



SAIN ASSOCIATES
122 SOUTH FIRST STREET
PULASKI, TN
MARK RANDALL, PE NUMBER 115968

SHEET NAME	SHEET NO.
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ESTIMATED ROADWAY QUANTITIES.....	2
TRAFFIC CONTROL PLANS.....	T2

YEAR	PROJECT NO.	SHEET NO.
2025	HSIP-1(378)	ROADWAY-SIGN 3

REV. 02-20-25: ADDED SHEET

**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

SIGNATURE SHEET

PS&E INDEX OF SHEETS

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NOTE: NO PROJECT COMMITMENTS SHEET INCLUDED IN THIS SET OF PLANS.	

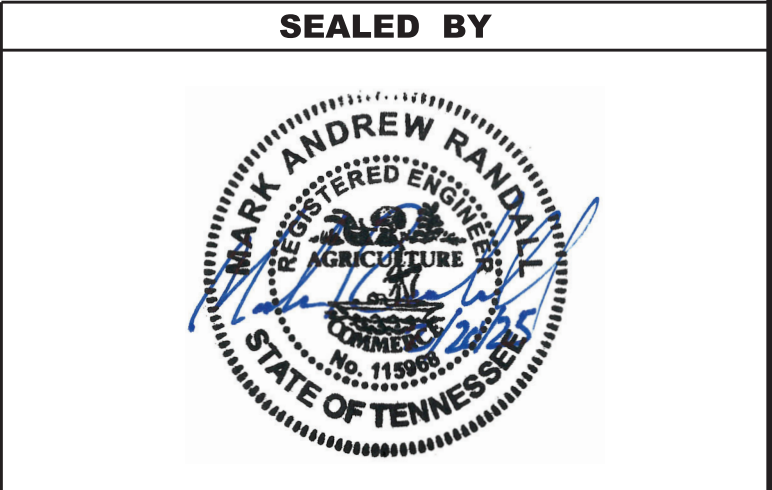
DWG.	REV.	DESCRIPTION
10-100.00 STANDARD ROADWAY TITLE SHEET, ABBREVIATIONS, AND LEGENDS		
RD-TP-1	10-01-24	STANDARD ROADWAY DRAWINGS TITLE SHEET
RD-A-1	02-20-20	STANDARD ABBREVIATIONS A THROUGH L
RD-A-2		STANDARD ABBREVIATIONS M THROUGH Z
RD-L-1	02-20-20	STANDARD LEGEND
RD-L-1A		STANDARD LEGEND
RD-L-2	02-20-20	STANDARD LEGEND FOR UTILITY INSTALLATIONS
RD-L-3	03-01-23	STANDARD LEGEND FOR SIGNALIZATION AND LIGHTING
RD-L-4	10-01-24	STANDARD LEGEND FOR SIGNALIZATION AND LIGHTING
RD-L-5	07-30-24	STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL
RD-L-6	02-20-20	STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL
RD-L-7	02-20-20	STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL
10-101.00 ROADWAY DESIGN STANDARDS		
RD11-SE-1		TRANSITION AND CROSS SLOPE DETAILS
RD11-SE-2		SUPERELEVATION TRANSITION DETAILS FOR UNDIVIDED ROADWAYS
RD11-SE-2A		SUPERELEVATION TRANSITION SECTIONS FOR UNDIVIDED ROADWAYS
RD11-TS-2		DESIGN STANDARDS FOR COLLECTORS, 2-LANE ROADS AND STREETS
RD11-TS-3A	06-28-19	DESIGN STANDARDS FOR ARTERIAL HIGHWAYS WITH DEPRESSED MEDIAN (4 AND 6 LANE)
RD11-TS-4	10-01-24	DESIGN STANDARDS FOR ARTERIAL AND FREEWAY RAMP (1, 2 AND 3 LANE)
RD11-LR-2		MINIMUM RUNOFF LENGTHS (LR) FOR RURAL HIGHWAYS
RD11-S-11		DESIGN AND CONSTRUCTION DETAILS FOR ROADSIDE SLOPE DEVELOPMENT
RD11-S-11A		ROADSIDE DITCH DETAILS FOR DESIGN AND CONSTRUCTION
RD11-SD-1		INTERSECTION SIGHT DISTANCE DESIGN AND GENERAL NOTES
RD11-SD-3		INTERSECTION SIGHT DISTANCE 2-LANE ROADWAYS
RD11-SD-5		INTERSECTION SIGHT DISTANCE 4-LANE DIVIDED HIGHWAYS
10-102.00 PIPE CULVERTS AND ENDWALLS		
D-PB-1	03-01-23	STANDARD DETAILS FOR CONCRETE PIPE INSTALLATION
D-PO-1	06-28-19	STANDARD OVAL AND REINFORCED CONCRETE ARCH PIPE CULVERT
D-PE-18A	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 18" PIPE (FOR 3:1, 4:1 & 6:1 SLOPES)
D-PE-18B	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 18" PIPE, BILL OF STEEL AND PRECAST NOTES
D-PE-30A	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 30" PIPE WITH STEEL PIPE GRATE (FOR 3:1, 4:1 & 6:1 SLOPES)
D-PE-30B	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 30" PIPE, BILL OF STEEL AND PRECAST NOTES
D-PE-36A	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 36" PIPE WITH STEEL PIPE GRATE (FOR 3:1, 4:1 & 6:1 SLOPES)

