PROJECT REFERENCE NO.	SHEET NO.
R-2519B	1C-7
Location and Surveys	

SURVEY CONTROL SHEET R-2519B
(ROW MARKERS)
(FINAL)

ROW MARKER CONCRETE OR GRANITE-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	16+27.82	115.00	801753.6754	1046085.5756
L	17+00.00	115.00	801725.7851	1046145.3169
L	17+50.00	84.33	801731.4797	1046200.5180
L	17+86.04	85.53	801713.8110	1046229.2843
L	18+15.79	86.76	801698.4554	1046252.5226
L	18+45.79	88.14	801682.3499	1046275.5006
L	18+76.07	89.57	801665.5528	1046298.2675
L	19+06.61	90.97	801648.1348	1046320.8571
L	19+37.22	92.29	801630.1654	1046343.3090
L	19+67.87	93.48	801611.7130	1046365.6679
L	19+98.57	94.53	801592.8455	1046387.9827
L	20+29.30	95.42	801573.6304	1046410.3064
L	20+52.24	-95.42	801706.0124	1046549.6590
L	20+60.05	96.12	801554.1353	1046432.6949
L	20+86.11	96.54	801537.4526	1046451.7545
L	21+89.75	-115.00	801629.4898	1046668.4274
L	22+82.00	-134.00	801582.9984	1046750.3385
L	25+16.16	-100.00	801403.1300	1046904.0797
L	25+26.24	97.00	801248.2888	1046781.8695
L	25+71.73	97.05	801218.0042	1046816.5356
L	26+15.00	-100.00	801339.6733	1046977.4223
L	26+21.27	97.19	801184.7779	1046855.2328
L	26+55.40	-116.20	801327.6147	1047017.3381
L	26+70.62	97.41	801151.8068	1046895.0730
L	27+05.70	-202.89	801367.6630	1047106.5265
L	27+19.79	97.70	801119.5114	1046936.3670
L	27+68.78	98.03	801088.3537	1046979.4040
L	28+16.16	-165.00	801284.3665	1047160.4964
L	28+17.14	98.38	801059.1091	1047024.0091
L	28+53.00	98.63	801038.8295	1047058.3324
L	29+02.00	110.00	801003.4747	1047101.7195
L	29+50.00	-180.00	801248.7213	1047263.0123
L	29+80.00	110.00	800968.7454	1047182.2732
L	31+00.00	99.88	800939.4412	1047313.6293
L	32+00.00	-234.00	801252.4268	1047460.8847
L	34+61.13	100.16	800930.7075	1047712.8900
L	34+72.22	-195.00	801222.5231	1047667.3694
L	34+98.98	100.11	800939.3220	1047754.0161
L	35+47.67	100.12	800952.4541	1047805.6539
L	35+65.25	100.16	800957.6562	1047823.9502
L	35+65.30	75.16	800981.6571	1047816.9534
L	35+96.63	75.26	800991.2422	1047848.5635
L	36+00.00	-65.00	801125.8596	1047809.0281
L	36+45.75	75.55	801007.2514	1047897.2406
L	36+95.08	76.02	801024.0811	1047945.1395
L	37+50.88	76.76	801043.4261	1047998.3330
L	37+72.22	-65.00	801183.4239	1047967.4424
L	38+42.55	78.25	801074.9558	1048084.4918
L	38+43.91	103.27	801052.0855	1048094.7424
L	40+00.00	-65.00	801265.1676	1048180.0451
L	40+57.69	-80.00	801299.8733	1048228.5122
L	40+65.36	106.87	801128.1975	1048302.7283
L	40+94.19	107.33	801138.0210	1048329.6065
L	41+44.59	108.06	801154.7816	1048376.0723
L	41+95.29	108.71	801170.8089	1048422.2013
L	42+46.31	109.25	801185.7696	1048468.0959
L	42+50.00	-85.00	801371.7651	1048411.9372
L	42+85.00	109.72	801196.0134	1048502.6320
L	42+85.00	130.00	801176.5768	1048508.4063
L	43+25.00	-103.52	801412.0992	1048483.3939
L	45+84.00	111.12	801237.6658	1048768.4433
L	46+11.03	111.40	801237.6997	1048792.7377
L	46+58.90	111.91	801236.2730	1048835.7245
L	46+75.00	-110.00	801457.0799	1048862.9809
L	47+15.00	112.22	801232.5027	1048885.9663
L	47+64.44	111.91	801227.6522	1048930.1001
L	47+67.95	-120.00	801456.7742	1048966.0974
L	48+17.63	110.63	801221.1310	1048977.8929
L	48+70.29	108.34	801213.5799	1049026.1032
L	49+22.44	105.08	801205.3442	1049074.7716
L	49+55.46	102.50	801199.8951	1049106.0873
L	49+68.00	-116.00	801407.7234	1049174.7089

