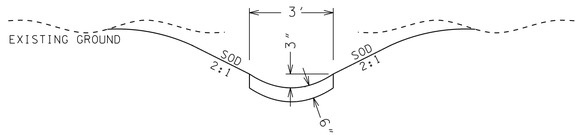
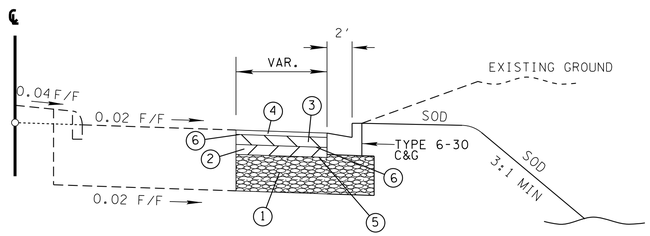
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2018	33002-4177-04	2B



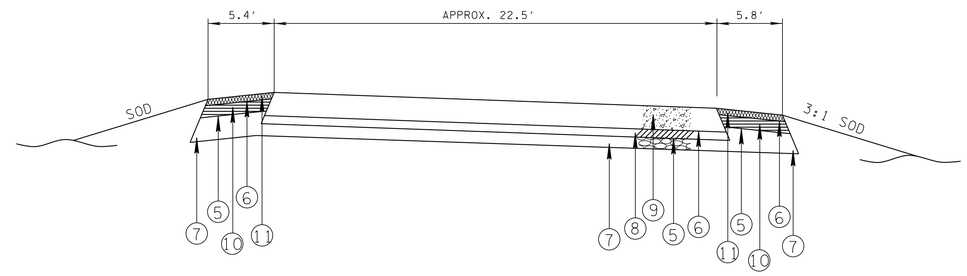
CONCRETE SWALE DITCH TYPICAL SECTION

(AT ENDWALL 14)



S.R. 2 (CUMMINGS HWY)

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

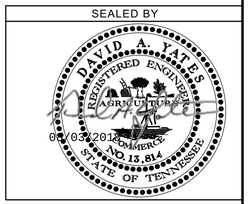


INTERSTATE EXIT RAMP 2 (AT PIPE SS-13)

PROPOSED PAVEMENT SCHEDULE

1. MINERAL AGGREGATE BASE @ 10" THICK MAX. (VARIES)
   303-01 MINERAL AGGREGATE, TYPE "A" BASE, GRADING "D"
2. BITUMINOUS BASE (HOT MIX) GRADING "A" 6.00" THICK (APPROX. 690 LBS/SY)
   307-02.01 ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A (PLACED IN 3" LIFTS)
3. BITUMINOUS BINDER GRADING "B-M2" 2.00" THICK (APPROX. 226 LBS/SY)
   307-02.08 ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2
4. BITUMINOUS SURFACE@1.25"±THICK(APPROX.132.5LBS/SY)
   411-01.10 GRADING D SURFACE (PG 64-22)
5. PRIME COAT
   402-01 BITUMINOUS MAT. FOR PRIME COAT (PC) @0.30-0.35 GAL/SY
   402-02 AGGREGATE FOR COVER MATERIAL (PC) @8-12 LB/SY
6. TACK COAT(TC) @ (0.10 GAL./S.Y.)(COLD PLANING)
   (0.07 GAL./S.Y.)(GENERAL)
   ITEM 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC)
7. MINERAL AGGREGATE @ 6 in. THICK
   303-01 MINERAL AGGREGATE, TYPE A BASE, GRADING "D"
8. BITUMINOUS BASE (HOT MIX) GRADING "A" 3.00" THICK (APPROX. 345 LBS/SY)
   307-02.01 ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A
9. PORTLAND CEMENT CONCRETE (PLAIN) @ 10" THICK
   501-01.03
10. BITUMINOUS PLANT MIX BASE (HOT MIX) @ 2.00" THICK
    307-02.08 ACS MIX (PG70-22) (BPMB-HM) GRADING B-M2
    (APPROXIMATELY 226 LB/S.Y.)
11. ASPHALTIC CONCRETE SURFACE @ 1.25 in. THICK
    (APPROX. 215.00 LBS./SQ.YD.)
    411-02.11 ACS MIX (PG70-22) GRADING "E" SHOULDER

SEALED BY



STATE OF TENNESSEE
DEPARTMENT OF
TRANSPORTATION

TYPICAL SECTIONS

CELL BDR2ND
03-AUG-2018 08:40
\\jj02wf01\02shared\Design County Folders\Hamilton\SR 2 RSAR Cummings Hwy\Proposed Drainage Solutions May 2018\002B_Typical.sht