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**Ghouse Sundke Mohammed**  
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PARSONS  
6750 LENOX CENTER COURT  
SUITE #117  
MEMPHIS, TN  
GHOUSE SUNDKE MOHAMMED, 113378

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 SHEETS.....	ROADWAY-SIGN4
ROADWAY INDEX AND STANDARD ROADWAY DRAWINGS.....	1A
ESTIMATED ROADWAY QUANTITIES.....	2
TYPICAL SECTIONS AND PAVEMENT SCHEDULE.....	2B, 2B1-2B4
TABULATED QUANTITIES.....	2F1

YEAR	PROJECT NO.	SHEET NO.
2026	391040-S3-006	ROADWAY-SIGN 4

REV. 05-06-2026: ADDED SHEET TO PLANS

**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

**SIGNATURE  
SHEET**

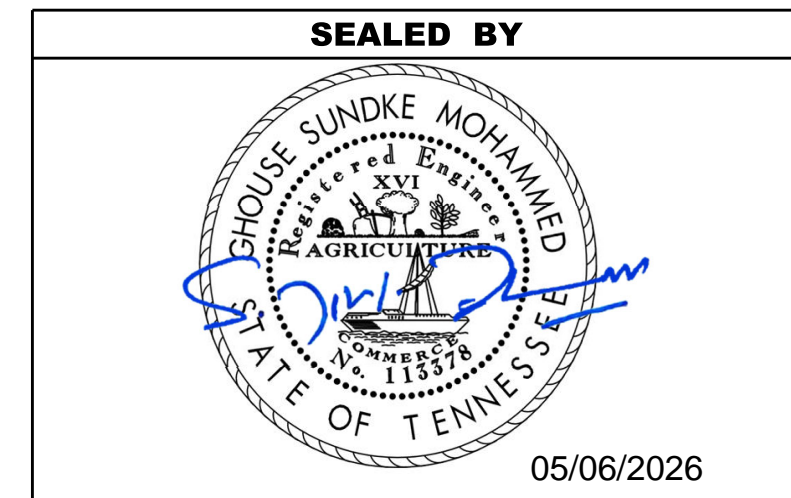
# ROADWAY INDEX

# STANDARD ROADWAY DRAWINGS

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	391040-S3-006	1A
PS&E	2026	391040-S3-006	1A

REV. 03-27-2026: ADDED ROADWAY-SIGN 2  
 REV. 04-14-2026: ADDED ROADWAY-SIGN 3  
 REV. 05-06-2026: ADDED ROADWAY-SIGN 4

SHEET NAME	SHEET NO.	DWG.	REV.	DESCRIPTION	DWG.	REV.	DESCRIPTION
SIGNATURE SHEETS.....	ROADWAY-SIGN1-4	RD-L-7	02-20-20	STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL	<b>10-103.00</b>		<b>CATCH BASINS AND MANHOLES</b>
TITLE SHEET .....	1	RD-L-8	02-20-20	STANDARD LEGEND FOR NATURAL STREAM DESIGN	D-JBS-1	02-20-20	STANDARD 32" X 32" SQUARE CONCRETE NO. 1 JUNCTION BOX
ROADWAY INDEX AND STANDARD ROADWAY DRAWINGS.....	1A			<b>10-101.00 STANDARDS ROADWAY DRAWINGS</b>	<b>10-104.00</b>		<b>ROADWAY, PAVEMENT APPURTENANCES, AND FENCES</b>
STANDARD ROADWAY DRAWINGS.....	1A1	RD11-SE-1		TRANSITION AND CROSS SLOPE DETAILS	RP-I-5	05-01-20	EXAMPLES OF STREET & ALLEY INTERSECTIONS
STANDARD TRAFFIC DESIGN DRAWINGS.....	1A2	RD11-SE-2		SUPERELEVATION TRANSITION DETAILS FOR UNDIVIDED ROADWAYS	S-F-1	03-01-23	HIGH VISIBILITY FENCE
ESTIMATED ROADWAY QUANTITIES.....	2, 2-1	RD11-SE-2A		SUPERELEVATION TRANSITION SECTIONS FOR UNDIVIDED ROADWAYS	S-F-10	07-17-20	STANDARD RIGHT-OF-WAY STOCK FENCE
TYPICAL SECTIONS AND PAVEMENT SCHEDULE.....	2B, 2B1-2B4	RD11-SE-3		SUPERELEVATION TRANSITION DETAILS FOR DIVIDED ROADWAYS	S-F-10A	06-28-19	STANDARD RIGHT-OF-WAY STOCK FENCE WITH TIMBER POSTS
GENERAL NOTES.....	2C, 2C1	RD11-SE-3A		SUPERELEVATION TRANSITION SECTIONS FOR DIVIDED ROADWAYS	S-F-10B	06-28-19	STANDARD RIGHT-OF-WAY CHAIN LINK FENCE
SPECIAL NOTES.....	2D	RD11-TS-4	10-01-24	DESIGN STANDARDS FOR ARTERIAL AND FREEWAY RAMP (1, 2 AND 3 LANE)	S-F-10C	06-28-19	RIGHT-OF-WAY FENCE AT BRIDGES AND BOX CULVERTS
ENVIRONMENTAL NOTES.....	2E	RD11-TS-5	06-28-19	DESIGN STANDARDS FOR FREEWAYS WITH DEPRESSED MEDIAN (4 AND 6 LANE)	S-F-10D	06-28-19	RIGHT-OF-WAY FENCE LOCATIONS AT INTERCHANGES
TABULATED QUANTITIES .....	2F, 2F1	RD11-LR-1		MINIMUM RUNOFF LENGTHS (LR) FOR URBAN HIGHWAYS	S-RP-2	06-28-19	STANDARD CONCRETE RIGHT-OF-WAY MARKERS
DETAIL SHEETS .....	2G, 2G1-2G2	RD11-LR-2		MINIMUM RUNOFF LENGTHS (LR) FOR RURAL HIGHWAYS	<b>10-106.00</b>		<b>SAFETY DESIGN AND GUARDRAILS</b>
RIGHT-OF-WAY NOTES, UTILITY NOTES, AND UTILITY OWNERS.....	3	RD11-S-11		DESIGN AND CONSTRUCTION DETAILS FOR ROADSIDE SLOPE DEVELOPMENT	S-CZ-1	06-28-19	CLEAR ZONE CRITERIA
PROPERTY MAPS AND RIGHT-OF-WAY ACQUISITION TABLE.....	3A – 3C	RD11-S-11A		ROADSIDE DITCH DETAILS FOR DESIGN AND CONSTRUCTION	S-PL-1	03-01-23	SAFETY PLAN FOR BARRIER LENGTH OF NEED
PRESENT LAYOUTS .....	4 – 8	RD-UD-3	01-09-24	UNDERDRAIN DETAILS	S-PL-1A	03-01-23	SAFETY PLAN FOR BARRIER LENGTH OF NEED (FOR RIGID OBJECTS)
RIGHT-OF-WAY DETAILS .....	4A – 8A	RD-UD-4	06-28-19	UNDERDRAIN LATERAL DETAILS	S-PL-1B	03-01-23	SAFETY PLAN FOR BARRIER LENGTH OF NEED ON CURVED ROADWAYS
PROPOSED LAYOUTS.....	4B – 8B	RD-UD-7	06-28-19	LATERAL UNDERDRAIN ENDWALL DETAIL FOR 3:1 & 4:1 SLOPES	S-PL-3	03-01-23	SAFETY PLAN MINIMUM INSTALLATION AT BRIDGE ENDS
RAMP PROFILES.....	9 – 16	RD-UD-9	06-28-19	LATERAL UNDERDRAIN ENDWALL DETAIL FOR 6:1 SLOPES	S-PL-4	01-09-24	SAFETY PLAN FOR BRIDGE PIERS IN DEPRESSED MEDIAN
DRAINAGE MAPS .....	17 – 18			<b>10-102.00 AQUATIC ORGANISM PASSAGE (AOP) DESIGN, PIPE CULVERTS, AND ENDWALLS</b>	S-PL-4A	01-09-24	SAFETY PLAN TO FOR BRIDGE PIERS/ ABUTMENTS OUTSIDE THE SHOULDER
CULVERT SECTIONS.....	19 – 23	D-PB-1	03-01-23	STANDARD DETAILS FOR CONCRETE PIPE INSTALLATION	S-PL-5	06-28-19	SAFETY PLAN FOR BRIDGE ENDS IN MEDIANS
EROSION PREVENTION AND SEDIMENT CONTROL PLANS.....	24-24B, 25-27D	D-PB-2	03-01-23	STANDARD DETAILS FOR FLEXIBLE PIPE INSTALLATION	S-PL-6	07-30-24	SAFETY PLAN SAFETY HARDWARE PLACEMENT ON OUTSIDE EDGE
SIGNING AND PAVEMENT MARKING PLANS .....	28 – 32	D-PB-4	01-09-24	PIPE COLLAR DETAILS	S-PL-6A	06-28-19	SAFETY PLAN SAFETY HARDWARE PLACEMENT IN MEDIAN
SIGN SCHEDULE SHEET.....	33 - 36	D-PE-18A	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 18" PIPE (FOR 3:1, 4:1 & 6:1 SLOPES)	S-CB-1	01-09-24	CABLE BARRIER PLACEMENT
ROADWAY CROSS SECTIONS.....	37 – 100	D-PE-18B	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 18" PIPE, BILL OF STEEL AND PRECAST NOTES	S-GR31-1	10-31-25	GUARDRAIL DETAILS
TRAFFIC CONTROL PLANS .....	T1 – T97	D-PE-24A	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 24" PIPE (FOR 3:1, 4:1 & 6:1 SLOPES)	S-GR31-1A	06-28-19	GUARDRAIL AND BLOCK-OUT DETAILS
GEOTECHNICAL PLANS .....	G-1	D-PE-24B	06-28-19	TYPE "U" CROSS DRAIN ENDWALL FOR 24" PIPE, BILL OF STEEL AND PRECAST NOTES	S-GR31-1B		GUARDRAIL FASTENING HARDWARE
LIGHTING PLANS .....	L-1	D-PE-99	03-04-21	TYPE "U" CROSS DRAIN ENDWALL DETAILS, PIPE GRATE & SKEWED CONNECTION	S-GR31-1C	07-07-23	GUARDRAIL GENERAL NOTES AND POST DETAILS
STORM WATER POLLUTION PREVENTION PLAN (SWPPP) PLANS.....	S-1	D-PE-4	06-28-19	STRAIGHT CONCRETE ENDWALLS (PIPE SIZES 18" TO 30")	S-GRS-4	05-04-22	SPECIAL CASE GUARDRAIL HEIGHT TRANSITION DETAIL
UTILITIES PLANS.....	U1-1	D-PEW-1		PROTECTED ENDWALLS FOR ROUND & OVAL PIPES (PIPE SIZES 18" TO 72", ALL SKEWS, 2:1 & 3:1 SLOPES)	S-GRS-7	01-09-24	SHORT RADIUS-GR SYSTEM (SRGS) CONNECTION TO BRIDGE END
NOTE: THE ALPHABETICAL LETTERS "I", "O" & "Q" ARE NOT USED IN THE NUMBERING OF SHEETS.		D-PEW-2		PROTECTED ENDWALLS FOR ROUND PIPES DETAILS & QUANTITIES (PIPE SIZES 18" TO 72", ALL SKEWS, 2:1 & 3:1 SLOPES)	S-GRS-7A	07-30-24	SHORT RADIUS-GUARDRAIL SYSTEM (SRGS) ANCHOR DETAILS
<b>10-100.00 STANDARD ROADWAY TITLE SHEET, ABBREVIATIONS, AND LEGENDS</b>					S-GRS-7B		SHORT RADIUS-GR SYSTEM (SRGS) EYE-BOLT SPACING DETAILS
RD-TP-1	09-26-16			STANDARD ROADWAY DRAWINGS TITLE SHEET	S-GRT-2	06-28-19	TYPE 38 GUARDRAIL END TERMINAL
RD-A-1	02-20-20			STANDARD ABBREVIATIONS A THROUGH L	S-GRT-2P	10-16-20	EARTH PAD FOR TYPE 38 AND TYPE 21 TERMINAL
RD-A-2				STANDARD ABBREVIATIONS M THROUGH Z	S-GRT-2R	06-28-19	EARTH PAD FOR TYPE 38 AND TYPE 21 TERMINAL (RETROFIT)
RD-L-1	01-30-26			STANDARD LEGEND	S-GRA-3	01-09-24	TYPE 13 GUARDRAIL ANCHOR
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			



**STATE OF TENNESSEE  
 DEPARTMENT OF TRANSPORTATION**

**ROADWAY INDEX  
 AND  
 STANDARD  
 ROADWAY  
 DRAWINGS**

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	391040-S3-006	2
PS&E	2026	391040-S3-006	2

REV. 05-06-2026: DELETED: 307-01.18 & 411-01.01  
 UPDATED : 203-06, 307-03.12, 403-01, 411-03.10, 411-03.23 & 415-01.01.

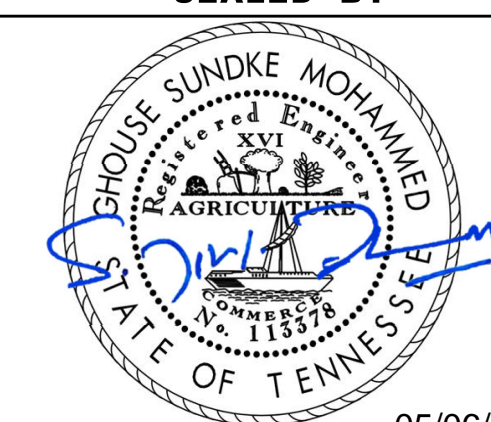
### ESTIMATED ROADWAY QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY 391040-S3-006
105-01	CONSTRUCTION STAKES, LINES AND GRADES	LS	1
201-01	CLEARING AND GRUBBING	LS	1
(1) 202-01	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS	1
(14) 202-03.01	REMOVAL OF ASPHALT PAVEMENT	S.Y.	1851
(2)(3)(6) 203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	28622
203-04	PLACING AND SPREADING TOPSOIL	C.Y.	4944
(4) 203-06	WATER	M.G.	265
203-20.01	CHANNEL SUBSTRATE	C.Y.	19
(22) 204-08.01	BACKFILL MATERIAL (FLOWABLE FILL)	C.Y.	25
(12) 208-01.05	BROOMING & DEGRASSING SHOULDERS	L.M.	5
(13) 209-03.99	PROTECTED AREA MARKER (WHITE WITH DECAL)	EACH	2
(6) 209-05	SEDIMENT REMOVAL	C.Y.	1565
(6) 209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	L.F.	2511
(6) 209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	L.F.	4518
(6) 209-08.07	ROCK CHECK DAM	EACH	45
(6) 209-08.08	ENHANCED ROCK CHECK DAM	EACH	5
(6) 209-09.01	SANDBAGS	BAG	6000
(6) 209-20.03	POLYETHYLENE SHEETING (6 MIL. MINIMUM)	S.Y.	32
(6) 209-40.30	CATCH BASIN PROTECTION (TYPE A)	EACH	4
(6) 303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	20453
303-10.01	MINERAL AGGREGATE (SIZE 57)	TON	13
307-01.01	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A	TON	86
307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	TON	53
307-01.20	ASP. CONC. MIX(PG64-22) (BPMB-HM) GR. A-S	TON	85
307-01.22	ASP. CONC. MIX(PG76-22) (BPMB-HM) GR. A-S	TON	851
307-03.01	ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING A	TON	885
307-03.08	ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING B-M2	TON	3070
307-03.12	ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING CM	TON	3595
(20) 402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	TON	32
402-02	AGGREGATE FOR COVER MATERIAL (PC)	TON	1043
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	23
(16) 403-02.01	(ALTERNATE AA2) TRACKLESS TACK COAT	TON	38
(10) 403-02.02	(ALTERNATE AA1) HOT APPLIED TACK COAT	TON	29
407-20.05	SAW CUTTING ASPHALT PAVEMENT	L.F.	1805
(5)(15) 411-03.10	ACS MIX(PG76-22) GRADING D	TON	1582
411-03.23	ACS MIX (PG76-22) OGFC	TON	2391
411-12.01	SCORING SHOULDERS (CONTINUOUS) (16IN WIDTH)	L.M.	5
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	TON	5563
(8) 607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	L.F.	73
(8) 607-05.02	24" CONCRETE PIPE CULVERT (CLASS III)	L.F.	73
(8) 607-11.02	60" CONCRETE PIPE CULVERT (CLASS II)	L.F.	40
(17) 607-25.01	SAPL TYPE 1 GROUT (PIPE/CULVERT REPAIR)	C.F.	283

