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6/2/99

PROJECT REFERENCE NO.	SHEET NO.
17BP.4.R.73	2

SEAL 022999 Signed for Engineering Purposes Only GREG S. PURVIS NORTH CAROLINA PROFESSIONAL ENGINEER

12/13/2016

WETHERILL ENGINEERING
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TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

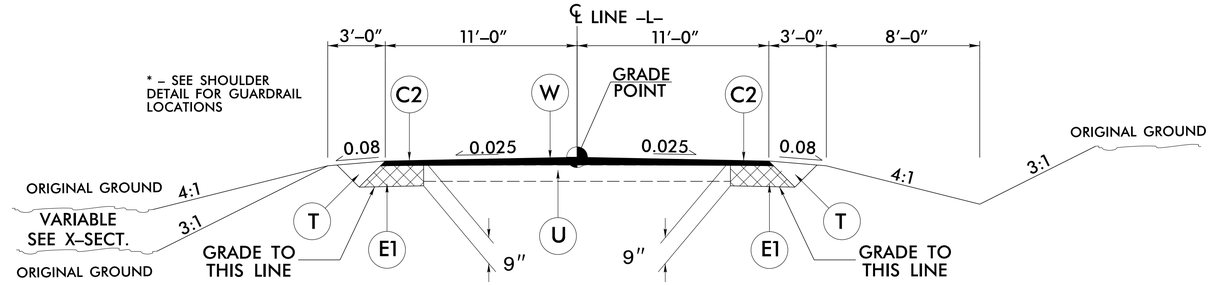
BRIDGE #950056

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PAVEMENT SCHEDULE

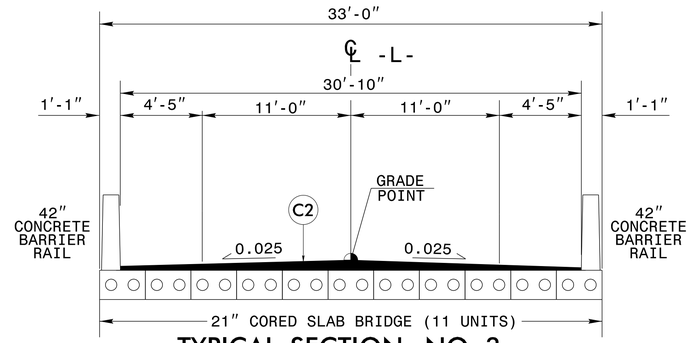
C1	PROP. APPROX. 3″ ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.
C2	PROP. VAR. DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD. PER 1″ DEPTH. TO BE PLACED IN LAYERS NOT TO EXCEED 1½″ IN DEPTH.
E1	PROP. APPROX. 6″ ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 342 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.
E2	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.
T	EARTH MATERIAL.
U	EXISTING PAVEMENT.
V	MILLING BITUMINOUS PAVEMENT. (SEE MILLING DETAIL)
W	VARIABLE DEPTH ASPHALT PAVEMENT (SEE WEDGING DETAIL)

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



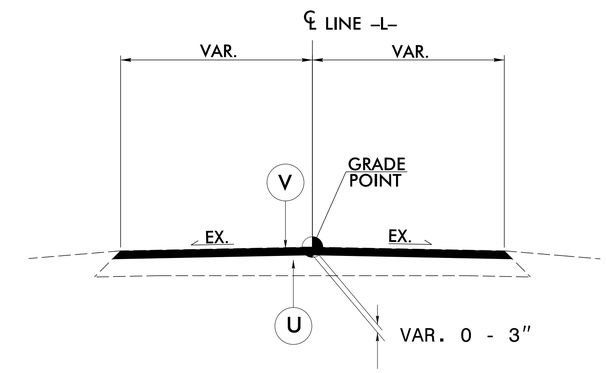
TYPICAL SECTION NO. 1

USE TYPICAL SECTION NO. 1 AS FOLLOWS:
–L– STA. 19+95.00 TO –L– STA. 21+85.00
–L– STA. 23+45.00 TO –L– STA. 24+70.00



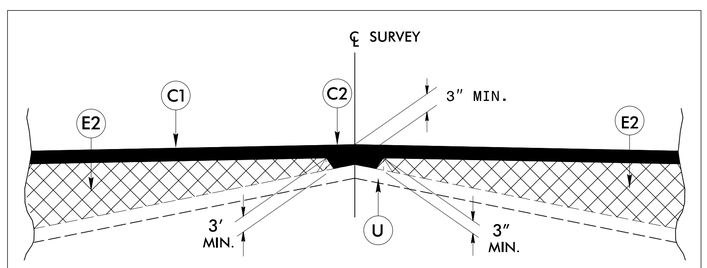
TYPICAL SECTION NO. 3

USE TYPICAL SECTION NO. 3 AS FOLLOWS:
–L– STA. 22+13.81 (BEGIN BRIDGE) TO –L– STA. 23+16.19 (END BRIDGE)

