

# Capital Overlay and Rehabilitation Program

## Capital Overlay and Rehabilitation Program (CORP)

DOT's Maintenance Division plans to overlay and rehabilitate as many of the roads as possible on its project priority list given available funding. Asphalt-Concrete (AC) overlays are considered to be capital projects if they are one-inch (1") or more in thickness. In 2011, the Department completed three capital overlay projects, made possible due to external funding from Proposition 1B:

- North Shingle Rd: Ponderosa Rd at Highway 50 to Green Valley Rd (4 miles)
- Newtown Rd: Mining Brook Rd to Pleasant Valley Rd (5 miles)
- North Upper Truckee Rd: Highway 50 to Lake Tahoe Blvd (2 miles).

A portion of Latrobe Road is planned this summer for an AC overlay as part of the Latrobe Road/Ryan Ranch Road Realignment CIP Project. Francisco Drive overlay will be constructed in conjunction with CIP project 71358 (right turn pocket).

The Department has a long "wish list" of AC overlay projects, some of which are listed here:

<u>TIMING</u>	<u>AREA</u>	<u>ROAD, LIMITS</u>	<u>MILES</u>	<u>EST. COST (\$M)</u>
Target - Summer 2012	Latrobe	Latrobe Rd: Assist with CIP 73359 Latrobe Rd/Ryan Ranch Road prep work for 1,000 feet of roadway overlay south of the safety project	0.19	0.3
TBD	El Dorado Hills	Francisco Drive: El Dorado Hills Blvd. to south of Embarcadero Dr.	TBD	0.3
Awaiting funding	Garden Valley/ Greenwood, Placerville	Greenwood Rd: Marshall Rd to Hwy 193 Forni Rd – Missouri Flat Rd to Placerville Dr 72183	7.00	1.8
Awaiting funding	Placerville	Greenstone Rd: Green Valley Rd to Mother Lode Dr	2.53	0.6
Awaiting funding	Lotus, Coloma	Luneman Rd: Lotus Rd to Jurgens Rd	3.96	1.1
Awaiting funding	Tahoe	S. Upper Truckee Rd: Hwy 50 to Upper Truckee Bridge	4.00	1.5
Awaiting funding	Tahoe	Sawmill Road: Hwy 50 to Lake Tahoe Blvd	1.84	0.7
Awaiting funding	Tahoe	Elks Club Road: Pioneer Trail to Hwy 50	0.81	0.4

- Prop 1B funding  
 When funding becomes available

DOT prioritizes CORP projects based on several criteria including pavement condition, traffic volume, and traffic circulation.

Detailed project summaries follow this overview; they include descriptions, vicinity maps, timing, cost and revenue information. The “Revenues” section of each project summary lists the various funding sources for each project. The “Expenditures” section of each project summary includes the various types of costs planned to be incurred for each project. These are described briefly below:

- “Planning/Env – Staff” and “Planning/Env – Consultant”: Typically the first step in the project delivery process, it includes all costs related to planning the project including the preliminary design and research required to complete the environmental analysis. Where needed, this step also includes the costs associated with monitoring the environment affected by the project to ensure any impacts are mitigated. “- Staff” refers to the cost for DOT staff time while “- Consultant” includes all other costs (e.g., staff time from non-DOT departments, external consultants which specialize in environmental analysis, rental of monitoring equipment, etc.)
- “Design – Staff” and “Design – Consultant”: Includes all costs related to creating the project plans, specifications and engineer’s cost estimates to make a project bid-ready. This phase usually begins in earnest after environmental analysis has been certified by the Board of Supervisors, and it can be done in parallel with right-of-way acquisition. “- Staff” refers to the cost for DOT staff time while “- Consultant” includes all other costs.
- “Asphalt Patching – Staff”: Includes DOT staff time for patching roads prior to overlaying them.
- “Construction Mgmt – Staff”, “Construction Mgmt – Consultant”: Includes all costs related to managing, overseeing and inspecting a project once the project has been bid and awarded to an external firm for construction. “- Staff” refers to the cost for DOT staff time while “- Consultant” includes all other costs.
- “Construction Mgmt – Services and Supplies”: Includes costs of materials and supplies that DOT staff uses for example in asphalt patching.
- “Direct Construction Costs”: Refers to the actual cost to build the project.

