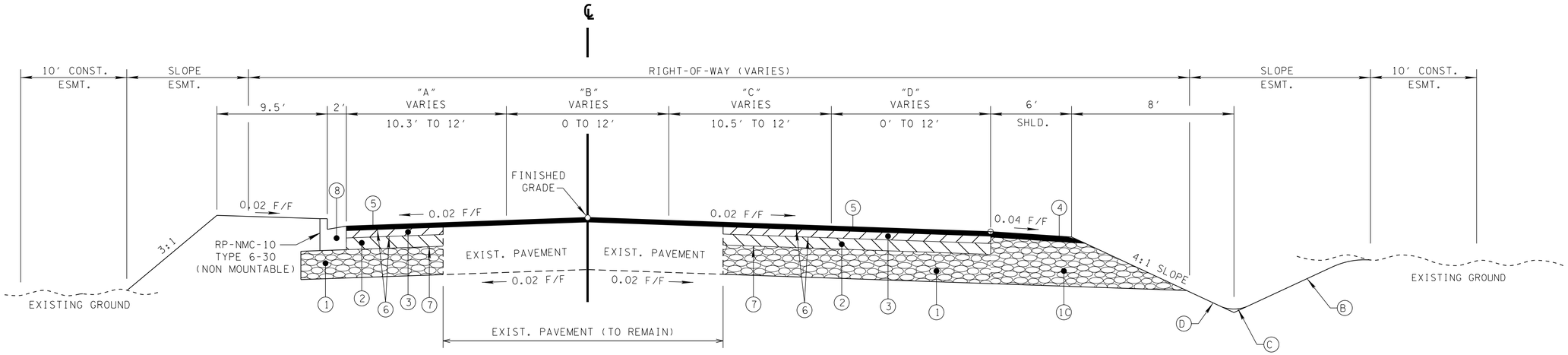
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2015	HSIP-247(12)	2

TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.



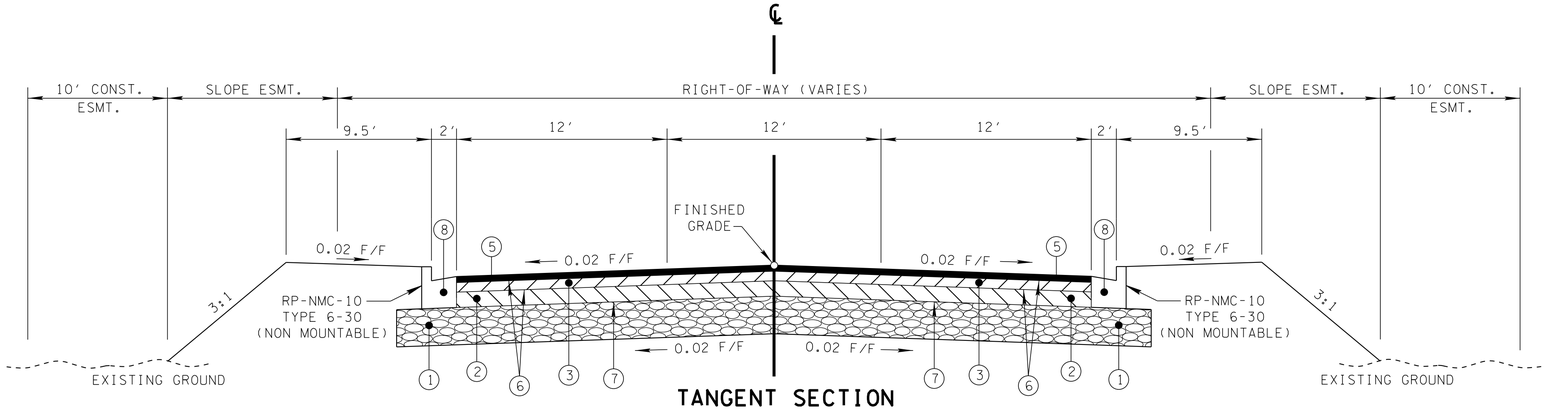
TANGENT SECTION

(BASED ON STD. DWG. RD01-TS-2)

S.R. 247 (BEECHCROFT RD.)

