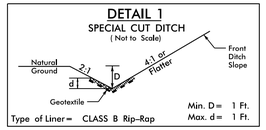
PROJECT REFERENCE NO.	SHEET NO.
B-5113	4
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 18494 — ANTHONY AARON HOUSER — DocuSigned 11/10/2014 — Anthony Houser

HYDRAULICS ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 019775 — RAY D. LOVINGGOOD — DocuSigned 11/19/2014 — Ray D. Lovinggood

8/17/99

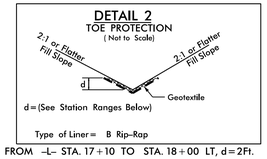
DETAIL 1
SPECIAL CUT DITCH
(Not to Scale)



Type of Liner= CLASS B Rip-Rap
Min. D= 1 Ft.
Max. d= 1 Ft.

FROM -L- STA. 14+00 TO STA. 15+00 LT
Class B Rip-Rap = 35 Tons
Geotextile = 105 SY

DETAIL 2
TOE PROTECTION
(Not to Scale)



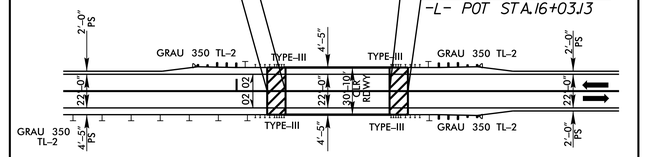
d=(See Station Ranges Below)
Type of Liner= B Rip-Rap

FROM -L- STA. 17+10 TO STA. 18+00 LT, d=2Ft.
Class B Rip-Rap = 52 Tons
Geotextile = 95 SY

SHOULDER BERM GUTTER
SEE SHEET 2 FOR DETAIL
-L- STA. 15+11.00 TO STA. 15+28.87(BEGIN APPROACH SLAB) LT
-L- STA. 15+11.00 TO STA. 15+28.87(BEGIN APPROACH SLAB) RT

-L-
PI Sta 12+35.48
Δ = 38° 37' 46.2" (LT)
D = 12° 16' 08.1"
L = 314.86'
T = 163.68'
R = 467.00'

BEGIN BRIDGE
-L- POT STA.15+39.87
BEGIN APPROACH SLAB
-L- POT STA.15+28.87
END BRIDGE
-L- POT STA.15+92.13
END APPROACH SLAB
-L- POT STA.16+03.13



DETAIL SHOWING PAVEMENT AND BRIDGE RELATIONSHIP
(NOT TO SCALE)

NAD 83/NSRS 2007

BEGIN CONSTRUCTION
-L- POT STA. 10+30.00

BEGIN TIP PROJECT B-5113
-L- POT STA. 10+40.00

-L- PC Sta. 10+71.80

-L- POT Sta. 10+00.00

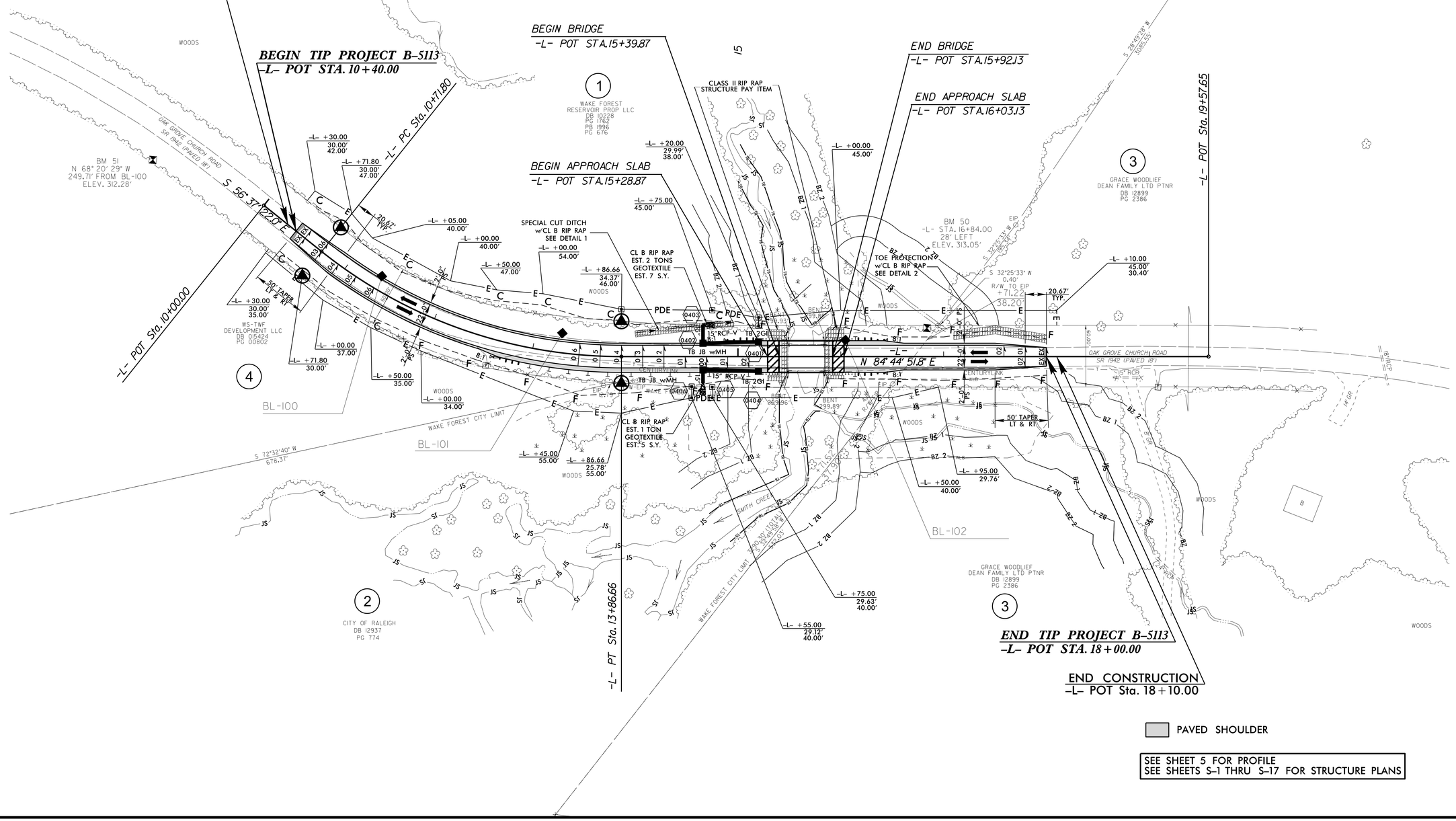
-L- POT Sta. 19+57.65

-L- PT Sta. 13+86.66

BEGIN BRIDGE
-L- POT STA.15+39.87
BEGIN APPROACH SLAB
-L- POT STA.15+28.87
END BRIDGE
-L- POT STA.15+92.13
END APPROACH SLAB
-L- POT STA.16+03.13

END TIP PROJECT B-5113
-L- POT STA. 18+00.00

END CONSTRUCTION
-L- POT Sta. 18+10.00



PAVED SHOULDER

SEE SHEET 5 FOR PROFILE
SEE SHEETS S-1 THRU S-17 FOR STRUCTURE PLANS

07-NOV-2014 15:07
R:\Roadway\Proj\b5113_rdy_psh_04.dgn
$$USERNAME$$