

ROADWAY INDEX

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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 COMMITMENT 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-TP-1	10-01-24	STANDARD ROADWAY DRAWINGS TITLE SHEET
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
10-204.01 PAVEMENT MARKINGS		
T-M-1	01-24-25	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS AND MARKING ABBREVIATIONS
T-M-3	01-24-25	MARKING STANDARDS FOR TRAFFIC ISLANDS, PAVED SHOULDERS AND MEDIANS FOR CONVENTIONAL ROADS
T-M-5	01-24-25	MARKING DETAIL FOR FREEWAYS
T-M-6	01-24-25	MARKING DETAIL FOR EXPRESSWAY AND FREEWAY INTERCHANGES
T-M-7	01-24-25	GORE MARKING DETAILS FOR EXPRESSWAY & FREEWAY INTERCHANGES
T-M-8	01-24-25	MARKING DETAILS FOR EXPRESSWAYS & FREEWAYS
T-M-9	01-24-25	PAVEMENT MARKING AND SIGNING DETAILS FOR RAMP INTERSECTIONS
T-M-9B	01-24-25	PAVEMENT MARKING AND SIGNING DETAILS FOR RAMP INTERSECTIONS
T-M-15	01-24-25	ASPHALT SHOULDER RUMBLE STRIP INSTALLATION DETAILS FOR INTERSTATE AND ACCESS CONTROLLED ROUTES
T-M-18	01-24-25	FLEXIBLE DELINEATOR DETAILS
T-M-18A	01-24-25	DELINEATOR MOUNTING DETAILS
10-204.02 WORK ZONES		
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-21	03-26-25	LANE CLOSURE WITH LEFT HAND MERGE AND LANE SHIFT
T-WZ-60	03-26-25	FREEWAY RESURFACING SIGNING LAYOUT
T-WZ-63	03-26-25	WORK ZONE IN THE VICINITY OF AN ENTRANCE RAMP
T-WZ-64	03-26-25	WORK ZONE IN THE VICINITY OF AN EXIT
T-WZ-FAB1	03-26-25	FLASHING YELLOW ARROW BOARD

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2025	NH-L75-1(160)	1A

REV. 10-27-25 : ADDED ROADWAY-SIGN2 TO INDEX.
REV. 12-03-25 : ADDED ROADWAY-SIGN3 TO INDEX.

SEALED BY



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ROADWAY INDEX,
STANDARD ROADWAY
DRAWINGS, AND
STANDARD TRAFFIC
DESIGN DRAWINGS

