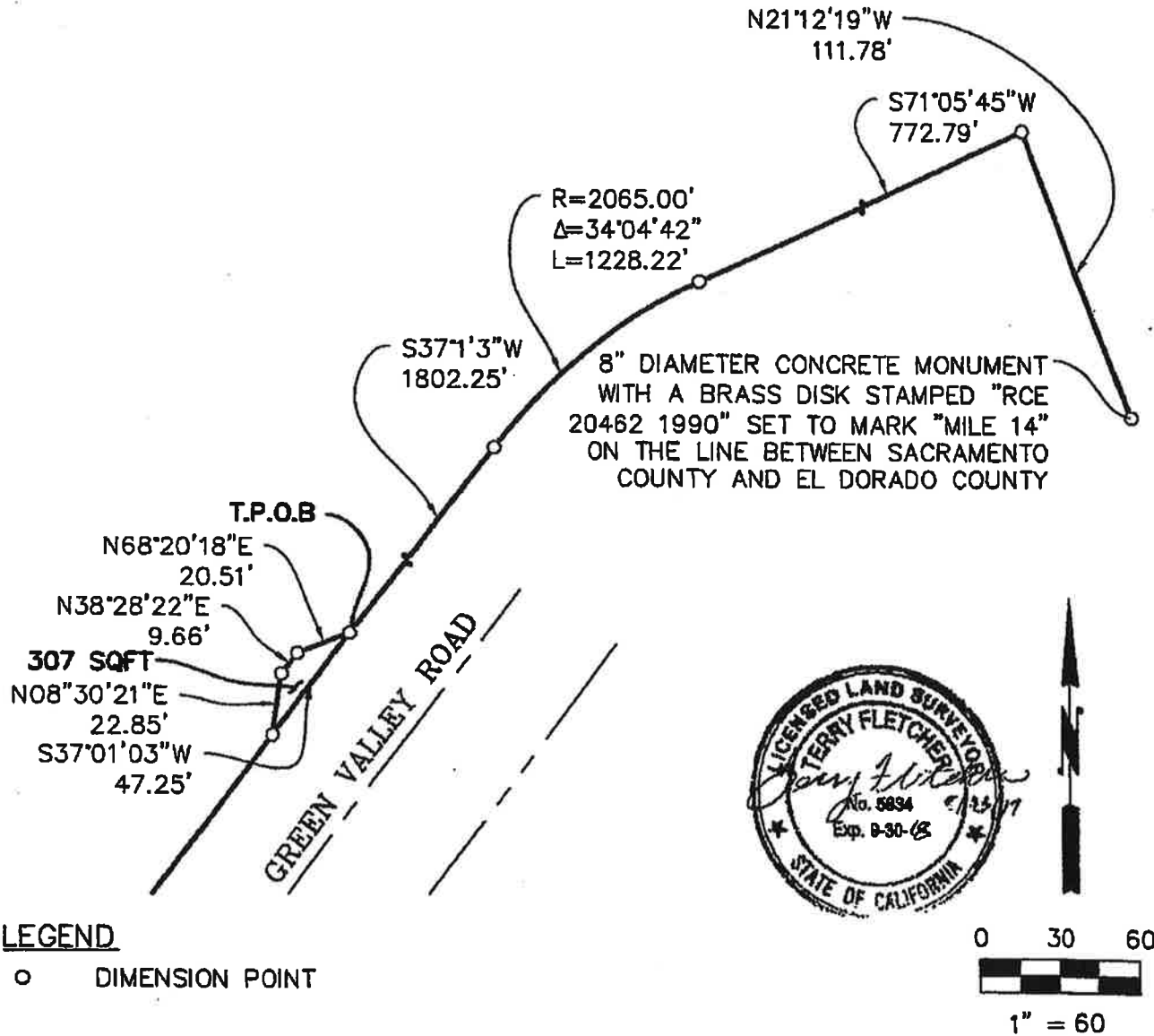
PREPARED BY: DS

SHEET 1 OF 1

OWNER: BUREAU OF RECLAMATION

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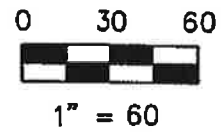
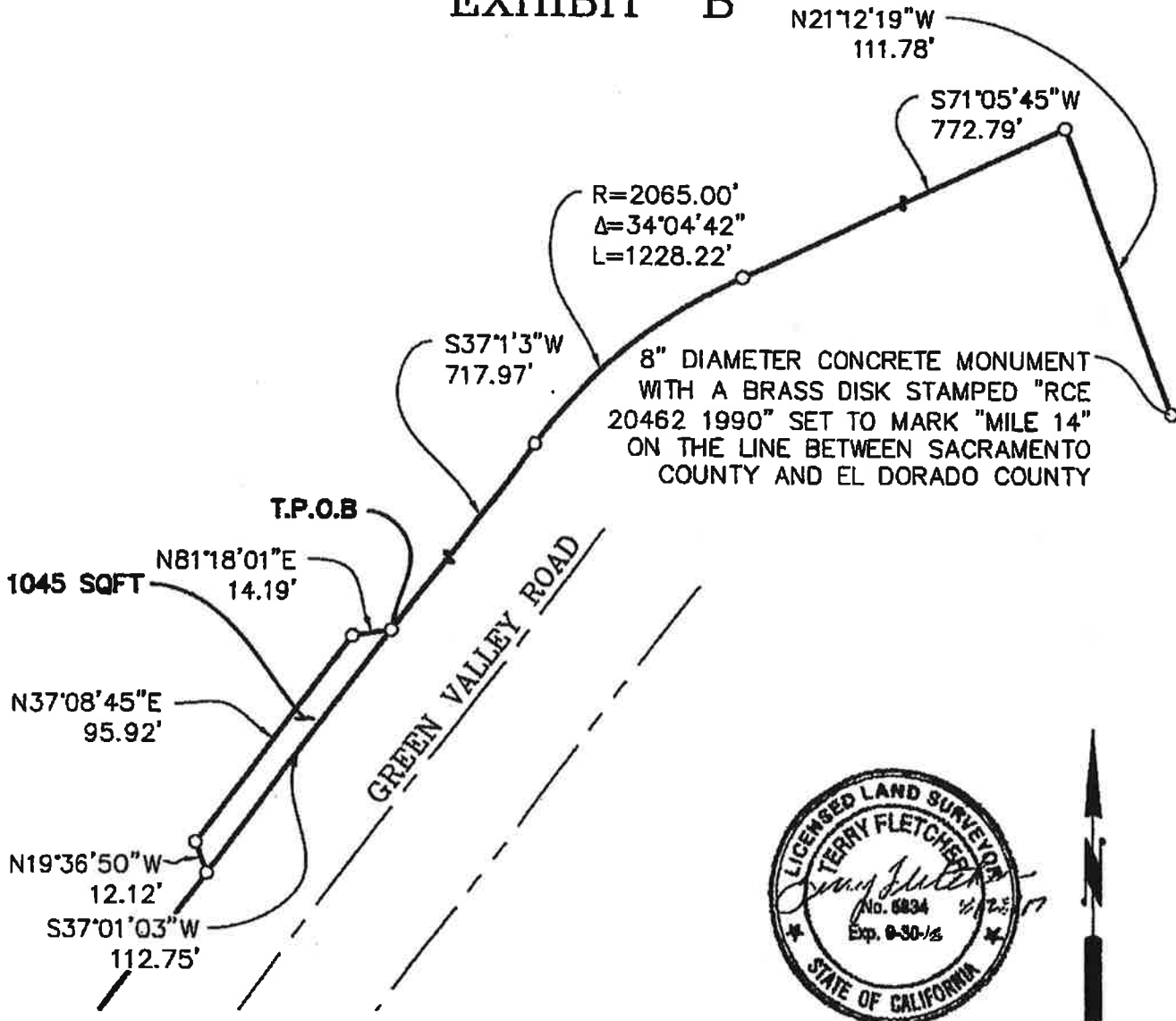
# EXHIBIT "B"



