

SUMMARY OF CAPITAL COSTS

		ITEM DESCRIPTION				
		ROADWAY/TRAIL COSTS	BRIDGE COSTS	SUB-TOTAL CONSTRUCTION COSTS	RIGHT OF WAY AND UTILITY COSTS	TOTAL CAPITAL COSTS
SEGMENT 1 (HILLCREST)	OPT 1A	\$2,086,000	\$491,000	\$2,577,000	\$522,000	\$3,099,000
	OPT 1B	\$1,375,000	\$649,000	\$2,024,000	\$486,000	\$2,510,000
	OPT 1C	\$1,769,000	\$389,000	\$2,158,000	\$319,000	\$2,477,000
SEGMENT 5 (SUNRISE)	OPT 5A	\$1,330,000	\$144,000	\$1,474,000	\$26,000	\$1,500,000
	OPT 5B	\$945,000	\$256,000	\$1,201,000	\$57,000	\$1,258,000
	OPT 5C	\$814,000	\$256,000	\$1,070,000	\$17,000	\$1,087,000

§ AMOUNTS IN 2013 VALUES

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

DRY CREEK GREENWAY MULTI-USE TRAIL

SEGMENT 1 - HILLCREST NEIGHBORHOOD
OPTION 1A

PROJECT DESCRIPTION:

Limits From Saugsted trail at Darling Way to common point at Sta "B" 17+00

Proposed Improvement (Scope) This project proposes to construct a multi-use trail within the limits described above

Option 1A Western alignment using Bridge #3

SUMMARY OF PROJECT COST ESTIMATE

TOTAL ROADWAY ITEMS	\$ <u>2,086,000</u>
TOTAL STRUCTURE ITEMS	\$ <u>491,000</u>
SUBTOTAL CONSTRUCTION COSTS	\$ <u>2,577,000</u>
TOTAL RIGHT OF WAY AND UTILITY ITEMS	\$ <u>522,000</u>
TOTAL PROJECT CAPITAL OUTLAY COSTS	\$ <u>3,099,000</u>

Prepared by Project Engineer _____
(Signature)

Approved by Project Manager _____ Date: 6/3/2013
(Signature)

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Project	Dry Creek Greenway Multi-Use Trail
Option	<u>1A</u>
Project No.	<u>6ROS012500</u>

I. ROADWAY ITEMS

<u>Section 1 Earthwork</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Item Cost</u>	<u>Section Cost</u>
Roadway Excavation	10,000	CY	\$ 20.00	\$ 200,000	
Imported Borrow		CY	\$ 20.00		
Clearing & Grubbing	1	LS	\$ 20,000.00	\$ 20,000	
Develop Water Supply			\$		
Top Soil Reapplication			\$		
Shoulder Backing			\$		
Remove Concrete			\$		
Tree Removal	1	LS	\$ 45,000.00	\$ 45,000	
Rounding (Contour Grading)			\$		
				Subtotal Earthwork \$	<u>265,000</u>
 <u>Section 2 Pavement Structural Section</u>					
PCC Pavement (4" Depth)	9,550	SF	\$ 9.00	\$ 85,950	
3" Hot Mix Asphalt (Type A)	127	Tons	\$ 110.00	\$ 14,007	
Class 2 Aggregate Base	197	CY	\$ 40.00	\$ 7,861	
4" Hot Mix Asphalt (Type A) - Trail Head	412	Tons	\$ 90.00	\$ 37,066	
6" Class 2 Aggregate Base - Trail Head	1,880	CY	\$ 35.00	\$ 65,810	
Decomposed Granite Shoulder	30	CY	\$ 40.00	\$ 1,191	
Agregate Base Shoulder	39	CY	\$ 40.00	\$ 1,572	
Aggregate Subbase			\$		
PCC Curb and Gutter (Trailhead)	960	LF	\$ 30.00	\$ 28,800	
PCC Sidewalk (Trailhead)	4,800	SF	\$ 7.50	\$ 36,000	
Cold Plane AC			\$		
PCC Curb (Trailhead)	100	LF	\$ 25.00	\$ 2,500	
Edge Drains			\$		
				Subtotal Pavement Structural Section \$	<u>280,758</u>
 <u>Section 3 Drainage</u>					
Remove Drainage Facilities	1	LS	\$ 5,000.00	\$ 5,000	
Drainage (Trail)	1	LS	20,000.00	20,000	
Drainage System (Trail Head)	1	LS	20,000.00	20,000	
Rock Slope Protection	1	LS	\$ 10,000.00	\$ 10,000	
				Subtotal Drainage \$	<u>55,000</u>

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Project	Dry Creek Greenway Multi-Use Trail
Option	<u>1A</u>
Project No.	<u>6ROS012500</u>

Section 4 Specialty Items

Retaining Walls (Concrete)	<u>2,627</u>	SF	\$ 60.00	\$ 157,620
Retaining Walls (Soil Nail Wall)	<u>4,608</u>	SF	\$ 90.00	\$ 414,720
Retaining Walls (Tie Back Wall)	<u>833</u>	SF	\$ 100.00	\$ 83,300
Concrete Cut-Off Wall	<u>390</u>	SF	\$ 40.00	\$ 15,600
Tubular Railing	<u>170</u>	LF	\$ 30.00	\$ 5,100
Cable Railing	<u>1,173</u>	LF	\$ 25.00	\$ 29,325
Fence (6' CLF)	<u>350</u>	LF	\$ 25.00	\$ 8,750
Decorative Property Fence (6')		LF	\$ 50.00	\$
Restroom	<u>1</u>	LS	\$ 80,000.00	\$ 80,000
Lanscaping and Irrigation (Trailhead)	<u>0.5</u>	acres	\$ 50,000.00	\$ 25,000
Erosion Control	<u>1</u>	LS	\$ 25,000.00	\$ 25,000
Prepare SWPPP	<u>1</u>	LS	\$ 3,000.00	\$ 3,000
Construction Site Management	<u>1</u>	LS	\$ 10,000.00	\$ 10,000
			Subtotal Specialty Items \$	<u>857,415</u>

Section 5 Traffic Items

Lighting	<u>1</u>	LS	\$ 5,000.00	\$ 5,000
Signals				
Parking Lot Lighting	<u>1</u>	LS	\$ 25,000.00	\$ 25,000
Signing	<u>1</u>	LS	\$ 10,000.00	\$ 10,000
Striping	<u>1</u>	LS	\$ 5,000.00	\$ 5,000
Traffic Control System	<u>1</u>	LS	\$ 25,000.00	\$ 25,000
			Subtotal Traffic Items \$	<u>70,000</u>
			TOTAL SECTIONS 1 thru 5 \$	<u>1,528,173</u>

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Project Dry Creek Greenway Multi-Use Trail
 Option 1A
 Project No. 6ROS012500

<u>Section 6 Minor Items</u>		<u>Item Cost</u>	<u>Section Cost</u>
Subtotal Sections 1 thru 5	\$ <u>1,528,173</u>	x 5% = \$ <u>76,409</u>	
		TOTAL MINOR ITEMS \$	<u>76,409</u>
<u>Section 7 Roadway Mobilization</u>			
Subtotal Sections 1 thru 6	\$ <u>1,604,581</u>	x 10% = \$ <u>160,458</u>	
		TOTAL ROADWAY MOBILIZATION \$	<u>160,458</u>
<u>Section 8 Roadway Additions</u>			
Supplemental Work:	\$ <u>1,604,581</u>	x 5% = \$ <u>80,229</u>	
			\$ <u>80,229</u>
Contingencies:	\$ <u>1,604,581</u>	x 15% = \$ <u>240,687</u>	
			\$ <u>240,687</u>
		TOTAL ROADWAY ADDITIONS \$	<u>320,916</u>
		TOTAL ROADWAY ITEMS \$	<u>2,085,956</u>
		(Subtotal Sections 1 thru 8)	
		USE \$	<u>2,086,000</u>

