

San Antonio Street Rehabilitation Phase 3 Project
Engineer's 100% Opinion of Probable Construction Cost

May 9, 2025

Item	Description	Quantity	Unit	Unit Price	Total
Water Items					
121.1 (NBU)	TRENCH SAFETY SYSTEMS (ALL DEPTHS)	3,655	LF	\$5.00	\$18,275.00
505.1 (NBU)	24" DIA. STEEL ENCASEMENT PIPE (OPEN CUT)	40	LF	\$400.00	\$16,000.00
510.1 (NBU)	PIPE, 4" DIA. (PVC C-900 DR 18) (ALL DEPTHS), INCLUDING EXCAVATION AND BACKFILL	53	LF	\$100.00	\$5,300.00
510.1 (NBU)	PIPE, 6" DIA. (PVC C-900 DR 18) (ALL DEPTHS), INCLUDING EXCAVATION AND BACKFILL	69	LF	\$120.00	\$8,280.00
510.1 (NBU)	PIPE, 8" DIA. (PVC C-900 DR 18) (ALL DEPTHS), INCLUDING EXCAVATION AND BACKFILL	1,222	LF	\$130.00	\$158,860.00
510.1 (NBU)	PIPE, 12" DIA. (PVC C-900 DR 18) (ALL DEPTHS), INCLUDING EXCAVATION AND BACKFILL	2,181	LF	\$165.00	\$359,865.00
510.1 (NBU)	CARRIER PIPE, 12" DIA. (PVC C-900 DR 18) (INSTALLED IN CASING), INCLUDING SPACERS AND JOINT RESTRAINTS	40	LF	\$145.00	\$5,800.00
510.1 (NBU)	PIPE, 12" DIA. (DI AWWA C151) (ALL DEPTHS), INCLUDING EXCAVATION AND BACKFILL	60	LF	\$270.00	\$16,200.00
510.1 (NBU)	PIPE, 18" DIA. (CSC) (EXISTING TYPE) (ALL DEPTHS), INCLUDING EXCAVATION AND BACKFILL	30	LF	\$800.00	\$24,000.00
510.2 (NBU)	WET CONNECTIONS, 3" DIA. X 3" DIA.	1	EA	\$3,500.00	\$3,500.00
510.2 (NBU)	WET CONNECTIONS, 4" DIA. X 4" DIA.	2	EA	\$4,000.00	\$8,000.00
510.2 (NBU)	WET CONNECTIONS, 6" DIA. X 6" DIA.	4	EA	\$4,500.00	\$18,000.00
510.2 (NBU)	WET CONNECTIONS, 8" DIA. X 8" DIA.	4	EA	\$5,000.00	\$20,000.00
510.2 (NBU)	WET CONNECTIONS, 12" DIA. X 12" DIA.	1	EA	\$6,000.00	\$6,000.00
510.2 (NBU)	WET CONNECTIONS, 18" DIA. X 12" DIA.	1	EA	\$8,000.00	\$8,000.00
510.3 (NBU)	CUT-IN TEE, 18" DIA. X 12" DIA.	1	EA	\$25,000.00	\$25,000.00
510.4 (NBU)	DUCTILE IRON FITTINGS 4 INCH THROUGH 24 INCH	3.0	TON	\$12,000.00	\$36,000.00
510.5 (NBU)	ABANDON AND GROUT FILL, 6" DIA. WATER MAIN	7	CY	\$300.00	\$2,100.00
510.5 (NBU)	ABANDON AND GROUT FILL, 8" DIA. WATER MAIN	44	CY	\$300.00	\$13,200.00
510.6 (NBU)	RELAY 1" SERVICE (SHORT)	15	EA	\$3,000.00	\$45,000.00
510.6 (NBU)	RELAY 1" SERVICE (LONG)	12	EA	\$4,500.00	\$54,000.00
510.6 (NBU)	RELAY 1.5" SERVICE (LONG)	1	EA	\$5,000.00	\$5,000.00
510.6 (NBU)	RELAY 2.5" SERVICE (LONG)	1	EA	\$7,000.00	\$7,000.00
510.6 (NBU)	NEW 1" UNMETERED SERVICE (SHORT)	2	EA	\$3,500.00	\$7,000.00
510.6 (NBU)	NEW 1" UNMETERED SERVICE (LONG)	3	EA	\$4,000.00	\$12,000.00
510.7 (NBU)	RELOCATE METER	9	EA	\$2,000.00	\$18,000.00
511.1 (NBU)	GATE VALVE, 6" DIA.	5	EA	\$2,000.00	\$10,000.00
511.1 (NBU)	GATE VALVE, 8" DIA.	8	EA	\$3,500.00	\$28,000.00
511.1 (NBU)	GATE VALVE, 12" DIA.	5	EA	\$5,000.00	\$25,000.00
511.2 (NBU)	FIRE HYDRANTS	13	EA	\$8,000.00	\$104,000.00
522.1 (NBU)	PRE-CAST CONCRETE VAULT, 3'X5' (INCLUDING PIPE AND VALVE ASSEMBLY)	1	LS	\$25,000.00	\$25,000.00
Sanitary Sewer Items					
121.1 (NBU)	TRENCH SAFETY SYSTEMS (ALL DEPTHS)	3,440	LF	\$5.00	\$17,200.00
304.1 (NBU)	NEW CONCRETE PRECAST MANHOLE CONSTRUCTION, 4' DIA.	12	EA	\$20,000.00	\$240,000.00
304.2 (NBU)	NEW CONCRETE PRECAST DROP MANHOLE CONSTRUCTION, 4' DIA.	1	EA	\$23,000.00	\$23,000.00
304.3 (NBU)	EXTRA DEPTH CONCRETE PRECAST MANHOLE, 4' DIA.	15	VF	\$1,300.00	\$19,500.00
304.3 (NBU)	EXTRA DEPTH CONCRETE PRECAST DROP MANHOLE, 4' DIA.	6	VF	\$1,500.00	\$9,000.00
304.4 (NBU)	ABANDONMENT OF EXISTING MANHOLES	9	EA	\$3,500.00	\$31,500.00
330.1 (NBU)	WASTEWATER BY-PASS PUMPING	1	LS	\$200,000.00	\$200,000.00
505.1 (NBU)	18" DIA. STEEL ENCASEMENT PIPE (OPEN CUT)	35	LF	\$400.00	\$14,000.00
505.1 (NBU)	30" DIA. STEEL ENCASEMENT PIPE (OPEN CUT)	20	LF	\$600.00	\$12,000.00
510.1 (NBU)	PIPE, 8" DIA. (PVC SDR 26 ASTM D3034) (ALL DEPTHS), INCLUDING EXCAVATION AND BACKFILL	2,800	LF	\$190.00	\$532,000.00
510.1 (NBU)	PIPE, 8" DIA. (PVC SDR 26 ASTM D2241 160 PSI) (ALL DEPTHS), INCLUDING EXCAVATION AND BACKFILL	101	LF	\$210.00	\$21,210.00
510.1 (NBU)	CARRIER PIPE, 8" DIA. (PVC SDR 26 ASTM D3034) (INSTALLED IN CASING), INCLUDING SPACERS	35	LF	\$190.00	\$6,650.00
510.1 (NBU)	PIPE, 15" DIA. (PVC SDR ASTM D3034) (ALL DEPTHS), INCLUDING EXCAVATION AND BACKFILL	484	LF	\$325.00	\$157,300.00

