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ANTHONY L. WASHINGTON, III, P.E. 119749

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
STANDARD TRAFFIC DESIGN DRAWINGS	1A
ESTIMATED ROADWAY QUANTITIES.....	2
TYPICAL SECTIONS AND PAVEMENT SCHEDULE	2B

YEAR	PROJECT NO.	SHEET NO.
2025	STP-NH/HSIP-15(Z38)	ROADWAY-SIGN 3

REV. 11-24-25: ADDED SHEET.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET

ROADWAY INDEX

SHEET NAME	SHEET NO.
SIGNATURE SHEETS.....	ROADWAY-SIGN1
SIGNATURE SHEETS.....	ROADWAY-SIGN2
SIGNATURE SHEETS.....	ROADWAY-SIGN3
TITLE SHEET	1
ROADWAY INDEX, STANDARD ROADWAY DRAWINGS, AND	
STANDARD TRAFFIC DESIGN DRAWINGS.....	1A
ESTIMATED ROADWAY QUANTITIES.....	2
TYPICAL SECTIONS AND PAVEMENT SCHEDULE	2B
GENERAL NOTES.....	2C
SPECIAL NOTES.....	2D
ENVIRONMENTAL NOTES.....	2E, 2E1
TABULATED QUANTITIES	2F
PAVEMENT MARKING IMPROVEMENTS.....	2G, 2G1 – 2G10
UTILITY NOTES, AND UTILITY OWNERS.....	3
PAVEMENT EDGE DROP-OFF NOTES FOR TRAFFIC CONTROL	T1
NOTE: THE ALPHABETICAL LETTERS “I”, “O” & “Q” ARE NOT USED IN THE NUMBERING OF SHEETS.	
NO UTILITY SHEETS ARE INCLUDED IN THIS SET OF PLANS.	
NO PROJECT COMMITMENTS SHEETS ARE INCLUDED IN THIS SET OF PLANS	

STANDARD ROADWAY DRAWINGS

DWG.	REV.	DESCRIPTION
10-100.00 STANDARD ROADWAY TITLE SHEET, ABBREVIATIONS, AND LEGENDS		
RD-A-1	02-20-20	STANDARD ABBREVIATIONS A THROUGH L
RD-A-2		STANDARD ABBREVIATIONS M THROUGH Z
RD-L-1	02-20-20	STANDARD LEGEND
RD-L-1A		STANDARD LEGEND

STANDARD TRAFFIC DESIGN DRAWINGS

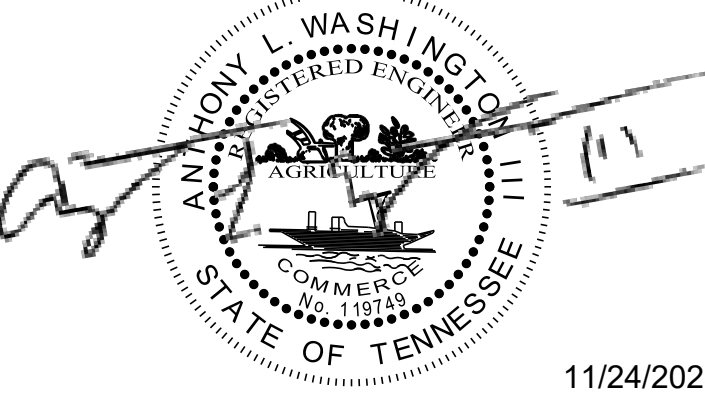
DWG.	REV.	DESCRIPTION
10-201.00 SIGNALS		
T-SG-2	06-27-16	LOOP LEAD-INS, CONDUIT AND PULL BOXES
T-SG-3	07-11-17	STANDARD NOTES AND DETAILS OF INDUCTIVE LOOPS
10-204.00 DESIGN – TRAFFIC CONTROL		
T-M-1	01-24-25	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS AND MARKING ABBREVIATIONS
T-M-2	01-24-25	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS
T-M-3	01-24-25	MARKING STANDARDS FOR TRAFFIC ISLANDS, PAVED SHOULDERS AND MEDIANS FOR CONVENTIONAL ROADS
T-M-4	01-24-25	STANDARD INTERSECTION PAVEMENT MARKINGS
T-M-15	01-24-25	ASPHALT SHOULDER RUMBLE STRIP INSTALLATION DETAILS FOR INTERSTATES AND ACCESS CONTROLLED ROUTES
T-M-15A	01-24-25	ASPHALT SHOULDER RUMBLE STRIP INSTALLATION DETAILS FOR NON-ACCESS CONTROLLED RURAL ROUTES
T-WZ-10	03-26-25	ADVANCE ROAD WORK SIGNING ON HIGHWAYS AND FREEWAYS
T-WZ-11	03-26-25	ONE LANE CLOSURE DETAIL ON DIVIDED HIGHWAYS
T-WZ-12	03-26-25	ONE LANE CLOSURE DETAIL FOR BRIDGES ON DIVIDED HIGHWAYS
T-WZ-40	03-26-25	RIGHT LANE CLOSURES AT NEAR SIDE OF INTERSECTIONS
T-WZ-41	03-26-25	LEFT LANE CLOSURES AT NEAR SIDE OF INTERSECTIONS
T-WZ-FAB1	03-26-25	FLASHING YELLOW ARROW BOARD