### ESTIMATED ROADWAY QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY 391040-S3-006
(17) 607-25.02	SPRAY APPLIED PIPE LINER (SAPL)	C.F.	212
611-02.10	JUNCTION BOX, TYPE 1	EACH	1
611-07.01	CLASS A CONCRETE (PIPE ENDWALLS)	C.Y.	18
611-07.02	STEEL BAR REINFORCEMENT (PIPE ENDWALLS)	LB.	856
611-07.57	24IN ENDWALL (CROSS DRAIN) 3:1	EACH	2
611-07.73	18IN ENDWALL (MEDIAN DRAIN)	EACH	1
(6) 621-03.05	36" TEMPORARY DRAINAGE PIPE	L.F.	140
705-02.10	GUARDRAIL TRANSITION 27IN TO 31IN	EACH	2
705-06.01	W BEAM GR (TYPE 2) MASH TL3	L.F.	2253
705-06.10	GR TERMINAL TRAILING END (TYPE 13) MASH TL3	EACH	2
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	EACH	6
705-06.25	THRIE BEAM BRIDGE TRANSITION MASH TL-3	EACH	2
705-06.40	CABLE BARRIER (MASH TL-3)	L.F.	3782
705-06.41	CABLE BARRIER ANCHOR (MASH TL-3)	EACH	4
706-01	GUARDRAIL REMOVED	L.F.	1782
706-80.18	CABLE BARRIER TERMINAL (REMOVAL)	EACH	4
706-80.19	CABLE BARRIER (REMOVAL)	L.F.	3291
707-03.01	STOCK FENCE	L.F.	1724
707-06.01	REMOVAL OF FENCE (C.A.)	L.F.	1647
(6) 707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	L.F.	2961
708-02.01	MARKERS (CONCRETE R.O.W. POSTS)	EACH	16
(6) 709-05.05	MACHINED RIP-RAP (CLASS A-3)	TON	200
(6) 709-05.06	MACHINED RIP-RAP (CLASS A-1)	TON	68
(9) 709-05.09	MACHINED RIP-RAP (CLASS C)	TON	154
710-02	AGGREGATE UNDERDRAINS (WITH PIPE)	L.F.	4444
710-05	LATERAL UNDERDRAIN	L.F.	1472
710-06.12	LATERAL UNDERDRAIN ENDWALL (3:1)	EACH	7
710-06.15	LATERAL UNDERDRAIN ENDWALL (6:1)	EACH	19
711-05.71	51IN SINGLE SLOPE CONCRETE BARRIER WALL	L.F.	110
712-01	TRAFFIC CONTROL	LS	1
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	L.F.	5000
712-02.60	TEMPORARY WORK ZONE CRASH CUSHION (MASH TL-3)	EACH	9
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	290
712-05.01	WARNING LIGHTS (TYPE A)	EACH	24
712-06	SIGNS (CONSTRUCTION)	S.F.	1048
712-08.03	ARROW BOARD (TYPE C)	EACH	2
(20) 712-08.09	DIGITAL SPEED LIMIT SIGN ASSEMBLY	EACH	2
712-08.12	QUEUE PROTECTION TRUCK	DAY	50
712-09.08	REMOVABLE PAVEMENT MARKING (6" line)	L.F.	35786
713-01.01	CLASS A CONCRETE (FOUNDATION FOR SIGN SUPPORTS)	C.Y.	4
713-01.02	STEEL BAR REINFORCEMENT(FOUNDATION FOR SIGN SUPPORTS)	LB.	825
713-02.14	FLEXIBLE DELINEATOR (WHITE)	EACH	82
713-06	STEEL I-BEAMS & WF-BEAMS(BREAKAWAY) SIGN SUPPORT	LB.	6204
713-11.01	"U" SECTION STEEL POSTS	LB.	1692
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	LB.	595
713-11.21	P POST SLIP BASE	EACH	5
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	S.F.	193
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	S.F.	395
713-14	EXTRUDED ALUMINUM PANEL SIGNS	S.F.	737
(19) 713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	LS	1
713-15.36	REMOVE SIGN, SUPPORT & FOOTING	EACH	5

SEALED BY



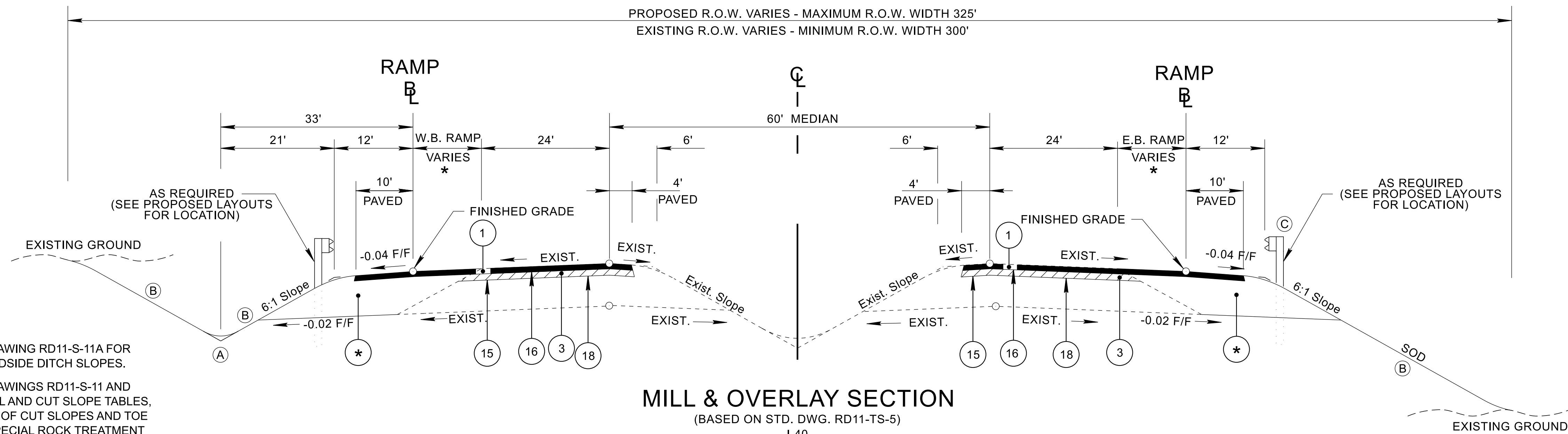
05/06/2026

STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

ESTIMATED  
ROADWAY  
QUANTITIES

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	2B
PIH	2025	39I040-S3-006	2B
PS&E	2026	39I040-S3-006	2B

REV. 05-06-2026: ADDED 1.5" CM UNDER OGFC. REMOVED 411-01.10 AND 307-01.18. ADDED 411-03.10.



### MILL & OVERLAY SECTION

(BASED ON STD. DWG. RD11-TS-5)

I-40

FROM STA. 995+49.42 EB TO STA. 1007+69.50 EB  
FROM STA. 989+93.91 WB TO STA. 1007+30.59 WB

FROM STA. 1023+03.78 EB TO STA. 1040+28.46 EB  
FROM STA. 1022+14.01 WB TO STA. 1034+43.74 WB

\* SEE SHEETS 2B1-2B4 FOR RAMP TYPICAL SECTIONS

- (A) SEE STANDARD DRAWING RD11-S-11A FOR ROUNDING OF ROADSIDE DITCH SLOPES.
- (B) SEE STANDARD DRAWINGS RD11-S-11 AND RD11-S-11B FOR FILL AND CUT SLOPE TABLES, ROUNDING ON TOP OF CUT SLOPES AND TOE OF FILL SLOPES, SPECIAL ROCK TREATMENT AND SUB GRADE ROUNDING IF APPLICABLE.
- (C) SEE STANDARD DRAWING S-PL-6 FOR TYPICAL GUARDRAIL PLACEMENT.

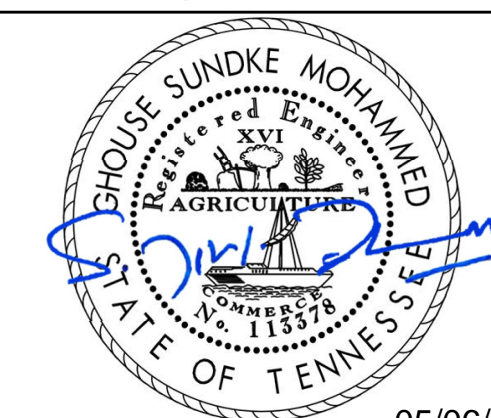
NOTE: ALL DISTURBED SLOPES TO BE SODDED, ITEM 803-01

### PROPOSED PAVEMENT SCHEDULE

① ASPHALTIC CONCRETE SURFACE (HOT MIX) PG76-22 GRADING "OGFC" SURFACE @ 1.25" THICK (APPROX. 110 LB./S.Y.) 411-03.23 ASPHALT CONCRETE MIX (PG76-22) GRADING "OGFC"	⑩ BITUMINOUS PLANT MIX BASE (HOT MIX) PG64-22 GRADING "A-S" @ 3.00" THICK (APPROX. 318 LB./S.Y.) 307-01.20 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING "A-S"
② ASPHALTIC CONCRETE SURFACE (HOT MIX) PG76-22 GRADING "D" SURFACE @ 1.25" THICK (APPROX. 132.5 LB./S.Y.) 411-03.10 ASPHALT CONCRETE MIX (PG76-22) GRADING "D"	⑪ MINERAL AGGREGATE, 8.00" THICK 303-01 MINERAL AGGREGATE, TYPE "A" BASE, GRADING "D"
③ BITUMINOUS PLANT MIX BASE (HOT MIX) PG76-22 GRADING "CM" @ 1.50" THICK (APPROX. 165 LB./S.Y.) 307-03.12 ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING "CM"	⑫ MINERAL AGGREGATE, 14.00" THICK 303-01 MINERAL AGGREGATE, TYPE "A" BASE, GRADING "D"
④ UNDERDRAIN (DETAIL "F", SEE STD. RD-UD-3) 710-02 AGGREGATE UNDERDRAINS WITH PIPE	⑬ MINERAL AGGREGATE, 6.00" THICK 303-01 MINERAL AGGREGATE, TYPE "A" BASE, GRADING "D"
⑤ BITUMINOUS PLANT MIX BASE (HOT MIX) PG76-22 GRADING "BM-2" @ 2.00" THICK (APPROX. 226 LB./S.Y.) 307-03.08 ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING "B-M2"	⑭ COLD PLANING BITUM. PVM'T, 1.25" THICK (131.25 LB. /SQ. YD.) 415-01.01 COLD PLANING BITUMINOUS PAVEMENT
⑥ BITUMINOUS PLANT MIX BASE (HOT MIX) PG64-22 GRADING "B-M2" @ 2.00" THICK (APPROX. 226 LB./S.Y.) 307-01.08 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING "B-M2"	⑮ TACK COAT 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC) "SEE 403.05 FOR DETERMINING APPLICATION RATE IN THE FIELD"
⑦ BITUMINOUS PLANT MIX BASE (HOT MIX) PG76-22 GRADING "A" @ 3.00" THICK (APPROX. 345 LB./S.Y.) 307-03.01 ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING "A"	⑯ HOT APPLIED TACK COAT (ALTERNATE AA1) 403-02.02 BITUMINOUS MATERIAL FOR TACK COAT (TC) (0.13 - 0.18 GAL./S.Y.) <b>(OR)</b> ⑰ TRACKLESS TACK COAT (ALTERNATE AA2) 403-02.01 BITUMINOUS MATERIAL FOR TACK COAT (TC) AT 0.20 GAL./S.Y.
⑧ BITUMINOUS PLANT MIX BASE (HOT MIX) PG64-22 GRADING "A" @ 3.00" THICK (APPROX. 345 LB./S.Y.) 307-01.01 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING "A"	⑱ PRIME COAT 402-01 BITUMINOUS MATERIAL FOR PRIME COAT (PC) (0.30 - 0.35 GAL./S.Y.) 402-02 AGGREGATE FOR COVER MATERIAL (PC) (8 - 12 LB./S.Y.)
⑨ BITUMINOUS PLANT MIX BASE (HOT MIX) PG76-22 GRADING "A-S" @ 3.00" THICK (APPROX. 318 LB./S.Y.) 307-01.22 ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING "A-S"	⑲ COLD PLANING BITUM. PVM'T, 2.75" THICK (288.75 LB. /SQ. YD.) 415-01.01 COLD PLANING BITUMINOUS PAVEMENT

NOTE: SEE SHEETS T1-T30 FOR TRAFFIC CONTROL TYPICAL SECTIONS

SEALED BY



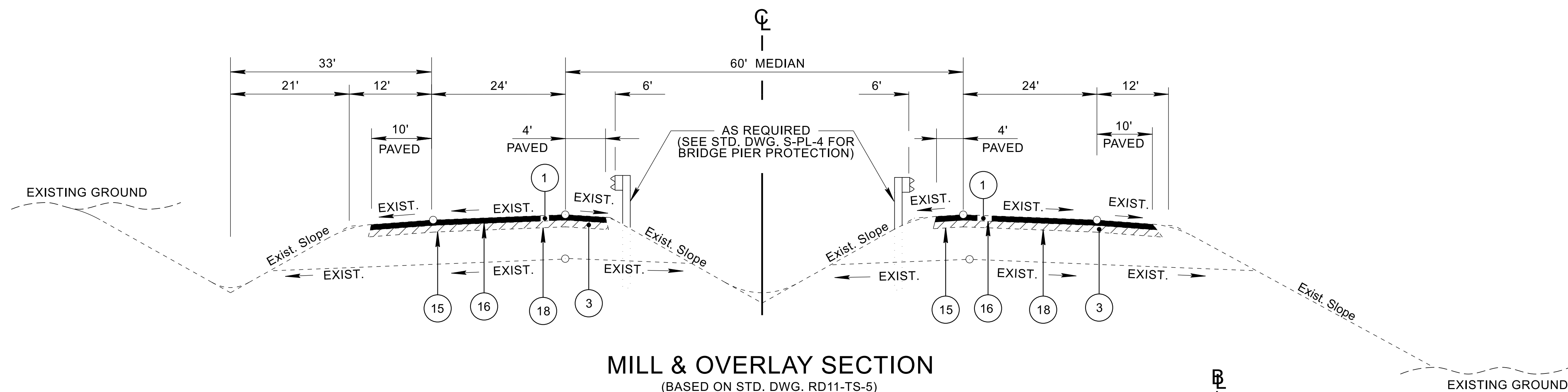
05/06/2026

STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

TYPICAL  
SECTIONS AND  
PAVEMENT  
SCHEDULE

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	391040-S2-006	2B1
PIH	2025	391040-S3-006	2B1
PS&E	2026	391040-S3-006	2B1

REV. 05-06-2026: ADDED 1.5" CM UNDER OGFC. ADDED GORE SECTION.

