

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Project Description:

Limits: Almond Rd, Black Olive Dr, Foster Rd, Pearson Rd, Birch St, Fir St, Cedar St, Elliot Rd.

Proposed Improvement: Downtown Capital Improvements involving roadway and streetscape modifications
(Scope)

Alternative:

ROADWAY ITEMS	\$13,640,000
STRUCTURE ITEMS	\$0
SUBTOTAL CONSTRUCTION	\$13,640,000
STORMWATER	\$210,000
RIGHT OF WAY & UTILITIES	\$1,184,700
TOTAL PROJECT COST	\$15,034,700

Reviewed by			
Program Manager	(Signature)		(Date)

Approved by	Matt Brogan	(916) 381-9100	3/17/2010
Project Manager	(Signature)	(Phone)	(Date)

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

I. ROADWAY ITEMS

	<u>Quantity</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Section Cost</u>
<u>Section 1 - Earthwork</u>				
Roadway Excavation	14,240	CY	\$15.00	\$213,600
Imported Borrow	3,935	CY	\$12.00	\$47,220
Cold Plane (3")	2,800	CY	\$80.00	\$224,000
Clearing & Grubbing	8	AC	\$3,000	\$23,250
Remove Trees	99	EA	\$250	\$24,750
Develop Water Supply	9	LS	\$10,000	\$85,000
			<u>Total Earthwork</u>	<u>\$617,820</u>
<u>Section 2 - Structural Section *</u>				
HMA Overlay (2" Max)	3,723	TON	\$90	\$335,070
Asphalt Concrete	1,462	TON	\$90	\$131,580
Aggregate Base	2,824	CY	\$55	\$155,320
PCC	275	CY	\$460	\$126,500
Sand	2,113	CY	\$155	\$327,515
			<u>Total Structural Section</u>	<u>\$1,075,985</u>
<u>Section 3 - Drainage</u>				
RCP	4,349	LF	\$155	\$674,095
Drainage Inlet	35	EA	\$4,000	\$140,000
Drainage Manhole	10	EA	\$4,000	\$40,000
			<u>Total Drainage</u>	<u>\$854,095</u>

* Attach sketch showing typical structural section elements of the roadway.
Include (if available) T.I., R-Value, and date when tests were performed

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

	<u>Quantity</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Section Cost</u>	
<u>Section 4 - Specialty Items</u>					
Minor Concrete (Sidewalk)	93,015	SF	\$12	\$1,116,180	
Minor Concrete (Curb & Gutter)	10,450	LF	\$25	\$261,250	
Minor Concrete (Curb)	1,031	LF	\$35	\$36,085	
Minor Concrete (Textured Paving)	28,715	SF	\$20	\$574,300	
Minor Concrete (Island)	320	SF	\$25	\$8,000	
Minor Concrete (Driveway)	23,421	SF	\$20	\$468,420	
Minor Concrete (Median)	7,895	SF	\$25	\$197,375	
Minor Concrete (Valley Gutter)	7,973	SF	\$25	\$199,325	
Minor Concrete (Pedestrian Ramp)	52	EA	\$3,000	\$156,000	
Retaining Wall	1,530	SF	\$65	\$99,450	
Water Line	1	LS	\$966,900	\$966,900	
Landscape & Irrigation	1	LS	\$769,766	\$769,766	
Electrical	1	LS	\$869,040	\$869,040	
				<u>Total Specialty Items</u>	<u>\$5,722,091</u>
<u>Section 5 - Traffic Items</u>					
Permanent Signing & Striping	1	LS	\$120,600	\$120,600	
Traffic Management Plan	1	LS	\$156,000	\$156,000	
				<u>Total Traffic Items</u>	<u>\$276,600</u>
SUBTOTAL SECTIONS 1 - 5:					<u><u>\$8,546,591</u></u>

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Section 6 - Minor Items

Subtotal Sections 1 - 5	<u>\$8,546,591</u>	(5-10%) X 10%	<u>\$854,659</u>	
			TOTAL MINOR ITEMS:	<u><u>\$854,659</u></u>

Section 7 - Roadway Mobilization

Subtotal Sections 1 - 5	<u>\$8,546,591</u>			
Minor Items	<u>\$854,659</u>	(5-10%)		
Sum	<u>\$9,401,250</u>	X 10%	<u>\$940,125</u>	
			TOTAL ROADWAY MOBILIZATION	<u><u>\$940,125</u></u>

Section 8 - Roadway Additions

Supplemental

Subtotal Sections 1 - 5	<u>\$8,546,591</u>			
Minor Items	<u>\$854,659</u>	(5-10%)		
Sum	<u>\$9,401,250</u>	X 10%	<u>\$940,125</u>	

Contingencies

Subtotal Sections 1 - 5	<u>\$8,546,591</u>			
Minor Items	<u>\$854,659</u>			
Sum	<u>\$9,401,250</u>	X 25% *	<u>\$2,350,313</u>	

TOTAL ROADWAY ADDITIONS	<u><u>\$3,290,438</u></u>
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TOTAL ROADWAY ITEMS	<u><u>\$13,631,813</u></u>
(Total of Sections 1 - 8)	

Estimate			
Prepared By:	<u>Matt Brogan</u>	<u>(916) 381-9100</u>	<u>17-Mar-10</u>
	(Print Name)	(Phone)	(Date)

* Use 25% at the PSR stage or a higher or lower rate if justified.

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

II. STRUCTURES ITEMS

Bridge Name	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Structure Type	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Width (FT) - out to out	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Span Lengths (FT)	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Total Area (SF)	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Footing Type (pile/spread)	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Cost per SF. Including: Mobilization: 10% Contingency: 25%	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Total Cost For Structure	<u> \$0 </u>	<u> \$0 </u>	<u> \$0 </u>	<u> \$0 </u>

SUBTOTAL STRUCTURES ITEMS \$0

TOTAL STRUCTURES ITEMS: \$0

COMMENTS:

Estimate Prepared By:	<u> Matt Brogan </u>	<u> (916) 381-9100 </u>	<u> 17-Mar-10 </u>
	(Print Name)	(Phone)	(Date)

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

III. RIGHT OF WAY

Right-of-Way estimates should consider the probable highest and best use and type and intent of improvements at the time of acquisition. Assume acquisition including utility relocation occurs at the right of way certification milestone as shown in the Funding and Scheduling Section of the report. For further guidance see Chapter 1, Caltrans Right of Way Procedural Handbook.

	<u>Current Area (Future Use)</u>	<u>Escalation Rate (%/yr)</u>	<u>Escalated Value *</u>
Acquisition, including excess lands and damages to remainders	<u>\$14,700</u>	<u>5%</u>	<u>\$16,000</u>
Utility Relocation (Project Cost)	<u>\$1,170,000</u>	<u>5%</u>	<u>\$1,290,000</u>
Clearance / Demolition	<u></u>	<u>5%</u>	<u>\$0</u>
Relocation Assistance Program	<u></u>	<u>5%</u>	<u>\$0</u>
Environmental Mitigation	<u></u>	<u>5%</u>	<u>\$0</u>
Title and Escrow Fees	<u></u>	<u>5%</u>	<u>\$0</u>
Hazardous Waste Clean-up	<u></u>	<u>5%</u>	<u>\$0</u>
TOTAL RIGHT OF WAY ** (CURRENT VALUE)	<u>\$1,184,700</u>		<u>\$1,306,000</u>
		TOTAL ESCALATED RIGHT OF WAY	

* - Escalated to assumed year of advertising: 2012

** - Current total value for use on sheet 1 of 6

Estimate prepared by:	<u>Matt Brogan</u>	<u>(916) 381-9100</u>	<u>17-Mar-10</u>
	(Print Name)	(Phone)	(Date)

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Project Description:

Limits: Almond Street improvements from Pearson Rd to Elliot Rd.

Proposed Improvement: Project involves roadway and streetscape improvements.
(Scope)

Alternative:

ROADWAY ITEMS	\$5,270,000
STRUCTURE ITEMS	\$0
SUBTOTAL CONSTRUCTION	\$5,270,000
STORMWATER	\$80,000
RIGHT OF WAY & UTILITIES	\$395,000
TOTAL PROJECT COST	\$5,745,000

Reviewed by		
Program Manager	(Signature)	(Date)

Approved by	Matt Brogan	(916) 381-9100	3/17/2010
Project Manager	(Signature)	(Phone)	(Date)

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

I. ROADWAY ITEMS

	<u>Quantity</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Section Cost</u>	
<u>Section 1 - Earthwork</u>					
Roadway Excavation	6,680	CY	\$15.00	\$100,200	
Imported Borrow	2,160	CY	\$12.00	\$25,920	
Cold Plane (3")	758	CY	\$80.00	\$60,640	
Clearing & Grubbing	2.70	AC	\$3,000	\$8,100	
Remove Trees	39	EA	\$250	\$9,750	
Develop Water Supply	1	LS	\$10,000	\$10,000	
		Almond Street		<u>Total Earthwork</u>	<u>\$214,610</u>
 <u>Section 2 - Structural Section *</u>					
HMA Overlay (2" Max)	1,070	TON	\$90	\$96,300	
Asphalt Concrete	483	TON	\$90	\$43,470	
Aggregate Base	847	CY	\$55	\$46,585	
Porous Concrete Cement	130	CY	\$460	\$59,800	
Sand	1,018	CY	\$155	\$157,790	
				<u>Total Structural Section</u>	<u>\$403,945</u>
 <u>Section 3 - Drainage</u>					
RCP	2,015	LF	\$155	\$312,325	
Drainage Inlet	16	EA	\$4,000	\$64,000	
Drainage Manhole	1	EA	\$4,000	\$4,000	
				<u>Total Drainage</u>	<u>\$380,325</u>

* Attach sketch showing typical structural section elements of the roadway.
Include (if available) T.I., R-Value, and date when tests were performed

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

	<u>Quantity</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Section Cost</u>
<u>Section 4 - Specialty Items</u>				
Minor Concrete (Sidewalk)	38,710	SF	\$12	\$464,520
Minor Concrete (Curb & Gutter)	2,060	LF	\$25	\$51,500
Minor Concrete (Curb)	0	LF	\$35	\$0
Minor Concrete (Textured Paving)	7,440	SF	\$20	\$148,800
Minor Concrete (Island)	0	SF	\$25	\$0
Minor Concrete (Driveway)	11,070	SF	\$20	\$221,400
Minor Concrete (Median)	6,435	SF	\$25	\$160,875
Minor Concrete (Valley Gutter)	6,737	SF	\$25	\$168,425
Minor Concrete (Pedestrian Ramp)	20	EA	\$3,000	\$60,000
Retaining Wall	1,050	SF	\$65	\$68,250
Water Line	1	LS	\$215,570	\$215,570
Landscape & Irrigation	1	LS	\$315,692	\$315,692
Electrical	1	LS	\$298,200	\$298,200
			<u>Total Specialty Items</u>	<u>\$2,173,232</u>
<u>Section 5 - Traffic Items</u>				
Permanent Signing & Striping	1	LS	\$39,700	\$39,700
Traffic Management Plan	1	LS	\$90,000	\$90,000
			<u>Total Traffic Items</u>	<u>\$129,700</u>
			SUBTOTAL SECTIONS 1 - 5:	<u>\$3,301,812</u>