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## 5 Year CORP Project Index

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72185	Latrobe Road Overlay Prep Work Ryan Ranch Road to Cothrin Ranch Road	\$255,000	14
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	Total:	\$3,972,957	
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# Project Summary Table - CORP

\* = Bridge Projects

P = Planning/Environmental  
 D = Design  
 R = Right of Way  
 C = Construction

Project #	Name	Total Cost (\$M)	11/12	12/13	13/14	14/15	15/16	16/17-20/21	Future
111	Contract Overlay - North Upper Truckee Road (2 Miles)	0.83	C						
112	Contract Overlay - North Shingle Road (4 miles)	1.06	C						
113	Contract Overlay - Newtown Road (5 Miles)	1.56	C						
114	Latrobe Road Overlay Prep Work Ryan Ranch Road to Cothrin Ranch Road	0.26		C					
115	Overlay - Francisco Drive	0.26		P	D				



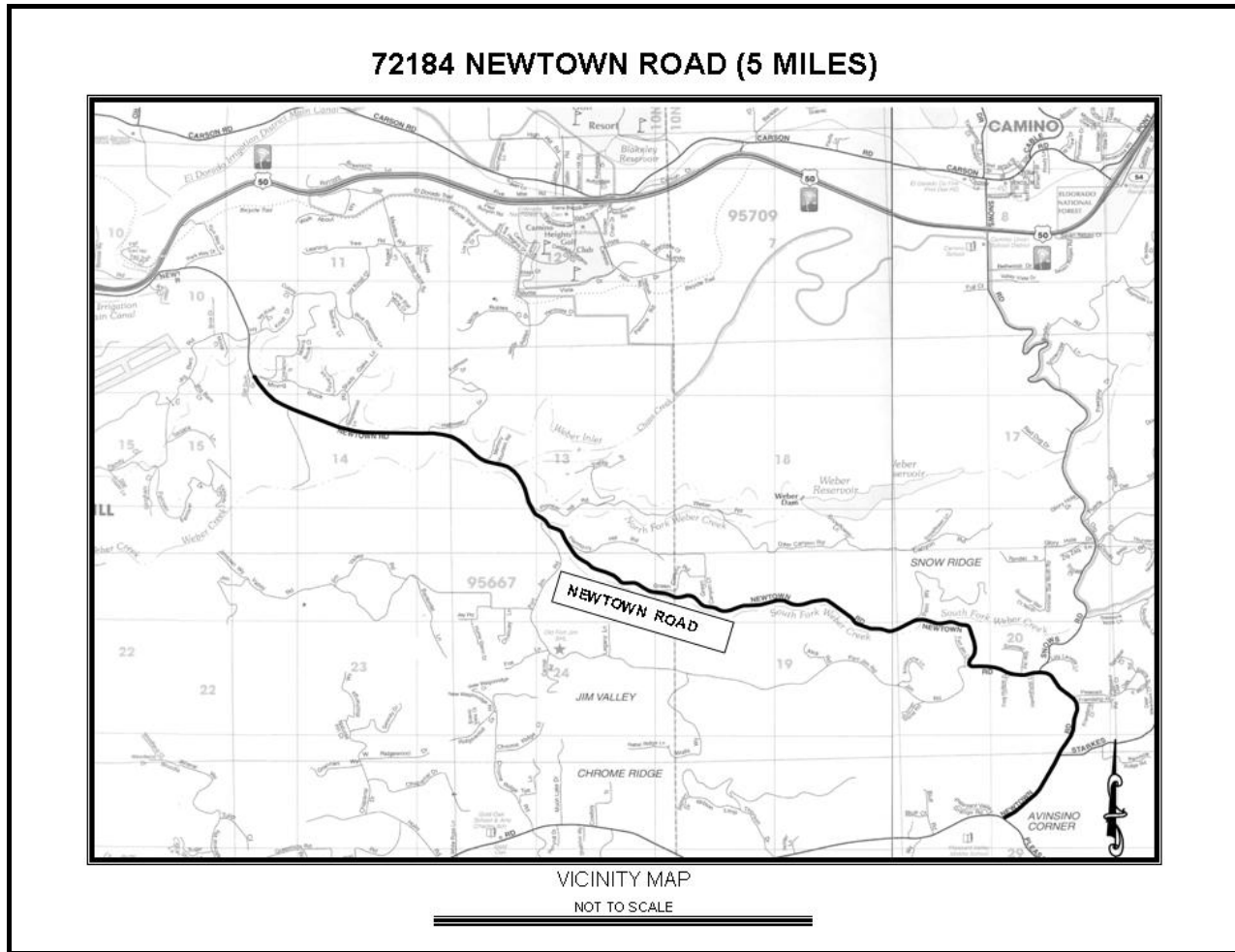
# Contract Overlay - Newtown Road (5 Miles) CIP Project Summary



Project No: 72184

Type: Roadway

Supervisor District(s) 2, 3



### Project Description:

Asphalt concrete overlay (2") on Newtown Road from Mining Brook Road to Pleasant Valley Road including base failure repairs and striping.