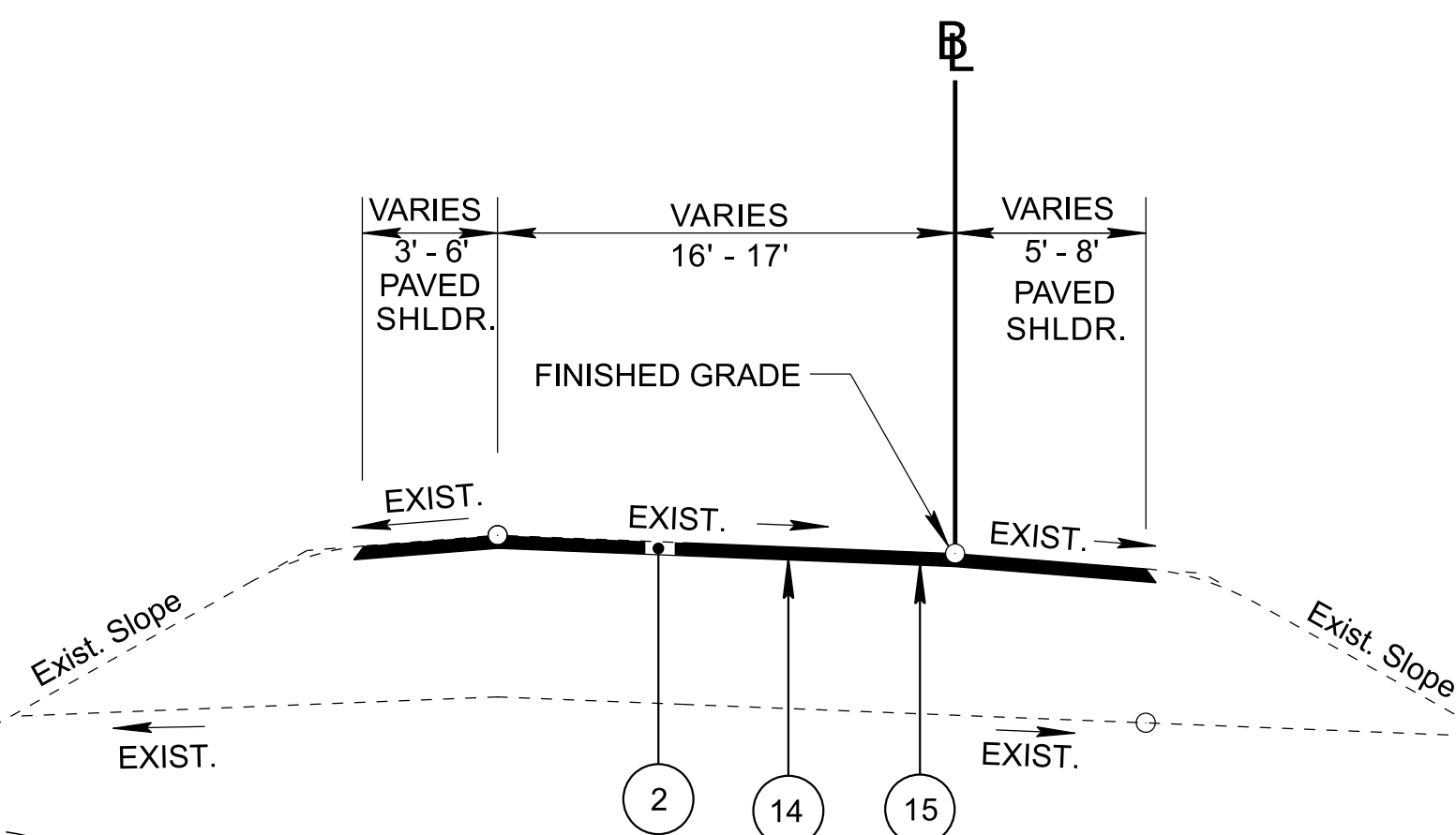


### MILL & OVERLAY SECTION

(BASED ON STD. DWG. RD11-TS-5)

I-40

FROM STA. 1007+69.50 EB TO STA. 1023+03.78 EB  
FROM STA. 1007+30.59 WB TO STA. 1022+14.01 WB

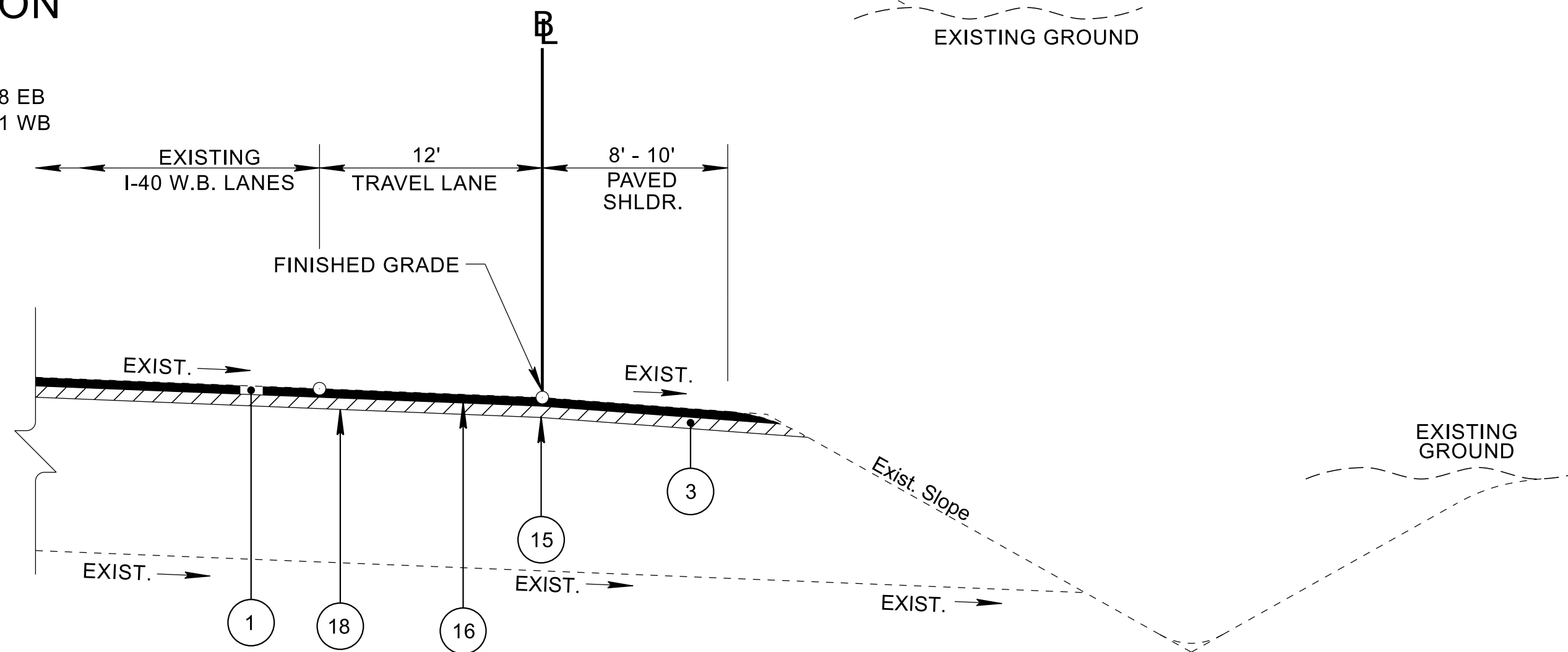


### MILL & OVERLAY SECTION I-40 WESTBOUND ON RAMP

(BASED ON STD. DWG. RD11-TS-4)  
FROM STA. 100+20.90 TO STA. 106+32.74

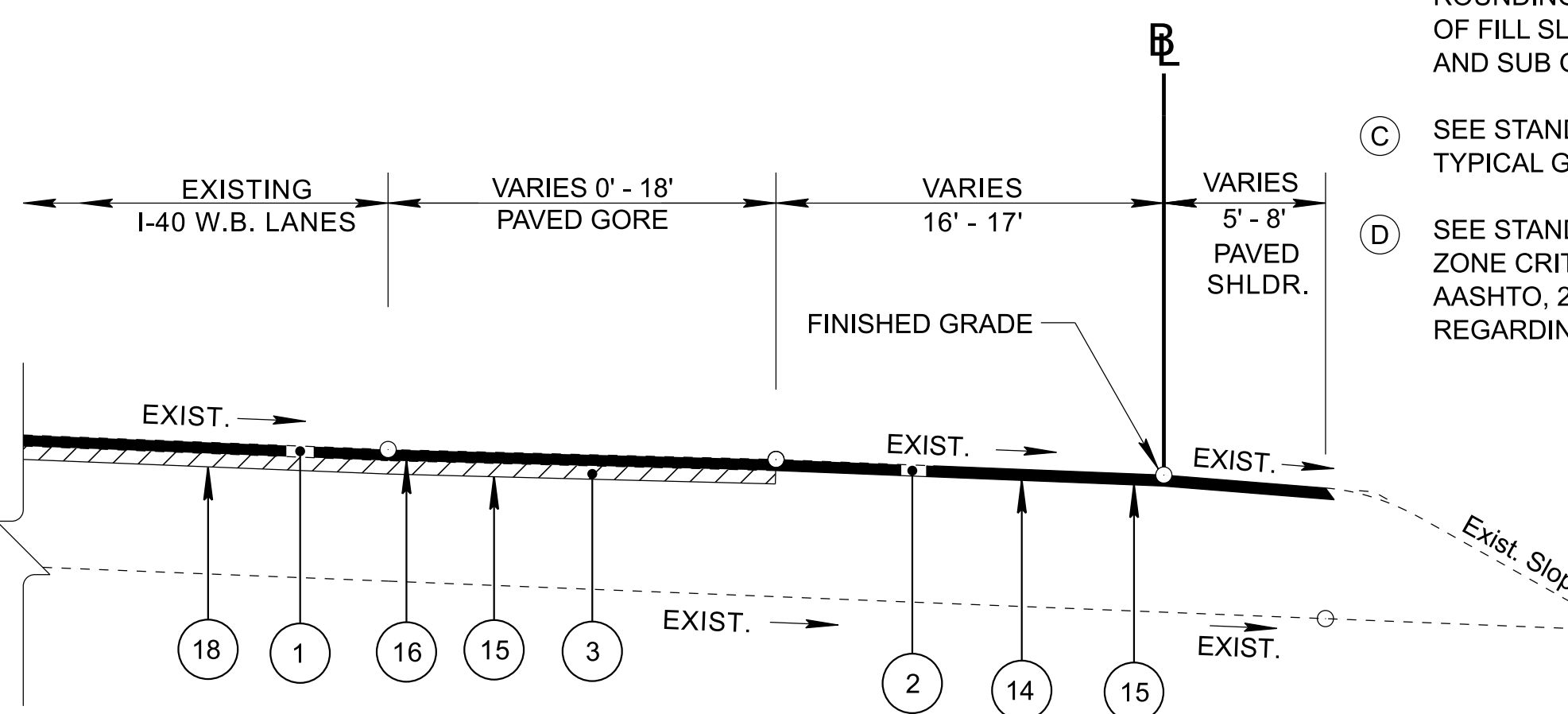
\* TRAVEL LANE TRANSITION WIDTH WESTBOUND ON RAMP

FROM	TO
0' @ 111+00.00	12' @ 114+00.00
12' @ 115+27.04	0' @ 123+67.13



### MILL & OVERLAY SECTION I-40 WESTBOUND ON RAMP

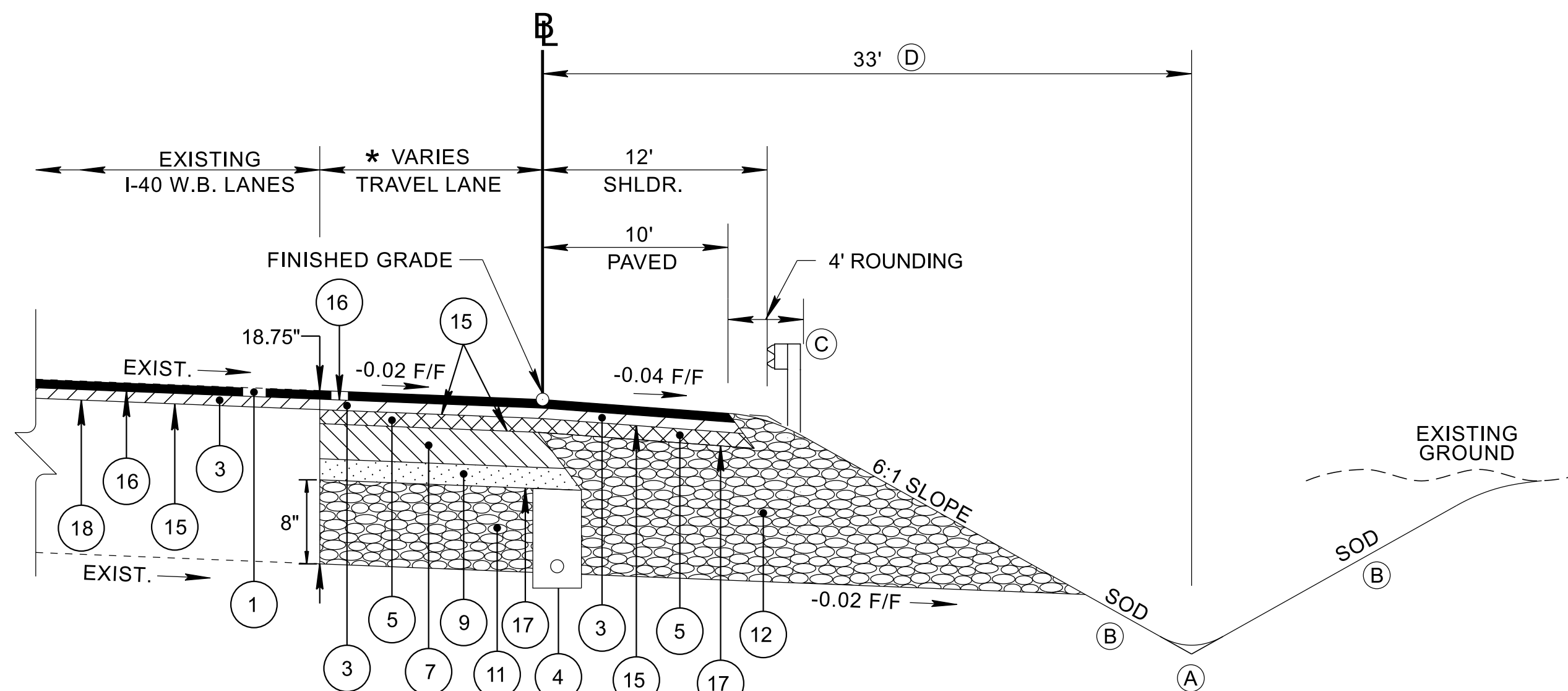
(STANDARD DRAWING NO. RD11-TS-5)  
FROM STA. 107+98.48 TO STA. 111+00.00



### MILL & OVERLAY SECTION I-40 WESTBOUND ON RAMP

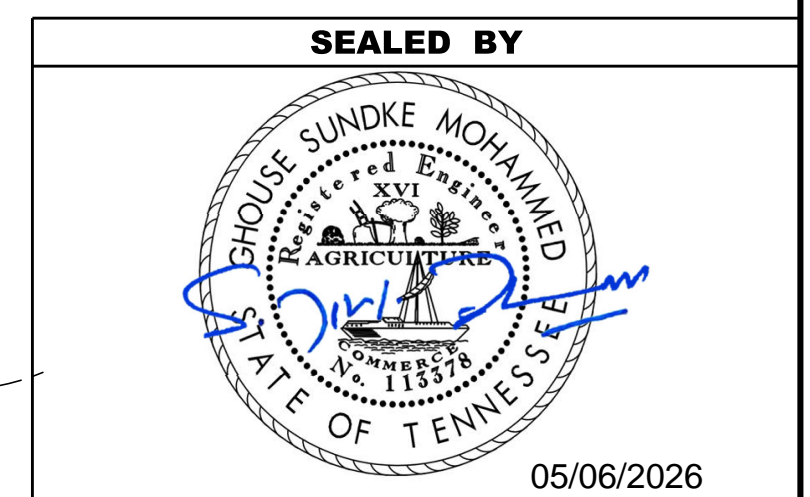
(BASED ON STD. DWG. RD11-TS-4)  
FROM STA. 106+32.74 TO STA. 107+98.48

- (A) SEE STANDARD DRAWING RD11-S-11A FOR ROUNDING OF ROADSIDE DITCH SLOPES.
- (B) SEE STANDARD DRAWINGS RD11-S-11 AND RD11-S-11B FOR FILL AND CUT SLOPE TABLES, ROUNDING ON TOP OF CUT SLOPES AND TOE OF FILL SLOPES, SPECIAL ROCK TREATMENT AND SUB GRADE ROUNDING IF APPLICABLE.
- (C) SEE STANDARD DRAWING S-PL-6 FOR TYPICAL GUARDRAIL PLACEMENT.
- (D) SEE STANDARD DRAWING S-CZ-1 FOR CLEAR ZONE CRITERIA. SEE THE "ROADSIDE DESIGN GUIDE", AASHTO, 2011, FOR FURTHER INFORMATION REGARDING CLEAR ZONES.



