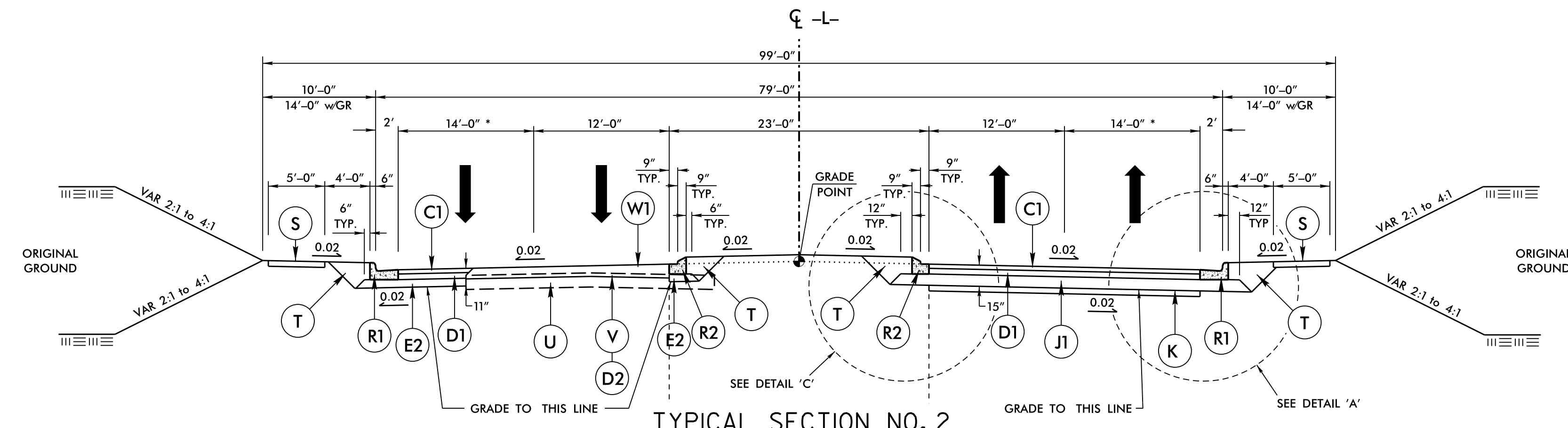
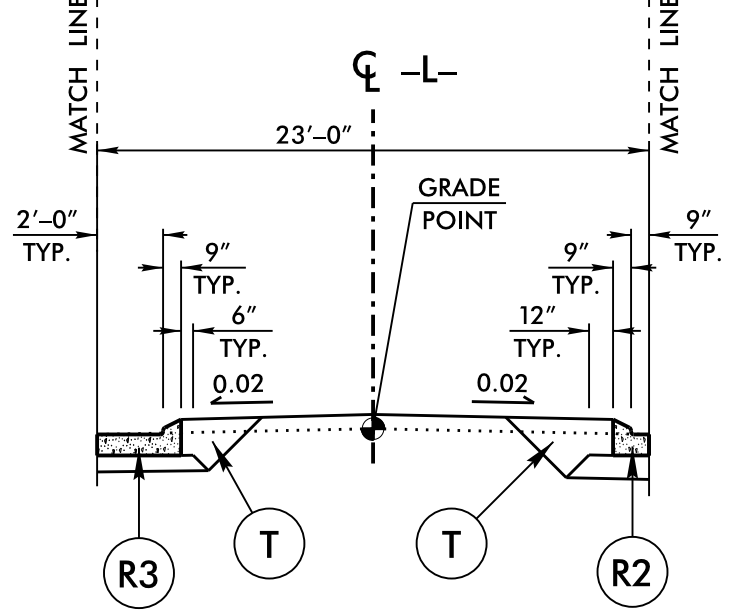


