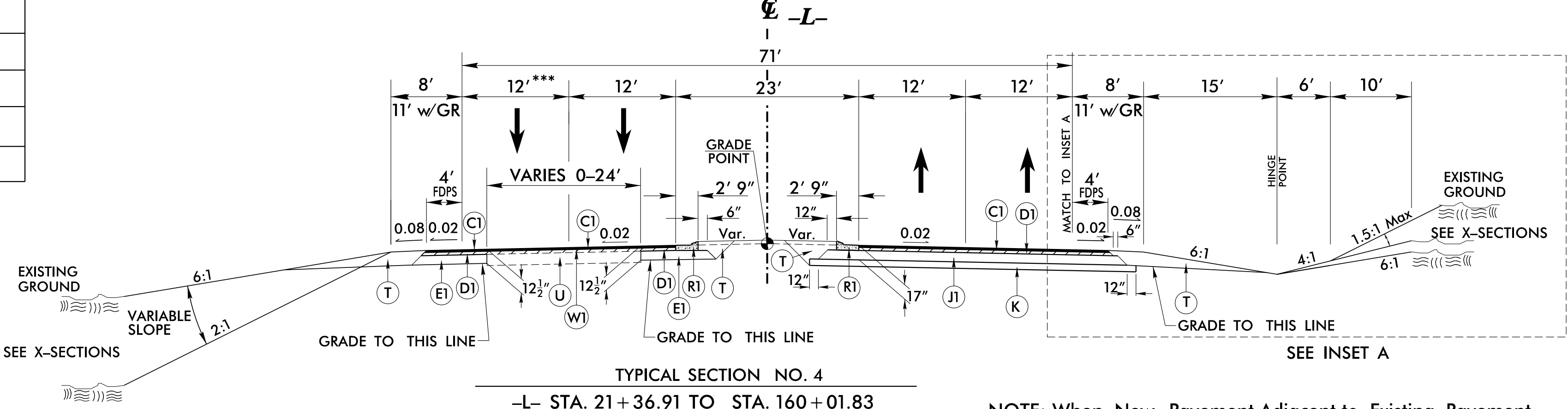
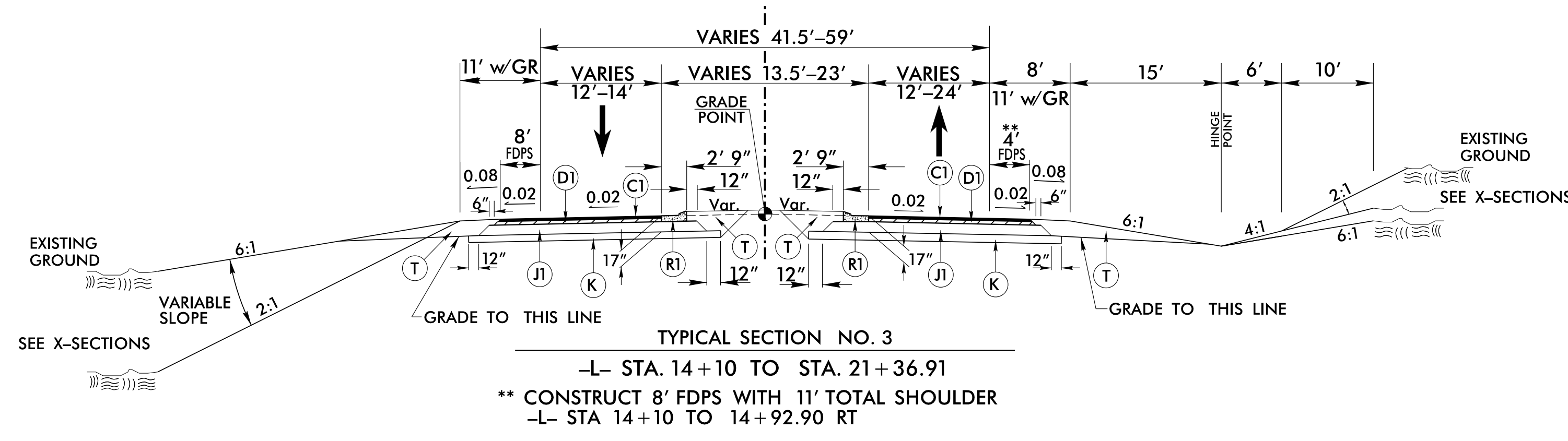