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Section 6 - Minor Items

Subtotal Sections 1 - 5	<u>\$3,301,812</u>	(5-10%) X 10%	<u>\$330,181</u>	
			TOTAL MINOR ITEMS:	<u><u>\$330,181</u></u>

Section 7 - Roadway Mobilization

Subtotal Sections 1 - 5	<u>\$3,301,812</u>			
Minor Items	Almond Street	<u>\$330,181</u>	(5-10%)	
	Sum	<u>\$3,631,993</u>	X 10%	<u>\$363,199</u>
			TOTAL ROADWAY MOBILIZATION	<u><u>\$363,199</u></u>

Section 8 - Roadway Additions

Supplemental				
Subtotal Sections 1 - 5	<u>\$3,301,812</u>			
Minor Items		<u>\$330,181</u>	(5-10%)	
	Sum	<u>\$3,631,993</u>	X 10%	<u>\$363,199</u>
Contingencies				
Subtotal Sections 1 - 5	<u>\$3,301,812</u>			
Minor Items		<u>\$330,181</u>		
	Sum	<u>\$3,631,993</u>	X 25% *	<u>\$907,998</u>
			TOTAL ROADWAY ADDITIONS	<u><u>\$1,271,198</u></u>

TOTAL ROADWAY ITEMS	<u><u>\$5,266,390</u></u>
(Total of Sections 1 - 8)	

Estimate			
Prepared By:	Matt Brogan	(916)-381-9100	17-Mar-10
	(Print Name)	(Phone)	(Date)

* Use 25% at the PSR stage or a higher or lower rate if justified.

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

II. STRUCTURES ITEMS

Bridge Name	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Structure Type	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Width (FT) - out to out	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Span Lengths (FT)	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Total Area (SF)	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Footing Type (pile/spread)	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Cost per SF.	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Including:				
Mobilization: 10%				
Contingency: 25%				

Total Cost For Structure	<u> \$0 </u>	<u> \$0 </u>	<u> \$0 </u>	<u> \$0 </u>
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SUBTOTAL STRUCTURES ITEMS \$0

TOTAL STRUCTURES ITEMS: \$0

COMMENTS:

Estimate Prepared By:	<u> Matt Brogan </u>	<u> (916)-381-9100 </u>	<u> 17-Mar-10 </u>
	(Print Name)	(Phone)	(Date)

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

III. RIGHT OF WAY

Right-of-Way estimates should consider the probable highest and best use and type and intent of improvements at the time of acquisition. Assume acquisition including utility relocation occurs at the right of way certification milestone as shown in the Funding and Scheduling Section of the report. For further guidance see Chapter 1, Caltrans Right of Way Procedural Handbook.

	<u>Current Area (Future Use)</u>	<u>Escalation Rate (%/yr)</u>	<u>Escalated Value *</u>
Acquisition, including excess lands and damages to remainders		5%	\$0
Utility Relocation (Project Cost)	\$395,000	5%	\$435,000
Clearance / Demolition		5%	\$0
Relocation Assistance Program		5%	\$0
Environmental Mitigation		5%	\$0
Title and Escrow Fees		5%	\$0
Hazardous Waste Clean-up		5%	\$0
TOTAL RIGHT OF WAY ** (CURRENT VALUE)	<u>\$395,000</u>	TOTAL ESCALATED RIGHT OF WAY	<u>\$435,000</u>

* - Escalated to assumed year of advertising: 2012

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Project Description:

Limits: Pearson Rd from Skyway to Black Olive Dr.

Proposed Improvement: Project includes roadway and streetscape improvements.

(Scope)

Alternative:

ROADWAY ITEMS	\$1,260,000
STRUCTURE ITEMS	\$0
SUBTOTAL CONSTRUCTION	\$1,260,000
STORMWATER	\$50,000
RIGHT OF WAY & UTILITIES	\$0
TOTAL PROJECT COST	\$1,310,000

Reviewed by			
Program Manager	(Signature)	(Date)	

Approved by	Matt Brogan	(916) 381-9100	3/17/2010
Project Manager	(Signature)	(Phone)	(Date)

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

I. ROADWAY ITEMS

	<u>Quantity</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Section Cost</u>
<u>Section 1 - Earthwork</u>				
Roadway Excavation	1,530	CY	\$15.00	\$22,950
Imported Borrow	370	CY	\$12.00	\$4,440
Cold Plane (3")	470	CY	\$80.00	\$37,600
Clearing & Grubbing	0.60	AC	\$3,000	\$1,800
Remove Trees	10	EA	\$250	\$2,500
Develop Water Supply	1	LS	\$10,000	\$10,000
			Pearson Road	<u>Total Earthwork</u> \$79,290
<u>Section 2 - Structural Section *</u>				
HMA Overlay (2" Max)	640	TON	\$90	\$57,600
Asphalt Concrete	95	TON	\$90	\$8,550
Aggregate Base	130	CY	\$55	\$7,150
Porous Concrete Cement	0	CY	\$460	\$0
Sand	403	CY	\$155	\$62,465
			<u>Total Structural Section</u>	<u>\$135,765</u>
<u>Section 3 - Drainage</u>				
RCP	0	LF	\$155	\$0
Drainage Inlet	0	EA	\$4,000	\$0
Drainage Manhole	0	EA	\$4,000	\$0
			<u>Total Drainage</u>	<u>\$0</u>

* Attach sketch showing typical structural section elements of the roadway.
Include (if available) T.I., R-Value, and date when tests were performed

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

	<u>Quantity</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Section Cost</u>	
<u>Section 4 - Specialty Items</u>					
Minor Concrete (Sidewalk)	5,085	SF	\$12	\$61,020	
Minor Concrete (Curb & Gutter)	910	LF	\$25	\$22,750	
Minor Concrete (Curb)	0	LF	\$35	\$0	
Minor Concrete (Textured Paving)	0	SF	\$20	\$0	
Minor Concrete (Island)	320	SF	\$25	\$8,000	
Minor Concrete (Driveway)	1,430	SF	\$20	\$28,600	
Minor Concrete (Median)	1,460	SF	\$25	\$36,500	
Minor Concrete (Valley Gutter)	0	SF	\$25	\$0	
Minor Concrete (Pedestrian Ramp)	3	EA	\$3,000	\$9,000	
Water Line	1	LS	\$231,900	\$231,900	
Landscape & Irrigation	1	LS	\$99,062	\$99,062	
Electrical	1	LS	\$67,600	\$67,600	
				<u>Total Specialty Items</u>	<u>\$564,432</u>
<u>Section 5 - Traffic Items</u>					
Permanent Signing & Striping	1	LS	\$5,000	\$5,000	
Traffic Management Plan	1	LS	\$3,000	\$3,000	
				<u>Total Traffic Items</u>	<u>\$8,000</u>
					<hr/>
SUBTOTAL SECTIONS 1 - 5:					<u>\$787,487</u>

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Section 6 - Minor Items

Subtotal Sections 1 - 5	<u>\$787,487</u>	(5-10%)		
		X 10%	<u>\$78,749</u>	
			TOTAL MINOR ITEMS:	<u><u>\$78,749</u></u>

Section 7 - Roadway Mobilization

Subtotal Sections 1 - 5	<u>\$787,487</u>			
Minor Items	<u>\$78,749</u>	(5-10%)		
Pearson Road	<u>\$78,749</u>	X 10%	<u>\$86,624</u>	
Sum	<u>\$866,236</u>		TOTAL ROADWAY MOBILIZATION	<u><u>\$86,624</u></u>

Section 8 - Roadway Additions

Supplemental

Subtotal Sections 1 - 5	<u>\$787,487</u>			
Minor Items	<u>\$78,749</u>	(5-10%)		
Sum	<u>\$866,236</u>	X 10%	<u>\$86,624</u>	

Contingencies

Subtotal Sections 1 - 5	<u>\$787,487</u>			
Minor Items	<u>\$78,749</u>			
Sum	<u>\$866,236</u>	X 25% *	<u>\$216,559</u>	

TOTAL ROADWAY ADDITIONS	<u><u>\$303,182</u></u>
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TOTAL ROADWAY ITEMS	<u><u>\$1,256,042</u></u>
(Total of Sections 1 - 8)	

Estimate			
Prepared By:	Matt Brogan	(916) 381-9100	17-Mar-10
	(Print Name)	(Phone)	(Date)

* Use 25% at the PSR stage or a higher or lower rate if justified.

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

II. STRUCTURES ITEMS

Bridge Name	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Structure Type	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Width (FT) - out to out	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Span Lengths (FT)	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Total Area (SF)	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Footing Type (pile/spread)	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Cost per SF. Including: Mobilization: 10% Contingency: 25%	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Total Cost For Structure	<u> \$0 </u>	<u> \$0 </u>	<u> \$0 </u>	<u> \$0 </u>
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SUBTOTAL STRUCTURES ITEMS \$0

TOTAL STRUCTURES ITEMS: \$0

COMMENTS:

Estimate Prepared By:	<u> Matt Brogan </u>	<u> (916) 381-9100 </u>	<u> 17-Mar-10 </u>
	(Print Name)	(Phone)	(Date)

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

III. RIGHT OF WAY

Right-of-Way estimates should consider the probable highest and best use and type and intent of improvements at the time of acquisition. Assume acquisition including utility relocation occurs at the right of way certification milestone as shown in the Funding and Scheduling Section of the report. For further guidance see Chapter 1, Caltrans Right of Way Procedural Handbook.

	Current Area (Future Use)	Escalation Rate (%/yr)	Escalated Value *
Acquisition, including excess lands and damages to remainders		5%	\$0
Utility Relocation (Project Cost)		5%	\$0
Clearance / Demolition		5%	\$0
Relocation Assistance Program		5%	\$0
Environmental Mitigation		5%	\$0
Title and Escrow Fees		5%	\$0
Hazardous Waste Clean-up		5%	\$0
TOTAL RIGHT OF WAY ** (CURRENT VALUE)	\$0	TOTAL ESCALATED RIGHT OF WAY	\$0

* - Escalated to assumed year of advertising: 2012

** - Current total value for use on sheet 1 of 6

Estimate prepared by: Matt Brogan (916) 381-9100 17-Mar-10
(Print Name) (Phone) (Date)

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Project Description:

Limits: Black Olive Drive from Pearson Rd to Willow Rd.