STANDARD ROADWAY DRAWINGS

DWG.	REV.	DESCRIPTION
D-PE-36B	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 36" PIPE, BILL OF STEEL AND PRECAST NOTES
10-103.00 CATCH BASINS AND MANHOLES		
D-CB-31R	02-20-20	STANDARD PRECAST CIRCULAR NO. 31 CATCH BASIN (FOR USE UNDER CONCRETE MEDIAN BARRIER WALL)
D-CB-31SD	02-20-20	STANDARD 7' X 7' SQUARE CONCRETE NO. 31 CATCH BASIN (FOR USE UNDER CONCRETE MEDIAN BARRIER WALL)
D-CB-31SE	02-20-20	STANDARD 9' X 9' SQUARE CONCRETE NO. 31 CATCH BASIN (FOR USE UNDER CONCRETE MEDIAN BARRIER WALL)
D-CB-42RB	02-20-20	STANDARD PRECAST CIRCULAR NO. 42 CATCH BASIN
D-CB-42S	02-20-20	STANDARD 32" X 32" SQUARE CONCRETE NO. 42 CATCH BASIN
D-CB-42SB	02-20-20	STANDARD 4' X 4' SQUARE CONCRETE NO. 42 CATCH BASIN
D-CB-42SC	02-20-20	STANDARD 5' 2" X 5' 2" SQUARE CONCRETE NO. 42 CATCH BASIN
D-CB-42SD	02-20-20	STANDARD 7' X 7' SQUARE CONCRETE NO. 42 CATCH BASIN
D-CBB-31	02-20-20	TYPE "B" CAST IRON FRAME, GRATE & INLET DETAILS FOR NOS. 31, 41, 45, 46, & 51 TYPE CATCH BASINS
D-CBB-42	10-29-21	CAST IRON GRATE DETAILS FOR NOS. 42, 43 & 44 TYPE CATCH BASINS
10-104.00 ROADWAY, PAVEMENT APPURTENANCES, AND FENCES		
RP-DHO-1	05-01-20	MEDIAN OPENINGS ON 4-LANE DIVIDED HIGHWAY
RD-UD-3	01-09-24	UNDERDRAIN DETAILS
RD-UD-4	06-28-19	UNDERDRAIN LATERAL DETAILS
RD-UD-7	06-28-19	LATERAL UNDERDRAIN ENDWALL DETAIL FOR 3:1 & 4:1 SLOPES
RD-UD-9	06-28-19	LATERAL UNDERDRAIN ENDWALL DETAIL FOR 6:1 SLOPES
10-106.00 SAFETY DESIGN AND GUARDRAILS		
S-CZ-1	06-28-19	CLEAR ZONE CRITERIA
S-PL-1	03-01-23	SAFETY PLAN FOR BARRIER LENGTH OF NEED
S-PL-1A	03-01-23	SAFETY PLAN FOR BARRIER LENGTH OF NEED (FOR RIGID OBJECTS)
S-PL-6	07-30-24	SAFETY PLAN SAFETY HARDWARE PLACEMENT ON OUTSIDE EDGE
S-CC-1	01-09-24	CRASH CUSHION
S-GR31-1	06-15-21	GUARDRAIL DETAILS
S-GR31-1A	06-28-19	GUARDRAIL AND BLOCK-OUT DETAILS
S-GR31-1B		GUARDRAIL FASTENING HARDWARE
S-GR31-1C	07-07-23	GUARDRAIL GENERAL NOTES AND POST DETAILS
S-GRT-2	06-28-19	TYPE 38 GUARDRAIL END TERMINAL
S-GRT-2P	10-16-20	EARTH PAD FOR TYPE 38 AND TYPE 21 TERMINAL
S-GRT-2R	06-28-19	EARTH PAD FOR TYPE 38 AND TYPE 21 TERMINAL (RETROFIT)
S-GRA-3	01-09-24	TYPE 13 GUARDRAIL ANCHOR
S-SSMB-2	10-29-21	51" SINGLE SLOPE CONCRETE BARRIER WALL
S-SSMB-5	05-01-20	SINGLE SLOPE MEDIAN BARRIER WALL CATCH BASIN DETAIL

