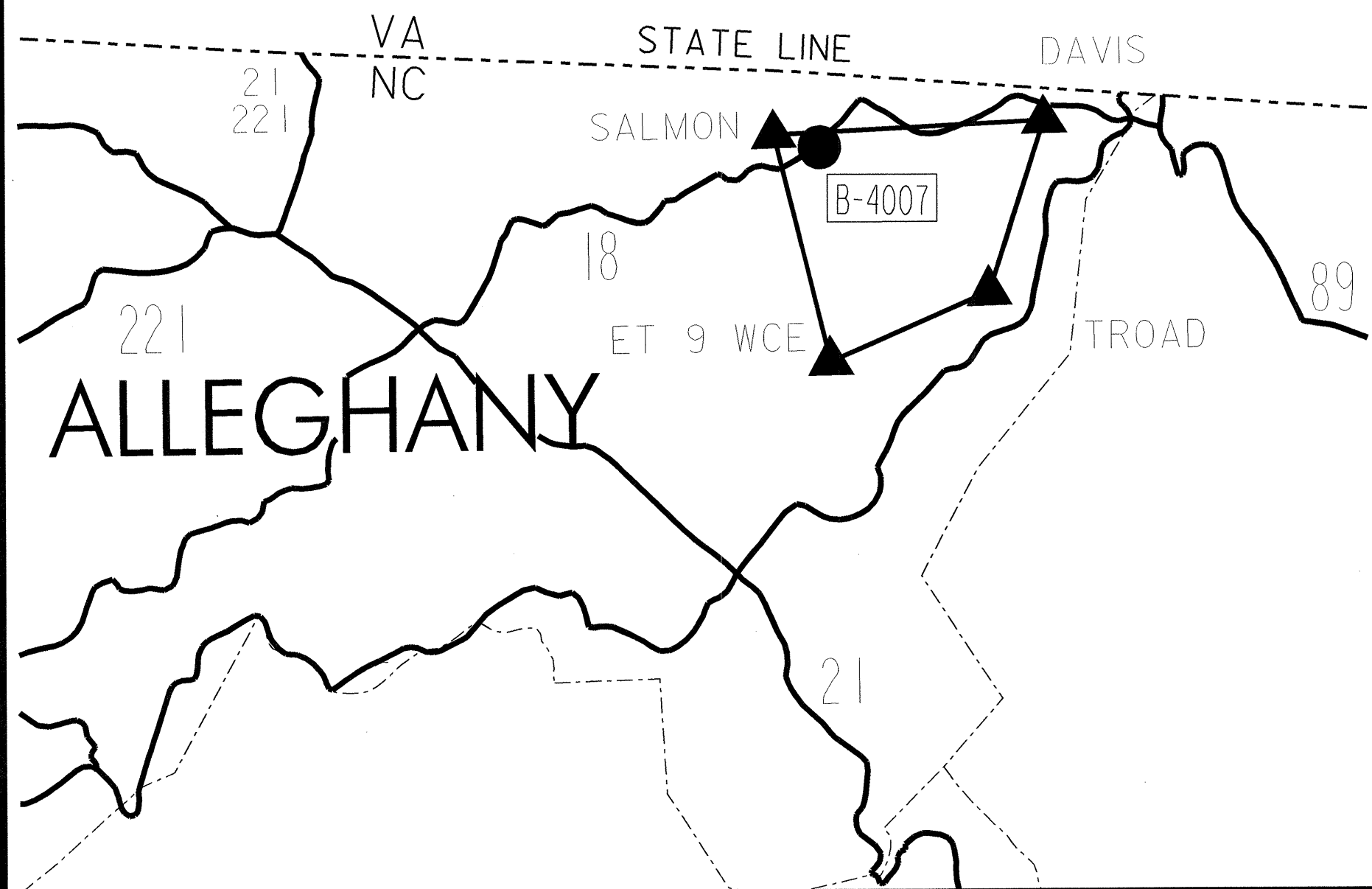


SURVEY CONTROL SHEET B-4007



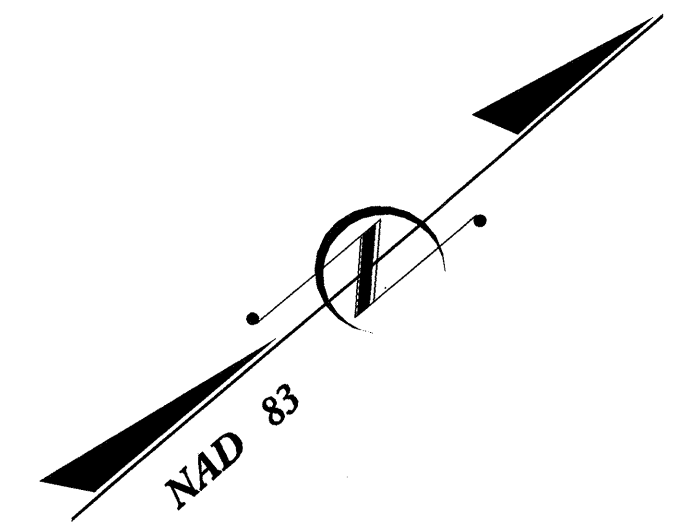
GPS CONTROL NETWORK

BL	POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
3	BL-3		1024180.9720	1411417.8591	2460.81	OUTSIDE PROJECT LIMITS	
4	BL-4		1024434.2411	1411398.4521	2443.25	12+13.45	17.77 LT
1	GPS B4007-1		1024568.1215	1411489.4310	2430.78	13+72.05	20.13 RT
5	BL-5		1024952.2608	1411740.9094	2423.74	18+32.28	18.64 LT
2	GPS B4007-2		1025314.1994	1412031.4345	2444.98	OUTSIDE PROJECT LIMITS	
6	BL-6		1025701.5002	1412531.7301	2479.39	OUTSIDE PROJECT LIMITS	
7	BL-7		1025706.1694	1412864.2134	2496.73	OUTSIDE PROJECT LIMITS	