ROW MARKER CONCRETE OR GRANITE-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	50+67.94	-100.00	801364.8706	1049268.2234
L	50+67.95	-80.00	801345.6393	1049262.7266
L	51+50.00	-90.00	801333.1141	1049343.6995
L	51+97.82	78.42	801158.0460	1049345.8715
L	52+00.00	-82.12	801312.7576	1049388.7994
L	52+72.22	73.02	801144.8180	1049421.6644
L	53+01.30	-80.23	801288.1377	1049483.1898
L	53+18.33	71.00	801136.6191	1049468.9966
L	53+22.47	-79.19	801283.0430	1049502.6966
L	53+65.32	-80.02	801276.4855	1049542.6588
L	53+66.87	69.97	801128.3272	1049519.2259
L	54+15.84	69.93	801120.7634	1049570.2013
L	54+16.89	-80.07	801269.3701	1049590.5984
L	54+65.38	70.52	801114.3811	1049621.9669
L	54+67.78	-79.46	801263.5134	1049638.0775
L	55+00.00	-79.12	801260.7962	1049668.2597
L	55+00.00	-110.00	801291.6078	1049670.3131
L	55+15.48	71.37	801109.6526	1049674.5361
L	55+68.45	72.06	801107.0107	1049730.2935
L	57+60.00	87.00	801103.6704	1049933.6450
L	57+60.00	69.19	801121.3312	1049931.3551
L	58+59.20	120.00	801088.8368	1050044.5277
L	58+59.20	-110.00	801314.0894	1049998.0382
L	59+44.57	-89.43	801312.4884	1050080.4581
L	59+60.00	90.00	801143.2183	1050141.9393
L	59+65.50	-90.26	801318.4991	1050099.5208
L	60+16.47	-92.00	801333.7504	1050146.1357
L	60+22.87	-92.19	801335.7113	1050152.0061
L	61+00.00	-140.00	801403.7621	1050209.2734
L	62+90.00	-140.00	801462.5919	1050389.2893
L	63+00.00	100.00	801237.6093	1050473.4486
L	63+75.56	-170.00	801517.7183	1050461.2726
L	64+50.00	190.00	801198.4080	1050643.3180
L	64+75.00	-125.00	801505.9320	1050570.6896
L	66+25.56	165.00	801271.4191	1050797.1367
L	66+25.56	-230.00	801651.9321	1050691.1422
L	66+66.00	134.73	801310.6384	1050826.1701
L	67+80.00	-320.00	801780.2159	1050833.9594
L	68+00.00	135.00	801339.8620	1050950.3106
L	68+76.00	110.00	801378.5205	1051016.7315
L	70+25.00	85.00	801425.4967	1051154.9150
L	70+75.48	-95.79	801611.0313	1051183.4852
L	72+00.00	85.00	801442.0568	1051323.7648
L	74+01.91	75.92	801457.1004	1051519.4662
L	75+00.00	160.00	801370.8813	1051611.4477
L	75+86.72	-98.16	801623.7928	1051711.5483
L	75+86.81	-73.16	801598.8504	1051709.8532
L	77+75.18	-98.83	801603.9721	1051905.5911
L	77+75.26	-73.83	801579.2020	1051902.2082
L	77+95.00	-98.90	801601.1226	1051925.9144
L	78+60.00	-125.00	801616.2898	1051996.7701
L	79+15.00	-125.00	801606.0590	1052053.3063
L	79+15.00	-160.00	801640.4367	1052059.8767
L	79+50.00	-160.00	801633.2687	1052096.1544
L	79+50.00	-99.36	801573.8520	1052084.0353
L	79+80.18	-99.42	801567.5427	1052114.5150
L	81+86.56	190.00	801238.5612	1052249.2258
L	82+62.58	-100.32	801502.3192	1052392.3903
L	82+70.00	160.00	801247.7634	1052337.4133
L	82+70.00	190.00	801218.6317	1052330.2476
L	84+60.00	145.00	801216.9464	1052525.4966
L	84+60.00	160.00	801202.3806	1052521.9138
L	88+21.58	-94.52	801363.1662	1052933.8214
L	89+40.00	145.00	801102.2952	1052991.6029
L	89+63.22	180.00	801062.7613	1053005.7938
L	91+15.00	-93.99	801289.3566	1053220.9969
L	91+15.00	-110.00	801304.7647	1053225.3307
L	91+50.00	270.00	800929.9180	1053154.1223
L	92+50.00	230.00	800940.9333	1053256.2042
L	93+00.00	225.00	800931.2448	1053303.0010
L	93+50.00	235.00	800906.8176	1053344.9479
L	95+25.00	200.00	800883.4862	1053513.6910