Estimate Prepared By B Wright
 Estimate Checked By T Hayes

Phone No. 916-788-8122
 Phone No. 916-788-8122

Date 6/3/2013
 Date 6/3/2013

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Project	<u>Dry Creek Greenway Multi-Use Trail</u>
Option	<u>1A</u>
Project No.	<u>6ROS012500</u>

II. STRUCTURE ITEMS

Bridge Name	<u>Darling Bridge</u>	<u>Bridge #3</u>	_____
Structure Type	<u>Reinf Conc Slab</u>	<u>Prefab Steel</u>	_____
Width (out to out) - (ft)	<u>8.0</u>	<u>16</u>	_____
Span Lengths - (ft)	<u>130.3</u>	<u>160</u>	_____
Total Area - (ft ²)	<u>1,043</u>	<u>2560</u>	_____
Skew Angle	_____	_____	_____
Footing Type (pile/spread)	<u>Piles</u>	<u>Piles and Spread</u>	_____
Cost Per ft ² (incl. 10% mobilization and 25% contingency)	\$ <u>250</u>	\$ <u>90</u>	\$ _____
Total Cost for Structure	\$ <u>260,660</u>	\$ <u>230,400</u>	\$ _____ \$ <u>491,060</u>

Structure Name	_____
Structure Type	_____
Cell Dimensions (H x W)	_____
Length - (ft)	_____
Cost Per m (incl. 10% mobilization and 25% contingency)	\$ _____
Total Cost for Structure	\$ _____

SUBTOTAL STRUCTURES ITEMS \$ 491,060
(Sum of Total Cost for Structures)

Railroad Related Costs:	_____	\$ _____
	_____	\$ _____

SUBTOTAL RAILROAD ITEMS \$ _____

TOTAL STRUCTURES ITEMS \$ 491,060
(Sum of Structures Items plus Railroad Items)
USE \$ 491,000

Estimate Prepared By B Wright Phone No. 916-788-8122 Date 6/3/2013

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Project Dry Creek Greenway Multi-Use Trail
 Option 1A
 Project No. 6ROS012500

III. RIGHT OF WAY ITEMS

	Current Value (Future Use)	Escalation Rate/year	Escalated Value
A. Acquisition, including excess lands, damages to remainder(s) and Goodwill.	\$ <u>484,153</u>	<u>0%</u>	\$ <u>484,153</u>
B. Mitigation acquisition & credits	\$ _____	_____	\$ _____
C. Project Development Permit Fees	\$ _____	_____	\$ _____
D. Utility Relocation (City share)	\$ <u>37,500</u>	<u>5.0%</u>	\$ <u>39,375</u>
E. Relocation Assistance	\$ _____	_____	\$ _____
F. Clearance/Demolition	\$ _____	_____	\$ _____
G. Title and Escrow Fees	\$ _____	<u>5.0%</u>	\$ _____
TOTAL RIGHT OF WAY \$	<u>521,653</u>		
(Current Value)			
	TOTAL RIGHT OF WAY ITEMS		\$ <u>523,528</u>
	(Escalated Value)		
	ROUNDED		\$ <u>524,000</u>

Anticipated Date of Right of Way Certification
 (Date to which Values are Escalated) _____

F. Construction Contract Work

Brief Description of Work:

Right of Way Branch Cost Estimate for Work \$ _____

COMMENTS:

Estimate Prepared By B Wright Phone No. 916-788-8122 Date 6/3/2013

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

DRY CREEK GREENWAY MULTI-USE TRAIL

SEGMENT 1 - HILLCREST NEIGHBORHOOD
OPTION 1B

PROJECT DESCRIPTION:

Limits From Saugsted trail at Darling Way to common point at Sta "B" 17+00

Proposed Improvement (Scope) This project proposes to construct a multi-use trail within the limits described above

Option 1B Western alignment using Bridge #2 and Bridge #4

SUMMARY OF PROJECT COST ESTIMATE

TOTAL ROADWAY ITEMS	\$ <u>1,375,000</u>
TOTAL STRUCTURE ITEMS	\$ <u>649,000</u>
SUBTOTAL CONSTRUCTION COSTS	\$ <u>2,024,000</u>
TOTAL RIGHT OF WAY AND UTILITY ITEMS	\$ <u>486,000</u>
TOTAL PROJECT CAPITAL OUTLAY COSTS	\$ <u>2,510,000</u>

Prepared by Project Engineer _____
(Signature)

Approved by Project Manager _____ Date: 6/3/2013
(Signature)

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Project	Dry Creek Greenway Multi-Use Trail
Option	<u>1B</u>
Project No.	<u>6ROS012500</u>

I. ROADWAY ITEMS

<u>Section 1 Earthwork</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Item Cost</u>	<u>Section Cost</u>
Roadway Excavation	5,000	CY	\$ 25.00	\$ 125,000	
Imported Borrow		CY	\$ 25.00		
Clearing & Grubbing	1	LS	\$ 20,000.00	\$ 20,000	
Develop Water Supply			\$		
Top Soil Reapplication			\$		
Shoulder Backing			\$		
Remove Concrete			\$		
Tree Removal	1	LS	\$ 15,000.00	\$ 15,000	
Rounding (Contour Grading)			\$		
				Subtotal Earthwork \$	<u>160,000</u>
 <u>Section 2 Pavement Structural Section</u>					
PCC Pavement (4" Depth)	11,050	SF	\$ 9.00	\$ 99,450	
3" Hot Mix Asphalt (Type A)	77	Tons	\$ 110.00	\$ 8,430	
Class 2 Aggregate Base	183	CY	\$ 40.00	\$ 7,324	
4" Hot Mix Asphalt (Type A) - Trail Head	412	Tons	\$ 90.00	\$ 37,066	
6" Class 2 Aggregate Base - Trail Head	1,880	CY	\$ 35.00	\$ 65,810	
Decomposed Granite Shoulder	28	CY	\$ 40.00	\$ 1,110	
Agregate Base Shoulder	37	CY	\$ 40.00	\$ 1,465	
Aggregate Subbase			\$		
PCC Curb and Gutter (Trailhead)	960	LF	\$ 30.00	\$ 28,800	
PCC Sidewalk (Trailhead)	4,800	SF	\$ 7.50	\$ 36,000	
Cold Plane AC			\$		
PCC Curb (Trailhead)	100	LF	\$ 25.00	\$ 2,500	
Edge Drains			\$		
				Subtotal Pavement Structural Section \$	<u>287,954</u>
 <u>Section 3 Drainage</u>					
Remove Drainage Facilities	1	LS	\$ 5,000.00	\$ 5,000	
Drainage (Trail)	1	LS	20,000.00	20,000	
Drainage System (Trail Head)	1	LS	20,000.00	20,000	
Rock Slope Protection	1	LS	\$ 20,000.00	\$ 20,000	
				Subtotal Drainage \$	<u>65,000</u>

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Project	Dry Creek Greenway Multi-Use Trail
Option	<u>1B</u>
Project No.	<u>6ROS012500</u>

