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 PTOE
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 T-SQUARE ENGINEERING, INC.
 1329 WEST MAIN STREET
 FRANKLIN, TENNESSEE 37064
 JAMES O ENSLEY III, P.T.O.E, P.E, NO.119794

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE OF TENN. CODE ANN. §62-2-306.

PS&E INDEX OF SHEETS

SHEET NAME	SHEET NO.
SIGNATURE SHEET	ROADWAY-SIGN2
PS&E INDEX AND STANDARD ROADWAY DRAWINGS	1A
ESTIMATED ROADWAY QUANTITIES	2

2/6/2024 3:18:13 PM \\wfs1\Tsquare\Projects\2022\22-1126 (TDOT - SR-319 Boy Scout Rd. to Thrasher Pike Hamilton County)\Figures\Sheet Sets\SIGNATURE SHEET - 2.sht

YEAR	PROJECT NO.	SHEET NO.
2024	HSIP-319(16)	ROADWAY-SIGN2

REV. 02/06/24 :
 1. ADDED SHEET

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**STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION**

**SIGNATURE
 SHEET**

PS&E INDEX OF SHEETS

STANDARD ROADWAY DRAWINGS

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2023	HSIP-319(16)	1A
PS&E	2024	HSIP-319(16)	1A

REV. 02/06/24 :
1. ADDED SHEET - ROADWAY-SIGN2

SHEET NAME	SHEET NO.	DWG.	REV.	DESCRIPTION
SIGNATURE SHEET	ROADWAY-SIGN1,2			
TITLE SHEET	1			
PS&E INDEX AND STANDARD ROADWAY DRAWINGS	1A	RD-TP-1	09-26-16	STANDARD ROADWAY DRAWINGS TITLE SHEET
STANDARD TRAFFIC OPERATIONS DRAWINGS	1A1	RD-A-1	02-20-20	STANDARD ABBREVIATIONS A THROUGH L
ESTIMATED ROADWAY QUANTITIES	2	RD-A-2		STANDARD ABBREVIATIONS M THROUGH Z
GENERAL NOTES.....	2C	RD-L-1	02-20-20	STANDARD LEGEND
SPECIAL NOTES.....	2D	RD-L-1A		STANDARD LEGEND
ENVIRONMENTAL NOTES.....	2E, 2E1, 2E2	RD-L-3	03-01-23	STANDARD LEGEND FOR SIGNALIZATION AND LIGHTING
UTILITY NOTES AND UTILITY OWNERS.....	3	RD-L-4	02-20-20	STANDARD LEGEND FOR SIGNALIZATION AND LIGHTING
PRESENT LAYOUT(S).....	4 – 8	RD-L-5	02-20-20	STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL
PROPOSED LAYOUT(S)	4A – 8A	RD-L-6	02-20-20	STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL
SIGN SCHEDULE SHEET(S).....	9 - 10	RD-L-7	02-20-20	STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL
SIGNAL LAYOUT	11			
NOTE: THE ALPHABETICAL LETTERS "I", "O" & "Q" ARE NOT USED IN THE NUMBERING OF SHEETS.				
FOOTNOTES: SHEETS 2A AND 2B NOT USED.				
NO PROJECT COMMITMENTS ARE USED IN THIS PROJECT.				
STANDARD ROADWAY TITLE SHEET, ABBREVIATIONS, AND LEGENDS				
MULTIMODAL				
		MM-CR-1	06-28-19	DETECTABLE WARNING SURFACE PLACEMENT ON CURB RAMPS
		MM-CR-2		PERPENDICULAR CURB RAMP
		MM-CR-3		PARALLEL CURB RAMP
		MM-CR-5	06-28-19	SINGLE CROSSING CURB RAMP IN CURVE
		MM-CR-7		CURB RAMPS IN CURVE BI-DIRECTIONAL DUAL CROSSING
		MM-CR-8		MONO-DIRECTIONAL SINGLE CROSSWALK CURB RAMP DETAILS
		MM-CR-9		ALTERNATIVE CURB RAMP DETAILS
DESIGN - TRAFFIC CONTROL				
		T-M-1	06-28-19	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS AND MARKING ABBREVIATIONS
		T-M-2	06-28-19	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS
		T-M-3	07-07-23	MARKING STANDARDS FOR TRAFFIC ISLANDS, PAVED SHOULDERS AND MEDIANS FOR CONVENTIONAL ROADS
		T-M-4	07-17-20	STANDARD INTERSECTION PAVEMENT MARKINGS
		T-M-18	10-29-21	FLEXIBLE DELINEATOR DETAILS
		T-M-18A		DELINEATOR MOUNTING DETAILS
		T-WZ-10	04-02-12	ADVANCE ROAD WORK SIGNING ON HIGHWAYS AND FREEWAYS
		T-WZ-51	04-02-12	TRAFFIC CONTROL FOR SIGNALS ONLY PROJECTS ON 4 OR 5 LANE MAJOR ROUTES
		T-WZ-55	10-29-21	SIDEWALK TRAFFIC CONTROL
EROSION PREVENTION AND SEDIMENT CONTROL				
		EC-STR-3B	06-15-21	SILT FENCE
		EC-STR-3C	03-01-23	SILT FENCE WITH WIRE BACKING
		EC-STR-37	06-10-14	SEDIMENT TUBE
		EC-STR-39	08-01-12	CURB INLET PROTECTION TYPE 1 & 2
		EC-STR-39A	08-01-12	CURB INLET PROTECTION TYPE 3 & 4
		EC-STR-41		CATCH BASIN FILTER ASSEMBLY (TYPE 1)
		EC-STR-41A		CATCH BASIN FILTER ASSEMBLY (TYPE 1) SLIPCOVER DETAILS

