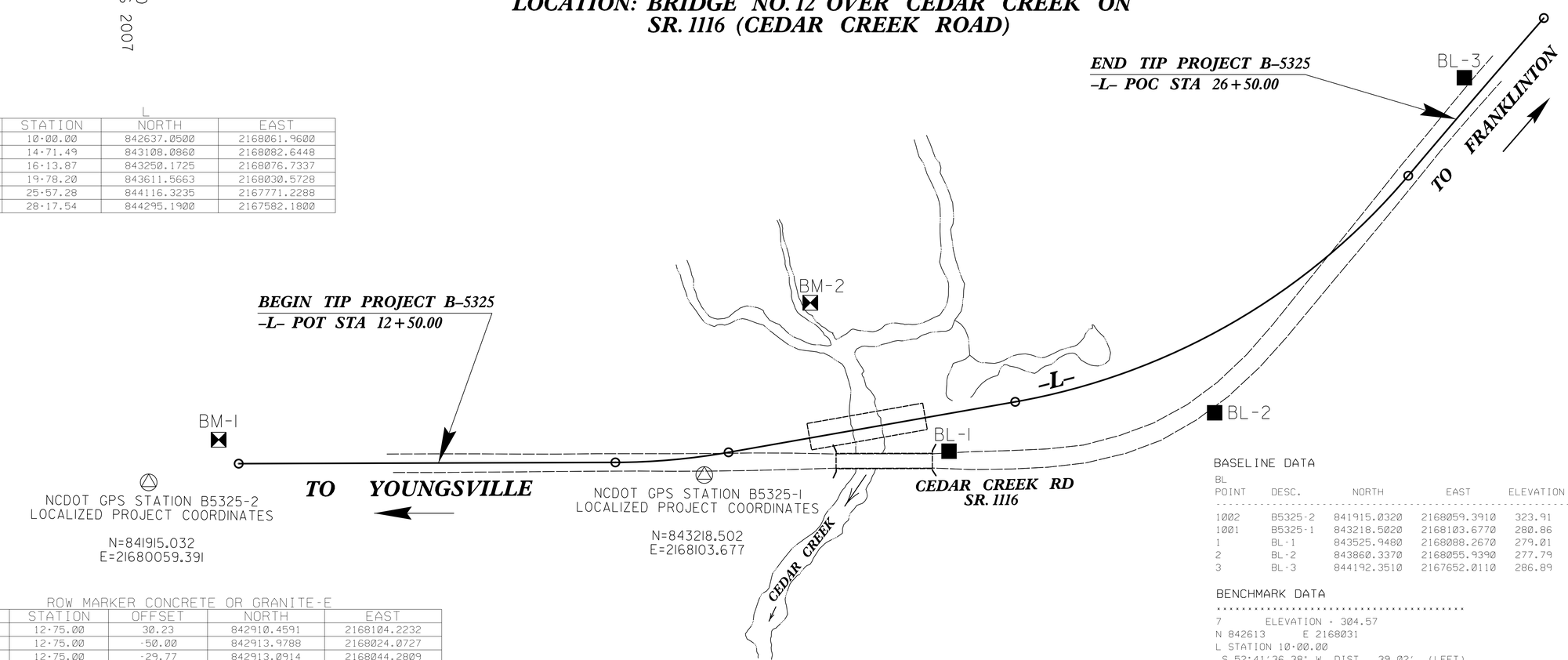
PROJECT REFERENCE NO.	SHEET NO.
B-5325	1C-1
Location and Surveys	
FINAL	

SURVEY CONTROL SHEET B-5325
FRANKLIN COUNTY

LOCATION: BRIDGE NO. 12 OVER CEDAR CREEK ON SR. 1116 (CEDAR CREEK ROAD)

NC GRID
NAD 83/NSRS 2007



L

TYPE	STATION	NORTH	EAST
POT	10+00.00	842637.0500	2168061.9600
PC	14+71.49	843108.0860	2168082.6448
PT	16+13.87	843250.1725	2168076.7337
PC	19+78.20	843611.5663	2168030.5728
PRC	25+57.28	844116.3235	2167771.2288
PT	28+17.54	844295.1900	2167582.1800

