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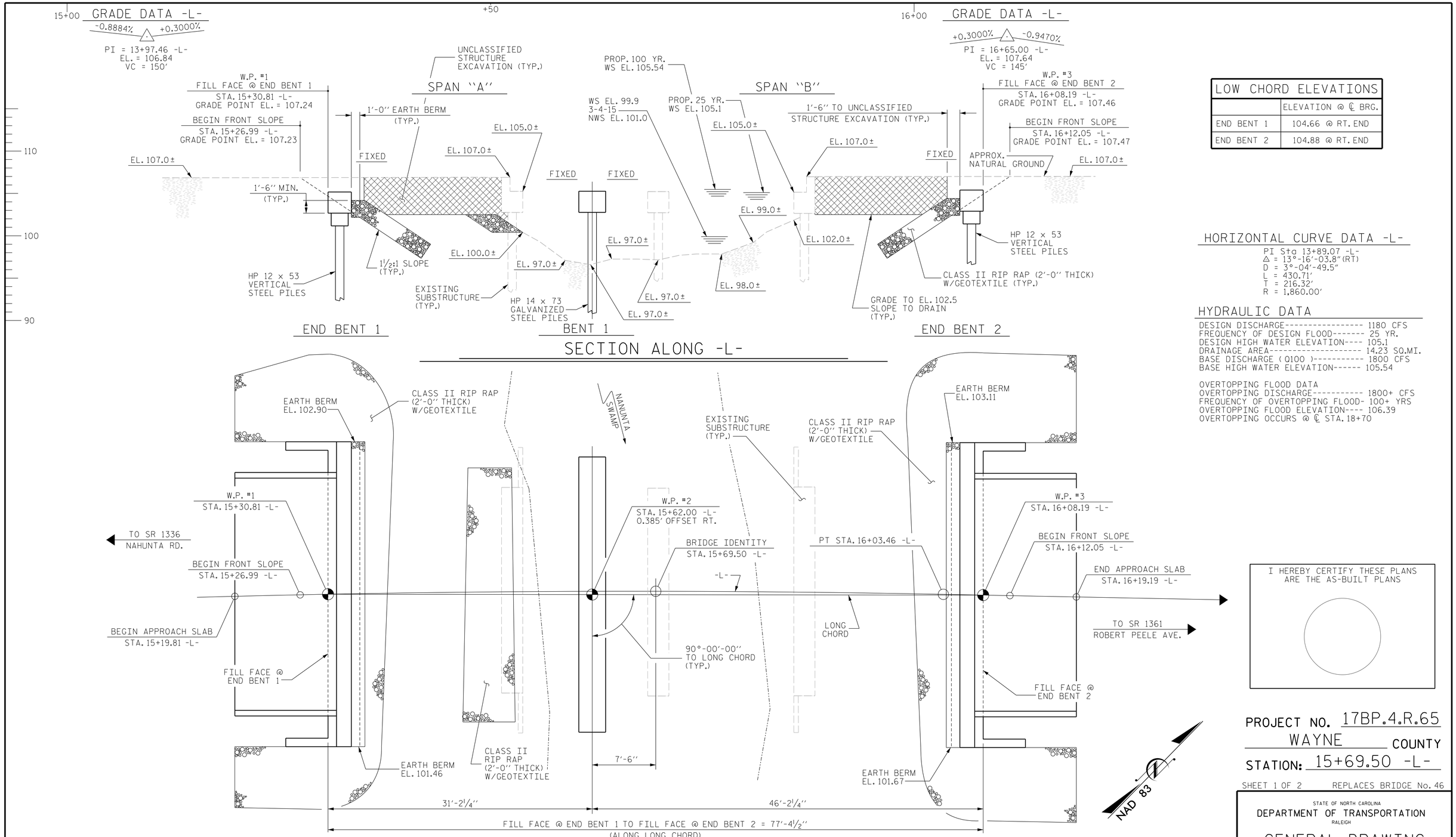

PLAN

(PILES NOT SHOWN IN PLAN VIEW)

NOTE :
W.P. #2 IS LOCATED
ON THE LONG CHORD

LOW CHORD ELEVATIONS	
	ELEVATION @ ℄ BRG.
END BENT 1	104.66 @ RT. END
END BENT 2	104.88 @ RT. END

HORIZONTAL CURVE DATA -L-

PI Sta 13+89.07 -L-
Δ = 13°-16'-03.8"(RT)
D = 3°-04'-49.5"
L = 430.71'
T = 216.32'
R = 1,860.00'

HYDRAULIC DATA

DESIGN DISCHARGE---------- 1180 CFS
FREQUENCY OF DESIGN FLOOD------- 25 YR.
DESIGN HIGH WATER ELEVATION---- 105.1
DRAINAGE AREA---------- 14.23 SQ.MI.
BASE DISCHARGE (Q100)---------- 1800 CFS
BASE HIGH WATER ELEVATION------ 105.54

OVERTOPPING FLOOD DATA
OVERTOPPING DISCHARGE---------- 1800+ CFS
FREQUENCY OF OVERTOPPING FLOOD- 100+ YRS
OVERTOPPING FLOOD ELEVATION---- 106.39
OVERTOPPING OCCURS @ ℄ STA. 18+70

I HEREBY CERTIFY THESE PLANS
ARE THE AS-BUILT PLANS

PROJECT NO. 17BP.4.R.65
WAYNE COUNTY
STATION: 15+69.50 -L-

SHEET 1 OF 2 REPLACES BRIDGE No. 46

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING

BRIDGE ON
SR 1353 (HOOKS RD.)
OVER NAHUNTA SWAMP
BETWEEN
SR 1336 & SR 1361

REVISIONS							SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:		S-1
1			3				TOTAL SHEETS
2			4				18

DRAWN BY : J.M. BRITT DATE : 8-18-15
CHECKED BY: B.C. HUNT DATE : 8-19-15
DESIGN ENGINEER OF RECORD: G.M.GILLAND DATE : 8-19-15

Docusigned by: Greg Gilland
Assistant Engineer

NORTH CAROLINA PROFESSIONAL SEAL 37400 ENGINEER GREGORY M. GILLAND

WETHERILL ENGINEERING

1223 Jones Franklin Rd.
Raleigh, N.C. 27606
Bus: 919 851 8077
Fax: 919 851 8107
License: F-0377

TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

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