

09/08/09

CONTRACT: C200909 TIP PROJECT: B-3646

See Sheet 1-A For Index of Sheets
See Sheet 1-B For Conventional Symbols

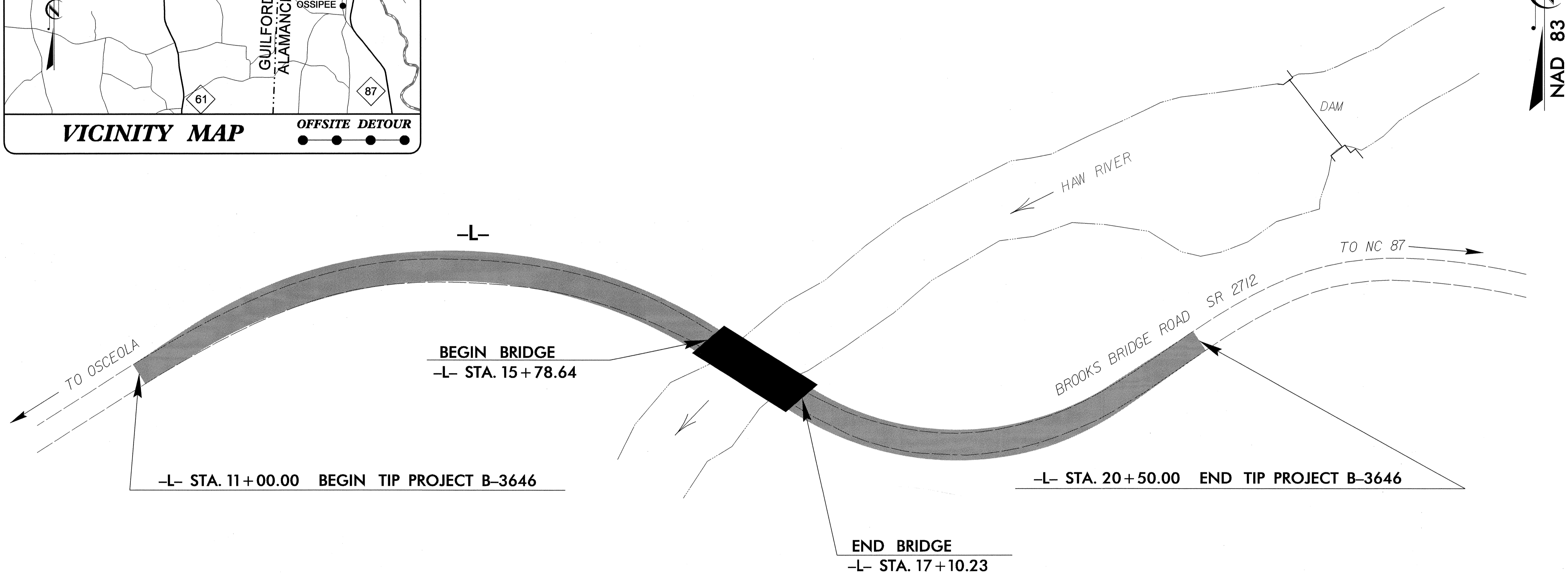
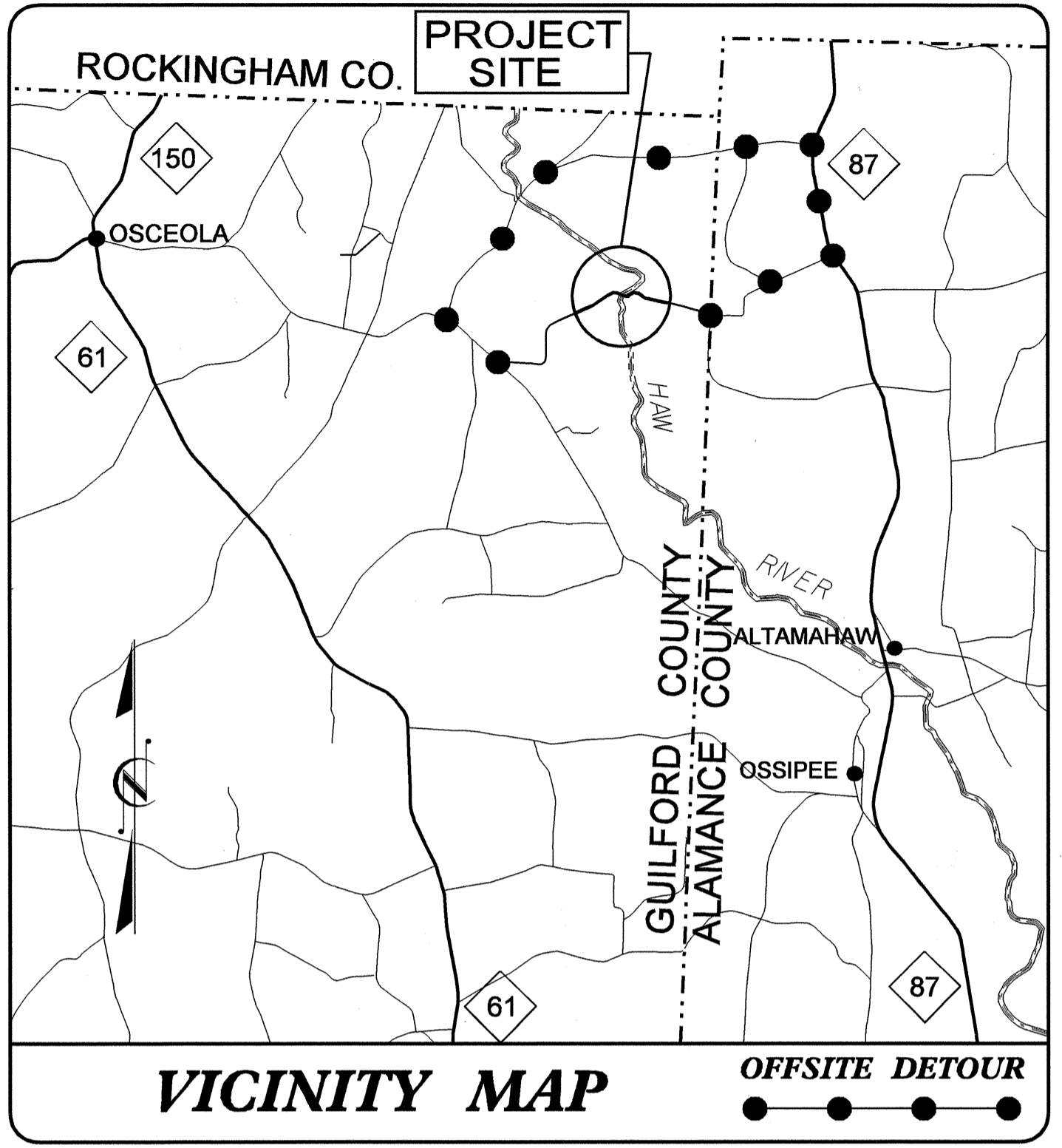
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

