PROJECT

PLANNING COST ESTIMATE

EA: DS-123456 PID: DS1234567

EA: **DS-123456**

PID: **DS1234567**

District-County-Route: 04-SON-NA

PM: NA

Type of Estimate : Planning Level

Program Code : NA

Project Limits : Caulfield Lane Extension & Bridge

Project Description: Caulfield Lane Extension & Bridge - City of Petaluma's "Southern Connection"

Scope :

Alternative : Preferred - Single Span - Dual Rolling Leaf Bascule Bridge w/Overhead Counterweight; 200' Horiz Clear

SUMMARY OF PROJECT COST ESTIMATE

	Current Year Cost	Escalated Cost
TOTAL ROADWAY COST	$ 2,777,321	$ 3,040,738
TOTAL STRUCTURES COST	$ 28,532,930	$ 31,239,156
SUBTOTAL CONSTRUCTION COST	$ 31,310,251	$ 34,279,894
TOTAL RIGHT OF WAY COST	$ -	$ -
TOTAL CAPITAL OUTLAY COSTS	$ 31,311,000	$ 34,280,000
PR/ED SUPPORT	$ 750,000	$ 750,000
PS&E SUPPORT	$ 3,925,000	$ 3,925,000
RIGHT OF WAY SUPPORT	$ 200,000	$ 200,000
CONSTRUCTION SUPPORT	$ 3,750,000	$ 3,750,000
TOTAL SUPPORT COST	$ 8,625,000	$ 8,625,000
TOTAL PROJECT COST	$ 39,950,000	$ 42,950,000

If Project has been programmed enter Programmed Amount

	Month	/	Year
Date of Estimate (Month/Year)	11	/	2021
Estimated Construction Start (Month/Year)	1	/	2024
Number of Working Days =			652.5
Estimated Mid-Point of Construction (Month/Year)	3	/	2025
Estimated Construction End (Month/Year)	6	/	2026
Number of Plant Establishment Days			0

Estimated Project Schedule

PID Approval	xx/xx/xxxx
PA/ED Approval	xx/xx/xxxx
PS&E	xx/xx/xxxx
RTL	xx/xx/xxxx
Begin Construction	xx/xx/xxxx

Reviewed by District O.E. or Cost Estimate Certifier

	xx/xx/xxxx	(xxx) xxx-xxxx
Office Engineer / Cost Estimate Certifier	**Date**	**Phone**

Approved by Project Manager

	xx/xx/xxxx	(xxx) xxx-xxxx
Project Manager	**Date**	**Phone**

I. ROADWAY ITEMS SUMMARY

	Section		Cost
1	**Earthwork**	$	46,500
2	**Pavement Structural Section**	$	198,521
3	**Drainage**	$	42,800
4	**Specialty Items**	$	15,000
5	**Environmental**	$	259,700
6	**Traffic Items**	$	103,000
7	**Detours**	$	-
8	**Minor Items**	$	103,200
9	**Roadway Mobilization**	$	76,900
10	**Supplemental Work**	$	78,500
11	**State Furnished**	$	30,800.00
12	**Time-Related Overhead**	$	1,359,500.00
13	**Roadway Contingency**	$	462,900.00
	TOTAL ROADWAY ITEMS	**$**	**2,777,321**

Estimate Prepared By :

Name and Title | Date | Phone

Estimate Reviewed By :

Name and Title | Date | Phone

By signing this estimate you are attesting that you have discussed your project with all functional units and have incorporated all their comments or have discussed with them why they will not be incorporated.