Proposed Improvement: Project includes roadway and streetscape improvements.

(Scope)

Alternative:

ROADWAY ITEMS	\$1,820,000
STRUCTURE ITEMS	\$0
SUBTOTAL CONSTRUCTION	\$1,820,000
STORMWATER	\$50,000
RIGHT OF WAY & UTILITIES	\$298,000
TOTAL PROJECT COST	\$2,168,000

Reviewed by			
Program Manager	(Signature)		(Date)

Approved by	Matt Brogan	(916) 381-9100	3/17/2010
Project Manager	(Signature)	(Phone)	(Date)

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

I. ROADWAY ITEMS

	<u>Quantity</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Section Cost</u>	
<u>Section 1 - Earthwork</u>					
Roadway Excavation	1,600	CY	\$15.00	\$24,000	
Imported Borrow	400	CY	\$12.00	\$4,800	
Cold Plane (3")	500	CY	\$80.00	\$40,000	
Clearing & Grubbing	1.00	AC	\$3,000	\$3,000	
Remove Trees	17	EA	\$250	\$4,250	
Develop Water Supply	1	LS	\$10,000	\$10,000	
			Black Olive Dr	<u>Total Earthwork</u>	<u>\$86,050</u>
<u>Section 2 - Structural Section *</u>					
HMA Overlay (2" Max)	700	TON	\$90	\$63,000	
Asphalt Concrete	270	TON	\$90	\$24,300	
Aggregate Base	520	CY	\$55	\$28,600	
Porous Concrete Cement	0	CY	\$460	\$0	
Sand	135	CY	\$155	\$20,925	
				<u>Total Structural Section</u>	<u>\$136,825</u>
<u>Section 3 - Drainage</u>					
RCP	924	LF	\$155	\$143,220	
Drainage Inlet	5	EA	\$400	\$2,000	
Drainage Manhole	3	EA	\$400	\$1,200	
				<u>Total Drainage</u>	<u>\$146,420</u>

* Attach sketch showing typical structural section elements of the roadway.
Include (if available) T.I., R-Value, and date when tests were performed

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

[illegible]

SUBTOTAL SECTIONS 1 - 5: \$1,140,184

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

<u>Section 6 - Minor Items</u>			(5-10%)	
Subtotal Sections 1 - 5	<u>\$1,140,184</u>	X	10%	<u>\$114,018</u>
				TOTAL MINOR ITEMS: <u><u>\$114,018</u></u>

<u>Section 7 - Roadway Mobilization</u>				
Subtotal Sections 1 - 5	<u>\$1,140,184</u>			
Minor Items	<u>\$114,018</u>			
Black Olive Dr	<u>\$1,254,202</u>			
Sum		X	10%	<u>\$125,420</u>
				TOTAL ROADWAY MOBILIZATION <u><u>\$125,420</u></u>

<u>Section 8 - Roadway Additions</u>				
Supplemental				
Subtotal Sections 1 - 5	<u>\$1,140,184</u>			
Minor Items	<u>\$114,018</u>			
Sum	<u>\$1,254,202</u>	X	10%	<u>\$125,420</u>
Contingencies				
Subtotal Sections 1 - 5	<u>\$1,140,184</u>			
Minor Items	<u>\$114,018</u>			
Sum	<u>\$1,254,202</u>	X	25% *	<u>\$313,551</u>
				TOTAL ROADWAY ADDITIONS <u><u>\$438,971</u></u>

TOTAL ROADWAY ITEMS	<u><u>\$1,818,593</u></u>
(Total of Sections 1 - 8)	

Estimate			
Prepared By:	Matt Brogan	(916) 381-9100	17-Mar-10
	(Print Name)	(Phone)	(Date)

* Use 25% at the PSR stage or a higher or lower rate if justified.

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

II. STRUCTURES ITEMS

Bridge Name	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Structure Type	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Width (FT) - out to out	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Span Lengths (FT)	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Total Area (SF)	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Footing Type (pile/spread)	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Cost per SF. Including: Mobilization: 10% Contingency: 25%	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Total Cost For Structure	<u> \$0 </u>	<u> \$0 </u>	<u> \$0 </u>	<u> \$0 </u>
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SUBTOTAL STRUCTURES ITEMS \$0

TOTAL STRUCTURES ITEMS: \$0

COMMENTS:

Estimate Prepared By:	<u> Matt Brogan </u>	<u> (916) 381-9100 </u>	<u> 17-Mar-10 </u>
	(Print Name)	(Phone)	(Date)

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

III. RIGHT OF WAY

Right-of-Way estimates should consider the probable highest and best use and type and intent of improvements at the time of acquisition. Assume acquisition including utility relocation occurs at the right of way certification milestone as shown in the Funding and Scheduling Section of the report. For further guidance see Chapter 1, Caltrans Right of Way Procedural Handbook.

	<u>Current Area (Future Use)</u>	<u>Escalation Rate (%/yr)</u>	<u>Escalated Value *</u>
Acquisition, including excess lands and damages to remainders	<u> </u>	<u>5%</u>	<u>\$0</u>
Utility Relocation (Project Cost)	<u>\$270,000</u>	<u>5%</u>	<u>\$298,000</u>
Clearance / Demolition	<u> </u>	<u>5%</u>	<u>\$0</u>
Relocation Assistance Program	<u> </u>	<u>5%</u>	<u>\$0</u>
Environmental Mitigation	<u> </u>	<u>5%</u>	<u>\$0</u>
Title and Escrow Fees	<u> </u>	<u>5%</u>	<u>\$0</u>
Hazardous Waste Clean-up	<u> </u>	<u>5%</u>	<u>\$0</u>
TOTAL RIGHT OF WAY ** (CURRENT VALUE)	<u>\$270,000</u>	TOTAL ESCALATED RIGHT OF WAY	<u>\$298,000</u>

* - Escalated to assumed year of advertising: 2012

** - Current total value for use on sheet 1 of 6

Estimate prepared by:	<u>Matt Brogan</u>	<u>(916) 381-9100</u>	<u>17-Mar-10</u>
	(Print Name)	(Phone)	(Date)

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Project Description:

Limits: Birch Street from Skyway to Black Olive Drive

Proposed Improvement: Project includes roadway and streetscape improvements.

(Scope)

Alternative:

ROADWAY ITEMS	\$1,450,000
STRUCTURE ITEMS	\$0
SUBTOTAL CONSTRUCTION	\$1,450,000
STORMWATER	\$40,000
RIGHT OF WAY & UTILITIES	\$298,000
TOTAL PROJECT COST	\$1,788,000

Reviewed by			
Program Manager	(Signature)	(Date)	

Approved by	Matt Brogan	(916) 381-9100	3/17/2010
Project Manager	(Signature)	(Phone)	(Date)

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

I. ROADWAY ITEMS

	<u>Quantity</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Section Cost</u>
<u>Section 1 - Earthwork</u>				
Roadway Excavation	1,060	CY	\$15.00	\$15,900
Imported Borrow	590	CY	\$12.00	\$7,080
Cold Plane (3")	200	CY	\$80.00	\$16,000
Clearing & Grubbing	1	AC	\$3,000	\$3,000
Remove Trees	12	EA	\$250	\$3,000
Develop Water Supply	1	LS	\$10,000	\$10,000
		Birch Street		<u>Total Earthwork</u> \$54,980
<u>Section 2 - Structural Section *</u>				
HMA Overlay	278	TON	\$90	\$25,020
Asphalt Concrete	90	TON	\$90	\$8,100
Aggregate Base	340	CY	\$55	\$18,700
Porous Concrete Cement	105	CY	\$460	\$48,300
Sand	235	CY	\$155	\$36,425
				<u>Total Structural Section</u> \$136,545
<u>Section 3 - Drainage</u>				
RCP	505	LF	\$155	\$78,275
Drainage Inlet	5	EA	\$4,000	\$20,000
Drainage Manhole	1	EA	\$4,000	\$4,000
				<u>Total Drainage</u> \$102,275

* Attach sketch showing typical structural section elements of the roadway.
Include (if available) T.I., R-Value, and date when tests were performed

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

	<u>Quantity</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Section Cost</u>	
<u>Section 4 - Specialty Items</u>					
Minor Concrete (Sidewalk)	15,420	SF	\$12	\$185,040	
Minor Concrete (Curb & Gutter)	1,550	LF	\$25	\$38,750	
Minor Concrete (Curb)	145	LF	\$35	\$5,075	
Minor Concrete (Textured Paving)	0	SF	\$20	\$0	
Minor Concrete (Island)	0	SF	\$25	\$0	
Minor Concrete (Driveway)	2,280	SF	\$20	\$45,600	
Minor Concrete (Median)	0	SF	\$25	\$0	
Minor Concrete (Valley Gutter)	924	SF	\$25	\$23,100	
Minor Concrete (Pedestrian Ramp)	8	EA	\$3,000	\$24,000	
Water Line	1	LS	\$50,100	\$50,100	
Landscape & Irrigation	1	LS	\$100,637	\$100,637	
Electrical	1	LS	\$104,400	\$104,400	
				<u>Total Specialty Items</u>	<u>\$576,702</u>
<u>Section 5 - Traffic Items</u>					
Permanent Signing & Striping	1	LS	\$17,000	\$17,000	
Traffic Management Plan	1	LS	\$18,000	\$18,000	
				<u>Total Traffic Items</u>	<u>\$35,000</u>
SUBTOTAL SECTIONS 1 - 5:					<u>\$905,502</u>

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Section 6 - Minor Items

Subtotal Sections 1 - 5	<u>\$905,502</u>	(5-10%) X 10%	<u>\$90,550</u>	
			TOTAL MINOR ITEMS:	<u><u>\$90,550</u></u>

Section 7 - Roadway Mobilization

Subtotal Sections 1 - 5	<u>\$905,502</u>			
Minor Items	Birch Street	<u>\$90,550</u>	(5-10%)	
	Sum	<u>\$996,052</u>	X 10%	<u>\$99,605</u>
			TOTAL ROADWAY MOBILIZATION	<u><u>\$99,605</u></u>

Section 8 - Roadway Additions

Supplemental

Subtotal Sections 1 - 5	<u>\$905,502</u>			
Minor Items	<u>\$90,550</u>	(5-10%)		
	Sum	<u>\$996,052</u>	X 10%	<u>\$99,605</u>

Contingencies

Subtotal Sections 1 - 5	<u>\$905,502</u>			
Minor Items	<u>\$90,550</u>			
	Sum	<u>\$996,052</u>	X 25% *	<u>\$249,013</u>

TOTAL ROADWAY ADDITIONS	<u><u>\$348,618</u></u>
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TOTAL ROADWAY ITEMS	<u><u>\$1,444,276</u></u>
(Total of Sections 1 - 8)	

Estimate			
Prepared By:	<u>Matt Brogan</u>	<u>(916) 381-9100</u>	<u>17-Mar-10</u>
	(Print Name)	(Phone)	(Date)

* Use 25% at the PSR stage or a higher or lower rate if justified.

