PROJECT REFERENCE NO.	SHEET NO.
W-5107	IC-5
Location and Surveys	

SURVEY CONTROL SHEET W-5107

L

TYPE	STATION	NORTH	EAST
PC	10+00.00	636030.1801	2215342.8834
CS	30+18.76	634754.6878	2216894.1804
ST	32+18.76	634658.7457	2217069.6627
POT	64+63.00	633119.0126	2219925.2448
TS	86+82.33	632080.5537	2221886.6226
SC	88+82.33	631988.2722	2222064.0554
CS	109+48.88	631506.4690	2224055.3675
ST	111+48.88	631507.4313	2224255.3608
PC	123+26.12	631521.7357	2225432.5124
PT	133+78.43	631387.2187	2226472.6903
POT	139+93.20	631223.6176	2227065.2852

L1

TYPE	STATION	NORTH	EAST
PC	10+00.00	638534.3285	2214101.8591
PT	22+37.21	637362.8683	2214492.2812

Y1

TYPE	STATION	NORTH	EAST
POT	10+00.00	634670.6181	2215289.3454
TS	19+50.00	634513.5797	2216226.2760
SC	22+00.00	634480.8531	2216474.0031
CS	24+45.34	634490.7270	2216718.7190
ST	26+95.34	634543.3056	2216963.0042
TS	33+30.34	634698.3878	2217578.7757
SC	35+80.34	634753.0960	2217822.6468
CS	38+07.47	634775.2136	2218048.5021
ST	40+57.47	634768.8550	2218298.3533
POT	44+10.39	634750.6928	2218650.8090

Y1LPA

TYPE	STATION	NORTH	EAST
TS	10+00.00	634479.1589	2217501.7534
SC	12+00.00	634423.5437	2217690.2702
PT	14+63.90	634615.3871	2217825.9685
POT	16+00.13	634748.6526	2217797.6974

Y1LPC

TYPE	STATION	NORTH	EAST
CS	10+00.00	634743.7238	2216818.4028
SRS	12+00.00	634845.5212	2216646.2510
SC	14+00.00	634909.6108	2216460.4443
PT	16+22.87	634764.9923	2216314.7482
POT	18+86.01	634502.9855	2216290.4067

Y1RPA

TYPE	STATION	NORTH	EAST
POT	10+00.00	633995.1753	2218394.7117
TS	11+81.56	634092.9673	2218241.7350
SC	13+81.56	634208.4826	2218078.6898
PT	18+36.64	634593.3184	2217851.0852
POT	19+99.05	634752.1908	2217817.3818

Y1RPC

TYPE	STATION	NORTH	EAST
CS	10+00.00	635495.2936	2215793.4489
SRS	12+00.00	635361.7126	2215942.2946
SC	14+00.00	635222.9711	2216086.1531
PT	20+50.24	634621.3600	2216281.3649
POT	21+65.91	634506.1909	2216270.6652

Y1RPD

TYPE	STATION	NORTH	EAST
TS	10+00.00	634217.1798	2217789.5589
SC	12+50.00	634329.6391	2217566.3676
CS	17+73.92	634451.7924	2217059.6186
ST	20+23.92	634453.3774	2216809.7008
POT	22+59.07	634448.3376	2216574.6074

Y2

TYPE	STATION	NORTH	EAST
POT	10+00.00	635286.4764	2217772.5930
PC	11+93.82	635092.7696	2217766.0877
PT	13+63.64	634924.0088	2217780.9322
POT	15+39.29	634752.1908	2217817.3818

Y3

TYPE	STATION	NORTH	EAST
POT	10+00.00	633904.8290	2216208.6140
PC	10+77.44	633979.5463	2216228.9657
PT	13+71.99	634270.5043	2216269.3351
POT	16+07.47	634505.9757	2216271.6431

Y6

TYPE	STATION	NORTH	EAST
POT	10+00.00	630210.6598	2224303.1778
PC	11+10.63	630317.2047	2224332.9732
PT	12+03.35	630406.2617	2224358.7706
PC	26+33.74	631776.4155	2224769.4757
PT	31+90.11	632323.2221	2224864.9441
POT	34+59.28	632591.9852	2224879.5988

Y6LPB

TYPE	STATION	NORTH	EAST
PC	10+00.00	631546.7457	2224281.0027
PCC	11+93.46	631667.3287	2224154.5616
PT	19+02.80	632075.8500	2224620.9151
POT	21+17.09	632040.1700	2224832.2102