THE BASIS OF DESIGN USED HEREIN IS THE COUNTY LINE BETWEEN SACRAMENTO COUNTY AND EL DORADO COUNTY AS SHOWN ON RECORD OF SURVEY FILED OCTOBER 31, 1990 IN BOOK 17 OF RECORD OF SURVEYS AT PAGE 147 IN THE OFFICE OF THE COUNTY RECORDER OF EL DORADO COUNTY.

 110 BLUE RAVINE ROAD, SUITE 200 FOLSOM, CA 95630 (916)858-0642	<b>5 YEAR LICENSE AREA 1</b>		DATE: 8/22/17
	CITY OF FOLSOM STATE OF CALIFORNIA		APN:
	CHECKED BY: TF	PREPARED BY: DS	DE NO.
	OWNER: BUREAU OF RECLAMATION		SHEET 1 OF 4

# EXHIBIT "B"



## LEGEND

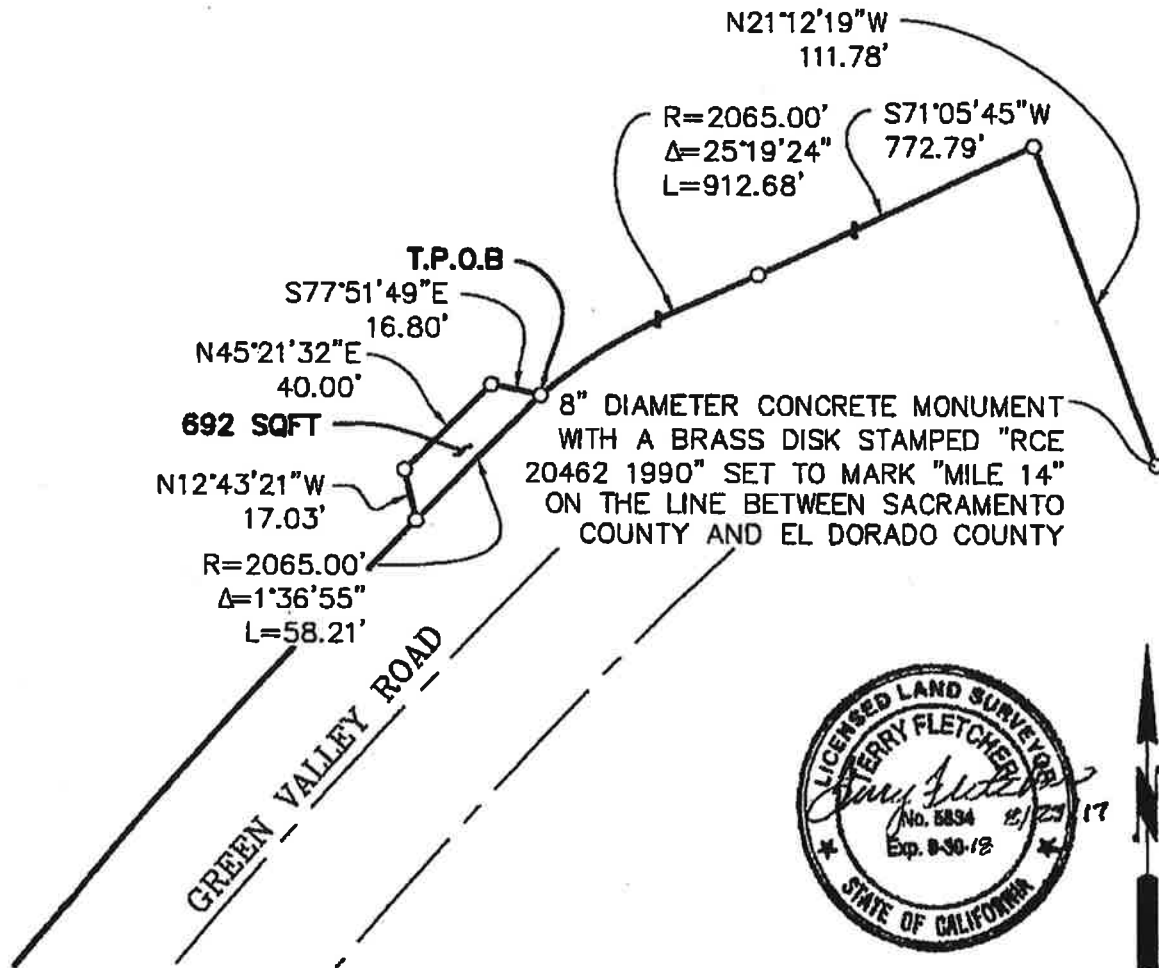
○ DIMENSION POINT

THE BASIS OF BEARINGS USED HEREIN IS THE COUNTY LINE BETWEEN SACRAMENTO COUNTY AND EL DORADO COUNTY AS SHOWN ON RECORD OF SURVEY FILED OCTOBER 31, 1990 IN BOOK 17 OF RECORD OF SURVEYS AT PAGE 147 IN THE OFFICE OF THE COUNTY RECORDER OF EL DORADO COUNTY.

<p> <b>DOKKEN</b>          ENGINEERING          110 BLUE RAVINE ROAD, SUITE 200          FOLSOM, CA 95630          (916)858-0642       </p>	<b>5 YEAR LICENSE AREA 2</b>		DATE: 8/22/17
	CITY OF FOLSOM STATE OF CALIFORNIA		APN:
	CHECKED BY: TF	PREPARED BY: DS	DE NO.
	OWNER: BUREAU OF RECLAMATION		SHEET 2 OF 4

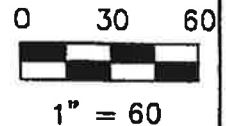
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# EXHIBIT "B"



## LEGEND

○ DIMENSION POINT



THE BASIS OF BEARINGS USED HEREIN IS THE COUNTY LINE BETWEEN SACRAMENTO COUNTY AND EL DORADO COUNTY AS SHOWN ON RECORD OF SURVEY FILED OCTOBER 31, 1990 IN BOOK 17 OF RECORD OF SURVEYS AT PAGE 147 IN THE OFFICE OF THE COUNTY RECORDER OF EL DORADO COUNTY.

