DocuSign Envelope ID: C0686043-42A4-4AE1-AE65-6E4A0C906136

PROJECT REFERENCE NO.	SHEET NO.
17BP.14.R.122	1C-1
Location and Surveys	

SURVEY CONTROL SHEET 87-0137
- FINAL -

BL

POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
1	BL-1	515457.0537	883372.7762	2421.29	OUTSIDE PROJECT LIMITS	
2	BL-2	515598.7640	883185.9824	2406.28	13+73.17	5.04 RT
3	BL-3	515851.6902	882945.6139	2408.92	10+23.84	13.76 LT

****
BM1 ELEVATION = 2412.50
N 515563 E 883275
L STATION 14+66.07 28.68' LEFT
NAIL IN BASE OF 15" PINE
****

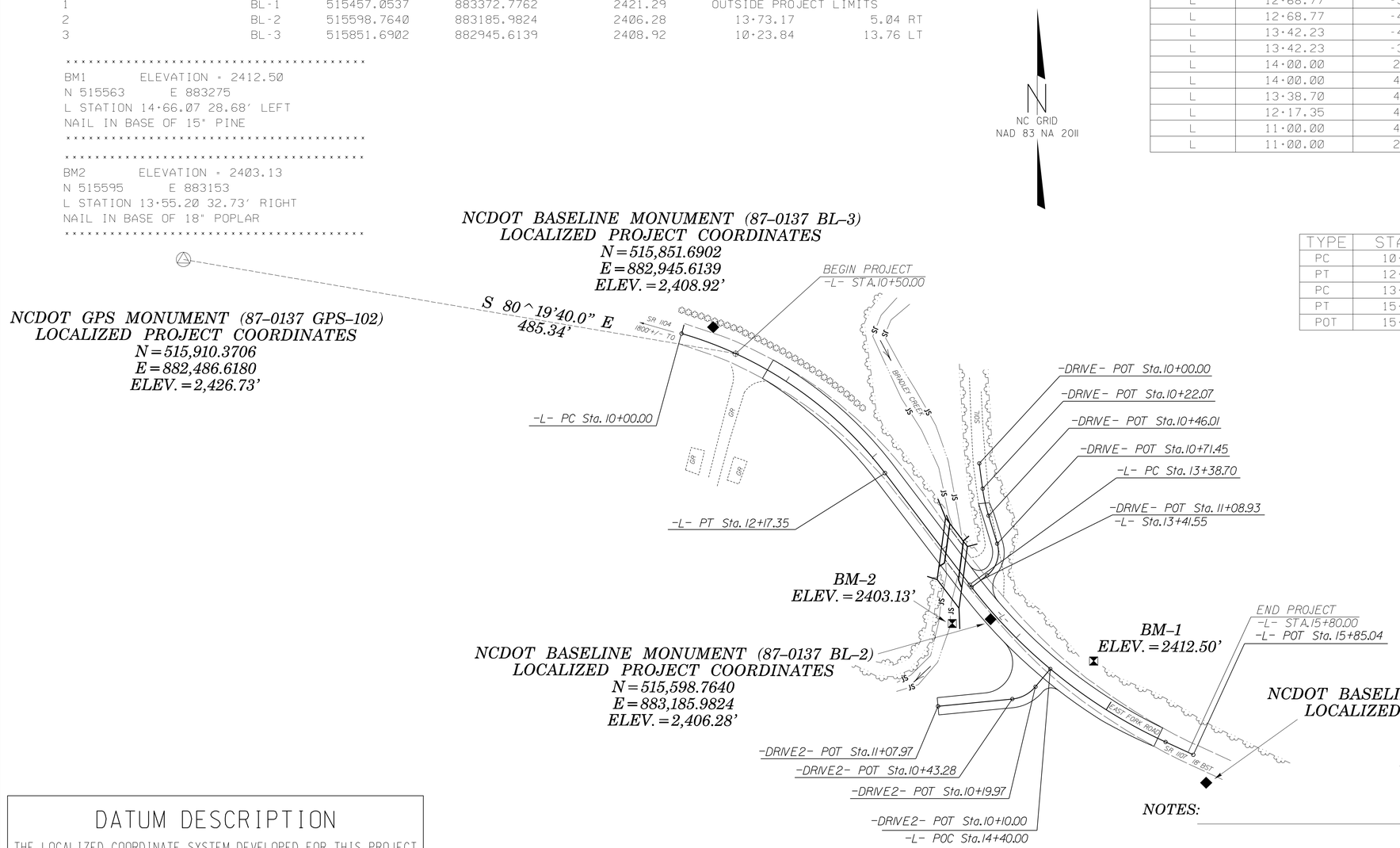
****
BM2 ELEVATION = 2403.13
N 515595 E 883153
L STATION 13+55.20 32.73' RIGHT
NAIL IN BASE OF 18" POPLAR
****

-FINAL- ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	12+68.77	-36.58	515706.5343	883154.6584
L	12+68.77	-43.00	515710.4216	883159.7724
L	13+42.23	-43.00	515652.2190	883204.0303
L	13+42.23	-36.74	515648.3926	883199.0776
L	14+00.00	23.76	515565.7891	883191.3714
L	14+00.00	40.00	515554.2953	883179.8957
L	13+38.70	40.00	515604.5266	883136.0103
L	12+17.35	40.00	515701.1330	883062.5760
L	11+00.00	40.00	515771.2308	882987.0693
L	11+00.00	28.66	515780.7422	882993.2426

-L- FINAL

TYPE	STATION	NORTH	EAST
PC	10+00.00	515846.1970	882918.2203
PT	12+17.35	515725.3391	883094.4203
PC	13+38.70	515628.7327	883167.8546
PT	15+58.56	515492.4422	883337.5879
POT	15+85.04	515481.3462	883361.6385



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "87-0137 GPS-102" WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF NORTHING: 515,910.3706(ft) EASTING: 882,486.6180(ft) ELEVATION: 2,426.73(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99976427
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "87-0137 GPS-102" TO -L- STATION 10+50.00 IS S 80°19'40.0' E 485.34'
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

GEOID MODEL - G12ANC
NOTE: DRAWING NOT TO SCALE

NOTES:

1. THE CONTROL DATA FOR THIS PROJECT CAN BE FOUND ELECTRONICALLY BY SELECTING PROJECT CONTROL DATA AT:
HTTPS://CONNECT.NCDOT.GOV/RESOURCES/LOCATION/

THE FILES TO BE FOUND ARE AS FOLLOWS:
87-0137_LS_CONTROL.TXT

SITE CALIBRATION INFORMATION HAS NOT BEEN PROVIDED FOR THIS PROJECT. IF FURTHER INFORMATION IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

△ INDICATES GEODETIC CONTROL MONUMENTS USED OR SET FOR HORIZONTAL PROJECT CONTROL BY THE NCDOT LOCATION AND SURVEYS UNIT.
PROJECT CONTROL ESTABLISHED USING GLOBAL POSITIONING SYSTEM.

6/2/99
\\CLT\FILE01\Transportation\PX\033185000 Division 14 YR4 17BP Bridges Group 4\033185137 Bridge 870137\Correspondence and Communication\Client\From NCDOT\20160603_Revised Survey Control Sheet\870137_ls_1c-1.dgn
6/3/2016
8:34:03 AM