

# SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

6/2/09

REVISIONS

**E1**

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PT	67858.893	83279.962	N 38°01'15.4" E	2.87					
LINE	67858.196	83274.226	N 32°12'31.6" E	148.18	82°37'27.5" (L)	84°08'37.9"	148.24	78.18	1428.64
CURVE	678725.886	832815.144	N 29°23'47.8" E	3632.22					
LINE	678998.347	832999.825	N 28°43'42.8" E	91.31	81°28'11.6" (L)	81°27'49.5"	91.31	45.66	3914.33
PT	679378.417	833642.913							

**EY3**

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PT	671999.384	833184.238	S 78°13'28.8" E	28.96					
LINE	671999.313	833282.493	S 74°23'49.6" E	184.45	83°39'02.4" (R)	83°29'48.1"	184.47	52.26	1639.61
CURVE	671986.219	833385.196	S 72°34'18.4" E	496.62					
PT	671817.775	833778.865							

**EY4**

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PT	671973.917	833236.898	N 74°08'45.9" E	98.47					
LINE	671986.997	833278.841	N 78°34'49.1" E	49.73	82°12'07.2" (R)	86°26'18.6"	49.73	24.87	889.89
CURVE	671990.637	833327.209	N 58°35'43.1" E	55.85	39°18'19.2" (L)	68°46'39.9"	55.95	25.64	83.31
LINE	672027.648	833374.879	N 39°08'33.9" E	18.83					
CURVE	672036.896	833381.696	N 38°19'06.8" E	11.28	87°21'13.7" (L)	69°36'42.5"	11.21	5.61	87.33
LINE	672045.194	833388.174	N 31°34'28.2" E	8.88					
CURVE	672045.194	833388.174	N 30°23'06.2" E	93.11	82°28'27.9" (L)	83°57'37.1"	93.11	29.56	146.75
LINE	672056.132	833418.161	N 29°18'52.9" E	486.46					
CURVE	672059.424	833885.842	N 38°35'55.9" E	98.48	82°34'07.3" (R)	82°58'28.7"	98.41	45.21	2816.53
LINE	672097.234	833781.887	S 31°52'59.6" W	8.88					
PT	672097.233	833781.886							

**EY5**

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PT	672638.896	833648.211	S 62°47'18.8" E	71.89					
LINE	672638.896	833784.828	S 53°41'27.9" E	149.91	81°48'34.2" (L)	81°12'25.2"	149.92	74.96	4746.93
CURVE	672686.292	833825.632	S 54°35'45.8" E	11.68					
LINE	672499.663	833836.898	S 62°08'17.6" E	167.16	16°45'05.1" (L)	89°59'18.0"	167.74	84.47	974.76
CURVE	672423.611	833983.982	S 71°28'58.1" E	12.89					
PT	672419.488	833996.197							

**EY6**

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PT	672845.587	833786.633	S 37°35'58.9" E	6.34					
LINE	672848.481	833784.583	S 49°01'48.3" E	71.95	14°51'22.8" (L)	28°35'28.7"	72.15	36.28	278.25
CURVE	672789.632	833815.482	N 52°27'21.7" W	8.88					
LINE	672789.632	833815.482	S 53°34'22.9" E	194.86	82°14'02.8" (L)	81°08'47.9"	194.86	97.44	4997.58
CURVE	672873.331	833972.188	S 54°41'24.2" E	47.72					
LINE	672846.349	834811.822	S 62°08'48.9" E	91.19	14°54'33.4" (L)	16°18'15.1"	91.44	45.98	361.42
CURVE	672883.743	834891.743	S 69°35'37.6" E	26.32					
PT	672894.917	834115.474							

**RPB**

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R	DELTA S	Ls	LT	ST
PT	8.888	8.888	N 98°08'08.8" E	8.88						88°08'08.8" (R)	8.88	8.88	8.88
SPRAL	678535.672	832436.218	N 63°52'47.4" E	198.54	24°08'08.8" (L)	12°08'08.8"	208.88	181.49	477.46				
CURVE	678627.888	832613.483	N 43°52'42.8" E	199.61						12°08'08.8" (L)	208.88	133.64	66.95
LINE	678778.962	832751.899	N 39°52'47.4" E	4.22									
CURVE	678774.284	832754.548	N 38°42'47.8" E	199.37						83°38'08.8" (L)	208.88	133.36	66.69
LINE	678938.236	832875.611	N 36°47'17.8" E	33.81	81°18'59.5" (L)	83°38'08.8"	33.81	16.98	1637.82				
CURVE	678957.668	832899.388	N 32°51'47.7" E	199.37						83°38'08.8" (L)	208.88	133.36	66.69
LINE	671124.624	833887.885	N 31°51'47.8" E	79.68									
PT	671193.398	833849.713											

**RPC**

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PT	678537.418	833265.833	N 42°03'58.8" W	416.98	33°24'08.8" (R)	28°08'08.8"	467.88	381.88	286.48
CURVE	678846.986	832985.671	N 11°45'48.4" E	142.51	14°17'16.8" (R)	18°08'08.8"	142.88	71.81	572.96
LINE	678986.494	833814.766	N 24°09'47.4" E	289.16	18°28'21.8" (R)	69°08'08.8"	289.49	185.82	1145.92
CURVE	671177.431	833188.372							

**NOTES:**

- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
- THE SURVEY CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED FROM VARIOUS SOURCES. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

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