Section 4 Specialty Items

Retaining Walls (Concrete)	<u>2,796</u>	SF	\$ 60.00	\$ 167,760
Retaining Walls (Soil Nail Wall)		SF	\$ 90.00	\$
Retaining Walls (Tie Back Wall)	<u>833</u>	SF	\$ 100.00	\$ 83,300
Concrete Cut-Off Wall	<u>390</u>	SF	\$ 40.00	\$ 15,600
Tubular Railing	<u>170</u>	LF	\$ 30.00	\$ 5,100
Cable Railing	<u>388</u>	LF	\$ 25.00	\$ 9,700
Fence (6' CLF)		LF	\$ 25.00	\$
Decorative Property Fence (6')		LF	\$ 50.00	\$
Restroom	<u>1</u>	LS	\$ 80,000.00	\$ 80,000
Lanscaping and Irrigation (Trailhead)	<u>0.5</u>	acres	\$ 50,000.00	\$ 25,000
Erosion Control	<u>1</u>	LS	\$ 25,000.00	\$ 25,000
Prepare SWPPP	<u>1</u>	LS	\$ 3,000.00	\$ 3,000
Construction Site Management	<u>1</u>	LS	\$ 10,000.00	\$ 10,000
			Subtotal Specialty Items \$	<u>424,460</u>

Section 5 Traffic Items

Lighting	<u>1</u>	LS	\$ 5,000.00	\$ 5,000
Signals				
Parking Lot Lighting	<u>1</u>	LS	\$ 25,000.00	\$ 25,000
Signing	<u>1</u>	LS	\$ 10,000.00	\$ 10,000
Striping	<u>1</u>	LS	\$ 5,000.00	\$ 5,000
Traffic Control System	<u>1</u>	LS	\$ 25,000.00	\$ 25,000
			Subtotal Traffic Items \$	<u>70,000</u>
			TOTAL SECTIONS 1 thru 5 \$	<u>1,007,414</u>

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Project Dry Creek Greenway Multi-Use Trail
 Option 1B
 Project No. 6ROS012500

<u>Section 6 Minor Items</u>		<u>Item Cost</u>	<u>Section Cost</u>
Subtotal Sections 1 thru 5	\$ <u>1,007,414</u>	x 5% = \$ <u>50,371</u>	
		TOTAL MINOR ITEMS \$	<u>50,371</u>
<u>Section 7 Roadway Mobilization</u>			
Subtotal Sections 1 thru 6	\$ <u>1,057,784</u>	x 10% = \$ <u>105,778</u>	
		TOTAL ROADWAY MOBILIZATION \$	<u>105,778</u>
<u>Section 8 Roadway Additions</u>			
Supplemental Work:	\$ <u>1,057,784</u>	x 5% = \$ <u>52,889</u>	\$ <u>52,889</u>
Contingencies:	\$ <u>1,057,784</u>	x 15% = \$ <u>158,668</u>	\$ <u>158,668</u>
		TOTAL ROADWAY ADDITIONS \$	<u>211,557</u>
		TOTAL ROADWAY ITEMS \$	<u>1,375,120</u>
		(Subtotal Sections 1 thru 8)	
		USE \$	<u>1,375,000</u>

Estimate Prepared By B Wright
 Estimate Checked By T Hayes

Phone No. 916-788-8122
 Phone No. 916-788-8122

Date 6/3/2013
 Date 6/3/2013

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Project	<u>Dry Creek Greenway Multi-Use Trail</u>
Option	<u>1B</u>
Project No.	<u>6ROS012500</u>

II. STRUCTURE ITEMS

Bridge Name	<u>Darling Bridge</u>	<u>Bridge #4</u>	<u>Bridge #2</u>	
Structure Type	<u>Reinf Conc Slab</u>	<u>Prefab Steel</u>	<u>Prefab Steel</u>	
Width (out to out) - (ft)	<u>8.0</u>	<u>16</u>	<u>16</u>	
Span Lengths - (ft)	<u>130.3</u>	<u>160</u>	<u>110</u>	
Total Area - (ft ²)	<u>1,043</u>	<u>2560</u>	<u>1760</u>	
Skew Angle				
Footing Type (pile/spread)	<u>Piles</u>	<u>Piles and Spread</u>	<u>Piles and Spread</u>	
Cost Per ft ² (incl. 10% mobilization and 25% contingency)	\$ <u>250</u>	\$ <u>90</u>	\$ <u>90</u>	
Total Cost for Structure	\$ <u>260,660</u>	\$ <u>230,400</u>	\$ <u>158,400</u>	\$ <u>649,460</u>

Structure Name	_____	
Structure Type	_____	
Cell Dimensions (H x W)	_____	_____
Length - (ft)	_____	_____
Cost Per m (incl. 10% mobilization and 25% contingency)		\$ _____
Total Cost for Structure		\$ _____

SUBTOTAL STRUCTURES ITEMS \$ 649,460
(Sum of Total Cost for Structures)

Railroad Related Costs:	_____	\$ _____
	_____	\$ _____

SUBTOTAL RAILROAD ITEMS \$ _____

TOTAL STRUCTURES ITEMS \$ 649,460
(Sum of Structures Items plus Railroad Items)
USE \$ 649,000

Estimate Prepared By B Wright Phone No. 916-788-8122 Date 6/3/2013

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Project Dry Creek Greenway Multi-Use Trail
 Option 1B
 Project No. 6ROS012500

III. RIGHT OF WAY ITEMS

	Current Value (Future Use)	Escalation Rate/year	Escalated Value
A. Acquisition, including excess lands, damages to remainder(s) and Goodwill.	\$ <u>448,185</u>	<u>0%</u>	\$ <u>448,185</u>
B. Mitigation acquisition & credits	\$ _____	_____	\$ _____
C. Project Development Permit Fees	\$ _____	_____	\$ _____
D. Utility Relocation (City share)	\$ <u>37,500</u>	<u>5.0%</u>	\$ <u>39,375</u>
E. Relocation Assistance	\$ _____	_____	\$ _____
F. Clearance/Demolition	\$ _____	_____	\$ _____
G. Title and Escrow Fees	\$ _____	<u>5.0%</u>	\$ _____
TOTAL RIGHT OF WAY \$	<u>485,685</u>		
(Current Value)			
	TOTAL RIGHT OF WAY ITEMS		\$ <u>487,560</u>
	(Escalated Value)		
	ROUNDED		\$ <u>488,000</u>

Anticipated Date of Right of Way Certification
 (Date to which Values are Escalated) _____

F. Construction Contract Work

Brief Description of Work:

Right of Way Branch Cost Estimate for Work \$ _____

COMMENTS:

Estimate Prepared By B Wright Phone No. 916-788-8122 Date 6/3/2013

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

DRY CREEK GREENWAY MULTI-USE TRAIL

SEGMENT 1 - HILLCREST NEIGHBORHOOD
OPTION 1C

PROJECT DESCRIPTION:

Limits From Saugsted trail at Darling Way to common point at Sta "B" 17+00

Proposed Improvement (Scope) This project proposes to construct a multi-use trail within the limits described above

Option 1C Eastern alignment using Bridge #2 and Bridge #4

SUMMARY OF PROJECT COST ESTIMATE

TOTAL ROADWAY ITEMS	\$ <u>1,769,000</u>
TOTAL STRUCTURE ITEMS	\$ <u>389,000</u>
SUBTOTAL CONSTRUCTION COSTS	\$ <u>2,158,000</u>
TOTAL RIGHT OF WAY AND UTILITY ITEMS	\$ <u>319,000</u>
TOTAL PROJECT CAPITAL OUTLAY COSTS	\$ <u>2,477,000</u>

