

Proposed 2010 West Slope CIPs for:

Capital Overlay and Rehabilitation Program (CORP) for Roads, Airports, Parks & Trails, and Facilities



Department of Transportation



Prepared for the Board of Supervisors
January 25, 2010

Legistar # 09-1524

Agenda

- • Purpose
 - 5-Year CORP
 - 10-Year CIP - Airports
 - 5-Year CIP - Parks & Trails
 - 5-Year CIP - Facilities

Purpose:

- To discuss the proposed CIPs for CORP, Airports, Parks & Trails, and Facilities
- To receive direction from the Board

Agenda

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- • 5-Year CORP
- 10-Year CIP - Airports
- 5-Year CIP - Parks & Trails
- 5-Year CIP- Facilities

El Dorado County Roads - Background

Road Classification	West Slope	Tahoe	Total
Regional	345.8	24.5	370.3
Local **	569.8	134.5	704.3
Total	915.6	159.0	1074.6

**74.8 of local West Slope miles and 0.6 of local Tahoe miles are “unconstructed” or dirt roads.

Regional roads typically receive overlay surface treatment, while local roads typically receive chip seal surface treatment.

Total maintained miles = 1074.6

Less unpaved roads = -75.4

Constructed roads = 999.2

CORP Projects Include

- Prep work –
 - Clear brush, trim trees, inspect & replace culverts
 - Remove pavement failures and repair asphalt



09-1524.B.6

CORP Projects Include (cont.)

- Asphalt overlay
- Stripe and place pavement markers
- Install shoulder backing, clean ditches



CORP Accomplishments 2000-2009

09/10	Pony Express Trail	2.5"AC Overlay	2.25	\$501,128
	Forni Rd.	2.5"AC Overlay	0.70	\$223,739
	Lotus Rd	2.5"AC Overlay	6.66	\$1,826,492
	Malcolm Dixon Rd	2.5"AC Overlay	2.04	\$492,215
08/09	Cold Springs Rd.	2.5"AC Overlay	2.67	\$518,929
07/08	Francisco & Lakehills Dr.	2.5" AC Overlay	1.95	\$706,045
	El Dorado Hills Blvd.	2.5" AC Overlay	0.29	\$299,325
06/07	Gold Hill Rd. & Starbuck Rd.	2.5" AC Overlay	5.40	\$1,696,942
05/06	Forni Rd.	2.5" AC Overlay	1.76	\$256,448
	Pleasant Valley Rd.	2.5" AC Overlay	4.27	\$572,889
	Cameron Park Dr.	2.5" AC Overlay	0.10	\$29,943
04/05	Wilson Blvd.	2.5" AC Overlay	0.52	\$341,217
	Cameron Park Dr.	2.5" AC Overlay	2.34	\$899,810
03/04	Green Valley Rd.	¾" Bonded Wearing Course	4.34	\$719,781
02/03	Lake Tahoe Blvd. & N. Upper Truckee	2" AC Overlay/Bonding Fibers	5.23	\$809,792
	Garden Valley Rd.	2.5" AC Overlay	1.12	\$149,525
	Salmon Falls Rd.	2" AC Overlay/Bonding Fibers	5.87	\$817,906
	Newtown Rd.	2.5" AC Overlay	0.80	\$110,578
	Carson Rd. & Stonecrest Rd.	2.5" AC Overlay	1.96	\$273,379
	Pony Express Trail	2.5" AC Overlay	0.60	\$63,730
01/02	Gold Ridge Tr. & Amber Tr.	2.5" AC Overlay/Fabric	2.69	\$389,940
	Carson Rd.	2.5" AC Overlay	1.75	\$217,370
	Cold Springs Rd.	2.5" AC Overlay	2.57	\$273,757
	Cedar Ravine Rd.	2.5" AC Overlay	2.75	\$291,428
	White Rock Rd.	2.5" AC Overlay	1.12	\$115,881
	Pioneer Trail	2.5" AC Overlay	8.70	\$922,306
00/01	Cedar Ravine Rd, Mosquito Rd, Mo Flat Rd, Cold Springs Rd	2.5" AC Overlay	6.21	\$594,095
	Mandan St. & Tahoe Mountain Rd.	2.5" AC Overlay	1.40	\$181,844
		Totals	78.06	\$14,296,434