<p>110 BLUE RAVINE ROAD, SUITE 200 FOLSOM, CA 95630 (916)858-0642</p>	<b>5 YEAR LICENSE AREA 3</b>		DATE: 8/22/17
	CITY OF DINUBA COUNTY OF TULARE STATE OF CALIFORNIA		APN:
	CHECKED BY: TF	PREPARED BY: DS	DE NO.
	OWNER: BUREAU OF RECLAMATION		SHEET 3 OF 4

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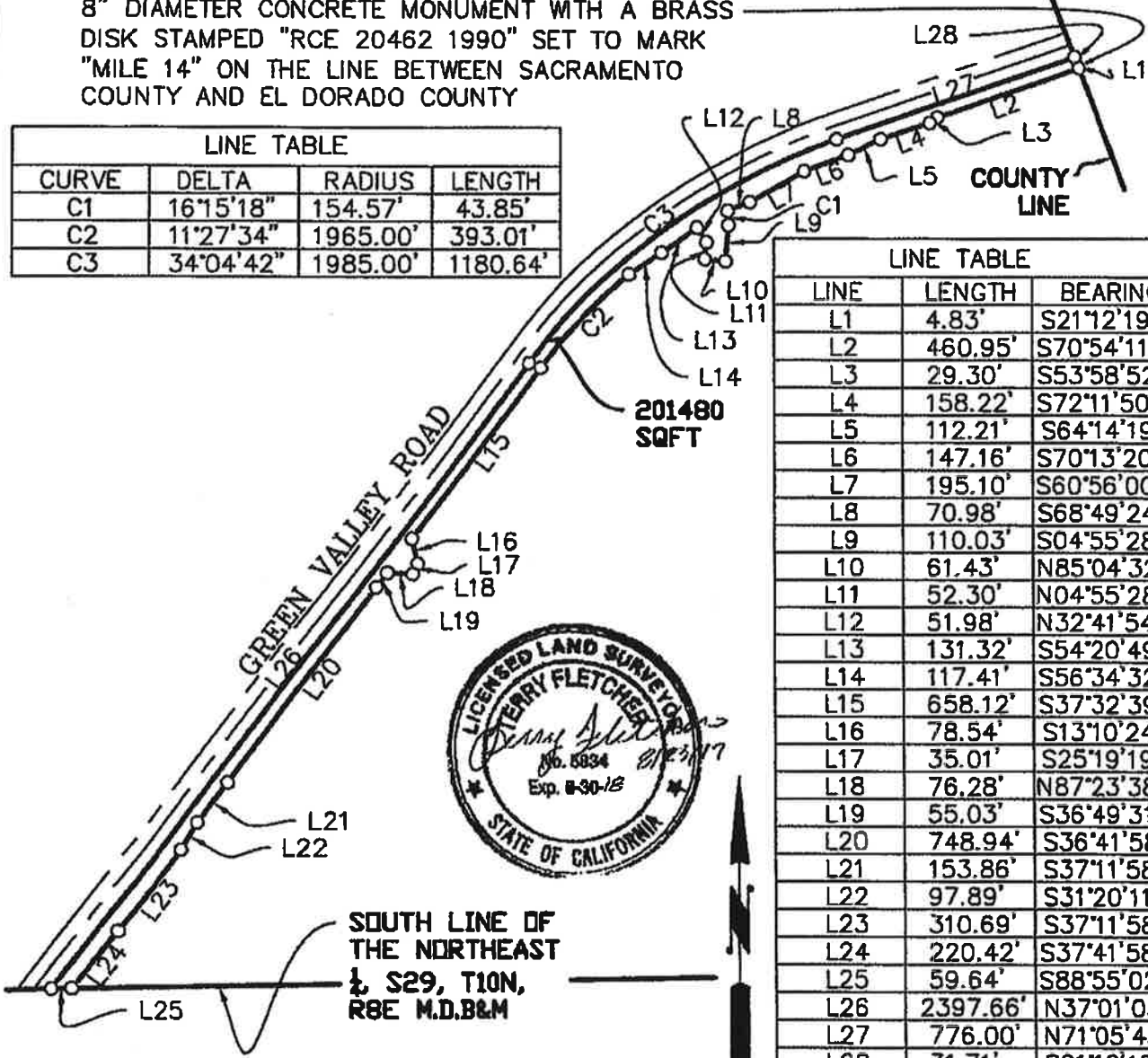
# EXHIBIT "B"

**T.P.O.B**

8" DIAMETER CONCRETE MONUMENT WITH A BRASS DISK STAMPED "RCE 20462 1990" SET TO MARK "MILE 14" ON THE LINE BETWEEN SACRAMENTO COUNTY AND EL DORADO COUNTY

LINE TABLE			
CURVE	DELTA	RADIUS	LENGTH
C1	16°15'18"	154.57'	43.85'
C2	11°27'34"	1965.00'	393.01'
C3	34°04'42"	1985.00'	1180.64'

LINE TABLE		
LINE	LENGTH	BEARING
L1	4.83'	S21°12'19"E
L2	460.95'	S70°54'11"W
L3	29.30'	S53°58'52"W
L4	158.22'	S72°11'50"W
L5	112.21'	S64°14'19"W
L6	147.16'	S70°13'20"W
L7	195.10'	S60°56'00"W
L8	70.98'	S68°49'24"W
L9	110.03'	S04°55'28"W
L10	61.43'	N85°04'32"W
L11	52.30'	N04°55'28"E
L12	51.98'	N32°41'54"W
L13	131.32'	S54°20'49"W
L14	117.41'	S56°34'32"W
L15	658.12'	S37°32'39"W
L16	78.54'	S13°10'24"E
L17	35.01'	S25°19'19"W
L18	76.28'	N87°23'38"W
L19	55.03'	S36°49'31"W
L20	748.94'	S36°41'58"W
L21	153.86'	S37°11'58"W
L22	97.89'	S31°20'11"W
L23	310.69'	S37°11'58"W
L24	220.42'	S37°41'58"W
L25	59.64'	S88°55'02"W
L26	2397.66'	N37°01'03"E
L27	776.00'	N71°05'45"E
L28	31.71'	S21°12'19"E



**LEGEND**

○ DIMENSION POINT

0 250 500



1" = 500

THE BASIS OF BEARINGS USED HEREIN IS THE COUNTY LINE BETWEEN SACRAMENTO COUNTY AND EL DORADO COUNTY AS SHOWN ON RECORD OF SURVEY FILED OCTOBER 31, 1990 IN BOOK 17 OF RECORD OF SURVEYS AT PAGE 147 IN THE OFFICE OF THE COUNTY RECORDER OF EL DORADO COUNTY.

**DOKKEN**  
ENGINEERING  
110 BLUE RAVINE ROAD, SUITE 200  
FOLSOM, CA 95630  
(916)858-0642

**5 YEAR LICENSE AREA 4**

DATE: 8/22/17

CITY OF FOLSOM  
STATE OF CALIFORNIA

APN:

DE NO.