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	HSIP-1(378)	1A
PS&E	2025	HSIP-1(378)	1A

REV. 02-12-25: UPDATED INDEX SHEET. ADDED STANDARD DRAWINGS D-PE-30A, 30B.
REV. 02-20-25: UPDATED INDEX SHEET.



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ROADWAY INDEX
AND
STANDARD
ROADWAY
DRAWINGS

ESTIMATED ROADWAY QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY 75002-3290-94
(1)	105-01 CONSTRUCTION STAKES, LINES AND GRADES	LS	1
	201-01 CLEARING AND GRUBBING	LS	1
	202-01.50 REMOVAL OF STRUCTURES AND OBSTRUCTIONS	EACH	2
	202-03.01 REMOVAL OF ASPHALT PAVEMENT	S.Y.	5862
	203-01 ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	15761
(14)	203-04 PLACING AND SPREADING TOP SOIL	C.Y.	2063
	203-06 WATER	M.G.	153
	209-05 SEDIMENT REMOVAL	C.Y.	1430
	209-08.02 TEMPORARY SILT FENCE (WITH BACKING)	L.F.	752
	209-08.03 TEMPORARY SILT FENCE (WITHOUT BACKING)	L.F.	14600
(2) (3)	209-08.07 ROCK CHECK DAM PER	EACH	7
(2) (3)	209-08.08 ENHANCED ROCK CHECK DAM	EACH	11
(2),(3)	209-09.01 SANDBAGS	BAG	500
(2),(3)	209-40.41 CATCH BASIN FILTER ASSEMBLY(TYPE 1)	EACH	2
(2),(3)	209-40.44 CATCH BASIN FILTER ASSEMBLY(TYPE 4)	EACH	2
(2) (3)	209-65.03 TEMPORARY DIVERSION CHANNEL	L.F.	450
(2),(3)	303-01 MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	10350
	303-10.01 MINERAL AGGREGATE (SIZE 57)	TON	30
	307-01.08 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	TON	220
	307-01.21 ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING "A-S"	TON	212
	307-02.01 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	TON	360
(2)	307-02.08 ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	TON	652
	307-04.01 ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING "A"	TON	401
	313-03 TREATED PERMEABLE BASE	S.Y.	5047
	402-01 BITUMINOUS MATERIAL FOR PRIME COAT (PC)	TON	9
	402-02 AGGREGATE FOR COVER MATERIAL (PC)	TON	35
(2)	403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	18
	407-20.05 SAW CUTTING ASPHALT PAVEMENT	L.F.	2464
	411-01.07 ACS MIX (PG64-22) GRADING E SHOULDER	TON	296
	411-01.10 ACS MIX(PG64-22) GRADING D	TON	128
	411-02.10 ACS MIX(PG70-22) GRADING D	TON	2215
(2)	415-01.01 COLD PLANING BITUMINOUS PAVEMENT	TON	2109
	501-01.02 PORTLAND CEMENT CONCRETE PAVEMENT (PLAIN) 9"	S.Y.	4588
	604-09.10 CLASS A CONCRETE (ISLAND - 6")	C.Y.	34
	607-03.02 18" CONCRETE PIPE CULVERT (CLASS III)	L.F.	139
	607-06.02 30" CONCRETE PIPE CULVERT (CLASS III)	L.F.	11
(2)	607-57.03 REINFORCED CONCRETE PIPE ARCH (36" X 23")	L.F.	78
	611-07.56 18IN ENDWALL (CROSS DRAIN) 6:1	EACH	3
	611-07.62 30IN ENDWALL (CROSS DRAIN) 6:1	EACH	1
	611-07.65 36IN ENDWALL (CROSS DRAIN) 6:1	EACH	2
	611-31.02 CATCH BASINS, TYPE 31, > 4' - 8' DEPTH	EACH	2
(2),(3)	611-42.01 CATCH BASINS, TYPE 42, 0' - 4' DEPTH	EACH	1
	702-01 CONCRETE CURB	C.Y.	12
	705-01.04 METAL BEAM GUARD FENCE	L.F.	40
	705-04.50 PORTABLE BARRIER RAIL DELINEATOR	EACH	257
	705-06.10 GR TERMINAL TRAILING END (TYPE 13) MASH TL3	EACH	1
(2),(3)	705-06.20 TANGENT ENERGY ABSORBING TERM MASH TL-3	EACH	1
	705-20.72 SELF RESTORING CRASH CUSHN WIDE (MASH TI-3)	EACH	4
	709-05.05 MACHINED RIP-RAP (CLASS A-3)	TON	550
	709-05.06 MACHINED RIP-RAP (CLASS A-1)	TON	191
	709-05.08 MACHINED RIP-RAP (CLASS B)	TON	7
(2),(3)	710-02 AGGREGATE UNDERDRAINS (WITH PIPE)	L.F.	3665
	710-05 LATERAL UNDERDRAIN	L.F.	860
	710-06.13 LATERAL UNDERDRAIN ENDWALL (4:1)	EACH	4
	710-06.15 LATERAL UNDERDRAIN ENDWALL (6:1)	EACH	22
	711-05.71 51IN SINGLE SLOPE CONCRETE BARRIER WALL	L.F.	628
(2),(3)	712-01 TRAFFIC CONTROL	LS	1
	712-02.02 INTERCONNECTED PORTABLE BARRIER RAIL	L.F.	5140
	712-02.60 TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	EACH	13
	712-04.01 FLEXIBLE DRUMS (CHANNELIZING)	EACH	339
	712-04.50 BARRIER RAIL DELINEATOR	EACH	16

