

Transportation Alternatives Set-Aside (TA)

ENGINEER'S COST ESTIMATE

Financial Management Number (if applicable):

Project Description: NW 13th Street - N of University Avenue to NW 5th Avenue

Items		TA Eligible				Other Funds (must include all TA Ineligible items)					TOTAL			
Pay Item Number*	Pay Item Description*	Quantity	Unit	Engineer's Unit Cost	Engineer's Subtotal Cost (TA funds)	Quantity	Unit	Engineer's Unit Cost	Engineer's Subtotal Cost (other funds)	Source(s) of Match	Total Quantity	Total Engineer's Cost		
101-1	MOBILIZATION	LS	1	\$ 222,900.00	\$ 222,900.00		EA		\$ -		0	\$ 222,900.00		
102-1	MAINTENANCE OF TRAFFIC	LS	1	\$ 222,900.00	\$ 222,900.00		EA		\$ -		0	\$ 222,900.00		
110-1-1	CLEARING & GRUBBING	AC	0.5	\$ 51,900.00	\$ 25,950.00		EA		\$ -		0	\$ 25,950.00		
110-4-10	REMOVAL OF EXISTING CONCRETE	SY	330	\$ 62.00	\$ 20,460.00		EA		\$ -		0	\$ 20,460.00		
120-1	REGULAR EXCAVATION	CY	446	\$ 66.00	\$ 29,436.00		EA		\$ -		0	\$ 29,436.00		
120-6	EMBANKMENT	CY	44.6	\$ 134.00	\$ 5,976.00		EA		\$ -		0	\$ 5,976.00		
327-70-6	MILLING EXISTING ASPHALT PAVEMENT (1.5" AVG DEPTH)	SY	14000	\$ 5.60	\$ 78,400.00		EA		\$ -		0	\$ 78,400.00		
337-7-83	ASPHALTIC CONCRETE FRICTION COURSE (TYPE FC-12.5) (TRAFFIC C) (PG 76-22) (1.5")	TN	1155	\$ 236.00	\$ 272,580.00		EA		\$ -		0	\$ 272,580.00		
N/A	SUPERPAVE ASPHALTIC CONCRETE (FOR OVERBUILD)	TN	70	\$ 380.00	\$ 26,600.00		EA		\$ -		0	\$ 26,600.00		
350-3-X	PLAIN CEMENT CONCRETE PAVEMENT (VARIABLE DEPTH FOR RAISED INTERSECTION RAMPS)	SY	128	\$ 150.00	\$ 19,200.00		EA		\$ -		0	\$ 19,200.00		
425-1-351	INLETS, CURB, TYPE P-5, <10'	EA	2	\$ 12,000.00	\$ 24,000.00		EA		\$ -		0	\$ 24,000.00		
430-175-118	PIPE CULVERT (OPTIONAL MATERIAL) (ROUND) (18") (S/CD)	LF	60	\$ 312.00	\$ 18,720.00		EA		\$ -		0	\$ 18,720.00		
520-1-7	CONCRETE CURB & GUTTER (TYPE E)	LF	3600	\$ 47.00	\$ 169,200.00		EA		\$ -		0	\$ 169,200.00		
520-1-10	CONCRETE CURB & GUTTER (TYPE F)	LF	250	\$ 76.00	\$ 19,000.00		EA		\$ -		0	\$ 19,000.00		
522-2	CONCRETE SIDEWALK AND DRIVEWAYS (6" THICK)	SY	200	\$ 131.00	\$ 26,200.00		EA		\$ -		0	\$ 26,200.00		
XXX-XXX-XXX	REWORK CONCRETE PAVERS	LS	1	\$ 20,000.00	\$ 20,000.00		EA		\$ -		0	\$ 20,000.00		
527-2	DETECTABLE WARNINGS	SF	200	\$ 43.00	\$ 8,600.00		EA		\$ -		0	\$ 8,600.00		
570-1-2	PERFORMANCE TURF (SOD)	SY	1046	\$ 12.00	\$ 12,552.00		EA		\$ -		0	\$ 12,552.00		
632-7-1	SIGNAL CABLE - NEW OR RECONSTRUCTED INTERSECTION, F&I	PI	2	\$ 12,600.00	\$ 25,200.00		EA		\$ -		0	\$ 25,200.00		
633-2-32	FIBER OPTIC CONNECTION, INSTALL, TERMINATION	EA	24	\$ 100.00	\$ 2,400.00		EA		\$ -		0	\$ 2,400.00		
633-3-14	FIBER OPTIC CONNECTION, F&I, BUFFER TUBE FAN OUT KIT	EA	2	\$ 120.00	\$ 240.00		EA		\$ -		0	\$ 240.00		
633-3-16	FIBER OPTIC CONNECTION, F&I, PATCH PANEL-FIELD TERMINATED	EA	2	\$ 2,100.00	\$ 4,200.00		EA		\$ -		0	\$ 4,200.00		
635-2-11	PULL & SPLICE BOX, F&I, 13"x24"	EA	10	\$ 1,700.00	\$ 17,000.00		EA		\$ -		0	\$ 17,000.00		
639-1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	2	\$ 5,900.00	\$ 11,800.00		EA		\$ -		0	\$ 11,800.00		
639-2-1	ELECTRICAL SERVICES WIRE, F&I	LF	100	\$ 15.00	\$ 1,500.00		EA		\$ -		0	\$ 1,500.00		
646-1-11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	4	\$ 3,100.00	\$ 12,400.00		EA		\$ -		0	\$ 12,400.00		
649-21-15	STEEL MAST ARM ASSEMBLY, F&I, SINGLE ARM 70'	EA	4	\$ 102,000.00	\$ 408,000.00		EA		\$ -		0	\$ 408,000.00		
650-1-14	VEHICULAR TRAFFIC SIGNAL, F&I, ALUMINUM, 3 SECTION 1 WAY	AS	8	\$ 2,100.00	\$ 16,800.00		EA		\$ -		0	\$ 16,800.00		
653-1-11	PEDESTRIAN SIGNAL, F&I, LED COUNTDOWN, 1 WAY	AS	4	\$ 1,200.00	\$ 4,800.00		EA		\$ -		0	\$ 4,800.00		
670-5-111	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA, 1 PREEMPTION	AS	2	\$ 49,000.00	\$ 98,000.00		EA		\$ -		0	\$ 98,000.00		
682-1-133	ITS CAMERA, F&I, DOME ENCLOSURE - NON-PRESSURIZED, IP, HIGH DEFINITION	EA	2	\$ 7,000.00	\$ 14,000.00		EA		\$ -		0	\$ 14,000.00		
684-1-1	MANAGED FIELD ETHERNET SWITCH, F&I	EA	2	\$ 6,800.00	\$ 13,600.00		EA		\$ -		0	\$ 13,600.00		
700-1-11	SINGLE POST SIGN (F&I GROUND MOUNT) (<12 SF)	AS	15	\$ 528.00	\$ 7,920.00		EA		\$ -		0	\$ 7,920.00		
706-1-3	RAISED PAVEMENT MARKER (TYPE B)	EA	350	\$ 6.00	\$ 2,100.00		EA		\$ -		0	\$ 2,100.00		
710-90	PAINTED PAVEMENT MARKING (FINAL SURFACE)	LS	1	\$ 22,000.00	\$ 22,000.00		EA		\$ -		0	\$ 22,000.00		
711-11-123	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (12" FOR CROSSWALK AND ROUNDABOUT)	LF	600	\$ 5.20	\$ 3,120.00		EA		\$ -		0	\$ 3,120.00		
711-11-125	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (24" FOR STOP LINE)	LF	190	\$ 10.50	\$ 1,995.00		EA		\$ -		0	\$ 1,995.00		
711-11-130	THERMOPLASTIC (STANDARD) (WHITE) (VERTICAL DEFLECTION MARKING)	EA	4	\$ 87.00	\$ 348.00		EA		\$ -		0	\$ 348.00		
711-11-170	THERMOPLASTIC (STANDARD) (WHITE) (ARROW)	EA	16	\$ 104.00	\$ 1,664.00		EA		\$ -		0	\$ 1,664.00		
711-14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	1344	\$ 18.00	\$ 24,192.00		EA		\$ -		0	\$ 24,192.00		
711-16-101	THERMOPLASTIC (STANDARD-OTHER SURFACES) (WHITE) (SOLID) (6")	GM	0.9	\$ 7,339.00	\$ 6,605.00		EA		\$ -		0	\$ 6,605.00		
711-16-131	THERMOPLASTIC (STANDARD-OTHER SURFACES) (WHITE) (SKIP) (6") (10-30 SKIP OR 3-9 LANE DROP)	GM	0.32	\$ 3,498.00	\$ 1,119.00		EA		\$ -		0	\$ 1,119.00		
711-16-201	THERMOPLASTIC (STANDARD-OTHER SURFACES) (YELLOW) (SOLID) (6")	GM	0.7	\$ 7,092.00	\$ 4,964.00		EA		\$ -		0	\$ 4,964.00		
711-17-1	THERMOPLASTIC (REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS-SURFACE TO REMAIN)	SF	500	\$ 5.75	\$ 2,875.00		EA		\$ -		0	\$ 2,875.00		
					TA Eligible Costs / TA Funds Requested (not funded through other sources)	\$ 1,887,754.00	Other Funds (must include TA Ineligible Costs)					\$ -	Subtotal	\$ 1,931,516.00
Design Cost				\$ 482,879.00									\$ 482,879.00	
CEI Cost				\$ 289,727.00									\$ 289,727.00	
Construction Support Services				\$ 96,576.00									\$ 96,576.00	
CONTINGENCY (REQUIRED)		Contingency is not a FHWA Participating Item								\$ 289,727.00		\$ 289,727.00		
Total Cost Estimate				\$ 869,182.00						\$ 289,727.00		\$ 3,090,425.00		

