

CITYWIDE STREETS IMPROVEMENT PROJECTS (SAN ANTONIO TO WATER LANE)
100% OPINION OF PROBABLE CONSTRUCTION COST

Date: 5/9/2025

Prepared by: Alex Zertuche, PE
PE No. 92080

Roadway Items						
ITEM NO.	CODE	DESCRIPTION	UNIT	EST. QUANT.	UNIT PRICE	TOTAL BID
100	6002	PREPARING ROW	STA	37	\$ 2,500.00	\$ 92,500.00
106	6002	OBLITERATING ABANDONED ROADWAY	SY	287	\$ 25.00	\$ 7,175.00
110	6001	EXCAVATION (ROADWAY)	CY	6,445	\$ 25.00	\$ 161,125.00
132	6006	EMBANKMENT (FINAL)(DENS CONT)(TY C)	CY	967	\$ 35.00	\$ 33,845.00
160	6003	FURNISHING AND PLACING TOPSOIL(4")	SY	6,400	\$ 7.50	\$ 48,000.00
164	6007	BROADCAST SEED (PERM)(URBAN)(CLAY)	SY	6,400	\$ 0.50	\$ 3,200.00
193	6001	PLANT MAINTENANCE	MO	12	\$ 3,000.00	\$ 36,000.00
247	6041	FL BS (CMP IN PLC)(TY A GR 1-2)(FNAL POS)	CY	953	\$ 80.00	\$ 76,240.00
250	7002	GEOGRID BASE REINFORCEMENT (TYPE 2)	SY	6,859	\$ 3.00	\$ 20,577.00
310	6027	PRIME COAT (MC-30 OR AE-P)	GAL	1,372	\$ 5.50	\$ 7,546.00
340	6272	TACK COAT	GAL	2,487	\$ 5.00	\$ 12,435.00
351	6002	FLEXIBLE PAVEMENT STRUCTURE REPAIR(6")	SY	3,780	\$ 40.00	\$ 151,200.00
351	6004	FLEXIBLE PAVEMENT STRUCTURE REPAIR(8")	SY	1,139	\$ 55.00	\$ 62,645.00
354	6045	PLANE ASPH CONC PAV(2")	SY	6,511	\$ 5.00	\$ 32,555.00
450	6103	RAIL (TY PR11)	LF	89	\$ 300.00	\$ 26,700.00
465	7335	INLET (COMP) (ARMOR CURB SLOT)	EA	2	\$ 4,500.00	\$ 9,000.00
465	7336	INLET (COMP) (TY SIDEWALK BRIDGE)	EA	2	\$ 15,000.00	\$ 30,000.00
529	6001	CONC CURB (TY I)	LF	111	\$ 25.00	\$ 2,775.00
529	6007	CONC CURB & GUTTER (TY I)	LF	621	\$ 40.00	\$ 24,840.00
529	6008	CONC CURB & GUTTER (TY II)	LF	2,316	\$ 60.00	\$ 138,960.00
529	6015	CONC CURB (TY C1)	LF	487	\$ 100.00	\$ 48,700.00
529	XXXX	CONC CURB (RIBBON)	LF	1,769	\$ 40.00	\$ 70,760.00
529	XXXX	CONC CURB (DRIVEWAY WALL)	LF	228	\$ 100.00	\$ 22,800.00
530	6004	DRIVEWAYS (CONC)	SY	1,170	\$ 100.00	\$ 117,000.00
530	6004	DRIVEWAYS (ACP)	SY	128	\$ 75.00	\$ 9,600.00
530	XXXX	DRIVEWAYS (GRAVEL) (LEVEL-UP)	SY	116	\$ 40.00	\$ 4,640.00
531	6001	CONC SIDEWALKS (4")	SY	1,915	\$ 100.00	\$ 191,500.00
531	XXXX	CONC SIDEWALKS (4") (WITH 9"X24" TOEDOWN)	SY	155	\$ 155.00	\$ 24,025.00
531	6004	CURB RAMPS (TY 1)	EA	1	\$ 2,600.00	\$ 2,600.00
531	6005	CURB RAMPS (TY 2)	EA	13	\$ 2,800.00	\$ 36,400.00
531	6010	CURB RAMPS (TY 7)	EA	3	\$ 2,800.00	\$ 8,400.00
540	7015	DOWNSTREAM ANCHOR TERMINAL SECTION	EA	1	\$ 1,600.00	\$ 1,600.00
544	7003	GUARDRAIL END TREATMENT (REMOVE)	EA	1	\$ 400.00	\$ 400.00
550	6020	CHAIN LINK FENCE (INSTALL) (4")	LF	120	\$ 20.00	\$ 2,400.00
560	6004	MAILBOX INSTALL-S (TWG-POST) TY 2	EA	14	\$ 300.00	\$ 4,200.00
560	XXXX	RELOCATE EXISTING MAILBOX (MASONRY)	EA	7	\$ 600.00	\$ 4,200.00
3076	6001	D-GR HMA TY-B PG64-22	TON	1,643	\$ 115.00	\$ 188,945.00
3076	6023	D-GR HMA TY-C PG70-22	TON	1,709	\$ 130.00	\$ 222,170.00
XXX	XXXX	CONCRETE SIDEWALK DRAIN	EA	1	\$ 6,000.00	\$ 6,000.00
XXX	XXXX	ADJUSTING CHAINLINK VEHICULAR GATE	EA	1	\$ 2,500.00	\$ 2,500.00
SUBTOTAL					\$	1,946,158.00
Drainage Items						
104	6009	REMOVING CONC (RIPRAP)	SY	121	\$ 35.00	\$ 4,235.00
110	6002	EXCAVATION (CHANNEL)	CY	46	\$ 85.00	\$ 3,910.00
402	6001	TRENCH EXCAVATION PROTECTION	LF	118	\$ 20.00	\$ 2,360.00
432	6002	RIPRAP (CONC) (5 IN)	CY	23	\$ 600.00	\$ 13,800.00
432	6026	RIPRAP (STONE PROTECTION) (18IN)	CY	16	\$ 2,150.00	\$ 34,400.00
432	6042	RIPRAP (CONC) (DISSIPATOR)	CY	2	\$ 800.00	\$ 1,600.00
462	6007	CONC BOX CULV (7FT X 2FT)	LF	118	\$ 850.00	\$ 100,300.00
466	6181	WINGWALL (PW-1)(HW=6FT)	EA	2	\$ 23,000.00	\$ 46,000.00
496	6006	REMOV STR (HEADWALL)	EA	2	\$ 2,500.00	\$ 5,000.00
496	6007	REMOVE STR (PIPE)	LF	150	\$ 65.00	\$ 9,750.00
SUBTOTAL					\$	221,355.00

