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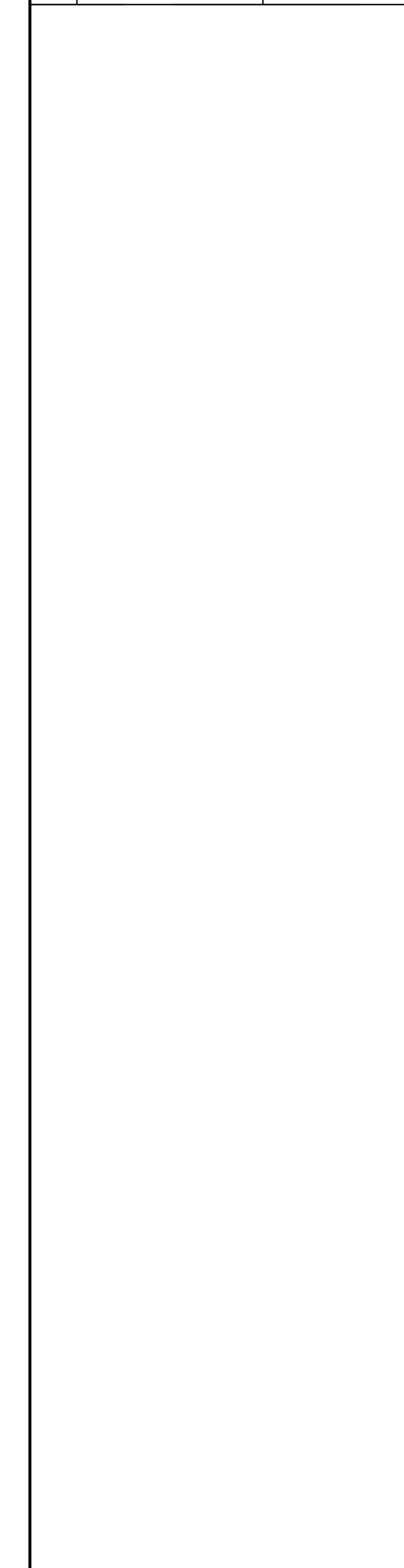
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TENNESSEE DEPARTMENT OF TRANSPORTATION
 7345 REGION LANE
 KNOXVILLE, TENNESSEE 37954
 ERIC KIM, P.E. NO. 127831

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

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YEAR	PROJECT NO.	SHEET NO.
2026	01952-3502-04	ROADWAY-SIGN2



STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION

SIGNATURE SHEET

ROADWAY INDEX

STANDARD ROADWAY DRAWINGS

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NOTE: THE ALPHABETICAL LETTERS "I", "O" & "Q" ARE NOT USED IN NUMBERING OF SHEETS.

STANDARD ROADWAY TITLE SHEET, ABBREVIATIONS, AND LEGEND

DWG.	REV.	DESCRIPTION
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-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

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
RD18-TS-1		RURAL LOCAL ROADS (LOW-VOLUME)
RD18-TS-2A		RURAL LOCAL ROADS AND STREETS
RD18-TS-3A		RURAL MINOR COLLECTOR (2-LANE)
RD11-LR-1		MINIMUM RUNOFF LENGTHS (LR) FOR URBAN 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-2		INTERSECTION SIGHT DISTANCE LANDSCAPE AND OBSTRUCTION
RD11-SD-3		INTERSECTION SIGHT DISTANCE 2-LANE ROADWAYS

PIPE CULVERTS AND ENDWALLS

D-PB-1	03-01-23	STANDARD DETAILS FOR CONCRETE PIPE INSTALLATION
D-PB-2	03-01-23	STANDARD DETAILS FOR FLEXIBLE PIPE INSTALLATION
D-PB-3	11-30-20	INDUCED TRENCH SOIL EMBANKMENT FOR PIPE CULVERT INSTALLATION
D-SEW-1A	07-07-23	TYPE "SAFETY" SIDE DRAIN ENDWALL WITH STEEL PIPE GRATE FOR 15" THRU 48" PIPES, 6:1 SLOPE
D-PE-4	06-28-19	STRAIGHT CONCRETE ENDWALLS (PIPE SIZES 18" TO 30")

CATCH BASINS AND MANHOLES

D-CB-42RB	02-20-20	STANDARD PRECAST CIRCULAR NO. 42 CATCH BASIN
D-RL-3		ROUND LID DETAILS FOR SINGLE OPENING AREA DRAIN
D-RS-1		ROUND STRUCTURES (48" THRU 120")
D-RS-2		PRECAST ROUND STRUCTURES REINFORCEMENT DETAILS
D-RS-3		MISCELLANEOUS DETAILS FOR ROUND STRUCTURES
D-MH-2	02-20-20	STANDARD PRECAST NO. 3 MANHOLE
D-MH-3	02-20-20	TYPICAL DESIGN OF LIDS FOR NO. 3 MANHOLE
D-MH-4	02-20-20	STANDARD NO. 3 MANHOLE CASTINGS AND STEPS