EA: DS-123456 PID: DS1234567

SECTION 1: EARTHWORK

Item code		Unit	Quantity		Unit Price ($)			Cost
190101	Roadway Excavation	CY	200	x	100.00	=	$	20,000
19010X	Roadway Excavation (Type X) ADL	CY		x	120.00	=	$	-
194001	Ditch Excavation	CY		x		=	$	-
19801X	Imported Borrow	CY		x	5.00	=	$	-
192037	Structure Excavation (Retaining Wall)	CY		x	100.00	=	$	-
193013	Structure Backfill (Retaining Wall)	CY		x	80.00	=	$	-
193031	Pervious Backfill Material (Retaining Wall)	CY		x		=	$	-
16010X	Clearing & Grubbing	LS	1	x	15,000.00	=	$	15,000
170101	Develop Water Supply	LS	1	x	10,000.00	=	$	10,000
						=	$	-
210130	Duff	ACRE	1	x	1,500.00	=	$	1,500
XXXXXX	Some Item	Unit						

TOTAL EARTHWORK SECTION ITEMS	$	46,500

SECTION 2: PAVEMENT STRUCTURAL SECTION

Item code		Unit	Quantity		Unit Price ($)			Cost	
401050	Jointed Plain Concrete Pavement	CY		x		=	$	-	
400050	Continuously Reinforced Concrete Pavement	CY		x		=	$	-	
404092	Seal Pavement Joint	LF		x		=	$	-	
404093	Seal Isolation Joint	LF		x		=	$	-	
413117	Seal Concrete Pavement Joint (Silicone)	LF		x		=	$	-	
413118	Seal Pavement Joint (Asphalt Rubber)	LF		x		=	$	-	
280010	Rapid Strength Concrete Base	CY		x		=	$	-	
410095	Dowel Bar (Drill and Bond)	EA		x		=	$	-	THK
390132	Hot Mix Asphalt (Type A)	TON	323	x	220.00	=	$	71,060	0.50'
390137	Rubberized Hot Mix Asphalt (Gap Graded)	TON	97	x	250.00	=	$	24,250	0.15'
39300X	Geosynthetic Pavement Interlayer (Type X)	SQYD		x		=	$	-	
260203	Class 2 Aggregate Base	CY	582	x	160.00	=	$	93,120	0.90'
290201	Asphalt Treated Permeable Base	CY		x		=	$	-	
250201	Class 2 Aggregate Subbase	CY	647	x	105.00	=	$	67,935	1.00'
374002	Asphaltic Emulsion (Fog Seal Coat)	TON		x		=	$	-	
397005	Tack Coat	TON	0.44	x	2,000.00	=	$	880	
377501	Slurry Seal	TON		x		=	$	-	
3750XX	Screenings (Type XX)	TON		x		=	$	-	
374492	Asphaltic Emulsion (Polymer Modified)	TON		x		=	$	-	
370001	Sand Cover (Seal)	TON		x		=	$	-	
731521	Minor Concrete (Sidewalk)	SQFT	3,464	x	8.00	=	$	27,712	
730020	Minor Concrete (Curb)	LF	377	x	30.00	=	$	11,310	
39407X	Place Hot Mix Asphalt Dike (Type X)	LF		x		=	$	-	
150771	Remove Asphalt Concrete Dike	LF		x		=	$	-	
420201	Grind Existing Concrete Pavement	SQYD		x		=	$	-	
150860	Remove Base and Surfacing	CY		x		=	$	-	
390095	Replace Asphalt Concrete Surfacing	CY		x		=	$	-	
15312X	Remove Concrete	LF/CY/LS		x		=	$	-	
394090	Place Hot Mix Asphalt (Miscellaneous Area)	SQYD		x		=	$	-	
153103	Cold Plane Asphalt Concrete Pavement	SQYD		x		=	$	-	
39405X	Shoulder Rumble Strip (HMA, X-In Indentations)	STA		x		=	$	-	
413113	Repair Spalled Joints, Polyester Grout	SQYD		x		=	$	-	
420102	Groove Existing Concrete Pavement	SQYD		x		=	$	-	
390136	Minor Hot Mix Asphalt	TON		x		=	$	-	
394095	Roadside Paving (Miscellaneous Areas)	SQYD		x		=	$	-	
XXXXXX	Some Item	Unit		x		=	$	-	