Item	Description	Quantity	Unit	Unit Price	Total
510.1 (NBU)	CARRIER PIPE, 15" DIA. (PVC SDR ASTM D3034) (INSTALLED IN CASING), INCLUDING SPACERS	20	LF	\$310.00	\$6,200.00
510.5 (NBU)	ABANDON AND GROUT FILL, 6" DIA. SEWER MAIN	8	CY	\$300.00	\$2,400.00
510.5 (NBU)	ABANDON AND GROUT FILL, 8" DIA. SEWER MAIN	30	CY	\$300.00	\$9,000.00
510.5 (NBU)	ABANDON AND GROUT FILL, 15" DIA. SEWER MAIN	3	CY	\$300.00	\$900.00
510.8 (NBU)	INSTALL/RECONNECT SEWER LATERAL SERVICE (6" DIA.)	26	EA	\$4,500.00	\$117,000.00
510.9 (NBU)	TWO-WAY CLEANOUT	26	EA	\$1,500.00	\$39,000.00
Erosion Control Items					
506 6038	TEMP SEDMT CONT FENCE (INSTALL)	380	LF	\$4.00	\$1,520.00
506 6039	TEMP SEDMT CONT FENCE (REMOVE)	380	LF	\$1.00	\$380.00
Repair Items					
530 XXXX	DRIVEWAYS (GRAVEL) (6")	370	SY	\$100.00	\$37,000.00
	REMOVE AND REPLACE EXISTING METAL GATE	1	EA	\$1,000.00	\$1,000.00
General Items					
100 6002	PREPARING RIGHT OF WAY	36	STA	\$2,880.00	\$103,680.00
500 6001	MOBILIZATION	1	LS	\$284,920.00	\$284,920.00
				Subtotal	\$ 2,978,740.00
				Contingency (10%)	\$ 297,870.00
				Total	\$ 3,276,610.00

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