Original Budget: \$1,207,000

Expenses to Date: \$71,225

Project Initiation Date: 10/01/10





# Contract Overlay - Newtown Road (5 Miles)

## Financing Plan & Tentative Schedule



Project No: 72184

Type: Roadway

Supervisor District(s) 2, 3

*All Figures in Thousands*

Revenue by Funding Source	Prior FY	FY 11/12	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17-20/21	Future	Total
Proposition 1B	\$1	\$1,442	\$0	\$0	\$0	\$0	\$0	\$0	\$1,443
RSTP Exchange Funds-EDCTC	\$71	\$49	\$0	\$0	\$0	\$0	\$0	\$0	\$120
<b>Total</b>	<b>\$71</b>	<b>\$1,492</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,563</b>

*All Figures in Thousands*

Expenditures	Prior FY	FY 11/12	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17-20/21	Future	Total
Planning/Env - Staff	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design - Consultant	\$1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1
Design - Staff	\$18	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18
Construction Mgmt - Consultant	\$0	\$3	\$0	\$0	\$0	\$0	\$0	\$0	\$3
Construction Mgmt - Staff	\$0	\$71	\$0	\$0	\$0	\$0	\$0	\$0	\$71
Direct Construction Costs	\$52	\$1,418	\$0	\$0	\$0	\$0	\$0	\$0	\$1,470
<b>Total</b>	<b>\$71</b>	<b>\$1,492</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,563</b>

Project Schedule	Prior FY	FY 11/12	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17-20/21	Future	
Planning/Environmental									
Design									
Right Of Way									
Construction									



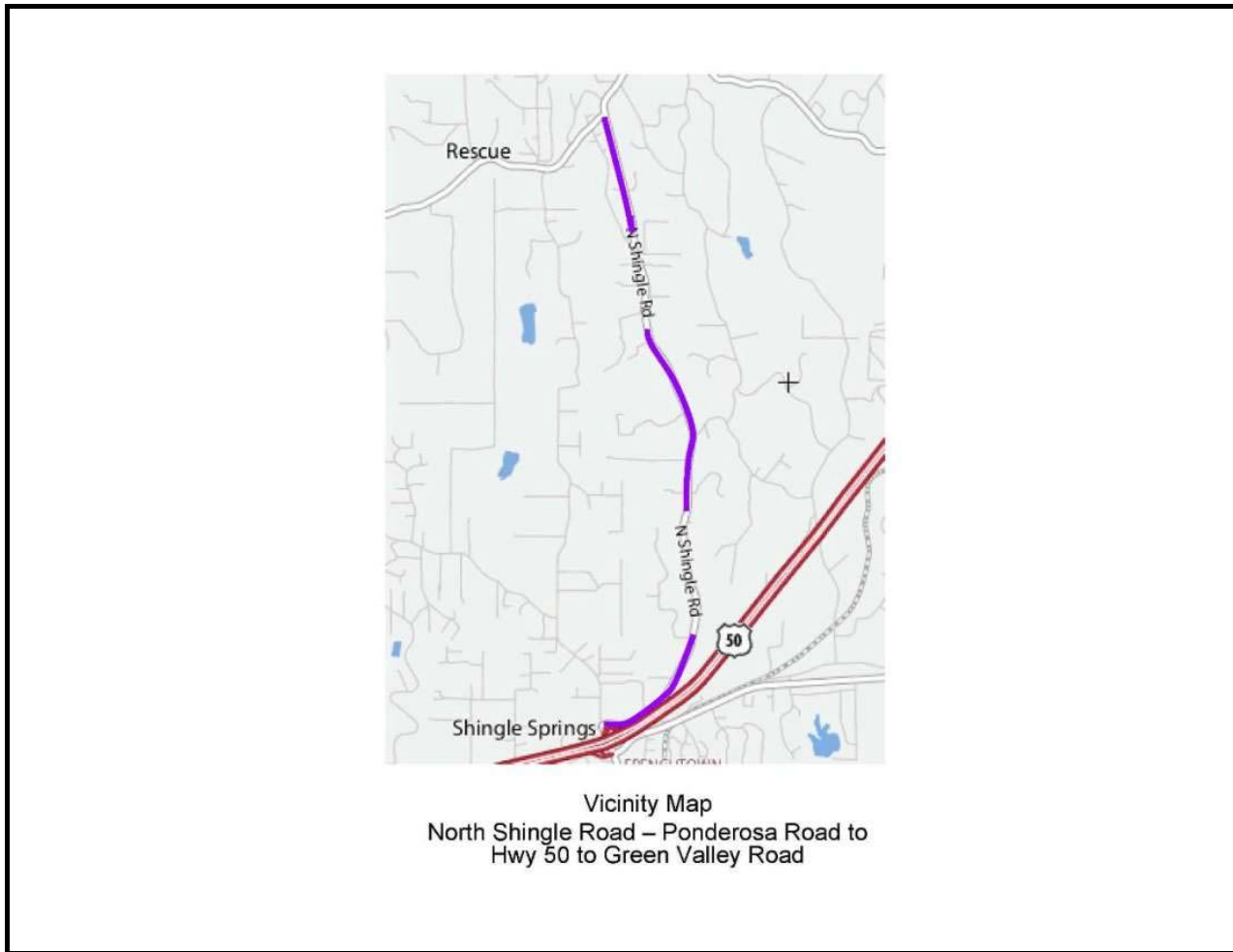
# Contract Overlay - North Shingle Road (4 miles) CIP Project Summary