BASELINE DATA

BL POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
1002	B5325-2	841915.0320	2168059.3910	323.91	OUTSIDE PROJECT LIMITS	
1001	B5325-1	843218.5020	2168103.6770	280.86	15+79.99	23.42 RT
1	BL-1	843525.9480	2168088.2670	279.01	18+85.96	46.38 RT
2	BL-2	843860.3370	2168055.9390	277.79	22+00.78	89.42 RT
3	BL-3	844192.3510	2167652.0110	286.89	26+96.11	26.12 LT

BENCHMARK DATA

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*************************************
7       ELEVATION = 304.57
N 842613      E 2168031
L STATION 10+00.00
 S 52°41'36.38" W  DIST   39.02'  (LEFT)
BM1       NAIL IN 18" OAK
*************************************
*************************************
6       ELEVATION = 270.07
N 843361      E 2167895
L STATION 17+47.00 DIST 166' ( LEFT)
BM2       NAIL IN 22" OAK
*************************************
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ROW MARKER CONCRETE OR GRANITE-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	12+75.00	30.23	842910.4591	2168104.2232
L	12+75.00	-50.00	842913.9788	2168024.0727
L	12+75.00	-29.77	842913.0914	2168044.2809
L	12+75.00	60.00	842909.1530	2168133.9668
L	14+71.49	-50.00	843110.2796	2168032.6929
L	14+71.49	60.00	843105.4538	2168142.5870
L	15+81.00	65.33	843223.2052	2168145.3336
L	16+08.23	102.45	843256.8702	2168179.1379
L	16+13.87	-50.00	843243.8374	2168027.1366
L	16+94.75	56.33	843337.5318	2168122.3632
L	18+68.17	85.99	843513.3155	2168129.8110
L	19+78.20	-50.00	843605.2313	2167980.9757
L	19+82.49	105.09	843629.6691	2168134.1918
L	21+13.20	114.32	843776.0993	2168112.2919
L	22+87.71	78.76	843942.0248	2168005.0419
L	24+79.00	35.85	844084.2931	2167852.7491
L	24+85.00	-50.00	844031.3513	2167784.9070
L	25+09.61	-40.88	844054.5900	2167775.7200
L	25+33.45	-40.32	844071.1200	2167760.1770
L	25+57.28	-40.00	844087.0174	2167744.0047
L	25+57.28	40.00	844145.6295	2167798.4530
L	26+25.00	-40.00	844133.3575	2167694.3582
L	26+25.00	-30.24	844140.4780	2167701.0364
L	26+25.00	29.78	844184.2561	2167742.0942
L	26+25.00	40.00	844191.7099	2167749.0848

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	16+47.48	-50.00	843277.4716	2168022.8405
L	16+53.46	-61.81	843281.6080	2168010.4108
L	16+91.45	-67.70	843318.5470	2167999.7501
L	17+10.66	-58.69	843338.7438	2168006.2536
L	17+12.01	-50.00	843341.1818	2168014.7028
L	18+52.82	-50.00	843480.8592	2167996.8618
L	18+52.82	-56.45	843480.0419	2167990.4638
L	18+87.67	-50.00	843515.4283	2167992.4463
L	18+87.67	-56.24	843514.6377	2167986.2566

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "B5325-2"
WITH NAD 83/NSRS 2007 STATE PLANE GRID COORDINATES OF
NORTHING: 841915.03(ft) EASTING: 2168059.39(ft)
ELEVATION: 323.91(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99996361
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B5325-2" TO -L- STATION 12+50.00 IS
N 00°47'53" E 971.87'
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

NOTE: DRAWING NOT TO SCALE

NOTES:

1. *THE CONTROL DATA FOR THIS PROJECT CAN BE FOUND ELECTRONICALLY BY SELECTING PROJECT CONTROL DATA AT:*
   HTTPS://CONNECT.NCDOT.GOV/RESOURCES/LOCATION/PAGES

   THE FILES TO BE FOUND ARE AS FOLLOWS:
   B5325_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.

03/22/13
11-SEP-2014 10:36
R:\Roadway\Proj\B5325_ls_lc.dgn
$$$$USERNAME$$$$