### TANGENT SECTION I-40 WESTBOUND ON RAMP

(STANDARD DRAWING NO. RD11-TS-5)  
FROM STA. 111+00.00 TO STA. 123+67.13



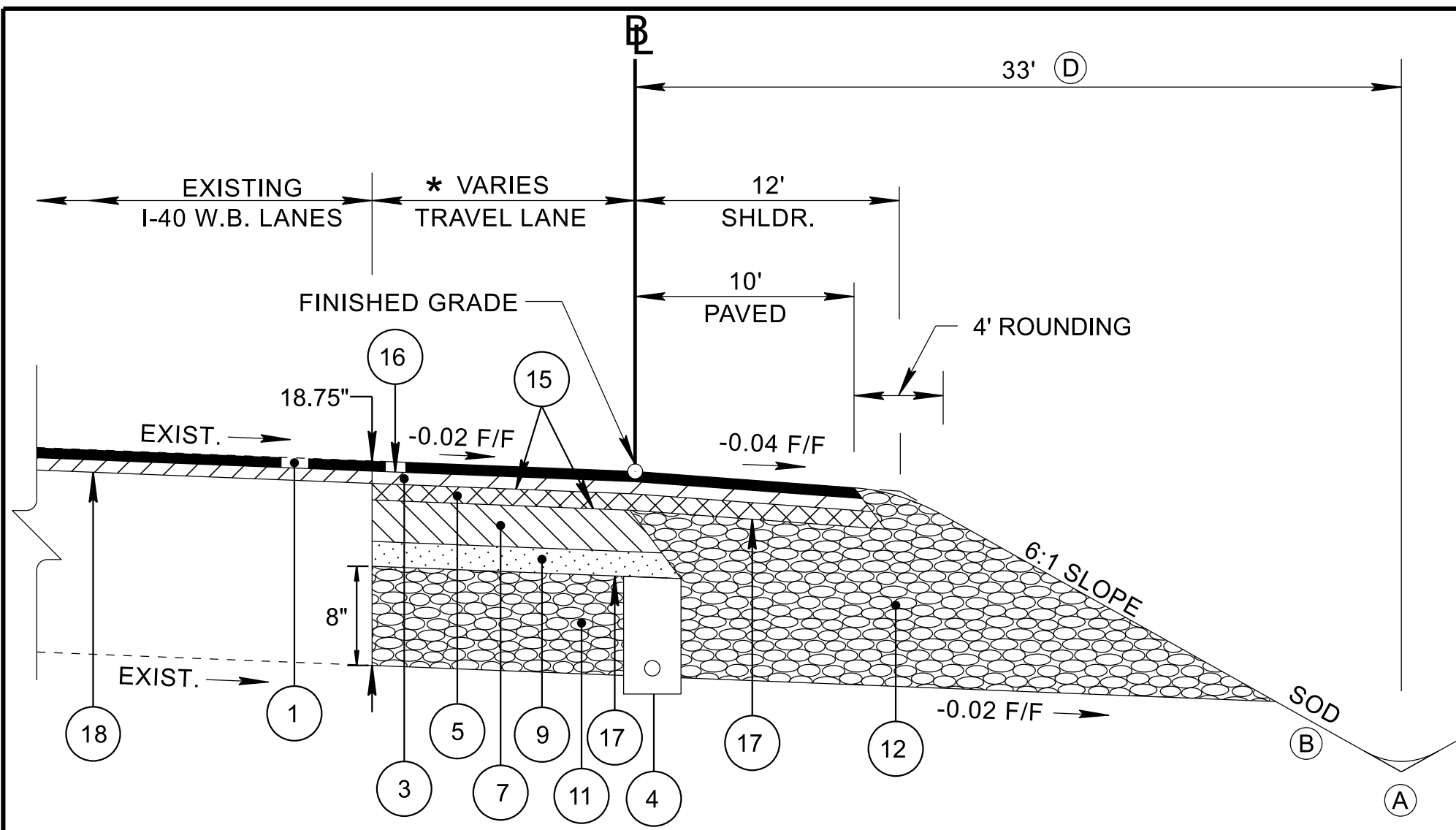
STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

TYPICAL  
SECTIONS

I-40 WESTBOUND ON RAMP

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	2B2
PIH	2025	39I040-S3-006	2B2
PS&E	2026	39I040-S3-006	2B2

REV. 05-06-2026: ADDED 1.5" CM UNDER OGFC. ADDED GORE SECTION.



### TANGENT SECTION I-40 WESTBOUND OFF RAMP

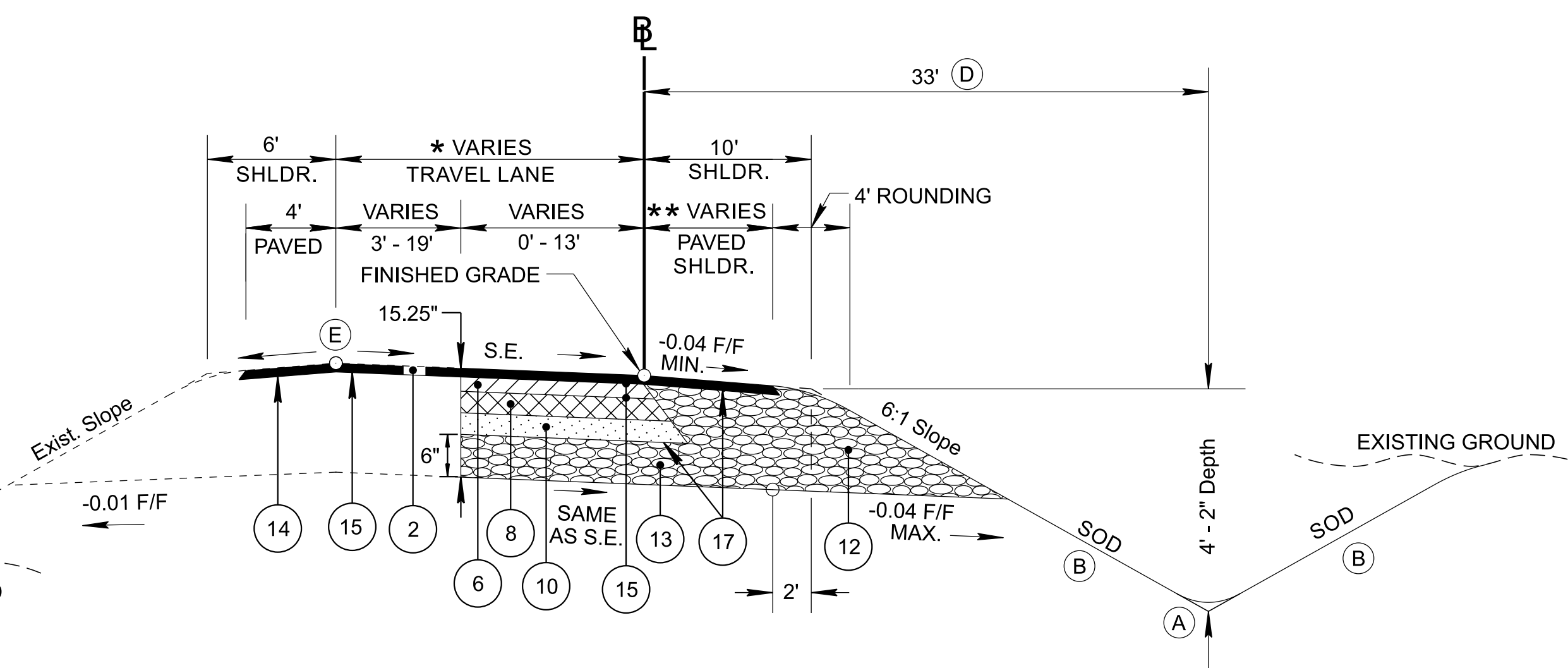
(STANDARD DRAWING NO. RD11-TS-5)  
FROM STA. 200+00.00 TO STA. 209+30.19

#### \* TRAVEL LANE TRANSITION WIDTH WESTBOUND OFF RAMP

FROM	TO
0' @ 200+00.00	12' @ 203+00.19
12' @ 209+00.78	16' @ 210+25.90
16' @ 210+25.90	19' @ 212+97.07

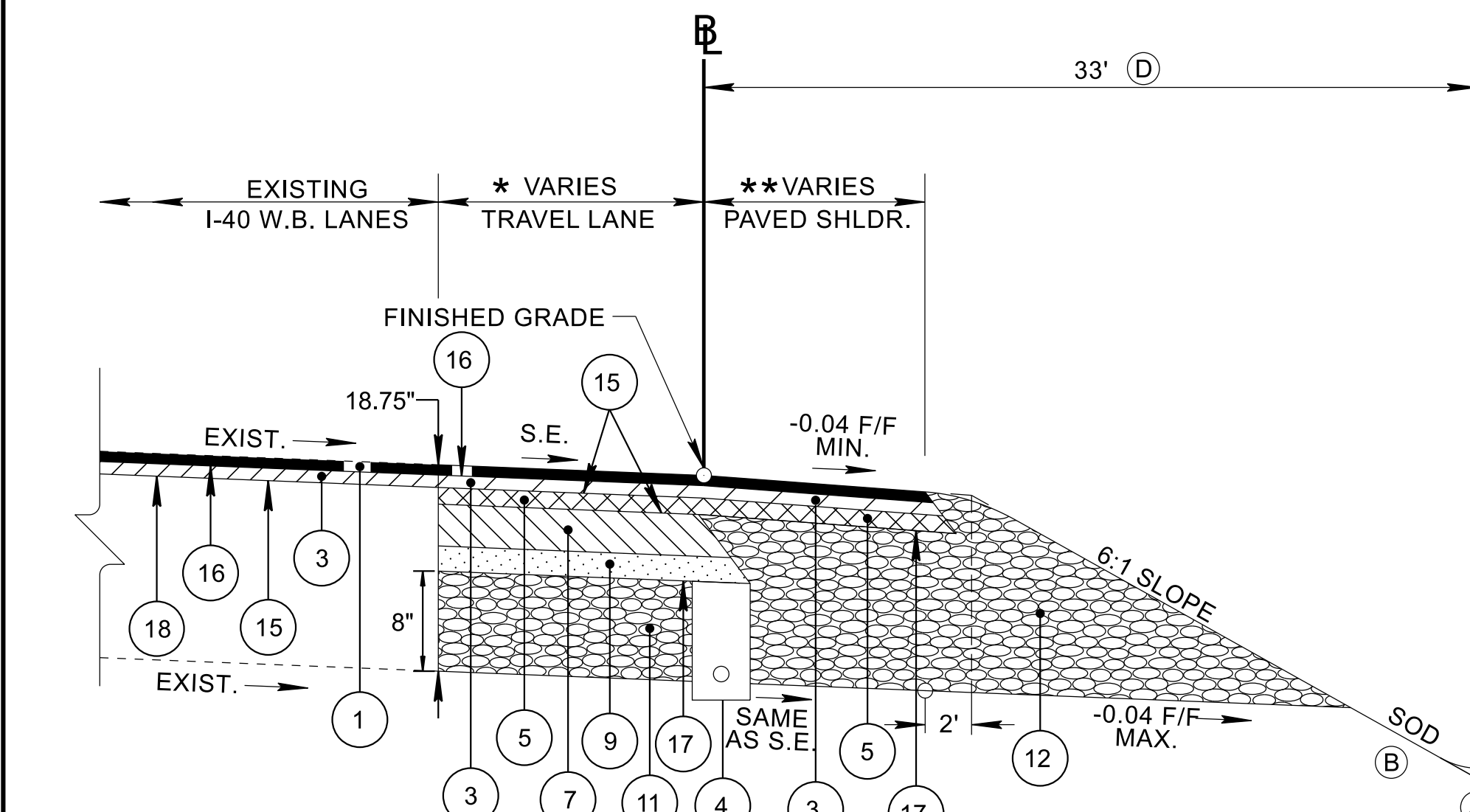
#### \*\* OUTSIDE SHLDR. TRANSITION WIDTH WESTBOUND OFF RAMP

FROM	TO
12' @ 209+30.19	4' @ 212+97.07



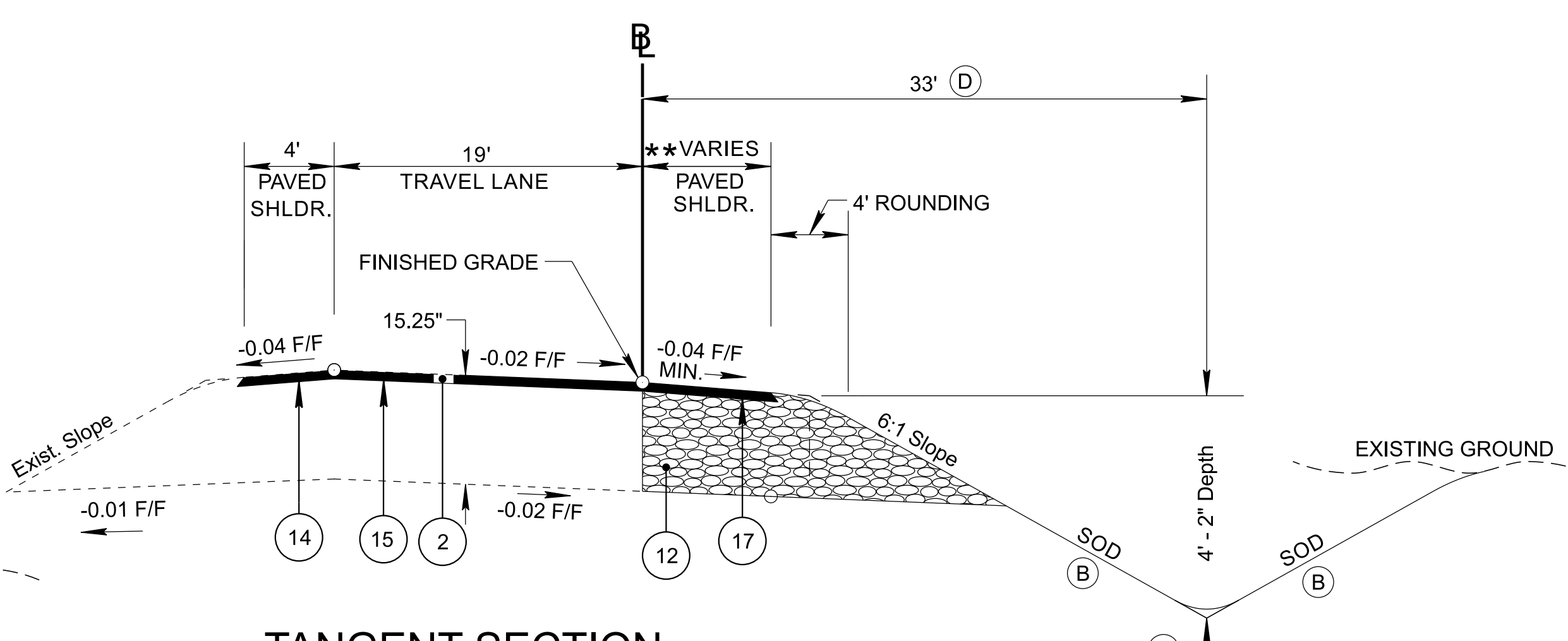
### SUPERELEVATED SECTION I-40 WESTBOUND OFF RAMP