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	STP-NH/HSIP-15(238)	1A

REV. 10-30-25: ADDED ROADWAY-SIGN2 TO INDEX.

REV. 11-24-25: ADDED ROADWAY-SIGN3 TO INDEX.

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11/24/2025

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ROADWAY INDEX,
STANDARD ROADWAY
DRAWINGS AND
STANDARD TRAFFIC
DESIGN DRAWINGS

ESTIMATED ROADWAY QUANTITIES					
ITEM NO.	DESCRIPTION	UNIT	QUANTITY 28S015-F8-004	QUANTITY 28S015-F3-004	TOTAL QUANTITY
(1)(2)	208-01.05 Brooming & Degrassing Shoulders	L.M.	33.6		33.6
(2)	303-01 Mineral Aggregate, Type A Base, Grading D	TON	4298		4298
(3)	405-01.01 Bituminous Material (Bsc)	TON	498		498
(4)	405-01.02 Mineral Aggregate (Bsc)	TON	4343		4343
	411-12.01 Scoring Shoulders (Continuous) (16In Width)	L.M.	17		17
	411-12.02 Scoring Shoulders (Non-Continuous) (16In Width)	L.M.	13.6		13.6
(5)	712-01 Traffic Control	LS	1		1
	712-04.01 Flexible Drums (Channelizing)	EACH	100		100
	712-05.03 Warning Lights (Type C)	EACH	25		25
(6)	712-06 Signs (Construction)	S.F.	856		856
	712-08.03 Arrow Board (Type C)	EACH	2		2
(7)	713-02.14 Flexible Delineator (White)	EACH	34		34
	716-01.21 Snowplowable Raised Pavement Markers (Bi-Dir) (1 Color)	EACH	66	26	92
	716-01.22 Snowplowable Raised Pavment Markers (Mono-Dir)(1 Color)	EACH	300	43	343
	716-01.23 Snowplowable Raised Pavement Markers (Bi-Dir)(2 Color)	EACH	600	502	1102
(8)	716-01.30 Removal Of Snowplowable Reflective Marker	EACH	966		966
(9)(10)	716-02.04 Plastic Pavement Marking(Channelization Striping)	S.Y.	728	182	910
(9)(10)(11)	716-02.05 Plastic Pavement Marking (Stop Line)	L.F.	569	12	581
(9)(10)	716-02.06 Plastic Pavement Marking (Turn Lane Arrow)	EACH	35	1	36
(9)(10)	716-02.08 Plastic Pavement Marking (8" Dotted Line)	L.F.		2854	2854
(9)(10)	716-02.12 Plastic Pavement Marking (8In Line)	L.M.	0.4		0.4
(9)(10)	716-03.01 Plastic Word Pavement Marking (Only)	EACH		2	2
(9)(10)	716-04.12 Plastic Pavement Marking (Yield Line)	S.F.	60	30	90
(12)	716-05.20 Painted Pavement Marking (6" Line)	L.M.	76.6		76.6
	716-08.04 Removal Of Pavement Marking (Channelization Striping)	S.Y.	728		728
	716-08.05 Removal Of Pavement Marking (Stop Line)	L.F.	569		569
	716-08.09 Removal Of Pavement Marking (Dotted Line)	L.F.	2854		2854
	716-08.19 Removal Of Pavement Marking (Yield Line)	S.F.	60		60
(13)	716-08.20 Removal Of Pavement Marking (Line)	L.M.	41.7		41.7
(9)(14)	716-09.86 Contrast Pavement Marking 6"	L.M.	2.4		2.4
(9)(15)	716-09.94 Contrast Pavement Shadow Marking 6"	L.M.	0.6		0.6
(9)	716-12.02 Enhanced Flatline Thermo Pvmt Mrkng (6In Line)	L.M.	38.3		38.3
	717-01 Mobilization	LS	1		1
(16)	730-14.02 Saw Slot	L.F.	1570		1570
(16)	730-14.03 Loop Wire	L.F.	3940		3940
	ALTERNATE AA1				
(17)	403-01.01 Bituminous Material For Tack Coat (Micro-Surfacing)	TON	57		57
(18)	414-03.01 Emulsified Asphalt For Micro-Surfacing	TON	580		580
(19)	414-03.02 Aggregate For Micro Surfacing	TON	4819		4819
	415-01.01 Cold Planing Bituminous Pavement	TON	869		869
	ALTERNATE AA2				
(20)	403-01 Bituminous Material For Tack Coat (Tc)	TON	133		133
(21)	411-03.13 Acs Mix(Pg70-22) Thin Lift D Asphalt	TON	17022		17022
	415-01.01 Cold Planing Bituminous Pavement	TON	2314		2314