ESTIMATED ROADWAY QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY 54I075-F8-006
(1)	208-01.05 BROOMING & DEGRASSING SHOULDERS	L.M.	16.3
(2)	303-01 MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	3643
	307-01.18 ASPHALT CONCRETE MIX (PG64-22) GRADING CM	TON	4324
	307-03.12 ASPHALT CONCRETE MIX (PG76-22) GRADING CM	TON	11005
(3)	402-01 BITUMINOUS MATERIAL FOR PRIME COAT (PC)	TON	83
(4)	403-01.10 HIGH PERFORMANCE FOG SEALS	S.Y.	19055
	403-02.02 HOT APPLIED TACK COAT	TON	10
(5)	411-03.10 ACS MIX(PG76-22) GRADING D	TON	415
(6)(7)	411-03.23 ACS MIX (PG76-22) OGFC	TON	11140
	411-12.01 SCORING SHOULDERS (CONTINUOUS) (16IN WIDTH)	L.M.	16.2
(8)(9)	415-01.01 COLD PLANING BITUMINOUS PAVEMENT	TON	15666
(10)	705-04.22 GUARDRAIL DELINEATION ENHANCEMENT (BI-DIRECTIONAL)	EACH	3211
(11)	712-01 TRAFFIC CONTROL	LS	1
	712-04.01 FLEXIBLE DRUMS (CHANNELIZING)	EACH	150
	712-05.01 WARNING LIGHTS (TYPE A)	EACH	70
	712-05.03 WARNING LIGHTS (TYPE C)	EACH	30
(12)	712-06 SIGNS (CONSTRUCTION)	S.F.	2161
(13)	712-06.16 SIGNS (CONSTRUCTION)(REDUCED SPEED WARNING)	EACH	4
	712-08.03 ARROWBOARD (TYPE C)	EACH	2
	712-08.08 SPEED FEEDBACK SIGN ASSEMBLY	EACH	2
(14)	712-08.09 DIGITAL SPEED LIMIT SIGN ASSEMBLY	EACH	6
(15)	712-08.12 QUEUE PROTECTION TRUCK	DAY	42
(16)	713-16.01 CHANGEABLE MESSAGE SIGN UNIT	EACH	2
(17)	716-01.23 SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR)(2 COLOR)	EACH	788
(18)(19)	716-01.30 REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	EACH	762
(20)	716-02.05 PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	24
(20)	716-02.07 PLASTIC PAVEMENT MARKING (24" BARRIER LINE)	L.F.	877
	716-04.06 PLASTIC PAVEMENT MARKING (WRONG WAY ARROW)	EACH	2
(20)	716-04.12 PLASTIC PAVEMENT MARKING (YIELD LINE)	S.F.	48
(20)	716-04.14 PLASTIC PAVEMENT MARKING (LANE REDUCTION ARROW)	EACH	4
(21)(22)	716-05.20 PAINTED PAVEMENT MARKING (6" LINE)	L.M.	39.6
	716-08.30 HYDROBLAST REMOVAL OF PAVEMENT MARKING (LINE)	L.M.	1.5
	716-09.86 CONTRAST PAVEMENT MARKING 6"	L.M.	1.5
(22)(23)	716-12.02 ENHANCED FLATLINE THERMO PVM T MRKNG (6IN LINE)	L.M.	19.8
(23)(24)	716-12.03 ENHANCED FLATLINE THERMO PVM T MRKNG (8IN BARRIER LINE)	L.F.	2847
(23)(25)	716-12.05 ENHANCED FLATLINE THERMO PVM T MRKNG (6IN DOTTED LINE)	L.F.	3745
	717-01 MOBILIZATION	LS	1
	ALTERNATE AA1		
(26)(27)	403-02.01 TRACKLESS TACK COAT	TON	232
	ALTERNATE AA2	TON	
(27)	403-02.01 TRACKLESS TACK COAT	TON	81
(28)	403-02.02 HOT APPLIED TACK COAT	TON	112

THERE ARE NO GUARDRAIL ADJUSTMENTS WITHIN THE PROJECT LIMITS.

THERE ARE UTILITY ADJUSTMENTS WITHIN THE PROJECT LIMITS.

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)

INCLUDES 2515 TONS FOR ENTRANCE/EXIT RAMP SHOULDERS. SEE SHEETS 2F, 2G FOR DETAILS.
- (3)

TO BE USED AS DIRECTED BY THE TDOT PROJECT ENGINEER FOR STONE SHOULDER STABILIZATION.
- (4)

TO BE APPLIED TO SHOULDER SCORING BEFORE PERMANENT EDGELINE MARKINGS ARE IN PLACE. SEE SHEET 2B FOR PLACEMENT DETAIL.
- (5)

INCLUDES 288 TONS FOR BRIDGES OVER COUNTY ROAD 50 AND SR-39, & 127 TONS TO BE USED ON GORE AREAS OF EXIT # 42. SEE SHEET 2B & 2G FOR DETAILS.
- (6)

MODIFY AIR VOID CONTENT SPECIFIED IN TABLE 411.03-04 FROM MINIMUM 20% TO MINIMUM 17% AS DETERMINED BY THE "VOLUME METHOD" DESCRIBED IN SECTION 6.2.2 OF AASHTO 269. AGE CANTABRO TEST SPECIMENS FOR 4 HOURS AT LAB COMPACTION TEMPERATURE. TSR TESTING SHALL BE PERFORMED ACCORDING TO THE METHOD DESCRIBED IN 407.03.E.1 FOR OGFC AND MEET A MINIMUM TENSILE STRENGTH OF 50 PSI AND A MINIMUM TSR OF 70%.
- (7)

