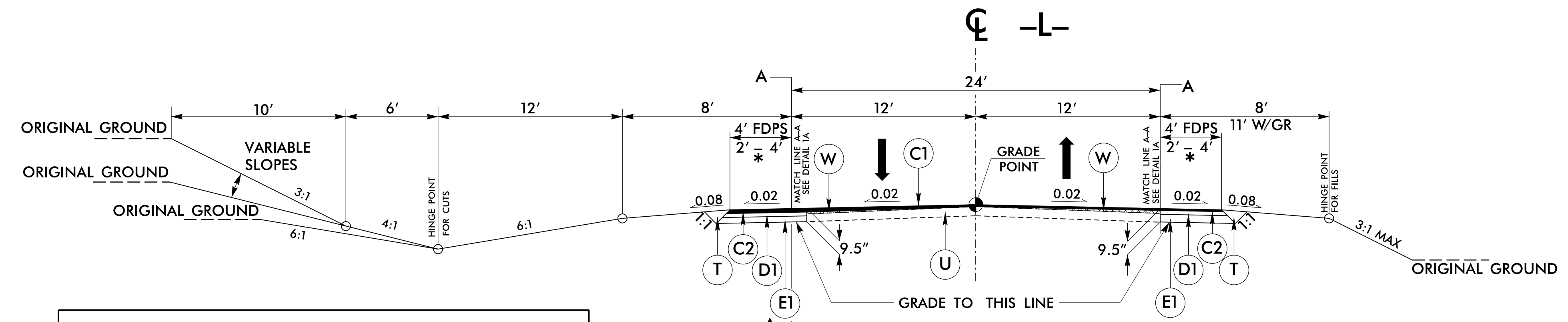


6/2/09

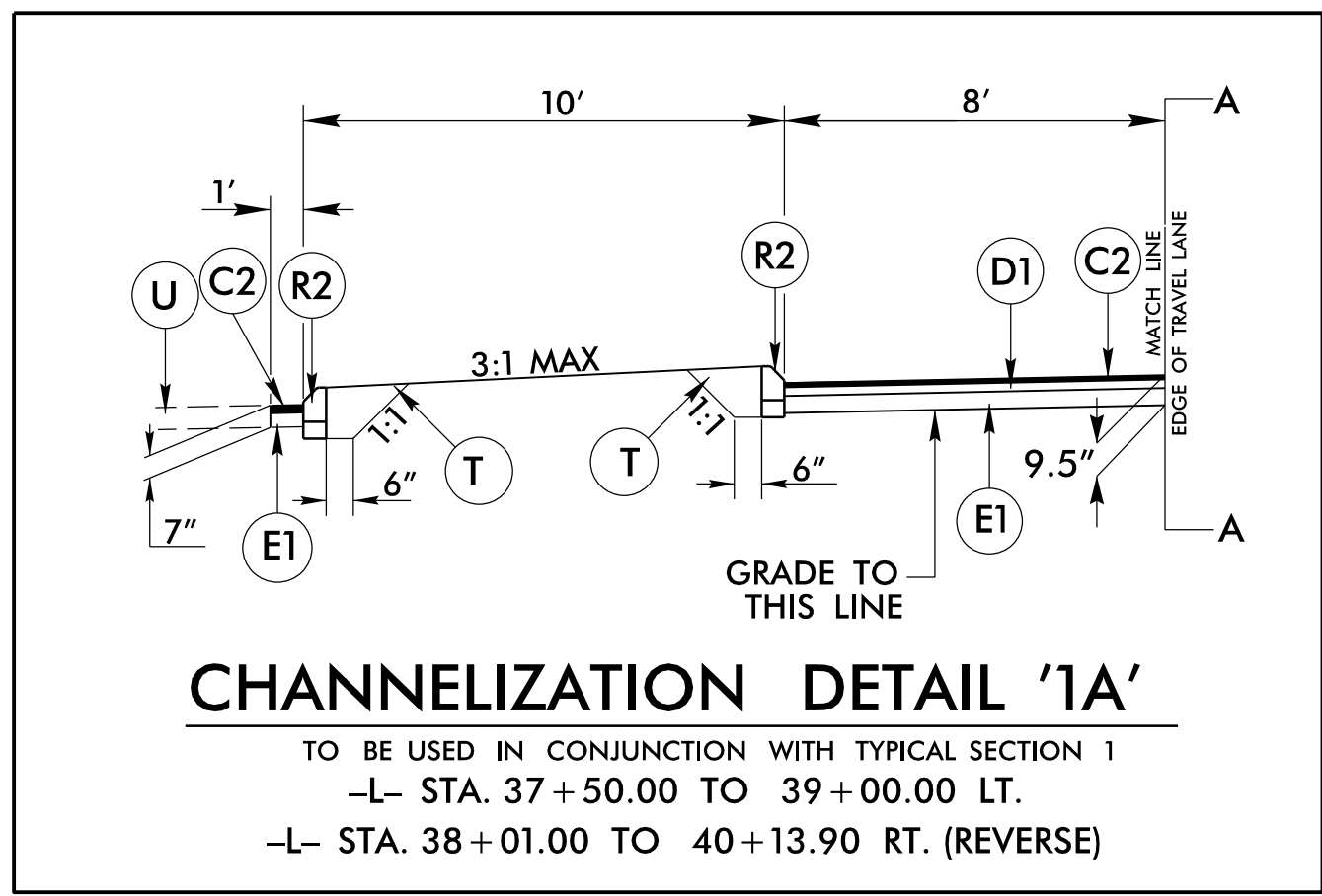
**SEPI**  
Engineering & Construction, Inc.  
1 Glenwood Avenue  
Raleigh, NC 27603  
Tel: 919.789.9977  
Fax: 919.789.9591  
License: C-2197