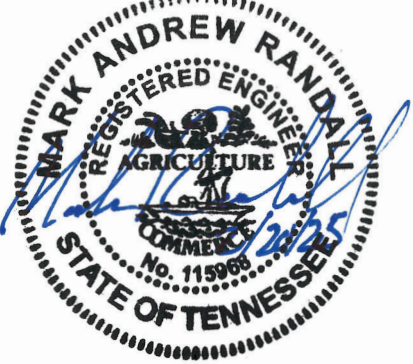
ESTIMATED ROADWAY QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY 75002-3290-94
(1)	712-06 SIGNS (CONSTRUCTION)	S.F.	1142
	712-07.03 TEMPORARY BARRICADES (TYPE III)	EACH	19
	712-08.03 ARROW BOARD (TYPE C)	EACH	2
	712-09.02 REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	L.F.	5583
	712-09.08 REMOVABLE PAVEMENT MARKING (6" line)	L.F.	5560
(14)	713-01.01 CLASS A CONCRETE (FOUNDATION FOR SIGN SUPPORTS)	C.Y.	7
	713-01.02 STEEL BAR REINFORCEMENT(FOUNDATION FOR SIGN SUPPORTS)	LB.	1320
	713-11.05 SQUARE TUBE SIGN SUPPORT	LB.	2590
	713-11.21 P POST SLIP BASE	EACH	53
	713-13.03 FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	S.F.	494
(4) (5)	713-15 REMOVAL OF SIGNS, POSTS AND FOOTINGS	LS	1
	713-15.02 REMOVAL & RELOCATION OF SIGN & SUPPORT	EACH	1
	713-15.07 SUSPENDED FLAT SHEET ALUMINUM SIGN (0.080" THICK)	EACH	9
	713-16.01 CHANGEABLE MESSAGE SIGN UNIT	EACH	2
	714-05.04 PULL BOXES (TYPE C)	EACH	9
(6)	714-06.08 CABLE (2/C #6 AWG)	L.F.	1200
	714-09.03 LUMINAIRES (250 WATT LED)	EACH	5
	716-01.13 RAISED PVMT MARKERS (BI-DIRECTIONAL) (2 COLOR LENS)	EACH	75
	716-01.21 SNOWPLOWABLE RAISED PAVEMENT MARKERS (BI-DIR) (1 COLOR)	EACH	4
	716-01.22 SNOWPLOWABLE RAISED PAVMENT MARKERS (MONO-DIR)(1 COLOR)	EACH	150
(6)	716-01.30 REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	EACH	150
	716-02.04 PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	S.Y.	425
	716-02.05 PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	290
	716-02.06 PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH	13
	716-02.07 PLASTIC PAVEMENT MARKING (24" BARRIER LINE)	L.F.	79
(6)	716-02.08 PLASTIC PAVEMENT MARKING (8" DOTTED LINE)	L.F.	510
	716-02.11 PLASTIC PAVEMENT MARKING (6" DOTTED LINE)	L.F.	465
	716-02.12 PLASTIC PAVEMENT MARKING (8IN LINE)	L.M.	1
	716-03.01 PLASTIC WORD PAVEMENT MARKING (ONLY)	EACH	4