INCLUDES 165 TONS (APPROX. 15 TONS PER DAY) OF WASTE MATERIAL TO BE USED FOR PLANT START UP AND HEATING UP OF EQUIPMENT AT THE BEGINNING OF EACH SHIFT. INCLUDES 742 TONS FOR EXIT #42. SEE SHEETS 2F, 2G-2G3 FOR DETAILS.
- (8)

MILLED MATERIAL TO BECOME PROPERTY OF THE CONTRACTOR.
- (9)

INCLUDES 1121 TONS FOR EXIT #42 ENTRANCE/EXIT RAMPS, AND 655 TONS FOR BRIDGES OVER COUNTY ROAD 50 AND SR-39. SEE SHEET 2F & 2G FOR DETAILS.
- (10)

DELINEATORS SHALL BE:
--"HINGED-TYPE" FROM TDOTS CURRENT QPL.
--MOUNTED TO GUARDRAIL POSTS AT LOCATIONS AS DIRECTED BY THE TDOT PROJECT ENGINEER.
--ATTACHED TO GUARDRAIL POST AS PER MANUFACTURER'S INSTRUCTION FROM MANUFACTURER'S RECOMMENDED ADHESIVE.
- (11)

INCLUDES ALL COSTS ASSOCIATED WITH NIGHTTIME WORK ZONE LIGHTING.
- (12)

SEE SHEET 2F FOR TABULATION.
- (13)

ITEM TO BE USED ONLY WHEN A REDUCED SPEED LIMIT IS ESTABLISHED WITHIN THE PROJECT CONSTRUCTION WORK ZONE LIMITS. ITEM INCLUDES SIGN FACE, SUPPORTS, AND TWO TYPE "B" FLASHERS PER THE STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TURNING ON THE TYPE "B" FLASHERS WHEN WORKERS ARE IN THE CONSTRUCTION WORK ZONE AND TURNING THEM OFF WHEN WORKERS ARE NO LONGER IN THE CONSTRUCTION WORK ZONE. SEE SHEET T2 FOR SUGGESTED PLACEMENT DETAILS.
- (14)

SEE SHEET T2 FOR SUGGESTED PLACEMENT DETAILS.
- (15)

QUANTITY WILL PROVIDE QUEUE PROTECTION FOR BOTH NIGHTLY PAVING OPERATIONS AND WEEKEND CLOSURES FOR THE BRIDGE WORK AS DIRECTED BY THE ENGINEER.
- (16)

INCLUDES TWO (2) MESSAGE BOARDS TO BE USED ON EXIT #42 ENTRANCE RAMPS TO I-75 AS DIRECTED BY THE ENGINEER.
- (17)

INCLUDES 26 RED/WHITE MARKERS TO BE USED WITH WRONG WAY ARROWS. SEE STD. DWG. T-M-9B DETAIL A FOR ADDITIONAL INFORMATION.
- (18)

TO BECOME PROPERTY OF THE CONTRACTOR. INCLUDES ALL COST ASSOCIATED WITH REMOVAL AND PROPER DISPOSAL.
- (19)

REMOVAL OF EXISTING SPM FROM EXISTING CONCRETE SURFACE SHALL BE DONE IN SUCH A MANNER AS TO MINIMIZE DAMAGE TO THE ADJACENT CONCRETE. INCLUDES ALL COST ASSOCIATED WITH PATCHING VOID AREAS OR DIVOTS ON CONCRETE SURFACES CREATED DURING REMOVAL OF SPM'S WITH MATERIAL APPROVED BY THE TDOT ENGINEER.
- (20)

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.
- (21)

FOR TEMPORARY PAVEMENT MARKINGS ON MILLED SURFACE AND INTERMEDIATE SURFACES.
- (22)

INCLUDES 2 L.M. FOR EXIT #42. SEE SHEET 2F FOR DETAILS.
- (23)