CHECKED BY: TF

PREPARED BY: DS

SHEET 4 OF 4

OWNER: BUREAU OF RECLAMATION

# **ACCIDENT PREVENTION PLAN (APP)**

## **GREEN VALLEY ROAD WIDENING PROJECT**

**IN THE CITY OF FOLSOM, CA AND THE COUNTY OF EL DORADO, CA**



**NOVEMBER 2016**

**PREPARED BY THE CITY OF FOLSOM**

**IN COORDINATION WITH THE U.S. DEPARTMENT OF THE INTERIOR**

**BUREAU OF RECLAMATION**

**Exhibit "C"**

**Table of Contents**

**ACRONYMS AND ABBREVIATIONS ..... 2**

**SIGNATURE SHEET..... 3**

**KEY PERSONNEL ..... 5**

**1. INTRODUCTION ..... 6**

**2. SCOPE AND APPLICABILITY OF THE ACCIDENT PREVENTION PLAN ..... 6**

**3. VISITORS ..... 6**

**4. BACKGROUND INFORMATION ..... 7**

**5. RESPONSIBILITY AND LINES OF AUTHORITIES ..... 10**

**6. CONTRACTORS AND SUPPLIERS ..... 12**

**7. REQUIREMENTS FOR EMERGENCY RESPONSE TRAINING ..... 13**

**8. EMERGENCY PLAN ..... 14**

**9. SAFETY AND HEALTH INSPECTIONS..... 15**

**10. ACCIDENT REPORTING..... 15**

**11. PERSONAL PROTECTIVE EQUIPMENT ..... 16**

**12. HEAT ILLNESS PLAN ..... 17**




**ACRONYMS AND ABBREVIATIONS**

<b>AAP</b>	<b>Accident Prevention Program</b>
<b>AED</b>	<b>Automated External Defibrillators (First Aid Equipment and Certification)</b>
<b>ANSI</b>	<b>American National Standards Institute</b>
<b>CA</b>	<b>California</b>
<b>Cal/OSHA</b>	<b>California Occupational Safety and Health Administration</b>
<b>CCAO</b>	<b>Central California Area Office</b>
<b>CPR</b>	<b>Cardiopulmonary Resuscitation (First Aid Certification)</b>
<b>dba</b>	<b>Decibel</b>
<b>H&amp;S</b>	<b>Health and Safety</b>
<b>HSD</b>	<b>Health and Safety Director</b>
<b>OSHA</b>	<b>Occupational Safety and Health Administration</b>
<b>PM</b>	<b>Project Manager</b>
<b>PPE</b>	<b>Personal Protective Equipment</b>
<b>RE</b>	<b>Resident Engineer</b>
<b>RECLAMATION</b>	<b>U.S. Department of the Interior, Bureau of Reclamation, Central California Area Office</b>
<b>SHSO</b>	<b>Site Health and Safety Officer</b>
<b>UL</b>	<b>Underwriters Laboratories (used in: UL approved Fuel Storage Containers)</b>
<b>USBR</b>	<b>U.S. Bureau of Reclamation</b>
<b>U.S.</b>	<b>United States</b>
<b>WBGT</b>	<b>Wet Bulb Globe Temperature Index</b>


**SIGNATURE SHEET**

**A. Plan Preparer:**

Signature:   
Name: Richard Liptak, PE  
Title: Dokken Engineering, Project Manager  
Telephone: 916-858-0642

Date: 11/14/16

**B. Plan Approval:**

Signature:   
Name: Brian Reed, PE  
Title: City of Folsom, Project Manager  
Telephone: 916-353-1705

Date: 11/14/16

**C. Plan Concurrence:**

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Telephone: \_\_\_\_\_

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Telephone: \_\_\_\_\_

Date: \_\_\_\_\_

**D. Acknowledgement and Compliance Commitment by Project Team**

I have read and understood this Accident Prevention Plan (APP) for field activities involving the construction of the Green Valley Road Widening Project and will comply with the requirement stipulated in the Contract Documents. I agree to notify the City of Folsom should any unsafe activity be witnessed by me while I am on this site.

<b>Name (Print)</b>	<b>Organization</b>	<b>Signature</b>	<b>Date</b>

**KEY PERSONNEL**

**Table 1: Key Personnel**

<b>Name</b>	<b>Title</b>	<b>Phone</b>
<b>Dave Nugen</b>	<b>City of Folsom, Public Works Director</b>	<b>916-355-7247</b>
<b>Brian Reed</b>	<b>City of Folsom Project Manager</b>	<b>916-353-1705</b>
<b>Adam Bane</b>	<b>County of El Dorado, Senior Civil Engineer</b>	<b>530-621-5983</b>
<b>Scott Moore</b>	<b>Reclamation, Realty Specialist</b>	<b>916-989-7177</b>
<b>Kyle Keer</b>	<b>Reclamation, MIAD Project Manager</b>	<b>916-989-7295</b>
<b>Elizabeth Dyer</b>	<b>Reclamation, Environmental (NRS)</b>	<b>916-989-7256</b>
<b>Sarah Perrin</b>	<b>Reclamation, Environmental</b>	<b>916-989-7173</b>
<b>Warren Kasper</b>	<b>Reclamation, Outdoor Recreation Planner</b>	<b>916-989-7265</b>
<b>Richard Preston</b>	<b>CA State Parks, Superintendent</b>	<b>916-988-0205</b>
<b>Richard Liptak</b>	<b>Dokken Engineering Project Manager</b>	<b>916-858-0642</b>
<b>Namat Hosseinion</b>	<b>Dokken Engineering, Environmental Planner</b>	<b>916-858-0642</b>

## ***1. INTRODUCTION***

This section of the Accident Prevention Plan (APP) defines the project scope of work and general responsibilities with respect to compliance with Health and Safety programs. The scheduled activities will be under the direction of the City of Folsom, Reclamation, El Dorado County, and CA State Parks. This project involves roadway widening work which includes but is not limited to: excavation of soil rock and wetland organic materials, transportation of excavated materials, tree removal, placement and movement of K-rail, installation of a water monitoring well, abandonment of existing groundwater observation wells, removal of asphalt surfacing and striping, placement of asphalt surfacing and striping, removal and replacement of cross culverts for storm water management, placement of hydroseed for temporary and permanent erosion control, installation of Metal Beam Guardrail, installation of roadside signs, a Chamber of Commerce Ad Sign, and installation of roadside fencing.

## ***2. SCOPE AND APPLICABILITY OF THE ACCIDENT PREVENTION PLAN***

The purpose of this Accident Prevention Plan is to protect everyone associated with the project site. This includes the public, contractors, inspectors, and project stakeholders. To accomplish this, the APP identifies the safety requirements to be followed at the site during roadway construction work. Applicability extends to all who visit the site during construction activities. All personnel on site shall be informed of the site procedures and any potential hazards of the operation. This document defines protective measures planned for the site. This plan must be reviewed by all personnel and an agreement to comply with the requirements must be acknowledged by all personnel.

## ***3. VISITORS***

All visitors will be required undergo a brief safety training by the City of Folsom's Project Inspector and the Site Health & Safety Officer assigned by the General Contractor alerting them to the features of this document and current site conditions that are relevant to the activity for which they are onsite. All visitors will be required to provide and don the appropriate personal protective equipment. In the

event that a visitor does not adhere to the provisions of this plan he/she will be requested to leave the site. All nonconformance incidents will be recorded in the Resident Engineers Daily Diaries.

#### **4. BACKGROUND INFORMATION**

**a. Construction Contractor:**

(to be determined at time of Bid Award)

**b. Project Name:**

Green Valley Road Widening Project

**c. Project Description and Location:**

The purpose of work is to widen Green Valley Road between East Natoma Street and Sophia Parkway from a 2 lane road to a 4 lane road with a 12 foot dual left turn and 8 foot shoulders. Two lanes through traffic will be maintained through the project area at all times, with the exception of limited nighttime closures required for placement of the initial K-rail, final surfacing, and striping.