STA. 12+25.00 TO STA. 17+64.00

TABLE OF DIMENSIONS S.R. 247 (BEECHCROFT RD.)					
DIMENSION	WIDTH (FT)	STATION	WIDTH (FT)	STATION	REMARKS
"A"	10.30	12+25.00	12.00	16+35.00	TRANSITION
"A"	12.00	16+35.00	12.00	17+64.00	
"B"	0	12+25.00	12.00	16+35.00	TRANSITION
"B"	12.00	16+35.00	12.00	17+64.00	
"C"	10.50	12+25.00	12.00	12+65.00	TRANSITION
"C"	12.00	12+65.00	12.00	17+64.00	
"D"	0	12+25.00	0	12+65.00	
"D"	0	12+65.00	12.00	16+35.00	TRANSITION
"D"	12.00	16+35.00	12.00	17+64.00	



TANGENT SECTION

(BASED ON STD. DWG. RD01-TS-6A)

S.R. 247 (BEECHCROFT RD.)

STA. 18+45.00 TO STA. 21+55.00

ROADWAY SLOPE STABILIZATION NOTES
ITEM NO. 803-01, (NEW SOD) SHALL BE USED ON ALL SLOPES.

(A) THE SLOPES OF THE SHOULDER AND ROADWAY PAVEMENT SHALL NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 0.07.

(B) SEE STANDARD DRAWING RD-S-11 FOR FILL AND CUT SLOPE TABLES, ROUNDING ON TOP OF CUT SLOPES AND TOE OF FILL SLOPES AND SPECIAL ROCK CUT.

(C) SEE STANDARD DRAWING RD-S-11A FOR ROUNDING OF ROADSIDE DITCH SLOPES.

(D) SEE STANDARD DRAWING RD-S-11 (CASE II) FOR DESIRABLE SLOPES & NOTE REGARDING GEOLOGICAL RECOMMENDATIONS.

PROPOSED PAVEMENT SCHEDULE

MINERAL AGGREGATE, TYPE A BASE, GRADING D

(1) MINERAL AGGREGATE BASE AT 8 INCHES+ THICK UNDER ROADWAY
(1A) MINERAL AGGREGATE BASE AT 10 INCHES+ THICK UNDER ROADWAY
(1B) MINERAL AGGREGATE BASE AT 11.75 INCHES+ THICK UNDER ROADWAY
(1C) MINERAL AGGREGATE BASE AT 12.75 INCHES+ THICK UNDER ROADWAY
303-01 MINERAL AGGREGATE, TYPE A BASE, GRADING D

BITUMINOUS BASE COURSE (ROADWAY) (PG64-22)

(2) BITUMINOUS PLANT MIX BASE (HOT MIX) AT 3 INCHES+ THICK (APPROX. 270 lbs. PER SQ. YD.)
307-01.01 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A

BITUMINOUS PLANT MIX BASE COURSE (PG64-22)

(3) BITUMINOUS BINDER AT 2 INCHES+ THICK (APPROX. 226 lbs. PER SQ. YD.)
307-01.08 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2

BITUMINOUS SURFACE COURSE (SHOULDERS)

(4) BITUMINOUS SURFACING (SHOULDERS) AT 1.50 INCHES+ THICK (APPROX. 154.5 LBS PER SQ. YD.)
411-01.07 ACS MIX (PG64-22) GRADING E SHOULDER

BITUMINOUS SURFACE COURSE (ROADWAY) (PG64-22)

(5) BITUMINOUS SURFACING (ROADWAY) AT 1.25 INCHES+ THICK(APPROX. 132.5 lbs. PER SQ. YD.)
411-01.10 ACS MIX(PG64-22) GRADING D

TACK COAT

(6) 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC) AT 0.07 GALS PER SQ. YD.
(6A) 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC) AT 0.10 GALS PER SQ. YD.

PRIME COAT

(7) 402-01 BITUMINOUS MATERIAL FOR PRIME COAT (PC) AT 0.35 GALS PER SQ. YD.
402-02 AGGREGATE FOR COVER MATERIAL (PC) AT 10 LBS. PER S.Y.

CURB AND GUTTER

(8) 6" NONMOUNTABLE CONCRETE COMBINED CURB AND GUTTER
702-03 STANDARD CONCRETE COMBINED CURB AND GUTTER, TYPE 6-30 (D=6 INCHES), (STANDARD DRAWING NO. RP-NMC-10)

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

\\JO3WF01.tdot.state.tn.us\03Shared\SURVEY\DESIGN\PIN 117319.01 Maury Co. SR-247 RSAR at Cleburne Rd\Design Files\117319-01-ROW-Rev-03-08-16\117319-01-ROW-Rev-03-08-16\MUSR247RSAR02.sht.DGN 04-AUG-2016 13:47