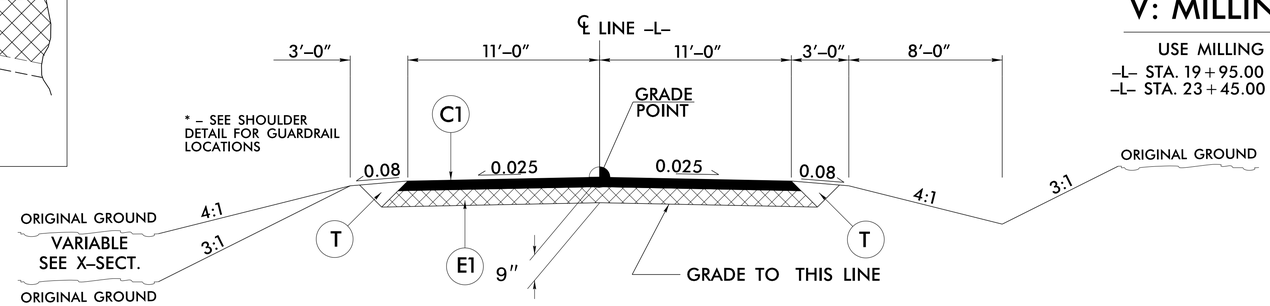


V: MILLING DETAIL

USE MILLING DETAIL AS FOLLOWS:
–L– STA. 19+95.00 TO –L– STA. 20+55.00
–L– STA. 23+45.00 TO –L– STA. 24+70.00

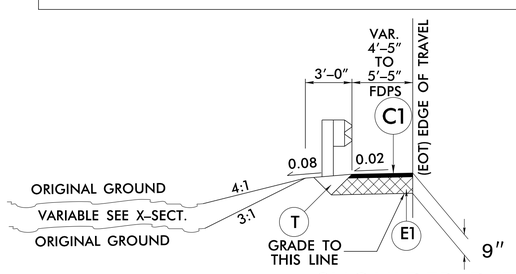


W: Detail Showing Method of Wedging



TYPICAL SECTION NO. 2

USE TYPICAL SECTION NO. 2 AS FOLLOWS:
–L– STA. 21+85.00 TO –L– STA. 22+13.81 (BEGIN BRIDGE)
–L– STA. 23+16.19 (END BRIDGE) TO –L– STA. 23+45.00

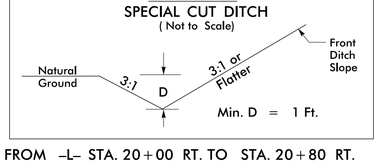


SHOULDER DETAIL

USE SHOULDER DETAIL IN CONJUNCTION WITH TYPICAL SECTIONS NO. 1 & 2:
–L– STA. 21+38.81 TO –L– STA. 22+13.81 LT.
–L– STA. 21+26.31 TO –L– STA. 22+13.81 RT.
–L– STA. 23+16.19 TO –L– STA. 24+16.19 LT.
–L– STA. 23+16.19 TO –L– STA. 23+91.19 RT.

DETAIL A

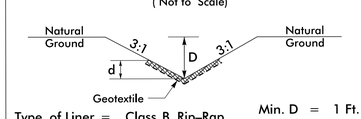
SPECIAL CUT DITCH
(Not to Scale)



FROM –L– STA. 20+00 RT. TO STA. 20+80 RT.

DETAIL B

TAIL DITCH
(Not to Scale)

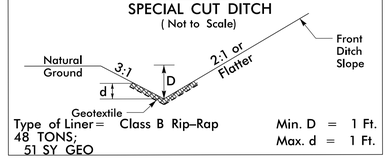


Type of Liner = Class B Rip–Rap 26 TONS; 28 SY GEO
Min. D = 1 Ft.
Max. d = 1 Ft.

FROM –L– STA. 23+44 RT. TO STA. 23+75 RT.

DETAIL C

SPECIAL CUT DITCH
(Not to Scale)

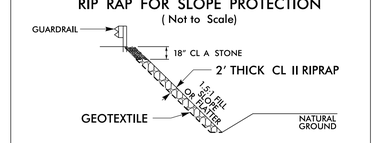


Type of Liner = Class B Rip–Rap 48 TONS; 51 SY GEO
Min. D = 1 Ft.
Max. d = 1 Ft.

FROM –L– STA. 23+75 RT. TO STA. 24+32 RT.

ROCK PLATING DETAIL

RIP RAP FOR SLOPE PROTECTION
(Not to Scale)



Type of Liner = CL II Rip–Rap 60 TONS W/Geotextile 127 SY

FROM –L– STA. 21+75 RT. TO STA. 22+15 RT.
FROM –L– STA. 23+15 RT. TO STA. 23+75 RT.

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