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

II. STRUCTURES ITEMS

Bridge Name	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Structure Type	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Width (FT) - out to out	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Span Lengths (FT)	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Total Area (SF)	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Footing Type (pile/spread)	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Cost per SF.	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Including:				
Mobilization: 10%				
Contingency: 25%				

Total Cost For Structure	<u> \$0 </u>	<u> \$0 </u>	<u> \$0 </u>	<u> \$0 </u>
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SUBTOTAL STRUCTURES ITEMS \$0

TOTAL STRUCTURES ITEMS: \$0

COMMENTS:

Estimate Prepared By:	<u> Matt Brogan </u>	<u> (916) 381-9100 </u>	<u> 17-Mar-10 </u>
	(Print Name)	(Phone)	(Date)

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

III. RIGHT OF WAY

Right-of-Way estimates should consider the probable highest and best use and type and intent of improvements at the time of acquisition. Assume acquisition including utility relocation occurs at the right of way certification milestone as shown in the Funding and Scheduling Section of the report. For further guidance see Chapter 1, Caltrans Right of Way Procedural Handbook.

	<u>Current Area (Future Use)</u>	<u>Escalation Rate (%/yr)</u>	<u>Escalated Value *</u>
Acquisition, including excess lands and damages to remainders	<u> </u>	<u>5%</u>	<u>\$0</u>
Utility Relocation (Project Cost)	<u>\$298,000</u>	<u>5%</u>	<u>\$329,000</u>
Clearance / Demolition	<u> </u>	<u>5%</u>	<u>\$0</u>
Relocation Assistance Program	<u> </u>	<u>5%</u>	<u>\$0</u>
Environmental Mitigation	<u> </u>	<u>5%</u>	<u>\$0</u>
Title and Escrow Fees	<u> </u>	<u>5%</u>	<u>\$0</u>
Hazardous Waste Clean-up	<u> </u>	<u>5%</u>	<u>\$0</u>
TOTAL RIGHT OF WAY ** (CURRENT VALUE)	<u>\$298,000</u>	TOTAL ESCALATED RIGHT OF WAY	<u>\$329,000</u>

* - Escalated to assumed year of advertising: 2012

** - Current total value for use on sheet 1 of 6

Estimate prepared by:	<u>Matt Brogan</u>	<u>(916) 381-9100</u>	<u>17-Mar-10</u>
	(Print Name)	(Phone)	(Date)

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Project Description:

Limits: Fir Street from Skyway to Black Olive Rd.

Proposed Improvement: Project includes roadway and streetscape improvements
(Scope)

Alternative:

ROADWAY ITEMS	\$1,110,000
STRUCTURE ITEMS	\$0
SUBTOTAL CONSTRUCTION	\$1,110,000
STORMWATER	\$40,000
RIGHT OF WAY & UTILITIES	\$114,000
TOTAL PROJECT COST	\$1,264,000

Reviewed by		
Program Manager	(Signature)	(Date)

Approved by	Matt Brogan	(916 381-9100	3/17/2010
Project Manager	(Signature)	(Phone)	(Date)

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

I. ROADWAY ITEMS

	<u>Quantity</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Section Cost</u>
<u>Section 1 - Earthwork</u>				
Roadway Excavation	2,390	CY	\$15.00	\$35,850
Imported Borrow	50	CY	\$12.00	\$600
Cold Plane (3")	145	CY	\$80.00	\$11,600
Clearing & Grubbing	1	AC	\$3,000	\$3,000
Remove Trees	12	EA	\$250	\$3,000
Develop Water Supply	1	LS	\$10,000	\$10,000
			Fir Street	<u>Total Earthwork</u> \$64,050
<u>Section 2 - Structural Section *</u>				
HMA Overlay (2" Max)	200	TON	\$90	\$18,000
Asphalt Concrete	320	TON	\$90	\$28,800
Aggregate Base	670	CY	\$55	\$36,850
Porous Concrete Cement	40	CY	\$460	\$18,400
Sand	120	CY	\$155	\$18,600
				<u>Total Structural Section</u> \$120,650
<u>Section 3 - Drainage</u>				
RCP	585	LF	\$155	\$90,675
Drainage Inlet	3	EA	\$4,000	\$12,000
Drainage Manhole	3	EA	\$4,000	\$12,000
				<u>Total Drainage</u> \$114,675

* Attach sketch showing typical structural section elements of the roadway.
Include (if available) T.I., R-Value, and date when tests were performed

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

	<u>Quantity</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Section Cost</u>	
<u>Section 4 - Specialty Items</u>					
Minor Concrete (Sidewalk)	8,640	SF	\$12	\$103,680	
Minor Concrete (Curb & Gutter)	920	LF	\$25	\$23,000	
Minor Concrete (Curb)	436	LF	\$35	\$15,260	
Minor Concrete (Textured Paving)	0	SF	\$20	\$0	
Minor Concrete (Island)	0	SF	\$25	\$0	
Minor Concrete (Driveway)	2,560	SF	\$20	\$51,200	
Minor Concrete (Median)	0	SF	\$25	\$0	
Minor Concrete (Valley Gutter)	0	SF	\$25	\$0	
Minor Concrete (Pedestrian Ramp)	0	SF	\$3,000	\$0	
Water Line	1	LS	\$0	\$0	
Landscape & Irrigation	1	LS	\$115,984	\$115,984	
Electrical	1	LS	\$61,200	\$61,200	
				<u>Total Specialty Items</u>	<u>\$370,324</u>
<u>Section 5 - Traffic Items</u>					
Permanent Signing & Striping	1	LS	\$13,000	\$13,000	
Traffic Management Plan	1	LS	\$12,000	\$12,000	
				<u>Total Traffic Items</u>	<u>\$25,000</u>
SUBTOTAL SECTIONS 1 - 5:					<u><u>\$694,699</u></u>

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Section 6 - Minor Items

Subtotal Sections 1 - 5	<u>\$694,699</u>	(5-10%)		
		X 10%	<u>\$69,470</u>	
			TOTAL MINOR ITEMS:	<u><u>\$69,470</u></u>

Section 7 - Roadway Mobilization

Subtotal Sections 1 - 5	<u>\$694,699</u>			
Minor Items	<u>\$69,470</u>	(5-10%)		
Fir Street	<u>\$69,470</u>	X 10%	<u>\$76,417</u>	
Sum	<u>\$764,169</u>		TOTAL ROADWAY MOBILIZATION	<u><u>\$76,417</u></u>

Section 8 - Roadway Additions

Supplemental

Subtotal Sections 1 - 5	<u>\$694,699</u>			
Minor Items	<u>\$69,470</u>	(5-10%)		
Sum	<u>\$764,169</u>	X 10%	<u>\$76,417</u>	

Contingencies

Subtotal Sections 1 - 5	<u>\$694,699</u>			
Minor Items	<u>\$69,470</u>			
Sum	<u>\$764,169</u>	X 25% *	<u>\$191,042</u>	

TOTAL ROADWAY ADDITIONS	<u><u>\$267,459</u></u>
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TOTAL ROADWAY ITEMS	<u><u>\$1,108,045</u></u>
(Total of Sections 1 - 8)	

Estimate			
Prepared By:	<u>Matt Brogan</u>	<u>(916) 381-9100</u>	<u>17-Mar-10</u>
	(Print Name)	(Phone)	(Date)

* Use 25% at the PSR stage or a higher or lower rate if justified.

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

II. STRUCTURES ITEMS

Bridge Name	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Structure Type	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Width (FT) - out to out	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Span Lengths (FT)	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Total Area (SF)	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Footing Type (pile/spread)	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Cost per SF. Including: Mobilization: 10% Contingency: 25%	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Total Cost For Structure	<u> \$0 </u>	<u> \$0 </u>	<u> \$0 </u>	<u> \$0 </u>
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SUBTOTAL STRUCTURES ITEMS \$0

TOTAL STRUCTURES ITEMS: \$0

COMMENTS:

Estimate Prepared By:	<u> Matt Brogan </u>	<u> (916) 381-9100 </u>	<u> 17-Mar-10 </u>
	(Print Name)	(Phone)	(Date)

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

III. RIGHT OF WAY

Right-of-Way estimates should consider the probable highest and best use and type and intent of improvements at the time of acquisition. Assume acquisition including utility relocation occurs at the right of way certification milestone as shown in the Funding and Scheduling Section of the report. For further guidance see Chapter 1, Caltrans Right of Way Procedural Handbook.

	Current Area (Future Use)	Escalation Rate (%/yr)	Escalated Value *
Acquisition, including excess lands and damages to remainders		5%	\$0
Utility Relocation (Project Cost)	\$114,000	5%	\$126,000
Clearance / Demolition		5%	\$0
Relocation Assistance Program		5%	\$0
Environmental Mitigation		5%	\$0
Title and Escrow Fees		5%	\$0
Hazardous Waste Clean-up		5%	\$0
TOTAL RIGHT OF WAY ** (CURRENT VALUE)	\$114,000	TOTAL ESCALATED RIGHT OF WAY	\$126,000

* - Escalated to assumed year of advertising: 2012

** - Current total value for use on sheet 1 of 6

Estimate prepared by: Matt Brogan (916) 381-9100 17-Mar-10
 (Print Name) (Phone) (Date)

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Project Description:

Limits: Elliot Rd from Skyway to Almond Rd.

Proposed Improvement: Project involves roadway and streetscape improvements.