TOTAL PAVEMENT STRUCTURAL SECTION ITEMS	$	198,521

SECTION 3: DRAINAGE

Item code		Unit	Quantity		Unit Price ($)			Cost
15080X	Remove Culvert	EA/LF		x		=	$	-
150820	Modify Inlet	EA		x		=	$	-
155232	Sand Backfill	CY		x		=	$	-
15020X	Abandon Culvert	EA/LF		x		=	$	-
152430	Adjust Inlet	LF		x		=	$	-
155003	Cap Inlet	EA		x		=	$	-
510501	Minor Concrete	CY		x		=	$	-
510502	Minor Concrete (Minor Structure)	CY		x		=	$	-
5105XX	Minor Concrete (Type XX)	CY		x		=	$	-
620XXX	18" Alternative Pipe Culvert (Type X)	LF	240	x	120.00	=	$	28,800
6411XX	XX" Plastic Pipe	LF		x		=	$	-
65XXXX	XX" Reinforced Concrete Pipe (Type X)	LF		x		=	$	-
6650XX	XX" Corrugated Steel Pipe (0.XXX" Thick)	LF		x		=	$	-
68XXXX	XX" Plastic Pipe (Edge Drain)	LF		x		=	$	-
69011X	XX" Corrugated Steel Pipe Downdrain (0.XXX" Thi	LF		x		=	$	-
70321X	XX" Corrugated Steel Pipe Inlet (0.XXX" Thick)	LF		x		=	$	-
70XXXX	XX" Corrugated Steel Pipe Riser (0.XXX" Thick)	LF		x		=	$	-
7050XX	XX" Steel Flared End Section	EA		x		=	$	-
703233	Grated Line Drain	LF		x		=	$	-
72XXXX	Rock Slope Protection (Type and Method)	CY/TON		x		=	$	-
72901X	Rock Slope Protection Fabric (Class X)	SQYD		x		=	$	-
721420	Concrete (Ditch Lining)	CY		x		=	$	-
721430	Concrete (Channel Lining)	CY		x		=	$	-
750001	Miscellaneous Iron and Steel	LB		x		=	$	-
XXXXXX	Drainage Inlet	EA	4	x	3,500.00	=	$	14,000

TOTAL DRAINAGE ITEMS	**$**	**42,800**

SECTION 4: SPECIALTY ITEMS

Item code		Unit	Quantity		Unit Price ($)			Cost
080050	Progress Schedule (Critical Path Method)	LS	1	x	15,000.00	=	$	15,000
582001	Sound Wall (Masonry Block)	SQFT		x		=	$	-
510530	Minor Concrete (Wall)	CY		x		=	$	-
15325X	Remove Sound Wall	LF/LS		x		=	$	-
070030	Lead Compliance Plan	LS		x		=	$	-
141120	Treated Wood Waste	LB		x		=	$	-
153221	Remove Concrete Barrier	LF		x		=	$	-
150662	Remove Metal Beam Guard Railing	LF		x		=	$	-
150668	Remove Flared End Section	EA		x		=	$	-
8000XX	Chain Link Fence (Type XX)	LF		x		=	$	-
80XXXX	XX" Chain Link Gate (Type CL-6)	EA		x		=	$	-
832001	Metal Beam Guard Railing	LF		x		=	$	-
839301	Single Thrie Beam Barrier	LF		x		=	$	-
839310	Double Thrie Beam Barrier	LF		x		=	$	-
839521	Cable Railing	LF		x		=	$	-
8395XX	Terminal System (Type CAT)	EA		x		=	$	-
839585	Alternative Flared Terminal System	EA		x		=	$	-
839584	Alternative In-line Terminal System	EA		x		=	$	-
4906XX	CIDH Concrete Piling (Insert Diameter)	LF		x		=	$	-
839XXX	Crash Cushion (Insert Type)	EA		x		=	$	-
83XXXX	Concrete Barrier (Insert Type)	LF		x		=	$	-
520103	Bar Reinforced Steel (Retaining Wall)	LB		x		=	$	-
510060	Structural Concrete, Retaining Wall	CY		x		=	$	-
513553	Retaining Wall (Masonry Wall)	SQFT		x		=	$	-
511035	Architectural Treatment	SQFT		x		=	$	-
598001	Anti-Graffiti Coating	SQFT		x		=	$	-
203070	Rock Stain	SQFT		x		=	$	-
5136XX	Reinforced Concrete Crib Wall (Type X)	SQFT		x		=	$	-
83954X	Transition Railing (Type X)	EA		x		=	$	-
597601	Prepare and Stain Concrete	SQFT		x		=	$	-
839561	Rail Tensioning Assembly	EA		x		=	$	-
83958X	End Anchor Assembly (Type X)	EA		x		=	$	-
XXXXXX	Some Item	Unit		x		=	$	-