Accomplishment in FY 09/10 include only actual projects completed through December 31, 2009

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Proposed CORP CIP

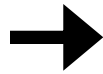
<u>Area</u>	<u>Road</u>	<u>Miles</u>	<u>Cost (\$000)</u>
Tahoe	Pioneer Trail – Hwy 50 to Glen Eagles	2.02	\$711
Latrobe	Latrobe Rd - Cothrin Ranch Rd to So. Shingle Rd	3.7	\$1,050
Shingle Springs	No. Shingle Rd – Ponderosa Rd @ Hwy 50 to Green Valley Rd	4	\$645
Placerville/ Pleasant Valley	Newtown Rd.- Mining Brook Rd to Pleasant Valley Rd	5	\$1,622
Garden Valley/Greenwood	Greenwood Rd - Marshall Rd to Hwy 193	5	\$1,270
Placerville	Forni Rd - Missouri Flat to Placerville City limit	2	\$400
Placerville	Greenstone Rd - Green Valley Rd to Mother Lode Dr	2.53	\$570
Lotus/Coloma	Luneman Rd - Lotus Rd to Jurgens Rd	3.96	\$1,090
Tahoe	No. Upper Truckee Rd - Hwy 50 to Lake Tahoe	2	\$740
Tahoe	So. Upper Truckee Rd - Hwy 50 to Upper Truckee Bridge	4	\$1,475
	TOTAL	34.21	\$9,573



Programmed to be completed in 2010

Agenda

- Purpose
- 5-Year CORP



- 10- Year CIP - Airports
- 5-Year CIP - Parks & Trails
- 5-Year CIP - Facilities



Placerville Airport

3501 Airport Road

Placerville, CA

***Runway 5-23, elevation 2,583 msl,
4,200 feet long by 75 feet wide.***

09-1524 B.11

An aerial photograph of Georgetown Airport, showing a long runway (16-34) extending from the foreground into the distance. The runway is flanked by dense green forest. To the right of the runway, there is a taxiway and a parking area with several small aircraft. Further right, there are several hangars and a control tower. The airport is situated on a hillside, with a winding road visible in the foreground. The background shows rolling hills covered in forest under a cloudy sky.

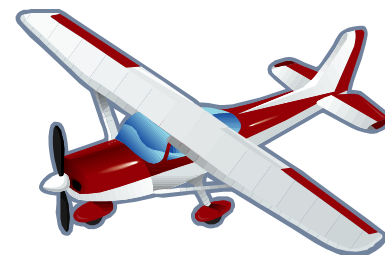
Georgetown Airport

6245 Aerodrome Way

Georgetown, CA

Runway 16-34, elevation 2,623 msl,
2,790 feet long by 60 feet wide

Background



	Placerville Airport	Georgetown Airport
General Aviation (GA) Airport	✓	✓
Rental hangers	200	40
Leases Fixed Base Operators (FBO)	4	1
Base for Emergency Rescue and Fire Fighting Operators	✓	✓
Services airplanes for local business, tourism, and recreation	✓	✓

Some Recent Key Events

2009: The 80th anniversary of the Placerville Airport

2008: Placerville was chosen as base for regional Emergency Rescue Operator CalStar

2006: Georgetown Airport based the airborne fire fighting crews of USFS, BLM, CALFIRE, and CDF for nine days during the Ralston Fire.

Placerville Airport Accomplishments FY 01/02 - FY 08/09

Year Complete	Project Description	Construction Cost (\$000)	Funding Type
2009	Phase II Med. Intensity Runway Lights	100	FAA
2009	Precision Approach Path Indicator (PAPI)	54	FAA
2009	Automated Weather Observation System (AWOS)	135	FAA
2008	Obstruction Removal Grading, Taxiway Paving & Service	847	FAA
2008	Obstruction Removal Grading, Taxiway Paving & Service	880	Adjacent Developer
2007	Rehab Runway 5-23 Lighting, Phase I	213	FAA
2007	Repair Pavement at West End Rest Rooms and EAA	11	Operations
2006	New Roof on Office Building	7	Operations
2006	Crack Repair Slurry Seal Runway 5-23	213	FAA
2002	Septic Pad	10	Operations
2001	Gate	10	Operations
2001	Bathrooms	65	Operations
Total		\$2,545	