(BASED ON STD. DWG. RD11-TS-4)  
FROM STA. 212+29.52 TO STA. 212+67.07



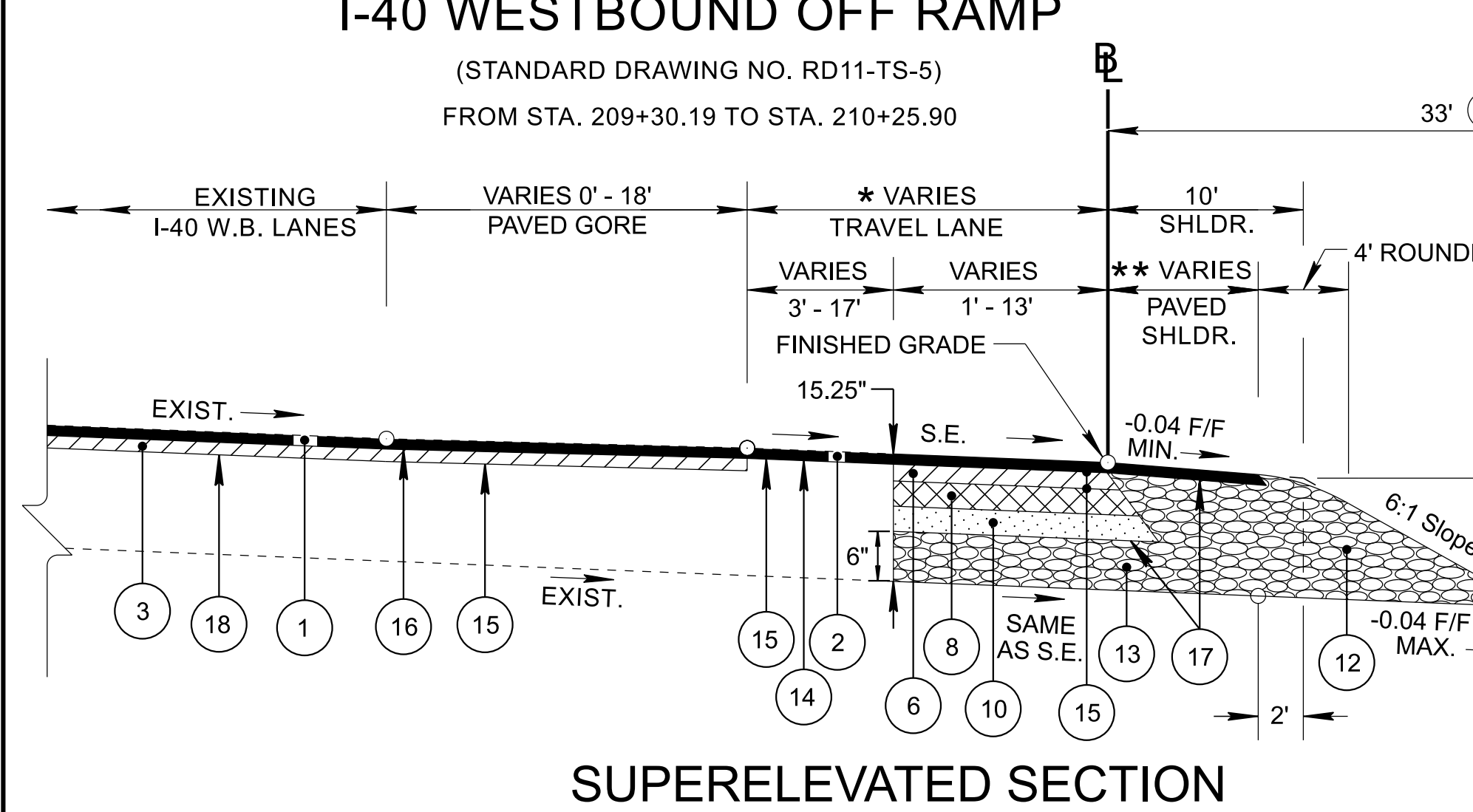
### SUPERELEVATED SECTION I-40 WESTBOUND OFF RAMP

(STANDARD DRAWING NO. RD11-TS-5)  
FROM STA. 209+30.19 TO STA. 210+25.90



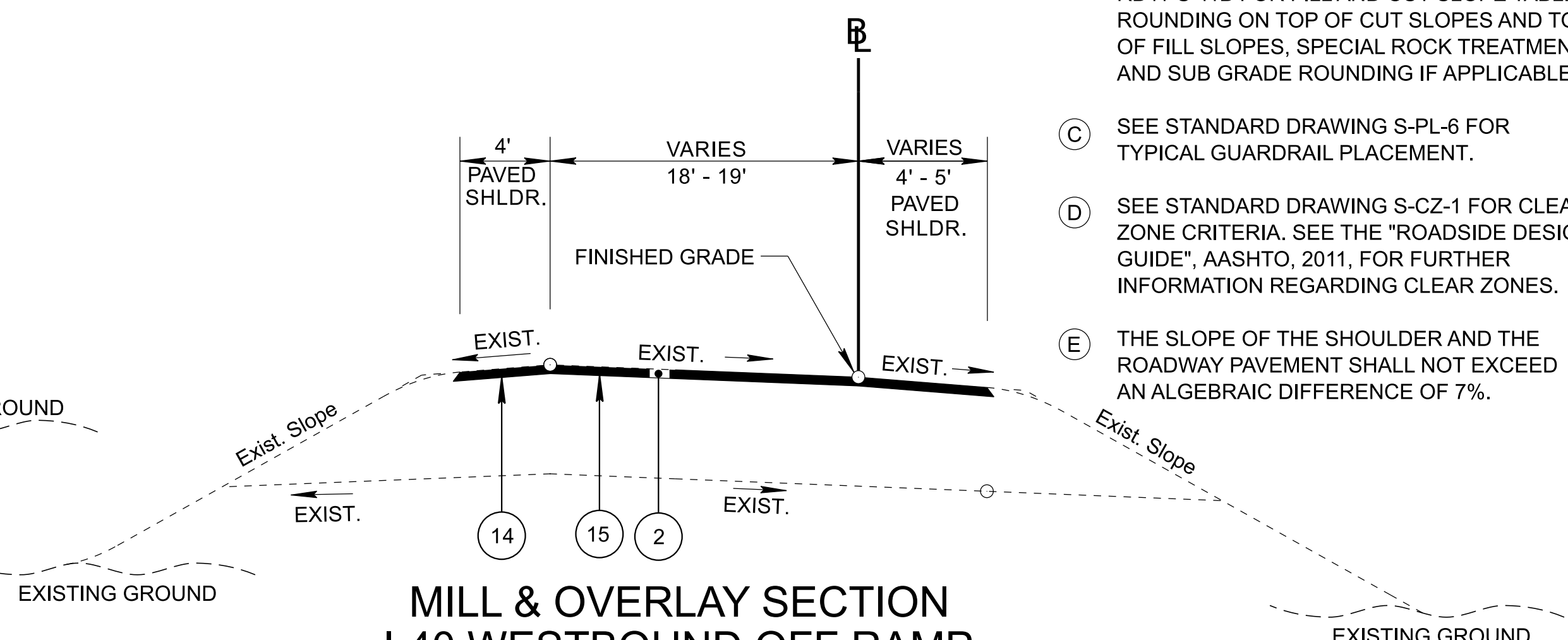
### TANGENT SECTION I-40 WESTBOUND OFF RAMP

(BASED ON STD. DWG. RD11-TS-4)  
FROM STA. 212+67.07 TO STA. 212+97.07



### SUPERELEVATED SECTION I-40 WESTBOUND OFF RAMP

(BASED ON STD. DWG. RD11-TS-4)  
FROM STA. 210+25.90 TO STA. 212+29.52



### MILL & OVERLAY SECTION I-40 WESTBOUND OFF RAMP

(BASED ON STD. DWG. RD11-TS-4)  
FROM STA. 212+97.07 TO STA. 221+07.56

- (A) SEE STANDARD DRAWING RD11-S-11A FOR ROUNDING OF ROADSIDE DITCH SLOPES.
- (B) SEE STANDARD DRAWINGS RD11-S-11 AND RD11-S-11B FOR FILL AND CUT SLOPE TABLES, ROUNDING ON TOP OF CUT SLOPES AND TOE OF FILL SLOPES, SPECIAL ROCK TREATMENT AND SUB GRADE ROUNDING IF APPLICABLE.
- (C) SEE STANDARD DRAWING S-PL-6 FOR TYPICAL GUARDRAIL PLACEMENT.
- (D) SEE STANDARD DRAWING S-CZ-1 FOR CLEAR ZONE CRITERIA. SEE THE "ROADSIDE DESIGN GUIDE", AASHTO, 2011, FOR FURTHER INFORMATION REGARDING CLEAR ZONES.
- (E) THE SLOPE OF THE SHOULDER AND THE ROADWAY PAVEMENT SHALL NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 7%.

**SEALED BY**

05/06/2026

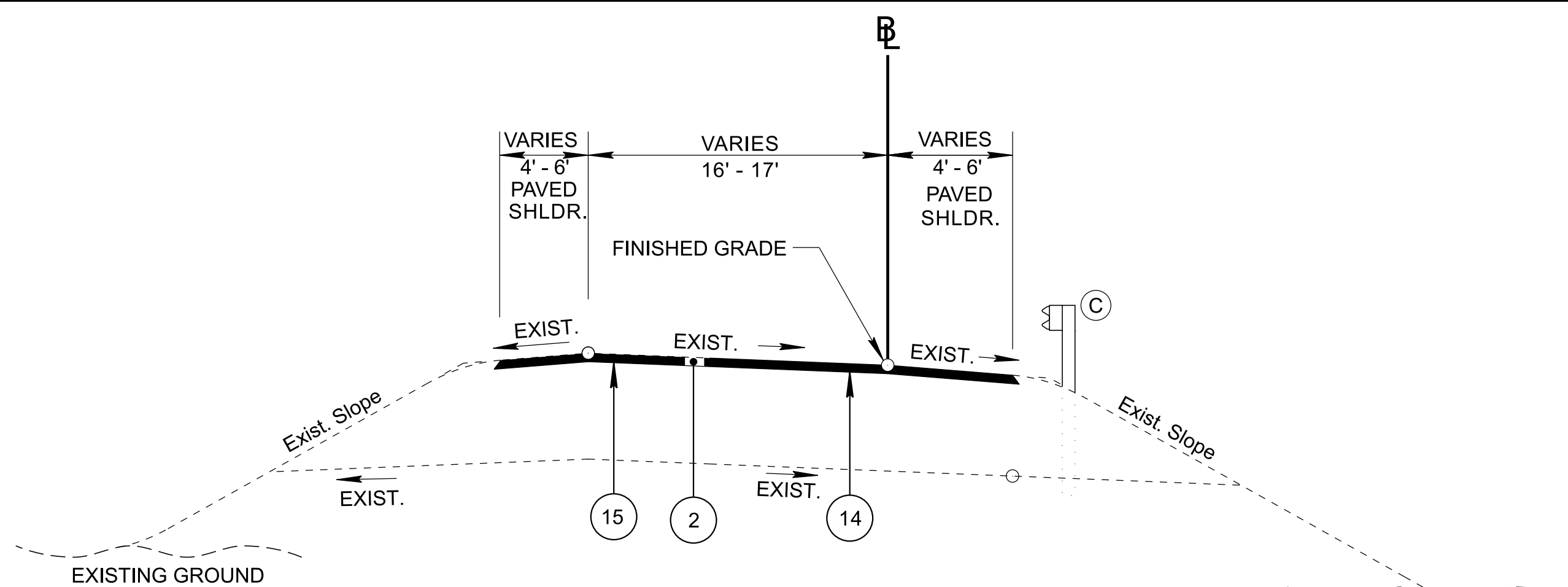
**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL  
SECTIONS**

I-40 WESTBOUND OFF RAMP

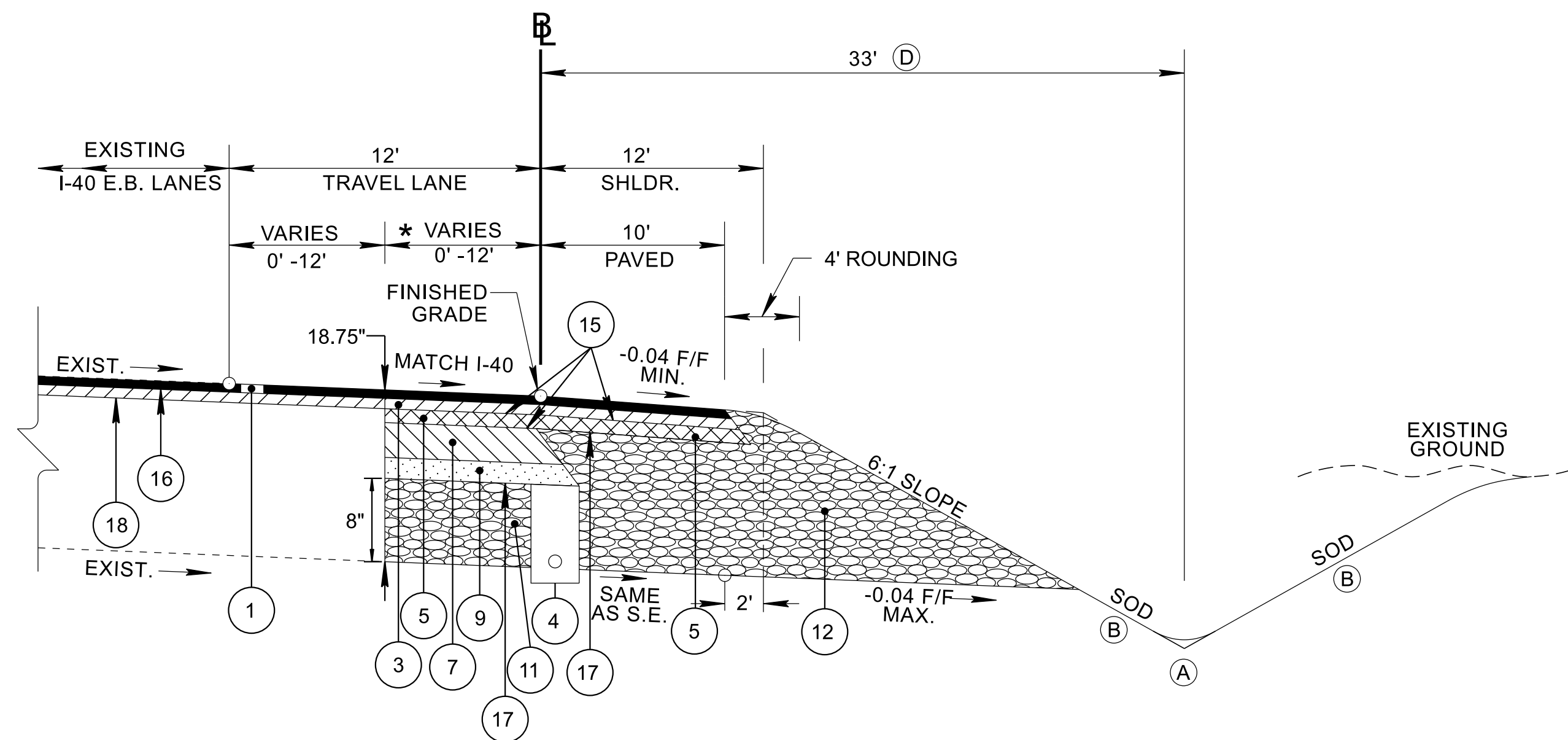
TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	2B3
PIH	2025	39I040-S3-006	2B3
PS&E	2026	39I040-S3-006	2B3

REV. 05-06-2026: ADDED 1.5" CM UNDER OGFC. ADDED GORE SECTION.



