

6/2/99

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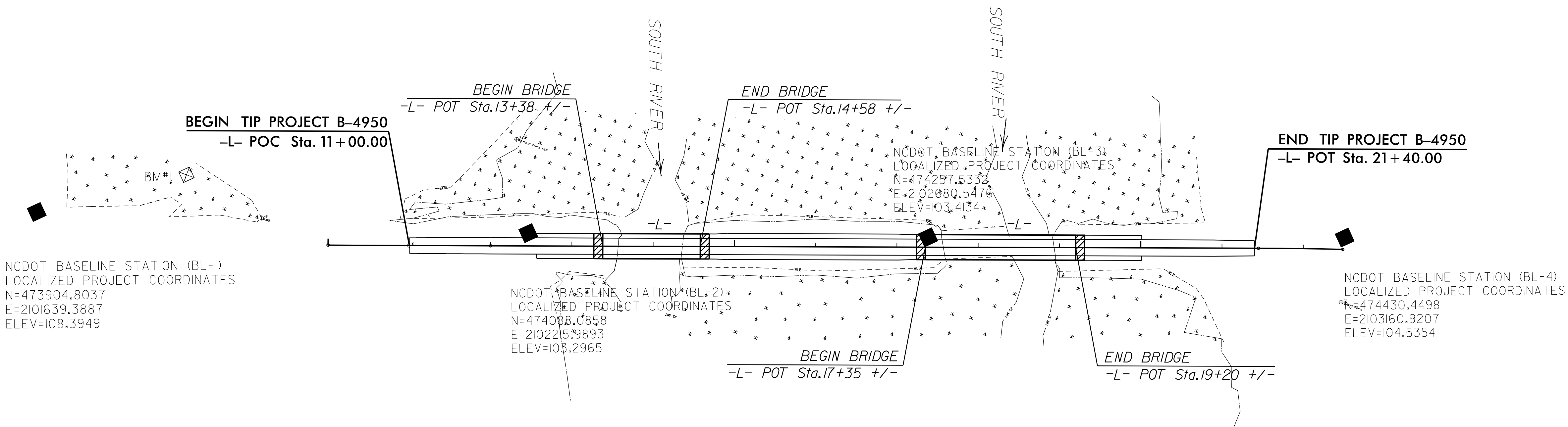
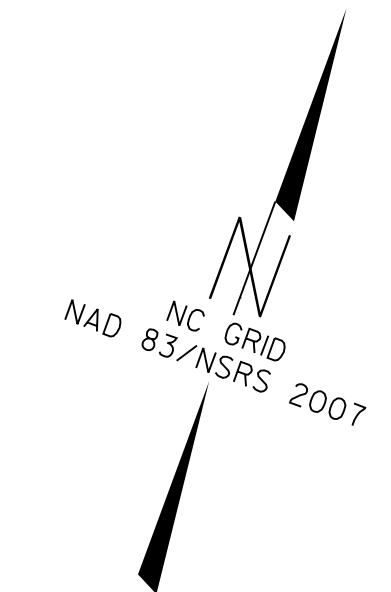
SURVEY CONTROL SHEET B-4950

PROJECT REFERENCE NO.	SHEET NO.
B-4950	1C-1
Location and Surveys	

BL	POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
BL1	B4950	BL-1	473904.8037	2101639.3887	108.39	OUTSIDE PROJECT LIMITS	
BL2	B4950	BL-2	474088.0858	2102215.9893	103.30	12+43.81	15.48 LT
BL3	B4950	BL-3	474257.5332	2102680.5476	103.41	17+38.31	15.42 LT
BL4	B4950	BL-4	474430.4498	2103160.9207	104.54	22+48.56	14.26 LT

L			
TYPE	STATION	NORTH	EAST
PC	10+00.00	473990.2065	2101992.1719
PT	11+99.95	474058.5106	2102180.0953
PC	21+44.91	474382.4232	2103067.8012
PT	22+48.70	474416.9994	2103165.6686

PRELIMINARY ROW MARKER IRON PIN AND CAP-E				
ALIGN	STATION	OFFSET	NORTH	EAST
L	13+00.00	-50.00	474139.7760	2102256.9432
L	13+00.00	-30.00	474120.9877	2102263.7988
L	13+00.00	30.00	474064.6228	2102284.3656
L	13+00.00	50.00	474045.8345	2102291.2213
L	20+75.00	-50.00	474405.4311	2102984.9902
L	20+75.00	-30.00	474386.6433	2102991.8456
L	20+75.00	30.00	474330.2783	2103012.4124
L	20+75.00	50.00	474311.4895	2103019.2682



NCDOT BASELINE STATION (BL-1)
LOCALIZED PROJECT COORDINATES
N=473904.8037
E=2101639.3887
ELEV=108.3949

NCDOT BASELINE STATION (BL-2)
LOCALIZED PROJECT COORDINATES
N=474088.0858
E=2102215.9893
ELEV=103.2965

NCDOT BASELINE STATION (BL-3)
LOCALIZED PROJECT COORDINATES
N=474257.5332
E=2102680.5476
ELEV=103.4134

NCDOT BASELINE STATION (BL-4)
LOCALIZED PROJECT COORDINATES
N=474430.4498
E=2103160.9207
ELEV=104.5354

BM1 ELEVATION = 104.14
N 474007 E 2101796
L STATION 10+00.00
N 85°11'43.71" W DIST 196.79
RAILROAD SPIKE IN 24" PINE

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "B4950-2"
WITH NAD 83/NSRS 2007 STATE PLANE GRID COORDINATES OF
NORTHING: 473937.0570(±) EASTING: 2101218.4420(±)
ELEVATION: 116.56(±)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99988377
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B4950-2" TO -L- STATION 11+00 IS
N84°15' 29.53"E 872.11'
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

NOTES:

- THE CONTROL DATA FOR THIS PROJECT CAN BE FOUND ELECTRONICALLY BY SELECTING PROJECT CONTROL DATA AT:
[HTTPS://CONNECT.NCDOT.GOV/RESOURCES/LOCATION/](https://connect.ncdot.gov/resources/location/)
THE FILES TO BE FOUND ARE AS FOLLOWS:
B-4950_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 EXISTING HARN MONUMENTATION
SEE GPS CALIBRATION SHEET FOR HORIZONTAL AND VERTICAL COORDINATE VALUES.

NOTE: DRAWING NOT TO SCALE