FOOTNOTES

- (1) INCLUDES THE COST OF REMOVING DEBRIS AND SWEEPING SHOULDERS PRIOR TO WORK. SEE SHEET 2C, PAVEMENT MARKINGS, FINAL PAVEMENT MARKING NOTE 6.
- (2) TO BE USED AS DIRECTED BY THE ENGINEER
- (3) INCLUDES 21 TONS FOR DRIVEWAYS, CITY STREETS AND EXTRA WIDTH PAVING AREAS. ITEM NOT TO BE USED AT SR-11 TO SR-166 (L.M. 11.70 - 12.07), SR-7 (L.M. 14.07 - 14.20), AND OLD FAYETTEVILLE HWY (L.M. 15.80 - 15.86). SEE INTERSECTION MILLING DETAIL ON SHEET 2B.
- (4) INCLUDES 185 TONS FOR DRIVEWAYS, CITY STREETS AND EXTRA WIDTH PAVING AREAS. ITEM NOT TO BE USED AT SR-11 TO SR-166 (L.M. 11.70 - 12.07), SR-7 (L.M. 14.07 - 14.20), AND OLD FAYETTEVILLE HWY (L.M. 15.80 - 15.86). SEE INTERSECTION MILLING DETAIL ON SHEET 2B.
- (5) THE CONTRACTOR SHALL COMPLY WITH SECTION 712 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION REGARDING TEMPORARY TRAFFIC CONTROL AND THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- (6) THE CONTRACTOR IS RESPONSIBLE FOR THE STAKING OF CONSTRUCTION SIGNS. IN THE EVENT THAT A CONSTRUCTION AND/OR REGULATORY SIGN IS TEMPORARILY DISGNATED NOT IN USE DURING THE CONSTRUCTION PHASE OF A PROJECT, THE CONTRACTOR SHALL CHOOSE A SIGN COVERING APPROVED BY THE ENGINEER. TEMPORARY SIGN COVERINGS SHALL NOT BE PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE PRICE BID FOR ITEM NO. 712-06 SIGNS (CONSTRUCTION)
- (7) ITEM TO BE USED AT THE 17 MEDIAN CROSSEOVERS.
- (8) CONTRACTOR SHALL REMOVE EXISTING SPM BY A METHOD THAT DOES NOT DAMAGE THE EXISTING ASPHALT. IF DAMAGE OCCURS DURING REMOVAL THE CONTRACTOR SHALL MAKE REPAIRS AT THEIR OWN EXPENSE BEFORE PAVING.
- (9) TO BE USED AS PERMANENT MARKING ONLY.
- (10) THE CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC. ALL STOP BARS ON SIDE STREETS SHALL BE RETRACED AS DIRECTED BY THE ENGINEER.
- (11) ITEM TO BE USED AS TEMPORARY MARKING ONLY.
- (13) QUANTITY INCLUDES THE REMOVAL OF EXISTING MARKINGS ON BRIDGE DECKS IN ORDER TO RESTRIPE. SEE SHEET 2F, BRIDGE DECK RECOMMENDATIONS (RESURFACING).
- (14) FOR PERMANENT EDGE LINE MARKING ON CONCRETE SURFACES.
- (15) FOR PERMANENT LANE LINE MARKING ON CONCRETE SURFACES. ITEM COST INCLUDES 10 L.F. WHITE MARKING AND 10 L.F. BLACK MARKING.
- (16) SEE SHEET 2F, SIGNAL QUANTITIES FOR LOCATIONS,
- (17) INCLUDES 3 TONS FOR DRIVEWAYS, CITY STREETS AND EXTRA WIDTH PAVING AREAS.
- (18) INCLUDES 23 TONS FOR DRIVEWAYS, CITY STREETS AND EXTRA WIDTH PAVING AREAS.
- (19) INCLUDES 189 TONS FOR DRIVEWAYS, CITY STREETS AND EXTRA WIDTH PAVING AREAS.
- (20) INCLUDES 6 TONS FOR DRIVEWAYS, CITY STREETS AND EXTRA WIDTH PAVING AREAS.
- (21) INCLUDES 668 TONS FOR DRIVEWAYS, CITY STREETS AND EXTRA WIDTH PAVING AREAS.