DWG.	REV.	DESCRIPTION
D-RMH-1		PRECAST MANHOLE STRUCTURES (48" THRU 120")

ROADWAY, PAVEMENT APPURTENANCES, AND FENCES

RP-I-5	05-01-20	EXAMPLES OF STREET & ALLEY INTERSECTIONS
RP-R-1	04-21-25	STANDARD RAMP DETAILS FOR ROADWAYS AND DRIVEWAYS
RP-R-1A	04-21-25	STANDARD RAMP DETAILS FOR LOW VOLUME RURAL ROADWAYS
S-F-1	03-01-23	HIGH VISIBILITY FENCE

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-1B	03-01-23	SAFETY PLAN FOR BARRIER LENGTH OF NEED ON CURVED ROADWAYS
S-PL-6	07-30-24	SAFETY PLAN SAFETY HARDWARE PLACEMENT ON OUTSIDE EDGE
S-GR31-1	03-13-25	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-GRS-2	01-28-22	SPECIAL CASE GUARDRAIL ATTACHMENT TO CONCRETE DECKS
S-GRT-2P	10-16-20	EARTH PAD FOR TYPE 38 AND TYPE 21 TERMINAL
S-GRT-3	06-28-19	TYPE 21 GUARDRAIL END TERMINAL
S-GRA-4	03-01-23	IN-LINE GUARDRAIL ANCHOR TO PRIVATE DRIVE

EROSION PREVENTION AND SEDIMENT CONTROL

EC-STR-2	08-01-12	SEDIMENT FILTER BAG
EC-STR-3B	06-15-21	SILT FENCE
EC-STR-3C	03-01-23	SILT FENCE WITH WIRE BACKING
EC-STR-3E	04-01-08	SILT FENCE FABRIC JOINING DETAILS
EC-STR-6	11-30-20	ROCK CHECK DAM
EC-STR-6A	05-06-16	ENHANCED ROCK CHECK DAM
EC-STR-25	08-01-12	TEMPORARY CULVERT CROSSING, CONSTRUCTION EXIT, CONSTRUCTION FORD
EC-STR-27	08-01-12	TEMPORARY SLOPE DRAIN AND BERM
EC-STR-30		INSTREAM DIVERSION (WITHOUT TRAFFIC)
EC-STR-30A		INSTREAM DIVERSION (WITH TRAFFIC)
EC-STR-31		TEMPORARY DIVERSION CHANNEL
EC-STR-31A	04/01/08	TEMPORARY DIVERSION CHANNEL DESIGN
EC-STR-34	05-04-22	EROSION CONTROL BLANKET FOR SLOPE INSTALLATION

NATURAL STREAM DESIGN

D-NSD-30	05-29-25	SUBSTRATE RESTORATION
D-NSD-33	05-01-20	COIR FIBER EROSION CONTROL BLANKET AND COIR FIBER ROLLS

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	01952-3502-04	1A

REV. 03/17/26: ADDED SHEET ROADWAY-SIGN2 TO SHEET INDEX.