TOTAL SPECIALTY ITEMS	**$**	**15,000**

SECTION 5: ENVIRONMENTAL

5A - ENVIRONMENTAL MITIGATION

Item code		Unit	Quantity		Unit Price ($)			Cost
	Biological Mitigation	LS	1	x	50,000.00	=	$	50,000
130670	Temporary Reinforced Silt Fence	LF	600	x	6.00	=	$	3,600
141000	Temporary Fence (Type ESA)	LF	600	x	15.00	=	$	9,000
							Subtotal Environmental Mitigation	$ 62,600

5B - LANDSCAPE AND IRRIGATION

Item code		Unit	Quantity		Unit Price ($)			Cost
20XXXX	Highway Planting	LS	1	x	40,000.00	=	$	40,000
20XXXX	Irrigation System	LS	1	x	30,000.00	=	$	30,000
204099	Plant Establishment Work	LS		x		=	$	-
204101	Extend Plant Establishment Work	LS		x		=	$	-
20XXXX	Follow-up Landscape Project	LS		x		=	$	-
150685	Remove Irrigation Facility	LS		x		=	$	-
20XXXX	Maintain Existing (Irrigation or Planted Areas)	LS		x		=	$	-
206400	Check and Test Existing Irrigation Facilities	LS		x		=	$	-
21011X	Imported Topsoil (X)	CY/TON		x		=	$	-
20XXXX	Rock Blanket, Rock Mulch, DG, Gravel Mulch	SQFT/SQYD		x		=	$	-
200122	Weed Germination	SQYD		x		=	$	-
208304	Water Meter	EA		x		=	$	-
2087XX	XX" Conduit (Use for Irrigation x-overs)	LF		x		=	$	-
20890X	Extend X" Conduit (Use for Extension of Irrigation x-overs)	LF		x		=	$	-
							Subtotal Landscape and Irrigation	$ 70,000

5C - EROSION CONTROL

Item code		Unit	Quantity		Unit Price ($)			Cost
210010	Move In/Move Out (Erosion Control)	EA	2	x	25,000.00	=	$	50,000
210350	Fiber Rolls	LF	500	x	3.00	=	$	1,500
210360	Compost Sock	LF		x		=	$	-
2102XX	Rolled Erosion Control Product (X)	SQFT		x		=	$	-
21025X	Bonded Fiber Matrix	SQFT/ACRE		x		=	$	-
210300	Hydromulch	SQFT	12,000	x	0.75	=	$	9,000
210420	Straw	SQFT		x		=	$	-
210430	Hydroseed	SQFT	12,000	x	0.30	=	$	3,600
210600	Compost	SQFT		x		=	$	-
210630	Incorporate Materials	SQFT		x		=	$	-
							Subtotal Erosion Control	$ 64,100

