BHI - Enbridge Chainage Correlation Listing

Client: Enbridge Energy Limited Partnership Run Date: July 30, 2013 Projection: UTM Zone: 16

Project: NPS 20 GEOPIG Geometry Inspection Location: Line 5 Straights of Mackinac - West Loop Datum: WGS 84 C.M.: -87

Feature Identifier	Absolute Chainage (ft)	Enbridge Area Number	Enbridge Area Name	Enbridge Chainage (ft)	Description
GWD11	75.91	1	Line 5 Straights of Mackinac - West Loop	-23.99	Master GW# 11
GWD21	96.70	1	Line 5 Straights of Mackinac - West Loop	-2.63	Master GW# 21
GWD31	101.95	1	Line 5 Straights of Mackinac - West Loop	2.66	Master GW# 31
GWD41	102.85	1	Line 5 Straights of Mackinac - West Loop	3.57	Master GW# 41
GWD51	105.16	1	Line 5 Straights of Mackinac - West Loop	5.88	Master GW# 51
GWD61	108.11	1	Line 5 Straights of Mackinac - West Loop	9.07	Master GW# 61
GWD71	121.65	1	Line 5 Straights of Mackinac - West Loop	23.09	Master GW# 71
GWD81	126.38	1	Line 5 Straights of Mackinac - West Loop	27.84	Master GW# 81
GWD91	141.31	1	Line 5 Straights of Mackinac - West Loop	41.88	Master GW# 91
GWD101	155.75	1	Line 5 Straights of Mackinac - West Loop	56.14	Master GW# 101
GWD111	162.82	1	Line 5 Straights of Mackinac - West Loop	63.03	Master GW# 111
GWD121	177.54	1	Line 5 Straights of Mackinac - West Loop	77.62	Master GW# 121
GWD125	180.87	1	Line 5 Straights of Mackinac - West Loop	80.70	Master GW# 131
GWD160	209.08	1	Line 5 Straights of Mackinac - West Loop	108.50	Master GW# 160
GWD170	236.67	1	Line 5 Straights of Mackinac - West Loop	136.08	Master GW# 170
GWD180	264.45	1	Line 5 Straights of Mackinac - West Loop	163.51	Master GW# 180
GWD190	286.45	1	Line 5 Straights of Mackinac - West Loop	186.13	Master GW# 190
GWD200	313.37	1	Line 5 Straights of Mackinac - West Loop	212.56	Master GW# 200
GWD210	340.21	1	Line 5 Straights of Mackinac - West Loop	239.49	Master GW# 210
GWD220	362.50	1	Line 5 Straights of Mackinac - West Loop	261.71	Master GW# 220
GWD230	389.12	1	Line 5 Straights of Mackinac - West Loop	288.15	Master GW# 230
GWD240	414.73	1	Line 5 Straights of Mackinac - West Loop	314.25	Master GW# 240
GWD250	441.15	1	Line 5 Straights of Mackinac - West Loop	341.14	Master GW# 250
GWD260	461.54	1	Line 5 Straights of Mackinac - West Loop	361.89	Master GW# 260
GWD270	487.69	1	Line 5 Straights of Mackinac - West Loop	387.89	Master GW# 270
GWD280	514.48	1	Line 5 Straights of Mackinac - West Loop	415.01	Master GW# 280
GWD290	537.15	1	Line 5 Straights of Mackinac - West Loop	437.81	Master GW# 290
GWD300	562.92	1	Line 5 Straights of Mackinac - West Loop	464.13	Master GW# 300
GWD310	587.71	1	Line 5 Straights of Mackinac - West Loop	489.12	Master GW# 310
GWD320	612.90	1	Line 5 Straights of Mackinac - West Loop	514.75	Master GW# 320

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Project: NPS 20 GEOPIG Geometry Inspection Location: Line 5 Straights of Mackinac - West Loop Datum: WGS 84 C.M.: -87

Feature Identifier	Absolute Chainage (ft)	Enbridge Area Number	Enbridge Area Name	Enbridge Chainage (ft)	Description
GWD330	638.35	1	Line 5 Straights of Mackinac - West Loop	539.93	Master GW# 330
GWD340	664.15	1	Line 5 Straights of Mackinac - West Loop	565.72	Master GW# 340
GWD350	671.35	1	Line 5 Straights of Mackinac - West Loop	573.05	Master GW# 350
GWD360	697.89	1	Line 5 Straights of Mackinac - West Loop	599.62	Master GW# 360
GWD370	725.10	1	Line 5 Straights of Mackinac - West Loop	626.69	Master GW# 370
GWD380	752.22	1	Line 5 Straights of Mackinac - West Loop	654.09	Master GW# 380
GWD390	780.41	1	Line 5 Straights of Mackinac - West Loop	682.26	Master GW# 390
GWD400	806.57	1	Line 5 Straights of Mackinac - West Loop	708.75	Master GW# 400
GWD410	831.12	1	Line 5 Straights of Mackinac - West Loop	733.59	Master GW# 410
GWD420	856.66	1	Line 5 Straights of Mackinac - West Loop	759.01	Master GW# 420
GWD430	880.26	1	Line 5 Straights of Mackinac - West Loop	782.84	Master GW# 430
GWD440	907.47	1	Line 5 Straights of Mackinac - West Loop	810.50	Master GW# 440
GWD450	930.65	1	Line 5 Straights of Mackinac - West Loop	834.20	Master GW# 450
GWD460	953.88	1	Line 5 Straights of Mackinac - West Loop	857.68	Master GW# 460
GWD470	981.15	1	Line 5 Straights of Mackinac - West Loop	885.49	Master GW# 470
GWD480	1,000.67	1	Line 5 Straights of Mackinac - West Loop	905.18	Master GW# 480
GWD490	1,026.55	1	Line 5 Straights of Mackinac - West Loop	932.05	Master GW# 490
GWD500	1,049.69	1	Line 5 Straights of Mackinac - West Loop	956.16	Master GW# 500
GWD510	1,077.38	1	Line 5 Straights of Mackinac - West Loop	983.80	Master GW# 510
GWD520	1,102.91	1	Line 5 Straights of Mackinac - West Loop	1,010.24	Master GW# 520
GWD530	1,128.13	1	Line 5 Straights of Mackinac - West Loop	1,035.64	Master GW# 530
GWD540	1,148.60	1	Line 5 Straights of Mackinac - West Loop	1,056.59	Master GW# 540
GWD550	1,174.86	1	Line 5 Straights of Mackinac - West Loop	1,083.11	Master GW# 550
GWD560	1,201.61	1	Line 5 Straights of Mackinac - West Loop	1,109.95	Master GW# 560
GWD570	1,228.19	1	Line 5 Straights of Mackinac - West Loop	1,136.73	Master GW# 570
GWD580	1,251.00	1	Line 5 Straights of Mackinac - West Loop	1,159.75	Master GW# 580
GWD590	1,275.60	1	Line 5 Straights of Mackinac - West Loop	1,184.46	Master GW# 590
GWD600	1,301.52	1	Line 5 Straights of Mackinac - West Loop	1,210.43	Master GW# 600
GWD610	1,322.12	1	Line 5 Straights of Mackinac - West Loop	1,231.39	Master GW# 610
GWD620	1,350.03	1	Line 5 Straights of Mackinac - West Loop	1,258.89	Master GW# 620

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Client: Enbridge Energy Limited Partnership | Run Date: July 30, 2013 | Projection: UTM | Zone: 16

Project: NPS 20 GEOPIG Geometry Inspection | Location: Line 5 Straights of Mackinac - West Loop | Datum: WGS 84 | C.M.: -87

Feature Identifier	Absolute Chainage (ft)	Enbridge Area Number	Enbridge Area Name	Enbridge Chainage (ft)	Description
GWD630	1,374.05	1	Line 5 Straights of Mackinac - West Loop	1,283.07	Master GW# 630
GWD640	1,397.56	1	Line 5 Straights of Mackinac - West Loop	1,307.09	Master GW# 640
GWD650	1,417.58	1	Line 5 Straights of Mackinac - West Loop	1,326.99	Master GW# 650
GWD660	1,444.37	1	Line 5 Straights of Mackinac - West Loop	1,353.78	Master GW# 660
GWD670	1,464.77	1	Line 5 Straights of Mackinac - West Loop	1,374.70	Master GW# 670
GWD680	1,492.18	1	Line 5 Straights of Mackinac - West Loop	1,402.48	Master GW# 680
GWD690	1,516.36	1	Line 5 Straights of Mackinac - West Loop	1,426.74	Master GW# 690
GWD700	1,543.14	1	Line 5 Straights of Mackinac - West Loop	1,453.81	Master GW# 700
GWD710	1,567.43	1	Line 5 Straights of Mackinac - West Loop	1,478.29	Master GW# 710
GWD720	1,594.02	1	Line 5 Straights of Mackinac - West Loop	1,505.03	Master GW# 720
GWD730	1,621.07	1	Line 5 Straights of Mackinac - West Loop	1,532.30	Master GW# 730
GWD740	1,647.31	1	Line 5 Straights of Mackinac - West Loop	1,559.27	Master GW# 740
GWD750	1,673.00	1	Line 5 Straights of Mackinac - West Loop	1,584.75	Master GW# 750
GWD760	1,695.73	1	Line 5 Straights of Mackinac - West Loop	1,607.51	Master GW# 760
GWD770	1,722.37	1	Line 5 Straights of Mackinac - West Loop	1,634.22	Master GW# 770
GWD780	1,750.11	1	Line 5 Straights of Mackinac - West Loop	1,662.02	Master GW# 780
GWD790	1,776.49	1	Line 5 Straights of Mackinac - West Loop	1,688.61	Master GW# 790
GWD800	1,795.06	1	Line 5 Straights of Mackinac - West Loop	1,706.96	Master GW# 800
GWD810	1,821.26	1	Line 5 Straights of Mackinac - West Loop	1,733.10	Master GW# 810
GWD820	1,848.27	1	Line 5 Straights of Mackinac - West Loop	1,760.09	Master GW# 820
GWD830	1,876.46	1	Line 5 Straights of Mackinac - West Loop	1,787.93	Master GW# 830
GWD840	1,903.75	1	Line 5 Straights of Mackinac - West Loop	1,815.16	Master GW# 840
GWD850	1,924.60	1	Line 5 Straights of Mackinac - West Loop	1,836.29	Master GW# 850
GWD860	1,950.45	1	Line 5 Straights of Mackinac - West Loop	1,862.23	Master GW# 860
GWD870	1,978.87	1	Line 5 Straights of Mackinac - West Loop	1,889.93	Master GW# 870
GWD880	2,006.71	1	Line 5 Straights of Mackinac - West Loop	1,917.32	Master GW# 880
GWD890	2,030.08	1	Line 5 Straights of Mackinac - West Loop	1,940.82	Master GW# 890
GWD900	2,055.21	1	Line 5 Straights of Mackinac - West Loop	1,966.20	Master GW# 900
GWD910	2,081.90	1	Line 5 Straights of Mackinac - West Loop	1,992.95	Master GW# 910
GWD920	2,107.03	1	Line 5 Straights of Mackinac - West Loop	2,018.14	Master GW# 920