	716-04.06 PLASTIC PAVEMENT MARKING (WRONG WAY ARROW)	EACH	2
(6)	716-04.07 PLASTIC PAVEMENT MARKING (EXIT ONLY ARROW)	EACH	1
	716-04.12 PLASTIC PAVEMENT MARKING (YIELD LINE)	S.F.	45
	716-04.14 PLASTIC PAVEMENT MARKING (LANE REDUCTION ARROW)	EACH	2
	716-05.50 PAINTED PAVEMENT MARKING (8" LINE)	L.F.	160
	716-12.02 ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	L.M.	4
(7,8)	717-01 MOBILIZATION	LS	1
	730-02.03 SIGNAL HEAD ASSEMBLY (130 A3 WITH BACKPLATE)	EACH	4
	730-02.09 SIGNAL HEAD ASSEMBLY (130 WITH BACKPLATE)	EACH	13
	730-02.11 SIGNAL HEAD ASSEMBLY (130 A2 WITH BACKPLATE)	EACH	3
	730-02.17 SIGNAL HEAD ASSEMBLY (150 A2H WITH BACKPLATE)	EACH	1
(9)	730-03.21 INSTALL PULL BOX (TYPE B)	EACH	9
	730-03.24 INSTALL PULL BOX (FIBER OPTIC-TYPE B)	EACH	3
	730-03.33 FIBER OPTIC SPLICE FUSION	EACH	12
	730-03.36 FIBER SPLICE ENCLOSURE (N LOWERY ST (SR 1) & Jefferson Pike))	EACH	3
	730-03.40 NETWORK SWITCH (TYPE A)	EACH	3
(10)	730-03.54 FIBER OPTIC DROP CABLE (12F)	L.F.	150
	730-03.57 FIBER OPTIC DROP PANEL (N LOWERY ST (SR 1) & Jefferson Pike)	EACH	3
	730-05.01 ELECTRICAL SERVICE CONNECTION	EACH	3
	730-08.02 SIGNAL CABLE - 5 CONDUCTOR	L.F.	800
	730-08.03 SIGNAL CABLE - 7 CONDUCTOR	L.F.	3400
(11,12)	730-12.02 CONDUIT 2" DIAMETER (PVC SCHEDULE 40)	L.F.	300
	730-12.03 CONDUIT 3" DIAMETER (PVC SCHEDULE 40)	L.F.	300
	730-12.23 CONDUIT 2" DIAMETER (DIRECTIONAL BORE)	L.F.	640
	730-12.24 CONDUIT 3" DIAMETER (DIRECTIONAL BORE)	L.F.	640
	730-13.08 VEHICLE DETECTOR (RADAR - STOPLINE)	EACH	9
(13)	730-13.09 VEHICLE DETECTOR (RADAR - ADVANCE)	EACH	6
	730-15.07 CABINET (ATC)	EACH	3
	730-16.14 CONTROLLER (ECONOLITE COBALT C)	EACH	3
	730-25.09 CANTILEVER SIGNAL SUPPORT (2 @ 55' & 60')	EACH	2
	730-25.10 CANTILEVER SIGNAL SUPPORT (2 @ 55' & 65')	EACH	1
(13)	730-25.13 CANTILEVER SIGNAL SUPPORT (1 ARM @ 65')	EACH	1