(Scope)

Alternative:

ROADWAY ITEMS	\$480,000
STRUCTURE ITEMS	\$0
SUBTOTAL CONSTRUCTION	\$480,000
STORMWATER	\$20,000
RIGHT OF WAY & UTILITIES	\$14,700
TOTAL PROJECT COST	\$514,700

Reviewed by
Program Manager

(Signature)

(Date)

Approved by
Project Manager

Matt Brogan

(Signature)

(916) 381-9100

(Phone)

3/17/2010

(Date)

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

I. ROADWAY ITEMS

	<u>Quantity</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Section Cost</u>	
<u>Section 1 - Earthwork</u>					
Roadway Excavation	140	CY	\$15.00	\$2,100	
Imported Borrow	270	CY	\$12.00	\$3,240	
Cold Plane (3")	162	CY	\$80.00	\$12,960	
Clearing & Grubbing	0.25	AC	\$3,000	\$750	
Remove Trees	0	EA	\$250	\$0	
Develop Water Supply	1	LS	\$10,000	\$10,000	
		Elliott Road		<u>Total Earthwork</u>	<u>\$29,050</u>
<u>Section 2 - Structural Section *</u>					
HMA Overlay (2" Max)	225	TON	\$90	\$20,250	
Asphalt Concrete	114	TON	\$90	\$10,260	
Aggregate Base	152	CY	\$55	\$8,360	
Porous Concrete Cement	0	CY	\$460	\$0	
Sand	30	CY	\$155	\$4,650	
				<u>Total Structural Section</u>	<u>\$43,520</u>
<u>Section 3 - Drainage</u>					
RCP	8	LF	\$155	\$1,240	
Drainage Inlet	1	EA	\$4,000	\$4,000	
Drainage Manhole	1	EA	\$4,000	\$4,000	
				<u>Total Drainage</u>	<u>\$9,240</u>

* Attach sketch showing typical structural section elements of the roadway.
Include (if available) T.I., R-Value, and date when tests were performed

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

	<u>Quantity</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Section Cost</u>	
<u>Section 4 - Specialty Items</u>					
Minor Concrete (Sidewalk)	1,810	SF	\$12	\$21,720	
Minor Concrete (Curb & Gutter)	560	LF	\$25	\$14,000	
Minor Concrete (Curb)	0	LF	\$35	\$0	
Minor Concrete (Textured Paving)	0	SF	\$20	\$0	
Minor Concrete (Island)	0	SF	\$25	\$0	
Minor Concrete (Driveway)	956	SF	\$20	\$19,120	
Minor Concrete (Median)	0	SF	\$25	\$0	
Minor Concrete (Valley Gutter)	0	SF	\$25	\$0	
Minor Concrete (Pedestrian Ramp)	2	EA	\$3,000	\$6,000	
Retaining Wall	480	SF	\$65	\$31,200	
Water Line	1	LS	\$110,500	\$110,500	
Landscape & Irrigation	1	LS	\$0	\$0	
Electrical	1	LS	\$0	\$0	
				<u>Total Specialty Items</u>	<u>\$202,540</u>
<u>Section 5 - Traffic Items</u>					
Permanent Signing & Striping	1	LS	\$8,500	\$8,500	
Traffic Management Plan	1	LS	\$4,000	\$4,000	
				<u>Total Traffic Items</u>	<u>\$12,500</u>
SUBTOTAL SECTIONS 1 - 5:					<u>\$296,850</u>

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Section 6 - Minor Items

Subtotal Sections 1 - 5	<u>\$296,850</u>	(5-10%)		
		X 10%	<u>\$29,685</u>	
			TOTAL MINOR ITEMS:	<u><u>\$29,685</u></u>

Section 7 - Roadway Mobilization

Subtotal Sections 1 - 5	<u>\$296,850</u>			
Minor Items	Elliott Road	<u>\$29,685</u>	(5-10%)	
	Sum	<u>\$326,535</u>	X 10%	<u>\$32,654</u>
			TOTAL ROADWAY MOBILIZATION	<u><u>\$32,654</u></u>

Section 8 - Roadway Additions

Supplemental

Subtotal Sections 1 - 5	<u>\$296,850</u>			
Minor Items	<u>\$29,685</u>	(5-10%)		
	Sum	<u>\$326,535</u>	X 10%	<u>\$32,654</u>

Contingencies

Subtotal Sections 1 - 5	<u>\$296,850</u>			
Minor Items	<u>\$29,685</u>			
	Sum	<u>\$326,535</u>	X 25% *	<u>\$81,634</u>

TOTAL ROADWAY ADDITIONS	<u><u>\$114,287</u></u>
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TOTAL ROADWAY ITEMS	<u><u>\$473,476</u></u>
(Total of Sections 1 - 8)	

Estimate			
Prepared By:	Matt Brogan	(916) 381-9100	29-Oct-09
	(Print Name)	(Phone)	(Date)

* Use 25% at the PSR stage or a higher or lower rate if justified.

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

II. STRUCTURES ITEMS

Bridge Name	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Structure Type	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Width (FT) - out to out	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Span Lengths (FT)	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Total Area (SF)	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Footing Type (pile/spread)	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Cost per SF. Including: Mobilization: 10% Contingency: 25%	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Total Cost For Structure	<u> \$0 </u>	<u> \$0 </u>	<u> \$0 </u>	<u> \$0 </u>
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SUBTOTAL STRUCTURES ITEMS \$0

TOTAL STRUCTURES ITEMS: \$0

COMMENTS:

Estimate Prepared By:	<u> Matt Brogan </u>	<u> (916)-381-9100 </u>	<u> 29-Oct-09 </u>
	(Print Name)	(Phone)	(Date)

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

III. RIGHT OF WAY

Right-of-Way estimates should consider the probable highest and best use and type and intent of improvements at the time of acquisition. Assume acquisition including utility relocation occurs at the right of way certification milestone as shown in the Funding and Scheduling Section of the report. For further guidance see Chapter 1, Caltrans Right of Way Procedural Handbook.

	<u>Current Area (Future Use)</u>	<u>Escalation Rate (%/yr)</u>	<u>Escalated Value *</u>
Acquisition, including excess lands and damages to remainders	<u>\$14,700</u>	<u>5%</u>	<u>\$16,000</u>
Utility Relocation (Project Cost)	<u></u>	<u>5%</u>	<u>\$0</u>
Clearance / Demolition	<u></u>	<u>5%</u>	<u>\$0</u>
Relocation Assistance Program	<u></u>	<u>5%</u>	<u>\$0</u>
Environmental Mitigation	<u></u>	<u>5%</u>	<u>\$0</u>
Title and Escrow Fees	<u></u>	<u>5%</u>	<u>\$0</u>
Hazardous Waste Clean-up	<u></u>	<u>5%</u>	<u>\$0</u>
TOTAL RIGHT OF WAY ** (CURRENT VALUE)	<u>\$14,700</u>	TOTAL ESCALATED RIGHT OF WAY	<u>\$16,000</u>

* - Escalated to assumed year of advertising: 2012

** - Current total value for use on sheet 1 of 6

Estimate prepared by:	<u>Matt Brogan</u>	<u>(916) 381-9100</u>	<u>29-Oct-09</u>
	(Print Name)	(Phone)	(Date)

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Project Description:

Limits: Foster Road from Pearson Rd to Skyway

Proposed Improvement: Project includes roadway and streetscape improvements
(Scope)

Alternative:

ROADWAY ITEMS	\$630,000
STRUCTURE ITEMS	\$0
SUBTOTAL CONSTRUCTION	\$630,000
STORMWATER	\$30,000
RIGHT OF WAY & UTILITIES	\$83,000
TOTAL PROJECT COST	\$743,000

Reviewed by			
Program Manager	(Signature)		(Date)

Approved by	Matt Brogan	(916) 381-9100	3/17/2010
Project Manager	(Signature)	(Phone)	(Date)

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

I. ROADWAY ITEMS

	<u>Quantity</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Section Cost</u>
<u>Section 1 - Earthwork</u>				
Roadway Excavation	130	CY	\$15.00	\$1,950
Imported Borrow	35	CY	\$12.00	\$420
Cold Plane (3")	297	CY	\$80.00	\$23,760
Clearing & Grubbing	0.40	AC	\$3,000	\$1,200
Remove Trees	5	EA	\$250	\$1,250
Develop Water Supply	1	LS	\$10,000	\$10,000
		Foster Road		<u>Total Earthwork</u> \$38,580
<u>Section 2 - Structural Section *</u>				
HMA Overlay (2" Max)	410	TON	\$90	\$36,900
Asphalt Concrete	35	TON	\$90	\$3,150
Aggregate Base	65	CY	\$55	\$3,575
Porous Concrete Cement	0	CY	\$460	\$0
Sand	60	CY	\$155	\$9,300
				<u>Total Structural Section</u> \$52,925
<u>Section 3 - Drainage</u>				
RCP	270	LF	\$155	\$41,850
Drainage Inlet	3	EA	\$4,000	\$12,000
Drainage Manhole	1	EA	\$4,000	\$4,000
				<u>Total Drainage</u> \$57,850

* Attach sketch showing typical structural section elements of the roadway.
Include (if available) T.I., R-Value, and date when tests were performed

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

	<u>Quantity</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Section Cost</u>	
<u>Section 4 - Specialty Items</u>					
Minor Concrete (Sidewalk)	6,505	SF	\$12	\$78,060	
Minor Concrete (Curb & Gutter)	920	LF	\$25	\$23,000	
Minor concrete (Curb)	0	LF	\$35	\$0	
Minor Concrete (Textured Paving)	3,215	SF	\$20	\$64,300	
Minor Concrete (Island)	0	SF	\$25	\$0	
Minor Concrete (Driveway)	310	SF	\$20	\$6,200	
Minor Concrete (Median)	0	SF	\$25	\$0	
Minor Concrete (Valley Gutter)	0	SF	\$25	\$0	
Minor Concrete (Pedestrian Ramp)	5	EA	\$3,000	\$15,000	
Water Line	1	LS	\$0	\$0	
Landscape & Irrigation	1	LS	\$34,491	\$34,491	
Electrical	1	LS	\$0	\$0	
				<u>Total Specialty Items</u>	<u>\$221,051</u>
<u>Section 5 - Traffic Items</u>					
Permanent Signing & Striping	1	LS	\$14,000	\$14,000	
Traffic Management Plan	1	LS	\$10,000	\$10,000	
				<u>Total Traffic Items</u>	<u>\$24,000</u>
SUBTOTAL SECTIONS 1 - 5:					<u><u>\$394,406</u></u>

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

<u>Section 6 - Minor Items</u>			(5-10%)		
Subtotal Sections 1 - 5		<u>\$394,406</u>	X	10%	<u>\$39,441</u>
TOTAL MINOR ITEMS:					<u><u>\$39,441</u></u>

<u>Section 7 - Roadway Mobilization</u>					
Subtotal Sections 1 - 5		<u>\$394,406</u>			
Minor Items	Foster Road	<u>\$39,441</u>	(5-10%)		
	Sum	<u>\$433,847</u>	X	10%	<u>\$43,385</u>
TOTAL ROADWAY MOBILIZATION					<u><u>\$43,385</u></u>

<u>Section 8 - Roadway Additions</u>					
Supplemental					
Subtotal Sections 1 - 5		<u>\$394,406</u>			
Minor Items		<u>\$39,441</u>	(5-10%)		
	Sum	<u>\$433,847</u>	X	10%	<u>\$43,385</u>
TOTAL ROADWAY ADDITIONS					<u><u>\$151,846</u></u>
TOTAL ROADWAY ITEMS					<u><u>\$629,078</u></u>
(Total of Sections 1 - 8)					

Estimate			
Prepared By:	Matt Brogan	(916) 381-9100	17-Mar-10
	(Print Name)	(Phone)	(Date)

* Use 25% at the PSR stage or a higher or lower rate if justified.

