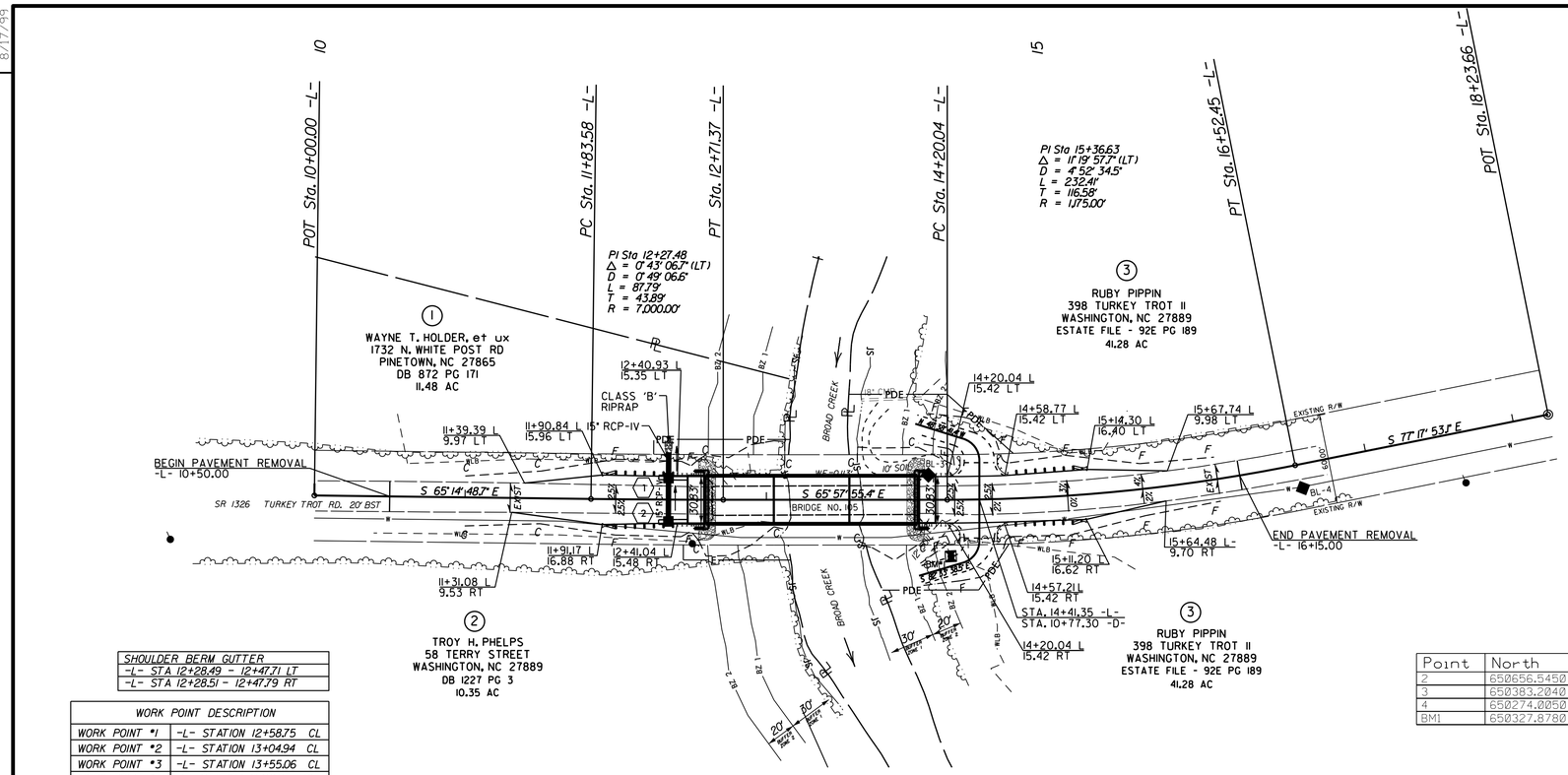
PROJECT REFERENCE NO.	SHEET NO.
17BP.2.R.59	4
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
11/16/2015	11/16/2015



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "B-105 GPS-2"
WITH NAD 83/NSRS 2007 STATE PLANE GRID COORDINATES OF
NORTHING: 650656.545(ft) EASTING: 2599154.270(ft)
ELEVATION: 11.31(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99988882
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B-105 GPS-2" TO -L- STATION 15