Prepared by Project Engineer _____
(Signature)

Approved by Project Manager _____ Date: 6/3/2013
(Signature)

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Project	Dry Creek Greenway Multi-Use Trail
Option	<u>1C</u>
Project No.	<u>6ROS012500</u>

I. ROADWAY ITEMS

<u>Section 1 Earthwork</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Item Cost</u>	<u>Section Cost</u>
Roadway Excavation	5,000	CY	\$ 25.00	\$ 125,000	
Imported Borrow		CY	\$ 25.00		
Clearing & Grubbing	1	LS	\$ 20,000.00	\$ 20,000	
Develop Water Supply			\$		
Top Soil Reapplication			\$		
Shoulder Backing			\$		
Remove Concrete			\$		
Tree Removal	1	LS	\$ 30,000.00	\$ 30,000	
Rounding (Contour Grading)			\$		
				Subtotal Earthwork \$	<u>175,000</u>
 <u>Section 2 Pavement Structural Section</u>					
PCC Pavement (4" Depth)	12,450	SF	\$ 9.00	\$ 112,050	
3" Hot Mix Asphalt (Type A)	60	Tons	\$ 110.00	\$ 6,650	
Class 2 Aggregate Base	216	CY	\$ 40.00	\$ 8,629	
4" Hot Mix Asphalt (Type A) - Trail Head	412	Tons	\$ 90.00	\$ 37,066	
6" Class 2 Aggregate Base - Trail Head	1,880	CY	\$ 35.00	\$ 65,810	
Decomposed Granite Shoulder	33	CY	\$ 40.00	\$ 1,307	
Agregate Base Shoulder	43	CY	\$ 40.00	\$ 1,726	
Aggregate Subbase			\$		
PCC Curb and Gutter (Trailhead)	960	LF	\$ 30.00	\$ 28,800	
PCC Sidewalk (Trailhead)	4,800	SF	\$ 7.50	\$ 36,000	
Cold Plane AC			\$		
PCC Curb (Trailhead)	100	LF	\$ 25.00	\$ 2,500	
Edge Drains			\$		
				Subtotal Pavement Structural Section \$	<u>300,538</u>
 <u>Section 3 Drainage</u>					
Remove Drainage Facilities	1	LS	\$ 5,000.00	\$ 5,000	
Drainage (Trail)	1	LS	20,000.00	20,000	
Drainage System (Trail Head)	1	LS	20,000.00	20,000	
Rock Slope Protection	1	LS	\$ 20,000.00	\$ 20,000	
				Subtotal Drainage \$	<u>65,000</u>

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Project	Dry Creek Greenway Multi-Use Trail
Option	<u>1C</u>
Project No.	<u>6ROS012500</u>

Section 4 Specialty Items

Retaining Walls (Concrete)	<u>2,884</u>	SF	\$ 60.00	\$ 173,040
Retaining Walls (Soil Nail Wall)		SF	\$ 90.00	\$
Retaining Walls (Tie Back Wall)	<u>2,688</u>	SF	\$ 100.00	\$ 268,800
Concrete Cut-Off Wall	<u>1,644</u>	SF	\$ 40.00	\$ 65,760
Tubular Railing	<u>740</u>	LF	\$ 30.00	\$ 22,200
Cable Railing	<u>605</u>	LF	\$ 25.00	\$ 15,125
Fence (6' CLF)		LF	\$ 25.00	\$
Decorative Property Fence (6')	<u>250</u>	LF	\$ 50.00	\$ 12,500
Restroom	<u>1</u>	LS	\$ 80,000.00	\$ 80,000
Lanscaping and Irrigation (Trailhead)	<u>0.5</u>	acres	\$ 50,000.00	\$ 25,000
Erosion Control	<u>1</u>	LS	\$ 25,000.00	\$ 25,000
Prepare SWPPP	<u>1</u>	LS	\$ 3,000.00	\$ 3,000
Construction Site Management	<u>1</u>	LS	\$ 10,000.00	\$ 10,000
			Subtotal Specialty Items \$ <u>700,425</u>	

Section 5 Traffic Items

Lighting	<u>1</u>	LS	\$ 5,000.00	\$ 5,000
Signals				
Parking Lot Lighting	<u>1</u>	LS	\$ 25,000.00	\$ 25,000
Signing	<u>1</u>	LS	\$ 10,000.00	\$ 10,000
Striping	<u>1</u>	LS	\$ 5,000.00	\$ 5,000
Traffic Control System	<u>1</u>	LS	\$ 10,000.00	\$ 10,000
			Subtotal Traffic Items \$ <u>55,000</u>	
			TOTAL SECTIONS 1 thru 5 \$ <u>1,295,963</u>	

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Project Dry Creek Greenway Multi-Use Trail
 Option 1C
 Project No. 6ROS012500

<u>Section 6 Minor Items</u>		<u>Item Cost</u>	<u>Section Cost</u>
Subtotal Sections 1 thru 5	\$ <u>1,295,963</u>	x 5% = \$ <u>64,798</u>	
		TOTAL MINOR ITEMS \$	<u>64,798</u>
<u>Section 7 Roadway Mobilization</u>			
Subtotal Sections 1 thru 6	\$ <u>1,360,761</u>	x 10% = \$ <u>136,076</u>	
		TOTAL ROADWAY MOBILIZATION \$	<u>136,076</u>
<u>Section 8 Roadway Additions</u>			
Supplemental Work:	\$ <u>1,360,761</u>	x 5% = \$ <u>68,038</u>	
			\$ <u>68,038</u>
Contingencies:	\$ <u>1,360,761</u>	x 15% = \$ <u>204,114</u>	
			\$ <u>204,114</u>
		TOTAL ROADWAY ADDITIONS \$	<u>272,152</u>
		TOTAL ROADWAY ITEMS \$	<u>1,768,989</u>
		(Subtotal Sections 1 thru 8)	
		USE \$	<u>1,769,000</u>

Estimate Prepared By B Wright
 Estimate Checked By T Hayes

Phone No. 916-788-8122
 Phone No. 916-788-8122

Date 6/3/2013
 Date 6/3/2013

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Project Dry Creek Greenway Multi-Use Trail
 Option 1C
 Project No. 6ROS012500

III. RIGHT OF WAY ITEMS

	Current Value (Future Use)	Escalation Rate/year	Escalated Value
A. Acquisition, including excess lands, damages to remainder(s) and Goodwill.	\$ <u>303,987</u>	<u>0%</u>	\$ <u>303,987</u>
B. Mitigation acquisition & credits	\$ _____	_____	\$ _____
C. Project Development Permit Fees	\$ _____	_____	\$ _____
D. Utility Relocation (City share)	\$ <u>15,000</u>	<u>5.0%</u>	\$ <u>15,750</u>
E. Relocation Assistance	\$ _____	_____	\$ _____
F. Clearance/Demolition	\$ _____	_____	\$ _____
G. Title and Escrow Fees	\$ _____	<u>5.0%</u>	\$ _____
TOTAL RIGHT OF WAY \$	<u>318,987</u>		
(Current Value)			
	TOTAL RIGHT OF WAY ITEMS		\$ <u>319,737</u>
	(Escalated Value)		
	ROUNDED		\$ <u>320,000</u>

Anticipated Date of Right of Way Certification
 (Date to which Values are Escalated) _____