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03/17/2026

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ROADWAY INDEX
AND
STANDARD
ROADWAY
DRAWINGS

ESTIMATED ROADWAY QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY 01952-3502-04
(1)	105-01 CONSTRUCTION STAKES, LINES AND GRADES	LS	1
(2)	201-01 CLEARING AND GRUBBING	LS	1
	202-02.01 REMOVAL OF PIPE (24" CMP, STA 53+30 SAWMILL RD.)	L.F.	79
	202-02.02 REMOVAL OF PIPE (12" CMP, STA 45+47 SAWMILL RD.)	L.F.	29
	202-02.03 REMOVAL OF PIPE (12" CMP, STA 52+95 SAWMILL RD.)	L.F.	21
(3)(4)(5)(6)	203-01 ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	32348
(4)	203-02.01 BORROW EXCAVATION (GRADED SOLID ROCK)	TON	6330
(4)(7)	203-03 BORROW EXCAVATION (UNCLASSIFIED)	C.Y.	14765
	203-04 PLACING AND SPREADING TOPSOIL	C.Y.	2184
	203-06 WATER	M.G.	373
	203-07 FURNISHING & SPREADING TOPSOIL	C.Y.	176
	203-08 CHANNEL EXCAVATION (UNCLASSIFIED)	C.Y.	100
(8)	203-20.01 CHANNEL SUBSTRATE	C.Y.	165
	204-01 CULVERT EXCAVATION (UNCLASSIFIED)	C.Y.	335
	204-08 FOUNDATION FILL MATERIAL	C.Y.	55
(9)	208-01.05 BROOMING & DEGRASSING SHOULDERS	L.M.	0.4
(10)(11)	209-02.07 18" TEMPORARY SLOPE DRAIN	L.F.	136
(10)(11)	209-03.31 STREAM MITIGATION-COCONUT FIBER ROLLS	L.F.	593
(10)(11)	209-05 SEDIMENT REMOVAL	C.Y.	165
(10)(11)(12)	209-08.02 TEMPORARY SILT FENCE (WITH BACKING)	L.F.	2590
(10)(11)	209-08.03 TEMPORARY SILT FENCE (WITHOUT BACKING)	L.F.	1180
(10)(11)	209-08.07 ROCK CHECK DAM	EACH	31
(10)(11)	209-08.08 ENHANCED ROCK CHECK DAM	EACH	21
(10)(11)	209-09.03 SEDIMENT FILTER BAG (15' X 15')	EACH	4
(10)(11)	209-65.03 TEMPORARY DIVERSION CHANNEL	L.F.	818
(10)(11)	209-65.04 TEMPORARY IN STREAM DIVERSION	L.F.	170
(13)	303-01 MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	4222
(14)	303-01.01 GRANULAR BACKFILL (ROADWAY)	TON	1635
(15)	303-10.01 MINERAL AGGREGATE (SIZE 57)	TON	116
(16)	307-01.01 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	TON	789
(17)	307-01.08 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	TON	517
(18)	402-01 BITUMINOUS MATERIAL FOR PRIME COAT (PC)	TON	8
(19)(20)	402-02 AGGREGATE FOR COVER MATERIAL (PC)	TON	24
(21)	403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	5
(22)	411-01.10 ACS MIX(PG64-22) GRADING D	TON	637
(23)	415-01.01 COLD PLANING BITUMINOUS PAVEMENT	TON	188
(24)	604-01.01 CLASS A CONCRETE (ROADWAY)	C.Y.	277
(25)	604-01.02 STEEL BAR REINFORCEMENT (ROADWAY)	LB.	41184
(26)	607-05.02 24" CONCRETE PIPE CULVERT (CLASS III)	L.F.	132
(26)	607-39.02 18" PIPE CULVERT (SIDE DRAIN)	L.F.	80
(27)	611-07.01 CLASS A CONCRETE (PIPE ENDWALLS)	C.Y.	6
(28)	611-07.02 STEEL BAR REINFORCEMENT (PIPE ENDWALLS)	LB.	210
	611-07.31 18IN ENDWALL (SIDE DRAIN)	EACH	3
	611-07.32 24IN ENDWALL (SIDE DRAIN)	EACH	1
	611-07.58 24IN ENDWALL (CROSS DRAIN) 4:1	EACH	1
	611-60.10 CATCH BASINS, 60IN ROUND, > 4' - 8' DEPTH	EACH	2
	611-62.01 MANHOLE STRUCTURE, 48IN ROUND, > 4'-8' DEPTH	EACH	1
	621-03.03 24" TEMPORARY DRAINAGE PIPE	L.F.	275
	705-01.04 METAL BEAM GUARD FENCE	L.F.	54
	705-06.01 W BEAM GR (TYPE 2) MASH TL3	L.F.	1931
	705-06.11 GR TERMINAL (IN-INLINE) MASH TL3	EACH	7
	705-06.30 GR TERMINAL (ENERGY ABSORBING) MASH TL2	EACH	3
	706-06.03 RADIUS RAIL	L.F.	329
	706-10.26 ROUNDED END ELEMENT	EACH	7
	707-08.11 HIGH-VISIBILITY CONSTRUCTION FENCE	L.F.	678
(10)(11)(29)	709-05.05 MACHINED RIP-RAP (CLASS A-3)	TON	150
(30)	709-05.06 MACHINED RIP-RAP (CLASS A-1)	TON	1218
(31)	709-05.08 MACHINED RIP-RAP (CLASS B)	TON	56
(32)	709-05.09 MACHINED RIP-RAP (CLASS C)	TON	345
	709-05.10 MACHINED RIP-RAP (GROUTED)	C.Y.	329
	712-01 TRAFFIC CONTROL	LS	1