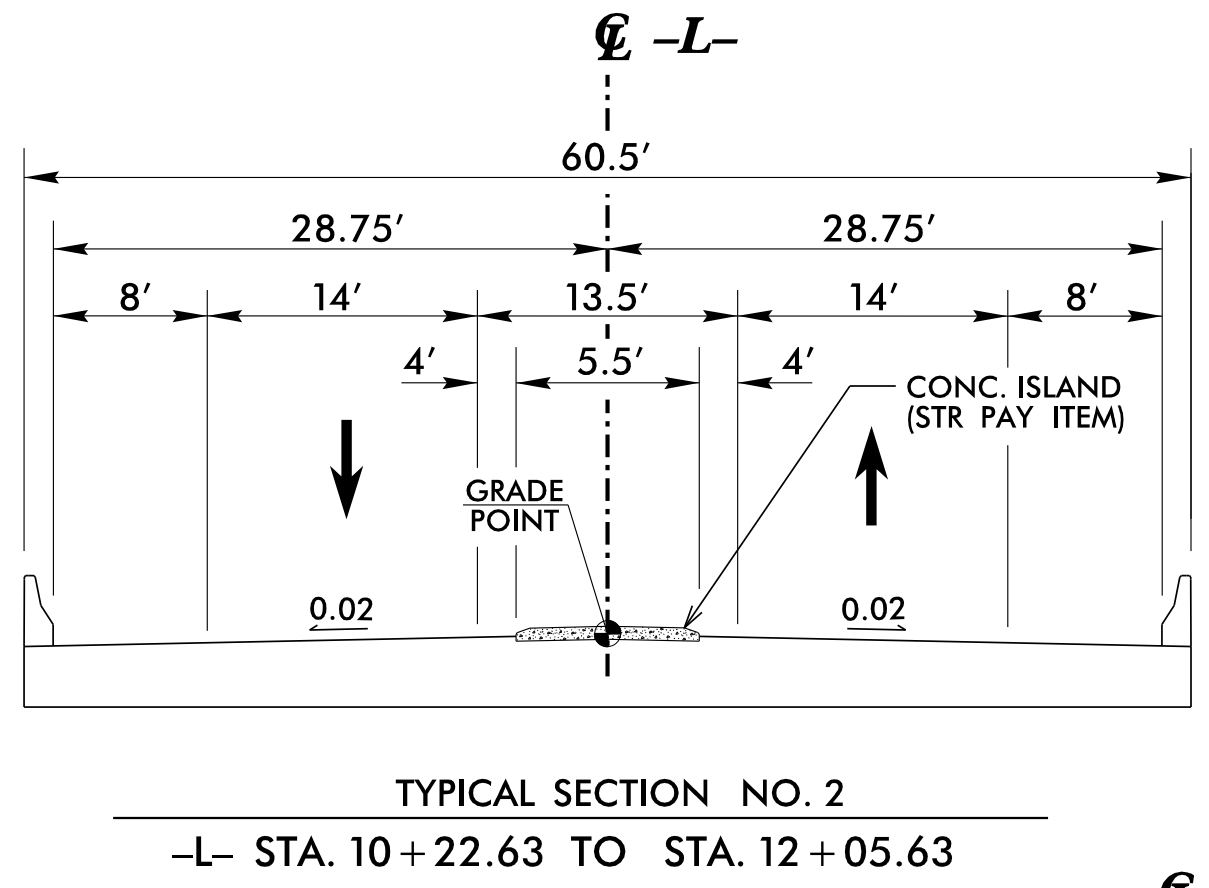
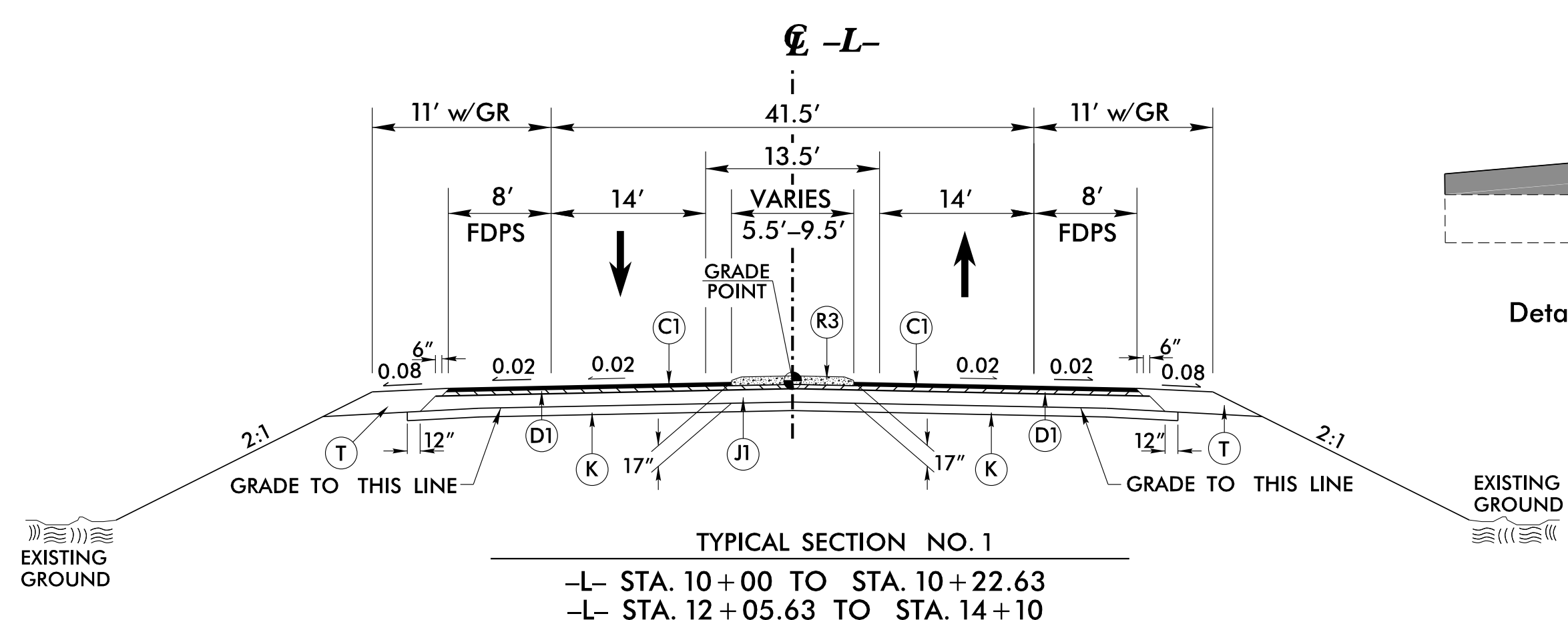
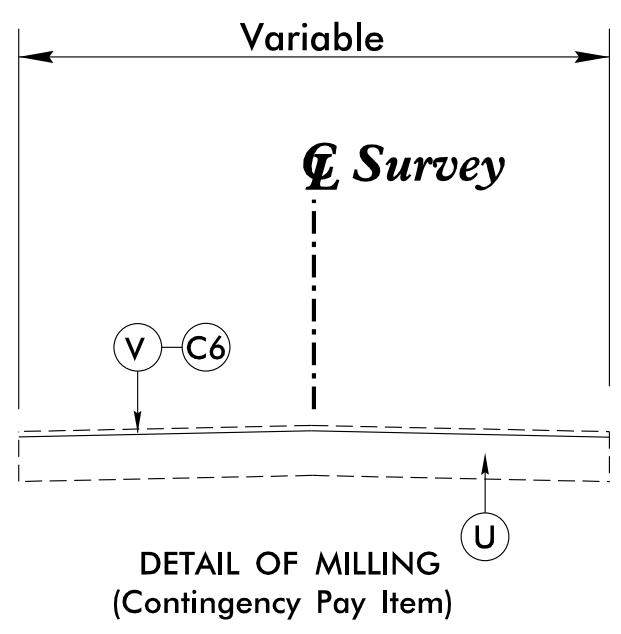


PAVEMENT DESIGN	
C1	PROP. APPROX. 3" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.