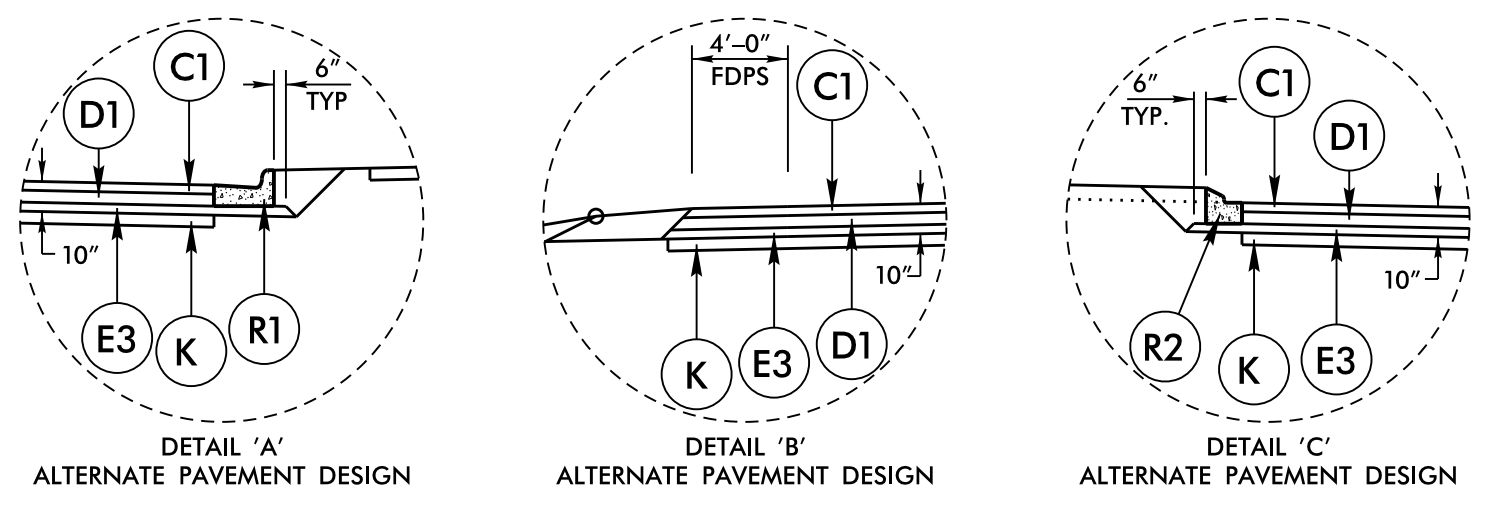
PROJECT REFERENCE NO. R-2603	SHEET NO. 2A-3
ROADWAY DESIGN ENGINEER SEAL 19724	PAVEMENT DESIGN ENGINEER SEAL 031484
8/10/2015	8/3/2015
M A Engineering Consultants, Inc. 598 East Chatham Street Suite 137 Cary, NC 27511 Phone: 919.297.0220	



TYPICAL SECTION NO. 2



TYPICAL SECTION NO. 2-A



USE TYPICAL SECTION NO. 2:
 FROM -L- STA. 57+00.00 TO 80+00.00
 FROM -L- STA. 86+25.00 TO 105+99.33

USE TYPICAL SECTION NO. 2 WITH FULL WIDTH NEW PAVEMENT ON BOTH SIDES OF THE TYPICAL SECTION IN LIEU OF WEDGING & WIDENING:
 FROM -L- STA. 80+00.00 TO 86+25.00

- NOTE: USE 11" ALL ASPHALT PAVEMENT DESIGN FOR NARROW WIDENING AREAS LESS THAN 6' IN WIDTH.
- NOTE: EXISTING PAVEMENT LOCATION VARIES WITHIN THE TYPICAL SECTION FROM THE LEFT TO RIGHT SIDE OF THE PROPOSED TYPICAL SECTION, SEE PLANS FOR LOCATIONS.
- 14' OUTSIDE LANES TO ACCOMMODATE BICYCLES

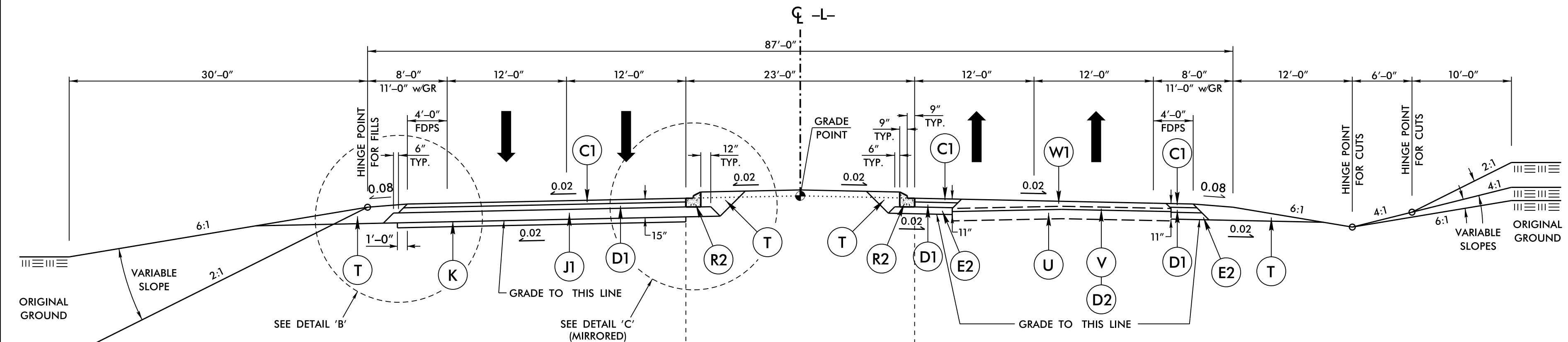
USE TYPICAL SECTION NO. 2-A IN CONJUNCTION WITH TYPICAL SECTION 2:

FROM -L- STA. 62+19.51 TO 69+31.54
 FROM -L- STA. 72+75.00 TO 82+85.16

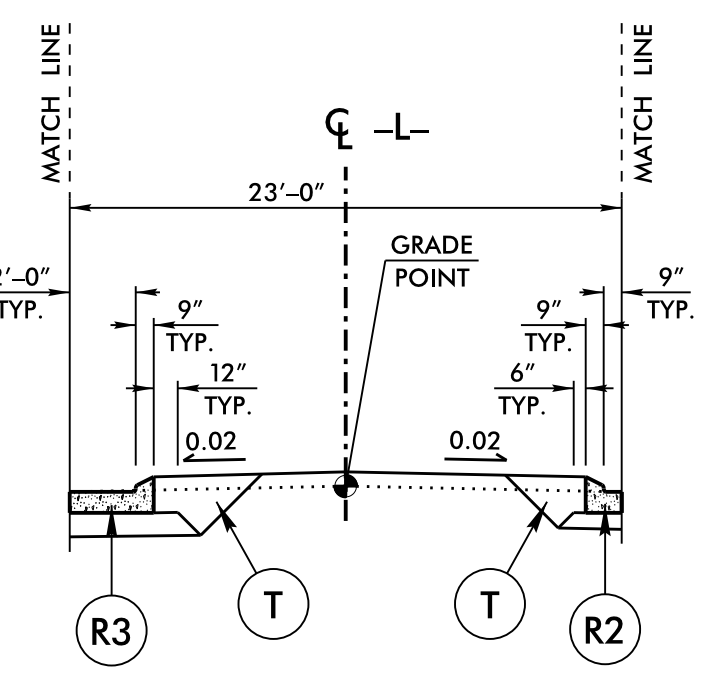
SEE PLANS FOR 1'-6" C&G TO 2'-9" C&G TRANSITION STATIONS. SEE SHEET 2C-3 FOR TRANSITION DETAIL.

NOTE: ONLY MILL AND REPLACE EXISTING PAVEMENT WITH 2.5" OF I19.0C IN LOCATIONS TO BE USED FOR PROPOSED PAVEMENT.

PAVEMENT SCHEDULE (FINAL PAVEMENT DESIGN)	
C1	3" S9.5C
C2	VAR. S9.5C
C3	3" S9.5B
C4	VAR. S9.5B
D1	4" I19.0C
D2	2.5" I19.0C
D3	VAR. I19.0C
D4	4" I19.0B
D5	VAR. I19.0B
E1	5" B25.0C
E2	4" B25.0C
E3	3" B25.0C
E4	VAR. B25.0C
E5	4" B25.0B
E6	VAR. B25.0B
J1	8" ABC
K	LIME OR CEMENT SUBGRADE STABILIZ.
L	STABILIZER AGGREGATE
N	GEOTEXTILE FOR PAVEMENT STABILIZ.
P	.35 PRIME COAT
R1	2'-6" C & G
R2	1'-6" C & G
R3	2'-9" C & G
R4	5" MONO. CONC. ISLAND (KEYED IN)
S	4" SIDEWALK
T	EARTH MATERIAL
U	EXIST. PAVEMENT
V	MILLING, 2.5"
W1	WEDGING
W2	WEDGING
W3	WEDGING



TYPICAL SECTION NO. 3



TYPICAL SECTION NO. 3-A

USE TYPICAL SECTION NO. 3:

FROM -L- STA. 105+99.33 TO 113+00.00
 FROM -L- STA. 128+75.00 TO 188+95.46

USE TYPICAL SECTION NO. 3 WITH FULL WIDTH NEW PAVEMENT ON BOTH SIDES OF THE TYPICAL SECTION IN LIEU OF WEDGING & WIDENING:

FROM -L- STA. 113+00.00 TO 116+60.00 (BEGIN BRIDGE)
 FROM -L- STA. 118+10.00 (END BRIDGE) TO 128+75.00

- NOTE: USE 11" ALL ASPHALT PAVEMENT DESIGN FOR NARROW WIDENING AREAS LESS THAN 6' IN WIDTH.
- NOTE: EXISTING PAVEMENT LOCATION VARIES WITHIN THE TYPICAL SECTION FROM THE LEFT TO RIGHT SIDE OF THE PROPOSED TYPICAL SECTION, SEE PLANS FOR LOCATIONS.

USE TYPICAL SECTION NO. 3-A IN CONJUNCTION WITH TYPICAL SECTION 3:

FROM -L- STA. 128+30.77 TO 141+43.69 (MIRROR TYPICAL, 2'-9" C&G ON RIGHT SIDE OF MEDIAN)
 FROM -L- STA. 177+24.93 TO 181+87.84
 FROM -L- STA. 184+00.57 TO 188+95.46

SEE PLANS FOR 1'-6" C&G TO 2'-9" C&G TRANSITION STATIONS. SEE SHEET 2C-3 FOR TRANSITION DETAIL.

5/14/1999

7/2/2015
 r:\1\2603\2603.dgn