



**US 52 & Foxbank Plantation Boulevard  
 Temporary Traffic Signal & Fiber Optic Interconnect**

Construction Plans  
 Engineer's Opinion of Probable Construction Cost  
 8/16/2022

SECTION	ITEM	QUANTITY	UNIT	UNIT PRICE	NET PRICE
1031010	MOBILIZATION	1.000	LS	10%	\$15,981.78
1032010	BONDS AND INSURANCE	1.000	LS	5%	\$7,990.89
1071100	TRAFFIC CONTROL	1.000	LS	15%	\$23,972.67
6271023	12IN X 18IN WHITE TRIANG. YIELD BAR (GAPS EXC)THERMO-125MIL	17.000	LF	\$22.00	\$374.00
6271025	24" WHITE SOLID LINES (STOP/DIAG LINES)-THERMO.-125 MIL	82.000	LF	\$14.25	\$1,168.50
6271040	WHITE COMBINATION ARROWS(STR&RT.OR STR&LT)THERMO-125MIL	2.000	EA	\$200.00	\$400.00
6271064	4" YELLOW BROKEN LINES(GAPS EXC)THERMOPLASTIC - 90 MIL.	58.000	LF	\$3.00	\$174.00
6319505	REMOVAL OF PAVEMENT MARKINGS	50.000	LF	\$8.75	\$437.50
6510105	FLAT SHEET, TYPE III, FIXED SIZE	72.000	SF	\$33.00	\$2,376.00
6510108	FLAT SHEET, TYPE VIII OR IX, SIZE DETERMINED BY MSG. - OVERHEAD	15.000	SF	\$35.00	\$525.00
6513015	MOUNTING ASSEMBLY FOR F.S. SIGN ERECTED ON SPAN WIRE	2.000	EA	\$275.00	\$550.00
6531210	U-SECTION POST FOR SIGN SUPPORTS - 3P	128.000	LF	\$15.00	\$1,920.00
6750275	FURNISH & INSTALL 1.0" SCHEDULE 80 PVC CONDUIT	65.000	LF	\$11.00	\$715.00
6750278	FURNISH & INSTALL 2.0" SCHEDULE 80 PVC CONDUIT	2,697.000	LF	\$15.00	\$40,455.00
675027C	FURNISH & INSTALL 3.0" SCHEDULE 80 PVC CONDUIT	10.000	LF	\$25.00	\$250.00
6770389	NO. 14 COPPER WIRE, 4 CONDUCTOR - GRAY	2,240.000	LF	\$3.27	\$7,324.80
6770393	NO. 14 COPPER WIRE, 8 CONDUCTOR (BLACK)	1,320.000	LF	\$3.25	\$4,290.00
6770413	NO. 14 COPPER WIRE, 1-CONDUCTOR FOR LOOP WIRE	2,398.000	LF	\$2.50	\$5,995.00
6770470	FURNISH & INSTALL 12 STRAND FIBER OPTIC CABLE - SINGLE MODE	1,780.000	LF	\$6.10	\$10,858.00
6770476	FURNISH & INSTALL FIBER OPTIC INTERCONNECT CENTER	2.000	EA	\$2,760.00	\$5,520.00
6780495	SAWCUT FOR LOOP DETECTOR	997.000	LF	\$10.00	\$9,970.00
6800499	FURNISH AND INSTALL ELECTRICAL SERVICE FOR TRAFFIC SIGNAL (COMPLETE WITH RIS	1.000	EA	\$1,000.00	\$1,000.00
6800518	FURNISH & INSTALL 13"X24"X18"D.ELEC. FLUSH UNDERGRD.ENCLOSURE-(STR.POLY.CON	9.000	EA	\$535.00	\$4,815.00
680052C	FURNISH & INSTALL 17"X30"X24"D.ELEC. FLUSH UNDERGRD.ENCLOSURE-(STR.POLY.CON	6.000	EA	\$700.00	\$4,200.00
6825021	FURNISH & INSTALL 40' WOOD POLE - CLASS II - CCA TREATED (0.60)	4.000	EA	\$2,800.00	\$11,200.00
6825045	FURNISH & INSTALL 3/8" BACK GUY FOR WOOD POLE	8.000	EA	\$450.00	\$3,600.00
6825092	FURNISH AND INSTALL 3/8" GALVANIZED STEEL CABLE (SPAN WIRE)	630.000	LF	\$10.00	\$6,300.00
6845511	FURNISH AND INSTALL CONTROLLER AND 332/336 CABINET ASSEMBLY - BASE MOUNTE	1.000	EA	\$20,000.00	\$20,000.00
6865720	FURNISH AND INSTALL 12" 4 SECTION SIGNAL HEAD	2.000	EA	\$1,000.00	\$2,000.00
6865723	FURNISH AND INSTALL 12" 3 SECTION SIGNAL HEAD	8.000	EA	\$800.00	\$6,400.00
6865834	FURNISH & INSTALL BACKPLATE W/ RETROREFL.BORDERS FOR TRAFFIC SIGNAL	10.000	EA	\$300.00	\$3,000.00
6885993	TEMPORARY ADJUSTMENT OF TRAFFIC SIGNAL EQUIPMENT	1.000	EA	\$2,500.00	\$2,500.00
6887951	FURNISH & INSTALL CONCRETE CABINET FOUNDATION	1.000	EA	\$1,500.00	\$1,500.00
TOTAL CONSTRUCTION COST =					\$207,763.14
20% CONTINGENCY =					\$41,552.63
<b>TOTAL PROJECT COST =</b>					<b>\$250,000.00</b>

**NOTES:**

- COSTS ARE FOR CONSTRUCTION ONLY. THEY EXCLUDE CONSTRUCTION ADMINISTRATION AND PERMITTING.
- UNIT COSTS ARE BASED ON RECENT HISTORICAL BIDS UP TO THE CURRENT DATE.
- ITEM-SPECIFIC NOTES:

1031000 - MOBILIZATION	set as 10.0% of construction sub-total
1032010 - BONDS AND INSURANCE	set as 5.0% of construction sub-total
1071000 - TRAFFIC CONTROL	set as 15.0% of construction sub-total