ESTIMATED ROADWAY QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY 01952-3502-04
(33)	712-02.12 PORTABLE BARRIER RAIL, REDUCED DEFLECTION (MASH TL-3)	L.F.	400
(33)(34)	712-02.60 TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	EACH	6
(33)	712-04.01 FLEXIBLE DRUMS (CHANNELIZING)	EACH	156
	712-04.50 BARRIER RAIL DELINEATOR	EACH	20
	712-05.01 WARNING LIGHTS (TYPE A)	EACH	79
(35)	712-06 SIGNS (CONSTRUCTION)	S.F.	1627
	712-07.03 TEMPORARY BARRICADES (TYPE III)	L.F.	216
	712-09.04 REMOVABLE PAVEMENT MARKING (STOP LINE)	L.F.	21
	712-09.08 REMOVABLE PAVEMENT MARKING (6" line)	L.F.	1
	713-05 STEEL HOLLOW SQUARE POST (BREAKAWAY) SIGN SUPPORTS	LB.	458
	713-11.02 PERFORATED/KNOCKOUT SQUARE TUBE POST	LB.	460
	713-11.21 P POST SLIP BASE	EACH	11
(36)	713-13.02 FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	S.F.	94
(37)	716-02.05 PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	50
(37)	716-04.04 PLASTIC PAVEMENT MARKING (TRANSVERSE SHOULDER)	L.F.	235
	716-05.20 PAINTED PAVEMENT MARKING (6" LINE)	L.M.	0.4
(38)	716-12.02 ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	L.M.	0.9
	717-01 MOBILIZATION	LS	1
(39)	730-40.02 TEMPORARY TRAFFIC SIGNAL SYSTEM	LS	1
(10)(11)(40)	740-10.03 GEOTEXTILE (TYPE III)(EROSION CONTROL)	S.Y.	3395
	740-10.04 GEOTEXTILE (TYPE IV)(STABILIZATION)	S.Y.	4109
	740-11.02 TEMPORARY SEDIMENT TUBE 12IN	L.F.	1426
(10)(11)	801-01.07 TEMPORARY SEEDING (WITH MULCH)	UNIT	100
(41)	801-01.38 NATVE SEED MX FINAL STABILIZATN OF SLOPES	UNIT	42
(10)(11)(42)	801-02 SEEDING (WITHOUT MULCH)	UNIT	108
(43)	801-03 WATER (SEEDING & SODDING)	M.G.	10
(10)(11)(44)	805-12.02 EROSION CONTROL BLANKET (TYPE II)	S.Y.	10869

SEE SHEET 2-1 FOR FOOTNOTES

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2022	01952-2502-04	2A
PS&E	2026	01952-3502-04	2

REV. 09/13/24: ADDED ITEM NO. 607-05.02 AND 611-63.01. DELETED ITEM 607-39.03 AND 611-42.02; REVISED ITEMS 607-39.02.
 REV. 09/13/24: REVISED ITEMS 203-01 AND 203-03.
 REV. 03/17/26: REVISED ITEM 740-10.03.

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GRADED SOLID ROCK DESIGN, QUANTITIES, AND NOTES WERE PROVIDED BY THE TDOT REGION 1 GEOTECHNICAL SECTION.