5D - NPDES

Item code		Unit	Quantity		Unit Price ($)			Cost
130300	Prepare SWPPP	LS	1	x	15,000.00	=	$	15,000
130200	Prepare WPCP	LS	1	x	7,500.00	=	$	7,500
130100	Job Site Management	LS	1	x	20,000.00	=	$	20,000
130330	Storm Water Annual Report	EA	2	x	5,000.00	=	$	10,000
130310	Rain Event Action Plan (REAP)	EA	10	x	500.00	=	$	5,000
130320	Storm Water Sampling and Analysis Day	EA		x		=	$	-
130520	Temporary Hydraulic Mulch	SQYD		x		=	$	-
130550	Temporary Hydroseed	SQYD		x		=	$	-
130505	Move-In/Move-Out (Temporary Erosion Control)	EA	1	x	5,500.00	=	$	5,500
130640	Temporary Fiber Roll	LF		x		=	$	-
130900	Temporary Concrete Washout	LS		x		=	$	-
130710	Temporary Construction Entrance	EA		x		=	$	-
130610	Temporary Check Dam	LF		x		=	$	-
130620	Temporary Drainage Inlet Protection	EA		x		=	$	-
130730	Street Sweeping	LS		x		=	$	-
							Subtotal NPDES	$ 63,000

TOTAL ENVIRONMENTAL	**$**	**259,700**

Supplemental Work for NPDES

066595	Water Pollution Control Maintenance Sharing*	LS		x		=	$	-
066596	Additional Water Pollution Control**	LS		x		=	$	-
066597	Storm Water Sampling and Analysis***	LS	1	x	15,000.00	=	$	15,000
XXXXXX	Some Item	LS		x		=	$	-
							Subtotal Supplemental Work for NDPS	$ 15,000

*Applies to all SWPPPs and those WPCPs with sediment control or soil stabilization BMPs.

**Applies to both SWPPPs and WPCP projects.

*** Applies only to project with SWPPPs.

SECTION 6: TRAFFIC ITEMS

6A - Traffic Electrical

Item code		Unit	Quantity		Unit Price ($)			Cost
860460	Lighting and Sign Illumination	LS	1	x	50,000.00	=	$	50,000
860201	Signal and Lighting	LS		x		=	$	-
860990	Closed Circuit Television System	LS		x		=	$	-
86110X	Ramp Metering System (Location X)	LS		x		=	$	-
86070X	Interconnection Conduit and Cable	LF/LS		x		=	$	-
5602XX	Furnish Sign Structure (Type X)	LB		x		=	$	-
5602XX	Install Sign Structure (Type X)	LB		x		=	$	-
498040	XX" CIDHC Pile (Sign Foundation)	LF		x		=	$	-
86080X	Inductive Loop Detectors	EA/LS		x		=	$	-
8609XX	Traffic Monitoring Station (Type X)	LS		x		=	$	-
15075X	Remove Sign Structure	EA/LS		x		=	$	-
151581	Reconstruct Sign Structure	EA		x		=	$	-
152641	Modify Sign Structure	EA		x		=	$	-
860090	Maintain Existing Traffic Management System Ele	LS		x		=	$	-
86XXXX	Fiber Optic Conduit System	LS		x		=	$	-
XXXXX	Some Item	LS		x		=	$	-

Subtotal Traffic Electrical *$* *50,000*

6B - Traffic Signing and Striping

Item code		Unit	Quantity		Unit Price ($)			Cost
566011	Roadside Sign - One Post	EA	10	x	300.00	=	$	3,000
566012	Roadside Sign - Two Post	EA		x		=	$	-
5602XX	Furnish Sign	SQFT		x		=	$	-
568016	Install Sign Panel on Existing Frame	SQFT		x		=	$	-
150711	Remove Painted Traffic Stripe	LF		x		=	$	-
141101	Remove Yellow Painted Traffic Stripe (Hazardous Waste)	LF		x		=	$	-
150712	Remove Painted Pavement Marking	SQFT		x		=	$	-
150742	Remove Roadside Sign	EA		x		=	$	-
152320	Reset Roadside Sign	EA		x		=	$	-
152390	Relocate Roadside Sign	EA		x		=	$	-
82010X	Delineator (Class X)	EA		x		=	$	-
840502	Thermoplastic Traffic Stripe (Enhanced Wet Night	LF		x		=	$	-
846012	Thermoplastic Crosswalk and Pavement Marking (	SQFT		x		=	$	-
120090	Construction Area Signs	LS		x		=	$	-
84XXXX	Permanent Pavement Delineation	LS		x		=	$	-

