PROJECT REFERENCE NO.	SHEET NO.
B-5164	1C
Location and Surveys	

SURVEY CONTROL SHEET B-5164

BL

POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
101	BL-101	624225.5236	1837381.8225	363.13	10+51.70	12.56 LT
102	BL-102	624331.2565	1837940.6170	341.36	16+19.84	12.89 RT
1	B5164-1	624480.4240	1838558.1940	371.61	22+55.29	3.39 RT

BM1 ELEVATION = 365.89
N 624180 E 1837378
L STATION 10+37.00 31 RIGHT
RR-SPIKE IN BASE OF POWER POLE

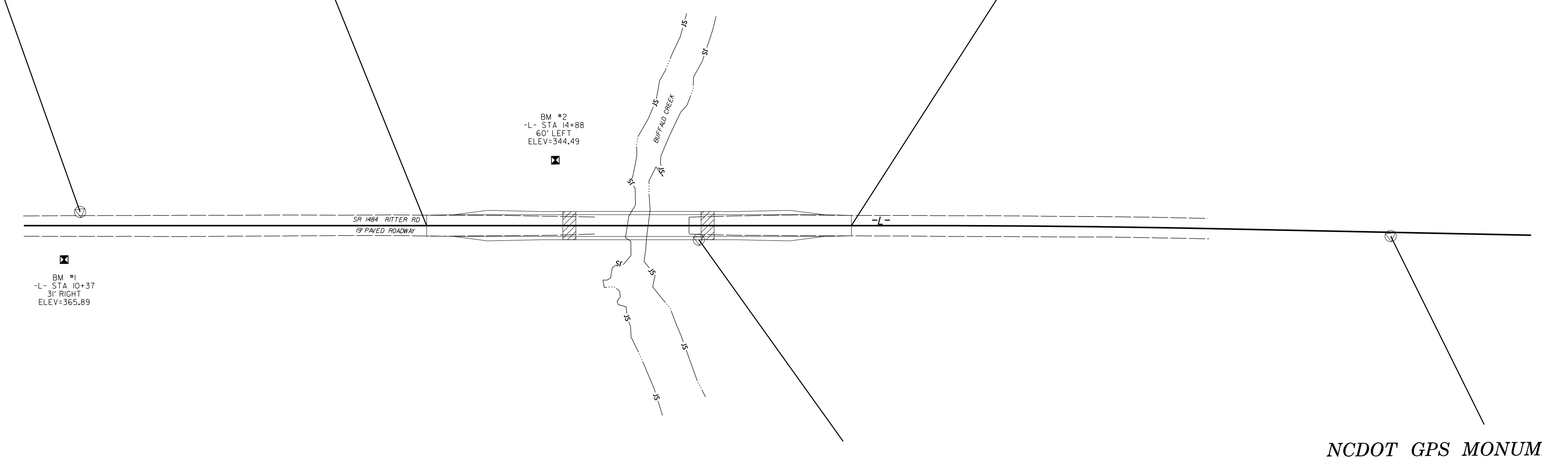
BM2 ELEVATION = 344.49
N 624372 E 1837796
L STATION 14+88.00 60 LEFT
RR-SPIKE IN BASE OF 18IN POPLAR TREE

NC GRID
NAD 83/CORS 96

LOCALIZED PROJECT COORDINATES
-L- STA. 13+70.00 BEGIN TIP PROJECT B-5164
N = 624286.4110
E = 1837694.4952

LOCALIZED PROJECT COORDINATES
-L- STA. 17+60.00 END TIP PROJECT B-5164
N = 624375.9964
E = 1838074.0666

NCDOT BASELINE STATION "BL-101"
LOCALIZED PROJECT COORDINATES
N = 624225.5236
E = 1837381.8225



NCDOT BASELINE STATION "BL-102"
LOCALIZED PROJECT COORDINATES
N = 624331.2565
E = 1837940.6170

NCDOT GPS MONUMENT "B5164-1"
LOCALIZED PROJECT COORDINATES
N = 624480.4240
E = 1838558.1940

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "B5164-1"
WITH NAD 83/CORS 96 STATE PLANE GRID COORDINATES OF
NORTHING: 624480.4240(ft) EASTING: 1838558.1940(ft)
ELEVATION: 371.607(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.9998660579
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B5164-1" TO -L- STATION 13+70.00 IS S77°20'23.2"W 885.22'
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

NOTES:

1. *THE CONTROL DATA FOR THIS PROJECT CAN BE FOUND ELECTRONICALLY BY SELECTING PROJECT CONTROL DATA AT:*
HTTP://WWW.NCDOT.ORG/DOH/PRECONSTRUCT/HIGHWAY/LOCATION/PROJECT/

THE FILES TO BE FOUND ARE AS FOLLOWS:
B5164_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.
NETWORK ESTABLISHED FROM NGS ONLINE POSITIONING SERVICE (OPUS)

NOTE: DRAWING NOT TO SCALE

6/2/99
31-JAN-2014 09:02
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