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TENNESSEE DEPARTMENT OF TRANSPORTATION
7512 VOLKSWAGEN DRIVE
CHATTANOOGA, TN
JOSEPH H. BURCHFIELD, P.E. NO. 122745

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

SHEET NAME	SHEET NO.
SIGNATURE SHEET	ROADWAY-SIGN3
ROADWAY INDEX AND STANDARD ROADWAY, AND TRAFFIC DESIGN DRAWINGS	1A
ESTIMATED ROADWAY QUANTITIES	2,2-1

YEAR	PROJECT NO.	SHEET NO.
2025	STP/HSIP-40(53)	ROADWAY-SIGN 3
	06S040-F3-005	
	06S040-F8-005	
2025	STP-NH/HSIP-40(50)	
	06S040-F3-003	
	06S040-F8-003	

REV. 12/01/25
SHEET ADDED

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**SIGNATURE
SHEET**

TYPE	YEAR	PROJECT NO.	sheet no.
RESURF.	2025	STP/HSIP-40(53)	2
		06S040-F3-005	
		06S040-F8-005	

REV. 12/01/2025 UPDATED
ITEM 411-01.10

ESTIMATED ROADWAY QUANTITIES (SR-40 LM 1.150 - LM 2.400)

ITEM NO.	DESCRIPTION	UNIT	QUANTITY 06S040-F8-005	QUANTITY 06S040-F3-005	TOTAL QUANTITY
(1) 208-01.05	BROOMING & DEGRASSING SHOULDERS	L.M.	4.07		4.07
(2) 303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	251		251
(3) 307-01.08	ASPHALT CONCRETE MIX (PG 64-22) (BPMB-HM) GRADING B-M2	TON	724		724
(4) 403-02.01	TRACKLESS TACK COAT	TON	38		38
(5) 411-01.10	ACS MIX(PG64-22) GRADING D	TON	6810		6810
(6) 411-01.21	LONGITUDINAL JOINT SEALANT	L.M.	2.9		2.9
	411-12.04 SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (4" WIDTH)	L.M.		2.6	2.6
(7) 415-01.01	COLD PLANING BITUMINOUS PAVEMENT	TON	2962		2962
(8) 705-04.21	GUARDRAIL DELINEATION ENHANCEMENT	L.F.		4925	4925
	712-01 TRAFFIC CONTROL	LS	0.5		0.5
	712-04.01 FLEXIBLE DRUMS (CHANNELIZING)	EACH	50		50
(9) 712-06	SIGNS (CONSTRUCTION)	S.F.	2257		2257
	712-08.03 ARROW BOARD (TYPE C)	EACH	1		1
	713-16.01 CHANGEABLE MESSAGE SIGN UNIT	EACH	1		1
	716-01.21 SNOWPLAOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	EACH	305		305
	716-01.22 SNOWPLOWABLE RAISED PAVEMENT MARKERS (MONO-DIR) (1-COLOR)	EACH	15		15
	716-01.23 SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (2 COLOR)	EACH	120		120
	716-02.03 PLASTIC PAVEMENT MARKING (CROSS-WALK)	L.F.		45	45
(10) 716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	S.Y.		330	330
(10) 716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.		412	412
(10) 716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH		4	4
(10) 716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	L.F.		366	366
(10) 716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	S.F.		108	108
(10) 716-04.13	PLASTIC PAVEMENT MARKING (BIKELANE SYMBOL & ARROW)	EACH		10	10
(11) 716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	L.M.	7.8	2.5	10.3
(12)(13) 716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	L.M.	7.8		7.8
(13)(14) 716-12.05	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	L.F.	13470		13470
	717-01 MOBILIZATION	LS	0.5		0.5

FOOTNOTES

- (1) INCLUDES THE COST OF REMOVING DEBRIS AND SWEEPING SHOULDERS PRIOR TO WORK.
- (2) TO BE USED FOR REPAIRS AS DIRECTED BY THE TDOT ENGINEER.
- (3) TO BE USED AS DIRECTED BY THE TDOT PROJECT ENGINEER.
- (4) INCLUDES 2 TONS FOR CROSS-OVERS, COUNTY RDS, DRIVEWAYS AND BUSINESS ENTRANCES. AND INCLUDES 18.7 TONS FOR RAMP SHOULDERS
- (5) INCLUDES 313 TONS FOR CROSS-OVERS, COUNTY RDS, DRIVEWAYS AND BUSINESS ENTRANCES. AND INCLUDES 3819 TONS FOR RAMP SHOULDERS
- (6) USE CRAFCO PAVEMENT JOINT ADHESIVE #34524 OR PAVON JOINT ADHESIVE BY PAVON CORPORATION
- (7) INCLUDES 310.1 TONS FROM CROSS-OVERS, COUNTY ROADS AND BUSINESS ENTRANCES.
- (8) INCLUDES 4925 LF YELLOW
- (9) SEE SHEET 2F FOR TABULATION.
- (10) CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.
- (11) RESURFACING QUANTITY IS FOR TEMPORARY MARKING ON MILLED SURFACE. SAFETY QUANTITY IS TO SERVE AS TRACER LINE FOR RUMBLE STRIPE INSTALLATION.
- (12) INCLUDES 0.83 LM OF YELLOW AND 0.83 OF WHITE FOR RAMPS.
- (13) CONTRACTOR SHALL USE THE EXTRUDED OR RIBBON METHOD FOR APPLICATION.
- (14) 140 LF TO BE USED AT LM 2.02 FOR MEDIAN CROSS OVER AT OLD POWER LINE RD