THERE ARE NO UTILITY ADJUSTMENTS ON THIS PROJECT

THERE IS NO GUARDRAIL WORK ON THIS PROJECT

THERE ARE NO PROJECT COMMITMENTS ON THIS PROJECT

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	STP-NH/HSIP-15(238)	2

REV. 10-30-25: REVISED QUANTITY FOR PAY ITEMS 716-05.20 & 716-12.02. REVISED FOOTNOTE NUMBERS FOR PAY ITEMS 716-09.86, 716-09.94 & 716-12.02.

REV. 11-24-25: REVISED QUANTITY FOR PAY ITEMS 405-01.01 & 405-01.02. REVISED FOOTNOTES 3 & 4.

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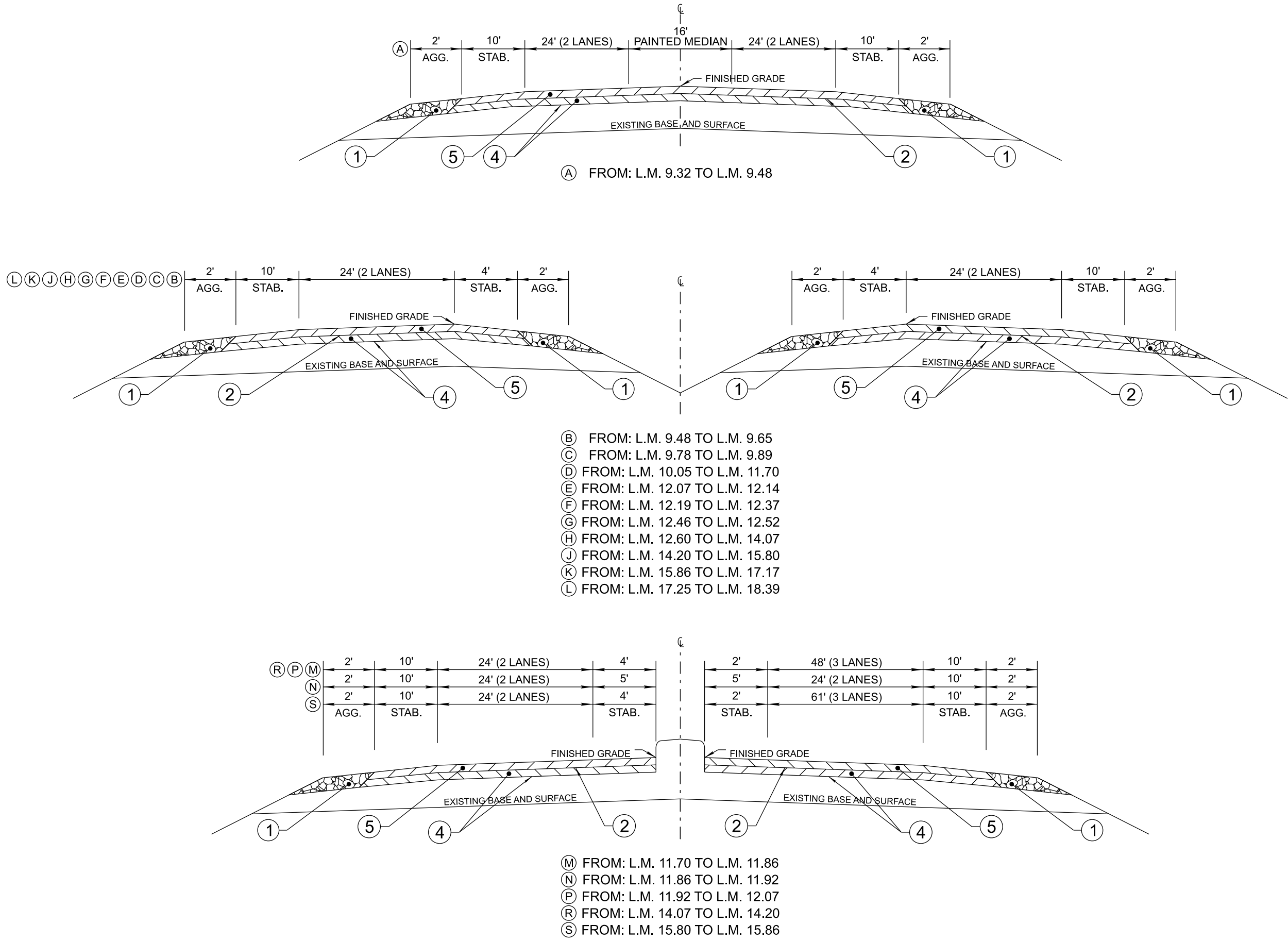