Work hours will comply with the City of Folsom Standard Construction Specifications which are 7am to 6pm Monday through Friday, under permission only Saturday 8am to 5pm, no Sunday work allowed. Night work will be limited to the days identified in the Projects Contract Documents.

Prior to the start of the project, a preconstruction meeting will be held at which time the potential job and personnel safety hazards will be discussed.

**d. Activities Requiring Hazards Analysis:**

An activity hazards analysis for the project that identified potential hazards and recommended controls for various work elements/activities is presented in Table 2. The Contractor and the City of Folsom shall execute and maintain the work area so as to avoid injury or damage to any persons or property.

**Table 2: Activity Hazard Analysis**

<b>Activity</b>	<b>Potential Hazards</b>	<b>Recommended Action/Controls</b>
<b>Mobilization / Site</b>	<b>Vehicular accidents</b>	<b>Press release by City of Folsom 1 month prior to start of</b>

<p><b>Setup</b></p>	<p>caused by a change in corridor use / visual distractions associated with mobilization</p>	<p>construction. Post Portable Changeable Message Boards 1 month prior to construction to alert motorists to the upcoming activity. As a first order of work, post construction-warning signs and reduced speed limit signs (One week prior to start).</p>
<p><b>Heavy Equipment on Site</b></p>	<p>Construction workers and inspectors involved in accidents with equipment.</p>	<p>All site workers / visitors to complete safety training that will include awareness instructions. Personal Protective Equipment (PPE) to be worn at all times.</p>
<p><b>Equipment Entering and Exiting Site</b></p>	<p>Traveling public exposed to heavy equipment</p>	<p>The contractor shall follow proper safety procedures, which may include flaggers when entering and exiting the Project site. Vehicles will be limited to driving 15 mph and safety signs and warning cones shall be posted as necessary to give adequate warning to the public of any potentially dangerous conditions while driving or working in and onto the Project area. City Project Manager to review and approve all traffic safety submittals.</p>
<p><b>Equipment Maintenance</b></p>	<p>Equipment malfunction due to improper maintenance</p>	<p>1. All equipment used on site must be maintained in a proper functioning condition. All motors must be shut off and electrical, mechanical and hydraulic components locked out of service when making repairs. All equipment must be inspected daily prior to use. Equipment must be operated and maintained in accordance manufactures guidelines. Do not leave tools or parts loose on the equipment after maintenance has been performed. 2. All motors must be shut off during refueling. Smoking within 50-feet of equipment is not permitted. Fuel containers will not be stored within 10-feet of equipment motors. Fuel will be stored in UL approved safety containers with the contents clearly labeled. 3. A spill kit will be available to contain any accidental fuel or hydraulic fluid spills.</p>
<p><b>General Site Conditions (Biological Hazards)</b></p>	<p>Poisonous snakes, spiders, and plants Training to be provided by the Contractor's HSD using visual aids such as photographs.</p>	<p>Work area will be inspected prior to starting each day. Workers will take care to look before placing hands or feet into recesses or under objects while work activities occur. Workers will be trained to recognize poison oak for avoidance.</p>

<p><b>Air Quality</b></p>	<p><b>Naturally Occurring Asbestos</b></p>	<p>While the projects Materials Report tested for and concluded that Naturally Occurring Asbestos is not present in the project area, work will be conducted according to the provisions of the contractor prepared Asbestos Compliance plan (CCR Title 8, section 1529, The "Asbestos in Construction" standard) to minimize potential worker exposure to asbestos-containing materials at the project area. The plan identifies protocols for environmental and personnel monitoring, requirements for personal protective equipment, and other health and safety procedures for handling asbestos-containing soil.</p>
<p><b>Equipment Use</b></p>	<p>Lack of knowledge of specific equipment and proper use and care.  Training will be provided by the Contractor's HSD.</p>	<p>Only authorized personnel will operate equipment. <b>Site-Specific Training</b> <b>Equipment Training</b> <b>First Aid/CPR/AED training (minimum of two people)</b></p>
<p><b>Inspection Requirements</b></p>	<p>Inspect all heavy equipment to ensure good operating condition prior to admitting them on to the site and on a daily basis.</p>	
<p><b>Training Requirements</b></p>	<p>Health and safety kickoff meeting, daily safety tailgate meeting by contractor foreman.</p>	

The USBR and the City of Folsom are committed to maintaining a safe and healthful work environment and to perform all field activities in compliance with federal, state, and local health and safety laws. Nothing we do warrants the loss of life, limb, sight, hearing or injury to our District employees, contractors, or visitors. Through a program of staff training and education, we strive to achieve a goal of zero accident, injuries, or illness for all of our projects. Personnel engaged in field activities must commit to fully comply with the job-specific health and safety plans and the following documents that are incorporated in the job-specific plans by reference:

- The Occupational Safety and Health Administration (OSHA) standards for general industry (Title 29 Code of Federal Regulations (CFR) 1910, for the construction industry; 29 CFR 1926, and 40 CFR 300.150);
- The California Occupational Safety and Health Administration (Cal/OSHA) standards contained in the California Code of Regulations (CCR) Title 8
- Caltrans Safety and Health Manual



- Reclamation Health & Safety Manual.

The District Health and Safety Program defines staff responsibilities and accountability and establishes the standards for the safe performance of work by personnel and contractors. Accidents waste resources, cost lives, and threaten our ability to compete our mission. The program provides the following framework for project planning and execution:

- Execute the work in a way that protects personnel from safety hazards by eliminating unacceptable safety hazards and stop unsafe acts, thus preventing injury.
- Everyone on the project is empowered to stop unsafe acts as soon as they are discovered.
- Limit access to the controlled work zones at the site to authorized, trained, and qualified personnel only.
- Execute and effective emergency response plan should the need arise; and
- Receive timely feedback to aid in continuous safety improvements.

## ***5. RESPONSIBILITY AND LINES OF AUTHORITIES***

The City of Folsom personnel responsible for safe execution of field activities in this project and their specific function and accountability are as follows:

Mr./Ms. \_\_\_\_\_, Construction Contractors Project Manager (PM)

Mr./Ms. \_\_\_\_\_ will have the primary responsibility for the completion of all project activities. He/She will direct and oversee the performance of the work and consult on all safety-related issues and follow the guidance provide by the above referenced documents.

Mr./Ms. \_\_\_\_\_, Construction Contractors Health and Safety Director (HSD)

Mr./Ms. \_\_\_\_\_, the HSD for the Construction Contractor, will work directly with the Construction Contractors PM, and the Health and Safety Officer (SHSO), to ensure that work is performed in accordance with the project health and safety plan. Mr./Ms. \_\_\_\_\_ is at a level of authority to ensure that all District resources required ensuring safe operation are available to the project.

Mr./Ms. \_\_\_\_\_, the Project Inspector for the City of Folsom will work with the HSD assigned by the contractor to train vendor's, visitors and new personnel

prior to allowing them on the project site. The Project Inspector is the City of Folsom's representative for day to day operations on the project.