.....
 BM 1 ELEVATION = 2472.03'
 N 1024242 E 1411373
 L STATION 10+23 30' LEFT
 8" SPIKE IN BASE OF TWIN WHITE OAK

 BM 2 ELEVATION = 2428.94'
 N 1024956 E 1411808
 L STATION 18+77 31' RIGHT
 8" SPIKE IN BASE OF OAK TREE

 BM 3 ELEVATION = 2481.14'
 N 1025765 E 1412705
 OUTSIDE PROJECT LIMITS
 8" SPIKE IN ROOT OF 30"
 THREE FORKED MAPLE

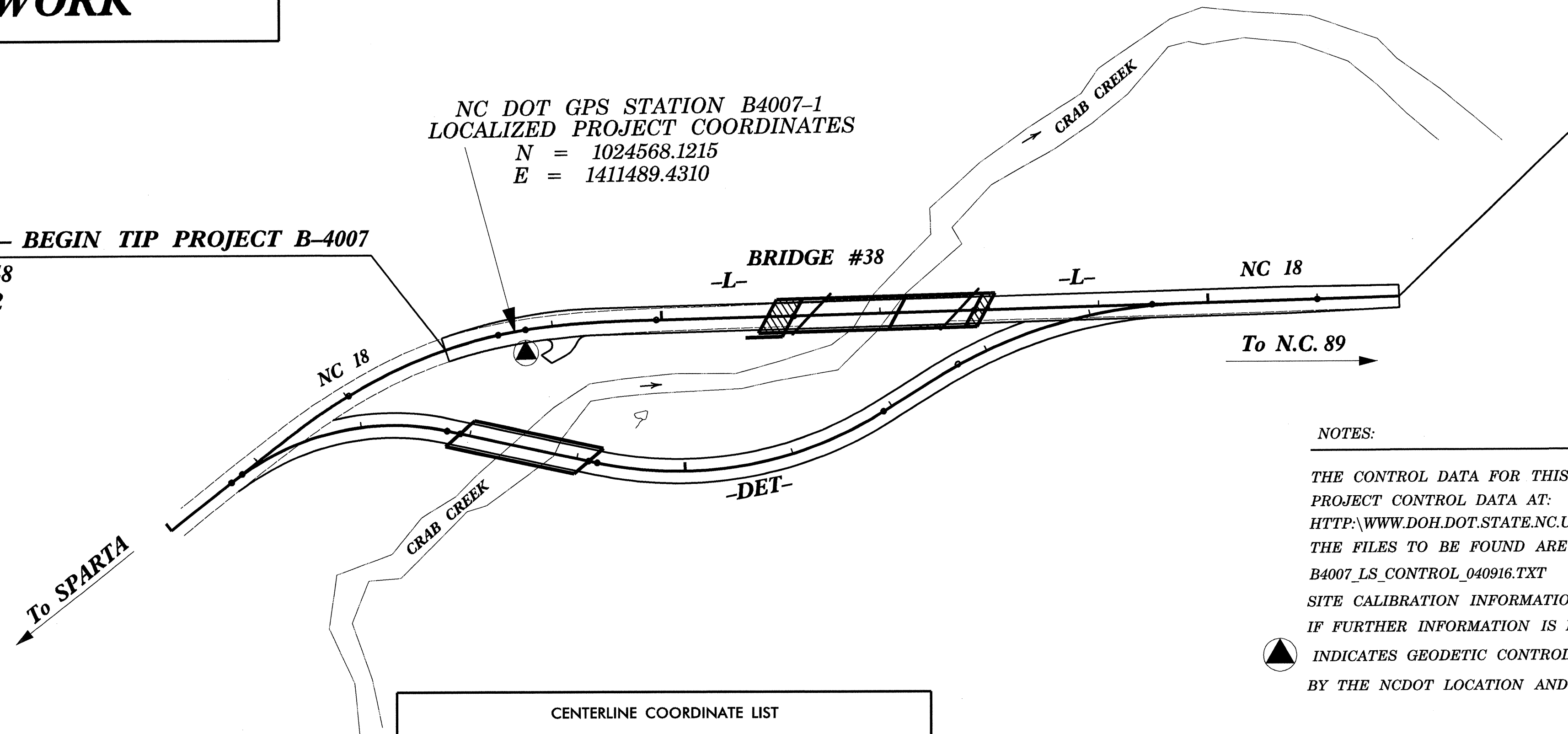


STA. 13+00.00 -L- BEGIN TIP PROJECT B-4007
 N = 1024513.5848
 E = 1411440.4872

**NC DOT GPS STATION B4007-1
 LOCALIZED PROJECT COORDINATES**
 N = 1024568.1215
 E = 1411489.4310

STA. 21+75.00 -L- END TIP PROJECT B-4007
 N = 1025208.2053
 E = 1411969.5941

**NC DOT GPS STATION B4007-2
 LOCALIZED PROJECT COORDINATES**
 N = 1025314.1994
 E = 1412031.4345



NOTES:

THE CONTROL DATA FOR THIS PROJECT CAN BE FOUND ELECTRONICALLY BY SELECTING PROJECT CONTROL DATA AT:
[HTTP://WWW.DOH.DOT.STATE.NC.US/PRECONSTRUCT/HIGHWAY/LOCATION/PROJECT](http://www.doh.dot.state.nc.us/preconstruct/highway/location/project)
 THE FILES TO BE FOUND ARE AS FOLLOWS
 B4007_LS_CONTROL_040916.TXT
 SITE CALIBRATION INFORMATION HAS NOT BEEN PROVIDED FOR THIS PROJECT.
 IF FURTHER INFORMATION IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
 (Symbol) INDICATES GEODETIC CONTROL MONUMENTS USED OR SET FOR HORIZONTAL PROJECT CONTROL BY THE NCDOT LOCATION AND SURVEYS UNIT.

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "B4007-1" WITH STATE PLANE GRID COORDINATES OF NORTHING: 1024568.1215(ft) EASTING: 1411489.4310(ft) THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 1.00001810 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B4007-1" TO -L- STATION 13+00.00 IS S 41°54'23" W 73.28' ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NGVD 29