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Client: Enbridge Energy Limited Partnership Run Date: July 30, 2013 Projection: UTM Zone: 16

Project: NPS 20 GEOPIG Geometry Inspection Location: Line 5 Straights of Mackinac - West Loop Datum: WGS 84 C.M.: -87

Feature Identifier	Absolute Chainage (ft)	Enbridge Area Number	Enbridge Area Name	Enbridge Chainage (ft)	Description
GWD930	2,133.11	1	Line 5 Straights of Mackinac - West Loop	2,044.27	Master GW# 930
GWD940	2,160.29	1	Line 5 Straights of Mackinac - West Loop	2,071.77	Master GW# 940
GWD950	2,185.57	1	Line 5 Straights of Mackinac - West Loop	2,096.78	Master GW# 950
GWD960	2,213.16	1	Line 5 Straights of Mackinac - West Loop	2,124.53	Master GW# 960
GWD970	2,241.49	1	Line 5 Straights of Mackinac - West Loop	2,152.39	Master GW# 970
GWD980	2,269.20	1	Line 5 Straights of Mackinac - West Loop	2,179.88	Master GW# 980
GWD990	2,288.49	1	Line 5 Straights of Mackinac - West Loop	2,199.95	Master GW# 990
GWD1000	2,315.89	1	Line 5 Straights of Mackinac - West Loop	2,227.04	Master GW# 1000
GWD1010	2,343.82	1	Line 5 Straights of Mackinac - West Loop	2,254.80	Master GW# 1010
GWD1020	2,370.95	1	Line 5 Straights of Mackinac - West Loop	2,282.41	Master GW# 1020
GWD1030	2,398.83	1	Line 5 Straights of Mackinac - West Loop	2,309.90	Master GW# 1030
GWD1040	2,426.32	1	Line 5 Straights of Mackinac - West Loop	2,337.15	Master GW# 1040
GWD1050	2,452.35	1	Line 5 Straights of Mackinac - West Loop	2,363.29	Master GW# 1050
GWD1060	2,479.44	1	Line 5 Straights of Mackinac - West Loop	2,390.18	Master GW# 1060
GWD1070	2,506.47	1	Line 5 Straights of Mackinac - West Loop	2,417.26	Master GW# 1070
GWD1080	2,529.50	1	Line 5 Straights of Mackinac - West Loop	2,440.28	Master GW# 1080
GWD1090	2,554.85	1	Line 5 Straights of Mackinac - West Loop	2,465.46	Master GW# 1090
GWD1100	2,580.53	1	Line 5 Straights of Mackinac - West Loop	2,491.28	Master GW# 1100
GWD1110	2,608.25	1	Line 5 Straights of Mackinac - West Loop	2,518.68	Master GW# 1110
GWD1120	2,634.85	1	Line 5 Straights of Mackinac - West Loop	2,545.39	Master GW# 1120
GWD1130	2,661.25	1	Line 5 Straights of Mackinac - West Loop	2,572.18	Master GW# 1130
GWD1140	2,682.76	1	Line 5 Straights of Mackinac - West Loop	2,594.41	Master GW# 1140
GWD1150	2,706.37	1	Line 5 Straights of Mackinac - West Loop	2,618.16	Master GW# 1150
GWD1160	2,729.18	1	Line 5 Straights of Mackinac - West Loop	2,640.81	Master GW# 1160
GWD1170	2,753.94	1	Line 5 Straights of Mackinac - West Loop	2,665.67	Master GW# 1170
GWD1180	2,778.70	1	Line 5 Straights of Mackinac - West Loop	2,690.87	Master GW# 1180
GWD1190	2,802.32	1	Line 5 Straights of Mackinac - West Loop	2,714.90	Master GW# 1190
GWD1200	2,825.38	1	Line 5 Straights of Mackinac - West Loop	2,738.51	Master GW# 1200
GWD1210	2,851.76	1	Line 5 Straights of Mackinac - West Loop	2,765.16	Master GW# 1210
GWD1220	2,877.94	1	Line 5 Straights of Mackinac - West Loop	2,791.68	Master GW# 1220

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Feature Identifier	Absolute Chainage (ft)	Enbridge Area Number	Enbridge Area Name	Enbridge Chainage (ft)	Description
GWD1230	2,896.88	1	Line 5 Straights of Mackinac - West Loop	2,811.72	Master GW# 1230
GWD1240	2,919.35	1	Line 5 Straights of Mackinac - West Loop	2,833.60	Master GW# 1240
GWD1250	2,945.98	1	Line 5 Straights of Mackinac - West Loop	2,860.37	Master GW# 1250
GWD1260	2,967.66	1	Line 5 Straights of Mackinac - West Loop	2,882.74	Master GW# 1260
GWD1270	2,993.33	1	Line 5 Straights of Mackinac - West Loop	2,908.53	Master GW# 1270
GWD1280	3,020.20	1	Line 5 Straights of Mackinac - West Loop	2,935.53	Master GW# 1280
GWD1290	3,046.55	1	Line 5 Straights of Mackinac - West Loop	2,961.68	Master GW# 1290
GWD1300	3,067.78	1	Line 5 Straights of Mackinac - West Loop	2,982.95	Master GW# 1300
GWD1310	3,093.63	1	Line 5 Straights of Mackinac - West Loop	3,008.46	Master GW# 1310
GWD1320	3,120.49	1	Line 5 Straights of Mackinac - West Loop	3,035.49	Master GW# 1320
GWD1330	3,145.87	1	Line 5 Straights of Mackinac - West Loop	3,060.98	Master GW# 1330
GWD1340	3,173.45	1	Line 5 Straights of Mackinac - West Loop	3,088.43	Master GW# 1340
GWD1350	3,199.59	1	Line 5 Straights of Mackinac - West Loop	3,114.82	Master GW# 1350
GWD1360	3,225.39	1	Line 5 Straights of Mackinac - West Loop	3,140.37	Master GW# 1360
GWD1370	3,252.96	1	Line 5 Straights of Mackinac - West Loop	3,168.40	Master GW# 1370
GWD1380	3,279.25	1	Line 5 Straights of Mackinac - West Loop	3,194.91	Master GW# 1380
GWD1390	3,303.54	1	Line 5 Straights of Mackinac - West Loop	3,219.43	Master GW# 1390
GWD1400	3,328.07	1	Line 5 Straights of Mackinac - West Loop	3,243.99	Master GW# 1400
GWD1410	3,355.15	1	Line 5 Straights of Mackinac - West Loop	3,270.81	Master GW# 1410
GWD1420	3,381.91	1	Line 5 Straights of Mackinac - West Loop	3,297.61	Master GW# 1420
GWD1430	3,406.98	1	Line 5 Straights of Mackinac - West Loop	3,322.50	Master GW# 1430
GWD1440	3,435.56	1	Line 5 Straights of Mackinac - West Loop	3,350.66	Master GW# 1440
GWD1450	3,459.84	1	Line 5 Straights of Mackinac - West Loop	3,374.95	Master GW# 1450
GWD1460	3,486.84	1	Line 5 Straights of Mackinac - West Loop	3,401.55	Master GW# 1460
GWD1470	3,508.92	1	Line 5 Straights of Mackinac - West Loop	3,423.55	Master GW# 1470
GWD1480	3,533.14	1	Line 5 Straights of Mackinac - West Loop	3,447.51	Master GW# 1480
GWD1490	3,559.09	1	Line 5 Straights of Mackinac - West Loop	3,473.39	Master GW# 1490
GWD1500	3,587.07	1	Line 5 Straights of Mackinac - West Loop	3,500.97	Master GW# 1500
GWD1510	3,611.48	1	Line 5 Straights of Mackinac - West Loop	3,525.09	Master GW# 1510
GWD1520	3,638.29	1	Line 5 Straights of Mackinac - West Loop	3,551.64	Master GW# 1520

