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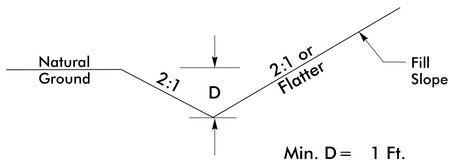
8/17/99

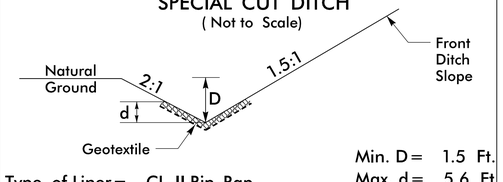
REVISIONS

DETAIL 1
SPECIAL LATERAL 'V' DITCH
(Not to Scale)



Min. D = 1 Ft.

DETAIL 2
SPECIAL CUT DITCH
(Not to Scale)



Type of Liner = CL–II Rip–Rap
Min. D = 1.5 Ft.
Max. d = 5.6 Ft.

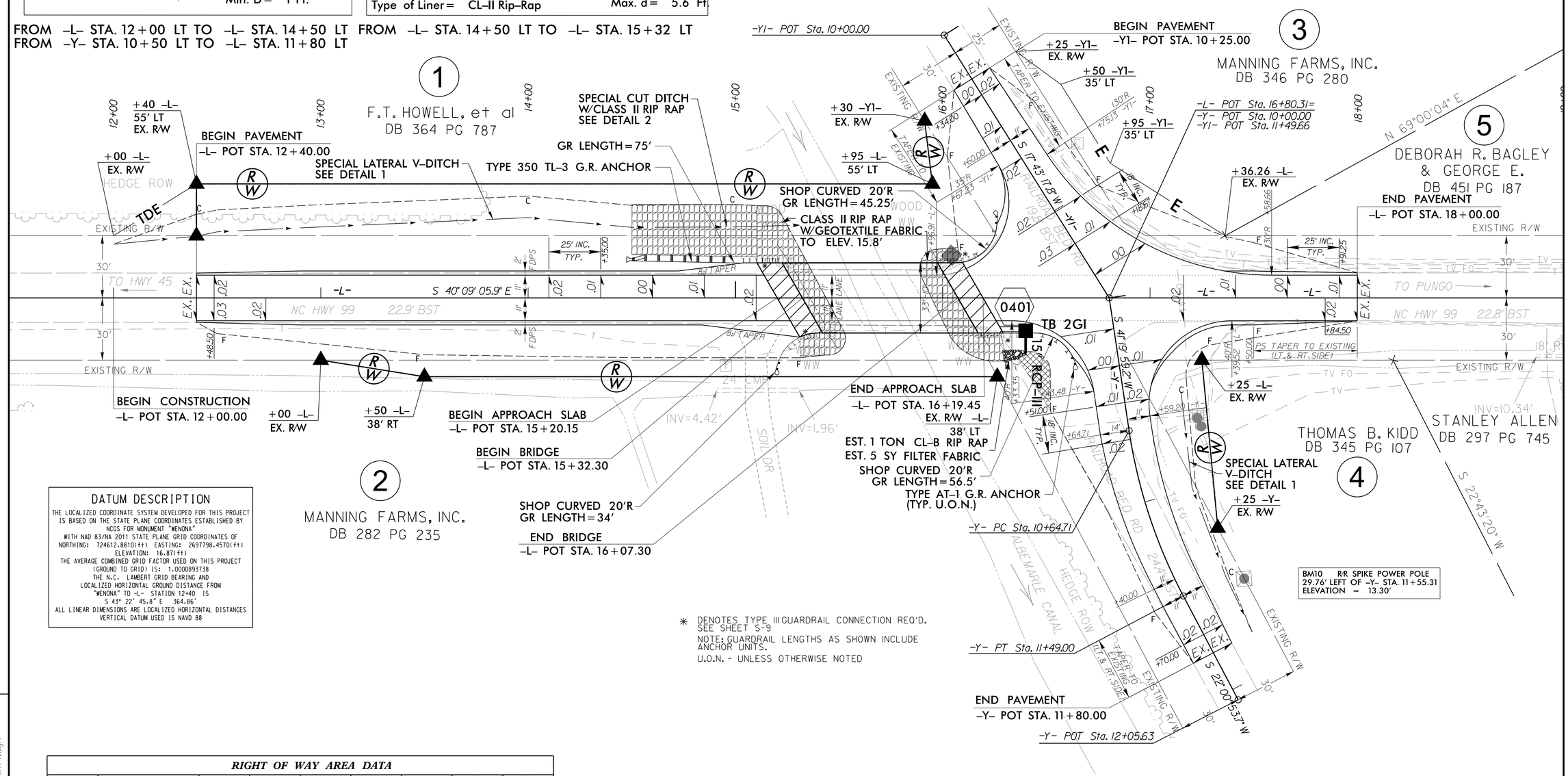
NAD 83

CURVE DATA –Y–
PI Sta 11+07.26
Δ = 19° 19' 05.5" (LT)
D = 22° 55' 05.9"
L = 84.29'
T = 42.55'
R = 250.00'

Prepared by
URS
URS Corporation – North Carolina
1600 Perimeter Park Drive, Suite 400
Morrisville, NC 27560
PHONE: (919) 461-1100 FAX: (919) 461-1415
NC LIC. # C-2243

PROJECT REFERENCE NO.	SHEET NO.
17BP.1.R.62	4
WASHINGTON COUNTY BRIDGE NO. 930003	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 10746 ENGINEER DENISE K. HOWELL F008CF0A0	NORTH CAROLINA PROFESSIONAL SEAL 020754 ENGINEER WILLIAM T. STEPHENS 4883FCS7D
12/4/2015	12/4/2015

FROM –L– STA. 12+00 LT TO –L– STA. 14+50 LT
FROM –Y– STA. 10+50 LT TO –L– STA. 11+80 LT
FROM –L– STA. 14+50 LT TO –L– STA. 15+32 LT



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCGS FOR MONUMENT "WENONA"
WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF
NORTHING: 724612.8810(ft) EASTING: 2697798.4570(ft)
ELEVATION: 16.87(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 1.0000893738
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "WENONA" TO –L– STATION 12+40 IS
S 43° 22' 45.8" E 364.86'
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

✳ DENOTES TYPE III GUARDRAIL CONNECTION REQ'D. SEE SHEET S-9
NOTE: GUARDRAIL LENGTHS AS SHOWN INCLUDE ANCHOR UNITS.
U.O.N. - UNLESS OTHERWISE NOTED

RIGHT OF WAY AREA DATA

PARCEL NO.	PROPERTY OWNERS NAMES	TOTAL AREA	AREA TAKEN	AREA REMAINING RT.	AREA REMAINING LT.	CONST. EASE.	PERM. DRAIN. EASE.	TEMP. DRAIN. EASE.
1	F.T. HOWELL, et al		0.222 acres					0.011 acres
2	MANNING FARMS, INC.		0.055 acres					
3	MANNING FARMS, INC.					0.035 acres		
4	THOMAS B. KIDD		0.033 acres					

12/4/2015
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lisa.mcarthur