

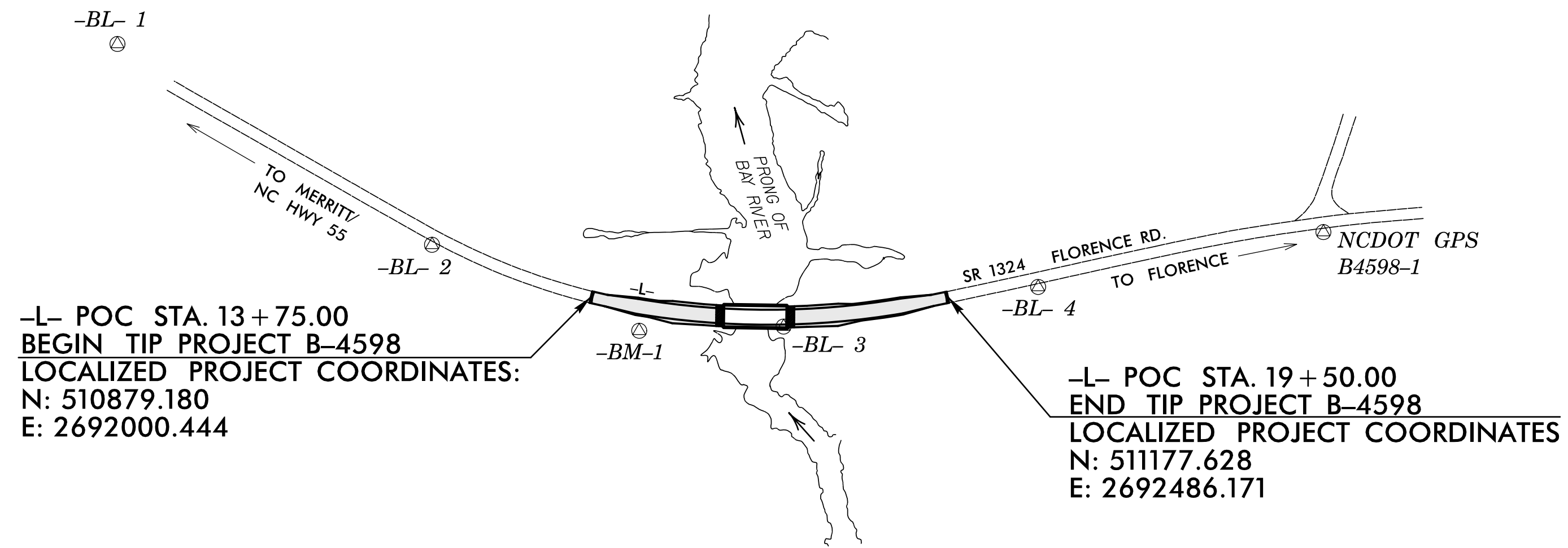
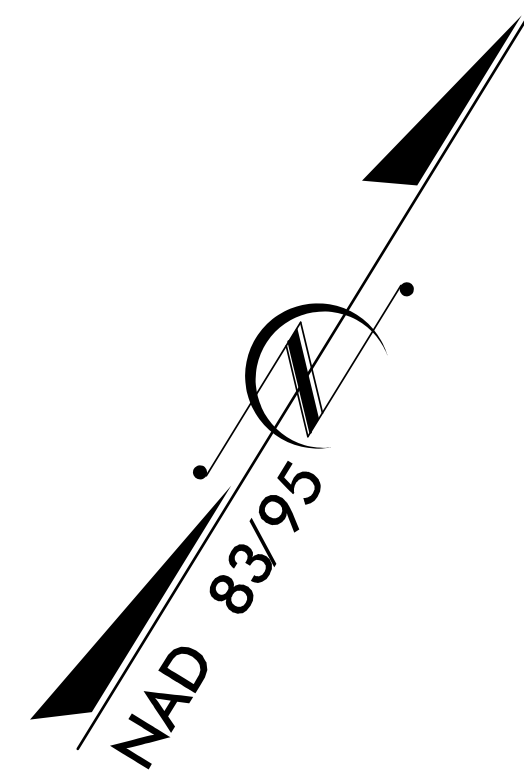
SURVEY CONTROL SHEET B-4598

BASELINES

BL	POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
1		BL-1	510827.5970	2691145.1150	3.08	OUTSIDE PROJECT LIMITS	
2		BL-2	510817.3170	2691740.9710	2.76	11+09.63	13.73 RT
3		BL-3	510999.9990	2692287.5200	3.30	16+85.05	15.16 RT
4		BL-4	511266.7730	2692600.5720	2.77	20+94.26	14.12 RT
GPS1		B4598-1	511580.0040	2692942.5800	3.19	OUTSIDE PROJECT LIMITS	

BENCHMARKS

.....
 BM1 ELEVATION + 2.33
 N 510874 E 2692095
 L STATION 14+60.00 38 RIGHT
 R/R SPIKE SET IN POWER POLE +57965



-L- POC STA. 13+75.00
 BEGIN TIP PROJECT B-4598
 LOCALIZED PROJECT COORDINATES:
 N: 510879.180
 E: 2692000.444

-L- POC STA. 19+50.00
 END TIP PROJECT B-4598
 LOCALIZED PROJECT COORDINATES:
 N: 511177.628
 E: 2692486.171

FINAL ROW & EASEMENTS

ALIGN	STATION	OFFSET	NORTH	EAST
L	14+48.22	40.00	510867.0669	2692084.2377
L	14+48.22	-40.00	510941.2445	2692054.2762
L	14+48.22	-29.38	510931.3996	2692058.2527
L	14+48.22	30.62	510875.7660	2692080.7240
L	19+14.38	-40.00	511182.5268	2692432.8701
L	19+14.38	40.00	511124.0424	2692487.4556
L	19+14.38	-30.00	511175.2162	2692439.6933
L	19+14.38	30.00	511131.3529	2692480.6324

FINAL DESIGN ALIGNMENTS

TYPE	STATION	NORTH	EAST
POT	10+00.00	510827.2539	2691630.6694
PC	10+87.84	510830.0898	2691718.4663
PCC	14+48.22	510904.1557	2692069.2569
PCC	19+14.38	511153.2846	2692460.1628
PT	22+62.28	511394.1385	2692711.1949

NOTES:

1. 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-4598_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)

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "B4598-1" WITH NAD 83/95 STATE PLANE GRID COORDINATES OF NORTHING: 511580.0040(±) EASTING: 2692942.580(±) ELEVATION: 3.19(±)

THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99988041

THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B4598-1" TO -L- STATION 13+75.00 IS
 S 53° 21' 20.4" W 1174.21'

ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
 VERTICAL DATUM USED IS NAVD 88

NOTE: DRAWING NOT TO SCALE

6/2/99

4/7/2007 X:\NCDOT\B-4598\Roadway\Proj\B4598.LS.1C-1.dgn