

Cordova Road Reconstruction Project - SH46 to SH 123
Sequin Texas
Guadalupe County
ENGINEER'S OPINION OF PROBABLE COST
February 14, 2019

FOR REVIEW ONLY
DO NOT USE FOR PERMITTING, BIDDING, OR
CONSTRUCTION.

DESCRIPTION		ENGLISH UNIT	ESTIMATED QUANTITY	PRICE PER UNIT	AMOUNT
STREET PAVED WIDTH (FT) = 61		18,000 = APPROXIMATELY LENGTH (FT)			
ROADWAY ITEMS					
100 6001	PREPARE RIGHT OF WAY	STA	18	\$ 6,202.00	\$ 111,636.00
105 6046	REMOVE STAB BASE & ASPH PAV (0-10")	SY	49,867	\$ 2.00	\$ 99,734.00
110 6001	UNCLASSIFIED EXCAVATION/ROADWAY	CY	81,956	\$ 11.00	\$ 901,516.00
	UNCLASSIFIED EXCAVATION/CHANNEL	CY	27,319	\$ 11.00	\$ 300,505.33
260 6002	LIME (HYDRATED LIME(SLURRY))	TON	300	\$ 51.20	\$ 15,360.00
	GEOGRID	SY	132,800	\$ 4.00	\$ 531,200.00
316 6447	15" LIMESTONE BASE, ITEM 247	CY	58,875	\$ 60.00	\$ 3,532,500.00
	4" HOT MIX ASPHALT PAVEMENT	SY	125,112	\$ 20.00	\$ 2,502,240.00
529 6036	9" RIBBON CURB	LF	37,400	\$ 20.30	\$ 759,220.00
531 6002	10' WIDE CONC MULTI-USE TRAIL (5" THICK)	SY	4,389	\$ 66.40	\$ 291,422.22
531 6004	CURB RAMPS (TY 1 or 7)	EA	26	\$ 1,431.00	\$ 37,206.00
	RESIDENTIAL DRIVEWAY APRON (INCLUDES CULV)	EA	25	\$ 10,000.00	\$ 250,000.00
	COMMERCIAL DRIVEWAY (INCLUDES CULV)	EA	12	\$ 25,650.00	\$ 307,800.00
	MUT STEEL BOLLARD	EA	50	\$ 1,250.00	\$ 62,500.00
	MODIFY EX. CULVERT (1ST CROSSING AFTER SH46)	LS	1	\$ 100,000.00	\$ 100,000.00
	MODIFY EX. CULVERT (AT CORDOVA LOOP)	LS	1	\$ 150,000.00	\$ 150,000.00
	MODIFY EX. CULVERT (ON CORDOVA LOOP)	LS	1	\$ 100,000.00	\$ 100,000.00
	STREET/DRAINAGE IMPROVEMENTS AT BARBAROSA	LS	1	\$ 70,000.00	\$ 70,000.00
	STREET/DRAINAGE IMPROVEMENTS AT HUBER	LS	1	\$ 70,000.00	\$ 70,000.00
	STREET/DRAINAGE IMPROVEMENTS - SH46	LS	1	\$ 100,000.00	\$ 100,000.00
	STREET/DRAINAGE IMRPOVEMENTS - SH123	LS	1	\$ 120,000.00	\$ 120,000.00
	RT TURN LANES (SH46 & SH123)	EA	4	\$ 100,000.00	\$ 400,000.00
	SIGNAL POLE w/LUMINAIRE	EA	8	\$ 150,000.00	\$ 1,200,000.00
	PEDESTRIAN SIGNALS & CONTROLS	EA	8	\$ 10,000.00	\$ 80,000.00
	PAVEMENT MARKINGS	LS	1	\$ 250,000.00	\$ 250,000.00
	SIGNAGE	LS	1	\$ 25,000.00	\$ 25,000.00
	SEEDING (TOP SOIL, DRILL SEED)	SY	40,000	\$ 2.85	\$ 114,000.00
	VEGETATIVE WATERING	MG	2,400	\$ 25.00	\$ 60,000.00
	SWPPP	LS	1	\$ 250,000.00	\$ 250,000.00
	TRAFFIC CONTROL	LS	1	\$ 500,000.00	\$ 500,000.00
	MOBILIZATION	LS	1	\$ 1,329,183.96	\$ 1,329,186.00
	CONTINGENCY 20%	LS	1		\$ 2,924,205.11
Opinion of Probable Road Construction Costs					\$ 17,546,200.00
PS&E, Construction Management, Right of Way Acquisition					
	PS&E Engineering (15%)				\$ 2,631,930.00
	Third Party Construction Management (5%)				\$ 877,310.00
	ROW Acquisition (70 FT x 18000 LF)	AC	29.0	\$ 27,000.00	\$ 783,008.00
	ROW Acquisition (Cordova Realignment)	AC	4	\$ 35,000.00	\$ 140,000.00
	Acquisition Consultant, Title Company, et al (5%)	LS			\$ 73,840.64
		City Direct Costs Total			\$ 4,292,248.00
	Escalation 5 yrs (2019 to 2026 Construction Costs @ 5% per year)		5	\$28,027,155.00	
	Escalation 10 yrs (2019 to 2031 Construction Costs @ 5% per year)		10	\$35,968,551.00	
	Escalation 20 yrs (2019 to 2041 Construction Costs @ 5% per year)		15	\$46,160,284.00	
1) Costs exclude installation of overhead or underground electric lights for street lamps.					
2) Costs exclude any utility relocation or installation of service other than what is shown/identified in this estimate.					
3) Unit Prices based upon TxDOT SA District Average Low Bid Unit Prices, Feb 04, 2019					
4) Right-of-Way acquisition may vary significantly depending upon appraisals.					
5) Limited drainage assessment performed as part of review. Full Analysis, including FEMA studies, could be warranted.					