PROJECT REFERENCE NO.	SHEET NO.
43936.1.1 & 2016CPT.14.03.20561.1	SC-1

SURVEY CONTROL SHEET

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "BL-1" WITH NAD 83(2011) STATE PLANE COORDINATES OF NORTHING: 579973.3240(FT) EASTING: 598025.9210(FT) THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99979354 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "BL-1" TO -L- STATION 10+00 IS N 35°44'20" E 361.69' ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS BASED ON NCDOT MONUMENT "BL-1" (ELEV = 2535.5150') (NAVD88) GEOIDAL MODEL: G12NC

Point	North	East	Elevation
BL-1	579973.3240	598025.9210	2535.5150
BL-2	580003.5290	598132.1100	2525.0650
BL-3	579928.2260	598156.7760	2529.9000

Point	North	East	Elevation
TBM 1	580214.5230	598052.9260	2482.6600

8" SPIKE SET IN SE SIDE OF COMBO POWER/TELEPHONE/ CABLE POLE +/- 1' ABOVE GROUND LOCATED 100' NORTH EAST OF EXISTING NORTH HEADWALL

Point	North	East	Elevation
TBM 2	580023.5590	598122.6520	2523.9810

8" SPIKE SET IN SW SIDE OF 24" POPLAR TREE +/- 1' ABOVE GROUND LOCATED SOUTH SIDE OF HWY 19, 15.5' SOUTH EAST OF EXISTING ROCK SIGN

-L-

Align	Station	North	East
-L-	10+00.00	580266.058	598236.574
-L-	10+50.00	580224.389	598208.938
-L-	11+00.00	580182.721	598181.302
-L-	11+50.00	580142.428	598151.732
-L-	12+00.00	580105.288	598118.287
-L-	12+50.00	580071.673	598081.302
-L-	13+00.00	580041.918	598041.145
-L-	13+50.00	580016.321	597998.218
-L-	14+00.00	579995.137	597952.951
-L-	14+50.00	579978.578	597905.794
-L-	15+00.00	579966.944	597857.197
-L-	15+50.00	579959.466	597807.760
-L-	16+00.00	579951.987	597758.322
-L-	16+50.00	579943.377	597709.083
-L-	17+00.00	579930.682	597660.736
-L-	17+50.00	579914.008	597613.614
-L-	18+00.00	579893.469	597568.043
-L-	18+50.00	579869.208	597524.340
-L-	19+00.00	579841.393	597482.808
-L-	19+50.00	579810.218	597443.735
-L-	20+00.00	579775.899	597407.393
-L-	20+50.00	579738.674	597374.034
-L-	21+00.00	579698.801	597343.889
-L-	21+50.00	579656.558	597317.167
-L-	22+00.00	579611.852	597294.864
-L-	22+50.00	579566.277	597274.297
-L-	23+00.00	579520.703	597253.731
-L-	23+50.00	579475.128	597233.165
-L-	24+00.00	579429.554	597212.599

-L-

Type	Station	North	East
POT	10+00.00	580266.058	598236.574
PC	11+00.00	580182.7208	598181.3021
PI	13+09.44	580007.8882	598065.9807
PT	14+96.68	579967.4410	597860.4825
PC	16+22.87	579948.5661	597735.7049
PI	19+20.25	579898.2852	597442.6145
PT	21+75.04	579634.6030	597305.1306
POT	24+10.00	579420.4365	597208.4844

ROW Marker

Align	Station	North	East	Offset RT
-L-	10+00.00	580277.1208	598219.8934	20.02
-L-	10+00.00	580293.6937	598194.9055	50.00
-L-	11+00.60	580209.8568	598139.3021	50.00
-L-	12+00.00	580140.6920	598082.7951	50.00
-L-	11+89.68	580166.2360	598069.5491	77.33
-L-	12+39.88	580146.2152	598030.9386	89.30
-L-	12+50.00	580110.4821	598049.4683	50.00
-L-	15+18.13	580013.6392	597831.5896	50.00
-L-	16+09.73	579999.9382	597741.0152	50.00
-L-	16+09.73	579968.8350	597745.7209	18.54

Temporary Construction Easement

Align	Station	North	East	Offset RT	Offset LT
-L-	10+00.00	580293.6937	598194.9055	50.00	
-L-	10+64.65	580243.3938	598153.1453	57.00	
-L-	10+94.00	580225.8587	598127.1161	69.00	
-L-	11+50.00	580206.9536	598072.6505	102.00	
-L-	14+65.00	580079.3903	597863.6884	108.00	
-L-	15+74.00	580046.8098	597770.0615	92.00	
-L-	16+09.73	579999.9382	597741.0152	50.00	
-L-	12+00.87	580080.6134	598141.7520		34.04
-L-	12+14.92	580058.7544	598141.7520		49.85
-L-	12+40.86	580040.0093	598120.1839		49.42
-L-	12+50.22	580042.4724	598104.8801		37.73