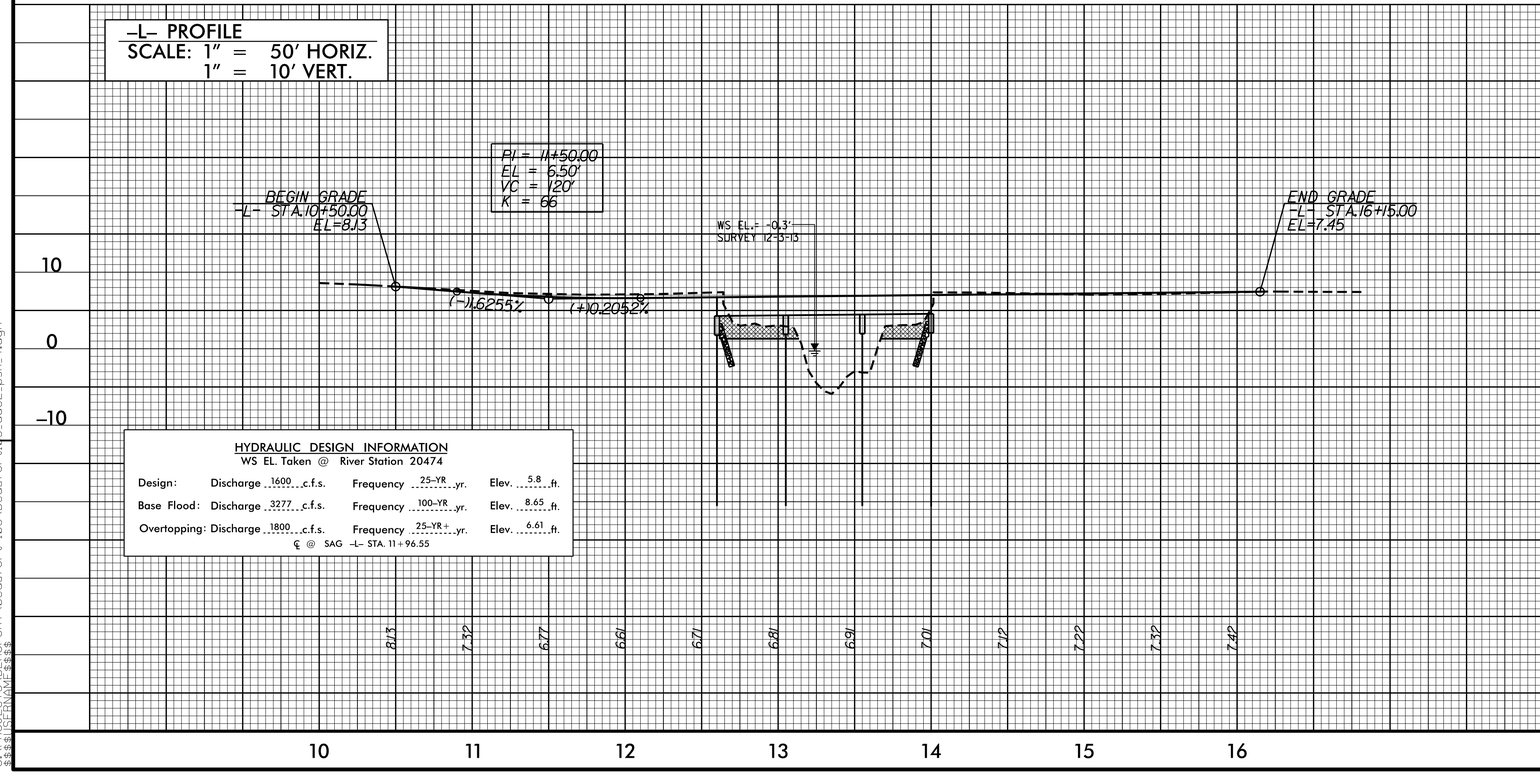
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

Point	North	East	Elevation	Description
2	650656.5450	2599154.2700	11.3100	B-105 GPS-2
3	650383.2040	2599875.8960	6.0400	BL-3
4	650274.0050	2600099.4670	6.8800	BL-4
BM1	650327.8780	2599867.5600	4.6220	R/R SPIKE SET IN BASE OF POWER POLE #20995

SHOULDER BERM GUTTER
-L- STA 12+28.49 - 12+47.71 LT
-L- STA 12+28.51 - 12+47.79 RT

WORK POINT DESCRIPTION	
WORK POINT #1	-L- STATION 12+58.75 CL
WORK POINT #2	-L- STATION 13+04.94 CL
WORK POINT #3	-L- STATION 13+55.06 CL
WORK POINT #4	-L- STATION 14+01.25 CL

-L- PROFILE
SCALE: 1" = 50' HORIZ.
1" = 10' VERT.

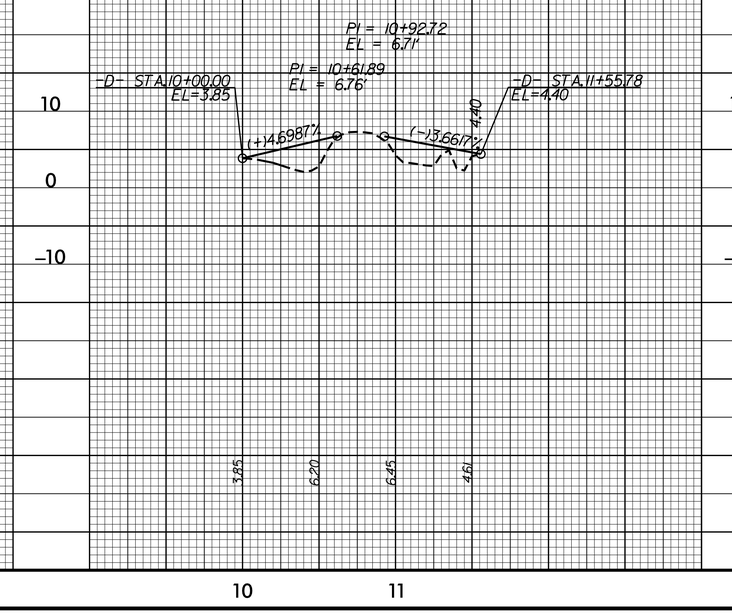


HYDRAULIC DESIGN INFORMATION
WS EL. Taken @ River Station 20474

Design:	Discharge 1600 c.f.s.	Frequency 25-YR yr.	Elev. 5.8 ft.
Base Flood:	Discharge 3277 c.f.s.	Frequency 100-YR yr.	Elev. 8.65 ft.
Overtopping:	Discharge 1800 c.f.s.	Frequency 25-YR+ yr.	Elev. 6.61 ft.

℄ @ SAG -L- STA. 11+96.55

-D- PROFILE
SCALE: 1" = 50' HORIZ.
1" = 10' VERT.



REVISIONS

8/17/99

28-OCT-2015 09:22
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