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Erosion Control Items						
506	6002	ROCK FILTER DAMS (INSTALL) (TY 2)	LF	10	\$ 50.00	\$ 500.00
506	6003	ROCK FILTER DAMS (INSTALL) (TY 3)	LF	30	\$ 110.00	\$ 3,300.00
506	6011	ROCK FILTER DAMS (REMOVE)	LF	40	\$ 15.00	\$ 600.00
506	6038	TEMP SEDMT CONT FENCE (INSTALL)	LF	3,192	\$ 5.00	\$ 15,960.00
506	6039	TEMP SEDMT CONT FENCE (REMOVE)	LF	3,192	\$ 1.00	\$ 3,192.00
506	7035	SANDBAGS FOR EROSION CONTROL	LF	28	\$ 20.00	\$ 560.00
SUBTOTAL:					\$	24,112.00
Signage and Pavement Markings Items						
636	6001	ALUMINUM SIGNS (TY A)	SF	59	\$ 55.00	\$ 3,245.00
644	6004	IN SM RD SN SUP&AM TY10BWG(1)SA(P)	EA	7	\$ 910.00	\$ 6,370.00
644	6060	IN SM RD SN SUP&AM TY10BWG(1)SA(T)	EA	2	\$ 550.00	\$ 1,100.00
666	6036	REFL PAV MRK TY 1 (W) 8" (SLD) (100MIL)	LF	300	\$ 3.50	\$ 1,050.00
666	6048	REFL PAV MRK TY 1 (W) 24" (SLD) (100MIL)	LF	266	\$ 15.00	\$ 3,990.00
666	6054	REFL PAV MRK TY 1 (W) (ARROW) (100MIL)	EA	4	\$ 300.00	\$ 1,200.00
666	6147	REFL PAV MRK TY 1 (Y) 24" (SLD) (100MIL)	LF	22	\$ 15.00	\$ 330.00
666	6156	REFL PAV MRK TY 1 (Y) (MED NOSE) (100MIL)	EA	1	\$ 500.00	\$ 500.00
666	6346	REF PROF PAV MRK TY 1 (Y) 6" (BRK) (100MIL)	LF	2,296	\$ 1.50	\$ 3,444.00
666	6347	REF PROF PAV MRK TY 1 (Y) 6" (SLD) (100MIL)	LF	4,338	\$ 3.00	\$ 13,014.00
SUBTOTAL:					\$	34,243.00
Pedestrian Signal Items						
618	7060	CONDT (PVC) (SCH 80) (3")	LF	95	\$ 30.00	\$ 2,850.00
620	7009	ELEC CONDR (NO.6) BARE	LF	95	\$ 4.50	\$ 427.50
680	7011	INSTALL HWY TRF SIG (UPGRADE)	EA	1	\$ 20,000.00	\$ 20,000.00
682	7018	PED SIG SEC (LED)(COUNTDOWN)	EA	2	\$ 950.00	\$ 1,900.00
684	7009	TRF SIG CBL (TY A)(12 AWG)(4 CONDR)	LF	655	\$ 3.00	\$ 1,965.00
684	7080	TRF SIG CBL (TY C)(14 AWG)(2 CONDR)	LF	655	\$ 3.25	\$ 2,128.75
687	7001	PED POLE ASSEMBLY	EA	2	\$ 3,500.00	\$ 7,000.00
688	7001	PED DETECT PUSH BUTTON (APS)	EA	2	\$ 1,350.00	\$ 2,700.00
SUBTOTAL:					\$	38,971.25
Traffic Control Items						
502	6001	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	15	\$ 5,000.00	\$ 75,000.00
SUBTOTAL:					\$	75,000.00
Miscellaneous Items						
500	6001	MOBILIZATION	LS	1	\$ 315,000.00	\$ 315,000.00
SUBTOTAL:					\$	315,000.00
CONSTRUCTION SUBTOTAL:					\$	2,654,839.25
CONTINGENCY (10%):					\$	265,484.00
CONSTRUCTION TOTAL:					\$	2,920,324.00
* Percentages based on Roadway and Drainage subtotals Note: This estimate represents my best judgement as a design professional familiar with the construction industry. Quiddity Engineering, Inc. has no control over the cost of labor, materials or equipment; over Contractor's methods of determining bid prices; or over competitive bidding or market conditions. Accordingly, we cannot and do not guarantee that bids will not vary from this cost estimate.						

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