GUILFORD COUNTY

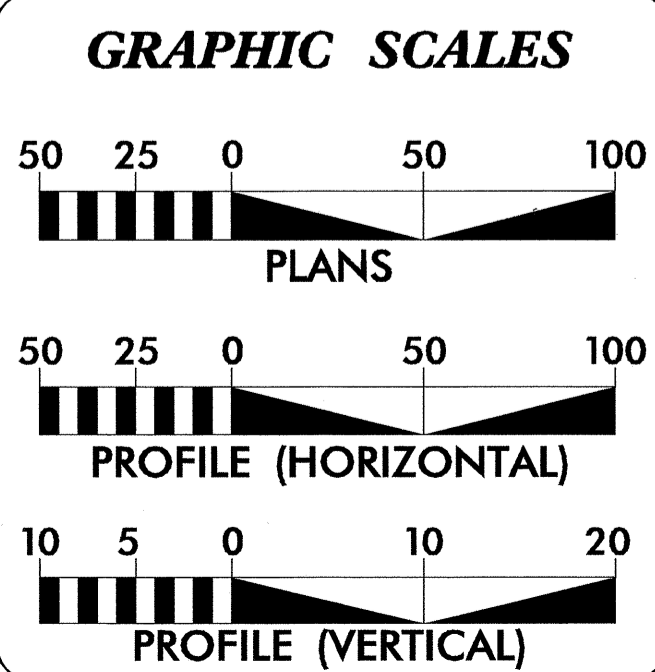
**LOCATION: BRIDGE NO. 185 OVER HAW RIVER AND
APPROACHES ON SR 2712 (BROOKS BRIDGE ROAD)**

TYPE OF WORK: GRADING, PAVING, DRAINAGE, AND STRUCTURE

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-3646	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
33192.1.1	BRZ-2712(2)	PE	
33192.2.1	BRZ-2712(2)	RW & UTIL	
33192.3.1	BRZ-2712(3)	CONST.	



** DESIGN EXCEPTION REQUIRED TO REDUCE DESIGN SPEED FROM 60 MPH TO 25 MPH



DESIGN DATA

ADT 2004 =	260
ADT 2025 =	500
DHV =	10 %
D =	60 %
* T =	3 %
** V =	25 MPH
* (TTST 1% + DUAL 2%)	
FUNC CLASS =	LOCAL

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT B-3646	=	0.155 MI
LENGTH STRUCTURE TIP PROJECT B-3646	=	0.025 MI
TOTAL LENGTH OF TIP PROJECT B-3646	=	0.180 MI

Prepared in the Office of:
DIVISION OF HIGHWAYS
1000 Birch Ridge Dr., Raleigh, NC, 27610

2002 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: JULY 31, 2003
LETTING DATE: AUGUST 17, 2004

GLENN W. MUMFORD, PE
PROJECT ENGINEER

LISA W. SHAPIRO, PE
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

Will J. Year...
SIGNATURE: [Signature]

ROADWAY DESIGN ENGINEER

Lisa W. Shapiro
SIGNATURE: [Signature]

Professional Engineer Seals for Glenn W. Mumford (1986) and Lisa W. Shapiro (1901).

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

STATE DESIGN ENGINEER

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED DIVISION ADMINISTRATOR [Signature] DATE

15-JUN-2004 12:23
Roadway File: B3646_P01.TSH.DGN
D:\kbar