### MILL & OVERLAY SECTION I-40 EASTBOUND ON RAMP

(BASED ON STD. DWG. RD11-TS-4)  
FROM STA. 300+12.51 TO STA. 308+54.24

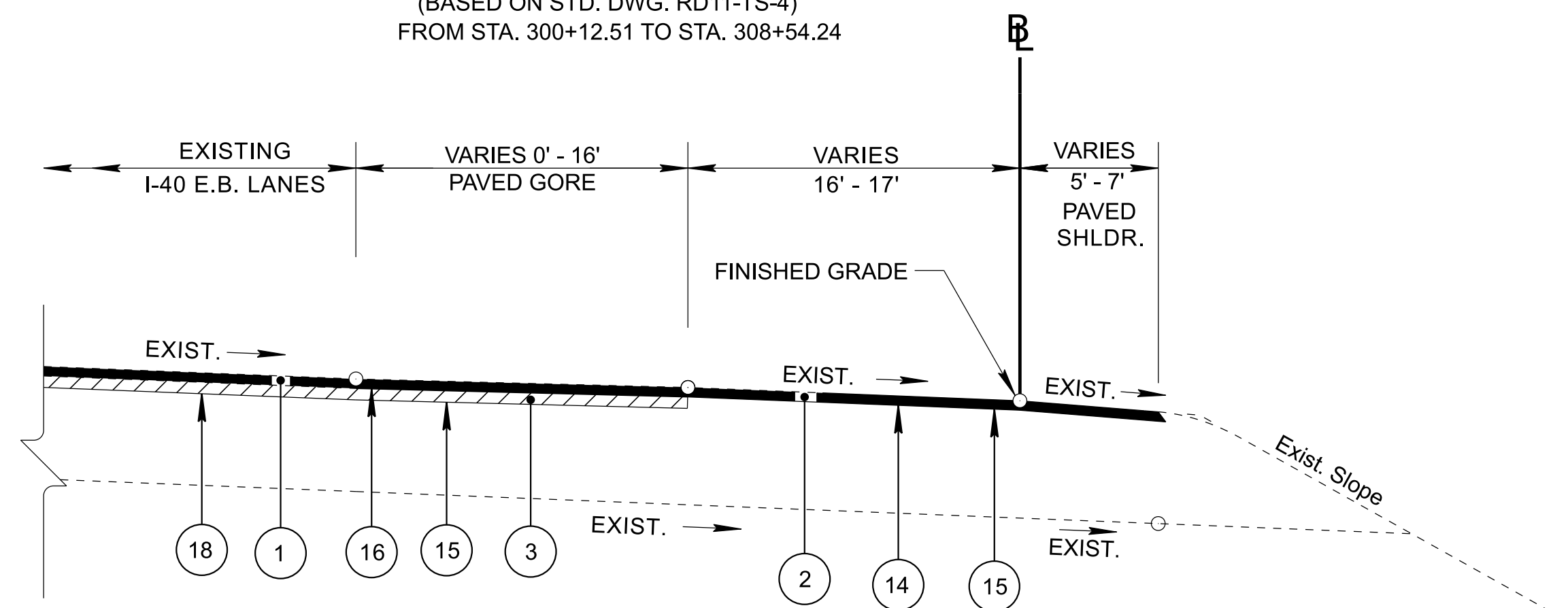


### SUPERELEVATED SECTION I-40 EASTBOUND ON RAMP

(STANDARD DRAWING NO. RD11-TS-5)  
FROM STA. 313+89.24 TO STA. 316+28.00

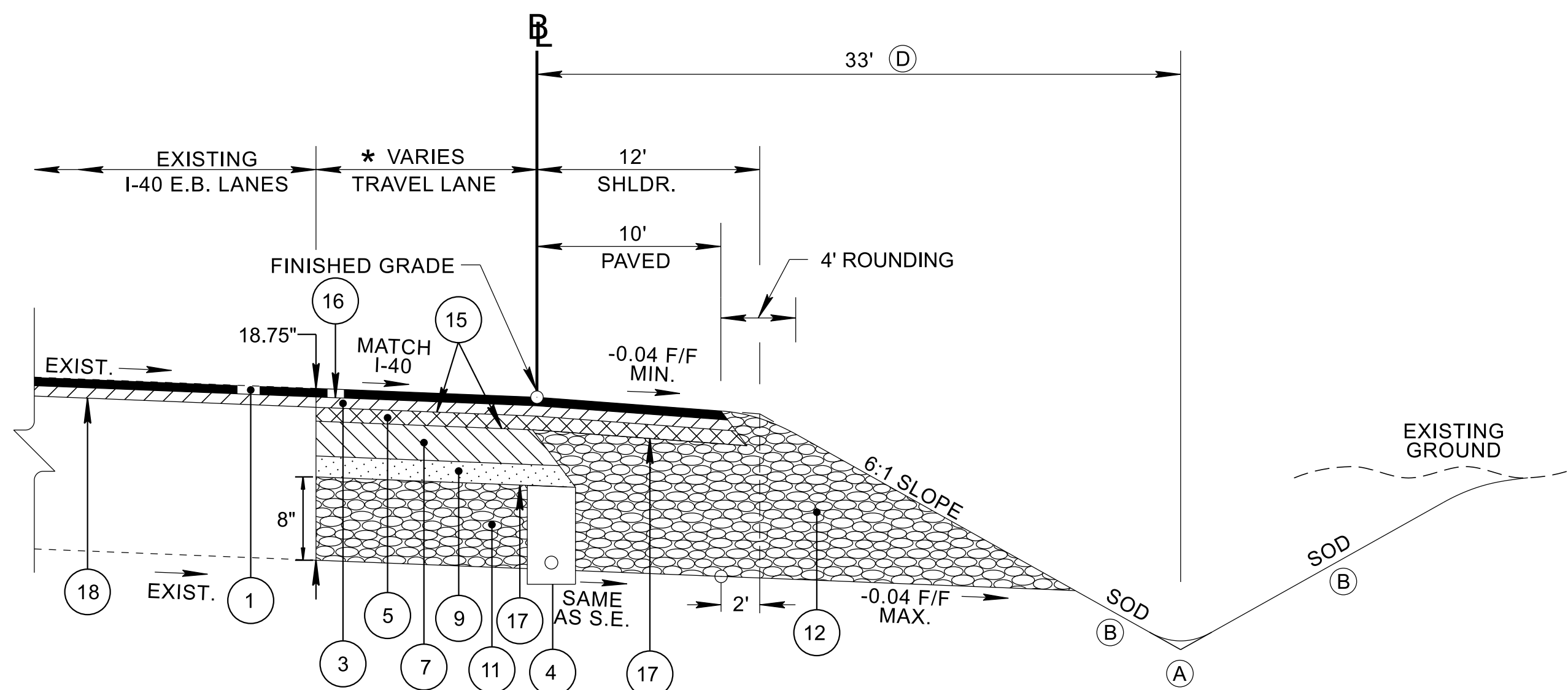
\* TRAVEL LANE TRANSITION WIDTH  
EASTBOUND ON RAMP

FROM	TO
0' @ 313+89.24	12' @ 316+28.04
12' @ 317+40.79	0' @ 325+80.75



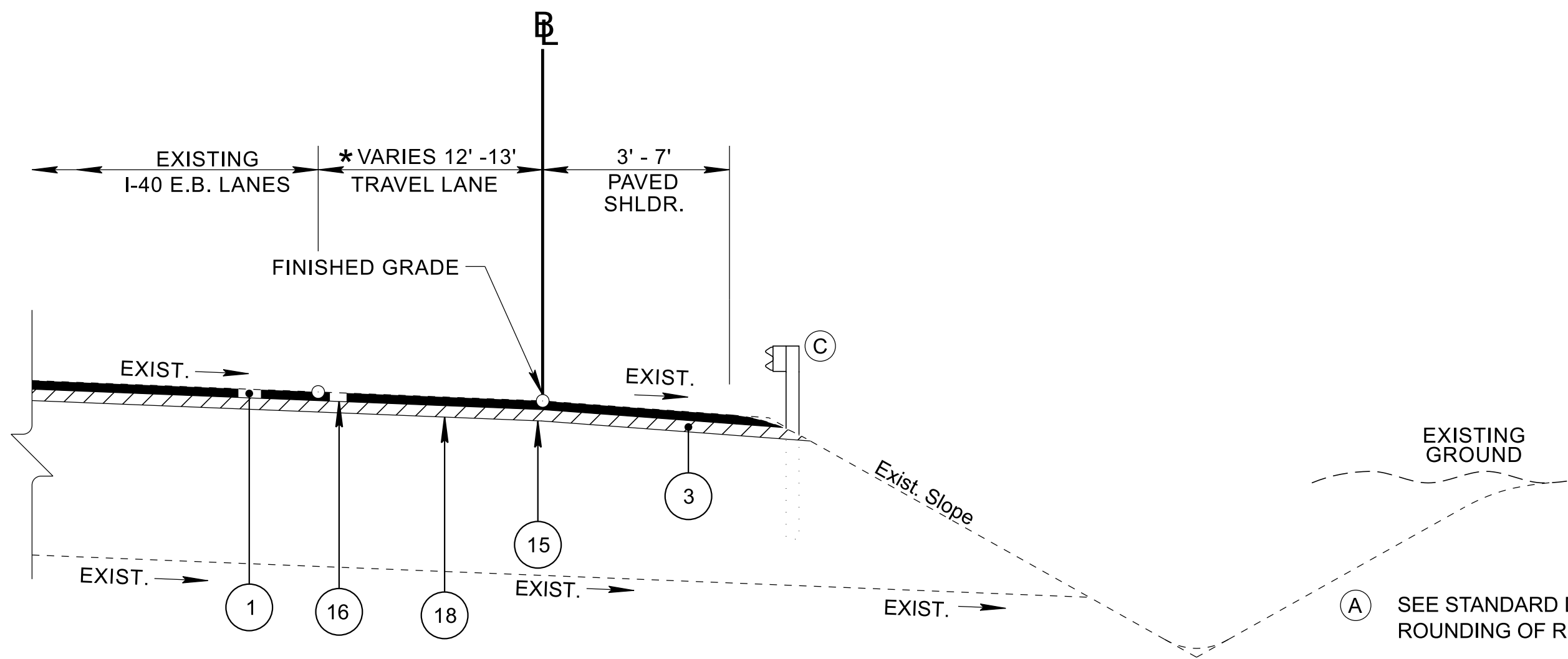
### MILL & OVERLAY SECTION I-40 EASTBOUND ON RAMP

(BASED ON STD. DWG. RD11-TS-4)  
FROM STA. 308+54.24 TO STA. 310+13.87



### SUPERELEVATED SECTION I-40 EASTBOUND ON RAMP

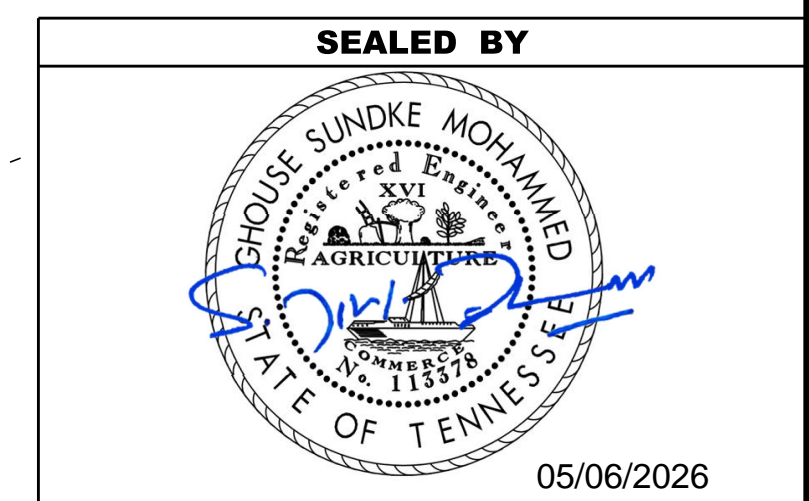
(STANDARD DRAWING NO. RD11-TS-5)  
FROM STA. 316+28.00 TO STA. 325+80.75



### MILL & OVERLAY SECTION I-40 EASTBOUND ON RAMP

(STANDARD DRAWING NO. RD11-TS-5)  
FROM STA. 310+13.87 TO STA. 313+89.24

- (A) SEE STANDARD DRAWING RD11-S-11A FOR ROUNDING OF ROADSIDE DITCH SLOPES.
- (B) SEE STANDARD DRAWINGS RD11-S-11 AND RD11-S-11B FOR FILL AND CUT SLOPE TABLES, ROUNDING ON TOP OF CUT SLOPES AND TOE OF FILL SLOPES, SPECIAL ROCK TREATMENT AND SUB GRADE ROUNDING IF APPLICABLE.
- (C) SEE STANDARD DRAWING S-PL-6 FOR TYPICAL GUARDRAIL PLACEMENT.
- (D) SEE STANDARD DRAWING S-CZ-1 FOR CLEAR ZONE CRITERIA. SEE THE "ROADSIDE DESIGN GUIDE", AASHTO, 2011, FOR FURTHER INFORMATION REGARDING CLEAR ZONES.