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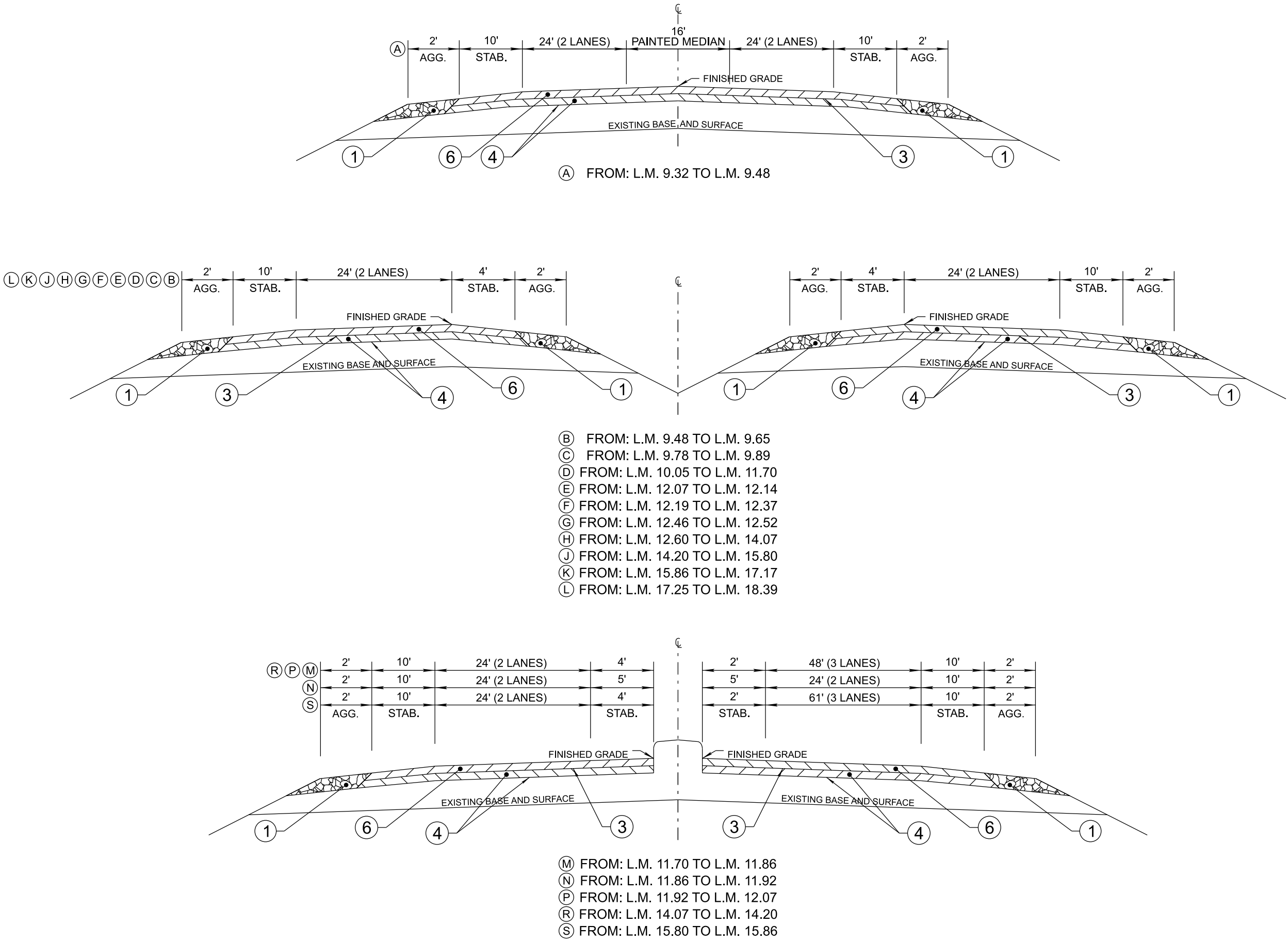
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED
ROADWAY
QUANTITIES