PROJECT REFERENCE NO. <b>B-5301</b>	SHEET NO. <b>2A-1</b>
ROADWAY DESIGN ENGINEER <i>Benjamin K. Crawford</i> SEAL 32606	PAVEMENT DESIGN ENGINEER <i>Clark S. Morrison</i> SEAL 22896
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	

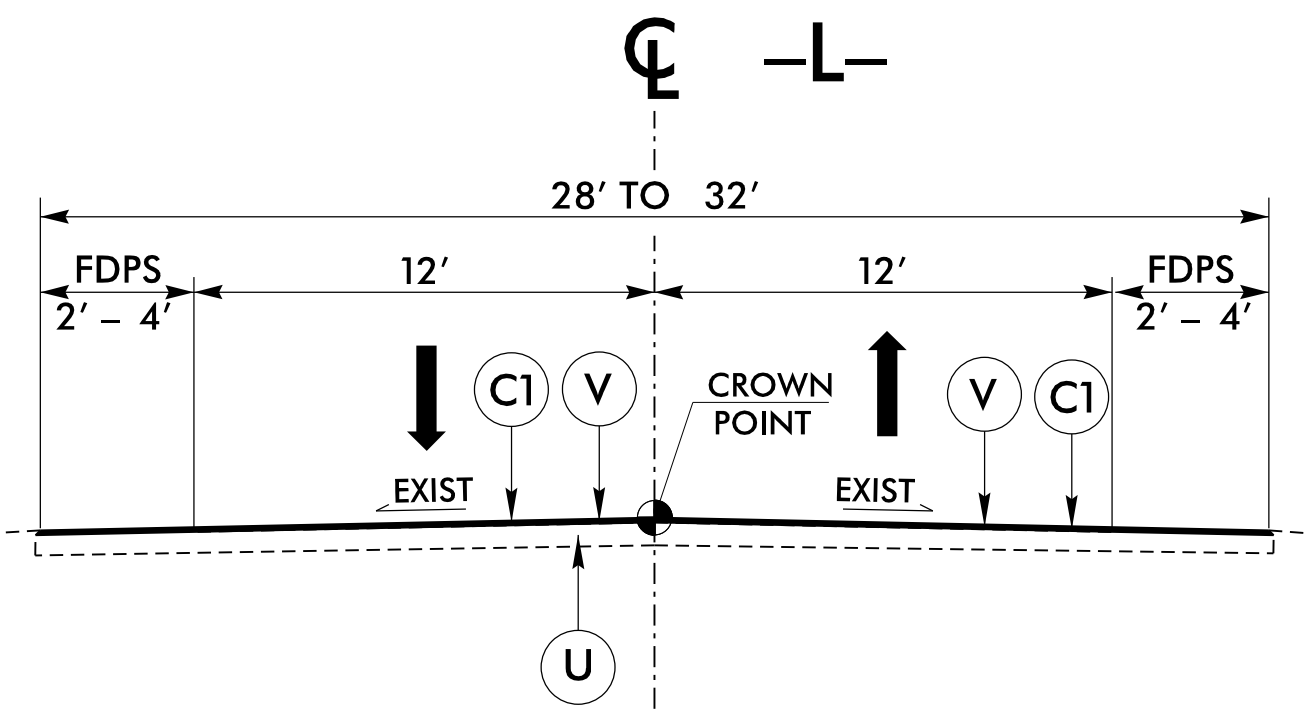


**ROADWAY TYPICAL SECTION NO. 1**

- \* -L- STA. 11+00.00 TO -L- STA. 11+50.00
- L- STA. 11+50.00 TO -L- STA. 13+55.52
- L- STA. 36+28.18 TO -L- STA. 41+50.00