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

II. STRUCTURES ITEMS

Bridge Name	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Structure Type	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Width (FT) - out to out	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Span Lengths (FT)	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Total Area (SF)	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Footing Type (pile/spread)	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Cost per SF. Including: Mobilization: 10% Contingency: 25%	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Total Cost For Structure	<u> \$0 </u>	<u> \$0 </u>	<u> \$0 </u>	<u> \$0 </u>

SUBTOTAL STRUCTURES ITEMS \$0

TOTAL STRUCTURES ITEMS: \$0

COMMENTS:

Estimate Prepared By:	<u> Matt Brogan </u>	<u> (916) 381-9100 </u>	<u> 17-Mar-10 </u>
	(Print Name)	(Phone)	(Date)

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

III. RIGHT OF WAY

Right-of-Way estimates should consider the probable highest and best use and type and intent of improvements at the time of acquisition. Assume acquisition including utility relocation occurs at the right of way certification milestone as shown in the Funding and Scheduling Section of the report. For further guidance see Chapter 1, Caltrans Right of Way Procedural Handbook.

	<u>Current Area (Future Use)</u>	<u>Escalation Rate (%/yr)</u>	<u>Escalated Value *</u>
Acquisition, including excess lands and damages to remainders	<u> </u>	<u>5%</u>	<u>\$0</u>
Utility Relocation (Project Cost)	<u>\$83,000</u>	<u>5%</u>	<u>\$92,000</u>
Clearance / Demolition	<u> </u>	<u>5%</u>	<u>\$0</u>
Relocation Assistance Program	<u> </u>	<u>5%</u>	<u>\$0</u>
Environmental Mitigation	<u> </u>	<u>5%</u>	<u>\$0</u>
Title and Escrow Fees	<u> </u>	<u>5%</u>	<u>\$0</u>
Hazardous Waste Clean-up	<u> </u>	<u>5%</u>	<u>\$0</u>
TOTAL RIGHT OF WAY ** (CURRENT VALUE)	<u>\$83,000</u>	TOTAL ESCALATED RIGHT OF WAY	<u>\$92,000</u>

* - Escalated to assumed year of advertising: 2012

** - Current total value for use on sheet 1 of 6

Estimate prepared by:	<u>Matt Brogan</u>	<u>(916) 381-9100</u>	<u>17-Mar-10</u>
	(Print Name)	(Phone)	(Date)

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Project Description:

Limits: Willow Street from Almond Rd to Black Olive Dr.

Proposed Improvement: Project includes roadway and streetscape improvements.

(Scope)

Alternative:

ROADWAY ITEMS	\$250,000
STRUCTURE ITEMS	\$0
SUBTOTAL CONSTRUCTION	\$250,000
STORMWATER	\$10,000
RIGHT OF WAY & UTILITIES	\$10,000
TOTAL PROJECT COST	\$270,000

Reviewed by			
Program Manager	(Signature)	(Date)	

Approved by	Matt Brogan	(916) 381-9100	3/17/2010
Project Manager	(Signature)	(Phone)	(Date)

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

I. ROADWAY ITEMS

	<u>Quantity</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Section Cost</u>
<u>Section 1 - Earthwork</u>				
Roadway Excavation	295	CY	\$15.00	\$4,425
Imported Borrow	10	CY	\$12.00	\$120
Cold Plane (3")	63	CY	\$80.00	\$5,040
Clearing & Grubbing	0	AC	\$3,000	\$600
Remove Trees	2	EA	\$250	\$500
Develop Water Supply	1	LS	\$10,000	\$10,000
		Willow Steet		<u>Total Earthwork</u>
				<u>\$20,685</u>
<u>Section 2 - Structural Section *</u>				
HMA Overlay (2" Max)	90	TON	\$90	\$8,100
Asphalt Concrete	25	TON	\$90	\$2,250
Aggregate Base	45	CY	\$55	\$2,475
Porous Concrete Cement	0	CY	\$460	\$0
Sand	18	CY	\$155	\$2,790
				<u>Total Structural Section</u>
				<u>\$15,615</u>
<u>Section 3 - Drainage</u>				
RCP	0	LF	\$155	\$0
Drainage Inlet	0	EA	\$4,000	\$0
Drainage Manhole	0	EA	\$4,000	\$0
				<u>Total Drainage</u>
				<u>\$0</u>

* Attach sketch showing typical structural section elements of the roadway.
Include (if available) T.I., R-Value, and date when tests were performed

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

	<u>Quantity</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Section Cost</u>
<u>Section 4 - Specialty Items</u>				
Minor Concrete (Sidewalk)	2,140	SF	\$12	\$25,680
Minor Concrete (Curb & Gutter)	435	LF	\$25	\$10,875
Minor Concrete (Curb)	0	LF	\$35	\$0
Minor Concrete (Textured Paving)	0	SF	\$20	\$0
Minor Concrete (Island)	0	SF	\$25	\$0
Minor Concrete (Driveway)	740	SF	\$20	\$14,800
Minor Concrete (Median)	0	SF	\$25	\$0
Minor Concrete (Valley Gutter)	0	SF	\$25	\$0
Minor Concrete (Pedestrian Ramp)	2	EA	\$3,000	\$6,000
Water Line	1	LS	\$38,500	\$38,500
Landscaping & Irrigation	1	LS	\$3,947	\$3,947
Electrical	1	LS	\$8,600	\$8,600
			<u>Total Specialty Items</u>	<u>\$108,402</u>
<u>Section 5 - Traffic Items</u>				
Permanent Signing & Striping	1	LS	\$4,700	\$4,700
Traffic Management Plan	1	LS	\$3,000	\$3,000
			<u>Total Traffic Items</u>	<u>\$7,700</u>
			SUBTOTAL SECTIONS 1 - 5:	<u>\$152,402</u>

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Section 6 - Minor Items

Subtotal Sections 1 - 5	<u>\$152,402</u>	(5-10%) X 10%	<u>\$15,240</u>	
			TOTAL MINOR ITEMS:	<u><u>\$15,240</u></u>

Section 7 - Roadway Mobilization

Subtotal Sections 1 - 5	<u>\$152,402</u>			
Minor Items	Willow Street	<u>\$15,240</u>	(5-10%)	
	Sum	<u>\$167,642</u>	X 10%	<u>\$16,764</u>
			TOTAL ROADWAY MOBILIZATION	<u><u>\$16,764</u></u>

Section 8 - Roadway Additions

Supplemental

Subtotal Sections 1 - 5	<u>\$152,402</u>			
Minor Items	<u>\$15,240</u>	(5-10%)		
	Sum	<u>\$167,642</u>	X 10%	<u>\$16,764</u>

Contingencies

Subtotal Sections 1 - 5	<u>\$152,402</u>			
Minor Items	<u>\$15,240</u>			
	Sum	<u>\$167,642</u>	X 25% *	<u>\$41,911</u>

TOTAL ROADWAY ADDITIONS	<u><u>\$58,675</u></u>
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TOTAL ROADWAY ITEMS	<u><u>\$243,081</u></u>
(Total of Sections 1 - 8)	

Estimate			
Prepared By:	Matt Brogan	(916) 381-9100	29-Oct-09
	(Print Name)	(Phone)	(Date)

* Use 25% at the PSR stage or a higher or lower rate if justified.

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

II. STRUCTURES ITEMS

Bridge Name	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Structure Type	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Width (FT) - out to out	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Span Lengths (FT)	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Total Area (SF)	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Footing Type (pile/spread)	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Cost per SF.	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Including:				
Mobilization: 10%				
Contingency: 25%				

Total Cost For Structure	<u> \$0 </u>	<u> \$0 </u>	<u> \$0 </u>	<u> \$0 </u>
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SUBTOTAL STRUCTURES ITEMS \$0

TOTAL STRUCTURES ITEMS: \$0

COMMENTS:

Estimate Prepared By:	<u> Matt Brogan </u>	<u> (916) 381-9100 </u>	<u> 10/29/20009 </u>
	(Print Name)	(Phone)	(Date)

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

III. RIGHT OF WAY

Right-of-Way estimates should consider the probable highest and best use and type and intent of improvements at the time of acquisition. Assume acquisition including utility relocation occurs at the right of way certification milestone as shown in the Funding and Scheduling Section of the report. For further guidance see Chapter 1, Caltrans Right of Way Procedural Handbook.

	Current Area (Future Use)	Escalation Rate (%/yr)	Escalated Value *
Acquisition, including excess lands and damages to remainders		5%	\$0
Utility Relocation (Project Cost)	\$10,000	5%	\$11,000
Clearance / Demolition		5%	\$0
Relocation Assistance Program		5%	\$0
Environmental Mitigation		5%	\$0
Title and Escrow Fees		5%	\$0
Hazardous Waste Clean-up		5%	\$0
TOTAL RIGHT OF WAY ** (CURRENT VALUE)	\$10,000	TOTAL ESCALATED RIGHT OF WAY	\$11,000

* - Escalated to assumed year of advertising: 2012

** - Current total value for use on sheet 1 of 6

Estimate prepared by: Matt Brogan (916) 381-9100 29-Oct-09
(Print Name) (Phone) (Date)

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Project Description:

Limits: Cedar Street from Almond Rd to Black Olive Dr.