Project No: 72179

Type: Roadway

Supervisor District(s) 4



### Project Description:

Asphalt concrete overlay (2") on North Shingle Road from Ponderosa Road at U.S. Highway 50 to Green Valley Road including base failure repairs and striping.

Original Budget: \$1,915,000

Expenses to Date: \$206,922

Project Initiation Date: 04/27/10



# Contract Overlay - North Shingle Road (4 miles)

## Financing Plan & Tentative Schedule



Project No: 72179

Type: Roadway

Supervisor District(s) 4

*All Figures in Thousands*

Revenue by Funding Source	Prior FY	FY 11/12	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17-20/21	Future	Total
CA Integrated Waste Mgmt Board (CIWMB)	\$0	\$99	\$0	\$0	\$0	\$0	\$0	\$0	\$99
General Fund Contribution in Lieu of Motor Veh Lic Fees	\$151	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$151
Proposition 1B	\$16	\$757	\$0	\$0	\$0	\$0	\$0	\$0	\$773
RSTP Exchange Funds-EDCTC	\$40	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$40
<b>Total</b>	<b>\$207</b>	<b>\$855</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,062</b>

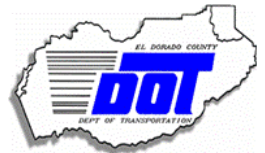
*All Figures in Thousands*

Expenditures	Prior FY	FY 11/12	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17-20/21	Future	Total
Planning/Env - Staff	\$1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1
Design - Consultant	\$1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1
Design - Staff	\$42	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$42
Construction Mgmt - Consultant	\$0	\$2	\$0	\$0	\$0	\$0	\$0	\$0	\$2
Construction Mgmt - Staff	\$0	\$84	\$0	\$0	\$0	\$0	\$0	\$0	\$84
Direct Construction Costs	\$163	\$769	\$0	\$0	\$0	\$0	\$0	\$0	\$932
<b>Total</b>	<b>\$207</b>	<b>\$855</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,062</b>

Project Schedule	Prior FY	FY 11/12	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17-20/21	Future	
Planning/Environmental									
Design									
Right Of Way									
Construction									