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Feature Identifier	Absolute Chainage (ft)	Enbridge Area Number	Enbridge Area Name	Enbridge Chainage (ft)	Description
GWD1530	3,657.77	1	Line 5 Straights of Mackinac - West Loop	3,571.15	Master GW# 1530
GWD1540	3,682.66	1	Line 5 Straights of Mackinac - West Loop	3,595.80	Master GW# 1540
GWD1550	3,709.69	1	Line 5 Straights of Mackinac - West Loop	3,623.36	Master GW# 1550
GWD1560	3,737.48	1	Line 5 Straights of Mackinac - West Loop	3,650.60	Master GW# 1560
GWD1570	3,765.14	1	Line 5 Straights of Mackinac - West Loop	3,678.05	Master GW# 1570
GWD1580	3,792.02	1	Line 5 Straights of Mackinac - West Loop	3,704.72	Master GW# 1580
GWD1590	3,818.55	1	Line 5 Straights of Mackinac - West Loop	3,730.71	Master GW# 1590
GWD1600	3,843.70	1	Line 5 Straights of Mackinac - West Loop	3,755.57	Master GW# 1600
GWD1610	3,866.50	1	Line 5 Straights of Mackinac - West Loop	3,778.19	Master GW# 1610
GWD1620	3,889.02	1	Line 5 Straights of Mackinac - West Loop	3,800.11	Master GW# 1620
GWD1630	3,917.17	1	Line 5 Straights of Mackinac - West Loop	3,828.27	Master GW# 1630
GWD1640	3,942.91	1	Line 5 Straights of Mackinac - West Loop	3,853.93	Master GW# 1640
GWD1650	3,965.53	1	Line 5 Straights of Mackinac - West Loop	3,876.23	Master GW# 1650
GWD1660	3,990.50	1	Line 5 Straights of Mackinac - West Loop	3,902.08	Master GW# 1660
GWD1670	4,015.30	1	Line 5 Straights of Mackinac - West Loop	3,925.81	Master GW# 1670
GWD1680	4,042.38	1	Line 5 Straights of Mackinac - West Loop	3,952.32	Master GW# 1680
GWD1690	4,068.99	1	Line 5 Straights of Mackinac - West Loop	3,978.55	Master GW# 1690
GWD1700	4,095.98	1	Line 5 Straights of Mackinac - West Loop	4,005.95	Master GW# 1700
GWD1710	4,115.24	1	Line 5 Straights of Mackinac - West Loop	4,024.35	Master GW# 1710
GWD1720	4,141.12	1	Line 5 Straights of Mackinac - West Loop	4,049.96	Master GW# 1720
GWD1730	4,168.12	1	Line 5 Straights of Mackinac - West Loop	4,076.19	Master GW# 1730
GWD1740	4,195.58	1	Line 5 Straights of Mackinac - West Loop	4,103.58	Master GW# 1740
GWD1750	4,224.04	1	Line 5 Straights of Mackinac - West Loop	4,131.58	Master GW# 1750
GWD1760	4,250.05	1	Line 5 Straights of Mackinac - West Loop	4,158.23	Master GW# 1760
GWD1770	4,277.19	1	Line 5 Straights of Mackinac - West Loop	4,184.71	Master GW# 1770
GWD1780	4,304.87	1	Line 5 Straights of Mackinac - West Loop	4,211.86	Master GW# 1780
GWD1790	4,329.96	1	Line 5 Straights of Mackinac - West Loop	4,237.05	Master GW# 1790
GWD1800	4,356.92	1	Line 5 Straights of Mackinac - West Loop	4,263.73	Master GW# 1800
GWD1810	4,384.18	1	Line 5 Straights of Mackinac - West Loop	4,290.82	Master GW# 1810
GWD1820	4,409.49	1	Line 5 Straights of Mackinac - West Loop	4,315.80	Master GW# 1820

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Feature Identifier	Absolute Chainage (ft)	Enbridge Area Number	Enbridge Area Name	Enbridge Chainage (ft)	Description
GWD1830	4,435.71	1	Line 5 Straights of Mackinac - West Loop	4,341.52	Master GW# 1830
GWD1840	4,460.96	1	Line 5 Straights of Mackinac - West Loop	4,366.68	Master GW# 1840
GWD1850	4,481.97	1	Line 5 Straights of Mackinac - West Loop	4,387.27	Master GW# 1850
GWD1860	4,506.52	1	Line 5 Straights of Mackinac - West Loop	4,411.53	Master GW# 1860
GWD1870	4,533.05	1	Line 5 Straights of Mackinac - West Loop	4,437.68	Master GW# 1870
GWD1880	4,559.88	1	Line 5 Straights of Mackinac - West Loop	4,464.16	Master GW# 1880
GWD1890	4,587.02	1	Line 5 Straights of Mackinac - West Loop	4,491.19	Master GW# 1890
GWD1900	4,609.10	1	Line 5 Straights of Mackinac - West Loop	4,512.60	Master GW# 1900
GWD1910	4,636.45	1	Line 5 Straights of Mackinac - West Loop	4,540.07	Master GW# 1910
GWD1920	4,664.02	1	Line 5 Straights of Mackinac - West Loop	4,566.85	Master GW# 1920
GWD1930	4,691.38	1	Line 5 Straights of Mackinac - West Loop	4,593.91	Master GW# 1930
GWD1940	4,718.85	1	Line 5 Straights of Mackinac - West Loop	4,621.08	Master GW# 1940
GWD1950	4,746.70	1	Line 5 Straights of Mackinac - West Loop	4,648.78	Master GW# 1950
GWD1960	4,773.49	1	Line 5 Straights of Mackinac - West Loop	4,675.12	Master GW# 1960
GWD1970	4,800.06	1	Line 5 Straights of Mackinac - West Loop	4,701.27	Master GW# 1970
GWD1980	4,825.83	1	Line 5 Straights of Mackinac - West Loop	4,726.36	Master GW# 1980
GWD1990	4,852.71	1	Line 5 Straights of Mackinac - West Loop	4,753.20	Master GW# 1990
GWD2000	4,874.41	1	Line 5 Straights of Mackinac - West Loop	4,774.63	Master GW# 2000
GWD2010	4,900.51	1	Line 5 Straights of Mackinac - West Loop	4,800.84	Master GW# 2010
GWD2020	4,927.89	1	Line 5 Straights of Mackinac - West Loop	4,827.90	Master GW# 2020
GWD2030	4,954.54	1	Line 5 Straights of Mackinac - West Loop	4,854.22	Master GW# 2030
GWD2040	4,977.59	1	Line 5 Straights of Mackinac - West Loop	4,876.96	Master GW# 2040
GWD2050	5,005.40	1	Line 5 Straights of Mackinac - West Loop	4,904.32	Master GW# 2050
GWD2060	5,031.40	1	Line 5 Straights of Mackinac - West Loop	4,930.35	Master GW# 2060
GWD2070	5,059.54	1	Line 5 Straights of Mackinac - West Loop	4,957.75	Master GW# 2070
GWD2080	5,086.76	1	Line 5 Straights of Mackinac - West Loop	4,984.80	Master GW# 2080
GWD2090	5,113.33	1	Line 5 Straights of Mackinac - West Loop	5,011.46	Master GW# 2090
GWD2100	5,133.88	1	Line 5 Straights of Mackinac - West Loop	5,031.81	Master GW# 2100
GWD2110	5,161.80	1	Line 5 Straights of Mackinac - West Loop	5,059.27	Master GW# 2110
GWD2120	5,187.64	1	Line 5 Straights of Mackinac - West Loop	5,084.76	Master GW# 2120

BHI - Enbridge Chainage Correlation Listing

Client: Enbridge Energy Limited Partnership Run Date: July 30, 2013 Projection: UTM Zone: 16

Project: NPS 20 GEOPIG Geometry Inspection Location: Line 5 Straights of Mackinac - West Loop Datum: WGS 84 C.M.: -87

Feature Identifier	Absolute Chainage (ft)	Enbridge Area Number	Enbridge Area Name	Enbridge Chainage (ft)	Description
GWD2130	5,212.75	1	Line 5 Straights of Mackinac - West Loop	5,109.82	Master GW# 2130
GWD2140	5,238.95	1	Line 5 Straights of Mackinac - West Loop	5,135.42	Master GW# 2140
GWD2150	5,262.34	1	Line 5 Straights of Mackinac - West Loop	5,159.32	Master GW# 2150
GWD2160	5,290.16	1	Line 5 Straights of Mackinac - West Loop	5,186.47	Master GW# 2160
GWD2170	5,316.80	1	Line 5 Straights of Mackinac - West Loop	5,213.06	Master GW# 2170
GWD2180	5,342.57	1	Line 5 Straights of Mackinac - West Loop	5,238.57	Master GW# 2180
GWD2190	5,367.95	1	Line 5 Straights of Mackinac - West Loop	5,263.59	Master GW# 2190
GWD2200	5,393.09	1	Line 5 Straights of Mackinac - West Loop	5,288.93	Master GW# 2200
GWD2210	5,420.53	1	Line 5 Straights of Mackinac - West Loop	5,315.60	Master GW# 2210
GWD2220	5,447.56	1	Line 5 Straights of Mackinac - West Loop	5,342.78	Master GW# 2220
GWD2230	5,474.84	1	Line 5 Straights of Mackinac - West Loop	5,369.79	Master GW# 2230
GWD2240	5,498.42	1	Line 5 Straights of Mackinac - West Loop	5,393.34	Master GW# 2240
GWD2250	5,525.34	1	Line 5 Straights of Mackinac - West Loop	5,420.30	Master GW# 2250
GWD2260	5,552.46	1	Line 5 Straights of Mackinac - West Loop	5,447.17	Master GW# 2260
GWD2270	5,573.58	1	Line 5 Straights of Mackinac - West Loop	5,468.57	Master GW# 2270
GWD2280	5,599.72	1	Line 5 Straights of Mackinac - West Loop	5,494.60	Master GW# 2280
GWD2290	5,627.00	1	Line 5 Straights of Mackinac - West Loop	5,522.17	Master GW# 2290
GWD2300	5,652.32	1	Line 5 Straights of Mackinac - West Loop	5,547.42	Master GW# 2300
GWD2310	5,679.64	1	Line 5 Straights of Mackinac - West Loop	5,574.91	Master GW# 2310
GWD2320	5,705.53	1	Line 5 Straights of Mackinac - West Loop	5,600.52	Master GW# 2320
GWD2330	5,732.29	1	Line 5 Straights of Mackinac - West Loop	5,627.75	Master GW# 2330
GWD2340	5,759.62	1	Line 5 Straights of Mackinac - West Loop	5,654.49	Master GW# 2340
GWD2350	5,786.35	1	Line 5 Straights of Mackinac - West Loop	5,681.23	Master GW# 2350
GWD2360	5,811.83	1	Line 5 Straights of Mackinac - West Loop	5,706.85	Master GW# 2360
GWD2370	5,838.83	1	Line 5 Straights of Mackinac - West Loop	5,733.70	Master GW# 2370
GWD2380	5,862.87	1	Line 5 Straights of Mackinac - West Loop	5,757.85	Master GW# 2380
GWD2390	5,889.93	1	Line 5 Straights of Mackinac - West Loop	5,784.63	Master GW# 2390
GWD2400	5,910.13	1	Line 5 Straights of Mackinac - West Loop	5,804.90	Master GW# 2400
GWD2410	5,934.64	1	Line 5 Straights of Mackinac - West Loop	5,829.30	Master GW# 2410
GWD2420	5,960.31	1	Line 5 Straights of Mackinac - West Loop	5,854.80	Master GW# 2420