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

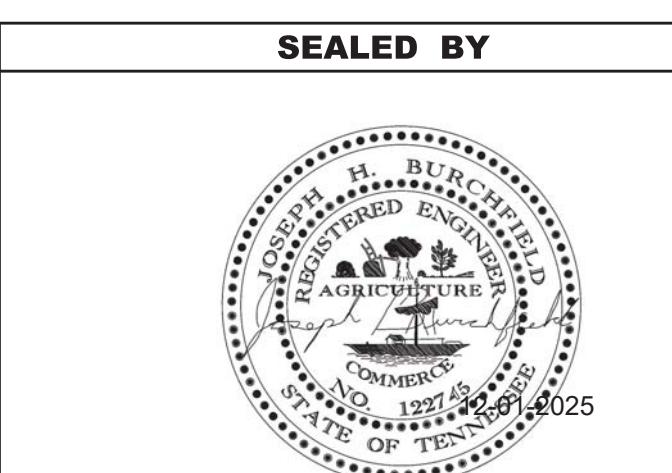
ESTIMATED
ROADWAY
QUANTITIES

TYPE	YEAR	PROJECT NO.	sheet no.
RESURF.	2025	STP-NH/HSIP-40(50)	2-1
		06S040-F3-003	
		06S040-F8-003	

REV. 09/29/2025 UPDATED
ITEM 712-01
REV. 12/01/2025 UPDATED
ITEMS 208-01.05,
411-01.10, and
712-04.01

ESTIMATED ROADWAY QUANTITIES (SR-40 LM 2.400 - LM 4.960)						
	ITEM NO.	DESCRIPTION	UNIT	QUANTITY 06S040-F8-003	QUANTITY 06S040-F3-003	TOTAL QUANTITY
(1)	208-01.05	BROOMING & DEGRASSING SHOULDERS	L.M.	10.24		10.24
(2)	303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	251		251
	307-01.08	ASPHALT CONCRETE MIX(PG 64-22) (BPMB-HM) GRADING B-M2	TON	736		736
(3)	403-02.01	TRACKLESS TACK COAT	TON	74.7		74.7
(4)	411-01.10	ACS MIX(PG64-22) GRADING D	TON	12487		12487
	411-01.21	LONGITUDINAL JOINT SEALANT	L.M.	7.1		7.1
(5)	411-12.02	SCORING SHOULDERS (NON-CONTINUOUS) (16IN WIDTH)	L.M.		5.12	5.12
(5)	411-12.04	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (4IN WIDTH)	L.M.		5.12	5.12
(6)	415-01.01	COLD PLANING BITUMINOUS PAVEMENT	TON	8203		8203
(7)	705-04.21	GUARDRAIL DELINEATION ENHANCEMENT	L.F.		9096	9096
	712-01	TRAFFIC CONTROL	LS	0.5		0.5
	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	50		50
(7)	712-06	SIGNS (CONSTRUCTION)	S.F.	2305		2305
	712-08.03	ARROW BOARD (TYPE C)	EACH	1		1
	713-16.01	CHANGEABLE MESSAGE SIGN UNIT	EACH	1		1
	716-01.23	SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	EACH	130		130
(8)	716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	EACH	130		130
(8)	716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	S.Y.		2100	2100
(8)	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.		870	870
(8)	716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH		27	27
(8)	716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	S.F.		30	30
(9)	716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	L.M.	11	5.12	16.12
	716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	L.M.	11		11
(10)(11)	716-12.05	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	L.F.	1350		1350
(11)	717-01	MOBILIZATION	LS	0.5		0.5

FOOTNOTES
(1) INCLUDES THE COST OF REMOVING DEBRIS AND SWEEPING SHOULDERS PRIOR TO WORK.
(2) TO BE USED FOR REPAIRS AS DIRECTED BY THE TDOT ENGINEER.
(3) INCLUDES 13 TONS FOR CROSS-OVERS, COUNTY RDS, DRIVEWAYS AND BUSINESS ENTRANCES. AND INCLUDES 20.6 TONS FOR RAMP SHOULDERS
(4) INCLUDES 1992 TONS FOR CROSS-OVERS, COUNTY RDS, DRIVEWAYS AND BUSINESS ENTRANCES. AND INCLUDES 4206 TONS FOR RAMP SHOULDERS
(5) USE CRAFCO PAVEMENT JOINT ADHESIVE #34524 OR PAVON JOINT ADHESIVE BY PAVON CORPORATION
(6) 16IN WIDTH TO BE USED FOR WB DIRECTION. 4IN WIDTH TO BE USED FOR EB DIRECTION.
(7) INCLUDES 1973.3 TONS FROM CROSS-OVERS, COUNTY ROADS AND BUSINESS ENTRANCES.
(8) SEE SHEET 2F FOR TABULATION.
(9) CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.
(10) RESURFACING QUANTITY IS FOR TEMPORARY MARKING ON MILLED SURFACE. SAFETY QUANTITY IS TO DERIVE AS TRACER LINE FOR RUMBLE STRIPE INSTALLATION.
(11) INCLUDES 0.84 LM OF YELLOW AND 0.84 OF WHITE FOR RAMPS.
(12) CONTRACTOR SHALL USE THE EXTRUDED OR RIBBON METHOD FOR APPLICATION.



STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION
ESTIMATED ROADWAY QUANTITIES