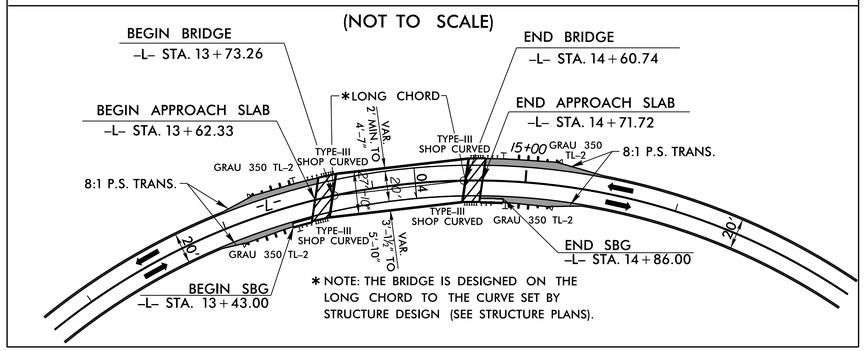
| PROJECT REFERENCE NO. | SHEET NO. |
|---|---|
| B-5151 | 4 |
| R/W SHEET NO. | |

ROADWAY DESIGN ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 033298 ENGINEER JEFFREY L. TEAGUE — DocuSigned by: Jeffrey L. Teague — 11/24/2014 — 70BBE05F6BD0474...

HYDRAULICS ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 033246 ENGINEER Linda M. Johns — DocuSigned by: Linda M. Johns — 11/24/2014 — 06283061BF6D4E3...

## SKETCH SHOWING PAVEMENT/BRIDGE RELATIONSHIP

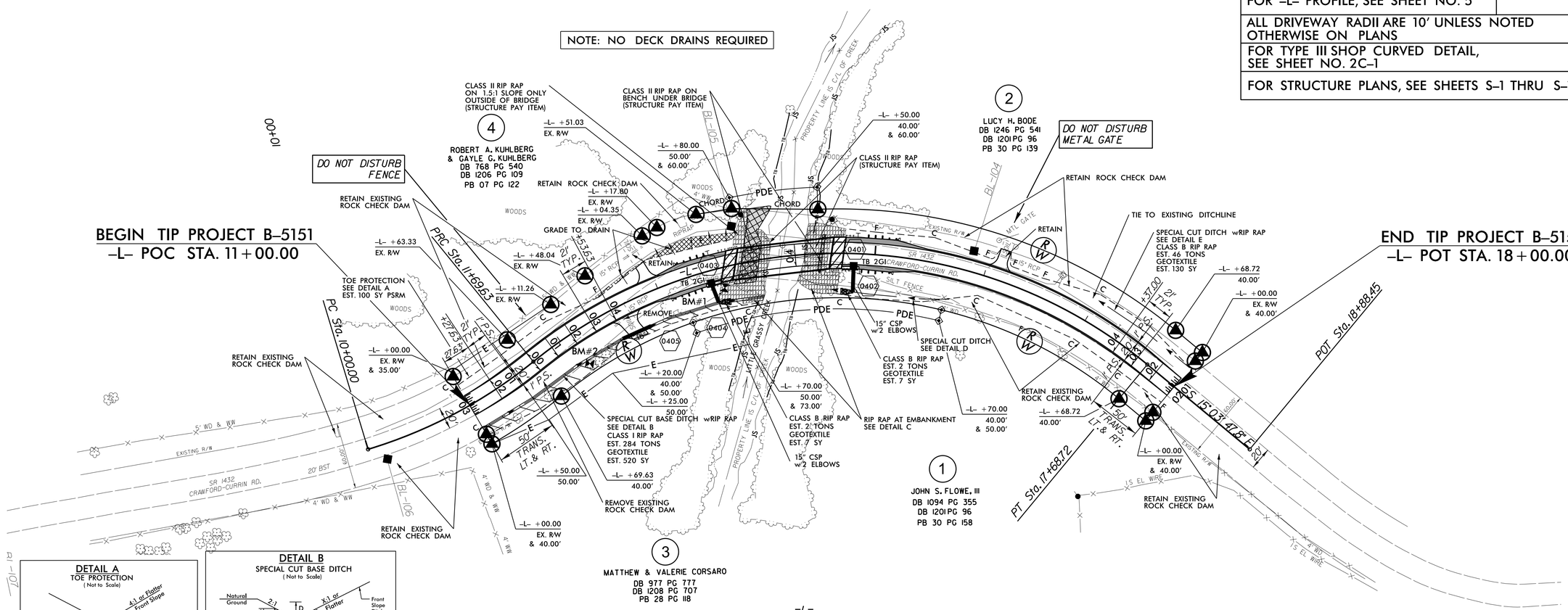
(NOT TO SCALE)