Georgetown Airport Accomplishments FY 01/02 - FY 08/09

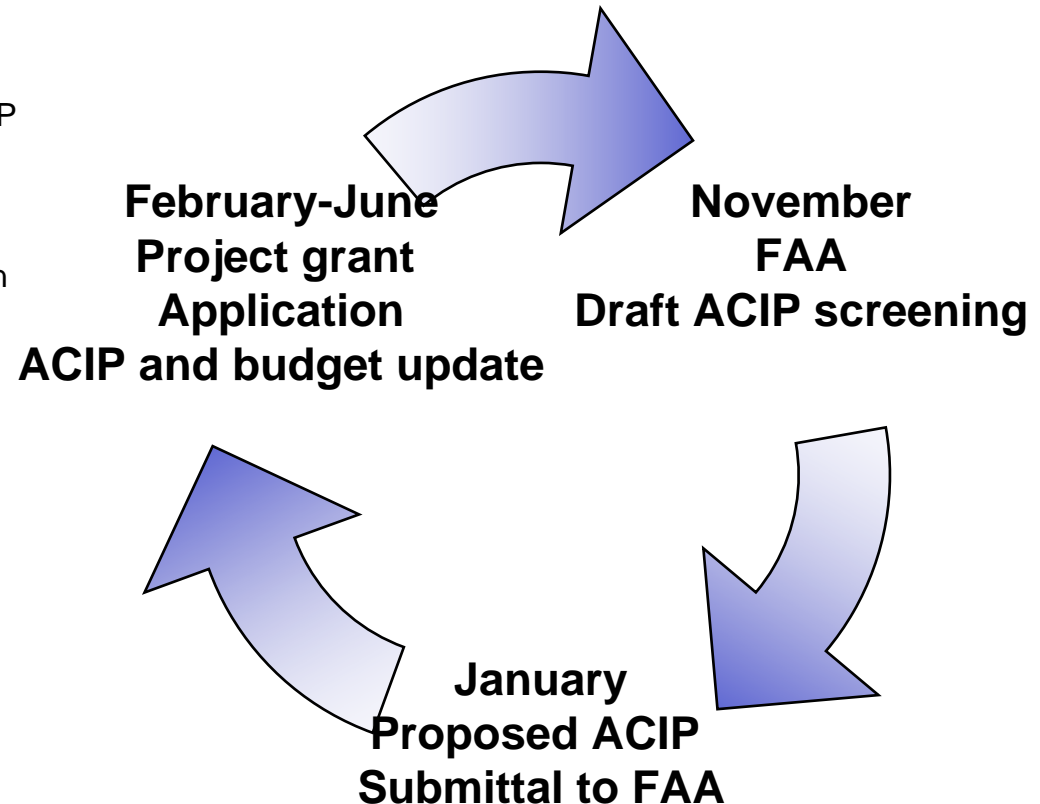
Year Complete	Project Description	Construction Cost (\$000)	Funding Type
2008	Security Fence and Gate	276	FAA
2007	Rehab Runway 16-34; Rehab Apron & Hanger Taxiways	135	FAA
2006	Overlay Runway Rehab, Phase I	838	FAA
2006	Precision Approach Pathway Indicator (PAPI)	35	FAA
2003	Crack Seal Runway	7	Operations
Total		\$1,291	

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DOT Airport Capital Improvement Program (ACIP)

Annual Updating Process:

- **November – Annual meeting with FAA review Airport Layout Plan (ALP) and Draft ACIP for project screening**
 - Review ALP for compliance with Aviation Design Standards. Propose revisions to ALP & ACIP. The Program Managers at FAA guide the Project Sponsor (County) in project ranking and fund eligibility
 - FAA circulates draft ACIP for funding potential to CTC, Federal and State aviation divisions
- **January – Update ACIP and submit to FAA**
 - Based on FAA guidance for ranking and funding capabilities, create a project list for a five to seven year period and submit to FAA
- **February thru June – Submit project funding applications. County updates budget for next year ACIP potential projects**
 - Based on Federal and State budget constraints
 - Project may request authorization for planning, design and construction work
 - Award engineering or construction contract and begin reimbursement process