Subtotal Traffic Signing and Striping *$* *3,000*

6C - Traffic Management Plan

Item code		Unit	Quantity		Unit Price ($)			Cost
12865X	Portable Changeable Message Signs	EA/LS		x		=	$	-

Subtotal Traffic Management Plan *$* *-*

6C - Stage Construction and Traffic Handling

Item code		Unit	Quantity		Unit Price ($)			Cost
120199	Traffic Plastic Drum	EA		x		=	$	-
12016X	Channelizer (Type X)	EA		x		=	$	-
120120	Type III Barricade	EA		x		=	$	-
129100	Temporary Crash Cushion Module	EA		x		=	$	-
120100	Traffic Control System	LS	1	x	50,000.00	=	$	50,000
129110	Temporary Crash Cushion	EA		x		=	$	-
129000	Temporary Railing (Type K)	LF		x		=	$	-
120149	Temporary Pavement Marking (Paint)	SQFT		x		=	$	-
82010X	Delineator (Class X)	EA		x		=	$	-
XXXXXX	Some Item	Unit		x		=	$	-

Subtotal Stage Construction and Traffic Handling *$* *50,000*

TOTAL TRAFFIC ITEMS **$** **103,000**

SECTION 7: DETOURS

Includes constructing, maintaining, and removal

Item code		Unit	Quantity		Unit Price ($)		Cost
190101	Roadway Excavation	CY		x		=	$ -
19801X	Imported Borrow	CY/TON		x		=	$ -
390132	Hot Mix Asphalt (Type A)	TON		x		=	$ -
26020X	Class 2 Aggregate Base	TON/CY		x		=	$ -
250401	Class 4 Aggregate Subbase	CY		x		=	$ -
130620	Temporary Drainage Inlet Protection	EA		x		=	$ -
129000	Temporary Railing (Type K)	LF		x		=	$ -
128601	Temporary Signal System	LS		x		=	$ -
120149	Temporary Pavement Marking (Paint)	SQFT		x		=	$ -
80010X	Temporary Fence (Type X)	LF		x		=	$ -
XXXXXX	Some Item	Unit		x		=	$ -

TOTAL DETOURS **$ -**

SUBTOTAL SECTIONS 1 through 7 $ 665,521

SECTION 8: MINOR ITEMS

8A - Americans with Disabilities Act Items							
	ADA Items				2.5%	$	16,638
8B - Bike Path Items							
	Bike Path Items				5.0%	$	33,276
8C - Other Minor Items							
	Other Minor Items				8.0%	$	53,242
	Total of Section 1-7	$	665,521	x	15.5%	= $	103,156

TOTAL MINOR ITEMS **$ 103,200**

SECTIONS 9: MOBILIZATION

Item code							
999990	Total Section 1-8	$	768,721	x	10%	= $	76,873

TOTAL MOBILIZATION **$ 76,900**

SECTION 10: SUPPLEMENTAL WORK

Item code		Unit	Quantity		Unit Price ($)		Cost
066670	Payment Adjustments For Price Index Fluctuations	LS		x		=	$ -
066094	Value Analysis	LS		x		=	$ -
066070	Maintain Traffic	LS		x		=	$ -
066919	Dispute Resolution Board	LS		x		=	$ -
066921	Dispute Resolution Advisor	LS		x		=	$ -
066015	Federal Trainee Program	LS		x		=	$ -
066610	Partnering	LS		x		=	$ -
066204	Remove Rock and Debris	LS		x		=	$ -
066222	Locate Existing Crossover	LS		x		=	$ -
XXXXXX	Some Item	LS	1	x	25,000.00	=	$ 25,000
	*Cost of **NPDES** Supplemental Work specified in Section 5D*					=	$ 15,000
	Total Section 1-8	$	768,721		5%	=	$ 38,437