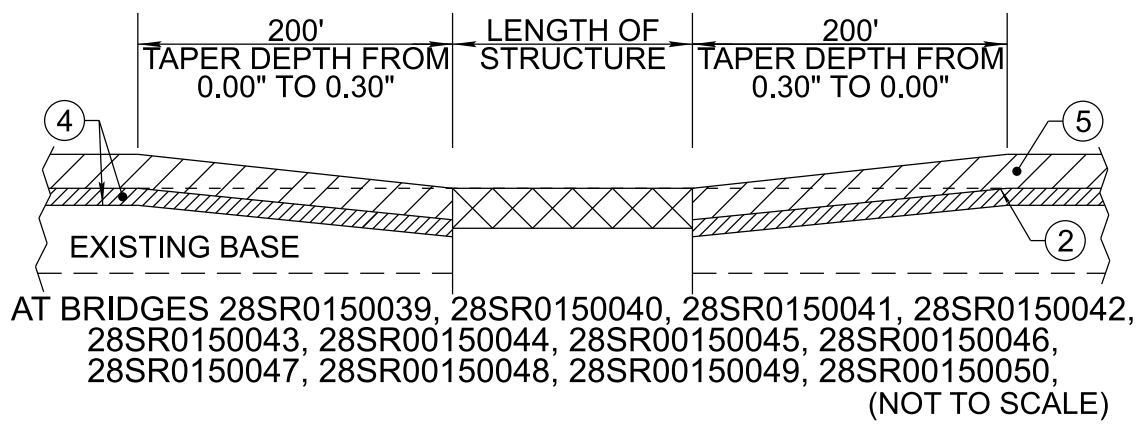
ALTERNATE AA1



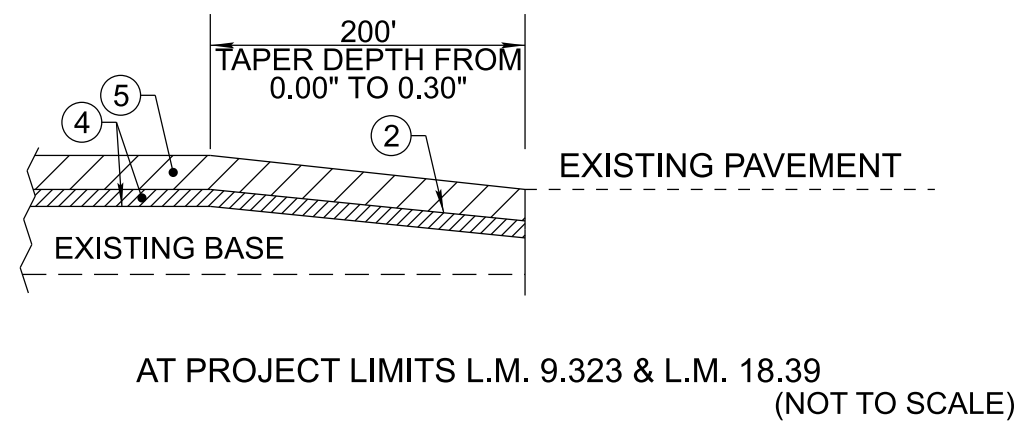
ALTERNATE AA2



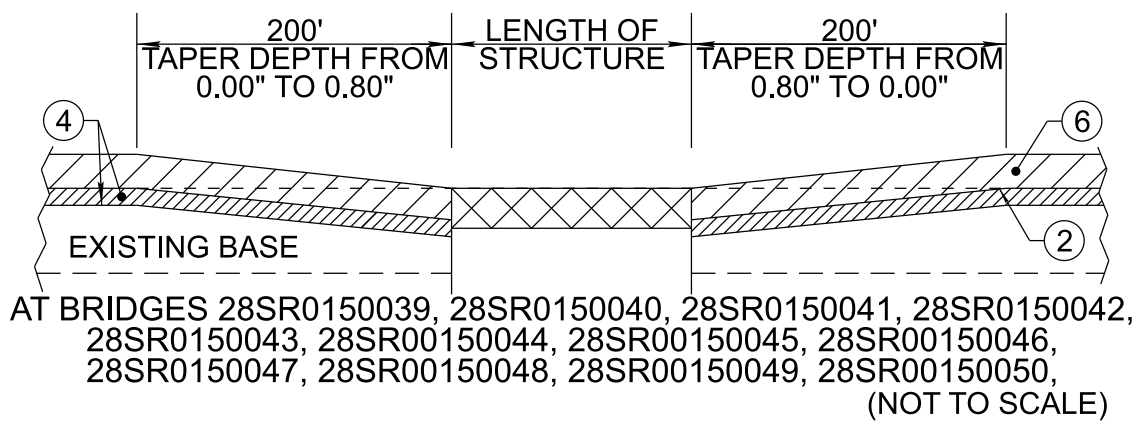
BRIDGE MILLING DETAIL



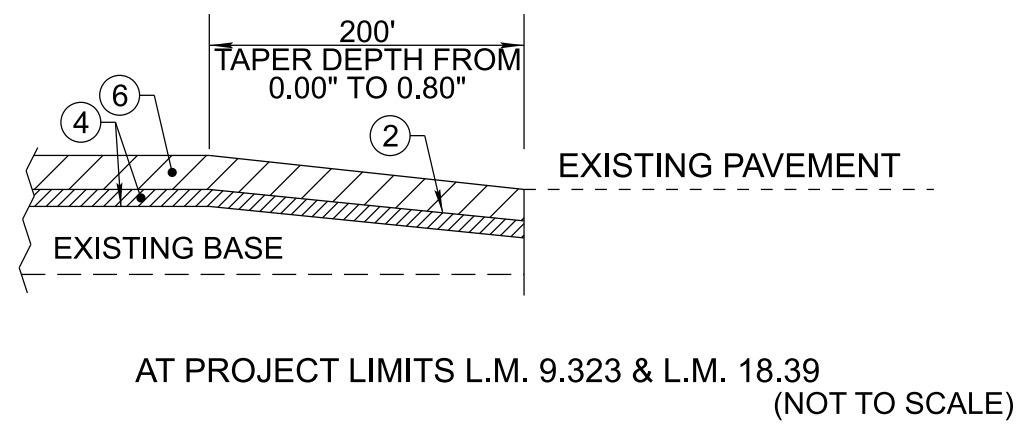
DETAIL OF TAPER MILL



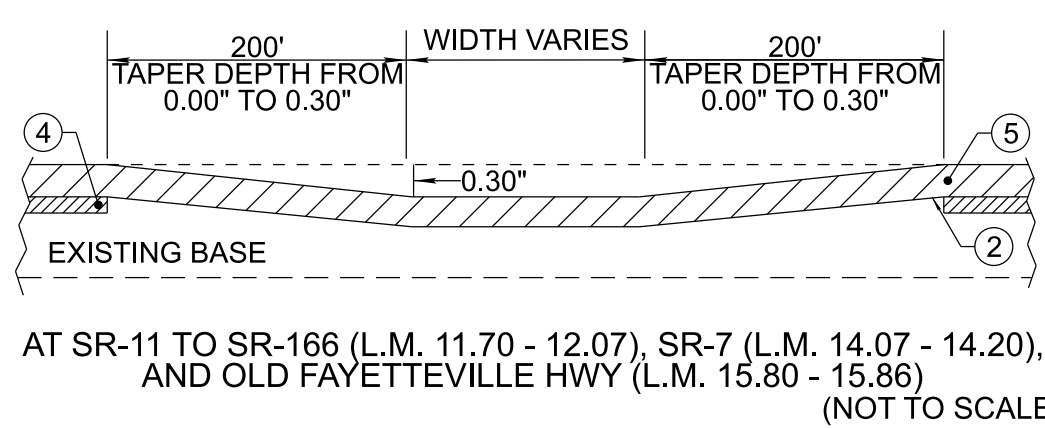
BRIDGE MILLING DETAIL



DETAIL OF TAPER MILL



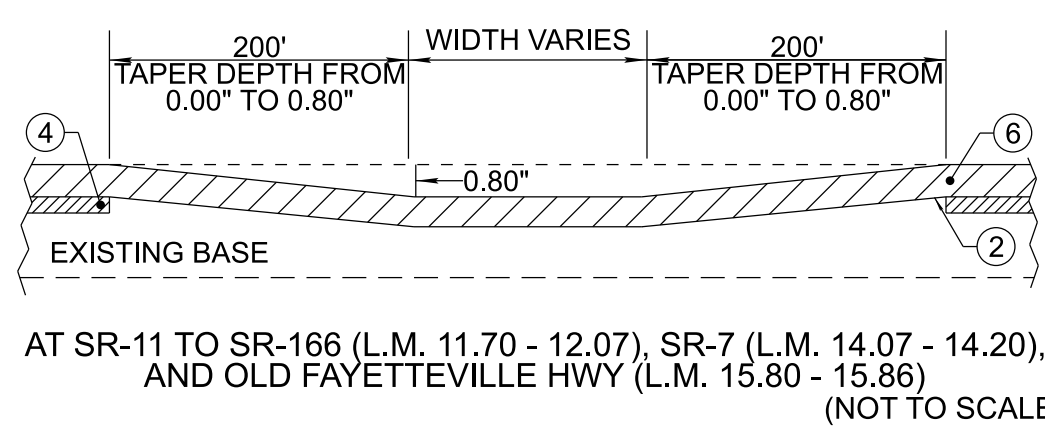
INTERSECTION MILLING DETAIL



PROPOSED PAVEMENT SCHEDULE

①	MINERAL AGGREGATE @ 2.00"± THICK FOR SHOULDERS
ITEM 303-01	MINERAL AGGREGATE, TYPE "A" BASE, GRADING "D"