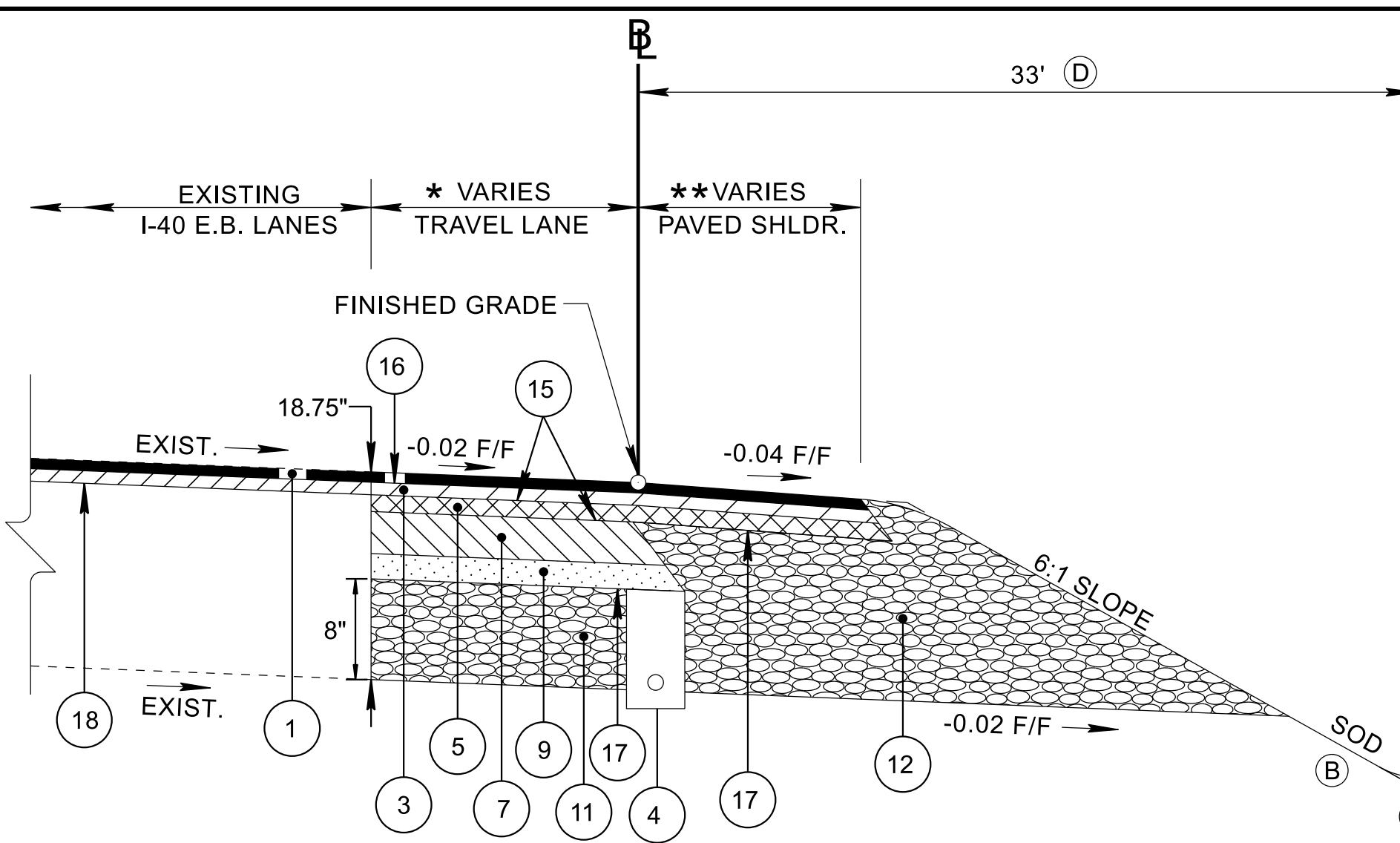
STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION

TYPICAL  
SECTIONS

I-40 EASTBOUND ON RAMP

TYPE	YEAR	PROJECT NO.	SHEET NO.
FUNC.	2025	39I040-S2-006	2B4
PIH	2025	39I040-S3-006	2B4
PS&E	2026	39I040-S3-006	2B4

REV. 05-06-2026: ADDED 1.5" CM UNDER OGFC. ADDED GORE SECTION.

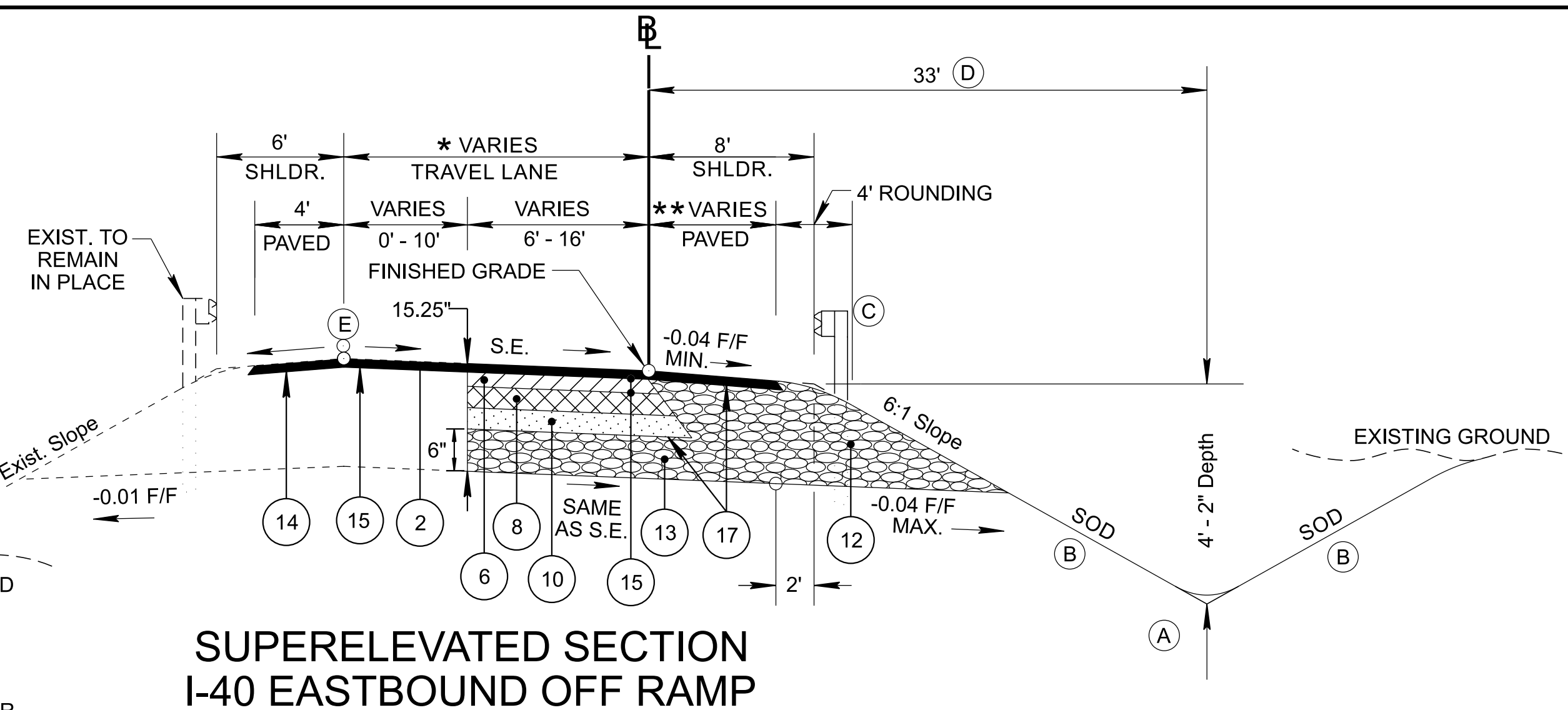


**TANGENT SECTION  
I-40 EASTBOUND OFF RAMP**

(STANDARD DRAWING NO. RD11-TS-5)  
FROM STA. 400+00.00 TO STA. 409+33.23

**\* TRAVEL LANE TRANSITION WIDTH  
EASTBOUND OFF RAMP**

FROM	TO
0' @ 400+00.00	12' @ 403+00.03
12' @ 409+03.23	16' @ 410+37.34
16' @ 413+87.66	17' @ 414+87.66



**SUPERELEVATED SECTION  
I-40 EASTBOUND OFF RAMP**

(BASED ON STD. DWG. RD11-TS-4)  
FROM STA. 412+18.45 TO STA. 414+57.66

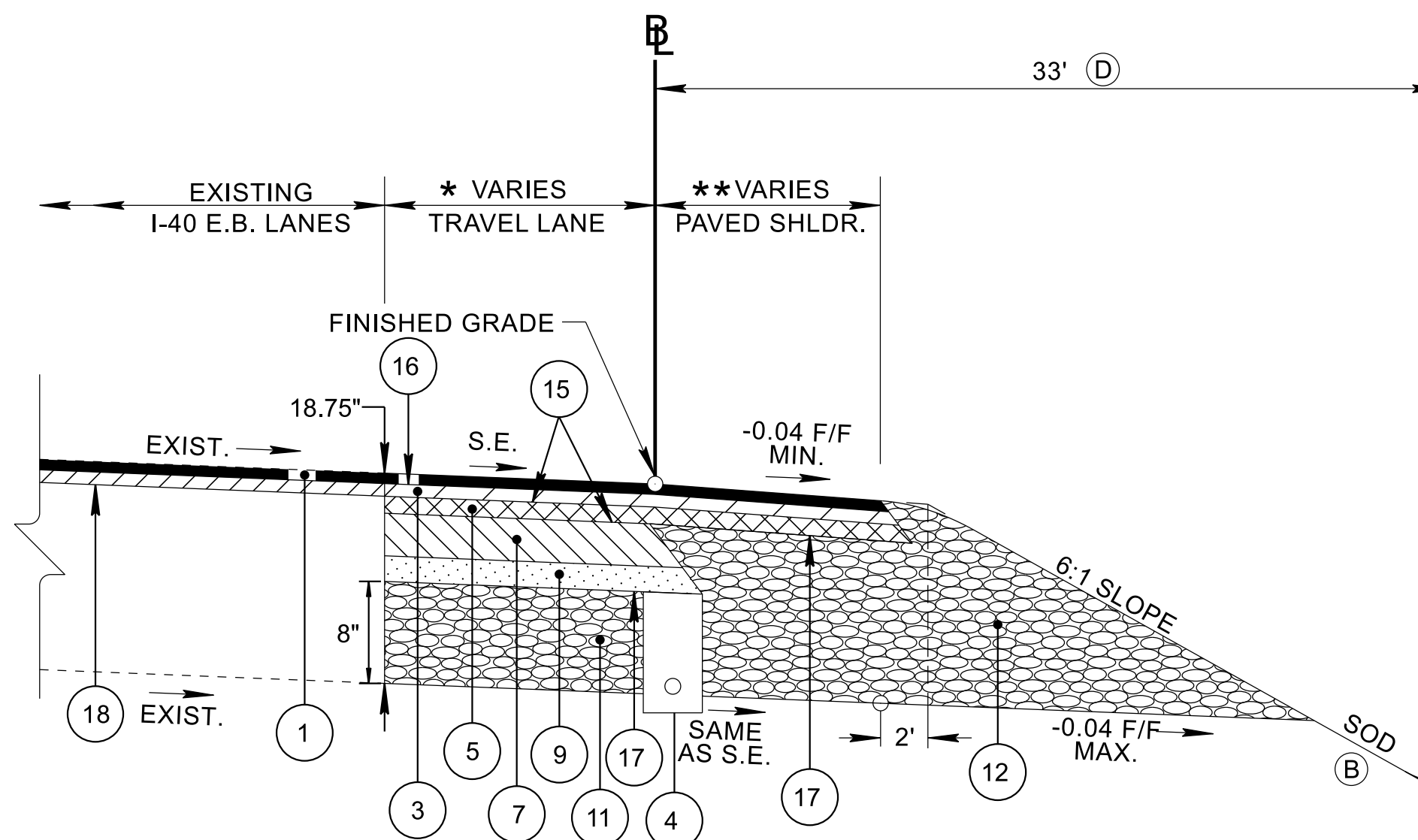
- (A) SEE STANDARD DRAWING RD11-S-11A FOR ROUNDING OF ROADSIDE DITCH SLOPES.
- (B) SEE STANDARD DRAWINGS RD11-S-11 AND RD11-S-11B FOR FILL AND CUT SLOPE TABLES, ROUNDING ON TOP OF CUT SLOPES AND TOE OF FILL SLOPES, SPECIAL ROCK TREATMENT AND SUB GRADE ROUNDING IF APPLICABLE.
- (C) SEE STANDARD DRAWING S-PL-6 FOR TYPICAL GUARDRAIL PLACEMENT.
- (D) SEE STANDARD DRAWING S-CZ-1 FOR CLEAR ZONE CRITERIA. SEE THE "ROADSIDE DESIGN GUIDE", AASHTO, 2011, FOR FURTHER INFORMATION REGARDING CLEAR ZONES.
- (E) THE SLOPE OF THE SHOULDER AND THE ROADWAY PAVEMENT SHALL NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 7%.