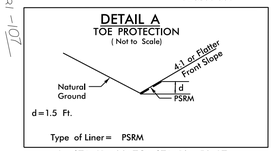

NAD 83/NSRS 2007

| | |
|---|---|
| END BENT EXCAVATION SEE STRUCTURE PLANS (STRUCTURE PAY ITEM) | |
| PAVEMENT REMOVAL | |
| BRIDGE APPROACH SLAB | |
| PROP. PAVED SHOULDER | |
| FOR –L– PROFILE, SEE SHEET NO. 5 | |
| ALL DRIVEWAY RADII ARE 10' UNLESS NOTED OTHERWISE ON PLANS | |
| FOR TYPE III SHOP CURVED DETAIL, SEE SHEET NO. 2C-1 | |
| FOR STRUCTURE PLANS, SEE SHEETS S-1 THRU S-17 | |

NOTE: NO DECK DRAINS REQUIRED

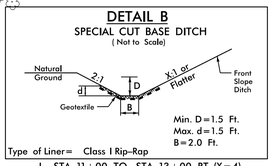



### DETAIL A
TOE PROTECTION
( Not to Scale)



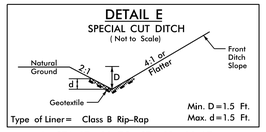

d=1.5 Ft.
Type of Liner= PSRM
–L– STA. 11+00 TO STA. 12+50 LT

### DETAIL B
SPECIAL CUT BASE DITCH
( Not to Scale)



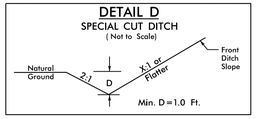

Min. D=1.5 Ft.
Max. d=1.5 Ft.
B=2.0 Ft.
Type of Liner= Class I Rip-Rap
–L– STA. 11+00 TO STA. 13+00 RT (X=4)
–L– STA. 13+00 TO STA. 13+90 RT (X=2)

### DETAIL E
SPECIAL CUT DITCH
( Not to Scale)



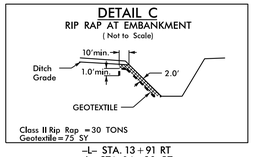

Min. D=1.5 Ft.
Max. d=1.5 Ft.
Type of Liner= Class B Rip-Rap
–L– STA. 17+00 TO STA. 18+00 LT

### DETAIL D
SPECIAL CUT DITCH
( Not to Scale)




Min. D=1.0 Ft.
–L– STA. 14+50 TO STA. 15+00 RT (X=2)
–L– STA. 15+00 TO STA. 15+75 RT (X=4)

### DETAIL C
RIP RAP AT EMBANKMENT
( Not to Scale)




Class II Rip Rap =30 TONS
Geotextile=75 SY
–L– STA. 13+91 RT
–L– STA. 14+30 RT

### –L–

| | |
|---|---|
| S 71° 30' 03.9" E (BACK) | PI Sta 15+27.30 |
| PI Sta 10+85.90 | △ = 78° 43' 37.0" (RT) |
| △ = 22° 17' 20.9" (LT) | D = 13° 08' 28.4" |
| D = 13° 08' 22.8" | L = 599.08' |
| L = 169.63' | T = 357.67' |
| T = 85.90' | R = 436.00' |
| R = 436.05' | SE = 0.04 |
| | RO = 84' |

REVISIONS

8/17/99

17-NOV-2014 14:05
R:\Roadway\Proj\B5151_Rdy_psh.dgn
$$USER$$