F. Construction Contract Work

Brief Description of Work:

Right of Way Branch Cost Estimate for Work \$ _____

COMMENTS:

Estimate Prepared By B Wright Phone No. 916-788-8122 Date 6/3/2013

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

DRY CREEK GREENWAY MULTI-USE TRAIL

SEGMENT 5 - SUNRISE BOULEVARD AREA

OPTION 5A

PROJECT DESCRIPTION:

Limits From west of Linda/Cirby Creek confluence (Sta 77+00) to common point at Sta "B" 89+05

Proposed Improvement (Scope) This project proposes to construct a multi-use trail within the limits described above

Option 5A Southern alignment using Bridge #14 and dual access to Sunrise

SUMMARY OF PROJECT COST ESTIMATE

TOTAL ROADWAY ITEMS	\$ <u>1,330,000</u>
TOTAL STRUCTURE ITEMS	\$ <u>144,000</u>
SUBTOTAL CONSTRUCTION COSTS	\$ <u>1,474,000</u>
TOTAL RIGHT OF WAY AND UTILITY ITEMS	\$ <u>26,000</u>
TOTAL PROJECT CAPITAL OUTLAY COSTS	\$ <u>1,500,000</u>

Prepared by Project Engineer _____
(Signature)

Approved by Project Manager _____ Date: 6/3/2013
(Signature)

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Project	Dry Creek Greenway Multi-Use Trail
Option	<u>5A</u>
Project No.	<u>6ROS012500</u>

I. ROADWAY ITEMS

<u>Section 1 Earthwork</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Item Cost</u>	<u>Section Cost</u>
Roadway Excavation	5,000	CY	\$ 25.00	\$ 125,000	
Imported Borrow		CY	\$ 25.00		
Clearing & Grubbing	1	LS	\$ 20,000.00	\$ 20,000	
Develop Water Supply			\$		
Top Soil Reapplication			\$		
Shoulder Backing			\$		
Remove Concrete			\$		
Tree Removal	1	LS	\$ 30,000.00	\$ 30,000	
Rounding (Contour Grading)			\$		
				Subtotal Earthwork \$	<u>175,000</u>
 <u>Section 2 Pavement Structural Section</u>					
PCC Pavement (4" Depth)	14,550	SF	\$ 9.00	\$ 130,950	
3" Hot Mix Asphalt (Type A)	147	Tons	\$ 110.00	\$ 16,173	
Class 2 Aggregate Base	279	CY	\$ 40.00	\$ 11,147	
4" Hot Mix Asphalt (Type A) - Trail Head		Tons	\$ 90.00		
6" Class 2 Aggregate Base - Trail Head		CY	\$ 35.00		
Decomposed Granite Shoulder	42	CY	\$ 40.00	\$ 1,689	
Agregate Base Shoulder	56	CY	\$ 40.00	\$ 2,229	
Aggregate Subbase			\$		
PCC Curb and Gutter (Trailhead)		LF	\$ 30.00		
PCC Sidewalk (Trailhead)		SF	\$ 7.50		
Cold Plane AC			\$		
PCC Curb (Trailhead)		LF	\$ 25.00		
Edge Drains			\$		
				Subtotal Pavement Structural Section \$	<u>162,188</u>
 <u>Section 3 Drainage</u>					
Remove Drainage Facilities	1	LS	\$ 5,000.00	\$ 5,000	
Drainage (Trail)	1	LS	20,000.00	20,000	
Drainage System (Trail Head)	1	LS			
Rock Slope Protection	1	LS	\$ 20,000.00	\$ 20,000	
				Subtotal Drainage \$	<u>45,000</u>

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Project	Dry Creek Greenway Multi-Use Trail
Option	<u>5A</u>
Project No.	<u>6ROS012500</u>

Section 4 Specialty Items

Retaining Walls (Concrete)	<u>5,416</u>	SF	\$ 60.00	\$ 324,960
Retaining Walls (Soil Nail Wall)		SF	\$ 90.00	
Retaining Walls (Tie Back Wall)	<u>552</u>	SF	\$ 100.00	\$ 55,200
Concrete Cut-Off Wall	<u>1,668</u>	SF	\$ 40.00	\$ 66,720
Tubular Railing	<u>300</u>	LF	\$ 30.00	\$ 9,000
Cable Railing	<u>1,040</u>	LF	\$ 25.00	\$ 26,000
Fence (6' CLF)		LF	\$ 25.00	
Decorative Property Fence (6')	<u>1,000</u>	LF	\$ 50.00	\$ 50,000
Restroom		LS	\$ 80,000.00	
Lanscaping and Irrigation (Trailhead)		acres	\$ 50,000.00	
Erosion Control	<u>1</u>	LS	\$ 25,000.00	\$ 25,000
Prepare SWPPP	<u>1</u>	LS	\$ 3,000.00	\$ 3,000
Construction Site Management	<u>1</u>	LS	\$ 10,000.00	\$ 10,000
			Subtotal Specialty Items \$	<u>569,880</u>

Section 5 Traffic Items

Lighting	<u>1</u>	LS	\$ 5,000.00	\$ 5,000
Signals				
Parking Lot Lighting		LS		
Signing	<u>1</u>	LS	\$ 5,000.00	\$ 5,000
Striping	<u>1</u>	LS	\$ 2,500.00	\$ 2,500
Traffic Control System	<u>1</u>	LS	\$ 10,000.00	\$ 10,000
			Subtotal Traffic Items \$	<u>22,500</u>
			TOTAL SECTIONS 1 thru 5 \$	<u>974,568</u>

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Project Dry Creek Greenway Multi-Use Trail
 Option 5A
 Project No. 6ROS012500

<u>Section 6 Minor Items</u>		<u>Item Cost</u>	<u>Section Cost</u>
Subtotal Sections 1 thru 5	\$ <u>974,568</u>	x 5% = \$ <u>48,728</u>	
		TOTAL MINOR ITEMS \$	<u>48,728</u>
<u>Section 7 Roadway Mobilization</u>			
Subtotal Sections 1 thru 6	\$ <u>1,023,297</u>	x 10% = \$ <u>102,330</u>	
		TOTAL ROADWAY MOBILIZATION \$	<u>102,330</u>
<u>Section 8 Roadway Additions</u>			
Supplemental Work:	\$ <u>1,023,297</u>	x 5% = \$ <u>51,165</u>	
			\$ <u>51,165</u>
Contingencies:	\$ <u>1,023,297</u>	x 15% = \$ <u>153,494</u>	
			\$ <u>153,494</u>
		TOTAL ROADWAY ADDITIONS \$	<u>204,659</u>
		TOTAL ROADWAY ITEMS \$	<u>1,330,286</u>
		(Subtotal Sections 1 thru 8)	
		USE \$	<u>1,330,000</u>

Estimate Prepared By B Wright
 Estimate Checked By T Hayes

Phone No. 916-788-8122
 Phone No. 916-788-8122

Date 6/3/2013
 Date 6/3/2013

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Project	<u>Dry Creek Greenway Multi-Use Trail</u>
Option	<u>5A</u>
Project No.	<u>6ROS012500</u>

II. STRUCTURE ITEMS

Bridge Name	<u>Bridge #14</u>		
Structure Type	<u>Prefab Steel</u>		
Width (out to out) - (ft)	<u>16</u>		
Span Lengths - (ft)	<u>100</u>		
Total Area - (ft ²)	<u>1600</u>		
Skew Angle			
Footing Type (pile/spread)	<u>Piles and Spread</u>		
Cost Per ft ² (incl. 10% mobilization and 25% contingency)	\$ 250	\$ 90	\$
Total Cost for Structure	\$	\$ 144,000	\$ 144,000

