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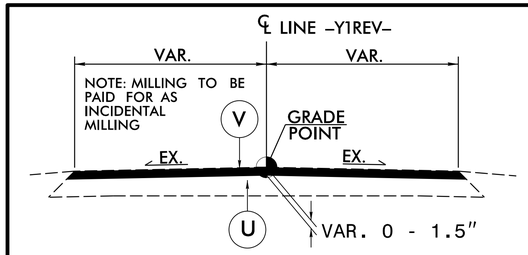
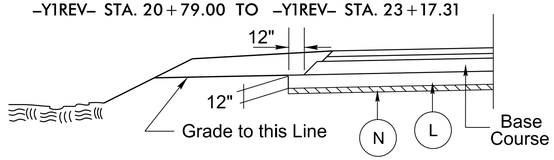



# V: MILLING DETAIL

USE MILLING DETAIL AS FOLLOWS:
–Y1REV– STA. 10+50.00 TO –Y1REV– STA. 12+29.00
–Y1REV– STA. 20+79.00 TO –Y1REV– STA. 23+17.31



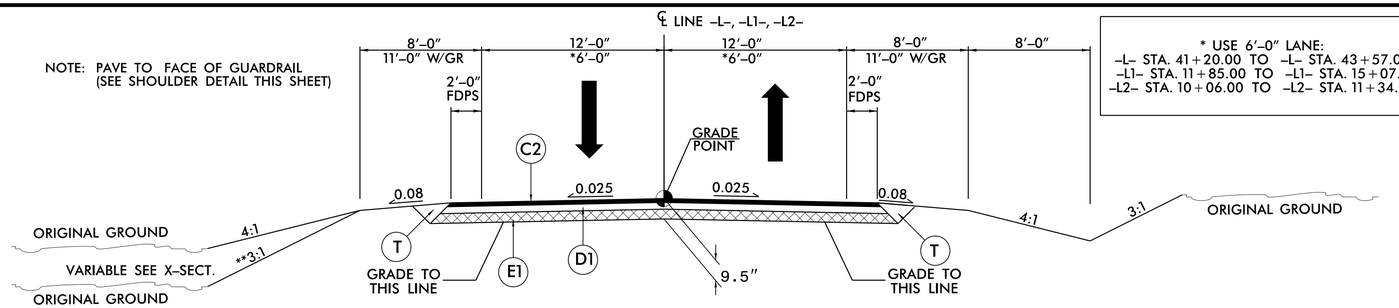

# AGGREGATE SUBGRADE DETAIL

USE AGGREGATE SUBGRADE DETAIL
–Y1REV– STA. 10+50.00 TO –Y1REV– STA. 22+75.00 LT.

| PAVEMENT SCHEDULE | |
|---|---|
| C1 | PROP. APPROX. 1.5″ ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. |
| C2 | 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. |
| C3 | 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 1½″ IN DEPTH. |
| D1 | PROP. APPROX. 2.5″ ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD. |
| E1 | PROP. APPROX. 4″ ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD. |
| E2 | PROP. APPROX. 5.5″ ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD. |
| E3 | 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 5½″ IN DEPTH. |
| J | ABC (M) SHOULDER CONSTRUCTION |
| L | Class IV Subgrade Stabilization |
| N | Fabric Stabilization |
| R | SHOULDER BERM GUTTER |
| T | EARTH MATERIAL. |
| U | EXISTING PAVEMENT. |
| V | INCIDENTAL MILLING. (SEE MILLING DETAIL) |
| W | VARIABLE DEPTH ASPHALT PAVEMENT (SEE WEDGING DETAIL) |

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.
FDPS = FULL DEPTH PAVED SHOULDER

