

# SURVEY CONTROL SHEET R-2514B

## FINAL DESIGN ALIGNMENTS

FINAL L

TYPE	STATION	NORTH	EAST
POT	10+00.00	408935.1154	2520683.0822
TS	40+11.41	410904.4360	2522961.3222
SC	42+11.41	411036.4791	2523111.5300
CS	67+30.21	413188.6776	2524338.5139
ST	69+30.21	413385.1991	2524375.6232
PC	97+89.02	416198.6932	2524882.6534
PT	121+13.17	418416.3731	2525559.7705
PC	149+26.69	420991.7861	2526692.5412
PT	210+02.67	426875.1222	2528065.0375
TS	220+23.79	427895.2596	2528109.9522
SC	222+63.79	428134.6416	2528126.3489
CS	228+44.42	428687.4258	2528293.8330
ST	230+84.42	428895.6537	2528413.0544
POT	232+00.57	428995.0184	2528473.2100

FINAL Y1

TYPE	STATION	NORTH	EAST
POT	10+00.00	412377.9173	2524078.8797
PC	10+17.20	412370.9301	2524094.5929
PT	16+67.64	412461.3196	2524704.2447
POT	20+59.89	412717.8332	2525000.9965

FINAL Y1A

TYPE	STATION	NORTH	EAST
POT	10+00.00	412329.8336	2524426.7591
PC	10+39.01	412291.3961	2524433.4450
PT	11+42.04	412198.6056	2524400.3195
POT	18+46.89	411737.6643	2523867.0719

FINAL Y2

TYPE	STATION	NORTH	EAST
POT	10+00.00	418373.1884	2524288.4408
PC	15+08.05	418248.6290	2524700.9856
PRC	24+48.67	417824.8157	2525531.9162
PT	28+13.53	417612.2217	2525828.0518
PC	32+25.00	417397.2740	2526178.9070
PT	34+30.32	417297.6299	2526358.3562
POT	34+79.79	417275.4859	2526402.5931

FINAL Y2A

TYPE	STATION	NORTH	EAST
POT	10+00.00	418252.7220	2524684.8007
PC	10+18.40	418234.8789	2524680.2884
PT	11+56.52	418119.7738	2524734.8829
PC	14+84.49	417980.8679	2525031.9833
PT	17+32.77	417773.0866	2525125.7910
PC	32+69.25	416298.7108	2524693.3607
PRC	34+08.76	416161.0069	2524692.4964
PT	35+21.22	416049.6214	2524697.8275
POT	45+58.91	415028.1576	2524515.0193

FINAL Y2B

TYPE	STATION	NORTH	EAST
POT	10+00.00	418193.1352	2524884.6680
PC	10+37.19	418228.2033	2524897.0401
PT	10+79.12	418247.8089	2524930.2935
POT	12+86.49	418213.5062	2525134.8099

FINAL Y2C

TYPE	STATION	NORTH	EAST
POT	10+00.00	417630.0570	2525799.3762
POT	13+51.72	417388.6661	2525543.5702

FINAL Y2D

TYPE	STATION	NORTH	EAST
POT	10+00.00	417639.5476	2525784.4615
PC	10+16.54	417653.6107	2525793.1662
PT	11+56.81	417776.9202	2525764.9400
PC	12+95.21	417851.1948	2525648.1591
PT	15+42.87	418068.7614	2525581.6433
PC	29+79.15	419385.4822	2526155.3565
PT	30+22.73	419419.7529	2526181.5704
POT	30+62.71	419444.7628	2526212.7673

FINAL Y2E

TYPE	STATION	NORTH	EAST
POT	10+00.00	418252.7220	2524684.8007
PC	10+28.15	418280.0154	2524691.7029
PT	10+79.13	418321.6339	2524719.4224
PC	13+70.31	418496.3058	2524952.3874
PT	14+27.14	418510.8090	2525005.9420
POT	14+86.24	418504.0610	2525064.6577

FINAL Y3

TYPE	STATION	NORTH	EAST
POT	10+00.00	428060.5972	2527466.6869
PC	16+13.09	427670.4087	2527939.5817
PT	24+25.69	427104.6938	2528521.6822
POT	28+37.14	426794.9384	2528792.4897

FINAL Y3A

TYPE	STATION	NORTH	EAST
POT	10+00.00	427835.9989	2527738.8922
PC	10+27.09	427815.2300	2527721.4960
PT	10+88.66	427759.1682	2527698.4895
PC	16+78.38	427171.4090	2527650.4289
PT	20+04.35	426860.6941	2527727.9115
PC	21+99.30	426696.6044	2527833.1704
PCC	24+22.92	426483.6547	2527887.7505
PT	40+35.30	424883.1749	2527697.7515

FINAL Y3B

TYPE	STATION	NORTH	EAST
POT	10+00.00	427123.9929	2528504.7220
PC	12+36.23	426988.6414	2528311.1179
PT	13+08.14	426927.3104	2528279.0911
POT	13+94.13	426841.3168	2528278.9342

FINAL Y3C

TYPE	STATION	NORTH	EAST
POT	10+00.00	427123.9929	2528504.7220
PC	10+42.03	427151.8236	2528536.2189
PT	11+10.10	427213.8898	2528546.6428
PC	11+98.58	427290.9163	2528503.1185
PT	12+65.95	427345.3761	2528463.6923
PC	15+00.44	427518.7134	2528305.7656
PT	16+38.61	427645.4271	2528260.3502
POT	18+70.90	427877.4196	2528272.1028

FINAL Y3D

TYPE	STATION	NORTH	EAST
POT	10+00.00	427835.9989	2527738.8922
PC	10+55.00	427878.4222	2527773.8959
PT	11+02.12	427882.4693	2527816.1288
PC	11+36.26	427860.7436	2527842.4596
PT	12+39.27	427889.3583	2527923.2808
PC	16+20.04	428262.5021	2527999.0675
PRC	22+38.71	428840.2811	2528213.2838
PT	23+74.52	428971.1628	2528219.5417
POT	24+11.45	429004.9720	2528204.6795

FINAL Y3E

TYPE	STATION	NORTH	EAST
POT	10+00.00	427031.8929	2527658.6177
PC	10+43.38	427040.4627	2527701.1470
PT	11+97.31	427147.4049	2527796.9654
POT	13+65.93	427315.3496	2527811.9909

### DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "R2514-9"

WITH NAD 83/NSRS 2007 STATE PLANE GRID COORDINATES OF NORTHING: 451335.4480 (ft) EASTING: 2526812.771 (ft) ELEVATION: 38.950 (ft)

THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999887960

THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "GPS R2514-9" TO -L- STATION 12+00.00 IS S08°03'00.79"W 42,690.224'

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

NOTE: DRAWING NOT TO SCALE