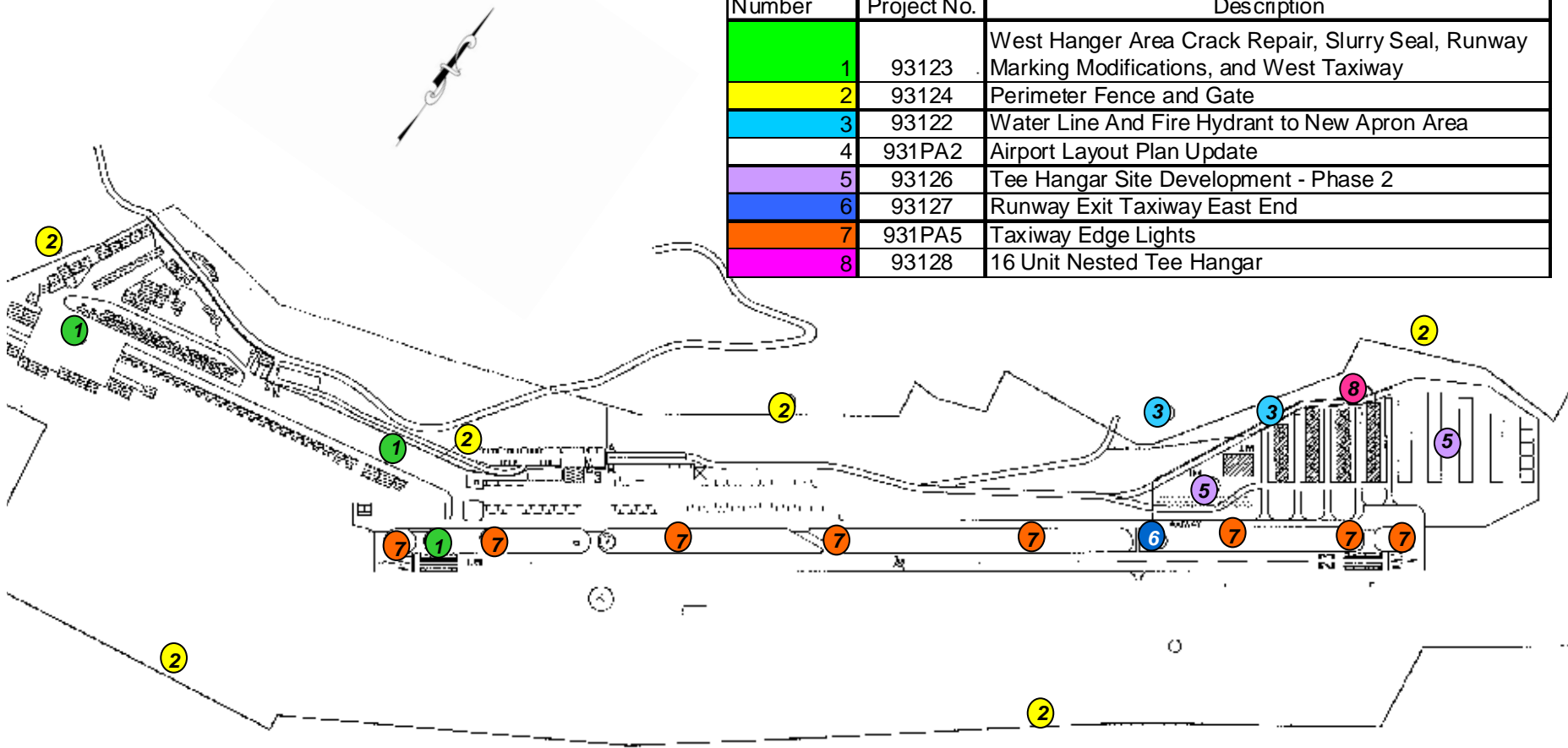
Proposed 2010 Placerville Airport CIP

Number	Project #	Proposed Construction Year	Description
1	93123	2010	West Hangar Area Crack Repair, Slurry Seal, Runway Marking Modifications, and West Taxiway
2	93124	2010	Perimeter Fence and Gates
3	93122	2010	Water Line and Fire Hydrant to New Apron Area
4	931PA2	2011	Airport Layout Plan Update
5	93126	2014	Tee Hangar Site Development - Phase 2
6	93127	2016	Runway Exit Taxiway East End
7	931PA5	2016	Taxiway Edge Lights
8	93128	2017	16 - Unit Nested Tee Hanger
			Totals