BHI - Enbridge Chainage Correlation Listing

Client: Enbridge Energy Limited Partnership Run Date: July 30, 2013 Projection: UTM Zone: 16

Project: NPS 20 GEOPIG Geometry Inspection Location: Line 5 Straights of Mackinac - West Loop Datum: WGS 84 C.M.: -87

Feature Identifier	Absolute Chainage (ft)	Enbridge Area Number	Enbridge Area Name	Enbridge Chainage (ft)	Description
GWD2430	5,985.44	1	Line 5 Straights of Mackinac - West Loop	5,879.64	Master GW# 2430
GWD2440	6,007.35	1	Line 5 Straights of Mackinac - West Loop	5,901.22	Master GW# 2440
GWD2450	6,035.20	1	Line 5 Straights of Mackinac - West Loop	5,927.84	Master GW# 2450
GWD2460	6,061.44	1	Line 5 Straights of Mackinac - West Loop	5,954.13	Master GW# 2460
GWD2470	6,088.71	1	Line 5 Straights of Mackinac - West Loop	5,981.18	Master GW# 2470
GWD2480	6,114.50	1	Line 5 Straights of Mackinac - West Loop	6,007.10	Master GW# 2480
GWD2490	6,142.49	1	Line 5 Straights of Mackinac - West Loop	6,034.71	Master GW# 2490
GWD2500	6,168.73	1	Line 5 Straights of Mackinac - West Loop	6,060.76	Master GW# 2500
GWD2510	6,193.87	1	Line 5 Straights of Mackinac - West Loop	6,085.94	Master GW# 2510
GWD2520	6,216.63	1	Line 5 Straights of Mackinac - West Loop	6,108.03	Master GW# 2520
GWD2530	6,244.36	1	Line 5 Straights of Mackinac - West Loop	6,135.24	Master GW# 2530
GWD2540	6,270.87	1	Line 5 Straights of Mackinac - West Loop	6,161.44	Master GW# 2540
GWD2550	6,297.93	1	Line 5 Straights of Mackinac - West Loop	6,188.56	Master GW# 2550
GWD2560	6,326.05	1	Line 5 Straights of Mackinac - West Loop	6,215.82	Master GW# 2560
GWD2570	6,351.89	1	Line 5 Straights of Mackinac - West Loop	6,241.63	Master GW# 2570
GWD2580	6,380.08	1	Line 5 Straights of Mackinac - West Loop	6,269.69	Master GW# 2580
GWD2590	6,407.90	1	Line 5 Straights of Mackinac - West Loop	6,297.48	Master GW# 2590
GWD2600	6,429.38	1	Line 5 Straights of Mackinac - West Loop	6,318.44	Master GW# 2600
GWD2610	6,455.60	1	Line 5 Straights of Mackinac - West Loop	6,344.88	Master GW# 2610
GWD2620	6,482.31	1	Line 5 Straights of Mackinac - West Loop	6,371.35	Master GW# 2620
GWD2630	6,505.83	1	Line 5 Straights of Mackinac - West Loop	6,394.59	Master GW# 2630
GWD2640	6,532.97	1	Line 5 Straights of Mackinac - West Loop	6,421.29	Master GW# 2640
GWD2650	6,559.35	1	Line 5 Straights of Mackinac - West Loop	6,447.47	Master GW# 2650
GWD2660	6,586.23	1	Line 5 Straights of Mackinac - West Loop	6,473.89	Master GW# 2660
GWD2670	6,613.78	1	Line 5 Straights of Mackinac - West Loop	6,500.92	Master GW# 2670
GWD2680	6,641.23	1	Line 5 Straights of Mackinac - West Loop	6,528.05	Master GW# 2680
GWD2690	6,667.94	1	Line 5 Straights of Mackinac - West Loop	6,554.15	Master GW# 2690
GWD2700	6,695.58	1	Line 5 Straights of Mackinac - West Loop	6,581.41	Master GW# 2700
GWD2710	6,723.63	1	Line 5 Straights of Mackinac - West Loop	6,608.80	Master GW# 2710
GWD2720	6,751.84	1	Line 5 Straights of Mackinac - West Loop	6,636.52	Master GW# 2720

BHI - Enbridge Chainage Correlation Listing

Client: Enbridge Energy Limited Partnership Run Date: July 30, 2013 Projection: UTM Zone: 16

Project: NPS 20 GEOPIG Geometry Inspection Location: Line 5 Straights of Mackinac - West Loop Datum: WGS 84 C.M.: -87

Feature Identifier	Absolute Chainage (ft)	Enbridge Area Number	Enbridge Area Name	Enbridge Chainage (ft)	Description
GWD2730	6,777.38	1	Line 5 Straights of Mackinac - West Loop	6,662.01	Master GW# 2730
GWD2740	6,803.54	1	Line 5 Straights of Mackinac - West Loop	6,687.42	Master GW# 2740
GWD2750	6,824.49	1	Line 5 Straights of Mackinac - West Loop	6,708.21	Master GW# 2750
GWD2760	6,853.12	1	Line 5 Straights of Mackinac - West Loop	6,736.12	Master GW# 2760
GWD2770	6,881.10	1	Line 5 Straights of Mackinac - West Loop	6,763.46	Master GW# 2770
GWD2780	6,907.59	1	Line 5 Straights of Mackinac - West Loop	6,789.83	Master GW# 2780
GWD2790	6,933.13	1	Line 5 Straights of Mackinac - West Loop	6,814.97	Master GW# 2790
GWD2800	6,959.31	1	Line 5 Straights of Mackinac - West Loop	6,840.83	Master GW# 2800
GWD2810	6,982.92	1	Line 5 Straights of Mackinac - West Loop	6,864.00	Master GW# 2810
GWD2820	7,008.00	1	Line 5 Straights of Mackinac - West Loop	6,888.65	Master GW# 2820
GWD2830	7,035.26	1	Line 5 Straights of Mackinac - West Loop	6,915.46	Master GW# 2830
GWD2840	7,062.84	1	Line 5 Straights of Mackinac - West Loop	6,942.69	Master GW# 2840
GWD2850	7,087.55	1	Line 5 Straights of Mackinac - West Loop	6,966.84	Master GW# 2850
GWD2860	7,115.12	1	Line 5 Straights of Mackinac - West Loop	6,993.64	Master GW# 2860
GWD2870	7,140.65	1	Line 5 Straights of Mackinac - West Loop	7,018.89	Master GW# 2870
GWD2880	7,167.13	1	Line 5 Straights of Mackinac - West Loop	7,044.55	Master GW# 2880
GWD2890	7,193.75	1	Line 5 Straights of Mackinac - West Loop	7,070.73	Master GW# 2890
GWD2900	7,220.25	1	Line 5 Straights of Mackinac - West Loop	7,096.68	Master GW# 2900
GWD2910	7,246.90	1	Line 5 Straights of Mackinac - West Loop	7,122.54	Master GW# 2910
GWD2920	7,271.32	1	Line 5 Straights of Mackinac - West Loop	7,146.74	Master GW# 2920
GWD2930	7,299.76	1	Line 5 Straights of Mackinac - West Loop	7,174.61	Master GW# 2930
GWD2940	7,326.65	1	Line 5 Straights of Mackinac - West Loop	7,200.84	Master GW# 2940
GWD2950	7,353.33	1	Line 5 Straights of Mackinac - West Loop	7,227.25	Master GW# 2950
GWD2960	7,381.79	1	Line 5 Straights of Mackinac - West Loop	7,254.90	Master GW# 2960
GWD2970	7,409.56	1	Line 5 Straights of Mackinac - West Loop	7,282.36	Master GW# 2970
GWD2980	7,436.67	1	Line 5 Straights of Mackinac - West Loop	7,308.96	Master GW# 2980
GWD2990	7,464.88	1	Line 5 Straights of Mackinac - West Loop	7,336.39	Master GW# 2990
GWD3000	7,492.12	1	Line 5 Straights of Mackinac - West Loop	7,363.42	Master GW# 3000
GWD3010	7,515.35	1	Line 5 Straights of Mackinac - West Loop	7,386.29	Master GW# 3010
GWD3020	7,541.70	1	Line 5 Straights of Mackinac - West Loop	7,412.44	Master GW# 3020

BHI - Enbridge Chainage Correlation Listing

Client: Enbridge Energy Limited Partnership Run Date: July 30, 2013 Projection: UTM Zone: 16

Project: NPS 20 GEOPIG Geometry Inspection Location: Line 5 Straights of Mackinac - West Loop Datum: WGS 84 C.M.: -87