C2	PROP. APPROX. 3" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.
C3	PROP. APPROX. 2 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5A, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.
C4	PROP. VAR. DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 112 LBS. PER SQ. YD. PER 1" DEPTH. TO BE PLACED IN LAYERS NOT TO EXCEED 2" IN DEPTH.
C5	PROP. VAR. DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD. PER 1" DEPTH. TO BE PLACED IN LAYERS NOT TO EXCEED 1.5" IN DEPTH.
C6	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C7	PROP. APPROX. 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD.
D1	PROP. APPROX. 4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
D2	PROP. APPROX. 4 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B, AT AN AVERAGE RATE OF 513 LBS. PER SQ. YD.
D3	PROP. APPROX. 2 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
D4	PROP. VAR. DEPTH ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B, AT AN AVERAGE RATE OF 114 LBS. PER SQ. YD. PER 1" DEPTH, TO BE PLACED IN LAYERS NOT LESS THAN 2 1/2" IN DEPTH OR GREATER THAN 4" IN DEPTH.
E1	PROP. APPROX. 5 1/2" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
E2	PROP. APPROX. 4" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
E3	PROP. APPROX. 5 1/2" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
E4	PROP. VAR. DEPTH ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 114 LBS. PER SQ. YD. PER 1" DEPTH. TO BE PLACED IN LAYERS NOT LESS THAN 3" IN DEPTH OR GREATER THAN 5 1/2" IN DEPTH.
E5	PROP. APPROX. 4" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
J1	10" AGGREGATE BASE COURSE
J2	8" AGGREGATE BASE COURSE
J3	VARIABLE DEPTH AGGREGATE BASE COURSE
K	BASE TO BE TREATED WITH LIME TO A DEPTH OF 8", AT A RATE OF 20 LBS. PER SQ. YD. AS DIRECTED BY THE ENGINEER -OR- BASE TO BE TREATED WITH CEMENT TO A DEPTH OF 7", AT A RATE OF 55 LBS. PER SQ. YD. AS DIRECTED BY THE ENGINEER
N	GEOTEXTILE FOR PAVEMENT STABILIZATION
P	PRIME COAT AT THE RATE OF .35 GAL. PER SQ. YD.
R1	2'-9" MOUNTABLE CURB & GUTTER
R2	2'-6" CURB & GUTTER
R3	5" MONOLITHIC CONCRETE ISLAND (KEYED-IN)
R4	CONCRETE EXPRESSWAY GUTTER
R5	DOUBLE FACED CONCRETE BARRIER, TYPE T
R6	DOUBLE FACED CONCRETE BARRIER, TYPE T1
R7	DOUBLE FACED CONCRETE BARRIER, TYPE T2
R8	SINGLE FACED CONCRETE BARRIER
T	EARTH MATERIAL.