Structure Name	<u></u>		
Structure Type	<u></u>		
Cell Dimensions (H x W)	<u></u>	<u></u>	
Length - (ft)	<u></u>	<u></u>	
Cost Per m (incl. 10% mobilization and 25% contingency)			\$
Total Cost for Structure			\$

SUBTOTAL STRUCTURES ITEMS \$ 144,000
(Sum of Total Cost for Structures)

Railroad Related Costs:	<u></u>	\$
	<u></u>	\$

SUBTOTAL RAILROAD ITEMS \$

TOTAL STRUCTURES ITEMS \$ 144,000
(Sum of Structures Items plus Railroad Items)
USE \$ 144,000

Estimate Prepared By B Wright Phone No. 916-788-8122 Date 6/3/2013

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Project Dry Creek Greenway Multi-Use Trail
 Option 5A
 Project No. 6ROS012500

III. RIGHT OF WAY ITEMS

	Current Value (Future Use)	Escalation Rate/year	Escalated Value
A. Acquisition, including excess lands, damages to remainder(s) and Goodwill.	\$ <u>10,746</u>	<u>0%</u>	\$ <u>10,746</u>
B. Mitigation acquisition & credits	\$ _____	_____	\$ _____
C. Project Development Permit Fees	\$ _____	_____	\$ _____
D. Utility Relocation (City share)	\$ <u>15,000</u>	<u>5.0%</u>	\$ <u>15,750</u>
E. Relocation Assistance	\$ _____	_____	\$ _____
F. Clearance/Demolition	\$ _____	_____	\$ _____
G. Title and Escrow Fees	\$ _____	<u>5.0%</u>	\$ _____
TOTAL RIGHT OF WAY \$ (Current Value)	<u>25,746</u>		
		TOTAL RIGHT OF WAY ITEMS (Escalated Value)	\$ <u>26,496</u>
		ROUNDED	\$ <u>26,000</u>

Anticipated Date of Right of Way Certification
 (Date to which Values are Escalated) _____

F. Construction Contract Work

Brief Description of Work:

Right of Way Branch Cost Estimate for Work \$ _____

COMMENTS:

Estimate Prepared By B Wright Phone No. 916-788-8122 Date 6/3/2013

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

DRY CREEK GREENWAY MULTI-USE TRAIL

SEGMENT 5 - SUNRISE BOULEVARD AREA
OPTION 5B

PROJECT DESCRIPTION:

Limits From west of Linda/Cirby Creek confluence (Sta 77+00) to common point at Sta "B" 89+05

Proposed Improvement (Scope) This project proposes to construct a multi-use trail within the limits described above

Option 5B Northern alignment using Bridge #13 and western access to Sunrise

SUMMARY OF PROJECT COST ESTIMATE

TOTAL ROADWAY ITEMS	\$ <u>945,000</u>
TOTAL STRUCTURE ITEMS	\$ <u>256,000</u>
SUBTOTAL CONSTRUCTION COSTS	\$ <u>1,201,000</u>
TOTAL RIGHT OF WAY AND UTILITY ITEMS	\$ <u>57,000</u>
TOTAL PROJECT CAPITAL OUTLAY COSTS	\$ <u>1,258,000</u>

Prepared by Project Engineer _____
(Signature)

Approved by Project Manager _____ Date: 6/3/2013
(Signature)

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Project	Dry Creek Greenway Multi-Use Trail
Option	<u>5B</u>
Project No.	<u>6ROS012500</u>

I. ROADWAY ITEMS

<u>Section 1 Earthwork</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Item Cost</u>	<u>Section Cost</u>
Roadway Excavation	2,000	CY	\$ 25.00	\$ 50,000	
Imported Borrow		CY	\$ 25.00		
Clearing & Grubbing	1	LS	\$ 20,000.00	\$ 20,000	
Develop Water Supply			\$		
Top Soil Reapplication			\$		
Shoulder Backing			\$		
Remove Concrete			\$		
Tree Removal	1	LS	\$ 20,000.00	\$ 20,000	
Rounding (Contour Grading)			\$		
				Subtotal Earthwork \$	<u>90,000</u>
 <u>Section 2 Pavement Structural Section</u>					
PCC Pavement (4" Depth)	16,910	SF	\$ 9.00	\$ 152,190	
3" Hot Mix Asphalt (Type A)	128	Tons	\$ 110.00	\$ 14,050	
Class 2 Aggregate Base	287	CY	\$ 40.00	\$ 11,469	
4" Hot Mix Asphalt (Type A) - Trail Head		Tons	\$ 90.00		
6" Class 2 Aggregate Base - Trail Head		CY	\$ 35.00		
Decomposed Granite Shoulder		CY	\$ 40.00		
Agregate Base Shoulder	57	CY	\$ 40.00	\$ 2,294	
Aggregate Subbase			\$		
PCC Curb and Gutter (Trailhead)		LF	\$ 30.00		
PCC Sidewalk (Trailhead)		SF	\$ 7.50		
Cold Plane AC			\$		
PCC Curb (Trailhead)		LF	\$ 25.00		
Edge Drains			\$		
				Subtotal Pavement Structural Section \$	<u>180,003</u>
 <u>Section 3 Drainage</u>					
Remove Drainage Facilities	1	LS	\$ 5,000.00	\$ 5,000	
Drainage (Trail)	1	LS	20,000.00	20,000	
Drainage System (Trail Head)	1	LS			
Rock Slope Protection	1	LS	\$ 10,000.00	\$ 10,000	
				Subtotal Drainage \$	<u>35,000</u>

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Project	Dry Creek Greenway Multi-Use Trail
Option	<u>5B</u>
Project No.	<u>6ROS012500</u>

Section 4 Specialty Items

Retaining Walls (Concrete)	<u>268</u>	SF	\$ 60.00	\$ 16,080
Retaining Walls (Soil Nail Wall)	<u> </u>	SF	\$ 90.00	\$
Retaining Walls (Tie Back Wall)	<u> </u>	SF	\$ 100.00	\$
Concrete Cut-Off Wall	<u>5,832</u>	SF	\$ 40.00	\$ 233,280
Tubular Railing	<u>975</u>	LF	\$ 30.00	\$ 29,250
Cable Railing	<u>200</u>	LF	\$ 25.00	\$ 5,000
Fence (6' CLF)	<u> </u>	LF	\$ 25.00	\$
Decorative Property Fence (6')	<u>540</u>	LF	\$ 50.00	\$ 27,000
Restroom	<u> </u>	LS	\$ 80,000.00	\$
Lanscaping and Irrigation (northern property)	<u>0.3</u>	acres	\$ 50,000.00	\$ 12,500
Erosion Control	<u>1</u>	LS	\$ 25,000.00	\$ 25,000
Prepare SWPPP	<u>1</u>	LS	\$ 3,000.00	\$ 3,000
Construction Site Management	<u>1</u>	LS	\$ 10,000.00	\$ 10,000
			Subtotal Specialty Items \$	<u>361,110</u>