**The Site Health and Safety Officer (SHSO)**

SHSO will typically be the most senior representative from the Prime Construction Contractor on site, as designated by the PM and approved by the HSD. The SHSO will be on site during all construction activities. The SHSO will meet the requirements of OSHA Hazardous Waste Operations and Emergency Response Standard 29 CFR 1910.120. He/She, or another person who will be at the job site at all times, will also be CPR trained. The SHSO will be responsible for ensuring that site activities comply with the requirements and provisions of the safety plan. The SHSO will implement the provisions of this plan and notify the PM and HSD of any problems related to health and safety issues at the site. Specific responsibilities of the SHSO will be as follows:

- Conduct the initial site safety meeting for all site personnel.
- Ensure that all field personnel fully understand the job-specific Accident Prevention Plan (APP) and sign the Acknowledgement and Compliance Commitment section of the plans' Signature Page.
- Conduct daily "tailgate" safety briefings for employees, agents or subcontractors when they are on site prior to the commencement of construction activities. The briefings are to include discussions of the day's proposed tasks, hazards, work zone designations, weather conditions, safety procedures, emergency procedures, and any changes of the job-specific AAP documents.
- Develop and establish the site emergency procedures and implement any protocols identified in this and companion plans.
- Confirm that employees or contractor personnel satisfy training and surveillance requirements specified in the safety plan. Ensure that supporting documentation is available at the project site.
- Maintain PPE and other health and safety (H&S) equipment
- Maintain a daily H&S field record (by City of Folsom Inspector).
- Keeping the Prime Construction Contractors PM Informed on project developments including:
  - Injuries, exposures, or illnesses

- Proposed changes in the work scope and procedures requiring adjustment to the safety plan.
- Implementing appropriate safeguards and procedures.
- Modifying this plan as necessary.
- Approving changes in safeguards used or operating procedures employed at the site.
- Conducting workplace inspections and documenting inspection results in a field notebook.

The SHSO will have the authority to do the following:

- Require that additional safety precautions be implemented.
- Order an evacuation of the site, or portion of the site, or shutdown any operations, if he/she believes a health and safety hazard exists.
- Deny unauthorized access to the site through the use of K-rail and Fenced Entrances.
- Require that any worker obtain immediate medical attention.
- Approve or disapprove any proposed modifications to safety precautions or working procedures.

#### **Field Personnel**

All personnel are responsible for taking all reasonable precautions to prevent accidents resulting to damage to equipment and property and causing injury to themselves and to their fellow workers. Personnel are required to review and fully understand this plan, sign the compliance commitment page on the Signature Sheet at the beginning of this document before beginning site activities, and implement the procedures and protocols specified herein. All accidents and any unsafe conditions or deviations from the procedures defined in this plan must be reported to the SHSO, or the PM.

## **6. CONTRACTORS AND SUPPLIERS**

\_\_\_\_\_ will be under contract with the City of Folsom to construct this project with their equipment and employees. In general, \_\_\_\_\_ and their subcontractors will be required to follow this safety plan before they are allowed access to the job site. In addition, their personnel will be required to comply with the health and safety requirements, such as those specified in this plan. The contractors are responsible for obtaining, maintaining, and properly employing their own safety

equipment and implementing necessary control measures. This includes PPE, respiratory protection, hard hats, monitoring equipment, and all other equipment and controls necessary to limit the risks of exposure to work site hazards and to protect the H&S of all employees. The contractor will also conduct safety meetings and safety orientation for all their employees and interface with the SHSO and HSD, as necessary, regarding the implementation of appropriate H&S procedures.

## **7. REQUIREMENTS FOR EMERGENCY RESPONSE TRAINING**

The most likely incidents requiring emergency response will involve medical emergencies. Field personnel emergency response will cover the following:

**Emergency Response Responsibilities:** The SHSO serves as the emergency response leader and is ultimately responsible for coordinating emergency response.

**Emergency Telephone Numbers:** Telephone numbers for individuals/agencies to contact in the event of an emergency (Table 3) will be made available to all field personnel.

**Table 3: Emergency Telephone Numbers**

<b>Emergency Agency/Contact</b>	<b>Phone Number</b>
Project Health and Safety Director: Mr./Ms. _____	( ) - -
Project Manager: Mr./Ms. _____	
Life Threatening Emergencies (Fire, Ambulance Police)	911
Folsom Police Department – 7 Digit Emergency Line	(916) 985-7551
Folsom Police Department – Non Emergency Line	(916) 355-7231
Folsom Police Department – Business Line	(916) 355-7230
El Dorado County Sherriff's Department- Emergency Line, Placerville	(530) 626-4911
El Dorado County Sheriff's Department – Non Emergency Line	(530) 621-5655
Folsom Fire Department Administrative Staff	(916) 984-2280
Mercy Hospital of Folsom	(916) 983-7400
US Public Health Service Federal Occupational Health Service Nurse at 1325 J Street	(916) 557-6934
Environmental Emergency (National Response Center)	(800) 424-3063
Center for Disease Control	(404) 639-3311
Poison Control Center	(800) 523-2222
Cal/OSHA	(916) 263-0704

**Hospital Information:** The emergency first aid facility that is closest to the project work area is Mercy Hospital in Folsom, 1650 Creekside Drive, Folsom, CA 95630.

## **8. EMERGENCY PLAN**

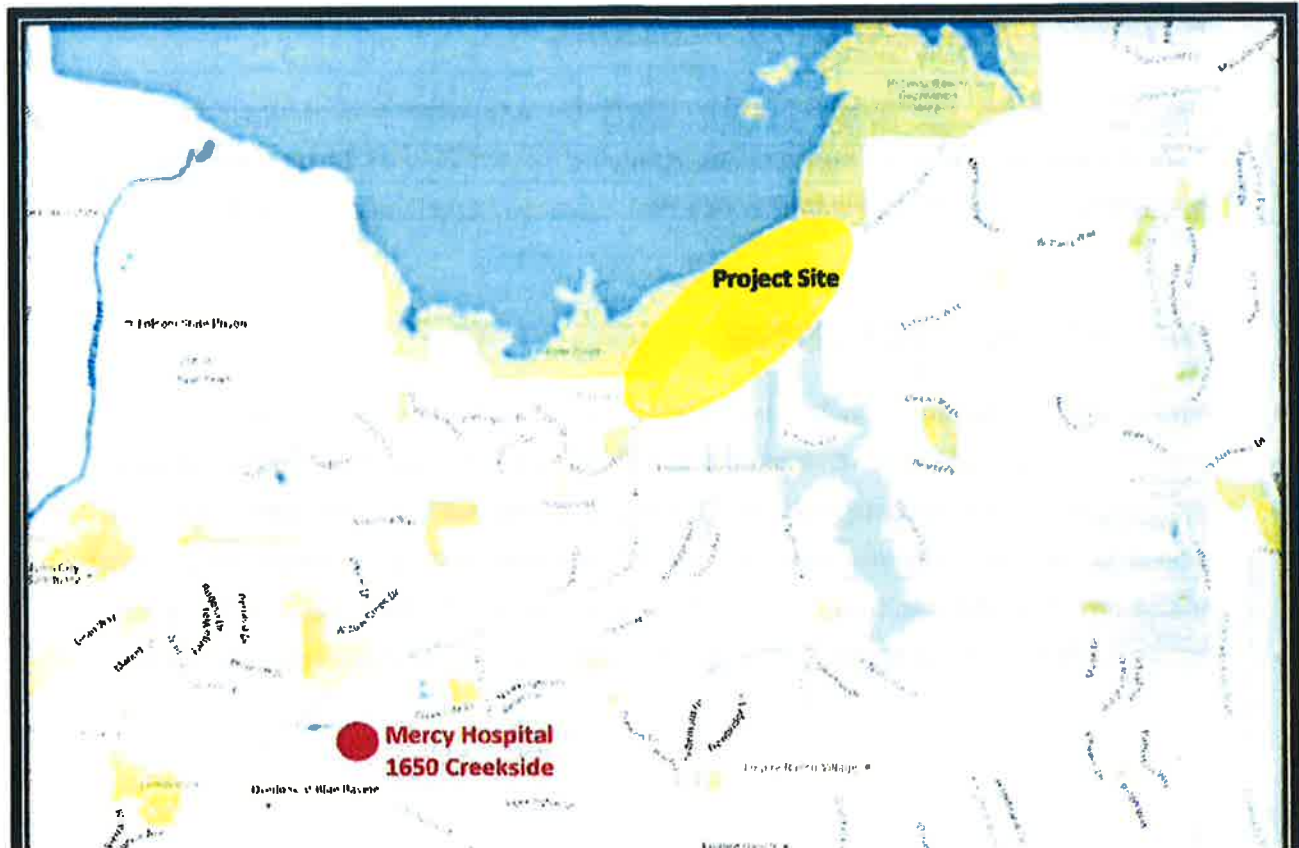
In the event of an accident or incident, the employee's supervisor and the Safety and Health Office shall be immediately notified. Within two working days of any reportable accident, the supervisor shall complete and submit an Accident Report.