A reasonable estimate of project costs is required. Projects must follow appropriate design criteria and meet Americans with Disabilities Act requirements. Projects on the State Highway System, and "on-system" (on FDOT land), and Critical Projects shall utilize FDOT pay items numbers and descriptions. FDOT'S AWARD OF FUNDING TO THE APPLICANT'S PROJECT DOES NOT CONSTITUTE ACCEPTANCE OF PARTICIPATING VS. NON-PARTICIPATING ITEMS IDENTIFIED IN THIS COST ESTIMATE. Funding pay items and eligibility will be discussed during project development.

Examples of Non-participating Items:

Mowing, litter removal, optional services: video inspection; utility directional bore / utility agency owner directional bores; Utility work, including but not limited to valve adjustments, utility relocations, power pole relocations, Contingency

Other elements may be non-participating, the ones listed above are non-participating commonly used pay items.

If you have questions regarding an eligible or non-participating item, District representatives may be contacted for guidance.

Prepared by: PE Number: 77731

Ali Brighton, PE
Name: Signature:

12/2/2025
Date:

Reviewed by:
Chris Towne, PE
Name: Signature:

12/2/2025
Date:

References:

FDOT Design <https://www.fdot.gov/roadway>
Environmental Management <https://www.fdot.gov/environment>
FDOT Estimates <https://www.fdot.gov/construction>
Local Programs Manual <https://www.fdot.gov/programmanagement/lap/lap-toc.shtm>
TA Set-Aside Program <https://www.fdot.gov/planning/systems/systems-management/lap>