	District-County-Route_	
	KP(PM)	
	EA_	
	Program Code_	
PROJECT DESCRI	PTION:	
Limits: From 50	00 ft south to 1000 ft north of US 50 Mainline	
Proposed Improvement	ent (Scope): Interchange Improvements Year 2025	
Bass Lake Road	Interchange - Undercrossing Widening	
SUMMARY OF I	PROJECT COST ESTIMATE (2005 Unit Prices)
TOTAL	L ROADWAY ITEMS	\$8,900,000
TOTAL	L STRUCTURE ITEMS	\$5,000,000
	SUBTOTAL CONSTRUCTION COSTS	\$13,900,000
TOTAL	L RIGHT OF WAY ITEMS	\$500,000
	TOTAL PROJECT CAPITAL OUTLAY COSTS	\$14 400 000

Training Level Cost Estimate	District-County-Route					
	KP(PM)					
				EA _		
I. ROADWAY ITEMS						
Section 1 Earthwork	Quantity	Unit	Unit Price	Item Cost	Section Cost	
Roadway Excavation	36,644		\$15	\$549,660	Section Cost	
Mass Cut & Haul	22,057		\$15	\$330,855		
Mass Fill/ use excess cut)	44,111		\$15	\$661,665		
Clearing & Grubbing		LS	\$50,000	\$50,000		
Develop Water Supply	1	LS	\$15,000	\$15,000		
Section 2 Pavement Structural Section*			Subtot	al Earthwork	\$1,607,180	
Asphalt Concrete	17,956	Ton	\$60	\$1,077,360		
Lean Concrete Base						
Cement-Treated Base						
Aggregate Base	27,554	CY	\$30	\$826,620		
Treated Permeable Base						
Aggregate Subbase						
Pavement Reinforcing Fabric						
Edge Drains						
Concrete						
	Sut	total Pa	avement Struc	etural Section	\$1,903,980	
Section 3 Drainage				_		
Large Drainage Facilities						
Storm Drains	1	LS	\$150,000	\$150,000		
Pumping Plants	-					
Project Drainage	-					
(X-Drains, overside, etc.)						
			Contra	otal Duoina aa	¢150,000	
			Subto	otal Drainage _	\$150,000	

	District-County-Route					
			KP(PM)			
				EA		
Section 4 Specialty Items Retaining Walls	Quantity	<u>Unit</u> SF	Unit Price \$125	Item Cost	Section Cost	
Noise Barriers		<u> </u>	Ψ123			
Barriers and Guardrails	1,000	LF	\$50	\$50,000		
Equipment/Animal Passes			<u> </u>			
Highway Planting						
Replacement Planting						
Irrigation Modification						
Relocate Private Irrigation Facilities						
Erosion Control		SY	\$1			
Slope Protection						
Water Pollution Control	1	LS	\$180,000	\$180,000		
Hazardous Waste Mitigation Work						
Environmental Mitigation		T. C.	Φ50.000	Φ50,000		
Resident Engineer Office Space	1	LS	\$50,000	\$50,000		
Landscaping Fence Relocation	1	LS				
rence Relocation						
			Subtotal Sp	ecialty Items	\$280,000	
Section 5 Traffic Items			Suctous Sp	_	Ψ200,000	
Lighting	1	LS	\$100,000	\$100,000		
Traffic Delineation Items	34825	LF	\$1	\$34,825		
Traffic Signal	3	EA	\$150,000	\$450,000		
Overhead Sign Structures						
Roadside Signs		ea				
Traffic Control Systems (ramp meters)	2	EA	\$80,000	\$160,000		
Transportation Management Plan	1	LS	\$500,000	\$500,000		
	·		Subtotal	Traffic Items	\$1,244,825	2
			TOTAL SECT	ION 1 thru 5	\$5,185,985.00	

		Dis	strict-Coi	unty-Route KP(PM) EA	
Section 6 Minor Items	\$ 5,185,985 (Subtotal Sections 1 thru		=	<u>Item Cost</u> \$519,000	Section Cost
		TO	ΓAL MIN	OR ITEMS	\$519,000
Section 7 Roadway Mobiliza	s 5,704,985 (Subtotal Sections 1 thru		=	\$571,000	
	TO	TAL ROADWA	AY MOBI	LIZATION_	\$571,000
Section 8 Roadway Addition Supplemental Work	\$ 5,704,985 (Subtotal Sections 1 thru		=	\$571,000	
Contingencies	\$ 5,704,985 (Subtotal Sections 1 thru		=	\$1,997,000	
		TOTAL ROAI	OWAY A	DDITIONS _	\$2,568,000
		TOTAL (Subtotal S		AY ITEMS	\$8,843,985
Estimate Prepared By Ted	l Idlof	Phone :	# <u>(91</u>	6)784-3900	
Estimate Checked By		Phone :	#		

Planning Level Cost Estimat	e	Bass Lake Road/US
	District-County-Route KP(PM) EA	
II. STRUCTURES ITEMS		
Bridge Name	Bass Lake UC	
Structure Type		
New bridge width (Ft) total	assume detour structure between the two existing bridges	
Span Lengths (Ft)	140.0	
Total Area - (SF)	18,200	
Footing Type (pile/spread)		
Cost Per SF (incl. 10% mobilization and 25% contingency)	\$ 250.00	
Total Cost for Structure	\$ 4,550,000	
	SUBTOTAL STRUCTURES ITEMS \$4,550,000	
	(Sum of Total Cost for Structures)	
Seismic Retrofit	\$20.00	
Demolition	12300 \$35.00 \$430,500	EB 9100 WB 3000
	TOTAL STRUCTURES ITEMS \$4,980,000	
	(Sum of Structures Items plus Railroad Items)	
COMMENTS:	- · · · · · · · · · · · · · · · · · · ·	

For additional information, refer to the Advance Planning Study

Estimate Prepared By
Phone: 916 784-3900 Date

					District-County-Route KP(PM) EA	
III. RIGHT OF WAY IT	EMS	<u>SF</u>	<u>Unit</u>	<u>price</u>	ESCALATED VALUE	
A. Acquisition, included damages to remain	ling excess lands, der(s) and Goodwill		25300 \$	18.00	\$455,400	
B. Utility Relocation	(State share)			_		
C. Relocation Assista	nce			_		
D. Clearance/Demolit	ion			_		
E. Title and Escrow F	ees			_		
F. Construction Contr Brie	ract Work ef Description of Work	χ:		_		
	(Current	t Value)	ТО	TAL RIGHT OF WAY ITEMS	\$455,400
		(D	Anticipolate to which		e of Right of Way Certification e Escalated)	
	Right of Way Branc Fence Relocation * This dollar amount i Work, as appropriat	is to be	included in th	ne Roadwa	ay and/or Structures Items of Way Items.	
COMMENT				-		
	R/W areas furnished R/W unit costs furni		ý	Ţ	URS Corp	
Estimata Duaz ered De-		Dhar	o #		Ditti	
Estimate Prepared By	(Print Name)	_Phone	е #		Date:	