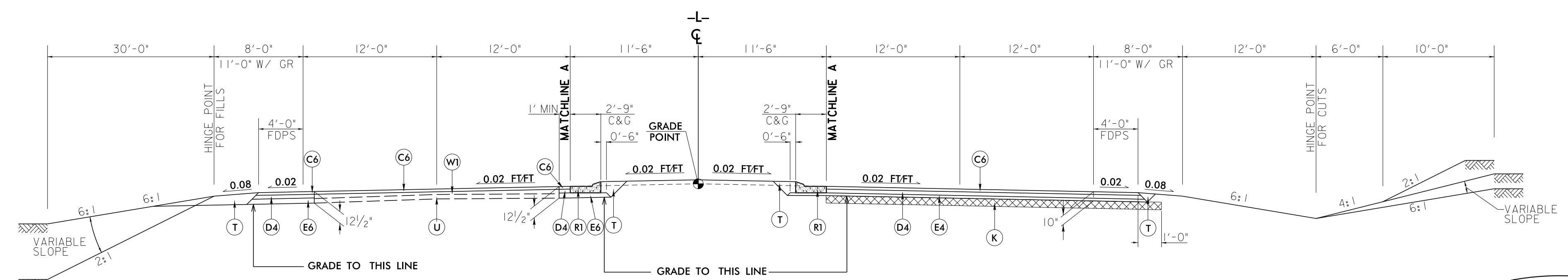


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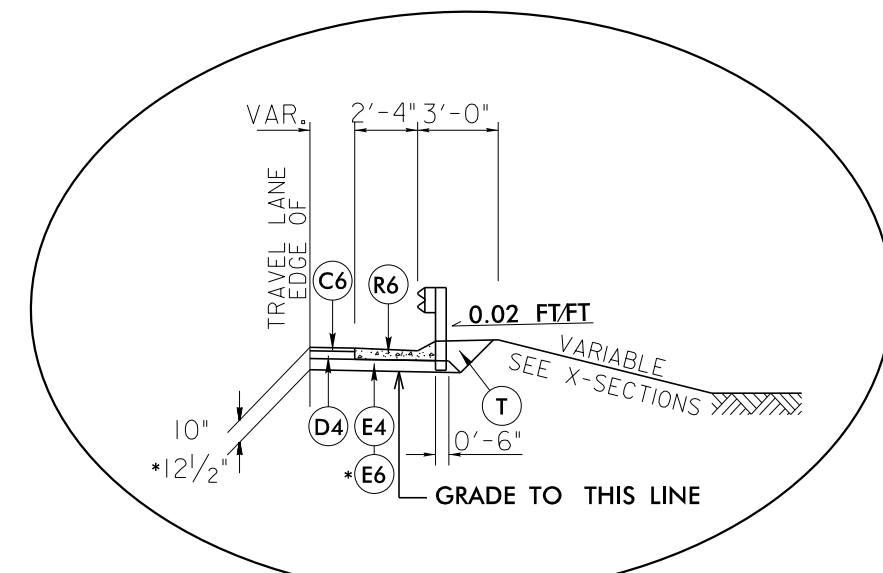


TYPICAL SECTION NO. 1

USE TYPICAL SECTION NO. 1:

- L- STA 12+00.00 TO 94+70.00
- L- STA 108+05.00 TO 130+00.00

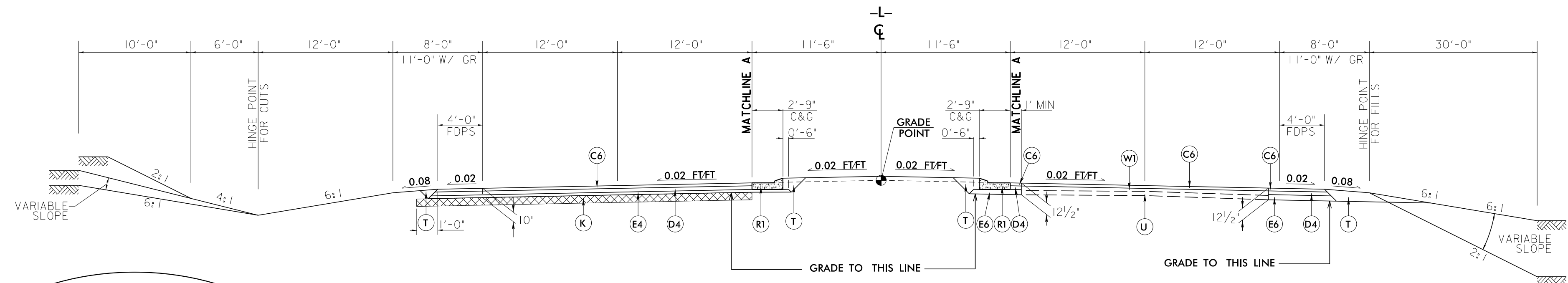
** TRANSITION BETWEEN TS NO. 1 AND TS NO. 2
 -L- STA 94+70.00 TO 102+50.00
 -L- STA 130+00.00 TO 132+43.00



DETAIL FOR SHOULDER BERM GUTTER IN CONJUNCTION WITH GUARDRAIL

USE IN CONJUNCTION WITH TYPICAL SECTION NO. 1 & 2.

- L- STA 28+75.00 TO 35+12.50 RT
- *-L- STA 29+25.00 TO 33+63.50 LT
- *-L- STA 46+75.00 TO 49+32.00 LT
- L- STA 45+12.50 TO 48+87.50 RT
- *-L- STA 109+25.00 TO 115+72.00 LT
- *-L- STA 130+75.00 TO 133+75.00 LT
- *-L- STA 163+75.00 TO 166+00.00 RT
- L- STA 164+87.50 TO 168+75.00 LT
- *-L- STA 167+50.00 TO 169+25.00 RT
- L- STA 218+37.50 TO 223+25.00 LT
- *-L- STA 229+87.50 TO 234+24.00 RT

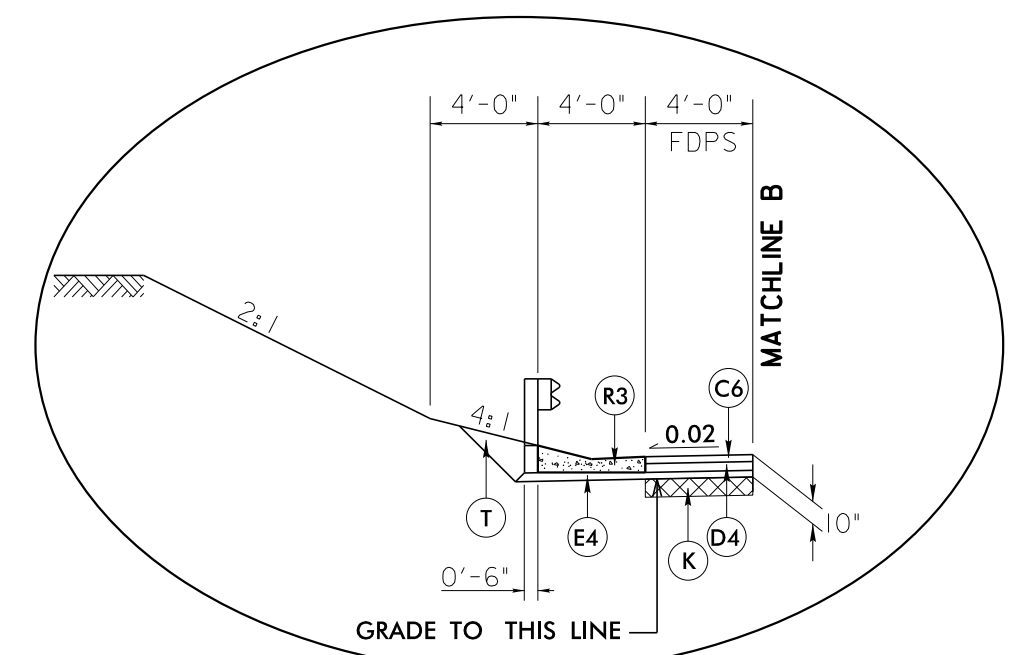


TYPICAL SECTION NO. 2

USE TYPICAL SECTION NO. 2:

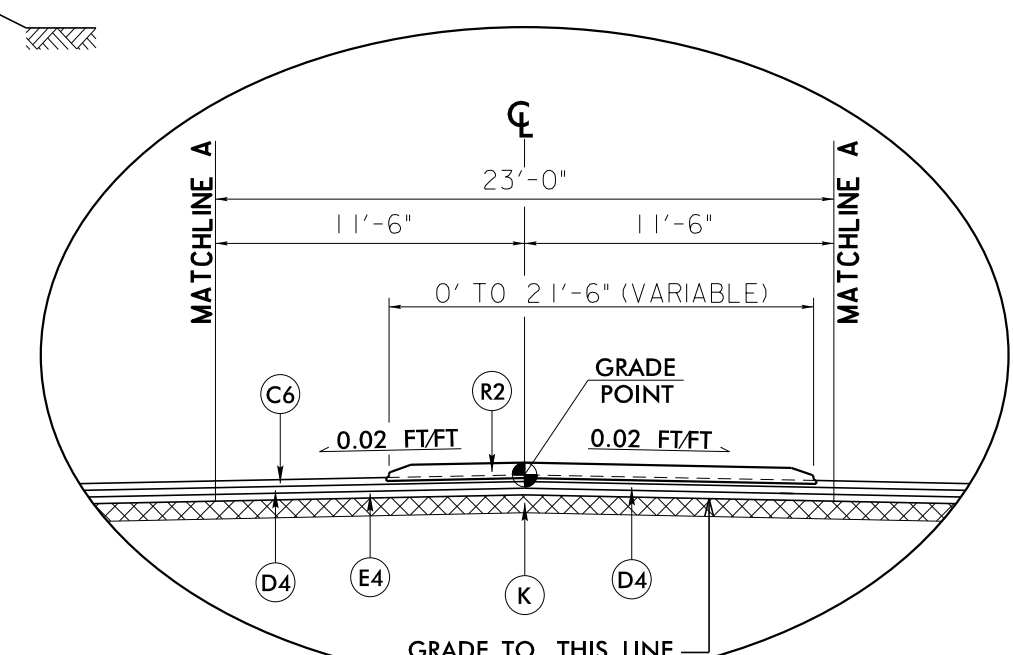
- L- STA 102+50.00 TO 104+55.00
- L- STA 132+43.00 TO 248+23.86

** TRANSITION BETWEEN TS NO. 2 AND TS NO. 1
 -L- STA 104+55.00 TO 108+05.00



DETAIL A

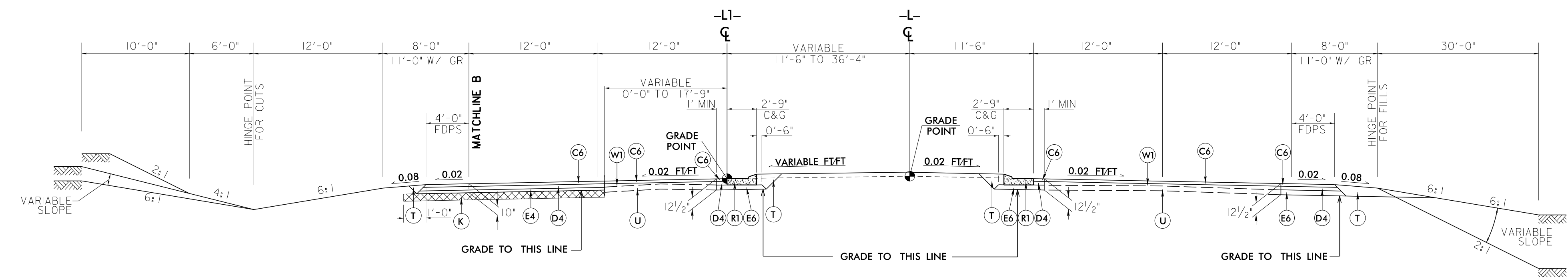
USE IN CONJUNCTION WITH TYPICAL SECTION NO. 3
 -L1- STA 11+20.00 TO 14+05.00 LT



MEDIAN ISLAND DETAIL

USE IN CONJUNCTION WITH TYPICAL SECTIONS NO. 1 & 2.