Proposed Improvement: Project involves roadway and streetscape improvements.
(Scope)

Alternative:

ROADWAY ITEMS	\$150,000
STRUCTURE ITEMS	\$0
SUBTOTAL CONSTRUCTION	\$150,000
STORMWATER	\$10,000
RIGHT OF WAY & UTILITIES	\$0
TOTAL PROJECT COST	\$160,000

Reviewed by			
Program Manager	(Signature)		(Date)

Approved by	Matt Brogan	(916) 381-9100	3/17/2010
Project Manager	(Signature)	(Phone)	(Date)

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

I. ROADWAY ITEMS

	<u>Quantity</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Section Cost</u>	
<u>Section 1 - Earthwork</u>					
Roadway Excavation	415	CY	\$15.00	\$6,225	
Imported Borrow	50	CY	\$12.00	\$600	
Cold Plane (3")	80	CY	\$80.00	\$6,400	
Clearing & Grubbing	1	AC	\$3,000	\$1,800	
Remove Trees	2	EA	\$250	\$500	
Develop Water Supply	1	LS	\$10,000	\$5,000	
		Willow Steet		<u>Total Earthwork</u>	<u>\$20,525</u>
<u>Section 2 - Structural Section *</u>					
HMA Overlay (2" Max)	110	TON	\$90	\$9,900	
Asphalt Concrete	30	TON	\$90	\$2,700	
Aggregate Base	55	CY	\$55	\$3,025	
Porous Concrete Cement	0	CY	\$460	\$0	
Sand	9	CY	\$155	\$1,395	
				<u>Total Structural Section</u>	<u>\$17,020</u>
<u>Section 3 - Drainage</u>					
Concrete Pipe	42	LF	\$155	\$6,510	
Drainage Inlet	2	EA	\$4,000	\$8,000	
Drainage Manhole	0	EA	\$4,000	\$0	
				<u>Total Drainage</u>	<u>\$14,510</u>

* Attach sketch showing typical structural section elements of the roadway.
Include (if available) T.I., R-Value, and date when tests were performed

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

[illegible]

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Section 6 - Minor Items

Subtotal Sections 1 - 5	<u>\$88,250</u>	(5-10%)		
		X 10%	<u>\$8,825</u>	
			TOTAL MINOR ITEMS:	<u><u>\$8,825</u></u>

Section 7 - Roadway Mobilization

Subtotal Sections 1 - 5	<u>\$88,250</u>			
Minor Items				
	Cedar Street			
	Sum	<u>\$8,825</u>	(5-10%)	
		X 10%	<u>\$9,708</u>	
			TOTAL ROADWAY MOBILIZATION	<u><u>\$9,708</u></u>

Section 8 - Roadway Additions

Supplemental

Subtotal Sections 1 - 5	<u>\$88,250</u>			
Minor Items				
	Sum	<u>\$8,825</u>	(5-10%)	
		X 10%	<u>\$9,708</u>	

Contingencies

Subtotal Sections 1 - 5	<u>\$88,250</u>			
Minor Items				
	Sum	<u>\$8,825</u>		
		X 25% *	<u>\$24,269</u>	

TOTAL ROADWAY ADDITIONS	<u><u>\$33,976</u></u>
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TOTAL ROADWAY ITEMS	<u><u>\$140,759</u></u>
(Total of Sections 1 - 8)	

Estimate			
Prepared By:	Matt Brogan	(916) 381-9100	17-Mar-10
	(Print Name)	(Phone)	(Date)

* Use 25% at the PSR stage or a higher or lower rate if justified.

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

II. STRUCTURES ITEMS

Bridge Name	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Structure Type	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Width (FT) - out to out	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Span Lengths (FT)	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Total Area (SF)	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Footing Type (pile/spread)	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Cost per SF. Including: Mobilization: 10% Contingency: 25%	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Total Cost For Structure	<u> \$0 </u>	<u> \$0 </u>	<u> \$0 </u>	<u> \$0 </u>
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SUBTOTAL STRUCTURES ITEMS \$0

TOTAL STRUCTURES ITEMS: \$0

COMMENTS:

Estimate Prepared By:	<u> Matt Brogan </u>	<u> (916) 381-9100 </u>	<u> 17-Mar-10 </u>
	(Print Name)	(Phone)	(Date)

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

III. RIGHT OF WAY

Right-of-Way estimates should consider the probable highest and best use and type and intent of improvements at the time of acquisition. Assume acquisition including utility relocation occurs at the right of way certification milestone as shown in the Funding and Scheduling Section of the report. For further guidance see Chapter 1, Caltrans Right of Way Procedural Handbook.

	Current Area (Future Use)	Escalation Rate (%/yr)	Escalated Value *
Acquisition, including excess lands and damages to remainders		5%	\$0
Utility Relocation (Project Cost)		5%	\$0
Clearance / Demolition		5%	\$0
Relocation Assistance Program		5%	\$0
Environmental Mitigation		5%	\$0
Title and Escrow Fees		5%	\$0
Hazardous Waste Clean-up		5%	\$0
TOTAL RIGHT OF WAY ** (CURRENT VALUE)	\$0	TOTAL ESCALATED RIGHT OF WAY	\$0

* - Escalated to assumed year of advertising: 2012

** - Current total value for use on sheet 1 of 6

Estimate prepared by:

Matt Brogan	(916) 381-9100	17-Mar-10
(Print Name)	(Phone)	(Date)

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Project Description:

Limits: Alley from Foster Rd to Black Olive Dr.

Proposed Improvement: Project includes roadway and streetscape improvements.

(Scope)

Alternative:

ROADWAY ITEMS	\$570,000
STRUCTURE ITEMS	\$0
SUBTOTAL CONSTRUCTION	\$570,000
STORMWATER	\$20,000
RIGHT OF WAY & UTILITIES	\$0
TOTAL PROJECT COST	\$590,000

Reviewed by
Program Manager

(Signature)

(Date)

Approved by
Project Manager

Matt Brogan

(Signature)

(916) 381-9100

(Phone)

3/17/2010

(Date)

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

I. ROADWAY ITEMS

	<u>Quantity</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Section Cost</u>
<u>Section 1 - Earthwork</u>				
Roadway Excavation	0	CY	\$15.00	\$0
Imported Borrow	0	CY	\$12.00	\$0
Cold Plane (3")	125	CY	\$80.00	\$10,000
Clearing & Grubbing	0	AC	\$3,000	\$0
Remove Trees	0	EA	\$250	\$0
Develop Water Supply	0	LS	\$10,000	\$0
		Willow Steet		
			<u>Total Earthwork</u>	<u>\$10,000</u>
<u>Section 2 - Structural Section *</u>				
HMA Overlay (2" Max)	0	TON	\$90	\$0
Asphalt Concrete	0	TON	\$90	\$0
Aggregate Base	0	CY	\$55	\$0
Porous Concrete Cement	0	CY	\$460	\$0
Sand	85	CY	\$155	\$13,175
			<u>Total Structural Section</u>	<u>\$13,175</u>
<u>Section 3 - Drainage</u>				
Concrete Pipe	0	LF	\$155	\$0
Drainage Inlet	0	EA	\$4,000	\$0
Drainage Manhole	0	EA	\$4,000	\$0
			<u>Total Drainage</u>	<u>\$0</u>

* Attach sketch showing typical structural section elements of the roadway.
Include (if available) T.I., R-Value, and date when tests were performed

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

[illegible]

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

<u>Section 6 - Minor Items</u>			(5-10%)	
Subtotal Sections 1 - 5	<u>\$356,464</u>	X	10%	<u>\$35,646</u>
TOTAL MINOR ITEMS:				<u><u>\$35,646</u></u>

<u>Section 7 - Roadway Mobilization</u>				
Subtotal Sections 1 - 5	<u>\$356,464</u>			
Minor Items	<u>\$35,646</u>		(5-10%)	
Sum	<u>\$392,110</u>	X	10%	<u>\$39,211</u>
TOTAL ROADWAY MOBILIZATION				<u><u>\$39,211</u></u>

<u>Section 8 - Roadway Additions</u>				
Supplemental				
Subtotal Sections 1 - 5	<u>\$356,464</u>			
Minor Items	<u>\$35,646</u>		(5-10%)	
Sum	<u>\$392,110</u>	X	10%	<u>\$39,211</u>
TOTAL ROADWAY ADDITIONS				<u><u>\$137,239</u></u>

Contingencies				
Subtotal Sections 1 - 5	<u>\$356,464</u>			
Minor Items	<u>\$35,646</u>			
Sum	<u>\$392,110</u>	X	25% *	<u>\$98,028</u>
TOTAL ROADWAY ITEMS (Total of Sections 1 - 8)				<u><u>\$568,560</u></u>

Estimate			
Prepared By:	<u>Matt Brogan</u>	<u>(916) 381-9100</u>	<u>17-Mar-10</u>
	(Print Name)	(Phone)	(Date)

* Use 25% at the PSR stage or a higher or lower rate if justified.

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

II. STRUCTURES ITEMS

Bridge Name	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Structure Type	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Width (FT) - out to out	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Span Lengths (FT)	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Total Area (SF)	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Footing Type (pile/spread)	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Cost per SF. Including: Mobilization: 10% Contingency: 25%	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Total Cost For Structure	<u> \$0 </u>	<u> \$0 </u>	<u> \$0 </u>	<u> \$0 </u>
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SUBTOTAL STRUCTURES ITEMS \$0

TOTAL STRUCTURES ITEMS: \$0

COMMENTS:

Estimate Prepared By:	<u> Matt Brogan </u>	<u> (916) 381-9100 </u>	<u> 17-Mar-10 </u>
	(Print Name)	(Phone)	(Date)

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

III. RIGHT OF WAY

Right-of-Way estimates should consider the probable highest and best use and type and intent of improvements at the time of acquisition. Assume acquisition including utility relocation occurs at the right of way certification milestone as shown in the Funding and Scheduling Section of the report. For further guidance see Chapter 1, Caltrans Right of Way Procedural Handbook.

	Current Area (Future Use)	Escalation Rate (%/yr)	Escalated Value *
Acquisition, including excess lands and damages to remainders		5%	\$0
Utility Relocation (Project Cost)		5%	\$0
Clearance / Demolition		5%	\$0
Relocation Assistance Program		5%	\$0
Environmental Mitigation		5%	\$0
Title and Escrow Fees		5%	\$0
Hazardous Waste Clean-up		5%	\$0
TOTAL RIGHT OF WAY ** (CURRENT VALUE)	\$0	TOTAL ESCALATED RIGHT OF WAY	\$0

* - Escalated to assumed year of advertising: 2012

** - Current total value for use on sheet 1 of 6

Estimate prepared by:	<u>Matt Brogan</u>	<u>(916) 381-9100</u>	<u>17-Mar-10</u>
	<small>(Print Name)</small>	<small>(Phone)</small>	<small>(Date)</small>

30% CD ESTIMATE OF ANTICIPATED CONSTRUCTION COSTS
Paradise Downtown Capital Improvement Master Plan

