

UTILITIES BY OTHERS

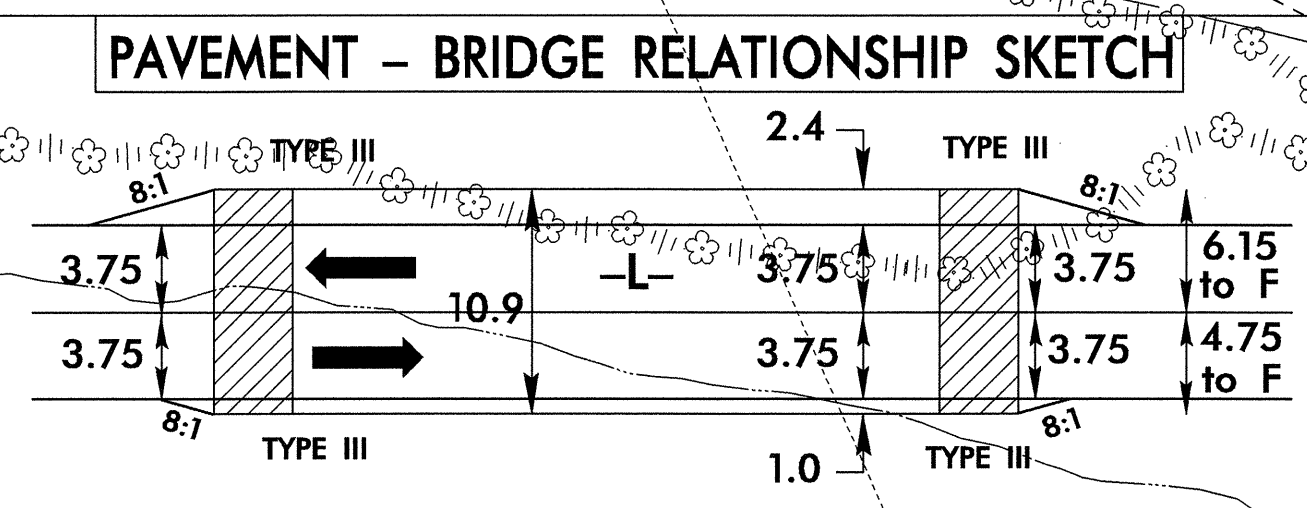
NOTE:
ALL PROPOSED UTILITY WORK
SHOWN ON THIS SHEET WILL
BE DONE BY OTHERS

NAD 83

2

STA 14+45.000 (-L) END CONSTRUCTION

STA 13+67.649 (-L) END STATE PROJ. B-1443
STA 13+67.649 (-L) END F.A. PROJ. BRTSP-197(1)



-L- POC STA 10+79.047

STA 11+70.000 (-L) BEGIN CONSTRUCTION
STA 11+70.000 (-L) BEGIN STATE PROJ. B-1443
STA 11+70.000 (-L) BEGIN F.A. PROJ. BRTSP-197(1)

STORMWATER RETENTION BASIN STORAGE
52 cu m STOR. CAP.
70 cu m EX. STOR. CAP.
25 mtons CLASS 'B' RIP RAP
50 sq m FILTER FABRIC
SEE DETAIL 'A'

DISTURBANCE OF TREES SHOULD BE KEPT TO A MINIMUM DURING CONSTRUCTION OF ACCESS ROADS TO CAUSEWAYS

BEGIN BRIDGE
-L- POC Sta.12+39.320

END BRIDGE
-L- POT Sta.13+49.280

DESIGN EXCEPTION
REQUIRED FOR
DESIGN SPEED, 50km/h

NOTE:
LOWER EXIST. BURIED FIBER OPTIC CABLE
60" BELOW EXISTING GRADE AT BASE
OF POLE FOR APPROX. 6 FT IN ORDER
TO AVOID CUT IN FINAL GRADE

-L-	
PI Sta 11+29.822	PI Sta 12+85.885
$\Delta = 18^{\circ} 18' 48.9" (RT)$	$\Delta = 93^{\circ} 25' 10.7" (LT)$
L = 100.684	L = 163.048
T = 50.775	T = 106.154
R = 315.000	R = 100.000

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "B1443-01"

WITH NAD 83 STATE PLANE GRID COORDINATES OF
NORTHING: 255785.5918 (m) EASTING: 318182.5459 (m)

THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS 0.999852815

THE N.C. LAMBERT GRID BEARING LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B1443-01" TO -L- STATION 11+70.000 IS
S 87° 48' 18.52" E 291.163 (m)

ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NGVD 29

PI Sta 10+31.176	PI Sta 10+60.511	PI Sta 10+93.004
$\Delta = 93^{\circ} 45' 22.2" (LT)$	$\Delta = 25^{\circ} 23' 50.6" (LT)$	$\Delta = 31^{\circ} 42' 32.0" (RT)$
L = 13.091	L = 48.760	L = 16.603
T = 8.542	T = 24.787	T = 8.520
R = 8.000	R = 110.000	R = 30.000

042537
 R:\MVA\2004\BFE
 R:\U\11\1443\BFE\1443_UO-1.dwg
 11/15/04
 11:52:28
 vmoosa