Feature Identifier	Absolute Chainage (ft)	Enbridge Area Number	Enbridge Area Name	Enbridge Chainage (ft)	Description
GWD3030	7,568.53	1	Line 5 Straights of Mackinac - West Loop	7,438.42	Master GW# 3030
GWD3040	7,589.28	1	Line 5 Straights of Mackinac - West Loop	7,458.79	Master GW# 3040
GWD3050	7,614.89	1	Line 5 Straights of Mackinac - West Loop	7,484.06	Master GW# 3050
GWD3060	7,641.61	1	Line 5 Straights of Mackinac - West Loop	7,510.14	Master GW# 3060
GWD3070	7,666.12	1	Line 5 Straights of Mackinac - West Loop	7,534.31	Master GW# 3070
GWD3080	7,692.84	1	Line 5 Straights of Mackinac - West Loop	7,560.71	Master GW# 3080
GWD3090	7,720.03	1	Line 5 Straights of Mackinac - West Loop	7,587.36	Master GW# 3090
GWD3100	7,747.98	1	Line 5 Straights of Mackinac - West Loop	7,614.86	Master GW# 3100
GWD3110	7,775.12	1	Line 5 Straights of Mackinac - West Loop	7,641.66	Master GW# 3110
GWD3120	7,800.97	1	Line 5 Straights of Mackinac - West Loop	7,666.93	Master GW# 3120
GWD3130	7,826.81	1	Line 5 Straights of Mackinac - West Loop	7,692.12	Master GW# 3130
GWD3140	7,854.88	1	Line 5 Straights of Mackinac - West Loop	7,719.89	Master GW# 3140
GWD3150	7,881.88	1	Line 5 Straights of Mackinac - West Loop	7,746.15	Master GW# 3150
GWD3160	7,909.08	1	Line 5 Straights of Mackinac - West Loop	7,772.67	Master GW# 3160
GWD3170	7,937.05	1	Line 5 Straights of Mackinac - West Loop	7,799.88	Master GW# 3170
GWD3180	7,948.50	1	Line 5 Straights of Mackinac - West Loop	7,811.16	Master GW# 3180
GWD3190	7,976.10	1	Line 5 Straights of Mackinac - West Loop	7,838.14	Master GW# 3190
GWD3200	8,004.62	1	Line 5 Straights of Mackinac - West Loop	7,866.15	Master GW# 3200
GWD3210	8,031.32	1	Line 5 Straights of Mackinac - West Loop	7,892.26	Master GW# 3210
GWD3220	8,057.70	1	Line 5 Straights of Mackinac - West Loop	7,918.05	Master GW# 3220
GWD3230	8,083.15	1	Line 5 Straights of Mackinac - West Loop	7,943.01	Master GW# 3230
GWD3240	8,110.54	1	Line 5 Straights of Mackinac - West Loop	7,969.88	Master GW# 3240
GWD3250	8,132.68	1	Line 5 Straights of Mackinac - West Loop	7,991.69	Master GW# 3250
GWD3260	8,157.48	1	Line 5 Straights of Mackinac - West Loop	8,016.26	Master GW# 3260
GWD3270	8,182.24	1	Line 5 Straights of Mackinac - West Loop	8,040.42	Master GW# 3270
GWD3280	8,207.95	1	Line 5 Straights of Mackinac - West Loop	8,065.85	Master GW# 3280
GWD3290	8,233.54	1	Line 5 Straights of Mackinac - West Loop	8,090.85	Master GW# 3290
GWD3300	8,260.29	1	Line 5 Straights of Mackinac - West Loop	8,117.38	Master GW# 3300
GWD3310	8,286.13	1	Line 5 Straights of Mackinac - West Loop	8,143.16	Master GW# 3310
GWD3320	8,314.87	1	Line 5 Straights of Mackinac - West Loop	8,170.90	Master GW# 3320

BHI - Enbridge Chainage Correlation Listing

Client: Enbridge Energy Limited Partnership Run Date: July 30, 2013 Projection: UTM Zone: 16

Project: NPS 20 GEOPIG Geometry Inspection Location: Line 5 Straights of Mackinac - West Loop Datum: WGS 84 C.M.: -87

Feature Identifier	Absolute Chainage (ft)	Enbridge Area Number	Enbridge Area Name	Enbridge Chainage (ft)	Description
GWD3330	8,340.80	1	Line 5 Straights of Mackinac - West Loop	8,196.60	Master GW# 3330
GWD3340	8,369.01	1	Line 5 Straights of Mackinac - West Loop	8,224.45	Master GW# 3340
GWD3350	8,395.53	1	Line 5 Straights of Mackinac - West Loop	8,250.41	Master GW# 3350
GWD3360	8,422.40	1	Line 5 Straights of Mackinac - West Loop	8,277.07	Master GW# 3360
GWD3370	8,450.04	1	Line 5 Straights of Mackinac - West Loop	8,304.04	Master GW# 3370
GWD3380	8,478.32	1	Line 5 Straights of Mackinac - West Loop	8,331.70	Master GW# 3380
GWD3390	8,505.26	1	Line 5 Straights of Mackinac - West Loop	8,358.28	Master GW# 3390
GWD3400	8,527.89	1	Line 5 Straights of Mackinac - West Loop	8,381.16	Master GW# 3400
GWD3410	8,554.69	1	Line 5 Straights of Mackinac - West Loop	8,407.75	Master GW# 3410
GWD3420	8,581.01	1	Line 5 Straights of Mackinac - West Loop	8,433.93	Master GW# 3420
GWD3430	8,607.34	1	Line 5 Straights of Mackinac - West Loop	8,460.16	Master GW# 3430
GWD3440	8,635.28	1	Line 5 Straights of Mackinac - West Loop	8,487.71	Master GW# 3440
GWD3450	8,663.23	1	Line 5 Straights of Mackinac - West Loop	8,515.11	Master GW# 3450
GWD3460	8,686.85	1	Line 5 Straights of Mackinac - West Loop	8,538.38	Master GW# 3460
GWD3470	8,711.45	1	Line 5 Straights of Mackinac - West Loop	8,562.64	Master GW# 3470
GWD3480	8,736.66	1	Line 5 Straights of Mackinac - West Loop	8,587.58	Master GW# 3480
GWD3490	8,761.73	1	Line 5 Straights of Mackinac - West Loop	8,612.19	Master GW# 3490
GWD3500	8,788.78	1	Line 5 Straights of Mackinac - West Loop	8,638.71	Master GW# 3500
GWD3510	8,814.27	1	Line 5 Straights of Mackinac - West Loop	8,664.11	Master GW# 3510
GWD3520	8,839.14	1	Line 5 Straights of Mackinac - West Loop	8,688.83	Master GW# 3520
GWD3530	8,865.66	1	Line 5 Straights of Mackinac - West Loop	8,715.11	Master GW# 3530
GWD3540	8,893.96	1	Line 5 Straights of Mackinac - West Loop	8,742.73	Master GW# 3540
GWD3550	8,918.11	1	Line 5 Straights of Mackinac - West Loop	8,767.27	Master GW# 3550
GWD3560	8,946.11	1	Line 5 Straights of Mackinac - West Loop	8,794.78	Master GW# 3560
GWD3570	8,973.05	1	Line 5 Straights of Mackinac - West Loop	8,821.79	Master GW# 3570
GWD3580	8,998.80	1	Line 5 Straights of Mackinac - West Loop	8,847.52	Master GW# 3580
GWD3590	9,026.37	1	Line 5 Straights of Mackinac - West Loop	8,875.01	Master GW# 3590
GWD3600	9,052.41	1	Line 5 Straights of Mackinac - West Loop	8,900.77	Master GW# 3600
GWD3610	9,078.02	1	Line 5 Straights of Mackinac - West Loop	8,926.49	Master GW# 3610
GWD3620	9,105.56	1	Line 5 Straights of Mackinac - West Loop	8,953.62	Master GW# 3620

BHI - Enbridge Chainage Correlation Listing

Client: Enbridge Energy Limited Partnership Run Date: July 30, 2013 Projection: UTM Zone: 16

Project: NPS 20 GEOPIG Geometry Inspection Location: Line 5 Straights of Mackinac - West Loop Datum: WGS 84 C.M.: -87

Feature Identifier	Absolute Chainage (ft)	Enbridge Area Number	Enbridge Area Name	Enbridge Chainage (ft)	Description
GWD3630	9,133.07	1	Line 5 Straights of Mackinac - West Loop	8,981.08	Master GW# 3630
GWD3640	9,160.58	1	Line 5 Straights of Mackinac - West Loop	9,008.53	Master GW# 3640
GWD3650	9,187.67	1	Line 5 Straights of Mackinac - West Loop	9,035.77	Master GW# 3650
GWD3660	9,214.62	1	Line 5 Straights of Mackinac - West Loop	9,063.22	Master GW# 3660
GWD3670	9,237.24	1	Line 5 Straights of Mackinac - West Loop	9,084.88	Master GW# 3670
GWD3680	9,264.02	1	Line 5 Straights of Mackinac - West Loop	9,111.60	Master GW# 3680
GWD3690	9,290.96	1	Line 5 Straights of Mackinac - West Loop	9,138.40	Master GW# 3690
GWD3700	9,316.16	1	Line 5 Straights of Mackinac - West Loop	9,163.47	Master GW# 3700
GWD3710	9,343.60	1	Line 5 Straights of Mackinac - West Loop	9,190.57	Master GW# 3710
GWD3720	9,371.51	1	Line 5 Straights of Mackinac - West Loop	9,217.88	Master GW# 3720
GWD3730	9,398.97	1	Line 5 Straights of Mackinac - West Loop	9,245.60	Master GW# 3730
GWD3740	9,425.29	1	Line 5 Straights of Mackinac - West Loop	9,271.44	Master GW# 3740
GWD3750	9,453.20	1	Line 5 Straights of Mackinac - West Loop	9,298.95	Master GW# 3750
GWD3760	9,480.05	1	Line 5 Straights of Mackinac - West Loop	9,325.50	Master GW# 3760
GWD3770	9,507.96	1	Line 5 Straights of Mackinac - West Loop	9,353.50	Master GW# 3770
GWD3780	9,535.82	1	Line 5 Straights of Mackinac - West Loop	9,380.81	Master GW# 3780
GWD3790	9,562.67	1	Line 5 Straights of Mackinac - West Loop	9,407.28	Master GW# 3790
GWD3800	9,590.61	1	Line 5 Straights of Mackinac - West Loop	9,434.73	Master GW# 3800
GWD3810	9,617.88	1	Line 5 Straights of Mackinac - West Loop	9,461.63	Master GW# 3810
GWD3820	9,644.71	1	Line 5 Straights of Mackinac - West Loop	9,488.33	Master GW# 3820
GWD3830	9,669.48	1	Line 5 Straights of Mackinac - West Loop	9,512.71	Master GW# 3830
GWD3840	9,693.98	1	Line 5 Straights of Mackinac - West Loop	9,536.94	Master GW# 3840
GWD3850	9,720.34	1	Line 5 Straights of Mackinac - West Loop	9,563.50	Master GW# 3850
GWD3860	9,748.15	1	Line 5 Straights of Mackinac - West Loop	9,590.75	Master GW# 3860
GWD3870	9,776.03	1	Line 5 Straights of Mackinac - West Loop	9,618.35	Master GW# 3870
GWD3880	9,798.84	1	Line 5 Straights of Mackinac - West Loop	9,640.86	Master GW# 3880
GWD3890	9,825.80	1	Line 5 Straights of Mackinac - West Loop	9,667.20	Master GW# 3890
GWD3900	9,853.47	1	Line 5 Straights of Mackinac - West Loop	9,694.48	Master GW# 3900
GWD3910	9,874.09	1	Line 5 Straights of Mackinac - West Loop	9,714.86	Master GW# 3910
GWD3920	9,901.99	1	Line 5 Straights of Mackinac - West Loop	9,742.40	Master GW# 3920