Placerville Airport

Number	County Project No.	Description
1	93123	West Hanger Area Crack Repair, Slurry Seal, Runway Marking Modifications, and West Taxiway
2	93124	Perimeter Fence and Gate
3	93122	Water Line And Fire Hydrant to New Apron Area
4	931PA2	Airport Layout Plan Update
5	93126	Tee Hangar Site Development - Phase 2
6	93127	Runway Exit Taxiway East End
7	931PA5	Taxiway Edge Lights
8	93128	16 Unit Nested Tee Hangar



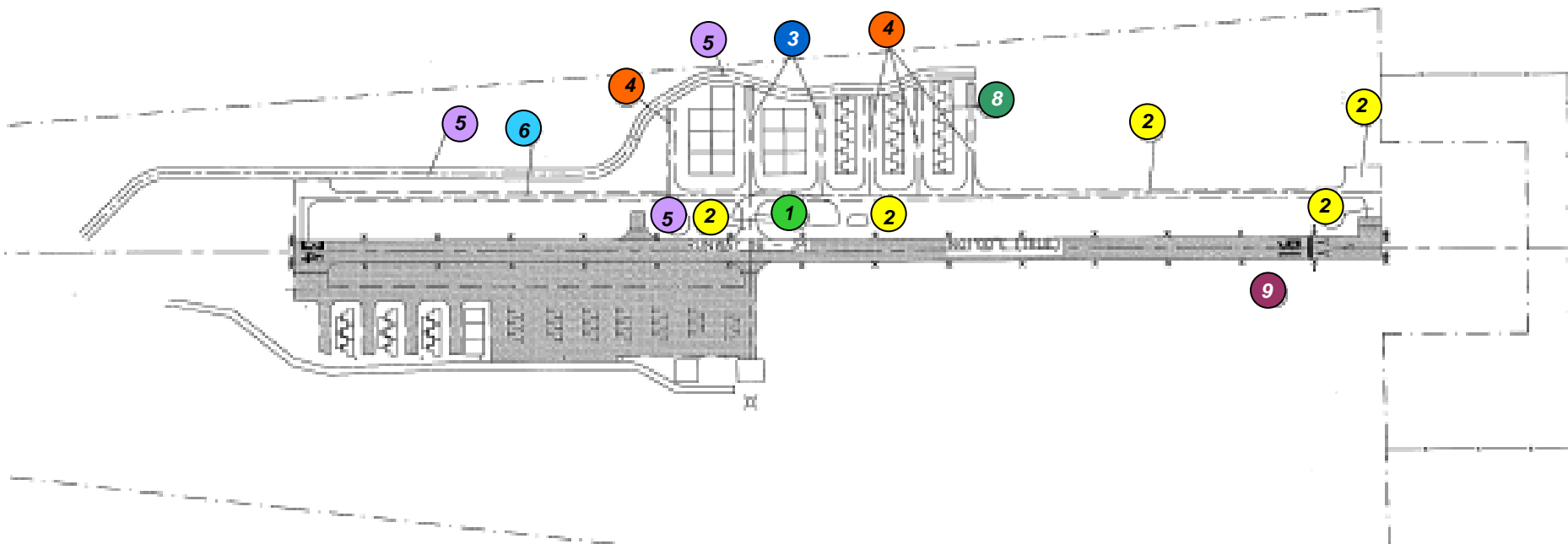
Proposed 2010 Georgetown Airport CIP

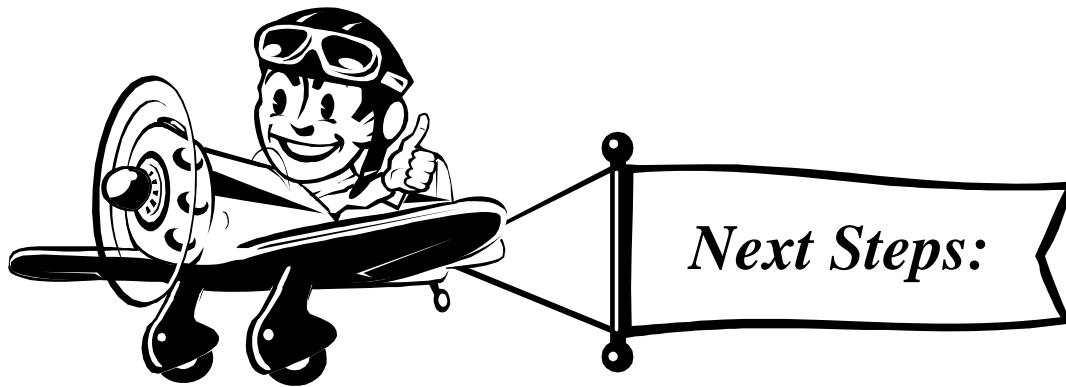
Number	Project #	Proposed Construction Year	Description
1	93522	2010	Regrade Along Edge of Runway
2	93524	2013/2014	West Taxiway
3	93525	2013/2014	West Side Development Phase 1
4	935GA6	2015/2016	West Side Development - Phase 2
5	935GA7	2017	West Access Road
6	935GA8	2018	West Taxiway Phase 2
7	93523	2017	Airport Layout Plan Update
8	935GA10	2019	Hangars - 10 Nested
9	93520	2020	Construct New Automated Weather Observation Station
			Totals



Georgetown Airport

Number	County Project No.	Description
1	93522	Regrade Along Edge of Runway
2	93524	West Taxiway
3	93525	West Side Development Phase 1
4	935GA6	West Side Development Phase 2
5	935GA7	West Access Road
6	935GA8	West Taxiway Phase 2
7	93523	Airport Layout Plan Update
8	935GA10	Hangars - 10 Nested
9	93520	Construct New Automated Weather Observation Station





