

HORIZONTAL CONTROL POINTS

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
6	1876859.0860	2346547.7500	668.8390	EXUS30	1021+82.04	17.5499' RT	GPS CONTROL POINT, PIN
10	1875361.9050	2347590.8390	631.9970	EXUS30	1040+32.04	30.0995' RT	GPS CONTROL POINT, PIN
39	1876266.9640	2347137.3880	668.2340	EXUS30	1030+22.47	21.7009' LT	GPS CONTROL POINT, PK NAIL
40	1874624.1780	2348232.6290	650.5790	EXUS30	1050+03.80	24.4949' RT	GPS CONTROL POINT, CROSS CUT
41	1874404.2500	2348614.6530	652.6590	EXUS30	1054+44.60	27.0437' RT	GPS CONTROL POINT, CROSS CUT

SURVEY WORK POINTS

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
60	1874322.9730	2348770.0480	653.2120	EXUS30	1056+19.86	20.9656' RT	TOPO SURVEY POINT, NAIL
61	1875003.4660	2347874.1190	632.5180	EXUS30	1044+87.22	25.5521' RT	TOPO SURVEY POINT, NAIL

BENCH MARKS

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
406	1876772.1870	2346605.0990	668.3230	EXUS30	1022+81.84	52.7953' RT	SIGN FOUNDATION, TOP
410	1875550.4450	2347481.5310	633.5980	EXUS30	1038+15.56	17.2515' RT	HEADWALL, TOP
412	1875210.7420	2347774.8760	632.4080	EXUS30	1042+63.26	25.9731' LT	HEADWALL, TOP
439	1876279.6260	2347149.9370	668.3110	EXUS30	1030+17.82	38.8908' LT	R.O.W. MARKER, TOP
440	1874545.6470	2348199.1210	653.0780	EXUS30	1050+13.45	109.3287' RT	FIRE HYDRANT, BOLT

REFERENCE TIES

POINT	CHAIN	STATION	OFFSET	DESCRIPTION
506	EXUS30	1023+10.24	44.6562' RT	POWER POLE, NAIL
507	EXUS30	1022+07.74	47.7252' LT	POWER POLE, NAIL
508	EXUS30	1021+10.09	53.1342' RT	HOUSE, CORNER
509	EXUS30	1030+11.36	36.8503' LT	POWER POLE, NAIL
510	EXUS30	1030+17.82	38.9003' LT	R.O.W. MARKER, TOP
511	EXUS30	1030+46.76	42.7625' LT	HOUSE, CORNER
512	EXUS30	1039+80.46	35.2673' RT	POWER POLE, NAIL
513	EXUS30	1041+23.23	38.4013' RT	POWER POLE, NAIL
514	EXUS30	1040+32.21	46.4464' RT	SIGN POLE, PAINTED
515	EXUS30	1050+48.66	13.8969' RT	POWER POLE, NAIL
516	EXUS30	1049+78.63	14.6146' RT	HOUSE, CORNER
517	EXUS30	1049+58.38	51.7458' RT	HOUSE, CORNER
518	EXUS30	1053+69.38	16.3399' LT	POWER POLE, NAIL
519	EXUS30	1054+85.07	16.0757' LT	POWER POLE, NAIL
520	EXUS30	1054+31.93	61.3261' RT	HOUSE, CORNER

CURVE POINT NUMBERS

CHAIN	CURVE	PI	CC	PC	PT
EXUS30	200	200	201	202	203
EXUS30	210	210	211	212	213
EXUS30	220	220	221	222	223
EXUS30	230	230	231	232	233

Curve Data

Curve 210
P.I. Station 1035+48.9395 N 1,875,784.4660 E 2,347,352.1599
Delta = 6° 47' 54.7018" (LT)
Degree = 3° 38' 16.8567"
Tangent = 93.5471'
Length = 186.8746'
Radius = 1,574.9184'
External = 2.7758'
Long Chord = 186.7650'
Mid. Ord. = 2.7709'
P.C. Station 1034+55.3924 N 1,875,868.6632 E 2,347,311.3937
P.T. Station 1036+42.2671 N 1,875,705.6866 E 2,347,402.6067
C.C. N 1,876,554.9864 E 2,348,728.9015

Course from PT 210 to PC 220 147° 21' 58.7593" Dist 240.8917'

Curve Data

Curve 220
P.I. Station 1040+61.8787 N 1,875,352.3167 E 2,347,628.8890
Delta = 5° 54' 27.2383" (LT)
Degree = 1° 39' 15.1527"
Tangent = 178.7200'
Length = 357.1233'
Radius = 3,463.6359'
External = 4.6078'
Long Chord = 356.9651'
Mid. Ord. = 4.6017'
P.C. Station 1038+83.1587 N 1,875,502.8232 E 2,347,532.5114
P.T. Station 1042+40.2820 N 1,875,212.5291 E 2,347,740.2454
C.C. N 1,877,370.6438 E 2,350,449.3623

Course from PT 220 to PC 230 141° 27' 31.5210" Dist 560.0851'

Curve Data

Curve 230
P.I. Station 1048+95.2823 N 1,874,700.2142 E 2,348,148.3616
Delta = 21° 51' 40.9566" (LT)
Degree = 11° 39' 28.9586"
Tangent = 94.9152'
Length = 187.5218'
Radius = 491.4699'
External = 9.0814'
Long Chord = 186.3864'
Mid. Ord. = 8.9166'
P.C. Station 1048+00.3671 N 1,874,774.4530 E 2,348,089.2220
P.T. Station 1049+87.8889 N 1,874,653.3353 E 2,348,230.8920
C.C. N 1,875,080.6770 E 2,348,473.6301

Course from PT 230 to 240 119° 35' 50.5644" Dist 700.4148'

Point 240 N 1,874,307.3990 E 2,348,839.9150 Sta 1056+88.3038

Course from 240 to 250 113° 04' 45.4789" Dist 287.7746'

Point 250 N 1,874,194.5900 E 2,349,104.6570 Sta 1059+76.0783

Course from 250 to 380 111° 31' 40.1283" Dist 812.8756'

Point 380 N 1,873,896.3030 E 2,349,860.8260 Sta 1067+88.9539

Course from 380 to PC 260 113° 35' 57.3543" Dist 543.6410'

Beginning chain EXUS30 description
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Point 100 N 1,878,371.0680 E 2,344,169.0420 Sta 993+62.4713

Course from 100 to PC 200 122° 01' 11.2276" Dist 2,707.9206'

Curve Data

Curve 200
P.I. Station 1026+28.5634 N 1,876,639.3465 E 2,346,938.2473
Delta = 32° 08' 42.2335" (RT)
Degree = 2° 57' 26.9384"
Tangent = 558.1715'
Length = 1,086.9062'
Radius = 1,937.3157'
External = 78.8062'
Long Chord = 1,072.7073'
Mid. Ord. = 75.7258'
P.C. Station 1020+70.3919 N 1,876,935.2958 E 2,346,464.9933
P.T. Station 1031+57.2981 N 1,876,136.9634 E 2,347,181.4891
C.C. N 1,875,292.7135 E 2,345,437.8051

Course from PT 200 to PC 210 154° 09' 53.4611" Dist 298.0943'