Y6LPBA

TYPE	STATION	NORTH	EAST
PC	10+00.00	631545.9046	2224023.2830
PT	12+00.98	631673.3787	2224150.3931

SR1

TYPE	STATION	NORTH	EAST
POT	10+00.00	634317.1822	2216269.7927
PC	11+24.04	634323.1452	2216393.6914
PRC	12+23.38	634338.7904	2216491.5898
PT	13+57.81	634349.0425	2216624.7990
PC	15+88.36	634322.5355	2216853.8184
PT	17+37.29	634281.4640	2216996.2688
POT	18+64.52	634226.5615	2217111.0404

SR2

TYPE	STATION	NORTH	EAST
POT	10+00.00	632275.2103	2224861.8330
PC	10+23.69	632277.1045	2224838.2211
PT	11+13.42	632259.7757	2224751.3469
PC	12+75.96	632185.6077	2224606.7099
PRC	14+11.89	632143.1934	2224478.1418
PRC	19+99.29	631752.3818	2224091.7219
PCC	22+17.58	631625.2223	2223937.9569
PT	27+77.36	631681.0201	2223381.3429

SR3

TYPE	STATION	NORTH	EAST
POT	10+00.00	630872.4177	2224498.5014
PC	10+35.39	630862.2567	2224532.3995
PT	11+86.21	630843.7420	2224681.3657

SR4

TYPE	STATION	NORTH	EAST
POT	10+00.00	630843.6084	2224645.1703
PC	11+13.70	630956.0424	2224662.1229
PT	12+16.94	631056.0818	2224686.9755
POT	12+80.21	631115.7936	2224707.9195

Y6LPC

TYPE	STATION	NORTH	EAST
PC	10+00.00	631468.4477	2224256.9523
PCC	11+61.28	631388.1803	2224125.9634
PT	17+34.26	630925.8021	2224320.4051
POT	19+20.18	630872.4177	2224498.5014

Y6LPCA

TYPE	STATION	NORTH	EAST
PC	10+00.00	631468.9351	2223975.8705
PT	12+22.66	631314.5582	2224093.9658

DW1

TYPE	STATION	NORTH	EAST
POT	10+00.00	634827.4218	2217557.1273
PC	10+41.25	634825.8372	2217598.3497
PT	11+13.67	634855.7747	2217661.2253
PC	11+70.96	634901.6030	2217695.6049
PT	12+26.28	634930.2511	2217741.4608
POT	12+63.73	634937.3121	2217778.2445

DW2

TYPE	STATION	NORTH	EAST
POT	10+00.00	634603.1732	2218077.3743
PC	10+13.51	634613.6088	2218068.7901
PT	10+40.09	634638.2680	2218068.2014
PC	11+44.16	634721.6992	2218130.3995
PT	11+63.35	634739.6013	2218136.3477
POT	11+99.17	634775.4240	2218136.3818

DW3

TYPE	STATION	NORTH	EAST
POT	10+00.00	630843.6084	2224645.1703
POT	10+86.71	630757.8710	2224632.2429

DW5

TYPE	STATION	NORTH	EAST
POT	10+00.00	632220.7299	2224857.1042
POT	10+97.31	632187.1242	2224948.4259

DW6

TYPE	STATION	NORTH	EAST
POT	10+00.00	632192.3264	2224934.2891
PC	10+08.49	632184.6634	2224930.6403
PT	10+17.94	632175.5731	2224928.2671
PC	10+76.61	632117.0296	2224924.3773
PT	10+97.59	632096.0694	2224924.3222
POT	11+21.33	632072.3816	2224925.9187

DW7

TYPE	STATION	NORTH	EAST
PC	10+00.00	630843.7420	2224681.3657
PT	10+85.20	630855.4946	2224765.6238
POT	12+18.79	630886.3733	2224895.5948

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCGS FOR MONUMENT "GPS W5107"
WITH NAD 83/95 STATE PLANE GRID COORDINATES OF
NORTHING: 635986.295(ft) EASTING: 2215284.671(ft)
ELEVATION: 165.68(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99987889
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "GPS W5107-1" TO -L- STATION 10+00.00 IS
N52°59'17"E 72.90
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

NOTES:

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

THE FILES TO BE FOUND ARE AS FOLLOWS:
W5107_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.

6/2/99
11/24/2014
R:\Roadway\Proj\w5107_ls_IC-5.dgn
ARCADIS-BMI
$$USERNAME$$