U	EXISTING PAVEMENT
V	MILLING OF EXISTING ASPHALT PAVEMENT, 1.5" IN DEPTH
W1	VARIABLE DEPTH ASPHALT PAVEMENT (SEE WEDGING DETAIL NO. 1)
W2	VARIABLE DEPTH ASPHALT PAVEMENT (SEE WEDGING DETAIL NO. 2)
W3	VARIABLE DEPTH ASPHALT PAVEMENT (SEE WEDGING DETAIL NO. 3)

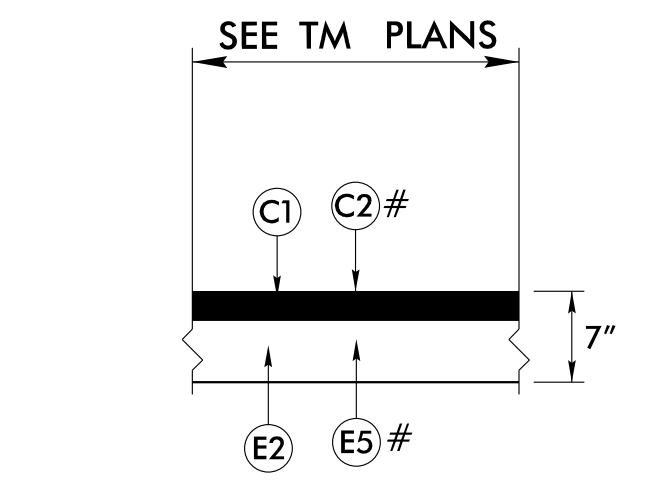
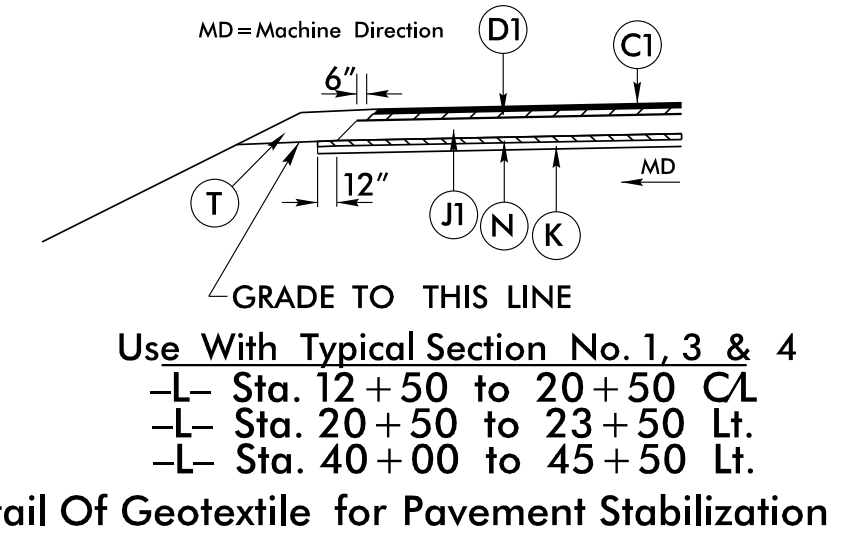
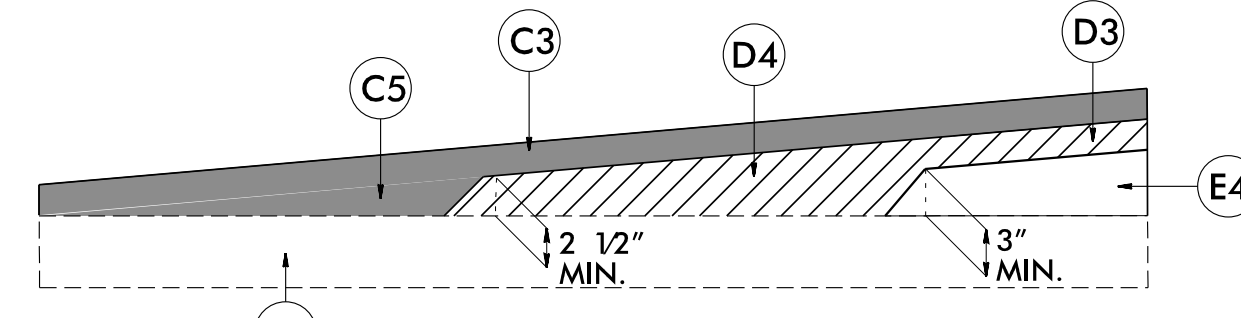
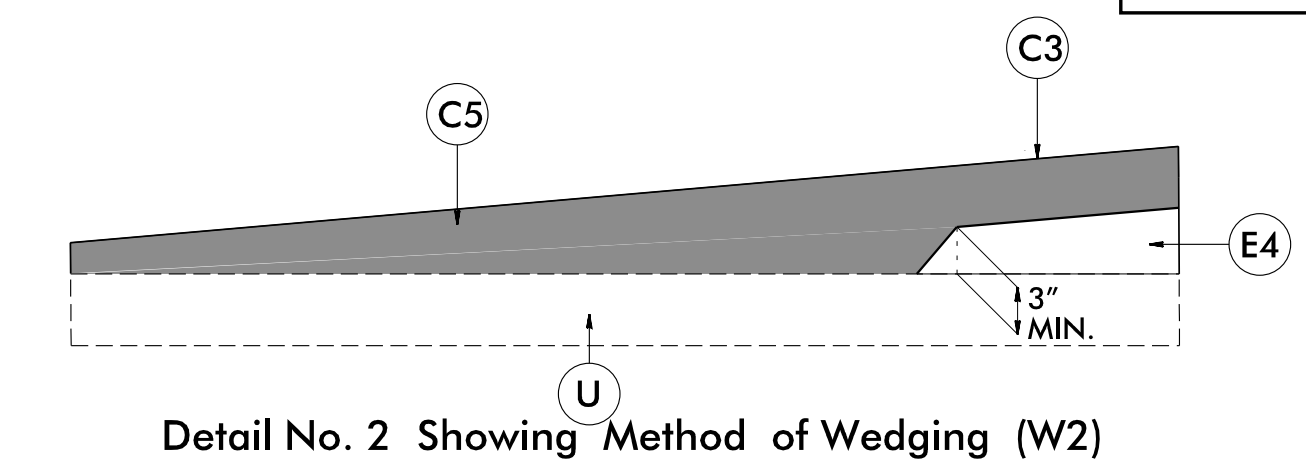
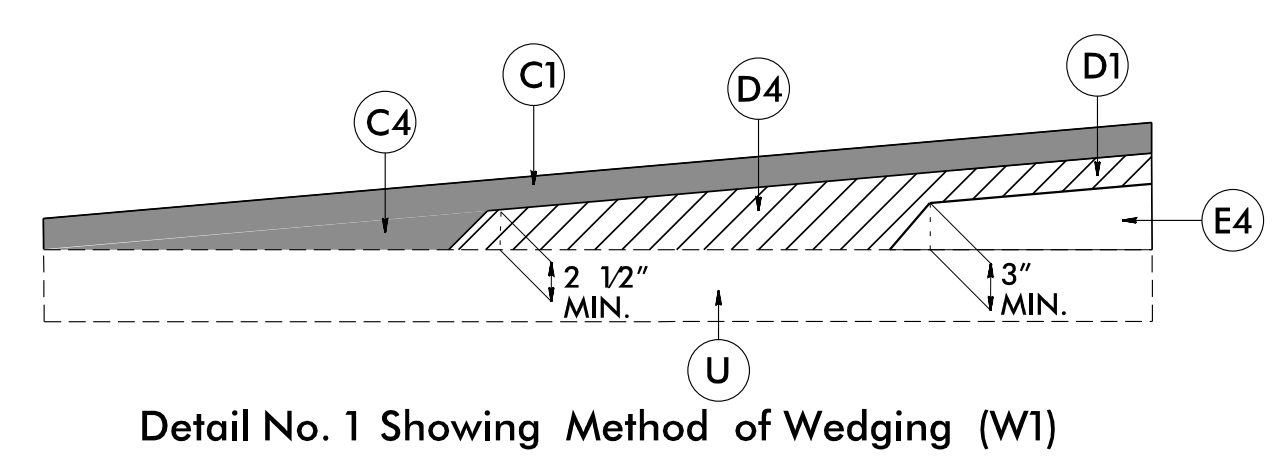
NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.