CENTERLINE COORDINATE LIST				
Point #	Chain	Station	Northing(Y)	Easting(X)
1	L	10+00.00	1024217.9893	1411401.8933
2	L	11+00.00	1024317.9249	1411405.4806
3	L	12+00.00	1024417.5093	1411413.4060
4	L	13+00.00	1024513.5848	1411440.4873
5	L	14+00.00	1024601.9816	1411486.8542
6	L	15+00.00	1024681.1693	1411547.8619
7	L	16+00.00	1024759.2487	1411610.3408
8	L	17+00.00	1024837.3281	1411672.8196
9	L	18+00.00	1024915.4075	1411735.2985
10	L	19+00.00	1024993.4869	1411797.7773
11	L	20+00.00	1025071.5663	1411860.2562
12	L	21+00.00	1025149.6457	1411922.7350
13	L	22+00.00	1025227.7251	1411985.2139
14	L	22+50.00	1025266.7647	1412016.4532
15	L	22+50.00	1025266.7647	1412016.4532

CENTERLINE COORDINATE LIST				
Point #	Chain	Station	Northing(Y)	Easting(X)
16	DET	11+00.00	1024317.4723	1411407.3478
17	DET	12+00.00	1024409.9895	1411443.3366
18	DET	13+00.00	1024480.6175	1411513.2991
19	DET	14+00.00	1024541.8920	1411592.3272
20	DET	15+00.00	1024609.9560	1411665.2187
21	DET	16+00.00	1024695.1705	1411716.9262
22	DET	17+00.00	1024791.3215	1411743.2469
23	DET	18+00.00	1024889.4856	1411761.8674
24	DET	19+00.00	1024982.0986	1411799.0853
25	DET	19+87.57	1025055.1621	1411847.1301
26	DET	19+87.57	1025055.1621	1411847.1301

Disclaimer: This coordinate list is provided for the convenience of interested contractors and is intended for use during the project bidding process only. Coordinates are localized to this particular project and any conversion to state grid coordinates or other formats will be the responsibility of the recipient. While every effort has been made to provide up-to-date, accurate information, NCDOT makes no express guarantee as to the validity or potential for revision of this information prior to project letting.