- Return to the Board with grant applications and projects listed that will be submitted to the FAA
- Submit grant applications to the FAA for acceptance (anticipated that the FAA will approve the 2010 grants in April)
- If the source of funds changes dramatically, or if the FAA reprioritizes projects, DOT will return to update the ACIP

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El Dorado County Parks/Trails - Background

Parks & Trails responsibilities assigned to the Department of Transportation in March of 2009



Park Engineering and Maintenance	
Bradford Park	Shingle Springs, CA
Chili Bar Park	Chili Bar, CA
Pioneer Park	Somerset, CA
Henningsen Lotus Park	Lotus, CA
Walker Ball Fields	Placerville, CA

Trail Engineering and Maintenance	
El Dorado Trail	Sacramento County Line to Ice House Road
Rubicon Trail	El Dorado and Tahoe National Forest

Trails Accomplishments 2009



- The El Dorado Trail from Forni Road to Missouri Flat Road was completed this year. The trail accommodates walking, biking and horseback riding for the public on the newly paved 2.75 mile section of the El Dorado Trail. The public has been enjoying the pathway since it's opening in October of 2009. This unique trail includes views from the historic trestle bridge over Weber Creek.

Winner of a 2009 “SACOG SALUTES” Award



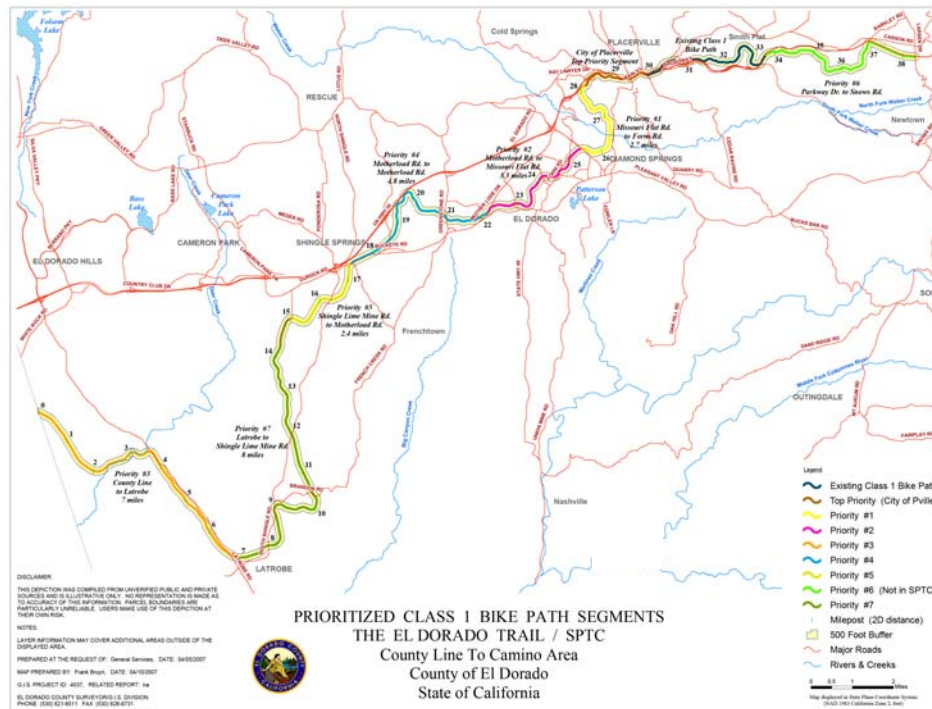
El Dorado County Department of Transportation

