PROJECT REFERENCE NO.	SHEET NO.
44614	4
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 037874 ENGINEER TIMOTHY D. GOINS

Tim D. Goins P.E.

HYDRAULICS ENGINEER

DOCUSIGNED BY: Joshua G. Dalton

SEAL P.E. 26971 ENGINEER JOSHUA G. DALTON

2/14/2018

Prepared by

vhb
940 Main Campus Drive, Suite 500
Raleigh, NC 27606
NC License No. C-3705

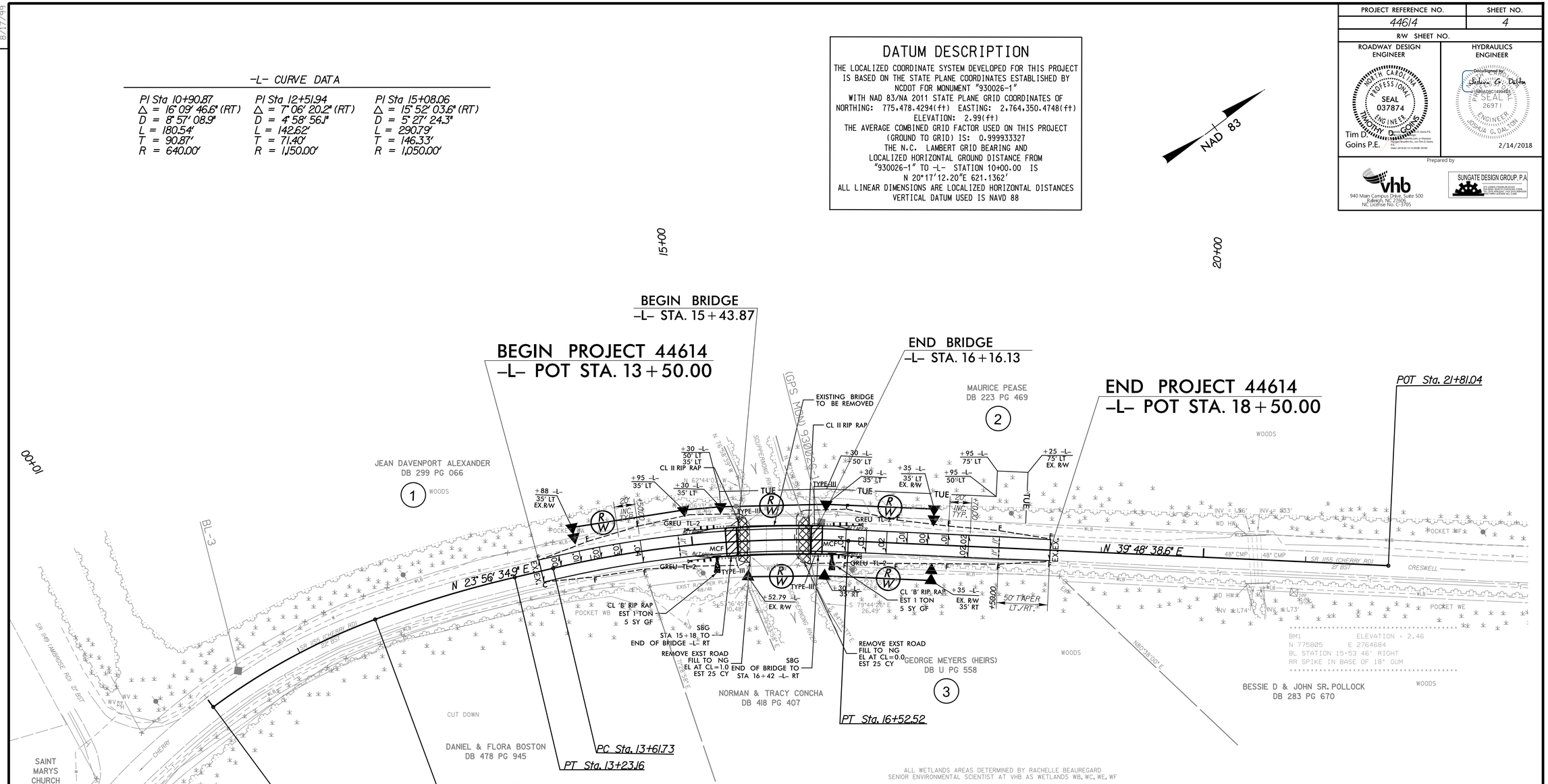
SUNGATE DESIGN GROUP, P.A.

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "930026-1"
WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF
NORTHING: 775,478.4294(ft) EASTING: 2,764,350.4748(ft)
ELEVATION: 2.99(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999933327
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "930026-1" TO -L- STATION 10+00.00 IS
N 20°17'12.20"E 621.1362'
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

-L- CURVE DATA

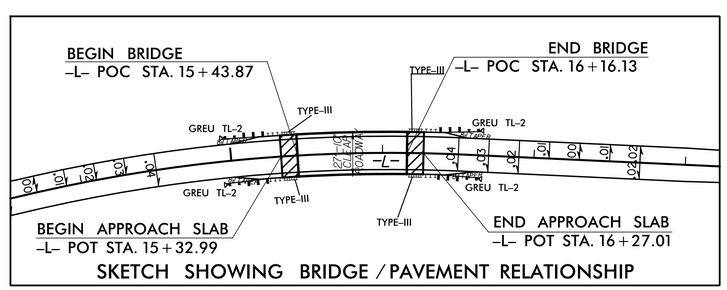
PI Sta 10+90.87	PI Sta 12+51.94	PI Sta 15+08.06
Δ = 16° 09' 46.6" (RT)	Δ = 7° 06' 20.2" (RT)	Δ = 15° 52' 03.6" (RT)
D = 8° 57' 08.9"	D = 4° 58' 56.1"	D = 5° 27' 24.3"
L = 180.54'	L = 142.62'	L = 290.79'
T = 90.87'	T = 71.40'	T = 146.33'
R = 640.00'	R = 1,150.00'	R = 1,050.00'



ALL WETLANDS AREAS DETERMINED BY RACHELLE BEAUREGARD SENIOR ENVIRONMENTAL SCIENTIST AT VHB AS WETLANDS WB, WC, WE, WF

RIGHT OF WAY AREA DATA

PARCEL NO.	PROPERTY OWNER NAME	R/W AREA	TUE
1	JEAN DAVENPORT ALEXANDER	1745.51 SF	689.91 SF
2	MAURICE PEASE	1555.89 SF	5449.37 SF
3	GEORGE MEYERS (HEIRS)	1837.26 SF	



SKETCH SHOWING BRIDGE / PAVEMENT RELATIONSHIP

FOR -L- PROFILE SEE SHEET 5

8/17/99

2/14/2018
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