### **a. Nearest Medical Assistance:**

**Mercy Hospital of Folsom**  
**(916) 983-7400**  
**1650 Creekside Drive, Folsom, CA 95630**

### **b. Map to Mercy Hospital of Folsom:**

Below is a map of the route to Mercy Hospital of Folsom, which can provide emergency care for individuals who may experience injury.



*Cellular Telephone (minimum of one on site at all times)*

**d. EMERGENCY EQUIPMENT AND FIRST AID KITS:**

The following emergency equipment will be available at each work location:

- Two 5-pound ABC-rated fire extinguishers
- An adequately stocked first aid kit and a first aid instruction manual.

The HSD shall make all members of the field team aware of the locations of the first aid kits kept on site. The SHSO on the project will be prepared and able to perform first aid and cardiopulmonary resuscitation (CPR).

Handling Medical Emergencies: Medical emergencies may result from accidents and mishaps. In the event of a serious injury or illness, field personnel will immediately notify 911 for assistance and an ambulance. If available the SHSO or designee who has current certification in first aid and CPR will be able to provide emergency care before the emergency medical team (EMT) arrives. Victims with suspected back or neck injuries are not to be moved. If there is evidence of serious trauma or unknown chemical exposure, the victim should be stabilized while awaiting the EMT.

## **9. SAFETY AND HEALTH INSPECTIONS**

The SHSO will conduct a safety inspection daily at the beginning of work and will document the results of these inspections. SHSO will be responsible for ensuring that deficiencies noted are corrected in a timely manner. Unannounced health and safety field audits may be performed by the HSD.

## **10. ACCIDENT REPORTING**

All accidents and near misses requiring immediate review and completion of an Incident Report. In the event of an injury-related accident, damage to property, or emergency situations, whether existing or imminent, the SHSO or designated field personnel must notify appropriate project team personnel as soon as possible but no later than two hours. The SHSO will notify the Project Manager and appropriate emergency contacts listed in Table 1 within 24 hours of the incident. (Contact James Holt, Safety and Security Chief for Bureau of Reclamation at 916-989-7129) Circumstances of the accident/incident and

preventative measure will be discussed in a special safety meeting that will be attended by the SHSO and PM, prior to resuming regular activities. The SHSO or PM will investigate cause(s) and recommend appropriate control measures. The SHSO will complete the incident report and determine if further investigation or corrective-measures are required. The SHSO will also notify the appropriate state or federal agencies of any reportable spills or releases.

Any employee who suffers an illness, injury, or chemical exposure at the worksite is required to see a physician. Depending on the extent and type of exposure, illness, or injury, it is critical to perform a medical follow-up within 24 to 48 hours. A worker may return to work only with the written approval of the attending physician. The SHSO will be responsible for completing the Injury/Illness/Exposure report for each incident.

## **11. PERSONAL PROTECTIVE EQUIPMENT**

The proposed roadway construction work is not expected to present an atmosphere containing known toxic hazards, or the potential for unexpected inhalation of or contact with hazardous levels of any chemicals. Accordingly, Level D PPE is expected to provide adequate protection for field employees. However, during field activities, the SHSO will routinely re-evaluate the conditions with respect to levels of protection required and may upgrade PPE requirements.

The minimum Level D ensemble consists of:

- Work clothes, which may consist of a cotton shirt and long cotton pants, or cotton coveralls.
- Steel-toe work boots;
- Safety glasses
- An ANSI-approved hard hat that is nonmetallic and impact resistant (worn whenever overhead hazards exist);
- Hearing protection (required when noise levels exceed 85 decibels A-scale-dBA; Hearing protection will be used if conversation at normal levels cannot be carried on at a distance of 3 feet.)

## **12. HEAT ILLNESS PLAN**

### ***a. Purpose***

To provide a safe and healthful working environment and protect workers who are exposed to temperature extremes and/or high humidity from heat related illnesses.

### ***b. Policy***

The workplace will be evaluated by the SHSO to determine if workers are at risk from heat related illnesses during temperature extremes and hot weather while working. If at any time it is determined that workers are at risk from heat related illnesses, the SHSO will implement the controls in this plan to prevent heat related illnesses.

### ***c. Provisions for Water***

An adequate supply of potable drinking water will be available on site to all workers. The water will be located in a central location and all workers will be encouraged to drink frequently.

### ***d. Controls for Reducing Heat Exposure***

Shade will be available to people working in the heat via pop-up shades, tents, etcetera. When possible work will begin and end early to avoid the hottest time of the day. Work windows will need to be coordinated with the noise restriction windows on the project. On very hot days workers will be encouraged to take extra breaks and to pace their activities to help reduce the possibility of heat related illness. In situations where heat stress may impact worker safety and health, the Wet Bulb Globe Temperature (WBGT) Index will be monitored and worker acclimation and workloads shall be assessed and worker/rest regiments shall be established. Extreme temperatures usually take 10 to 14 days for someone to be acclimated.

Workers shall be aware of the signs of heat stress such as fatigue, extreme sweating, or disorientation. If these symptoms are noted the SHSO shall be notified and corrective action taken, i.e. hydration, shortening the work periods, providing a shaded work area, etcetera.

If applicable, the Workers will be required to measure and record their heart rates. The monitoring frequency, as summarized in Table 4, are based on the Adjusted Temperature, which is defined as the ambient temperature plus thirteen times the percent sunshine.