②	TACK COAT (TC) FOR MICRO-SURFACING
ITEM 403-01.01	BITUMINOUS MATERIAL FOR TACK COAT (TC) SEE 403.05 FOR DETERMINING APPLICATION RATE IN THE FIELD
③	TACK COAT
ITEM 403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC) SEE 403.05 FOR DETERMINING APPLICATION RATE IN THE FIELD
④	BITUMINOUS SEAL COAT (CHIP SEAL)
ITEM 405-01.01	BITUMINOUS MATERIAL (BSC) (AT 0.17 - 0.45 GAL./S.Y.)
ITEM 405-01.02	MINERAL AGGREGATE (BSC) (AT 17.0 - 30.0 LBS./S.Y.)
⑤	MICRO-SURFACING
ITEM 414-03.01	EMULSIFIED ASPHALT FOR MICRO-SURFACING EMULSIFIED ASPHALT (AT 12% OF THE DRY WEIGHT OF AGGREGATE)
ITEM 414-03.02	AGGREGATE FOR MICRO-SURFACING AGGREGATE (AT 24 LBS./S.Y.)
⑥	ASPHALTIC CONCRETE SURFACE (HM) @ 0.80"± THICK (APPROX. 85 LBS./S.Y.)
ITEM 411-03.08	ACS MIX (PG70-22) THIN LIFT ASPHALT

INTERSECTION MILLING DETAIL



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NOT TO SCALE

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL
SECTIONS AND
PAVEMENT
SCHEDULE

REV. 11-24-25: UPDATED INTERSECTION MILLING
DETAILS.

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF	2025	STP-NH/HSIP-15(238)	2B