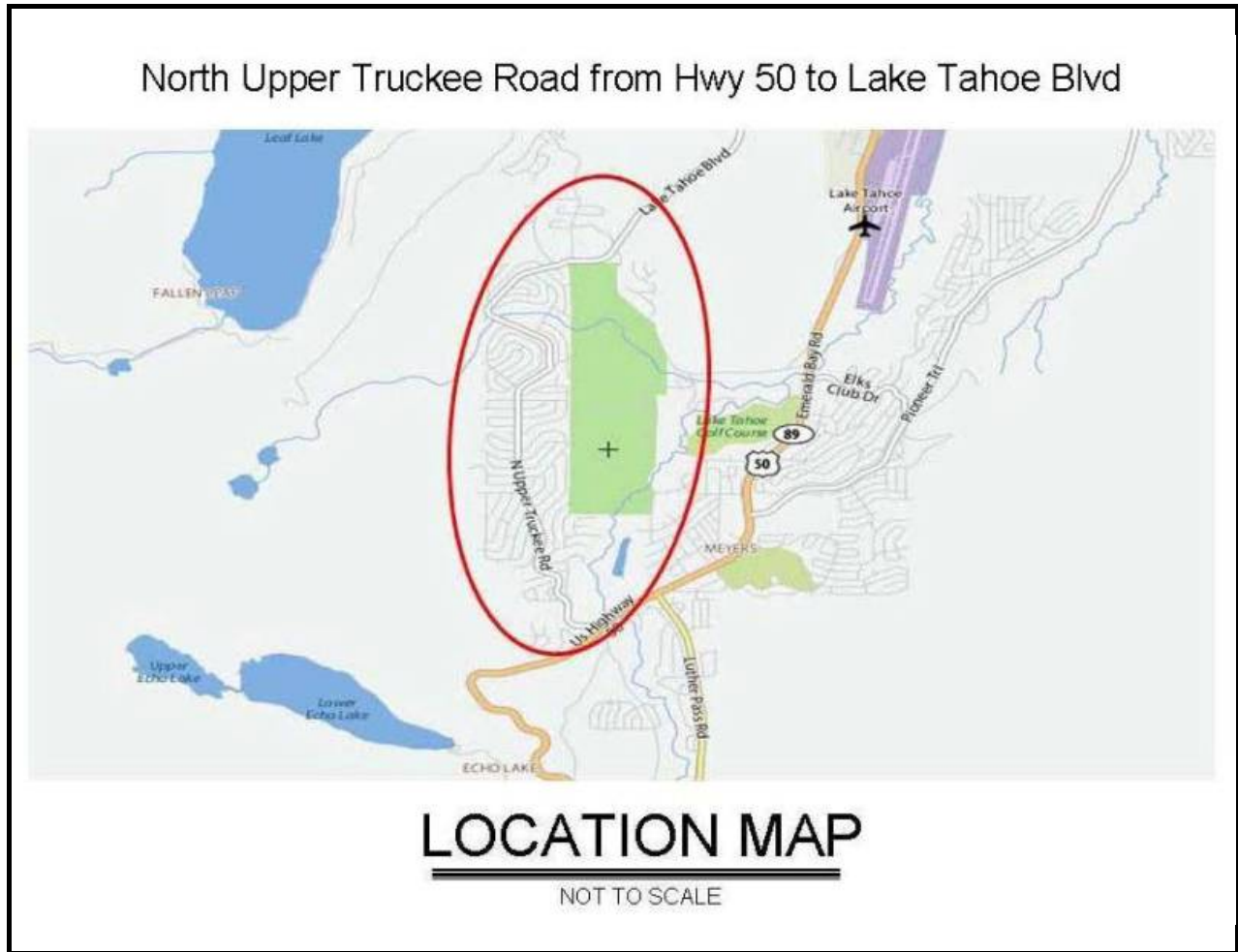
# Contract Overlay - North Upper Truckee Road (2 Miles) CIP Project Summary



Project No: 72178

Type: Roadway

Supervisor District(s) 5



### Project Description:

Asphalt concrete overlay (2") on North Upper Truckee Road from Hwy 50 to Lake Tahoe Blvd. including base failure repairs and striping.

Original Budget: \$240,000

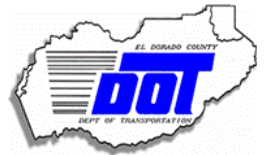
Expenses to Date: \$23,920

Project Initiation Date: 04/27/10



# Contract Overlay - North Upper Truckee Road (2 Miles)

## Financing Plan & Tentative Schedule



Project No: 72178

Type: Roadway

Supervisor District(s) 5

*All Figures in Thousands*

Revenue by Funding Source	Prior FY	FY 11/12	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17-20/21	Future	Total
Proposition 1B	\$24	\$782	\$0	\$0	\$0	\$0	\$0	\$0	\$806
South Tahoe Public Utility District	\$0	\$27	\$0	\$0	\$0	\$0	\$0	\$0	\$27
<b>Total</b>	<b>\$24</b>	<b>\$809</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$833</b>

*All Figures in Thousands*

Expenditures	Prior FY	FY 11/12	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17-20/21	Future	Total
Design - Consultant	\$1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1
Design - Staff	\$23	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$23
Construction Mgmt - Consultant	\$0	\$1	\$0	\$0	\$0	\$0	\$0	\$0	\$1
Construction Mgmt - Staff	\$0	\$51	\$0	\$0	\$0	\$0	\$0	\$0	\$51
Direct Construction Costs	\$0	\$756	\$0	\$0	\$0	\$0	\$0	\$0	\$756
<b>Total</b>	<b>\$24</b>	<b>\$809</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$833</b>