ENHANCED FLATLINE THERMO PVM T MARKING SHALL BE APPLIED USING RIBBON METHOD AS DIRECTED BY THE TDOT PROJECT ENGINEER.
- (24)

INCLUDES 2847 L.F. FOR EXIT #42. SEE SHEET 2F FOR DETAILS.
- (25)

INCLUDES 3745 L.F. FOR EXIT #42. SEE SHEET 2F FOR DETAILS.
- (26)

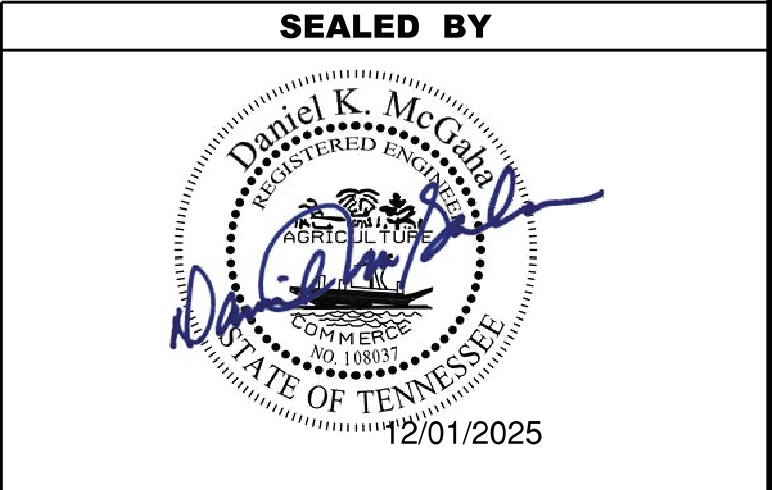
USE AN APPROVED TRACKLESS TACK FROM QPL 40-F APPLIED WITH A DISTRIBUTOR AT A MINIMUM RATE OF 0.20 GAL/SY (APPROXIMATE RESIDUAL RATE 0.10 GAL/SY). PAVING OF THE OGFC SHALL NOT BEGIN UNTIL THE DEPARTMENT IS SATISFIED THAT THE APPLICATION RATE IS ACHIEVED AND THE EMULSION HAS FULLY BROKEN. MULTIPLE PASSES MAY BE REQUIRED. OR, EMULSION TYPE CQS-1HP MAY BE APPLIED WITH A SPRAY PAVER AT AN APPLICATION RATE BETWEEN 0.18 TO 0.23 GAL/SY. THE SPRAY PAVER SHALL BE A SINGLE PIECE OF EQUIPMENT THAT APPLIES THE TACK COAT AND SPREADS THE BITUMINOUS PAVEMENT. AT A MINIMUM THE SPRAY PAVER SHALL MEET THE PAVER REQUIREMENTS OF 407.06 AND THE DISTRIBUTOR REQUIREMENTS IN 402.03.
- (27)

INCLUDES 78 TONS TO BE USED ON MILLED SURFACES USING STANDARD APPLICATION RATE REQUIRED FOR MILLED SURFACES.
INCLUDES 1 TON FOR EXIT #42. SEE SHEET 2F FOR DETAILS.
- (28)

TO BE USED FOR TACK COAT UNDER OGFC. HOT APPLIED TRACKLESS TACK MAY BE EITHER HOT APPLIED TRACKLESS TACK COAT FROM QPL 40 SECTION F. IF USING ASPHALT BINDERS, THE MINIMUM GRADE SHALL BE PG64-22 BUT A HIGHER GRADE MAY BE USED AT THE CONTRACTOR'S DISCRETION.
INCLUDES 8 TONS FOR EXIT #42. SEE SHEET 2F FOR DETAILS.

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2025	NH-L-75-1(160)	2

REV. 12-03-25: REVISED QUANTITY FOR ITEM 411-03.23 AND EDITED FOOTNOTE 7 FOR CLARITY



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED
ROADWAY
QUANTITIES