

PRELIMINARY OPINION OF PROBABLE CONSTRUCTION COST

Priority 3: Widening of Northpark Drive from US 59 to Woodland Hills Drive (6-Lanes)

Item No.	Spec. Ref.	Item Description	Unit Measure	Unit Quantity	Unit Price (\$)	Total Amount (\$)
GENERAL CONSTRUCTION ITEMS						
1	01502	Mobilization	LS	1	\$889,192.37	\$889,192.37
2	01555	Traffic Control and Regulation	LS	1	\$400,000.00	\$400,000.00
3	01555	Flagmen	LS	1	\$150,000.00	\$150,000.00
4	01555	(Install) Low Profile Concrete Barriers	LF	1,200	\$53.00	\$63,600.00
5	01555	(Relocate) Low Profile Concrete Barriers	LF	1,200	\$5.25	\$6,300.00
6	01555	(Remove) Low Profile Concrete Barriers	LF	1,200	\$8.25	\$9,900.00
7	01570	Implementation and Maintenance of Stormwater Pollution Prevention Plan	LS	1	\$80,000.00	\$80,000.00
8	01570	Inlet Protection Barrier	EA	16	\$5.00	\$80.00
9	01575	Stabilized Construction Entrance/Exit	EA	4	\$2,500.00	\$10,000.00
10	01578	Ground Water Control for Open Cut Construction	LF	17,351	\$20.00	\$347,020.00
13	02221	Remove and Relocate traffic signs, roadway signs	EA	25	\$130.00	\$3,250.00
14	02260	Trench Safety System for trench excavations	LF	24,000	\$0.50	\$12,000.00
15	02893	Project Identification Signs	EA	4	\$750.00	\$3,000.00
Sub-Total GENERAL CONSTRUCTION ITEMS						\$1,974,342.37
PAVING ITEMS						
16	02221	Remove/Dispose Reinforced Concrete Surface/ with or without Base	SY	66,667	\$4.00	\$266,666.67
17	02752S	Saw Cutting	LF	492	\$6.00	\$2,952.00
18	02315	Roadway Excavation with or without subgrade	CY	4,000	\$5.00	\$20,000.00
19	02336	Lime Stabilized Subgrade 8-inch thick	SY	101,333	\$3.00	\$304,000.00
20	02336	6% Lime Treatment for Stabilized Subgrade (Dry weight) (36-lbs/SY/per 8-inch depth)	TON	1,963	\$120.00	\$235,604.16
21	02751	Reinforced Concrete Pavement 10-inch thick	SY	90,667	\$80.00	\$7,253,333.33
22	TxDOT SS3230	Fast Track Reinforced Concrete Pavement 13-inch thick	SY	3,600	\$110.00	\$396,000.00
23	02752	Street Pavment Expansion Joint with Load Transfer Device	LF	9,900	\$6.00	\$59,400.00
24	02752	Horizontal 24" Dowels	EA	246	\$3.50	\$861.00
25	-	Bridge Replacement (Replace 2-2-lane bridges with 2-3-lane bridges)	SF	13,200	\$200.00	\$2,640,000.00
26	02931	Traffic Signals (per intersection)	EA	2	\$200,000.00	\$400,000.00
27	02771	6-Inch Concrete Curb	LF	48,000	\$5.00	\$240,000.00
Sub-Total PAVING ITEMS						\$11,818,817.16
STORM SEWER ITEMS						
28	02222	Remove/Dispose Storm Pipe 24-inch dia	LF	1,177	\$9.00	\$10,593.00
29	02222	Remove/Dispose Storm Pipe 36-inch dia	LF	69	\$9.00	\$621.00
30	02222	Remove/Dispose Storm Pipe 60-inch dia	LF	992	\$15.00	\$14,877.00
31	02222	Remove/Dispose Manholes all sizes/depth	EA	10	\$400.00	\$4,000.00
32	02222	Remove/Dispose Inlets all sizes/depth	EA	16	\$300.00	\$4,800.00
33	02631	24-Inch RCP Storm Sewers by Open-Cut, All Depths, Complete in Place	LF	2,296	\$91.00	\$208,936.00
34	1/02082/0	Type C manhole for 48-inch to 72-inch diameter sewers	EA	15	\$6,000.00	\$90,000.00
35	02632 / 02633	Type BB Inlet	EA	16	\$2,400.00	\$38,400.00
36		8X10 Box Paving over Existing Ditch	LF	6,000	\$1,000.00	\$6,000,000.00
Sub-Total STORM SEWER ITEMS						\$6,372,227.00
WATER ITEMS						
37	02221	Remove and Dispose 12-inch Diameter Water Line	LF	4,170	\$7.00	\$29,190.00
38	02221	Remove and Dispose 16-inch Diameter Water Line	LF	10,570	\$10.00	\$41,700.00
39	02511	12-inch water line w/ Restrained joints by Open-Cut	LF	4,170	\$80.00	\$333,600.00
40	02511	16-inch water line w/ Restrained joints by Open-Cut	LF	10,570	\$175.00	\$1,849,750.00
41	02520	Remove and salvage existing fire hydrant	EA	30	\$290.00	\$8,700.00
42	02520	Fire hydrant assembly, all depths, including 6-inch diameter gate valve and box	EA	30	\$4,000.00	\$120,000.00
Sub-Total WATER ITEMS						\$2,382,940.00
SANITARY SEWER ITEMS						
43	02221	Remove Existing Sanitary Sewer Pipe (All Types)	LF	315	\$40.00	\$12,600.00
44	02531	8-Inch PVC Sanitary Sewers by Open-Cut, All Depths, Complete in Place	LF	110	\$70.00	\$7,700.00
45	02532	10-Inch PVC Sanitary Sewers by Open-Cut, All Depths, Complete in Place	LF	205	\$75.00	\$15,375.00
Sub-Total SANITARY SEWER ITEMS						\$35,675.00
STREETSCAPE ITEMS						