BHI - Enbridge Chainage Correlation Listing

Client: Enbridge Energy Limited Partnership Run Date: July 30, 2013 Projection: UTM Zone: 16

Project: NPS 20 GEOPIG Geometry Inspection Location: Line 5 Straights of Mackinac - West Loop Datum: WGS 84 C.M.: -87

Feature Identifier	Absolute Chainage (ft)	Enbridge Area Number	Enbridge Area Name	Enbridge Chainage (ft)	Description
GWD3930	9,929.48	1	Line 5 Straights of Mackinac - West Loop	9,769.62	Master GW# 3930
GWD3940	9,957.11	1	Line 5 Straights of Mackinac - West Loop	9,796.96	Master GW# 3940
GWD3950	9,984.92	1	Line 5 Straights of Mackinac - West Loop	9,824.78	Master GW# 3950
GWD3960	10,010.21	1	Line 5 Straights of Mackinac - West Loop	9,849.39	Master GW# 3960
GWD3970	10,037.50	1	Line 5 Straights of Mackinac - West Loop	9,876.65	Master GW# 3970
GWD3980	10,064.02	1	Line 5 Straights of Mackinac - West Loop	9,902.99	Master GW# 3980
GWD3990	10,091.92	1	Line 5 Straights of Mackinac - West Loop	9,930.44	Master GW# 3990
GWD4000	10,114.29	1	Line 5 Straights of Mackinac - West Loop	9,952.73	Master GW# 4000
GWD4010	10,141.98	1	Line 5 Straights of Mackinac - West Loop	9,980.27	Master GW# 4010
GWD4020	10,166.59	1	Line 5 Straights of Mackinac - West Loop	10,004.82	Master GW# 4020
GWD4030	10,192.72	1	Line 5 Straights of Mackinac - West Loop	10,030.80	Master GW# 4030
GWD4040	10,216.45	1	Line 5 Straights of Mackinac - West Loop	10,054.28	Master GW# 4040
GWD4050	10,241.35	1	Line 5 Straights of Mackinac - West Loop	10,079.05	Master GW# 4050
GWD4060	10,263.89	1	Line 5 Straights of Mackinac - West Loop	10,101.49	Master GW# 4060
GWD4070	10,288.24	1	Line 5 Straights of Mackinac - West Loop	10,125.68	Master GW# 4070
GWD4080	10,315.23	1	Line 5 Straights of Mackinac - West Loop	10,152.69	Master GW# 4080
GWD4090	10,338.99	1	Line 5 Straights of Mackinac - West Loop	10,176.00	Master GW# 4090
GWD4100	10,365.72	1	Line 5 Straights of Mackinac - West Loop	10,202.56	Master GW# 4100
GWD4110	10,393.10	1	Line 5 Straights of Mackinac - West Loop	10,229.81	Master GW# 4110
GWD4120	10,420.82	1	Line 5 Straights of Mackinac - West Loop	10,257.08	Master GW# 4120
GWD4130	10,447.91	1	Line 5 Straights of Mackinac - West Loop	10,284.10	Master GW# 4130
GWD4140	10,474.68	1	Line 5 Straights of Mackinac - West Loop	10,310.57	Master GW# 4140
GWD4150	10,501.04	1	Line 5 Straights of Mackinac - West Loop	10,336.80	Master GW# 4150
GWD4160	10,513.58	1	Line 5 Straights of Mackinac - West Loop	10,349.19	Master GW# 4160
GWD4170	10,533.12	1	Line 5 Straights of Mackinac - West Loop	10,368.68	Master GW# 4170
GWD4180	10,558.20	1	Line 5 Straights of Mackinac - West Loop	10,393.42	Master GW# 4180
GWD4190	10,585.21	1	Line 5 Straights of Mackinac - West Loop	10,419.94	Master GW# 4190
GWD4200	10,612.77	1	Line 5 Straights of Mackinac - West Loop	10,447.54	Master GW# 4200
GWD4210	10,638.77	1	Line 5 Straights of Mackinac - West Loop	10,473.38	Master GW# 4210
GWD4220	10,665.15	1	Line 5 Straights of Mackinac - West Loop	10,499.69	Master GW# 4220

BHI - Enbridge Chainage Correlation Listing

Client: Enbridge Energy Limited Partnership Run Date: July 30, 2013 Projection: UTM Zone: 16

Project: NPS 20 GEOPIG Geometry Inspection Location: Line 5 Straights of Mackinac - West Loop Datum: WGS 84 C.M.: -87

Feature Identifier	Absolute Chainage (ft)	Enbridge Area Number	Enbridge Area Name	Enbridge Chainage (ft)	Description
GWD4230	10,692.74	1	Line 5 Straights of Mackinac - West Loop	10,526.85	Master GW# 4230
GWD4240	10,714.03	1	Line 5 Straights of Mackinac - West Loop	10,547.77	Master GW# 4240
GWD4250	10,741.29	1	Line 5 Straights of Mackinac - West Loop	10,575.00	Master GW# 4250
GWD4260	10,761.34	1	Line 5 Straights of Mackinac - West Loop	10,594.86	Master GW# 4260
GWD4270	10,786.62	1	Line 5 Straights of Mackinac - West Loop	10,619.98	Master GW# 4270
GWD4280	10,814.01	1	Line 5 Straights of Mackinac - West Loop	10,647.31	Master GW# 4280
GWD4290	10,840.34	1	Line 5 Straights of Mackinac - West Loop	10,673.05	Master GW# 4290
GWD4300	10,868.54	1	Line 5 Straights of Mackinac - West Loop	10,700.86	Master GW# 4300
GWD4310	10,896.15	1	Line 5 Straights of Mackinac - West Loop	10,728.37	Master GW# 4310
GWD4320	10,922.22	1	Line 5 Straights of Mackinac - West Loop	10,754.00	Master GW# 4320
GWD4330	10,949.55	1	Line 5 Straights of Mackinac - West Loop	10,781.10	Master GW# 4330
GWD4340	10,973.03	1	Line 5 Straights of Mackinac - West Loop	10,803.98	Master GW# 4340
GWD4350	11,001.02	1	Line 5 Straights of Mackinac - West Loop	10,831.87	Master GW# 4350
GWD4360	11,026.91	1	Line 5 Straights of Mackinac - West Loop	10,857.29	Master GW# 4360
GWD4370	11,053.55	1	Line 5 Straights of Mackinac - West Loop	10,883.52	Master GW# 4370
GWD4380	11,081.41	1	Line 5 Straights of Mackinac - West Loop	10,911.10	Master GW# 4380
GWD4390	11,105.44	1	Line 5 Straights of Mackinac - West Loop	10,934.74	Master GW# 4390
GWD4400	11,129.27	1	Line 5 Straights of Mackinac - West Loop	10,958.39	Master GW# 4400
GWD4410	11,156.29	1	Line 5 Straights of Mackinac - West Loop	10,985.07	Master GW# 4410
GWD4420	11,183.24	1	Line 5 Straights of Mackinac - West Loop	11,011.64	Master GW# 4420
GWD4430	11,208.56	1	Line 5 Straights of Mackinac - West Loop	11,036.76	Master GW# 4430
GWD4440	11,236.58	1	Line 5 Straights of Mackinac - West Loop	11,064.41	Master GW# 4440
GWD4450	11,262.90	1	Line 5 Straights of Mackinac - West Loop	11,090.71	Master GW# 4450
GWD4460	11,290.69	1	Line 5 Straights of Mackinac - West Loop	11,117.99	Master GW# 4460
GWD4470	11,317.09	1	Line 5 Straights of Mackinac - West Loop	11,144.27	Master GW# 4470
GWD4480	11,341.28	1	Line 5 Straights of Mackinac - West Loop	11,168.37	Master GW# 4480
GWD4490	11,367.17	1	Line 5 Straights of Mackinac - West Loop	11,193.97	Master GW# 4490
GWD4500	11,391.04	1	Line 5 Straights of Mackinac - West Loop	11,217.59	Master GW# 4500
GWD4510	11,418.81	1	Line 5 Straights of Mackinac - West Loop	11,245.23	Master GW# 4510
GWD4520	11,438.22	1	Line 5 Straights of Mackinac - West Loop	11,264.48	Master GW# 4520

BHI - Enbridge Chainage Correlation Listing

Client: Enbridge Energy Limited Partnership Run Date: July 30, 2013 Projection: UTM Zone: 16

Project: NPS 20 GEOPIG Geometry Inspection Location: Line 5 Straights of Mackinac - West Loop Datum: WGS 84 C.M.: -87