- L- STA 13+54.00 TO 18+95.00
- L- STA 22+36.00 TO 27+76.00
- L- STA 36+72.00 TO 42+34.00
- L- STA 45+87.00 TO 51+28.00
- L- STA 55+24.00 TO 60+49.00
- L- STA 94+70.00 TO 108+05.00
- L- STA 127+02.05 TO 140+70.00
- L- STA 145+95.00 TO 151+35.00
- L- STA 162+53.00 TO 167+93.00
- L- STA 170+68.00 TO 181+50.00
- L- STA 185+00.00 TO 207+71.00



TYPICAL SECTION NO. 3

USE TYPICAL SECTION NO. 3:

- L- STA 248+23.86 TO 253+80.00
- L1- STA 10+00.00 TO 15+54.35

NOTE: USE 12 1/2" TOTAL ASPHALT PAVEMENT DESIGN (C6, D4, E6) FOR NARROW WIDENING AREAS LESS THAN 6' IN WIDTH.

NOTE: EXISTING PAVEMENT LOCATIONS VARIES WITHIN THE TYPICAL SECTION FROM THE LEFT TO RIGHT SIDE OF THE PROPOSED TYPICAL SECTION, SEE PLANS FOR LOCATIONS.

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE. FOR VARIABLE SLOPES SEE CROSS-SECTIONS. FOR TAPERS AND AUXILIARY LANES SEE PLAN VIEW. FOR ISLAND LIMITS SEE PLAN VIEW.

PROJECT REFERENCE NO. R-3100A	SHEET NO. 2A-2
ROADWAY DESIGN ENGINEER MOTT MACDONALD 1 & E, LLC 3/15/2010	PAVEMENT DESIGN ENGINEER MOTT MACDONALD 1 & E, LLC 3/20/2010
<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p> <p>Prepared in the Office of: M MOTT MACDONALD 1 & E, LLC PO Box 700 Fuquay-Varina, NC 27526 www.mottmcc.com/americas</p>	

C1	1 1/2" S9.5B
C2	2" S9.5B
C3	3" S9.5B
C4	VAR. DEPTH S9.5B
C5	1 1/2" S9.5C
C6	3" S9.5C
C7	VAR. DEPTH S9.5C
D1	2 1/2" I19.0B
D2	VAR. DEPTH I19.0B
D3	2 1/2" I19.0C
D4	4" I19.0C
D5	VAR. DEPTH I19.0C
E1	4" B25.0B
E2	4 1/2" B25.0B
E3	VAR. DEPTH B25.0B
E4	3" B25.0C
E5	4" B25.0C
E6	5 1/2" B25.0C
E7	VAR. DEPTH B25.0C
J	8" ABC
K	STABILIZED SUBGRADE
N	GEOTEXTILE (PAVE. DESIGN)
R1	2'-9" C & G
R2	5" MONO. CONC. ISLAND
R3	EXPRESSWAY GUTTER
R4	2'-6" C & G
R5	6" REINFORCED CONCRETE
R6	SHOULDER BERM GUTTER
T	EARTH MATERIAL
U	EXISTING PAVEMENT
W1	WEDGING (MAINLINE -L-)
W2	WEDGING (-Y- Lines)
W3	WEDGING (-Y19-)

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** USE DESIGN (C6, D4, E4) FOR ENTIRE SECTION (LT & RT) THROUGHOUT TRANSITION AREAS