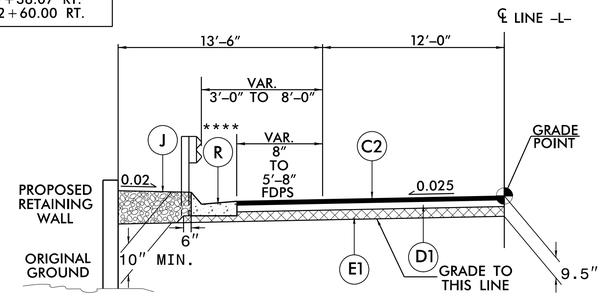
NOTE: PAVE TO FACE OF GUARDRAIL (SEE SHOULDER DETAIL THIS SHEET)




**1.5:1 FILL SLOPE WITH ROCK PLATING
SEE DETAIL SHEETS 2G–11 AND 2G–12
USE IN THE FOLLOWING LOCATIONS:
–L– STA. 24+50.00 TO –L– STA. 32+61.98 LT. & RT.
–L– STA. 33+69.00 TO –L– STA. 39+38.07 RT.
–L1– STA. 10+00.00 TO –L1– STA. 12+60.00 RT.

# TYPICAL SECTION NO. 1

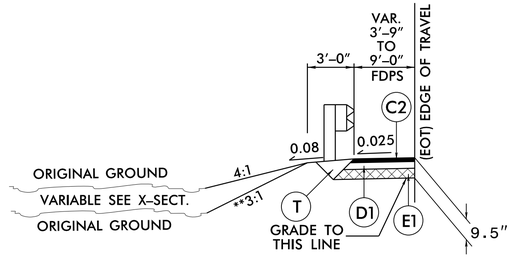
–L– STA. 10+16.62 TO –L– STA. 32+61.98 (BEGIN BRIDGE)
–L– STA. 33+75.48 (END BRIDGE) TO –L– STA. 43+57.04
–L1– STA. 10+00.00 TO –L1– STA. 15+07.87
–L2– STA. 10+06.00 TO –L2– STA. 11+34.00




****SEE SHEET 3B–1 FOR SHOULDER BERM GUTTER LIMITS

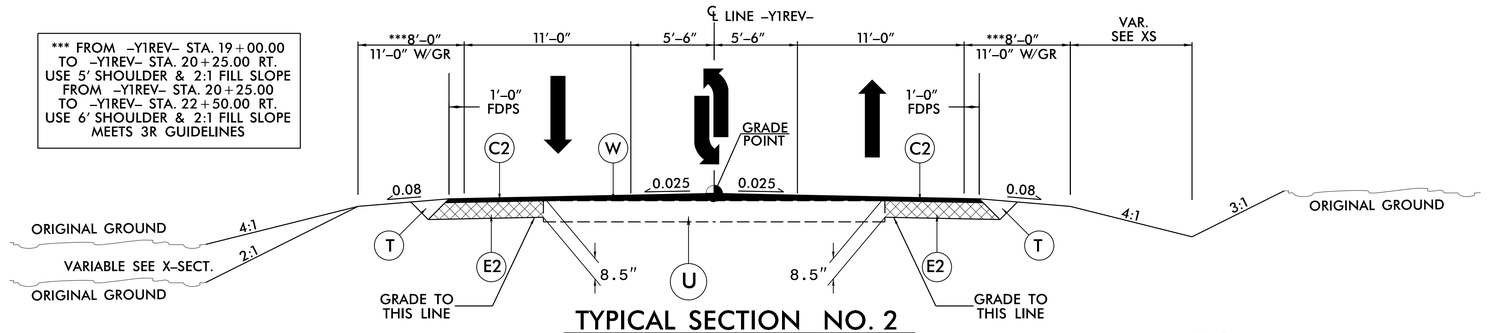
# TYPICAL SECTION NO. 1A

–L– STA. 32+17.73 TO –L– STA. 32+61.98 (BEGIN BRIDGE) LT. & RT.
–L– STA. 33+75.48 (END BRIDGE) TO –L– STA. 34+20+/– RT.
–L– STA. 33+75.48 (END BRIDGE) TO –L– STA. 34+60+/– LT.