SEE SHEET 2-1 FOR FOOTNOTES

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2024	HSIP-1(378)	2A
PIH	2025	HSIP-1(378)	2
PS&E	2025	HSIP-1(378)	2

REV. 02-12-25: ADJUSTED ITEMS (202-03.01, 203-01, 203-04, 209-08.02, 209-08.03, 209-65.03, 303-01, 402-02, 403-01, 407-20.05, 705-04.50, 712-02.02, 712-02.60, 712-06). REMOVED ITEM 203-07. ADDED ITEMS (307-01.08, 307-02.01, 411-01.10, 607-06.02, 611-07.62, 712-09.08, 716-02.07, 716-05.49)
REV. 02-20-25: CHANGED ITEM 716-05.49 TO 716-05.50.

SEALED BY



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED
ROADWAY
QUANTITIES

SEQUENCE OF CONSTRUCTION

PHASE 1

1. INSTALL ALL TRAFFIC CONTROL SIGNS AND DEVICES.
2. CONSTRUCT THE ENTIRE PORTION OF THE PROPOSED RAMP A FACILITIES FROM STA. 206+02.14 TO STA. 210+71.36, RAMP B1 FACILITIES FROM STA. 41+26.90 TO STA. 42+60.55, RAMP C FACILITIES FROM STA. 604+28.30 TO STA. 612+57.37, RAMP D1 FACILITIES FROM STA. 92+73.00 TO STA. 93+83.52 THROUGH THE UPPER BINDER LAYER.
3. CONSTRUCT THE RAMP A1, RAMP C1, & ACCELERATION LANE FACILITIES.

PHASE II

1. CONSTRUCT THE REMAING PORTION OF THE RAMP B1, & RAMP D1 FACILITIES THROUGH THE UPPER BINDER LAYER.
2. CONSTRUCT THE S.R. 1 LEFT TURN LANE THROUGH THE UPPER BINDER LAYER & REWORK THE NORTHERN MEDIAN NOSE AT JEFFERSON PIKE.
3. CONSTRUCT THE ENTIRE PORTION OF THE PROPOSED JEFFERSON PIKE RIGHT TURN LANE THROUGH THE UPPER BINDER LAYER.
4. REMOVE THE SOUTHBOUND S.R. 1 ACCELERATION LANES FROM STA. 123+62.78 TO STA. 128+17.75 & FROM STA. 136+64.79 TO STA. 141+84.16.
5. PERFORM S.R. 1 MEDIAN WORK FROM STA. 123+76.60 TO STA. 127+89.36 & FROM STA. 137+09.64 TO STA. 141+84.27.
6. CONSTRUCT RAMP A AND RAMP C DETOUR PAVEMENT SECTIONS THROUGH THE FINAL WEARING SURFACE.

PHASE III

1. SHIFT TRAFFIC TO RAMP A & RAMP C DETOURS.
2. CONSTRUCT THE REMAINING PORTION OF THE RAMP A, & RAMP C FACILITIES THROUGH THE UPPER BINDER LAYER.
3. INSTALL SIGNALS AND EQUIPMENT ON S.R. 1.
4. INSTALL FINAL WEARING SURFACE
5. INSTALL THE FINAL PAVEMENT MARKING & PAVEMENT MARKERS.