6-Apr-10

Almond Street					
Item Description	Quantity	Unit	Cost	Price	Total
1.0 Landscape					\$100,219
Trees- 24" Box	94	EA	\$ 275.00	\$25,850	
Streetscape Planting Area	12,212	SF	\$ 5.00	\$61,060	
Mulch (3" deep) (13,716sf)	127	CY	\$ 42.00	\$5,334	
Landscape Maintenance (90 days)	2,750	LF	\$ 2.90	\$7,975	
2.0 Site Furnishings					\$59,500
Benches	5	EA	\$ 1,200.00	\$6,000	
Bike Rack	10	EA	\$ 500.00	\$5,000	
Trash/ Recycling Receptacle	3	EA	\$ 2,500.00	\$7,500	
Tree Grate	34	EA	\$ 1,000.00	\$34,000	
Gateway Element	1	LS	\$ 7,000.00	\$7,000	
3.0 Irrigation					\$114,796
Backflow preventer	1	EA	\$ 5,000.00	\$5,000	
Bubbler irrigation	13,716	SF	\$ 6.00	\$82,296	
Sleeving	2,500	LF	\$ 5.00	\$12,500	
Controller and electrical work	3	EA	\$ 5,000.00	\$15,000	
Base Bid Subtotal					\$274,515
Contingency 15%					\$41,177
Total Anticipated Cost Almond Street					\$315,692

Pearson Road					
Item Description	Quantity	Unit	Cost	Price	Total
1.0 Landscape					\$25,297
Trees- 24" Box	21	EA	\$ 275.00	\$5,775	
Streetscape Planting Area	2,939	SF	\$ 5.00	\$14,695	
Mulch (3" deep) (3,279)	30	CY	\$ 42.00	\$1,260	
Landscape Maintenance (90 days)	1,230	LF	\$ 2.90	\$3,567	
2.0 Site Furnishings					\$27,200
Benches	1	EA	\$ 1,200.00	\$1,200	
Bike Rack	3	EA	\$ 500.00	\$1,500	
Trash/ Recycling Receptacle	1	EA	\$ 2,500.00	\$2,500	
Tree Grate	15	EA	\$ 1,000.00	\$15,000	
Gateway Element	1	LS	\$ 7,000.00	\$7,000	
3.0 Irrigation					\$33,644
Bubbler Irrigation	1,749	SF	\$ 6.00	\$10,494	
Sleeving	1,630	SF	\$ 5.00	\$8,150	
Controller and electrical work	3	EA	\$ 5,000.00	\$15,000	
Base Bid Subtotal					\$86,141
Contingency 15%					\$12,921
Total Anticipated Cost Pearson Road					\$99,062

Black Olive Drive					
Item Description	Quantity	Unit	Cost	Price	Total
1.0 Landscape					\$18,040
Trees- 24" Box	21	EA	\$ 275.00	\$5,775	
Streetscape Planting Area	734	SF	\$ 5.00	\$3,670	
Bioswale Planting Area	540	SF	\$ 5.00	\$2,700	
Mulch (3" deep) (1,530sf)	14	CY	\$ 42.00	\$588	
Landscape Maintenance (90 days)	1,830	LF	\$ 2.90	\$5,307	
2.0 Site Furnishings					\$25,900
Benches	2	EA	\$ 1,200.00	\$2,400	
Bike Rack	8	EA	\$ 500.00	\$4,000	
Trash/ Recycling Receptacle	1	EA	\$ 2,500.00	\$2,500	
Tree Grate	16	EA	\$ 1,000.00	\$16,000	
Trail Signage	1	EA	\$ 1,000.00	\$1,000	
3.0 Irrigation					\$12,320
Bubbler Irrigation	1,070	EA	\$ 6.00	\$6,420	
Sleeving	1,180	LF	\$ 5.00	\$5,900	
Base Bid Subtotal					\$56,260
Contingency 15%					\$8,439
Total Anticipated Cost Black Olive Drive					\$64,699

Birch Street						
Item	Description	Quantity	Unit	Cost	Price	Total
1.0	Landscape					\$24,588
	Trees- 24" Box	33	EA	\$ 275.00	\$9,075	
	Streetscape Planting Area	1,918	SF	\$ 5.00	\$9,590	
	Bioswale Planting Area	316	SF	\$ 5.00	\$1,580	
	Mulch (3" deep) (2,650sf)	24	CY	\$ 42.00	\$1,008	
	Landscape Maintenance (90 days)	1,150	LF	\$ 2.90	\$3,335	
2.0	Site Furnishings					\$36,600
	Benches	3	EA	\$ 1,200.00	\$3,600	
	Bike Rack	4	EA	\$ 500.00	\$2,000	
	Trash/ Recycling Receptacle	2	EA	\$ 2,500.00	\$5,000	
	Tree Grate	26	EA	\$ 1,000.00	\$26,000	
3.0	Irrigation					\$26,322
	Bubbler Irrigation	2,762	SF	\$ 6.00	\$16,572	
	Sleeving	1,950	EA	\$ 5.00	\$9,750	
Base Bid Subtotal						\$87,510
Contingency 15%						\$13,127
Total Anticipated Cost Birch Street						\$100,637

Fir Street						
Item	Description	Quantity	Unit	Cost	Price	Total
1.0	Landscape					\$23,306
	Trees- 24" Box	34	EA	\$ 275.00	\$9,350	
	Streetscape Planting Area	295	SF	\$ 5.00	\$1,475	
	Bioswale Planting Area	1,761	SF	\$ 5.00	\$8,805	
	Mulch (3" deep) (2,536sf)	24	CY	\$ 42.00	\$1,008	
	Landscape Maintenance (90 days)	920	LF	\$ 2.90	\$2,668	
2.0	Site Furnishings					\$48,200
	Benches	6	EA	\$ 1,200.00	\$7,200	
	Bike Rack	2	EA	\$ 500.00	\$1,000	
	Trash/ Recycling Receptacle	4	EA	\$ 2,500.00	\$10,000	
	Tree Grate	30	EA	\$ 1,000.00	\$30,000	
3.0	Irrigation					\$29,350
	Bubbler Irrigation	2,600	SF	\$ 6.00	\$15,600	
	Sleeving	1,750	LF	\$ 5.00	\$8,750	
	Controller and electrical work	1	EA	\$ 5,000.00	\$5,000	
Base Bid Subtotal						\$100,856
Contingency 15%						\$15,128
Total Anticipated Cost Fir Street						\$115,984

Elliott Road						
Item	Description	Quantity	Unit	Cost	Price	Total
1.0	Landscape					\$0
2.0	Site Furnishings					\$0
3.0	Irrigation					\$0
Base Bid Subtotal						\$0
Contingency 15%						\$0
Total Anticipated Cost Elliott Road						\$0

Foster Road						
Item	Description	Quantity	Unit	Cost	Price	Total
1.0	Landscape					\$7,181
	Trees- 24" Box	16	EA	\$ 275.00	\$4,400	
	Mulch (3" deep) (208sf)	2	CY	\$ 42.00	\$84	
	Landscape Maintenance (90 days)	930	LF	\$ 2.90	\$2,697	
2.0	Site Furnishings					\$17,900
	Benches	2	EA	\$ 1,200.00	\$2,400	
	Trash/ Recycling Receptacle	1	EA	\$ 2,500.00	\$2,500	
	Tree Grate	13	EA	\$ 1,000.00	\$13,000	
3.0	Irrigation					\$4,911
	Bubbler Irrigation	256	SF	\$ 6.00	\$1,536	
	Sleeving	675	LF	\$ 5.00	\$3,375	
Base Bid Subtotal						\$29,992
Contingency 15%						\$4,499
Total Anticipated Cost Foster Road						\$34,491

Willow Road						
Item	Description	Quantity	Unit	Cost	Price	Total
1.0	Landscape					\$1,433
	Trees- 24" Box	2	EA	\$ 275.00	\$550	
	Mulch (3" deep) (32sf)	0.3	CY	\$ 42.00	\$13	
	Landscape Maintenance (90 days)	300	LF	\$ 2.90	\$870	
2.0	Site Furnishings					\$2,000
	Tree Grate	2	EA	\$ 1,000.00	\$2,000	
3.0	Irrigation					\$0
Base Bid Subtotal						\$3,433
Contingency 15%						\$515
Total Anticipated Cost Willow Street						\$3,947
Cedar Street						
Item	Description	Quantity	Unit	Cost	Price	Total
1.0	Landscape					\$1,995
	Trees- 24" Box	4	EA	\$ 275.00	\$1,100	
	Mulch (3" deep) (64sf)	0.6	CY	\$ 42.00	\$25	
	Landscape Maintenance (90 days)	300	LF	\$ 2.90	\$870	
2.0	Site Furnishings					\$4,000
	Tree Grate	4	EA	\$ 1,000.00	\$4,000	
3.0	Irrigation					\$1,017
	Bubbler Irrigation	32	SF	\$ 6.00	\$192	
	Sleeving	165	LF	\$ 5.00	\$825	
Base Bid Subtotal						\$7,012
Contingency 15%						\$1,052
Total Anticipated Cost Cedar Street						\$8,064
Alley						
Item	Description	Quantity	Unit	Cost	Price	Total
1.0	Landscape					\$5,964
	Trees- 24" Box	14	EA	\$ 275.00	\$3,850	
	Mulch (3" deep) (224sf)	2	CY	\$ 42.00	\$84	
	Landscape Maintenance (90 days)	700	LF	\$ 2.90	\$2,030	
2.0	Site Furnishings					\$14,000
	Tree Grate	14	EA	\$ 1,000.00	\$14,000	
3.0	Irrigation					\$3,679
	Bubbler Irrigation	224	SF	\$ 6.00	\$1,344	
	Sleeving	467	LF	\$ 5.00	\$2,335	
Base Bid Subtotal						\$23,643
Contingency 15%						\$3,546
Total Anticipated Cost Alley						\$27,189
Total Anticipated Cost for Landscape and Irrigation Improvements						\$769,766



FEHR & PEERS
Transportation Consultants

30% COST ESTIMATE

SHEET 1 OF 1

DATE March 31, 2010

LOCATION PDMP - Lighting

Project No. RS09-2657

BEES ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
	Almond Street	LS	Lump Sum	\$298,200.00	\$298,200.00
	Black Olive Drive	LS	Lump Sum	\$91,900.00	\$91,900.00
	Birch Street	LS	Lump Sum	\$104,400.00	\$104,400.00
	Fir Street	LS	Lump Sum	\$61,200.00	\$61,200.00
	Pearson Road	LS	Lump Sum	\$67,600.00	\$67,600.00
	Foster Road	LS	Lump Sum	\$65,100.00	\$65,100.00
	Cedar Street	LS	Lump Sum	\$24,200.00	\$24,200.00
	Willow Street	LS	Lump Sum	\$8,600.00	\$8,600.00
	Alley 1	LS	Lump Sum	\$33,900.00	\$33,900.00
				SUB-TOTAL :	\$721,200.00
	" SUPPLEMENTAL WORK "				
	Service Connection Fee	LS	Lump Sum	\$3,000.00	\$3,000.00
Notes : This cost pertains to Electrical Work only.				TOTAL :	\$724,200.00
				20% CONTINGENCIES :	\$144,840.00
Estimated by : MJ				TOTAL ESTIMATE :	\$869,040.00