ROW MARKER CONCRETE OR GRANITE-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	95+25.00	188.00	800894.7028	1053517.9555
L	96+50.00	170.00	800867.2244	1053636.2797
L	97+50.00	100.00	800893.7383	1053752.9747
L	99+00.00	100.00	800832.7657	1053886.4393
L	99+15.00	-130.00	801033.7227	1053999.3225
L	99+15.00	-95.84	801002.9377	1053984.5239
L	99+80.00	-130.00	801004.3409	1054059.3543
L	100+38.53	100.00	800772.6168	1054007.8748
L	100+50.00	-160.00	800998.5946	1054136.9699
L	100+80.00	-125.00	800953.7497	1054147.6441
L	100+85.00	-96.11	800925.7712	1054138.8796
L	109+00.00	-97.71	800554.4943	1054864.4008
L	109+50.00	100.00	800355.8072	1054818.4568
L	110+18.47	-98.08	800500.6546	1054969.9276
L	111+60.00	206.00	800165.5078	1054956.7397
L	113+00.00	140.00	800160.1813	1055111.4253
L	116+50.00	140.00	800000.1281	1055422.6856
L	116+50.00	160.00	799982.3418	1055413.5397
L	119+10.00	160.00	799863.4451	1055644.7616
L	119+10.00	140.00	799881.2314	1055653.9075
L	120+65.00	-150.00	800068.2521	1055924.3669
L	120+65.00	-99.04	800022.9345	1055901.0641
L	124+40.00	150.00	799629.9719	1056120.6716
L	125+50.00	-170.00	799864.2503	1056364.8306
L	125+50.00	-150.00	799846.4640	1056355.6847
L	126+95.00	150.00	799513.3617	1056347.4469
L	127+40.00	100.00	799537.2492	1056410.3308
L	127+50.00	-170.00	799772.7913	1056542.6936
L	127+50.00	-99.83	799710.3865	1056510.6044
L	129+00.00	100.00	799464.0820	1056552.6212
L	130+00.00	170.00	799356.1005	1056609.5421
L	131+00.00	170.00	799310.3710	1056698.4736
L	134+24.63	-100.60	799402.5691	1057110.9187
L	134+50.00	280.00	799052.4931	1056959.4314
L	135+25.00	115.00	799164.9329	1057101.5837
L	136+51.13	80.00	799138.3853	1057230.9048
L	136+75.00	-80.81	799271.9275	1057323.6222
L	137+60.00	80.00	799090.1394	1057331.3631
L	139+05.00	105.00	799008.5880	1057461.2922
L	139+08.00	-88.00	799188.1152	1057532.2008
L	141+00.00	-90.00	799133.7577	1057707.3565
L	141+00.18	84.37	798965.3670	1057662.0732
L	144+65.00	-90.00	799073.9896	1058050.2784
L	147+00.00	-90.00	799068.9305	1058274.5172
L	147+24.39	107.34	798872.8110	1058307.3374
L	147+45.12	106.83	798874.4811	1058329.1190
L	147+94.76	105.38	798879.6439	1058381.1470
L	148+44.15	103.74	798886.2560	1058432.7262
L	148+93.35	102.10	798894.1034	1058483.8463
L	149+00.00	-65.00	799060.5975	1058468.1628
L	149+00.00	-80.00	799075.4598	1058466.1352
L	149+42.64	100.55	798902.9763	1058534.5118
L	149+92.08	99.10	798912.6700	1058584.7391
L	150+00.00	-60.00	799070.7939	1058565.4213
L	150+41.66	97.73	798922.9841	1058634.5541
L	150+50.00	-100.00	799118.8950	1058606.5290
L	150+50.00	-80.00	799099.2367	1058610.2100
L	150+50.00	-70.00	799089.4075	1058612.0505

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "R2519A-1"
WITH NAD 83 STATE PLANE GRID COORDINATES OF
NORTHING: 803347.2483(ft) EASTING: 1007340.1900(ft)
ELEVATION: 2561.45(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99982200
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "R2519A-1" TO -L- STATION 10+00.00 IS
S 87°53'26" E 38202.00
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NGVD 29

NOTE: DRAWING NOT TO SCALE

6/2/99

17-SEP-2014 09:31
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