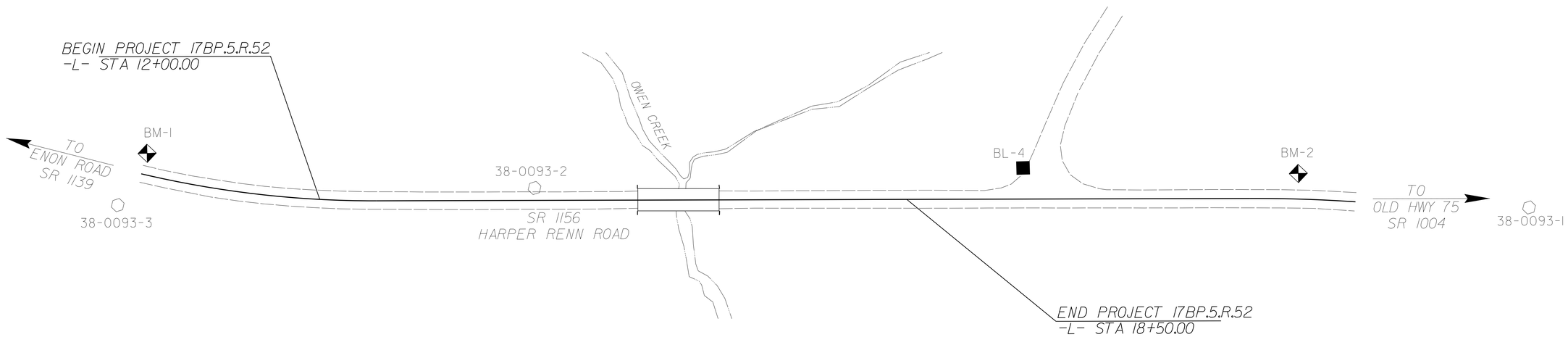
| PROJECT REFERENCE NO. | SHEET NO. |
|---|---|
| 17BP.5.R.52 - GRANVILLE 93 | 1-C |
| LOCATION AND SURVEYS | |

# SURVEY CONTROL SHEET 38-0093




| BASELINE POINT | DESC. | NORTH | EAST | ELEVATION | L STATION | OFFSET |
|---|---|---|---|---|---|---|
| 1 | 38-0093-1 | 916471.8570 | 2098980.5210 | 409.83 | OUTSIDE PROJECT LIMITS | |
| 4 | BL-4 | 916909.3402 | 2098627.5071 | 385.44 | 19+78.91 | 34.35 LT |
| 2 | 38-0093-2 | 917287.5000 | 2098240.1200 | 383.37 | 14+37.94 | 13.75 LT |
| 3 | 38-0093-3 | 917610.1550 | 2097909.4790 | 400.69 | OUTSIDE PROJECT LIMITS | |

BENCH MARK DATA

**********

BM-1 ELEVATION = 397.29'
N 917626 E 2097973
L STATION 10+01.00 24' LT
NAIL SET IN 22" PINE

**********

**********

BM-2 ELEVATION = 399.38'
N 916684 E 2098832
L STATION 22+83.00 28' LT
NAIL SET IN 36" OAK

**********

## DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "39-0093-3" WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF NORTHING: 917610.155(ft) EASTING: 2097909.479(ft) ELEVATION: 400.691(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.9999837600
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "39-0093-3" TO -L- STATION 10+00.00 IS N 83°34'20.5"E 43.29 (ft)
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

*GEOID G12NC*
*NOTE: DRAWING NOT TO SCALE*

***NOTES:***

*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 EXISTING HARN MONUMENTATION*
*SEE GPS CALIBRATION SHEET FOR HORIZONTAL AND VERTICAL COORDINATE VALUES.*

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