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED ROADWAY QUANTITIES

FOOTNOTES

- (1) INCLUDES THE FURNISHING, SETTING, MAINTAINING, AND RESETTING, WHEN NECESSARY, THE STAKES, AND FOR PROVIDING ALL LABOR, EQUIPMENT, MATERIALS, AND INCIDENTALS TO COMPLETE THE WORK AS SPECIFIED.
- (2) INCLUDES 5 ACRES ALONG NEW SIA ROAD ALIGNMENT.
- (3) INCLUDES 3980 CY FOR SIDE ROADS, 1217 CY FOR DRIVEWAYS, 694 CY FOR TEMPORARY BERMS, AND 24 CY TEMPORARY CONSTRUCTION EXITS, AND 9795 CY FOR REMOVAL OF UNSUITABLE MATERIAL.
- (4) SEE GRADING SPECIAL NOTES ON SHEET 2D.
- (5) INCLUDES THE COST OF GUARDRAIL TERMINAL EARTH PADS.
- (6) UNSUITABLE MATERIAL IS TO BE HAULED OFF SITE AND IS NOT TO BE USED AS FILL.
- (7) INCLUDES 60 CY FOR SIDE ROADS AND 51 CY FOR PERMANENT EARTH BERM.
- (8) TO BE USED FOR EMBEDMENT BACKFILL MATERIAL.
- (9) INCLUDES THE COST OF REMOVING DEBRIS AND SWEEPING SHOULDERS PRIOR TO WORK.
- (10) ALL EROSION PREVENTION AND SEDIMENT CONTROL QUANTITIES ARE TO BE USED AS DIRECTED BY THE TDOT MANAGER. SEE SUBSECTION 209.07 OF THE STANDARD SPECIFICATIONS FOR MAINTENANCE REPLACEMENT.
- (11) QUANTITY TO BE USED AS DIRECTED BY THE TDOT MANAGER.
- (12) INCLUDES 180 LF FOR SEDIMENT FILTER BAGS AND 468 LF FOR BUFFER ALTERNATIVE.
- (13) INCLUDES 480 TONS FOR SIDE ROADS, 243 TONS FOR DRIVEWAYS, AND 220 TONS FOR STONE SHOULDER.
- (14) INCLUDES 90 C.Y. FOR WINGWALLS.
- (15) INCLUDES 46 TONS FOR SEDIMENT FILTER BAGS AND 70 TONS FOR TEMPORARY CULVERT CROSSINGS.
- (16) INCLUDES 144 TONS FOR SIDE ROADS.
- (17) INCLUDES 83 TONS FOR SIDE ROADS.
- (18) INCLUDES 2 TONS FOR SIDE ROADS AND 1 TON FOR DRIVEWAYS.
- (19) INCLUDES 4 TONS FOR SIDE ROADS.
- (20) ITEM TO BE USED AS DIRECTED BY THE ENGINEER.
- (21) INCLUDES 3 TONS FOR SIDE ROADS.
- (22) INCLUDES 240 TONS FOR SIDE ROADS AND 77 TONS FOR DRIVEWAYS.
- (23) INCLUDES 157 TONS FOR SR-71 AND 34 TONS FOR SAWMILL RD.
- (24) INCLUDES 1 C.Y. FOR EDGE BEAM AND 19 C.Y. FOR WINGWALLS.
- (25) INCLUDES 823 LBS FOR EDGE BEAM AND 1614 LBS FOR WINGWALLS.
- (26) BEDDING MATERIAL SHALL BE INCLUDED IN THE COST OF THE PROPOSED PIPE CULVERT. SEE STANDARD DRAWING NO. D-PB-1 AND D-PB-2 FOR ADDITIONAL DETAILS.
- (27) INCLUDES 4 C.Y. FOR STRAIGHT ENDWALLS.
- (28) INCLUDES 140 LB. FOR STRAIGHT ENDWALLS.
- (29) TO BE USED FOR TEMPORARY CONSTRUCTION EXITS.
- (30) INCLUDES 232 TONS FOR SPECIAL DITCHES AND 1024 TONS FOR EPSC.
- (31) TO BE USED FOR SPECIAL DITCHES.
- (32) INCLUDES 127 TONS FOR BOX CULVERT AT SIA RD. STA. 356+12.24 AND 218 TONS FOR BOX BRIDGE AT SAWMILL RD. STA. 54+10.55.
- (33) QUANTITIES MAY BE INCREASED OR DECREASED BY THE TDOT MANAGER.
- (34) THIS ITEM SHALL BE A PORTABLE ENERGY ABSORBING TERMINAL MEETING THE REQUIREMENTS OF AASHTO MASH FOR TEST LEVEL 3. THE PAY ITEM WILL INCLUDE FURNISHING AND INSTALLING ALL COMPONENTS AS SHOWN ON THE MANUFACTURER'S DRAWING.
- (35) SEE SHEET T2 FOR SIGN TABULATED QUANTITIES. THE CONSTRUCTION SIGNING IS TO BE A MINIMUM. OTHER SIGNS MAY BE REQUIRED AS DIRECTED BY THE TDOT MANAGER.
- (36) SEE SHEETS 18 & 18A FOR SIGN SCHEDULE.
- (37) CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.
- (38) CONTRACTOR SHALL USE THE EXTENDED OR RIBBON METHOD FOR APPLICATION.
- (39) INCLUDES THE COST OF 3 RESIDENTIAL DRIVEWAY SIGNAL DEVICES WHICH INCLUDES ALL EQUIPMENT, MATERIAL, HARDWARE, AND INTERCONNECTS NEEDED TO COMMUNICATE WITH THE PRIMARY SIGNAL.
- (40) INCLUDES 258 SY FOR TEMPORARY CONSTRUCTION EXITS, 248 SY FOR SEDIMENT FILTER BAGS, 1126 SY FOR TEMPORARY DIVERSION CHANNEL, AND 1763 SY FOR SPECIAL DITCHES.

FOOTNOTES

- (41) PERMANENT STABILIZATION WITH NATIVE OR NATURALIZED PERENNIAL VEGETATION IS REQUIRED IN ALL AREAS AUTHORIZED FOR TEMPORARY AND PERMANENT IMPACTS TO STREAMS AND RIPARIAN AREAS, INCLUDING ADJACENT BUFFER ZONES WITHIN 60 FEET OF THE EDGE OF WATER. THE APPROPRIATE SEED MIXTURE FOR THE REGION AND SITE CONDITIONS SHALL BE SELECTED FROM TABLE 7.9-1 (PREFERRED SEED MIXES USING NATIVES OR NATURALIZED PLANTS AND PLANTING DATES) FOUND IN CHAPTER 7.9 (PERMANENT VEGETATION) OF THE TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION (TDEC) TENNESSEE EROSION & SEDIMENT CONTROL HANDBOOK 4TH EDITION.
- (42) THE COST OF FERTILIZER AND LIME USED IN INITIAL SEED BED PREPARATION IS TO BE INCLUDED IN THE COST OF SEEDING. SEE SECTION 801 OF TDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- (43) INCLUDES 10 THOUSAND GALLONS FOR EROSION PREVENTION AND SEDIMENT CONTROL.
- (44) MONOFILAMENT EROSION CONTROL BLANKETS MAY NOT BE USED WITHIN 30 FEET OF TOP OF BANK.

TYPE	YEAR	PROJECT NO.	SHEET NO.
PS&E	2026	01952-3502-04	2-1

REV. 03/17/26: REVISED FOOTNOTE NO. 40.

