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6/2/99

PROJECT REFERENCE NO.	SHEET NO.
B-4775	2A-1

DocuSigned by: Greg S. Purvis — NORTH CAROLINA PROFESSIONAL SEAL 022999 ENGINEER GREG S. PURVIS — 2/1/2018

DocuSigned by: James C. Davis — NORTH CAROLINA PROFESSIONAL SEAL 18462 ENGINEER JAMES C. DAVIS — 2/1/2018

WETHERILL ENGINEERING
1223 Jones Franklin Rd.
Raleigh, N.C. 27606
License No. F-0377
Bus: 919 851 8077
Fax: 919 851 8107
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

BRIDGE #17

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. 5½" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
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.
J1	PROP. 6" AGGREGATE BASE COURSE
T	EARTH MATERIAL.
U	EXISTING PAVEMENT.
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. 13+00.00 TO -L- STA. 14+08.33 (BEGIN BRIDGE)
-L- STA. 14+55.67 (END BRIDGE) TO -L- STA. 15+60.00

DETAIL 1
SPECIAL CUT DITCH
(Not to Scale)

FROM STA.14+75 TO STA.16+00 -L- RT.
STA. 15+60 TO STA. 15+90 -L- LT.

DETAIL 2
LATERAL 'V' DITCH
(Not to Scale)

FROM STA.14+38 TO STA.14+52 -L- RT.

DETAIL 3
RIP RAP AT EMBANKMENT
(Not to Scale)

Type of Liner= 3 TONS,CL B Rip-Rap
Geotextile= 5 SY

FROM STA.15+86 TO STA.15+96 -L- LT.
AT STA. 14+38 -L- RT.

SHOULDER DETAIL

-L- STA. 13+55.19 TO -L- STA. 14+04.57 RT.
-L- STA. 14+51.30 TO -L- STA. 15+00.67 RT.
-L- STA. 13+63.98 TO -L- STA. 14+13.36 LT.
-L- STA. 14+57.72 TO -L- STA. 15+07.09 LT.

USE SHOULDER DETAIL IN CONJUNCTION WITH TYPICAL SECTIONS NO. 1
** SEE PLANS

DETAIL OF VERTICAL SOIL NAIL WALL

-L- LT. STA. 13+00.00 TO 13+69.48
*-L- LT. STA. 13+69.48 TO STA. 14+15.60

TYPICAL SECTION NO. 2

USE TYPICAL SECTION NO. 2 AS FOLLOWS:
-L- STA. 14+08.33 (BEGIN BRIDGE) TO -L- STA. 14+55.67 (END BRIDGE)

TYPICAL SECTION NO. 3

USE TYPICAL SECTION NO. 3 AS FOLLOWS:
-DR- STA. 10+10.35 TO -DR- STA. 10+74.18

1/30/2018
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USER: kgreene