Project Schedule	Prior FY	FY 11/12	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17-20/21	Future	
Planning/Environmental									
Design									
Right Of Way									
Construction									



# Latrobe Road Overlay Prep Work Ryan Ranch Road to Cothrin Ranch Road

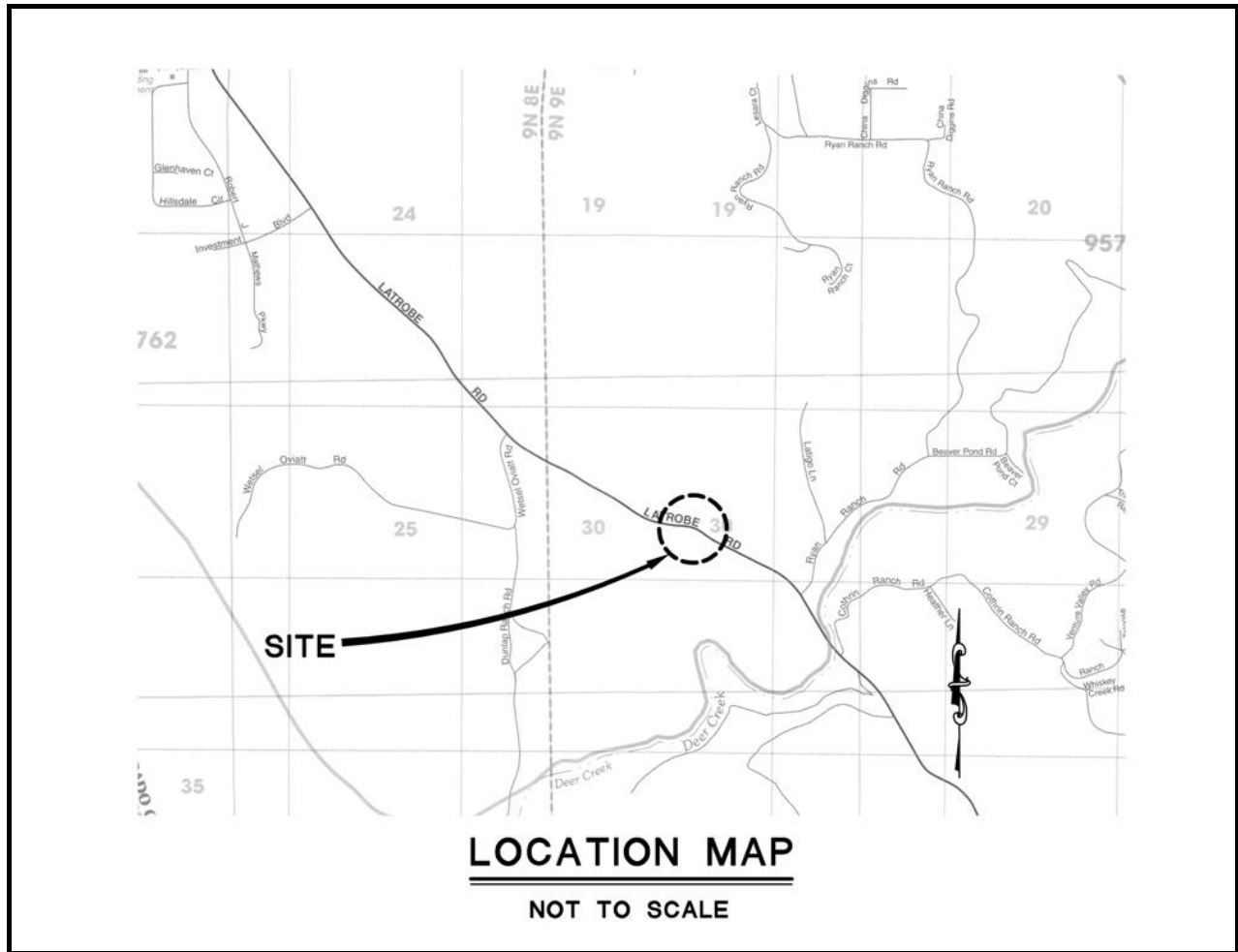
## CIP Project Summary



Project No: 72185

Type: Roadway

Supervisor District(s) 2



### Project Description:

Prep work for the overlay to be done between Ryan Ranch Road and Cothrin Ranch Road. The prep work will be completed by the Road Maintenance Division. The contract overlay will be added to the bid documents for the Latrobe Road safety project north of Ryan Ranch Road 73359.