TOTAL SUPPLEMENTAL WORK **$ 78,500**

SECTION 11: STATE FURNISHED MATERIALS AND EXPENSES

Item code		Unit	Quantity		Unit Price ($)		Cost
066105	Resident Engineers Office	LS		x		=	$0
066063	Traffic Management Plan - Public Information	LS		x		=	$0
066901	Water Expenses	LS		x		=	$0
8609XX	Traffic Monitoring Station (X)	LS		x		=	$0
066841	Traffic Controller Assembly	LS		x		=	$0
066840	Traffic Signal Controller Assembly	LS		x		=	$0
066062	COZEEP Contract	LS		x		=	$0
066838	Reflective Numbers and Edge Sealer	LS		x		=	$0
066065	Tow Truck Service Patrol	LS		x		=	$0
066916	Annual Construction General Permit Fee	LS		x		=	$0
XXXXXX	Some Item	Unit		x		=	$0

Total Section 1-8	$	768,721	4%	= $	30,749

TOTAL STATE FURNISHED	**$30,800**

SECTION 12: TIME-RELATED OVERHEAD

Total of Roadway and Structures Contract Items excluding Mobilization	$27,188,100	(used to calculate TRO)
Total Construction Cost (excluding TRO and Contingency)	$29,487,851	(used to check if project is greater than $5 million excluding contingency)

Estimated Time-Related Overhead (TRO) Percentage (0% to 10%) = **5%**

Item code		Unit	Quantity		Unit Price ($)		Cost
070018	Time-Related Overhead	WD	653	X	$2,084	=	$1,359,500

TOTAL TIME-RELATED OVERHEAD	**$1,359,500**

Note: If the building portion of the project is greater than 50% of the total project cost, then TRO is not included.

SECTION 13: ROADWAY CONTINGENCY

Recommended Contingency: (Pre-PSR 30%-50%, PSR 25%, Draft PR 20%, PR 15%, after PR approval 10%, Final PS&E 5%)

Total Section 1-12	$	2,314,421	x	**20%**	=	$462,885

TOTAL CONTINGENCY	**$462,900**

EA: DS-123456 PID: DS1234567

II. STRUCTURE ITEMS

	Bridge 1		Bridge 2		
DATE OF ESTIMATE	11/19/21		11/19/21		00/00/00
Bridge Name	Caulfield		Caulfield		xxxxxxxxxxxxxxxxxx
Bridge Number	C20-XX1		C20-XX1		57-XXX
Structure Type	Rolling Dbl-Leaf Bascule		6'-0" Cantilever Walkway		xxxxxxxxxxxxxxxxxx
Width (Feet) [out to out]	37 LF		12 LF		0 LF
Total Bridge Length (Feet)	293 LF		293 LF		0 LF
Total Area (Square Feet)	10920 SQFT		3516 SQFT		0 SQFT
Structure Depth (Feet)	4 FT		2 FT		0 LF
Footing Type (pile or spread)	CIDH		Super-structure		xxxxxxxxxxxxxxxxxx
Cost Per Square Foot	$1,855		$250		$0
COST OF EACH	**$20,256,504**		**$879,000**		**$0**

DATE OF ESTIMATE	00/00/00		00/00/00		00/00/00
Name	xxxxxxxxxxxxxxxxxx		xxxxxxxxxxxxxxxxxx		xxxxxxxxxxxxxxxxxx
Bridge Number	57-XXX		57-XXX		57-XXX
Structure Type	xxxxxxxxxxxxxxxxxx		xxxxxxxxxxxxxxxxxx		xxxxxxxxxxxxxxxxxx
Width (Feet) [out to out]	0 LF		0 LF		0 LF
Total Length (Feet)	0 LF		0 LF		0 LF
Total Area (Square Feet)	0 SQFT		0 SQFT		0 SQFT
Structure Depth (Feet)	0 LF		0 LF		0 LF
Footing Type (pile or spread)	xxxxxxxxxxxxxxxxxx		xxxxxxxxxxxxxxxxxx		xxxxxxxxxxxxxxxxxx
Cost Per Square Foot	$100		$0		$0
COST OF EACH	**$0**		**$0**		**$0**