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PS&E INDEX OF
SHEETS AND
STANDARD
ROADWAY
DRAWINGS

ESTIMATED ROADWAY QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY 33S319-F3-002
	105-01 CONSTRUCTION STAKES, LINES AND GRADES	LS	1
	209-05 SEDIMENT REMOVAL	C.Y.	10
(5)	209-08.02 TEMPORARY SILT FENCE (WITH BACKING)	S.F.	910
(5)	209-09.43 CURB INLET PROTECTION (TYPE 4)	EACH	4
(5)	209-40.41 CATCH BASIN FILTER ASSEMBLY(TYPE 1)	EACH	2
	701-02.01 CONCRETE CURB RAMP (RETROFIT)	S.F.	1582
	705-04.21 GUARDRAIL DELINEATION ENHANCEMENT	L.F.	140
(2)	712-01 TRAFFIC CONTROL	LS	1
(1)(2)	712-06 SIGNS (CONSTRUCTION)	S.F.	259
	713-02.15 FLEXIBLE DELINEATOR (YELLOW)	EACH	15
	713-02.21 SIGN POST DELINEATION ENHANCEMENT	L.F.	30
	713-11.02 PERFORATED/KNOCKOUT SQUARE TUBE POST	LB.	517
	713-13.02 FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	S.F.	13
	713-13.03 FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	S.F.	129
	713-15.36 REMOVE SIGN, SUPPORT & FOOTING	EACH	7
	716-01.21 SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	EACH	146
	716-01.22 SNOWPLOWABLE RAISED PAVEMENT MARKERS (MONO-DIR)(1 COLOR)	EACH	146
	716-01.30 REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	EACH	292
(3)	716-02.05 PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	168
(3)	716-02.06 PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH	18
(3)	716-02.08 PLASTIC PAVEMENT MARKING (8" DOTTED LINE)	L.F.	95
(3)	716-02.09 PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	L.F.	472
	716-08.03 REMOVAL OF PAVEMENT MARKING (CROSS-WALK)	L.F.	406
	716-08.06 REMOVAL OF PAVEMENT MARKING (TURN LANE ARROW)	EACH	18
	716-13.02 SPRAY THERMO PVMT MRKNG (60 MIL) (6IN LINE)	L.M.	7
	717-01 MOBILIZATION	LS	1
(6)	730-02.08 SIGNAL HEAD ASSEMBLY (130 POLE MOUNTED)	EACH	1
(4)(6)	730-02.41 SIGNAL HEAD MODIFICATION (RETRO-REFLECTIVE STRIPS)	EACH	8
(6)	730-08.03 SIGNAL CABLE - 7 CONDUCTOR	L.F.	250

FOOTNOTES

- (1) TO BE USED AS DIRECTED BY ENGINEER.
- (2) TRAFFIC CONTROL MEASURE BASED ON STD. DWG T-WZ-10, T-WZ-51, AND T-WZ-55. LANE CLOSURE OR SHOULDER CLOSURE SHALL BE DETERMINED BY THE TDOT SUPERVISOR AND REGIONAL TRAFFIC ENGINEER. SIGNS TO BE USED PER MUTCD STANDARDS WITH DIRECTION FROM THE TDOT PROJECT SUPERVISOR AND REGIONAL TRAFFIC ENGINEER.
- (3) CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.
- (4) INSTALL YELLOW RETROFLECTIVE BORDER STRIPS TO EXISTING SIGNAL HEAD.
- (5) SEE SUBSECTION 209.07 OF THE STANDARD SPECIFICATIONS FOR MAINTENANCE REPLACEMENT. ALL QUANTITIES ARE TO BE USED AS DIRECTED BY THE ENGINEER.
- (6) EQUIPMENT AND INSTALLATION OF TRAFFIC SIGNALS SHALL COMPLY WITH TDOT STANDARD SPECIFICATION, SECTION 730.

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2023	HSIP-319(16)	2
PS&E	2024	HSIP-319(16)	2

REV. 02/06/24 :
 1. REMOVED THE FOLLOWING ITEM NUMBERS:
 - ITEM NO. 713-15 - REMOVAL OF SIGNS, POSTS, AND FOOTINGS
 - ITEM NO. 716-01.14 - RAISED PAVEMENT MARKER REMOVAL
 2. ADDED THE FOLLOWING ITEM NUMBERS:
 - ITEM NO. 716-01.30 - REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER

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ESTIMATED
ROADWAY
QUANTITIES