GRADED SOLID ROCK DESIGN, QUANTITIES, AND NOTES WERE PROVIDED BY THE TDOT REGION 1 GEOTECHNICAL SECTION.

SEALED BY



03/17/2026

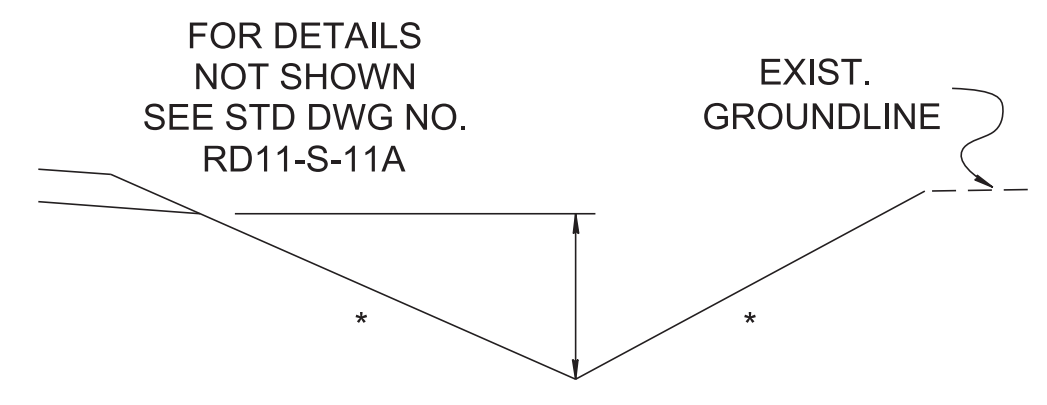
**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

**ESTIMATED
ROADWAY
QUANTITIES**

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2022	01952-2502-04	2B1
PS&E	2026	01952-3502-04	2G1

REV. 03/17/26: REVISED DETAIL OF GROUTED RIP-RAP CHANNEL.

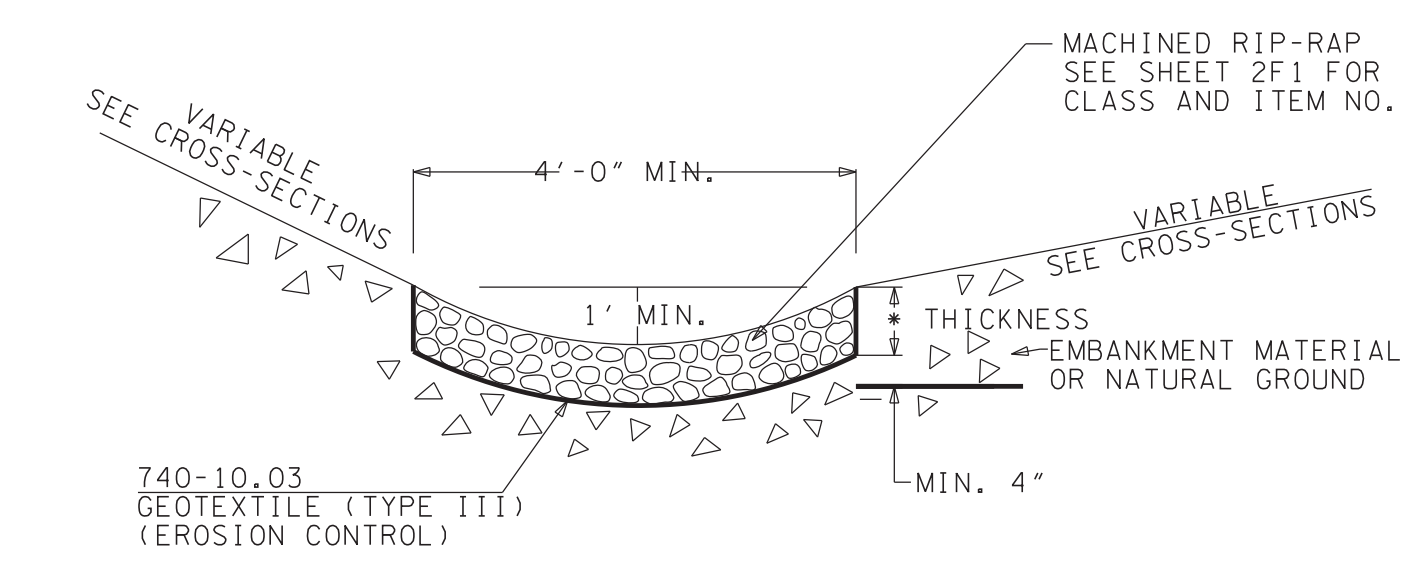


MIN TOP WIDTH = 8'
MIN DEPTH = 2'