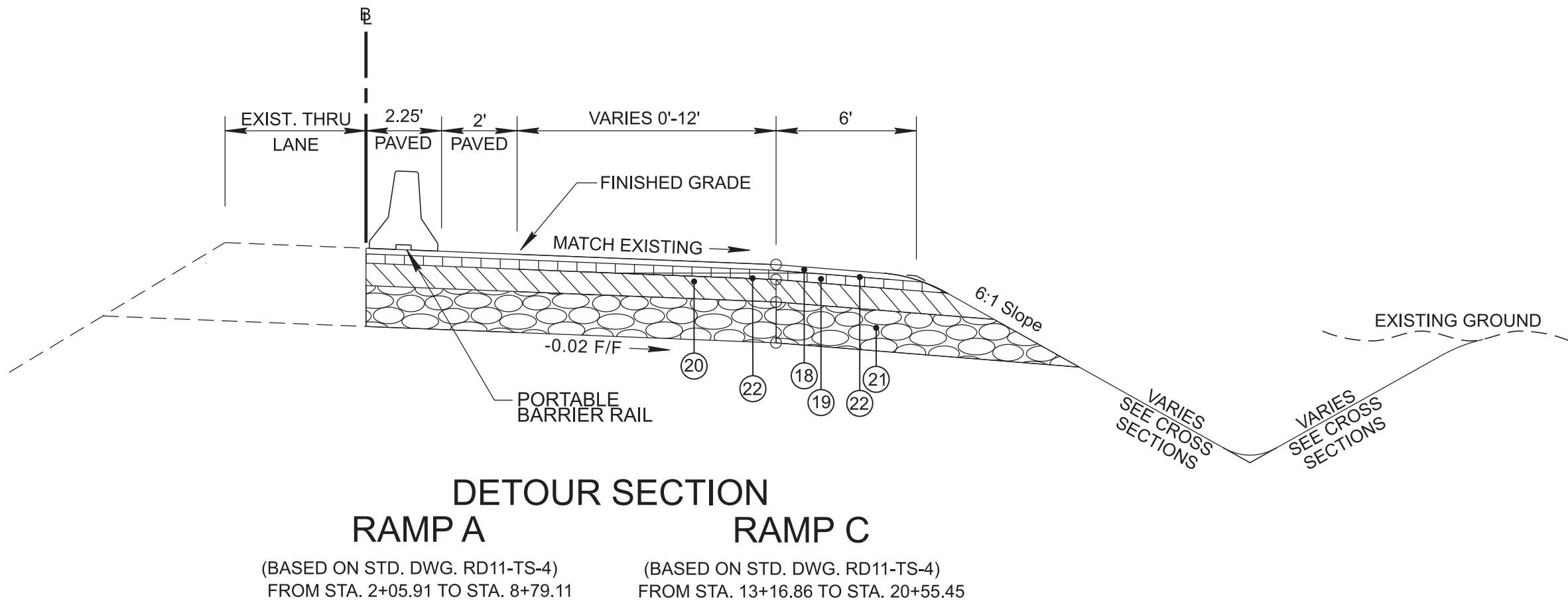
PHASE IV

1. SCARIFY, OBLITERATE, SEED, & GRADE TO DRAIN THE EXISTING S.R. 266 (SAM RIDLEY PKWY) EXIT RAMPS, THE EXISTING PORTIONS OF THE S.R. 266 (SAM RIDLEY PKWY) ENTRANCE RAMPS, RAMP A AND RAMP C DETOURS, AND THE EXISTING S.R. 1 ACCELERATION LANE, AS SHOWN ON PRESENT LAYOUT SHEETS 4, 5, & 6 AND ON TRAFFIC CONTROL SHEETS T5, T5A, & T5B.
2. REMOVE ALL TRAFFIC CONTROL SIGNS AND DEVICES

NOTES:

1. ACCESS TO BUSINESSES MUST BE PROVIDED AT ALL TIMES.

TRAFFIC CONTROL QUANTITIES								
ITEM NO.	DESCRIPTION	M.U.T.C.D. NO.	UNITS	PHASE 1	PHASE 2	PHASE 3	PHASE 4	MAX. OR TOTAL
705-04.50	PORTABLE BARRIER RAIL DELINEATOR	-----	EA.	167	257	134	189	257
712-02-02	INTERCONNECTED PORTABLE BARRIER RAIL	-----	L.F.	3325	5140	2680	3770	5140
712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	-----	EA.	13	12	3	0	13
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	-----	EA.	339	217	74	44	339
712-06	SIGNS (CONSTRUCTION)							
		W20-1	S.F.	201	201	233	256	256
		G20-1	S.F.	21	11	53	53	53
		G20-2	S.F.	48	24	16	16	48
		R5-1	S.F.	90	45	0	0	90
		R11-2	S.F.	20	140	70	30	140
		W21-5L	S.F.	128	64	0	0	128
		W7-3AP	S.F.	18	6	0	0	18
		E5-1	S.F.	60	0	0	0	60
		M3-3	S.F.	6	0	0	0	6
		M4-5	S.F.	6	0	0	0	6
		M6-2	S.F.	13	0	0	0	13
		TN-6B	S.F.	15	0	0	0	15
		M1-1	S.F.	12	0	0	0	12
		E5-2	S.F.	24	0	0	0	24
		R1-2	S.F.	4	0	0	0	4
		W3-2	S.F.	16	0	0	0	16
		W4-1R	S.F.	16	0	0	0	16
		W4-2R	S.F.	32	0	0	0	32
		W20-5R	S.F.	64	0	0	0	64
		W4-2L	S.F.	0	32	0	0	32
		W20-5L	S.F.	0	64	0	0	64
		W13-1P	S.F.		6	13	6	13
		W24-1L	S.F.	0	0	32	0	32
								1142
712-06	TOTAL SQUARE FOOTAGE SIGNS							
712-07.03	TEMPORARY BARRICADES (TYPE III)	-----	EA.	12	19	11	0	19
712-08.03	ARROW BOARD (TYPE C)	-----	EA.	2	2	0	0	2
712-09.02	REMOVABLE PAVEMENT MARKING (8" BARRIER LINE)	-----	L.F.	2751	5883	1455	0	5883
712-09.08	REMOVABLE PAVEMENT MARKING (6" LINE)	-----		988	2015	5560	0	5560
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	-----	EA.	2	2	2	2	2
716-02.07	PLASTIC PAVEMENT MARKING (24" BARRIER LINE)	-----	LF	0	0	79	0	79
716-05.50	PAINTED PAVEMENT MARKING (8" LINE)	-----	LF	0	0	160	0	160



PROPOSED PAVEMENT SCHEDULE - STATE ROUTE 1

18 BITUMINOUS SURFACE COURSE @ 1.25" THICK (APPROX. 132.5 LBS/SY)
ITEM NO. 411-01.10 ACS MIX (PG64-22) GRADING "D"

21 MINERAL AGGREGATE BASE @ 8" THICK (APPROX. 645 LBS/SY)
ITEM NO. 303-01 MINERAL AGGREGATE, TYPE A

19 BITUMINOUS BINDER COURSE @ 2" THICK (APPROX. 226 LBS/SY)
307-01.08 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING "B-M2"

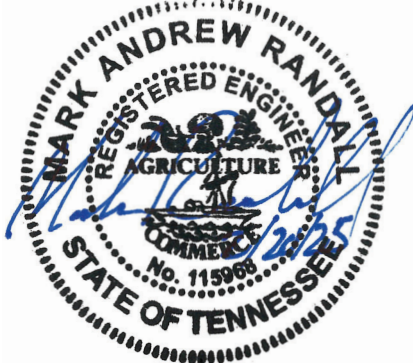
22 TACK COAT
ITEM NO. 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC) (0.07 GAL/SY)

20 MINERAL AGGREGATE BASE @ 3" THICK (APPROX. 345 LBS/SY)
ITEM NO. 307-02.01 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING "A"

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNCT.	2024	HSIP-1(378)	T2
PIH	2025	HSIP-1(378)	T2
PS&E	2025	HSIP-1(378)	T2

REV. 02-12-25: ADDED DETOUR SECTION. UPDATED SEQUENCE OF CONSTRUCTION. ADDED ITEMS 712-09.08, 716-02.07, AND 716-05.49. ADJUSTED ITEMS 712-02.02, 712-02.60, 712-04.50, 712-06, 712-09.02, AND 712-09.08.
REV. 02-20-25: CHANGED ITEM 716-05.49 TO 716-05.50.

SEALED BY



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
PHASING NOTES
AND
TABULATION