

09/08/99

**TIP PROJECT: W-5206AG**

**CONTRACT:**

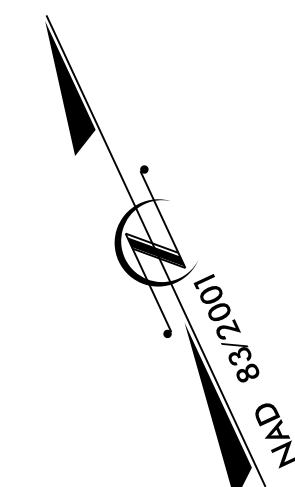
# W-5206AG SURVEY CONTROL SHEET

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	W-5206AG	1C	

**DATUM DESCRIPTION**  
 THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NGS FOR MONUMENT "HIGHLAND" WITH NAD 83/ 2001 STATE PLANE GRID COORDINATES OF NORTHING: 603410.311(±) EASTING: 2074402.94(±) ELEVATION: 183.58(±) THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99987271 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "HIGHLAND" TO -L- STATION IS S 71° 23' 45.12" E (2,360.89') ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD 88

- ◆ INDICATES REBAR AND CAP USED OR SET FOR HORIZONTAL PROJECT CONTROL BY CH ENGINEERING.
  - ⊠ INDICATES BENCHMARK USED OR SET FOR VERTICAL PROJECT CONTROL BY CH ENGINEERING.
- PROJECT CONTROL WAS ESTABLISHED USING NCGS VIRTUAL REFERENCE STATION (VRS) NETWORK

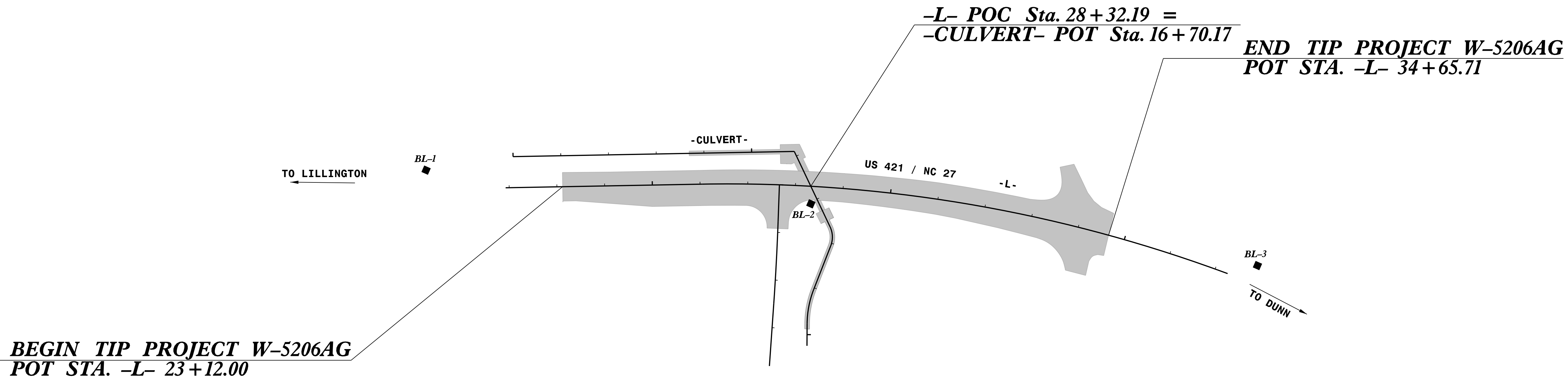
DRAWING NOT TO SCALE



**BASELINE DATA**

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	602793.2915	2076386.4325	174.20	BL-1
2	602434.9048	2077102.0498	186.27	BL-2
3	601974.7363	2077937.049	176.72	BL-3

-L-			
TYPE	STATION	NORTH	EAST
POT	10+00.00	603110.5719	2075409.3184
PC	26+04.47	602556.0358	2076914.9142
PT	37+05.03	601996.8223	2077855.6475
POT	40+45.67	601772.2690	2078111.8038



CH ENGINEERING

3220 GLEN ROYAL RD. RALEIGH, NC 27617  
 TEL. (919) 788-0224 FAX (919) 788-0232  
 CORPORATE LICENSE # P-0189

GRAPHIC SCALES

50 25 0 50 100

PLANS

50 25 0 50 100

PROFILE (HORIZONTAL)

10 5 0 10 20

PROFILE (VERTICAL)

DESIGN DATA

AADT 2012 = 18,000  
 V = 50 MPH  
 FUNC CLASS = RURAL ARTERIAL  
 REGIONAL TIER

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT W-5206AG = 0.491 MILES

TOTAL LENGTH OF TIP PROJECT W-5206AG = 0.491 MILES

Prepared for the North Carolina Department of Transportation in the office of:

PARSONS

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 Suite 217, 5540 Corporate Blvd., Suite 217  
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 FOR NORTH CAROLINA STATE DEPARTMENT OF TRANSPORTATION

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101 JONES FARM ROAD  
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 NC LICENSE NO. 4-0246

2012 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:  
AUGUST 27, 2014

LETTING DATE:  
MAY 19, 2015

DAVID L. WILVER, P.E.  
PROJECT ENGINEER

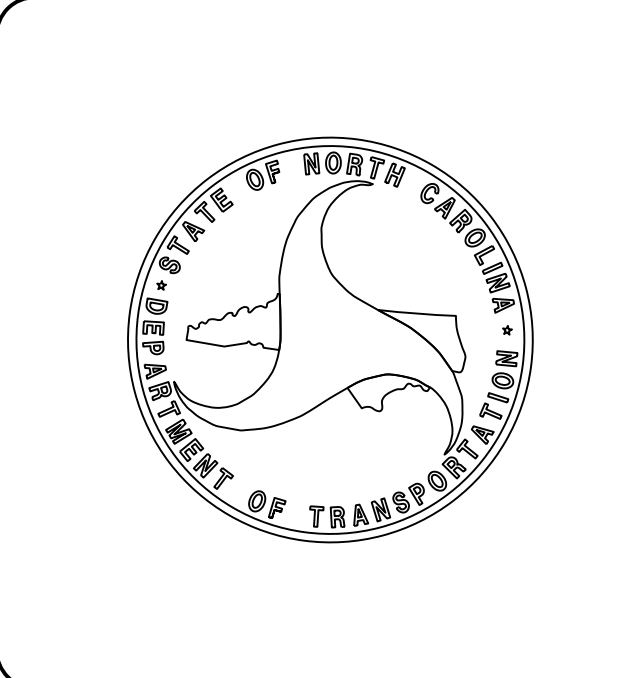
TIM D. GOINS, P.E.  
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

SIGNATURE: \_\_\_\_\_ P.E.

ROADWAY DESIGN ENGINEER

SIGNATURE: \_\_\_\_\_ P.E.



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