Original Budget: \$255,000

Expenses to Date: \$0

Project Initiation Date: 04/17/12



# Latrobe Road Overlay Prep Work Ryan Ranch Road to Cothrin Ranch Road Financing Plan & Tentative Schedule



Project No: 72185

Type: Roadway

Supervisor District(s) 2

*All Figures in Thousands*

Revenue by Funding Source	Prior FY	FY 11/12	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17-20/21	Future	Total
Proposition 1B	\$0	\$0	\$255	\$0	\$0	\$0	\$0	\$0	\$255
<b>Total</b>	\$0	\$0	\$255	\$0	\$0	\$0	\$0	\$0	\$255

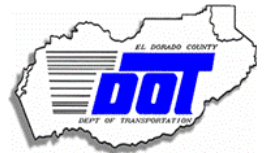
*All Figures in Thousands*

Expenditures	Prior FY	FY 11/12	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17-20/21	Future	Total
Direct Construction Costs	\$0	\$0	\$255	\$0	\$0	\$0	\$0	\$0	\$255
<b>Total</b>	\$0	\$0	\$255	\$0	\$0	\$0	\$0	\$0	\$255

Project Schedule	Prior FY	FY 11/12	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17-20/21	Future	
Planning/Environmental									
Design									
Right Of Way									
Construction									



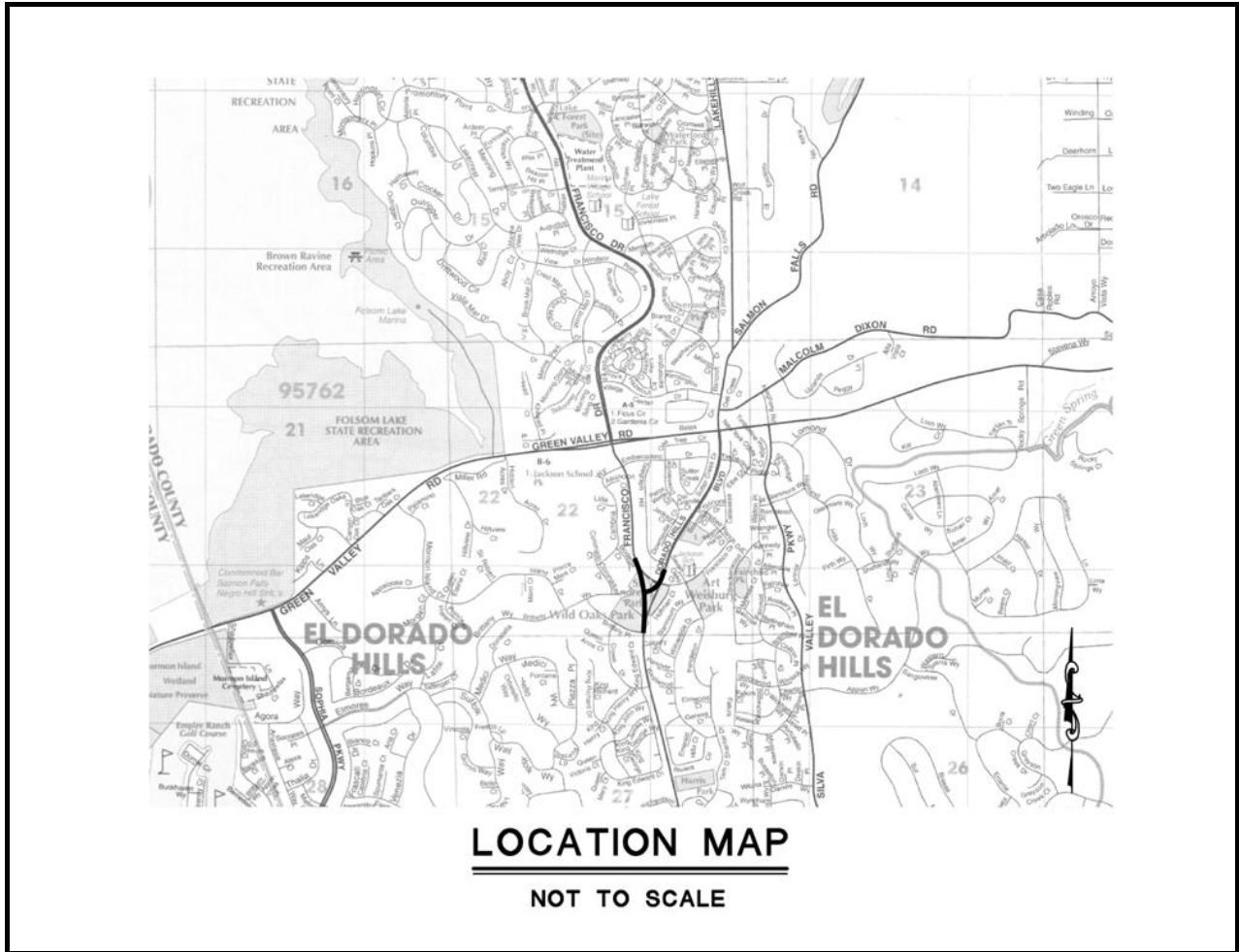
# Overlay - Francisco Drive CIP Project Summary