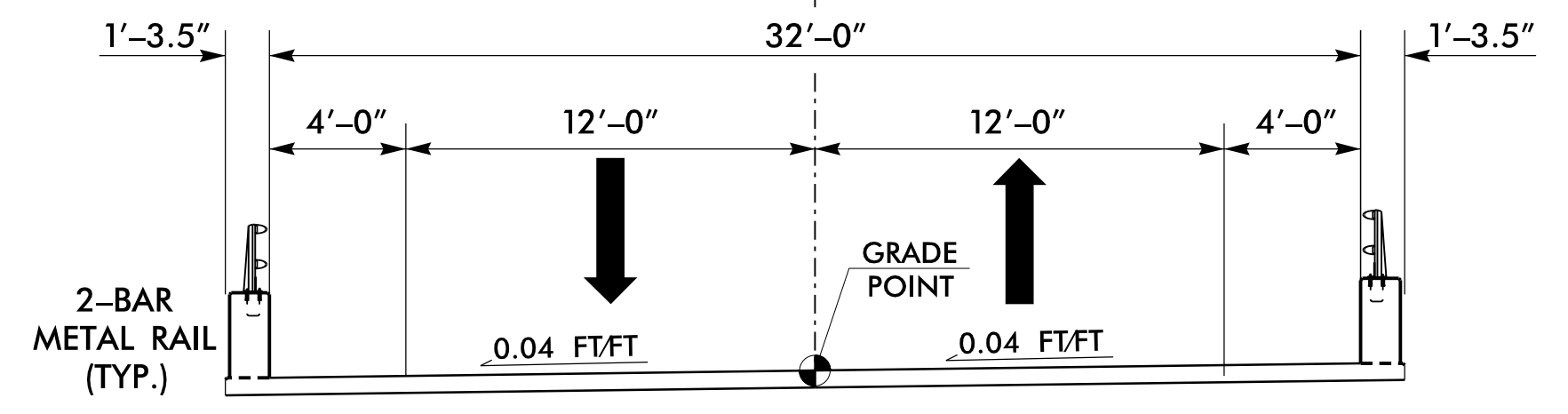


**CHANNELIZATION DETAIL '1A'**  
TO BE USED IN CONJUNCTION WITH TYPICAL SECTION 1  
-L- STA. 37+50.00 TO 39+00.00 LT.  
-L- STA. 38+01.00 TO 40+13.90 RT. (REVERSE)



**ROADWAY TYPICAL SECTION NO. 2**

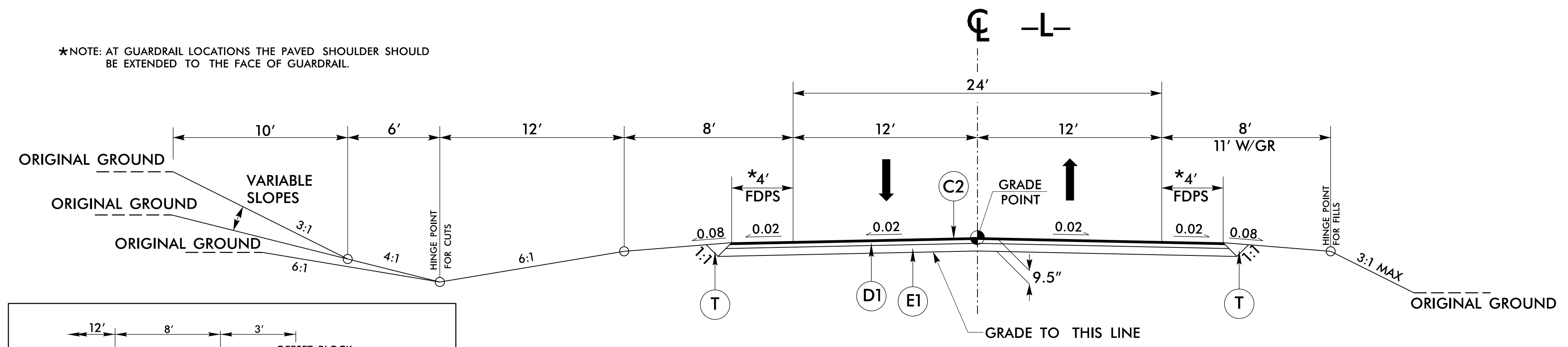
- L- STA. 41+50.00 TO -L- STA. 42+00.00,
- TRANSITION FROM T.S. 1 TO EXISTING