**\*\*\* INSIDE SHLDR. TRANSITION WIDTH  
EASTBOUND OFF RAMP**

FROM	TO
4' @ 413+87.66	3' @ 414+87.66

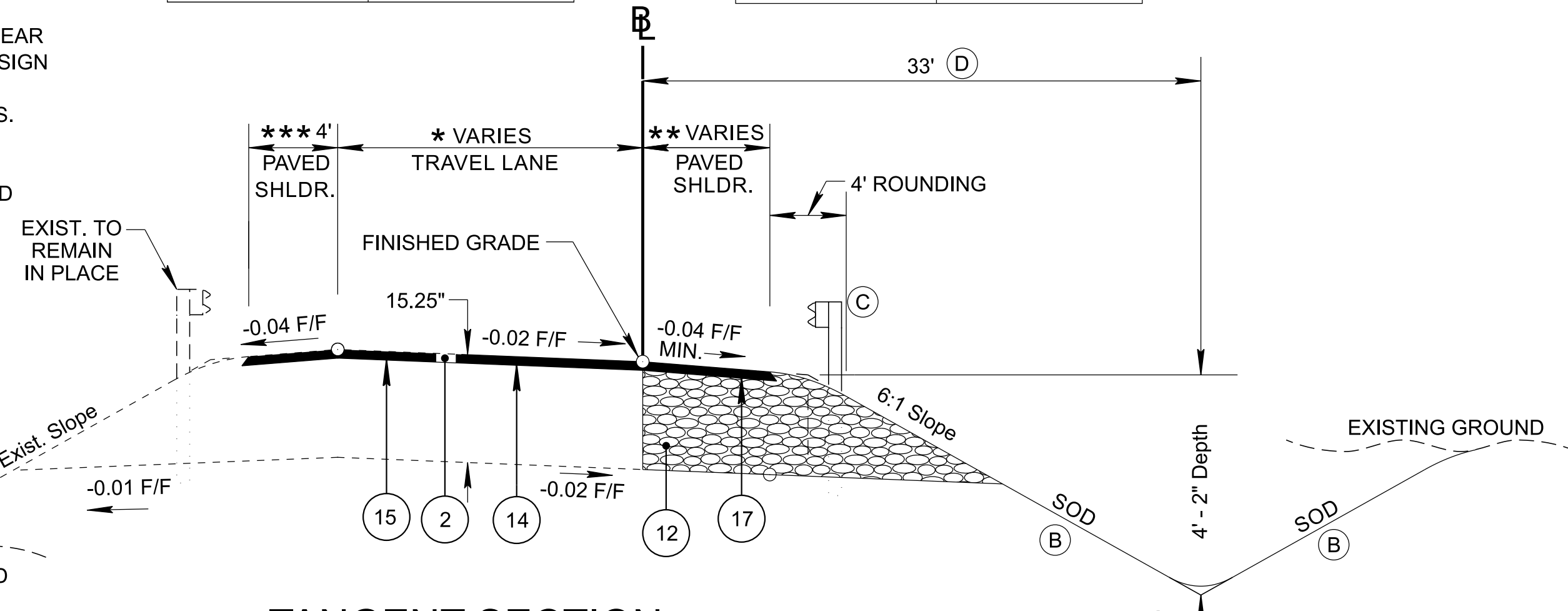
**\*\* OUTSIDE SHLDR. TRANSITION WIDTH  
EASTBOUND OFF RAMP**

FROM	TO
12' @ 409+03.23	8' @ 410+37.34
8' @ 413+87.66	4' @ 414+87.66



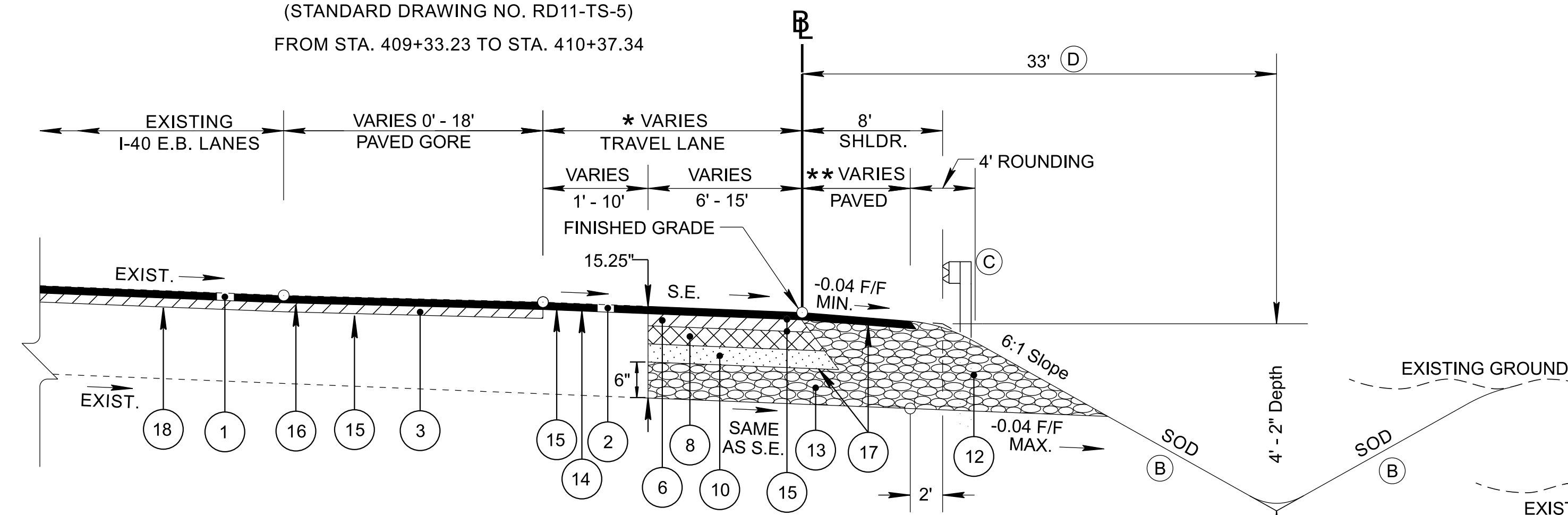
**SUPERELEVATED SECTION  
I-40 EASTBOUND OFF RAMP**

(STANDARD DRAWING NO. RD11-TS-5)  
FROM STA. 409+33.23 TO STA. 410+37.34



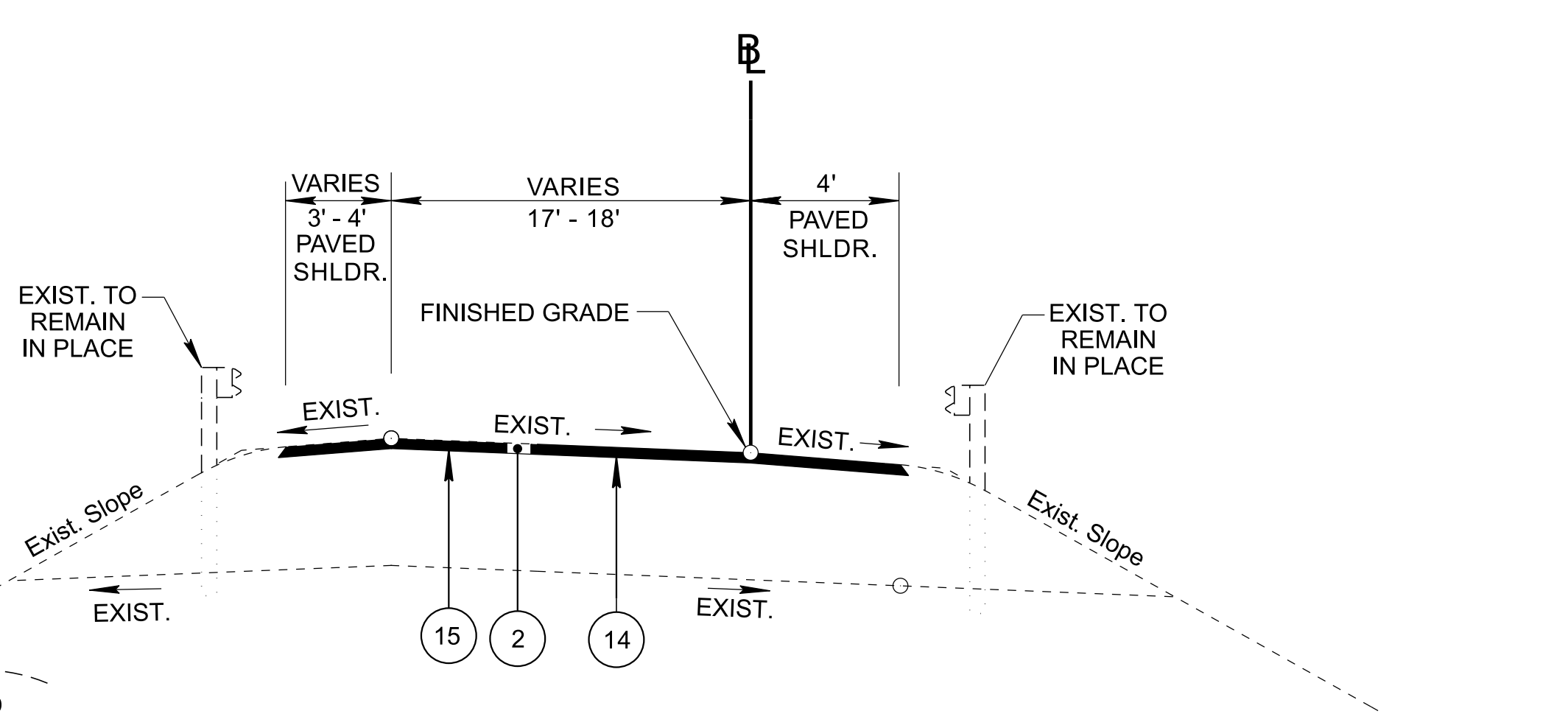
**TANGENT SECTION  
I-40 EASTBOUND OFF RAMP**

(BASED ON STD. DWG. RD11-TS-4)  
FROM STA. 414+57.66 TO STA. 414+87.66



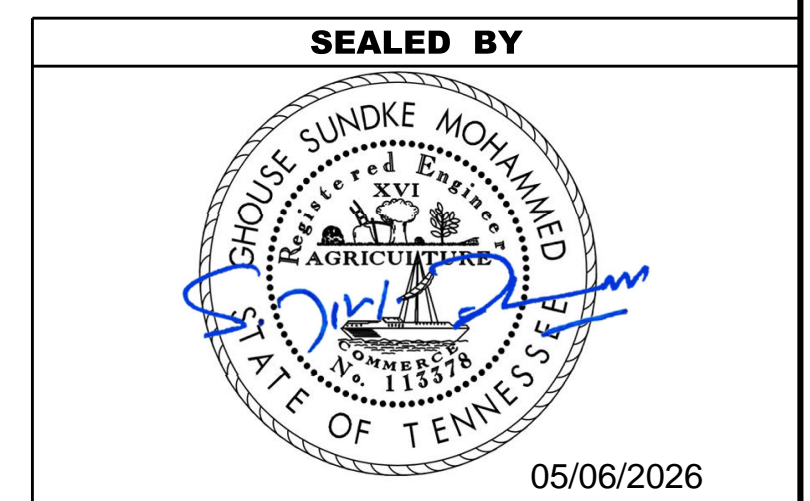
**SUPERELEVATED SECTION  
I-40 EASTBOUND OFF RAMP**

(BASED ON STD. DWG. RD11-TS-4)  
FROM STA. 410+37.34 TO STA. 412+18.45



**MILL & OVERLAY SECTION  
I-40 EASTBOUND OFF RAMP**

(BASED ON STD. DWG. RD11-TS-4)  
FROM STA. 414+87.66 TO STA. 419+29.59



**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL  
SECTIONS**

I-40 EASTBOUND OFF RAMP

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2025	391040-S3-006	2F1
PS&E	2026	391040-S3-006	2F1

REV. 05-06-2026: DELETED 307-01.18 AND 411-01.10.  
 REVISED 307-03.12, 403-01, 411-03.10, 411-03.23 AND 415-01.01.

PAVEMENT QUANTITIES																		
LOCATION (ROADWAY)	ALTERNATE	TYPE - GRADE - PAY ITEM (TON)															AGGREGATE UNDERDRAINS (WITH PIPE) L.F.	
		MINERAL AGG.	BITUMINOUS PLANT MIX BASE (HOT MIX)								PRIME COAT	TACK COAT	HOT APPLIED COAT	TRACKLESS TACK COAT	ASPHALTIC CONCRETE SURFACE (HOT MIX)			COLD PLANNING BITUMINOUS
			PG-64-22				PG-76-22								PG 76-22			
			D	A	A-S	B-M2	A	A-S	B-M2	CM					D	OGFC		
		303-01	307-01.01	307-01.20	307-01.08	307-03.01	307-01.22	307-03.08	307-03.12	402-01	402-02	403-01	403-02.02	403-02.01	411-03.10	411-03.23	415-01.01	710-02
I-40 Mill & Overlay									2800.0			10.0	22.0	30.0		1867.0	4882	
I-40 WB ON RAMP		2377.0				199.0	193.0	401.0	200.0	3.0	112.0	2.0	2.0	2.0	153.0	132.0	151	1246
I-40 WB OFF RAMP		2441.0	32.0	32.0	20.0	244.0	233.0	431.0	201.0	4.0	120.0	3.0	2.0	2.0	218.0	132.0	196	1008
I-40 EB ON RAMP		2713.0				208.0	201.0	404.0	199.0	4.0	110.0	2.0	1.5	2.0	194.0	131.0	192	1171
I-40 EB OFF RAMP		2678.0	54.0	53.0	33.0	234.0	224.0	417.0	195.0	4.0	130.0	2.0	1.5	2.0	186.0	129.0	142	1019
TEMPORARY PAVEMENT		10244.0							1417.0	17.0	571.0	4.0			831.0			
<b>TOTALS</b>		<b>20453.0</b>	<b>86.0</b>	<b>85.0</b>	<b>53.0</b>	<b>885.0</b>	<b>851.0</b>	<b>3070.0</b>	<b>3595.0</b>	<b>32.0</b>	<b>1043.0</b>	<b>23.0</b>	<b>29.0</b>	<b>38.0</b>	<b>1582.0</b>	<b>2391.0</b>	<b>5563</b>	<b>4444</b>

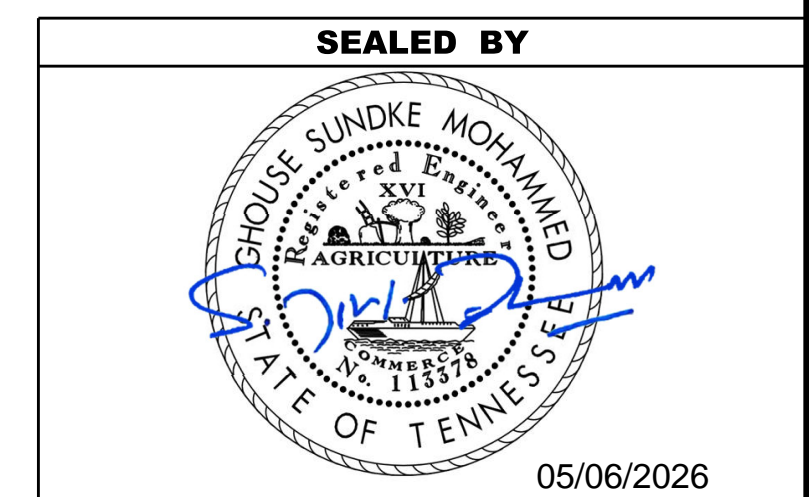
CROSS DRAIN TABULATION																			
STATION	SKEW	RCP CLASS III FILL HEIGHT ≤ 16 FT. (L.F.)						RCP CLASS IV FILL HEIGHT > 16 FT. AND ≤ 24 FT. (L.F.)						END TREATMENT				REMARKS	
		18"	24"	30"	36"	42"	48"	60"	18"	24"	30"	36"	42"	48"	INLET		OUTLET		
															TYPE	DRAWING NO.	TYPE		DRAWING NO.
993+35.50	90°		23												EXIST		ST	D-PE-4	
994+51.96	90°	27													JB1	D-JBS-1	U	D-PE-18A	
997+67.18	60°	46													ST	D-PE-4	ST	D-PE-4	
1001+72.73	60°		50												U	D-PE-24A,B	U	D-PE-24A,B	
1026+65.00	61°						40								WW	DPEW-1, 2	EXIST		
<b>TOTALS</b>		<b>73</b>	<b>73</b>				<b>40</b>												

Pipe Tabulation For Interstate Systems & Arterials With Full Access Control

STORM DRAIN ENDWALLS											
LOCATION \ SHEET NO.	STATION	OFFSET (FT.)	SKEW	CODE	TYPE	STANDARD DRAWING NO.	RIP-RAP CLASS "C" 709-05.09 (TON)	PROTECTED ENDWALLS		SAFETY ENDWALLS (ITEM NO. 611-07.54 THRU 611-07.73 SERIES)	
								CONCRETE (C.Y.)	STEEL BAR REINFORCING (LB.)	24" IN. 3:1	18" IN. 3:1
WB ON RAMP, 4B	120+24.25	60.37' RT			ST	D-PE-4	37.0	1.5	70		
WB ON RAMP, 4B	119+08.31	65.59' RT			U	D-PE-18A	17.0				1
WB ON RAMP, 4B	116+65.44	62.11' RT			ST	D-PE-4	22.0	1.0	45		
WB ON RAMP, 5B	112+60.88	60.06' RT			U	D-PE-24A,B	78.0			1	
EB OFF RAMP, 5B	402+82.33	43.50' RT			ST	D-PE-4		1.5	70		
EB OFF RAMP, 5B	406+92.30	54.26' RT			U	D-PE-24A,B				1	
WB OFF RAMP, 7B	207+07.81	51.42' RT			-	DPEW-1, 2		13.3	671		
<b>TOTALS</b>							<b>154.0</b>	<b>18.0</b>	<b>856</b>	<b>2</b>	<b>1</b>

RIGHT OF WAY MARKERS				
SHEET NO.	Item #: 708-02.01			
	"A"	"B"	"C"	TOTALS
4A		2	2	4
5A		2	4	6
6A		1	1	2
7A		1	1	2
8A		1	1	2
<b>TOTALS</b>		<b>7</b>	<b>9</b>	<b>16</b>

CROSS DRAIN LINER								
SHEET NO.	STATION	LOCATION	SKEW	PIPE SIZE (IN)	THICKNESS (IN)	LENGTH (FT)	LINER TYPE	
							SAPL TYPE 1 GROUT (PIPE/CULVERT REPAIR) 607-25.01 (C.F.)	SPRAY APPLIED PIPE LINER (SAPL) 607-25.02 (C.F.)
4B	993+35.50	I-40 C.L.	90°	24	1.0	184.5		92.6
4B, 5B	1001+72.73	I-40 C.L.	60°	24	1.0	236.7		118.7
7B	1026+65	I-40 C.L.	61°	60	1.0	219.3	282.3	
<b>TOTALS</b>						<b>640</b>	<b>283.0</b>	<b>212.0</b>



**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

TABULATED  
QUANTITIES