

Alignment Report
 Project Name: SW04938(1)
 Description: S.II. 74D
 Horizontal Alignment Name: A001
 Description: Centerline of Survey
 Style: Centerline
 Page: 1 of 3

Point	Node ID	Station	Northing-(Y)	Easting-(X)
BOP	2000	45+89.0000	385391.86194428	2080265.57505283

Direction Distance
 N89°50'31.77"E 989.7806

Point	Node ID	Station	Northing-(Y)	Easting-(X)
PC	2001	55+78.7806	385394.58864474	2081255.35193725

Point	Node ID	Station	Northing-(Y)	Easting-(X)
RP	N/A	N/A	383484.73657487	2081260.61331950

Circular Curve (CW)
 Radial In: S00°09'28.23"E
 D.O.C. Arc: 03°00'00.00"
 D.O.C. Chord: 03°00'01.23"
 Radius: 1909.8593
 Delta angle: 25°21'00.00"
 Tangent length: 429.5298
 Arc length: 845.0000
 Chord Direction: S77°28'58.23"E
 Chord length: 838.1247
 External: 47.7951
 Middle ordinate: 46.5426
 Radial Out: N25°11'31.77"E

Point	Node ID	Station	Northing-(Y)	Easting-(X)
PI	2002	60+08.3105	385395.77193637	2081684.88012332

Point	Node ID	Station	Northing-(Y)	Easting-(X)
PT	2003	64+23.7806	385212.94022913	2082073.55534716

Direction Distance
 S64°48'28.23"E 685.4700

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Point	Node ID	Station	Northing-(Y)	Easting-(X)
PC	2004	71+09.2506	384921.16618760	2082693.82708566

Point	Node ID	Station	Northing-(Y)	Easting-(X)
RP	N/A	N/A	385439.62728389	2082937.70969397

Circular Curve (CW)
 Radial In: N25°11'31.77"E
 D.O.C. Arc: 10°00'00.00"
 D.O.C. Chord: 10°00'45.85"
 Radius: 572.9578
 Delta angle: 53°45'00.00"
 Tangent length: 290.3638
 Arc length: 537.5000
 Chord Direction: N88°19'01.77"E
 Chord length: 518.0060
 External: 69.3753
 Middle ordinate: 61.8824
 Radial Out: S28°33'28.23"E

Point	Node ID	Station	Northing-(Y)	Easting-(X)
PI	2005	73+99.6144	384797.57125198	2082956.57302833

Point	Node ID	Station	Northing-(Y)	Easting-(X)
PT	2006	76+46.7506	384936.37842181	2083211.60970824

Direction Distance
 N61°26'31.77"E 682.9172

Point	Node ID	Station	Northing-(Y)	Easting-(X)
PC	2007	83+29.6678	385262.84405753	2083811.43975980

Point	Node ID	Station	Northing-(Y)	Easting-(X)
RP	N/A	N/A	384256.34633336	2084359.23978834

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Circular Curve (CW)
 Radial In: S28°33'28.23"E
 D.O.C. Arc: 05°00'00.00"
 D.O.C. Chord: 05°00'05.72"
 Radius: 1145.9156
 Delta angle: 28°25'02.62"
 Tangent length: 290.1463
 Arc length: 568.3479
 Chord Direction: N75°39'03.08"E
 Chord length: 562.5404
 External: 36.1620
 Middle ordinate: 35.0557
 Radial Out: N00°08'25.61"W

Point	Node ID	Station	Northing-(Y)	Easting-(X)
PI	2008	86+19.8142	385401.54725569	2084066.28540787

Point	Node ID	Station	Northing-(Y)	Easting-(X)
PT	2009	88+98.0157	385402.25848090	2084356.43084671

Direction Distance
 N89°51'34.39"E 1166.7673

Point	Node ID	Station	Northing-(Y)	Easting-(X)
EOP	2010	100+64.7830	385405.11853560	2085523.19465190