**BRIDGE TYPICAL SECTION**

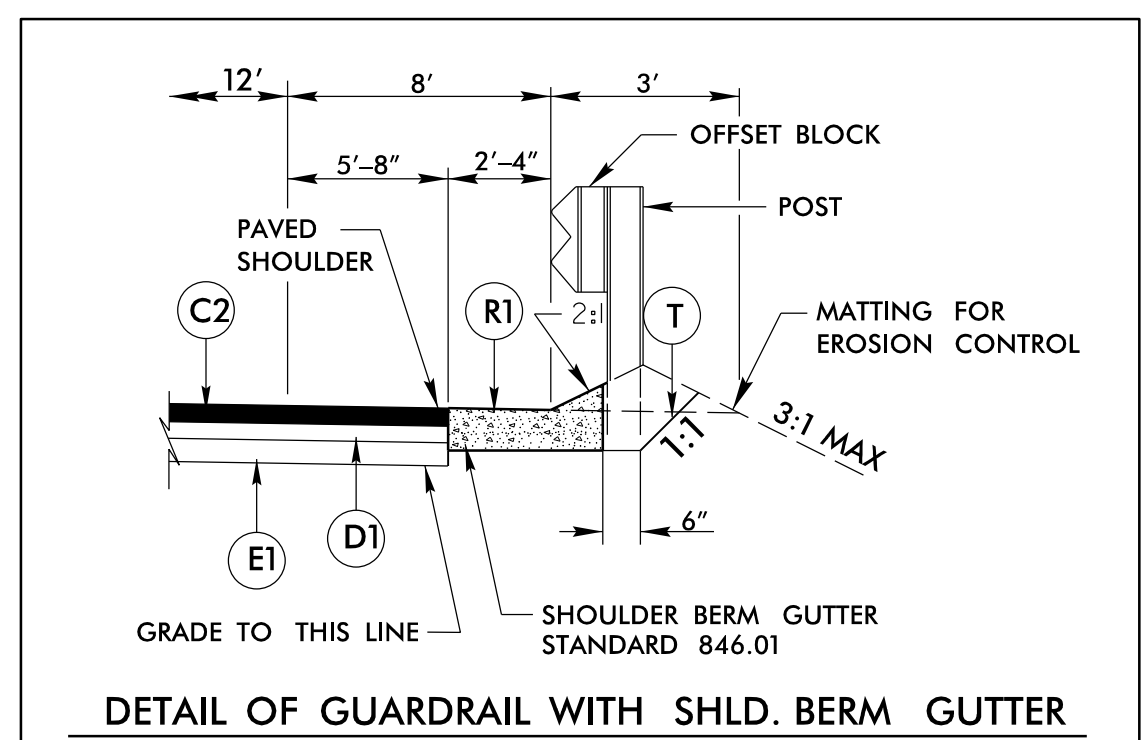
- USE BRIDGE TYPICAL SECTION
- L- STA. 24+45.05 TO -L- STA. 27+32.05

\*NOTE: AT GUARDRAIL LOCATIONS THE PAVED SHOULDER SHOULD BE EXTENDED TO THE FACE OF GUARDRAIL



**ROADWAY TYPICAL SECTION NO. 3**

- L- STA. 13+55.52 TO -L- STA. 24+45.05 (BEGIN BRIDGE)
- L- STA. 27+32.05 (END BRIDGE) TO -L- STA. 36+28.18



**DETAIL OF GUARDRAIL WITH SHLD. BERM GUTTER**

- USE WITH TYPICAL SECTION 3
- L- STA. 17+95.00 TO 23+98.00 RT. SIDE
- L- STA. 27+27.00 TO 34+50.00 RT. SIDE
- L- STA. 16+95.00 TO 24+45.00 LT. SIDE
- L- STA. 27+84.00 TO 34+55.00 LT. SIDE

PAVEMENT SCHEDULE (FINAL PAVEMENT DESIGN)	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. 3" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.
C3	PROP. VAR. DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, 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.
D1	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
D2	PROP. VAR. DEPTH ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 114 LBS. PER SQ. YD. PER 1" DEPTH, TO BE PLACED IN LAYERS NOT LESS THAN 2.5" IN DEPTH OR GREATER THAN 4" IN DEPTH.
E1	PROP. APPROX. 4" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
E2	PROP. VAR. DEPTH ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 114 LBS. PER SQ. YD. PER 1" DEPTH. TO BE PLACED IN LAYERS NOT LESS THAN 4" IN DEPTH OR GREATER THAN 5.5" IN DEPTH.
J1	6" AGGREGATE BASE COURSE
R1	SHOULDER BERM GUTTER
R2	8"x18" CONCRETE CURB
T	EARTH MATERIAL.
U	EXISTING PAVEMENT.
V	INCIDENTAL MILLING
W	WEDGING (SEE STANDARD WEDGING DETAIL)

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

3/24/2008 10:53:01 - Rdj - tjp.dgn