TOTAL COST OF BRIDGES	**$21,135,504**
TOTAL COST OF BUILDINGS	**$0**

Structures Mobilization Percentage	10%	**$2,113,550**

Recommended Contingency: **(Pre-PSR 30%-50%**, PSR 25%, Draft PR 20%, PR 15%, after PR approval 10%, Final PS&E 5%)

Structures Contingency Percentage	25%	**$5,283,876**

TOTAL COST OF STRUCTURES	**$28,532,930**

Estimate Prepared By: _____ _____

XXXXXXXXXXXXXXXX ------ Division of Structures — Date

EA: DS-123456 PID: DS1234567

III. RIGHT OF WAY

Fill in all of the available information from the Right of Way data sheet.

A)	A1)	Acquisition, including Excess Land Purchases, Damages & Goodwill, Fees	$	0
	A2)	SB-1210	$	0
B)		Acquisition of Offsite Mitigation	$	0
C)	C1)	Utility Relocation (State Share)	$	0
	C2)	Potholing (Design Phase)	$	0
D)		Railroad Acquisition	$	0
E)		Clearance / Demolition	$	0
F)		Relocation Assistance (RAP and/or Last Resort Housing Costs)	$	0
G)		Title and Escrow	$	0
H)		Environmental Review	$	0
I)		Condemnation Settlements 0%	$	0
J)		Design Appreciation Factor 0%	$	0
K)		Utility Relocation (Construction Cost)	$	0

L)	**TOTAL RIGHT OF WAY ESTIMATE**	**$0**
M)	**TOTAL R/W ESTIMATE: Escalated**	
N)	**RIGHT OF WAY SUPPORT**	**$200,000**

Support Cost Estimate Prepared By _____ Project Coordinator[1] _____ Phone

Utility Estimate Prepared By _____ Utiliy Coordinator[2] _____ Phone

R/W Acquistion Estimate Prepared By _____ Right of Way Estimator[3] _____ Phone

Note: Items G & H applied to items A + B

[1] When estimate has Support Costs only [2] When estimate has Utility Relocation [3] When R/W Acquisition is required

DO NOT PRINT THIS SHEET AS PART OF COST ESTIMATE ATTACHMENT TO PROJECT INITIATION OR APPROVAL DOCUMENTS.

EA: DS-123456 PID: DS1234567

IV. SUPPORT COST ESTIMATE SUMMARY

Note: Use PRSM project data.

Total by FY		Escalated Support Cost for Estimate To Completion (ETC)				
		PA&ED	PS&E	RW	CON	Total $
< 2015	Expended					
	ETC					
2016	Expended					
	ETC					
2017	Expended					
	ETC					
2018	Expended					
	ETC					
2019	Expended					
	ETC					
2020	Expended	$200,000				$200,000
	ETC					
2021	Expended	$100,000				$1,300,000
	ETC	$450,000	$750,000			
2022	Expended					$1,950,000
	ETC		$1,950,000			
2023	Expended					$750,000
	ETC		$550,000	$200,000		
2024	Expended					$2,000,000
	ETC		$250,000		$1,750,000	
2025	Expended					$2,000,000
	ETC		$250,000		$1,750,000	
2026	Expended					$425,000
	ETC		$175,000		$250,000	
2027	Expended					
	ETC					
2028	Expended					
	ETC					
2029	Expended					
	ETC					
2030 >	Expended					
	ETC					
EAC (Expended + ETC)		$750,000	$3,925,000	$200,000	$3,750,000	$8,625,000
Approved Budget (PRSM)						
Difference (Budget - EAC)		-$750,000	-$3,925,000	-$200,000	-$3,750,000	-$8,625,000
Support Ratio (EAC / Cap Cost)		2.4%	12.5%	0.6%	12.0%	27.5%

Total Capital Cost:	**$31,311,000**
Total Capital Outlay Support Cost:	**$8,625,000**
Overall Percent Support Cost:	**27.55%**

PRSM workplan hours/costs verified against approved MWA:

Office Chief - _____ Date _____

Approved by:

Project Control - _____ Date _____