Section 5 Traffic Items

Lighting	<u>1</u>	LS	\$ 5,000.00	\$ 5,000
Signals	<u> </u>			
Parking Lot Lighting	<u> </u>	LS	\$	\$
Signing	<u>1</u>	LS	\$ 6,000.00	\$ 6,000
Striping	<u>1</u>	LS	\$ 3,000.00	\$ 3,000
Traffic Control System	<u>1</u>	LS	\$ 12,500.00	\$ 12,500
			Subtotal Traffic Items \$	<u>26,500</u>
			TOTAL SECTIONS 1 thru 5 \$	<u>692,613</u>

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Project Dry Creek Greenway Multi-Use Trail
 Option 5B
 Project No. 6ROS012500

<u>Section 6 Minor Items</u>		<u>Item Cost</u>	<u>Section Cost</u>
Subtotal Sections 1 thru 5	\$ <u>692,613</u>	x 5% = \$ <u>34,631</u>	
		TOTAL MINOR ITEMS \$	<u>34,631</u>
<u>Section 7 Roadway Mobilization</u>			
Subtotal Sections 1 thru 6	\$ <u>727,244</u>	x 10% = \$ <u>72,724</u>	
		TOTAL ROADWAY MOBILIZATION \$	<u>72,724</u>
<u>Section 8 Roadway Additions</u>			
Supplemental Work:	\$ <u>727,244</u>	x 5% = \$ <u>36,362</u>	\$ <u>36,362</u>
Contingencies:	\$ <u>727,244</u>	x 15% = \$ <u>109,087</u>	\$ <u>109,087</u>
		TOTAL ROADWAY ADDITIONS \$	<u>145,449</u>
		TOTAL ROADWAY ITEMS \$	<u>945,417</u>
		(Subtotal Sections 1 thru 8)	
		USE \$	<u>945,000</u>

Estimate Prepared By B Wright
 Estimate Checked By T Hayes

Phone No. 916-788-8122
 Phone No. 916-788-8122

Date 6/3/2013
 Date 6/3/2013

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Project	<u>Dry Creek Greenway Multi-Use Trail</u>
Option	<u>5B</u>
Project No.	<u>6ROS012500</u>

II. STRUCTURE ITEMS

Bridge Name	<u>Bridge #13</u>		
Structure Type	<u>Conc Slab</u>		
Width (out to out) - (ft)	<u>16</u>		
Span Lengths - (ft)	<u>80</u>		
Total Area - (ft ²)	<u>1280</u>		
Skew Angle			
Footing Type (pile/spread)	<u>Piles and Spread</u>		
Cost Per ft ² (incl. 10% mobilization and 25% contingency)	\$ <u>250</u>	\$ <u>200</u>	\$ _____
Total Cost for Structure	\$ _____	\$ <u>256,000</u>	\$ _____

Structure Name	_____		
Structure Type	_____		
Cell Dimensions (H x W)	_____	_____	
Length - (ft)	_____	_____	
Cost Per m (incl. 10% mobilization and 25% contingency)			\$ _____
Total Cost for Structure			\$ _____

SUBTOTAL STRUCTURES ITEMS \$ 256,000
(Sum of Total Cost for Structures)

Railroad Related Costs:	_____	\$ _____
	_____	\$ _____

SUBTOTAL RAILROAD ITEMS \$ _____

TOTAL STRUCTURES ITEMS \$ 256,000
(Sum of Structures Items plus Railroad Items)
USE \$ 256,000

Estimate Prepared By B Wright Phone No. 916-788-8122 Date 6/3/2013

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Project Dry Creek Greenway Multi-Use Trail
 Option 5B
 Project No. 6ROS012500

III. RIGHT OF WAY ITEMS

	Current Value (Future Use)	Escalation Rate/year	Escalated Value
A. Acquisition, including excess lands, damages to remainder(s) and Goodwill.	\$ <u>52,002</u>	<u>0%</u>	\$ <u>52,002</u>
B. Mitigation acquisition & credits	\$ _____	_____	\$ _____
C. Project Development Permit Fees	\$ _____	_____	\$ _____
D. Utility Relocation (City share)	\$ <u>5,000</u>	<u>5.0%</u>	\$ <u>5,250</u>
E. Relocation Assistance	\$ _____	_____	\$ _____
F. Clearance/Demolition	\$ _____	_____	\$ _____
G. Title and Escrow Fees	\$ _____	<u>5.0%</u>	\$ _____
TOTAL RIGHT OF WAY \$	<u>57,002</u>		
(Current Value)			
	TOTAL RIGHT OF WAY ITEMS		\$ <u>57,252</u>
	(Escalated Value)		
	ROUNDED		\$ <u>57,000</u>

Anticipated Date of Right of Way Certification
 (Date to which Values are Escalated) _____

F. Construction Contract Work

Brief Description of Work:

Right of Way Branch Cost Estimate for Work \$ _____

COMMENTS:

Estimate Prepared By B Wright Phone No. 916-788-8122 Date 6/3/2013

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

DRY CREEK GREENWAY MULTI-USE TRAIL

SEGMENT 5 - SUNRISE BOULEVARD AREA
OPTION 5C

PROJECT DESCRIPTION:

Limits From west of Linda/Cirby Creek confluence (Sta 77+00) to common point at Sta "B/C" 89+05

Proposed Improvement (Scope) This project proposes to construct a multi-use trail within the limits described above

Option 5C Northern alignment using Bridge #13 and no access to Sunrise

SUMMARY OF PROJECT COST ESTIMATE

TOTAL ROADWAY ITEMS	\$ <u>814,000</u>
TOTAL STRUCTURE ITEMS	\$ <u>256,000</u>
SUBTOTAL CONSTRUCTION COSTS	\$ <u>1,070,000</u>
TOTAL RIGHT OF WAY AND UTILITY ITEMS	\$ <u>17,000</u>
TOTAL PROJECT CAPITAL OUTLAY COSTS	\$ <u>1,087,000</u>

Prepared by Project Engineer _____
(Signature)

Approved by Project Manager _____ Date: 6/3/2013
(Signature)

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Project	Dry Creek Greenway Multi-Use Trail
Option	<u>5C</u>
Project No.	<u>6ROS012500</u>

I. ROADWAY ITEMS

<u>Section 1 Earthwork</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Item Cost</u>	<u>Section Cost</u>
Roadway Excavation	1,000	CY	\$ 25.00	\$ 25,000	
Imported Borrow		CY	\$ 25.00		
Clearing & Grubbing	1	LS	\$ 20,000.00	\$ 20,000	
Develop Water Supply			\$		
Top Soil Reapplication			\$		
Shoulder Backing			\$		
Remove Concrete			\$		
Tree Removal	1	LS	\$ 10,000.00	\$ 10,000	
Rounding (Contour Grading)			\$		
				Subtotal Earthwork \$	<u>55,000</u>
 <u>Section 2 Pavement Structural Section</u>					
PCC Pavement (4" Depth)	16,500	SF	\$ 9.00	\$ 148,500	
3" Hot Mix Asphalt (Type A)	30	Tons	\$ 110.00	\$ 3,325	
Class 2 Aggregate Base	221	CY	\$ 40.00	\$ 8,824	
4" Hot Mix Asphalt (Type A) - Trail Head		Tons	\$ 90.00		
6" Class 2 Aggregate Base - Trail Head		CY	\$ 35.00		
Decomposed Granite Shoulder		CY	\$ 40.00		
Agregate Base Shoulder	44	CY	\$ 40.00	\$ 1,765	
Aggregate Subbase			\$		
PCC Curb and Gutter (Trailhead)		LF	\$ 30.00		
PCC Sidewalk (Trailhead)		SF	\$ 7.50		
Cold Plane AC			\$		
PCC Curb (Trailhead)		LF	\$ 25.00		
Edge Drains			\$		
				Subtotal Pavement Structural Section \$	<u>162,414</u>
 <u>Section 3 Drainage</u>					
Remove Drainage Facilities	1	LS	\$ 5,000.00	\$ 5,000	
Drainage (Trail)	1	LS	20,000.00	20,000	
Drainage System (Trail Head)	1	LS			
Rock Slope Protection	1	LS	\$ 10,000.00	\$ 10,000	
				Subtotal Drainage \$	<u>35,000</u>

