

SWO 4488(1) - U.S. 62 & Rogers Lane - Comanche County
 Cogo List
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Horizontal Alignment Name: C002 (Cont.)

Tangent Direction: N 7°28'25.34" W
 Radial Direction: N 82°31'34.66" E
 Chord Direction: N 2°52'00.35" W
 Radial Direction: S 88°15'35.36" E
 Tangent Direction: N 1°44'24.64" E

Element: Linear
 PT (11123) 49+42.87 1851848.2750 474622.1834
 PI (390) 53+00.02 1851859.1208 474979.1729
 Tangent Direction: N 1°44'24.64" E
 Tangent Length: 357.15

Element: Linear
 PI (390) 53+00.02 1851859.1208 474979.1729
 PC (11131) 65+15.49 1851896.0312 476194.0816
 Tangent Direction: N 1°44'24.64" E
 Tangent Length: 1215.47

Element: Circular
 PC (11131) 65+15.49 1851896.0312 476194.0816
 PI () 68+26.52 1851905.4764 476504.9711
 CC (11132) 1854746.3348 476107.4860
 PT (11133) 71+35.11 1851981.7210 476806.5142
 Radius: 2851.62
 Delta: 12°26'58.43" Right

Degree of Curvature(Arc): 2°00'33.25"
 Length: 619.62
 Tangent: 311.03
 Chord: 618.40
 Middle Ordinate: 16.81
 External: 16.91
 Tangent Direction: N 1°44'24.64" E
 Radial Direction: S 88°15'35.36" E
 Chord Direction: N 7°57'53.85" E
 Radial Direction: S 75°48'36.93" E
 Tangent Direction: N 14°11'23.07" E

Non-collinear

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Horizontal Alignment Name: C002 (Cont.)

Element: Linear
 PT (11133) 71+35.11 1851981.7210 476806.5142
 PI (376) 71+37.11 1851983.6587 476806.0187
 Tangent Direction: S 75°39'14.26" E
 Tangent Length: 2.00

Element: Linear
 PI (376) 71+37.11 1851983.6587 476806.0187
 EQNBK () 71+37.11 1851983.6587 476806.0187
 EQNAHD () A 71+36.29 1851983.6587 476806.0187
 POE (378) A 80+99.05 1852219.6640 477739.4054
 Tangent Direction: N 14°11'23.07" E
 Tangent Length: 962.76

Project Name: SWO4488_1
 Description:
 Horizontal Alignment Name: C008
 Description: Frontage Road
 Style: Centerline

STATION	EASTING	NORTHING
Element: Linear		
POB (385) 44+61.46 1851914.6092 472074.5498		
PC (11161) 51+59.40 1851914.1672 472772.4937		
Tangent Direction: N 0°02'10.63" W		
Tangent Length: 697.94		

Element: Circular
 PC (11161) 51+59.40 1851914.1672 472772.4937
 PI () 54+72.42 1851913.9690 473085.5137
 CC (11162) 1848179.3344 472770.1284
 PT (11163) 57+83.98 1851861.6705 473394.1338

Radius: 3734.83
 Delta: 9°34'53.89" Left
 Degree of Curvature(Arc): 1°52'02.73"
 Length: 624.58
 Tangent: 313.02
 Chord: 623.85
 Middle Ordinate: 13.05
 External: 13.09
 Tangent Direction: N 0°02'10.63" W
 Radial Direction: N 89°57'49.37" E
 Chord Direction: N 4°49'37.58" W

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Horizontal Alignment Name: C008 (Cont.)

Radial Direction: N 80°22'55.48" E
 Tangent Direction: N 9°37'04.52" W

Element: Linear
 PT (11163) 57+83.98 1851861.6705 473394.1338
 PC (11171) 59+21.14 1851838.7536 473529.3695
 Tangent Direction: N 9°37'04.52" W
 Tangent Length: 137.16

Element: Circular
 PC (11171) 59+21.14 1851838.7536 473529.3695
 PI () 62+58.15 1851782.4469 473861.6424
 CC (11172) 1849578.6304 473146.3710
 PT (11173) 65+90.37 1851632.8911 474163.6504
 Radius: 2292.34

Delta: 16°43'36.85" Left
 Degree of Curvature(Arc): 2°29'57.98"
 Length: 669.23
 Tangent: 337.01
 Chord: 666.85
 Middle Ordinate: 24.38
 External: 24.64
 Tangent Direction: N 9°37'04.52" W
 Radial Direction: N 80°22'55.48" E
 Chord Direction: N 17°58'52.94" W
 Radial Direction: N 63°39'18.63" E
 Tangent Direction: N 26°20'41.37" W

Element: Linear
 PT (11173) 65+90.37 1851632.8911 474163.6504
 PC (11181) 68+87.79 1851500.9045 474430.1800
 Tangent Direction: N 26°20'41.37" W
 Tangent Length: 297.42

Element: Circular
 PC (11181) 68+87.79 1851500.9045 474430.1800
 PI () 71+12.57 1851401.1533 474631.6142
 CC (11182) 1852357.0302 474854.1374
 PT (11183) 73+29.32 1851401.6841 474856.3936
 Radius: 955.35
 Delta: 26°28'48.50" Right
 Degree of Curvature(Arc): 5°59'50.53"