Project No: 72186

Type: Roadway

Supervisor District(s) 1



### Project Description:

Overlay - Francisco Drive

Original Budget: \$260,000

Expenses to Date: \$0

Project Initiation Date: 06/04/12





# Overlay - Francisco Drive Financing Plan & Tentative Schedule



Project No: 72186

Type: Roadway

Supervisor District(s) 1

*All Figures in Thousands*

Revenue by Funding Source	Prior FY	FY 11/12	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17-20/21	Future	Total
RSTP Federal Funds-Urban	\$0	\$0	\$15	\$245	\$0	\$0	\$0	\$0	\$260
<b>Total</b>	\$0	\$0	\$15	\$245	\$0	\$0	\$0	\$0	\$260

*All Figures in Thousands*

Expenditures	Prior FY	FY 11/12	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17-20/21	Future	Total
Planning/Env - Staff	\$0	\$0	\$5	\$0	\$0	\$0	\$0	\$0	\$5
Design - Staff	\$0	\$0	\$10	\$0	\$0	\$0	\$0	\$0	\$10
Construction Mgmt - Staff	\$0	\$0	\$0	\$20	\$0	\$0	\$0	\$0	\$20
Direct Construction Costs	\$0	\$0	\$0	\$225	\$0	\$0	\$0	\$0	\$225
<b>Total</b>	\$0	\$0	\$15	\$245	\$0	\$0	\$0	\$0	\$260

Project Schedule	Prior FY	FY 11/12	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17-20/21	Future	
Planning/Environmental									
Design									
Right Of Way									
Construction									



# Cost Estimate by Phase Summary CORP

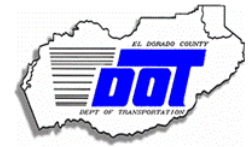


*All Figures In Thousands*

	<i>Prior</i>	<i>11/12</i>	<i>12/13</i>	<i>13/14</i>	<i>14/15</i>	<i>15/16</i>	<i>16/17- 20/21</i>	<i>Future</i>	<i>Total</i>
<i>Construction Mgmt - Consultant</i>	0	7	0	0	0	0	0	0	7
<i>Construction Mgmt - Staff</i>	0	206	0	20	0	0	0	0	226
<i>Design - Consultant</i>	2	0	0	0	0	0	0	0	2
<i>Design - Staff</i>	84	0	10	0	0	0	0	0	94
<i>Direct Construction Costs</i>	215	2,943	255	225	0	0	0	0	3,638
<i>Planning/Env - Staff</i>	1	0	5	0	0	0	0	0	6
<b>Totals</b>	302	3,156	270	245	0	0	0	0	3,973



# Revenue Source Summary CORP



*All Figures In Thousands*

	<i>Prior</i>	<i>11/12</i>	<i>12/13</i>	<i>13/14</i>	<i>14/15</i>	<i>15/16</i>	<i>16/17- 20/21</i>	<i>Future</i>	<i>Total</i>
CA Integrated Waste Mgmt Board (CIWMB)	0	99	0	0	0	0	0	0	99
General Fund Contribution in Lieu of Motor Veh Lic Fees	151	0	0	0	0	0	0	0	151
Proposition 1B	41	2,981	255	0	0	0	0	0	3,276
RSTP Exchange Funds-EDCTC	111	49	0	0	0	0	0	0	160
RSTP Federal Funds-Urban	0	0	15	245	0	0	0	0	260
South Tahoe Public Utility District	0	27	0	0	0	0	0	0	27
<b><i>Totals</i></b>	<b>302</b>	<b>3,156</b>	<b>270</b>	<b>245</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,973</b>