Feature Identifier	Absolute Chainage (ft)	Enbridge Area Number	Enbridge Area Name	Enbridge Chainage (ft)	Description
GWD4530	11,465.83	1	Line 5 Straights of Mackinac - West Loop	11,291.97	Master GW# 4530
GWD4540	11,492.05	1	Line 5 Straights of Mackinac - West Loop	11,317.77	Master GW# 4540
GWD4550	11,518.92	1	Line 5 Straights of Mackinac - West Loop	11,344.57	Master GW# 4550
GWD4560	11,545.79	1	Line 5 Straights of Mackinac - West Loop	11,371.01	Master GW# 4560
GWD4570	11,569.12	1	Line 5 Straights of Mackinac - West Loop	11,393.98	Master GW# 4570
GWD4580	11,595.13	1	Line 5 Straights of Mackinac - West Loop	11,419.74	Master GW# 4580
GWD4590	11,620.07	1	Line 5 Straights of Mackinac - West Loop	11,444.59	Master GW# 4590
GWD4600	11,646.99	1	Line 5 Straights of Mackinac - West Loop	11,471.20	Master GW# 4600
GWD4610	11,675.02	1	Line 5 Straights of Mackinac - West Loop	11,498.84	Master GW# 4610
GWD4620	11,700.27	1	Line 5 Straights of Mackinac - West Loop	11,523.96	Master GW# 4620
GWD4630	11,728.00	1	Line 5 Straights of Mackinac - West Loop	11,551.28	Master GW# 4630
GWD4640	11,754.43	1	Line 5 Straights of Mackinac - West Loop	11,577.53	Master GW# 4640
GWD4650	11,781.38	1	Line 5 Straights of Mackinac - West Loop	11,604.21	Master GW# 4650
GWD4660	11,806.52	1	Line 5 Straights of Mackinac - West Loop	11,628.92	Master GW# 4660
GWD4670	11,829.61	1	Line 5 Straights of Mackinac - West Loop	11,652.17	Master GW# 4670
GWD4680	11,853.00	1	Line 5 Straights of Mackinac - West Loop	11,675.27	Master GW# 4680
GWD4690	11,879.11	1	Line 5 Straights of Mackinac - West Loop	11,701.03	Master GW# 4690
GWD4700	11,906.62	1	Line 5 Straights of Mackinac - West Loop	11,728.53	Master GW# 4700
GWD4710	11,931.46	1	Line 5 Straights of Mackinac - West Loop	11,753.69	Master GW# 4710
GWD4720	11,959.50	1	Line 5 Straights of Mackinac - West Loop	11,781.30	Master GW# 4720
GWD4730	11,982.64	1	Line 5 Straights of Mackinac - West Loop	11,804.11	Master GW# 4730
GWD4740	12,009.18	1	Line 5 Straights of Mackinac - West Loop	11,830.21	Master GW# 4740
GWD4750	12,035.68	1	Line 5 Straights of Mackinac - West Loop	11,856.63	Master GW# 4750
GWD4760	12,063.21	1	Line 5 Straights of Mackinac - West Loop	11,883.51	Master GW# 4760
GWD4770	12,089.46	1	Line 5 Straights of Mackinac - West Loop	11,909.75	Master GW# 4770
GWD4780	12,117.32	1	Line 5 Straights of Mackinac - West Loop	11,937.09	Master GW# 4780
GWD4790	12,144.20	1	Line 5 Straights of Mackinac - West Loop	11,963.56	Master GW# 4790
GWD4800	12,170.55	1	Line 5 Straights of Mackinac - West Loop	11,989.65	Master GW# 4800
GWD4810	12,198.08	1	Line 5 Straights of Mackinac - West Loop	12,016.99	Master GW# 4810
GWD4820	12,225.55	1	Line 5 Straights of Mackinac - West Loop	12,043.59	Master GW# 4820

BHI - Enbridge Chainage Correlation Listing

Client: Enbridge Energy Limited Partnership Run Date: July 30, 2013 Projection: UTM Zone: 16

Project: NPS 20 GEOPIG Geometry Inspection Location: Line 5 Straights of Mackinac - West Loop Datum: WGS 84 C.M.: -87

Feature Identifier	Absolute Chainage (ft)	Enbridge Area Number	Enbridge Area Name	Enbridge Chainage (ft)	Description
GWD4830	12,251.96	1	Line 5 Straights of Mackinac - West Loop	12,070.16	Master GW# 4830
GWD4840	12,280.15	1	Line 5 Straights of Mackinac - West Loop	12,097.62	Master GW# 4840
GWD4850	12,306.84	1	Line 5 Straights of Mackinac - West Loop	12,124.04	Master GW# 4850
GWD4860	12,332.65	1	Line 5 Straights of Mackinac - West Loop	12,149.86	Master GW# 4860
GWD4870	12,356.52	1	Line 5 Straights of Mackinac - West Loop	12,173.53	Master GW# 4870
GWD4880	12,378.10	1	Line 5 Straights of Mackinac - West Loop	12,194.58	Master GW# 4880
GWD4890	12,404.62	1	Line 5 Straights of Mackinac - West Loop	12,221.16	Master GW# 4890
GWD4900	12,432.23	1	Line 5 Straights of Mackinac - West Loop	12,248.62	Master GW# 4900
GWD4910	12,455.57	1	Line 5 Straights of Mackinac - West Loop	12,271.49	Master GW# 4910
GWD4920	12,482.64	1	Line 5 Straights of Mackinac - West Loop	12,298.25	Master GW# 4920
GWD4930	12,508.95	1	Line 5 Straights of Mackinac - West Loop	12,324.39	Master GW# 4930
GWD4940	12,536.68	1	Line 5 Straights of Mackinac - West Loop	12,351.90	Master GW# 4940
GWD4950	12,564.17	1	Line 5 Straights of Mackinac - West Loop	12,378.97	Master GW# 4950
GWD4960	12,591.53	1	Line 5 Straights of Mackinac - West Loop	12,406.08	Master GW# 4960
GWD4970	12,615.45	1	Line 5 Straights of Mackinac - West Loop	12,429.68	Master GW# 4970
GWD4980	12,642.13	1	Line 5 Straights of Mackinac - West Loop	12,456.12	Master GW# 4980
GWD4990	12,667.83	1	Line 5 Straights of Mackinac - West Loop	12,481.94	Master GW# 4990
GWD5000	12,695.49	1	Line 5 Straights of Mackinac - West Loop	12,509.16	Master GW# 5000
GWD5010	12,717.64	1	Line 5 Straights of Mackinac - West Loop	12,530.93	Master GW# 5010
GWD5020	12,742.53	1	Line 5 Straights of Mackinac - West Loop	12,555.62	Master GW# 5020
GWD5030	12,769.01	1	Line 5 Straights of Mackinac - West Loop	12,581.72	Master GW# 5030
GWD5040	12,794.44	1	Line 5 Straights of Mackinac - West Loop	12,606.87	Master GW# 5040
GWD5050	12,818.78	1	Line 5 Straights of Mackinac - West Loop	12,630.94	Master GW# 5050
GWD5060	12,844.31	1	Line 5 Straights of Mackinac - West Loop	12,656.06	Master GW# 5060
GWD5070	12,869.94	1	Line 5 Straights of Mackinac - West Loop	12,681.13	Master GW# 5070
GWD5080	12,896.32	1	Line 5 Straights of Mackinac - West Loop	12,706.99	Master GW# 5080
GWD5090	12,922.98	1	Line 5 Straights of Mackinac - West Loop	12,733.16	Master GW# 5090
GWD5100	12,947.58	1	Line 5 Straights of Mackinac - West Loop	12,757.73	Master GW# 5100
GWD5110	12,973.90	1	Line 5 Straights of Mackinac - West Loop	12,783.33	Master GW# 5110
GWD5120	13,001.74	1	Line 5 Straights of Mackinac - West Loop	12,810.54	Master GW# 5120

BHI - Enbridge Chainage Correlation Listing

Client: Enbridge Energy Limited Partnership Run Date: July 30, 2013 Projection: UTM Zone: 16

Project: NPS 20 GEOPIG Geometry Inspection Location: Line 5 Straights of Mackinac - West Loop Datum: WGS 84 C.M.: -87

Feature Identifier	Absolute Chainage (ft)	Enbridge Area Number	Enbridge Area Name	Enbridge Chainage (ft)	Description
GWD5130	13,018.38	1	Line 5 Straights of Mackinac - West Loop	12,826.91	Master GW# 5130
GWD5140	13,044.26	1	Line 5 Straights of Mackinac - West Loop	12,852.69	Master GW# 5140
GWD5150	13,070.06	1	Line 5 Straights of Mackinac - West Loop	12,878.12	Master GW# 5150
GWD5160	13,095.07	1	Line 5 Straights of Mackinac - West Loop	12,902.88	Master GW# 5160
GWD5170	13,122.91	1	Line 5 Straights of Mackinac - West Loop	12,930.31	Master GW# 5170
GWD5180	13,149.82	1	Line 5 Straights of Mackinac - West Loop	12,956.80	Master GW# 5180
GWD5190	13,169.71	1	Line 5 Straights of Mackinac - West Loop	12,976.54	Master GW# 5190
GWD5200	13,196.98	1	Line 5 Straights of Mackinac - West Loop	13,003.33	Master GW# 5200
GWD5210	13,221.29	1	Line 5 Straights of Mackinac - West Loop	13,027.37	Master GW# 5210
GWD5220	13,247.60	1	Line 5 Straights of Mackinac - West Loop	13,053.58	Master GW# 5220
GWD5230	13,275.82	1	Line 5 Straights of Mackinac - West Loop	13,081.73	Master GW# 5230
GWD5240	13,303.09	1	Line 5 Straights of Mackinac - West Loop	13,108.42	Master GW# 5240
GWD5250	13,327.67	1	Line 5 Straights of Mackinac - West Loop	13,133.11	Master GW# 5250
GWD5260	13,354.20	1	Line 5 Straights of Mackinac - West Loop	13,159.39	Master GW# 5260
GWD5270	13,375.66	1	Line 5 Straights of Mackinac - West Loop	13,180.65	Master GW# 5270
GWD5280	13,401.15	1	Line 5 Straights of Mackinac - West Loop	13,205.82	Master GW# 5280
GWD5290	13,426.28	1	Line 5 Straights of Mackinac - West Loop	13,230.72	Master GW# 5290
GWD5300	13,450.47	1	Line 5 Straights of Mackinac - West Loop	13,254.53	Master GW# 5300
GWD5310	13,476.72	1	Line 5 Straights of Mackinac - West Loop	13,280.59	Master GW# 5310
GWD5320	13,503.67	1	Line 5 Straights of Mackinac - West Loop	13,307.45	Master GW# 5320
GWD5330	13,529.15	1	Line 5 Straights of Mackinac - West Loop	13,332.71	Master GW# 5330
GWD5340	13,556.53	1	Line 5 Straights of Mackinac - West Loop	13,359.66	Master GW# 5340
GWD5350	13,584.94	1	Line 5 Straights of Mackinac - West Loop	13,387.67	Master GW# 5350
GWD5360	13,610.21	1	Line 5 Straights of Mackinac - West Loop	13,412.88	Master GW# 5360
GWD5370	13,636.90	1	Line 5 Straights of Mackinac - West Loop	13,439.12	Master GW# 5370
GWD5380	13,664.45	1	Line 5 Straights of Mackinac - West Loop	13,466.04	Master GW# 5380
GWD5390	13,683.19	1	Line 5 Straights of Mackinac - West Loop	13,485.16	Master GW# 5390
GWD5400	13,704.97	1	Line 5 Straights of Mackinac - West Loop	13,506.47	Master GW# 5400
GWD5410	13,728.14	1	Line 5 Straights of Mackinac - West Loop	13,529.10	Master GW# 5410
GWD5420	13,754.37	1	Line 5 Straights of Mackinac - West Loop	13,555.15	Master GW# 5420