PRELIMINARY OPINION OF PROBABLE CONSTRUCTION COST

Priority 3: Widening of Northpark Drive from US 59 to Woodland Hills Drive (6-Lanes)

Item No.	Spec. Ref.	Item Description	Unit Measure	Unit Quantity	Unit Price (\$)	Total Amount (\$)
46	02035	Tree Protection Fencing	LS	1	\$100,000.00	\$100,000.00
47	02110	Tree removal	LS	1	\$50,000.00	\$50,000.00
48	02110	Tree Mitigation	LS	1	\$375,000.00	\$375,000.00
49	02810	Irrigation Repairs	LS	1	\$10,000.00	\$10,000.00
Sub-Total STREETScape ITEMS						\$535,000.00
Total BASE UNIT PRICE						\$23,119,001.53
EXTRA WORK ITEMS						
50	02318	Excavate Around Obstructions	CY	100	\$10.00	\$1,000.00
51	02318	Extra Hand Excavation	CY	100	\$15.00	\$1,500.00
52	02318	Extra Machine Excavation	CY	100	\$10.00	\$1,000.00
53	02318	Extra Placement of Backfill Material	CY	100	\$15.00	\$1,500.00
54	02318	Extra Placement of Granular Fill	CY	100	\$15.00	\$1,500.00
55	02318	Extra Placement of Select Backfill	CY	100	\$10.00	\$1,000.00
56	02318/ 02321	Extra Cement Stabilized Sand	CY	100	\$25.00	\$2,500.00
57	02501	Extra Water Line Fittings	TON	1	\$1,000.00	\$1,000.00
Sub-Total EXTRA WORK ITEMS						\$11,000.00
CASH ALLOWANCE ITEMS						
58	01110	Street Cut Permit	CA	1	\$7,500.00	\$7,500.00
59	01110	Lane Closure Permit	CA	1	\$6,000.00	\$6,000.00
60	01111	Sidewalk Closure Permit	CA	1	\$1,080.00	\$1,080.00
61	01410/ 01570	TPDES NOI/NOT	CA	1	\$375.00	\$375.00
62	02775	TDLR TAS Permit - Inspection	CA	1	\$1,050.00	\$1,050.00
63	01110/ TxDOT SS6834	PCMS: Full LED Matrix, 3 Line (8 character per line)	CA	1	\$20,000.00	\$20,000.00
Sub-Total CASH ALLOWANCE ITEMS						\$36,005.00
Total ITEMS						\$23,166,006.53
CONTINGENCIES					25%	\$5,791,501.63
TOTAL PROJECT CONSTRUCTION COST						\$28,957,508.16