In the City of Folsom, CA and El Dorado County, CA

1. °F.adj.= °F.+ ( 13 x % sunshine).
2. Where 100 percent sunshine would equal no cloud cover and a sharp distinct shadow
3. Zero percent sunshine would equal conditions where there are no shadows
4. To determine their heart rate, workers will count their radial pulse for 30 seconds as early as possible in the rest period. If the heart rate exceeds 110 beats per minute at the beginning of the rest period shorten the next work period by 1/3 and keep the rest period the same. The adjusted temperature and hear rates will be recorded in the Field Log.

Table 4: OSHA Suggested Frequency of Physiological Monitoring of Fit and Acclimatized Workers<sup>a</sup>






Adjusted Temperature (see notes below)	For workers with normal work clothes, conduct monitoring...	For workers wearing impermeable protective clothing conduct monitoring...
90°F or above	After each 45 minutes of work	After each 15 minutes of work
87.5° - 90°F	After each 60 minutes of work	After each 30 minutes of work
82.5° - 87.5°F	After each 90 minutes of work	After each 60 minutes of work
77.5° - 82.5°F	After each 120 minutes of work	After each 90 minutes of work
72.5° - 77.5°F	After each 150 minutes of work	After each 120 minutes of work
<p><sup>a</sup>Assumes work levels of 250 kilocalories/hour (e.g., a moderate work level) consider increasing the frequency for heavy work rates.</p> <p>For the purpose of this chart, a normal work ensemble consists of cotton coveralls or other cotton clothing with long sleeves and pants.</p>		

-END-

## Exhibit "C"

### Map of Green Valley Road Widening

**LEGEND:**

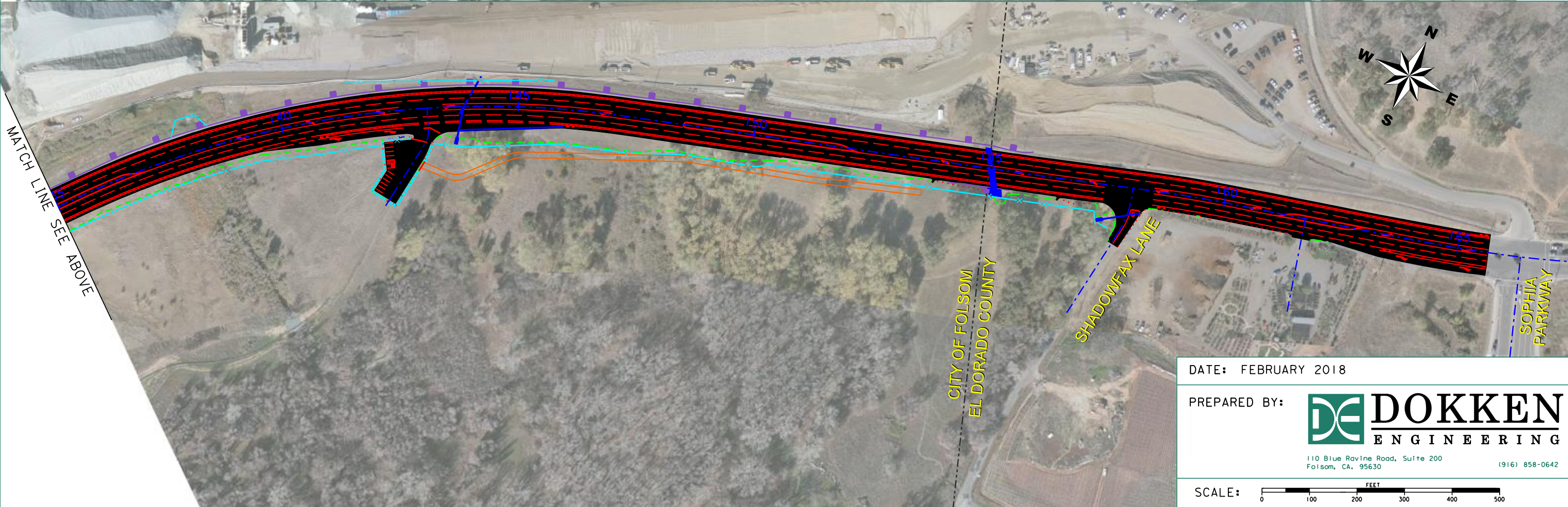
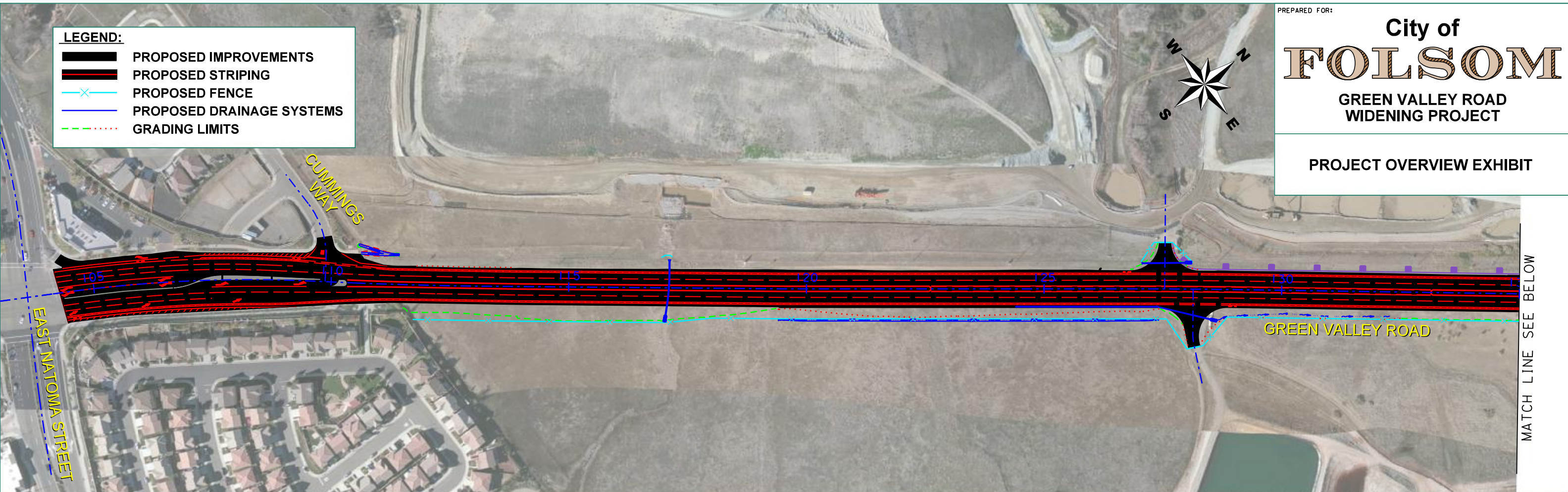
-  PROPOSED IMPROVEMENTS
-  PROPOSED STRIPING
-  PROPOSED FENCE
-  PROPOSED DRAINAGE SYSTEMS
-  GRADING LIMITS

PREPARED FOR:

# City of FOLSOM

GREEN VALLEY ROAD WIDENING PROJECT

PROJECT OVERVIEW EXHIBIT



DATE: FEBRUARY 2018

PREPARED BY: 

110 Blue Ravine Road, Suite 200  
Folsom, CA, 95630 (916) 858-0642