# SHOULDER DETAIL

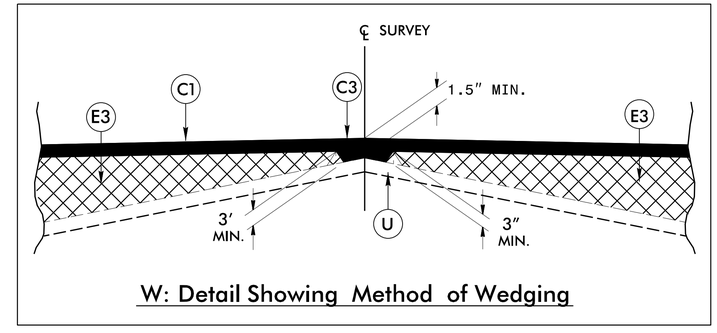
USE SHOULDER DETAIL IN CONJUNCTION WITH TYPICAL SECTION NO. 1
–L– STA. 23+75.00 TO –L– STA. 32+17.73 LT.
–L– STA. 23+75.00 TO –L– STA. 32+17.73 RT.
–L– STA. 34+37.00 TO –L– STA. 40+56.73 LT.
–L– STA. 34+37.00 TO –L– STA. 39+38.07 RT.
–L1– STA. 10+00.00 TO –L1– STA. 13+24.91 RT.



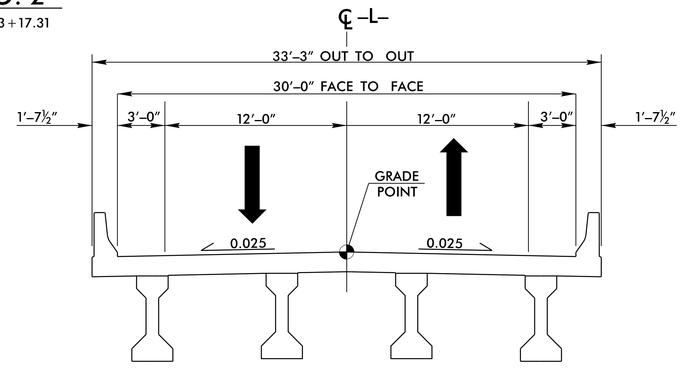

*** FROM –Y1REV– STA. 19+00.00 TO –Y1REV– STA. 20+25.00 RT.
USE 5′ SHOULDER & 2:1 FILL SLOPE
FROM –Y1REV– STA. 20+25.00 TO –Y1REV– STA. 22+50.00 RT.
USE 6′ SHOULDER & 2:1 FILL SLOPE
MEETS 3R GUIDELINES

# TYPICAL SECTION NO. 2

–Y1REV– STA. 10+50.00 TO –Y1REV– STA. 23+17.31




W: Detail Showing Method of Wedging




# TYPICAL SECTION ON STRUCTURE

–L– STA. 32+61.98 (BEGIN BRIDGE) TO –L– STA. 33+75.48 (END BRIDGE)

* USE 6′–0″ LANE:
–L– STA. 41+20.00 TO –L– STA. 43+57.04
–L1– STA. 11+85.00 TO –L1– STA. 15+07.87
–L2– STA. 10+06.00 TO –L2– STA. 11+34.00

| PROJECT REFERENCE NO. | SHEET NO. |
|---|---|
| R–5769 | 2A–1 |

ROADWAY DESIGN ENGINEER
Docusigned by: Greg S. Purvis
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 22995 8/24/2016 GREGORY S. PURVIS

PAVEMENT DESIGN ENGINEER
Docusigned by: Clark S Morrison
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 22896 8/26/2016 CLARK S. MORRISON

WETHERILL ENGINEERING
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Fax: 919 851 8107

TRANSPORTATION PLANNING/DESIGN – BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN – GIS/GPS – CONSTRUCTION OBSERVATION

**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**

8/23/2016
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USER:Kevin