PROPOSED "V" SPECIAL DITCH DETAILS

SEE SHEET 2F1 FOR LOCATION AND MATERIALS

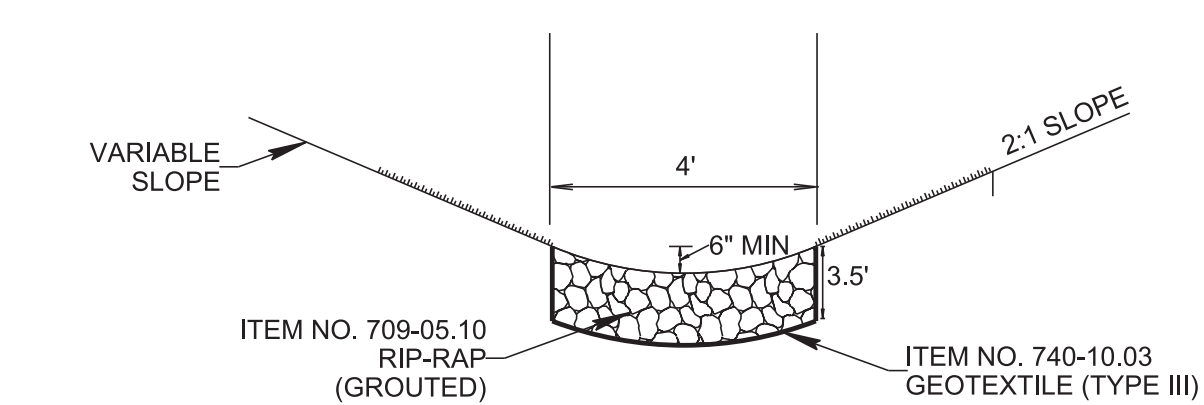
FOR DETAILS NOT SHOWN SEE STD DWG NO. RD11-S-11A



* THICKNESS (THK)
THK = 1'-6" - MACHINED RIP-RAP CLASS "A-1" (ITEM NO. 709-05.06)
THK = 2'-6" - MACHINED RIP-RAP CLASS "B" (ITEM NO. 709-05.08)

DETAIL OF RIP-RAP 'V' DITCH

SEE SHEET 2F1 FOR LOCATIONS AND MATERIALS

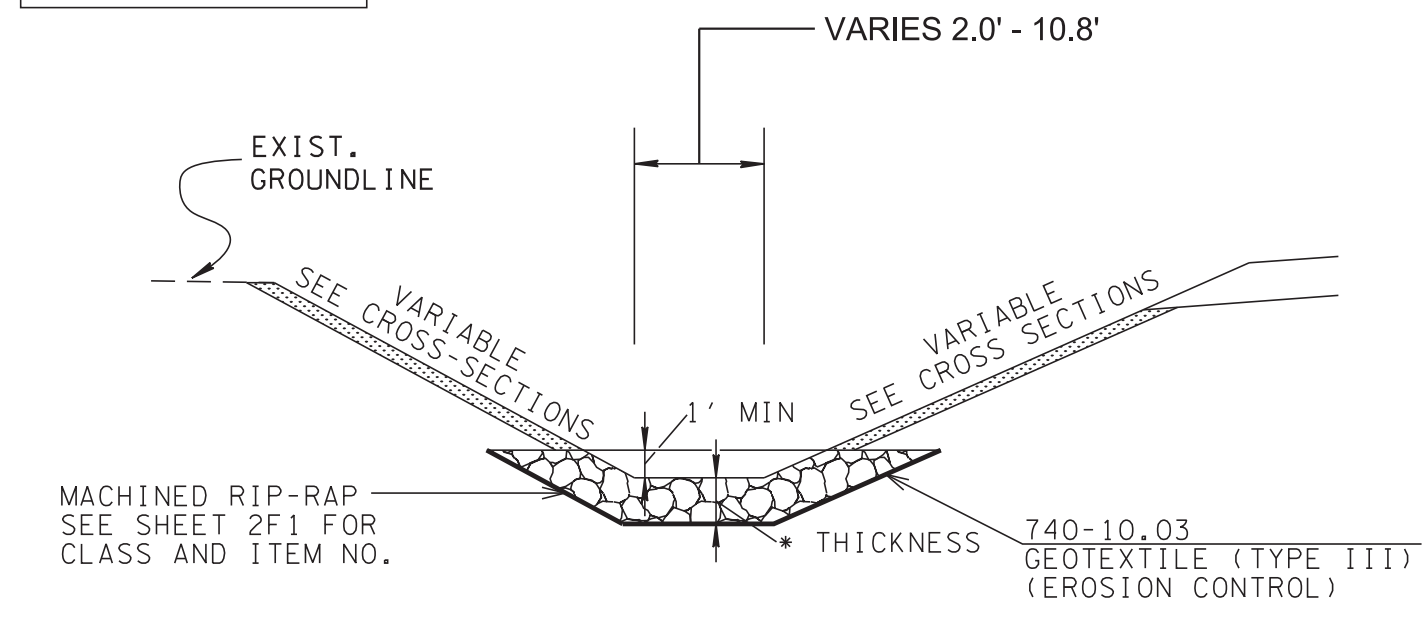


NOTE: FOR GROUT, USE RUNNY CONCRETE WITH MAXIMUM AGGREGATE SIZE OF NO. 8. CONCRETE IS TO BE USED TO "KEY-IN" THE RIP-RAP AND FILL THE VOIDS AND LEAVE 40% TO 60% OF THE STONE 6" ABOVE THE SURFACE.