Special Recognition

***For El Dorado trail improvements adding connectivity
to major business hubs***

Trails Accomplishments 2009 (Continued)

- The Upper Easement Study of the El Dorado Trail was also completed. The project consisted of analyzing optional trail alignments from Halcon Road to Icehouse Road at Hwy 50.



- These portions of the El Dorado Trail are part of a larger vision which includes construction of a Multi Use Trail from the western County line to South Lake Tahoe.

Proposed Parks & Trails 2010 CIP List

Cost shown in \$000s

Project Name	09/10	10/11	11/12	Deliverable
El Dorado Trail – Los Tramos to Halcon	15	30		Multi UseTrail
		50		
			425	
Chili Bar Park Master Plan	21	7		Master Plan
EDC Parks and Trails Master Plan	117	118		Master Plan
SMUD Trail - El Dorado Hills Blvd East to Silva Valley Parkway (Proposed)	15			Multi UseTrail
	29			
		285		
Walker Ball Fields	9			Ball Fields
		181		
Bradford Park				Restroom Installation
	8	2		
	68	22		

Cost shown in \$000s with each phase

	Planning
	Design
	Construction

Next Steps

- Complete Parks & Trails Master Plan and present for review and approval to the Board
- Complete a review of existing facilities within Parks & Trails to determine service/improvements needed
- Continue to seek out additional funding opportunities to construct and maintain the County parks and trails system

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El Dorado County Facilities CIP- Background

- General Service's Maintenance Operations responsibilities assigned to the Department of Transportation's Maintenance Division in March of 2009
- General Service's Facilities Engineering/Parks & Trails responsibilities assigned to the Department of Transportation's Facilities Engineering Division in May of 2009

Facilities: Current Status



- Existing County Facilities
- Courts
- Animal Services Facility



Complete Review of Existing County Facilities



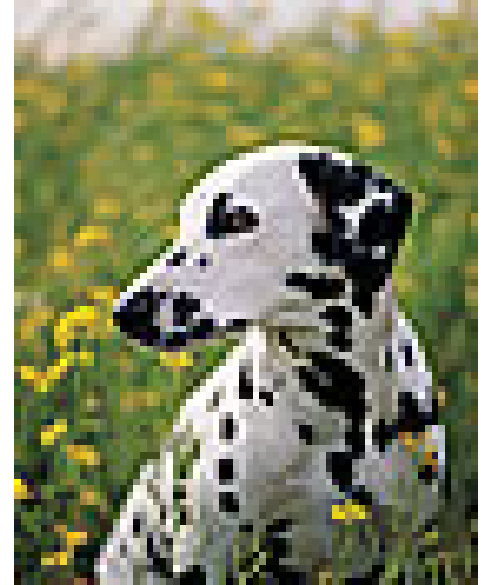
- Assess existing conditions and identify County Facilities' needs
- Coordinate with the CAO and various Department Heads
- Develop strategic plan to address the needs
- Prioritize and schedule needed maintenance and upgrades to facilities
- Review with the Board and receive direction

Courts



- Work with the State's AOC to advance the new court project
- Existing projects:
 - ADA improvements and seismic retrofits per EDC's agreement
- On-going projects:
 - Courts will be utilizing the lower floor of Juvenile Hall
- Court facilities for the future

Animal Services Facility



- Review decisions made to date
- Develop location, design, and alternatives to meet the needs of the citizens in EDC
- Return to the Board in February with recommendations

DOT requests the Board provide direction:

Direct DOT to make changes
as discussed today and
return for approval.