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Project	<u>Dry Creek Greenway Multi-Use Trail</u>
Option	<u>5C</u>
Project No.	<u>6ROS012500</u>

Section 4 Specialty Items

Retaining Walls (Concrete)	<u>268</u>	<u>SF</u>	\$ <u>60.00</u>	\$ <u>16,080</u>
Retaining Walls (Soil Nail Wall)		<u>SF</u>	\$ <u>90.00</u>	\$
Retaining Walls (Tie Back Wall)		<u>SF</u>	\$ <u>100.00</u>	\$
Concrete Cut-Off Wall	<u>5,832</u>	<u>SF</u>	\$ <u>40.00</u>	\$ <u>233,280</u>
Tubular Railing	<u>975</u>	<u>LF</u>	\$ <u>30.00</u>	\$ <u>29,250</u>
Cable Railing	<u>200</u>	<u>LF</u>	\$ <u>25.00</u>	\$ <u>5,000</u>
Fence (6' CLF)		<u>LF</u>	\$ <u>25.00</u>	\$
Decorative Property Fence (6')		<u>LF</u>	\$ <u>50.00</u>	\$
Restroom		<u>LS</u>	\$ <u>80,000.00</u>	\$
Lanscaping and Irrigation (northern property)		<u>acres</u>	\$ <u>50,000.00</u>	\$
Erosion Control	<u>1</u>	<u>LS</u>	\$ <u>25,000.00</u>	\$ <u>25,000</u>
Prepare SWPPP	<u>1</u>	<u>LS</u>	\$ <u>3,000.00</u>	\$ <u>3,000</u>
Construction Site Management	<u>1</u>	<u>LS</u>	\$ <u>10,000.00</u>	\$ <u>10,000</u>
			Subtotal Specialty Items \$	<u>321,610</u>

Section 5 Traffic Items

Lighting	<u>1</u>	<u>LS</u>	\$ <u>5,000.00</u>	\$ <u>5,000</u>
Signals				
Parking Lot Lighting		<u>LS</u>	\$	\$
Signing	<u>1</u>	<u>LS</u>	\$ <u>5,000.00</u>	\$ <u>5,000</u>
Striping	<u>1</u>	<u>LS</u>	\$ <u>2,500.00</u>	\$ <u>2,500</u>
Traffic Control System	<u>1</u>	<u>LS</u>	\$ <u>10,000.00</u>	\$ <u>10,000</u>
			Subtotal Traffic Items \$	<u>22,500</u>
			TOTAL SECTIONS 1 thru 5 \$	<u>596,524</u>

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Project Dry Creek Greenway Multi-Use Trail
 Option 5C
 Project No. 6ROS012500

<u>Section 6 Minor Items</u>		<u>Item Cost</u>	<u>Section Cost</u>
Subtotal Sections 1 thru 5	\$ <u>596,524</u>	x 5% = \$ <u>29,826</u>	
		TOTAL MINOR ITEMS \$	<u>29,826</u>
<u>Section 7 Roadway Mobilization</u>			
Subtotal Sections 1 thru 6	\$ <u>626,350</u>	x 10% = \$ <u>62,635</u>	
		TOTAL ROADWAY MOBILIZATION \$	<u>62,635</u>
<u>Section 8 Roadway Additions</u>			
Supplemental Work:	\$ <u>626,350</u>	x 5% = \$ <u>31,318</u>	
			\$ <u>31,318</u>
Contingencies:	\$ <u>626,350</u>	x 15% = \$ <u>93,953</u>	
			\$ <u>93,953</u>
		TOTAL ROADWAY ADDITIONS \$	<u>125,270</u>
		TOTAL ROADWAY ITEMS \$	<u>814,255</u>
		(Subtotal Sections 1 thru 8)	
		USE \$	<u>814,000</u>

Estimate Prepared By B Wright
 Estimate Checked By T Hayes

Phone No. 916-788-8122
 Phone No. 916-788-8122

Date 6/3/2013
 Date 6/3/2013

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Project	<u>Dry Creek Greenway Multi-Use Trail</u>
Option	<u>5C</u>
Project No.	<u>6ROS012500</u>

II. STRUCTURE ITEMS

Bridge Name	<u>Bridge #13</u>		
Structure Type	<u>Conc Slab</u>		
Width (out to out) - (ft)	<u>16</u>		
Span Lengths - (ft)	<u>80</u>		
Total Area - (ft ²)	<u>1280</u>		
Skew Angle			
Footing Type (pile/spread)	<u>Piles and Spread</u>		
Cost Per ft ² (incl. 10% mobilization and 25% contingency)	\$ <u>250</u>	\$ <u>200</u>	\$ _____
Total Cost for Structure	\$ <u>256,000</u>	\$ _____	\$ <u>256,000</u>

Structure Name	_____		
Structure Type	_____		
Cell Dimensions (H x W)	_____	_____	
Length - (ft)	_____	_____	
Cost Per m (incl. 10% mobilization and 25% contingency)			\$ _____
Total Cost for Structure			\$ _____

SUBTOTAL STRUCTURES ITEMS \$ 256,000
(Sum of Total Cost for Structures)

Railroad Related Costs:	_____	\$ _____
	_____	\$ _____

SUBTOTAL RAILROAD ITEMS \$ _____

TOTAL STRUCTURES ITEMS \$ 256,000
(Sum of Structures Items plus Railroad Items)
USE \$ 256,000

Estimate Prepared By B Wright Phone No. 916-788-8122 Date 6/3/2013

PRELIMINARY PROJECT COST ESTIMATE SUMMARY

Project Dry Creek Greenway Multi-Use Trail
 Option 5C
 Project No. 6ROS012500

III. RIGHT OF WAY ITEMS

	Current Value (Future Use)	Escalation Rate/year	Escalated Value
A. Acquisition, including excess lands, damages to remainder(s) and Goodwill.	\$ <u>12,204</u>	<u>0%</u>	\$ <u>12,204</u>
B. Mitigation acquisition & credits	\$ _____	_____	\$ _____
C. Project Development Permit Fees	\$ _____	_____	\$ _____
D. Utility Relocation (City share)	\$ <u>5,000</u>	<u>5.0%</u>	\$ <u>5,250</u>
E. Relocation Assistance	\$ _____	_____	\$ _____
F. Clearance/Demolition	\$ _____	_____	\$ _____
G. Title and Escrow Fees	\$ _____	<u>5.0%</u>	\$ _____
TOTAL RIGHT OF WAY \$	<u>17,204</u>		
(Current Value)			
	TOTAL RIGHT OF WAY ITEMS		\$ <u>17,454</u>
	(Escalated Value)		
	ROUNDED		\$ <u>17,000</u>

Anticipated Date of Right of Way Certification
 (Date to which Values are Escalated) _____

F. Construction Contract Work

Brief Description of Work:

Right of Way Branch Cost Estimate for Work \$ _____

COMMENTS:

Estimate Prepared By B Wright Phone No. 916-788-8122 Date 6/3/2013