DETAIL OF GROUTED RIP-RAP CHANNEL

SEE SHEET 2F1 FOR LOCATIONS AND MATERIALS

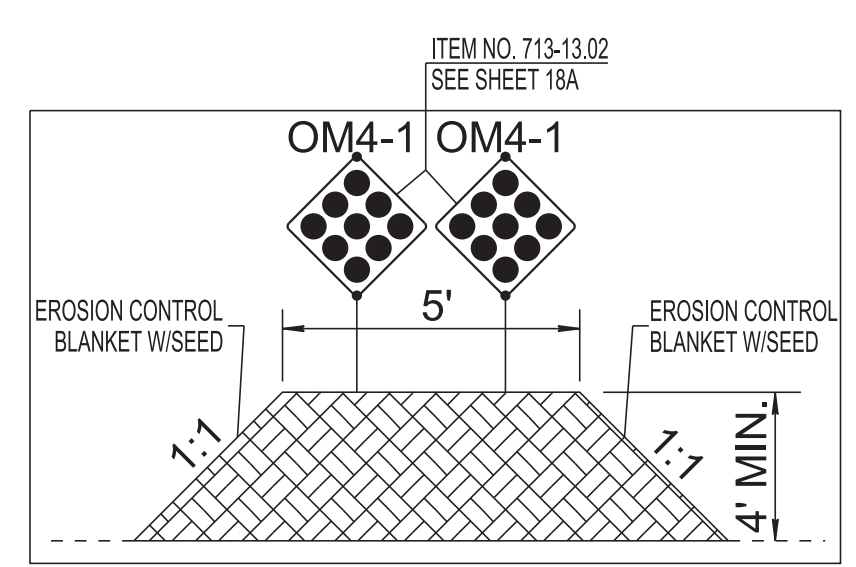
FOR DETAILS NOT SHOWN SEE STD DWG NO. RD11-S-11A



* THICKNESS (THK)
THK = 1'-6" - MACHINED RIP-RAP CLASS "A-1" (ITEM NO. 709-05.06)
THK = 2'-6" - MACHINED RIP-RAP CLASS "B" (ITEM NO. 709-05.08)

DETAIL OF RIP-RAP 'T' DITCH

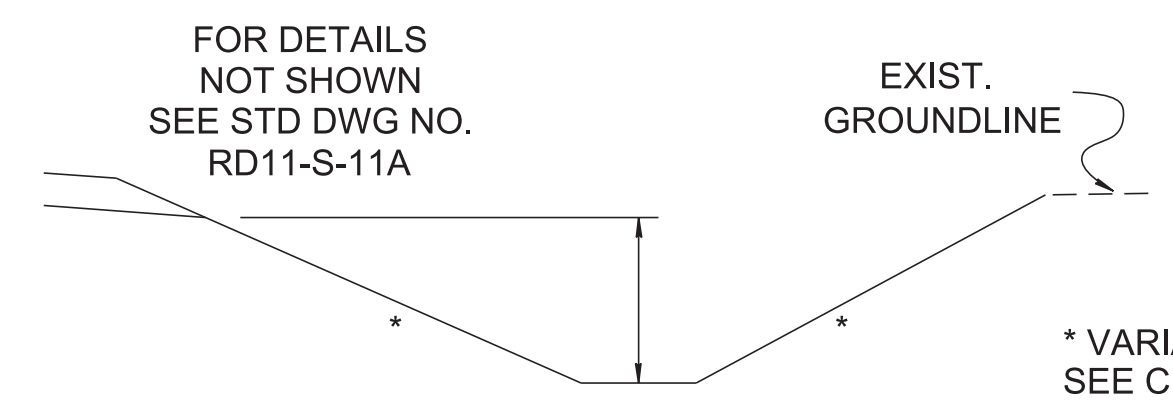
SEE SHEET 2F1 FOR LOCATIONS AND MATERIALS



DETAIL OF EARTH BERM

TO BE LOCATED AT THE END OF DRIVEWAY STA. 360+00.00

OM4-1 SIGNS ARE TO BE INSTALLED FACING THE SIA RD. SEE SHT. 5B FOR BERM LOCATION



MIN TOP WIDTH = 8'
MIN DEPTH = 2'
BOTTOM WIDTH VARIES - SEE CROSS-SECTIONS

PROPOSED "T" SPECIAL DITCH DETAILS

SEE SHEET 2F1 FOR LOCATION AND MATERIALS

SEALED BY

03/17/2026

STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION

DETAIL SHEET

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