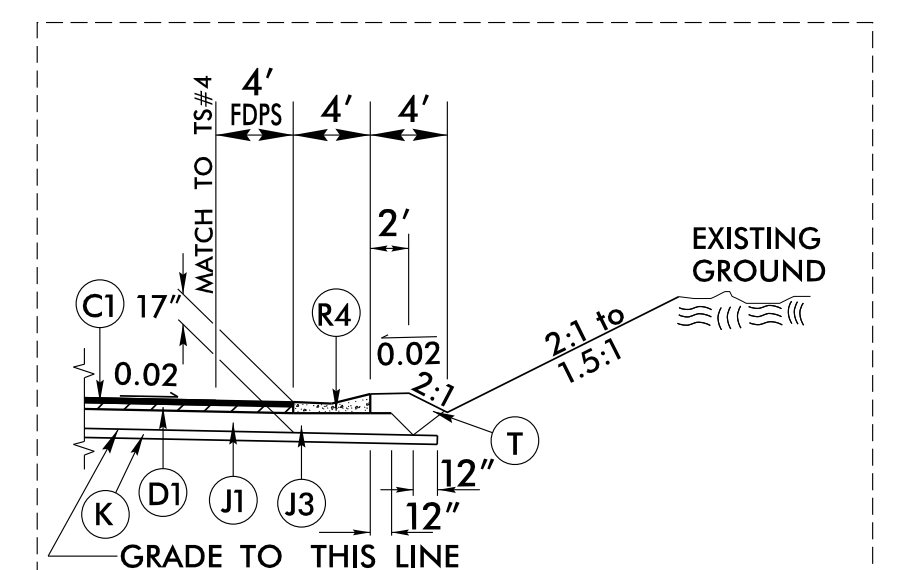
*** NO OUTSIDE LANE -L- STA. 21+36.91 TO STA. 26+09.56 (SEE -RPB- ON TYPICAL SECTION NO. 10)

NOTE: When New Pavement Adjacent to Existing Pavement is 6' or Greater, Use (J) in Lieu of (E)

NOTE: Reverse Typical Section No. 4 When Widening Existing Pavement on Right Side of -L-



TEMPORARY PAVEMENT DETAIL NO. 1
-L- (US 221) UP TO 8 MONTHS
-Y1- (US 421) UP TO 3 MONTHS



INSET A
-L- STA. 26+80 TO STA. 34+50 Rt
-L- STA. 136+93.01 TO STA. 152+75.00 Rt
(Use 1.5:1 Slope Only -L- Sta. 145+00 to 152+75 Rt.)

PROJECT REFERENCE NO. R-2915A	SHEET NO. 2A-1
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	PAVEMENT DESIGN ENGINEER
7/24/2015	7/24/2015

V&M
Vaughan & Melton
Consulting Engineers

Asheville, NC
828-253-2796

Boone, NC 828-255-9333
 Fayetteville, NC 828-461-9801
 Knoxville, TN 865-546-1800
 Spartanburg, SC 864-574-4175
 Charleston, SC 843-574-9650
 Wadesboro, NC 803-248-6600
 Raleigh, NC 919-977-9455
 Charlotte, NC 704-351-0488
 Atlanta, GA 770-627-3509

Copyright © 2006 Vaughan & Melton, Inc. All Rights Reserved.