BHI - Enbridge Chainage Correlation Listing

Client: Enbridge Energy Limited Partnership Run Date: July 30, 2013 Projection: UTM Zone: 16

Project: NPS 20 GEOPIG Geometry Inspection Location: Line 5 Straights of Mackinac - West Loop Datum: WGS 84 C.M.: -87

Feature Identifier	Absolute Chainage (ft)	Enbridge Area Number	Enbridge Area Name	Enbridge Chainage (ft)	Description
GWD5430	13,782.36	1	Line 5 Straights of Mackinac - West Loop	13,582.56	Master GW# 5430
GWD5440	13,806.87	1	Line 5 Straights of Mackinac - West Loop	13,606.47	Master GW# 5440
GWD5450	13,832.01	1	Line 5 Straights of Mackinac - West Loop	13,631.15	Master GW# 5450
GWD5460	13,859.19	1	Line 5 Straights of Mackinac - West Loop	13,658.01	Master GW# 5460
GWD5470	13,882.90	1	Line 5 Straights of Mackinac - West Loop	13,681.49	Master GW# 5470
GWD5480	13,905.61	1	Line 5 Straights of Mackinac - West Loop	13,703.87	Master GW# 5480
GWD5490	13,932.33	1	Line 5 Straights of Mackinac - West Loop	13,730.00	Master GW# 5490
GWD5500	13,960.35	1	Line 5 Straights of Mackinac - West Loop	13,757.56	Master GW# 5500
GWD5510	13,987.57	1	Line 5 Straights of Mackinac - West Loop	13,784.62	Master GW# 5510
GWD5520	14,014.58	1	Line 5 Straights of Mackinac - West Loop	13,811.14	Master GW# 5520
GWD5530	14,039.28	1	Line 5 Straights of Mackinac - West Loop	13,835.75	Master GW# 5530
GWD5540	14,067.24	1	Line 5 Straights of Mackinac - West Loop	13,863.23	Master GW# 5540
GWD5550	14,094.92	1	Line 5 Straights of Mackinac - West Loop	13,890.69	Master GW# 5550
GWD5560	14,115.70	1	Line 5 Straights of Mackinac - West Loop	13,911.28	Master GW# 5560
GWD5570	14,141.99	1	Line 5 Straights of Mackinac - West Loop	13,937.29	Master GW# 5570
GWD5580	14,167.34	1	Line 5 Straights of Mackinac - West Loop	13,962.79	Master GW# 5580
GWD5590	14,192.85	1	Line 5 Straights of Mackinac - West Loop	13,988.10	Master GW# 5590
GWD5600	14,219.39	1	Line 5 Straights of Mackinac - West Loop	14,014.33	Master GW# 5600
GWD5610	14,240.81	1	Line 5 Straights of Mackinac - West Loop	14,035.58	Master GW# 5610
GWD5620	14,267.97	1	Line 5 Straights of Mackinac - West Loop	14,062.34	Master GW# 5620
GWD5630	14,293.03	1	Line 5 Straights of Mackinac - West Loop	14,087.18	Master GW# 5630
GWD5640	14,320.73	1	Line 5 Straights of Mackinac - West Loop	14,114.58	Master GW# 5640
GWD5650	14,346.58	1	Line 5 Straights of Mackinac - West Loop	14,140.18	Master GW# 5650
GWD5660	14,373.85	1	Line 5 Straights of Mackinac - West Loop	14,167.13	Master GW# 5660
GWD5670	14,400.38	1	Line 5 Straights of Mackinac - West Loop	14,193.44	Master GW# 5670
GWD5680	14,427.69	1	Line 5 Straights of Mackinac - West Loop	14,220.41	Master GW# 5680
GWD5690	14,454.92	1	Line 5 Straights of Mackinac - West Loop	14,247.43	Master GW# 5690
GWD5700	14,482.80	1	Line 5 Straights of Mackinac - West Loop	14,274.88	Master GW# 5700
GWD5710	14,509.73	1	Line 5 Straights of Mackinac - West Loop	14,301.52	Master GW# 5710
GWD5720	14,531.34	1	Line 5 Straights of Mackinac - West Loop	14,323.13	Master GW# 5720

BHI - Enbridge Chainage Correlation Listing

Client: Enbridge Energy Limited Partnership Run Date: July 30, 2013 Projection: UTM Zone: 16

Project: NPS 20 GEOPIG Geometry Inspection Location: Line 5 Straights of Mackinac - West Loop Datum: WGS 84 C.M.: -87

Feature Identifier	Absolute Chainage (ft)	Enbridge Area Number	Enbridge Area Name	Enbridge Chainage (ft)	Description
GWD5730	14,557.43	1	Line 5 Straights of Mackinac - West Loop	14,348.67	Master GW# 5730
GWD5740	14,583.91	1	Line 5 Straights of Mackinac - West Loop	14,374.63	Master GW# 5740
GWD5750	14,610.27	1	Line 5 Straights of Mackinac - West Loop	14,400.19	Master GW# 5750
GWD5760	14,632.50	1	Line 5 Straights of Mackinac - West Loop	14,422.37	Master GW# 5760
GWD5770	14,659.65	1	Line 5 Straights of Mackinac - West Loop	14,445.45	Master GW# 5770
GWD5780	14,681.06	1	Line 5 Straights of Mackinac - West Loop	14,470.24	Master GW# 5780
GWD5790	14,708.52	1	Line 5 Straights of Mackinac - West Loop	14,497.27	Master GW# 5790
GWD5800	14,734.72	1	Line 5 Straights of Mackinac - West Loop	14,522.88	Master GW# 5800
GWD5810	14,760.14	1	Line 5 Straights of Mackinac - West Loop	14,547.98	Master GW# 5810
GWD5820	14,788.43	1	Line 5 Straights of Mackinac - West Loop	14,575.86	Master GW# 5820
GWD5830	14,813.32	1	Line 5 Straights of Mackinac - West Loop	14,600.44	Master GW# 5830
GWD5840	14,838.99	1	Line 5 Straights of Mackinac - West Loop	14,625.60	Master GW# 5840
GWD5850	14,865.30	1	Line 5 Straights of Mackinac - West Loop	14,651.78	Master GW# 5850
GWD5860	14,892.49	1	Line 5 Straights of Mackinac - West Loop	14,678.56	Master GW# 5860
GWD5870	14,919.79	1	Line 5 Straights of Mackinac - West Loop	14,705.83	Master GW# 5870
GWD5880	14,946.29	1	Line 5 Straights of Mackinac - West Loop	14,731.95	Master GW# 5880
GWD5890	14,974.98	1	Line 5 Straights of Mackinac - West Loop	14,760.65	Master GW# 5890
GWD5900	15,003.06	1	Line 5 Straights of Mackinac - West Loop	14,788.25	Master GW# 5900
GWD5910	15,030.83	1	Line 5 Straights of Mackinac - West Loop	14,815.82	Master GW# 5910
GWD5920	15,057.37	1	Line 5 Straights of Mackinac - West Loop	14,841.84	Master GW# 5920
GWD5930	15,085.40	1	Line 5 Straights of Mackinac - West Loop	14,869.70	Master GW# 5930
GWD5940	15,112.89	1	Line 5 Straights of Mackinac - West Loop	14,896.98	Master GW# 5940
GWD5950	15,134.37	1	Line 5 Straights of Mackinac - West Loop	14,918.41	Master GW# 5950
GWD5960	15,159.55	1	Line 5 Straights of Mackinac - West Loop	14,943.55	Master GW# 5960
GWD5970	15,179.39	1	Line 5 Straights of Mackinac - West Loop	14,963.03	Master GW# 5970
GWD5980	15,205.87	1	Line 5 Straights of Mackinac - West Loop	14,989.43	Master GW# 5980
GWD5990	15,233.89	1	Line 5 Straights of Mackinac - West Loop	15,017.10	Master GW# 5990
GWD6000	15,260.97	1	Line 5 Straights of Mackinac - West Loop	15,044.06	Master GW# 6000
GWD6010	15,283.80	1	Line 5 Straights of Mackinac - West Loop	15,066.71	Master GW# 6010
GWD6020	15,311.31	1	Line 5 Straights of Mackinac - West Loop	15,093.99	Master GW# 6020

BHI - Enbridge Chainage Correlation Listing

Client: Enbridge Energy Limited Partnership Run Date: July 30, 2013 Projection: UTM Zone: 16

Project: NPS 20 GEOPIG Geometry Inspection Location: Line 5 Straights of Mackinac - West Loop Datum: WGS 84 C.M.: -87

Feature Identifier	Absolute Chainage (ft)	Enbridge Area Number	Enbridge Area Name	Enbridge Chainage (ft)	Description
GWD6030	15,338.41	1	Line 5 Straights of Mackinac - West Loop	15,120.87	Master GW# 6030
GWD6040	15,365.86	1	Line 5 Straights of Mackinac - West Loop	15,148.15	Master GW# 6040
GWD6050	15,393.56	1	Line 5 Straights of Mackinac - West Loop	15,175.36	Master GW# 6050
GWD6060	15,419.97	1	Line 5 Straights of Mackinac - West Loop	15,201.89	Master GW# 6060
GWD6070	15,442.30	1	Line 5 Straights of Mackinac - West Loop	15,223.95	Master GW# 6070
GWD6080	15,464.57	1	Line 5 Straights of Mackinac - West Loop	15,245.94	Master GW# 6080
GWD6090	15,485.63	1	Line 5 Straights of Mackinac - West Loop	15,266.73	Master GW# 6090
GWD6100	15,511.91	1	Line 5 Straights of Mackinac - West Loop	15,292.61	Master GW# 6100
GWD6110	15,532.15	1	Line 5 Straights of Mackinac - West Loop	15,312.91	Master GW# 6110
GWD6120	15,551.62	1	Line 5 Straights of Mackinac - West Loop	15,332.12	Master GW# 6120
GWD6130	15,577.35	1	Line 5 Straights of Mackinac - West Loop	15,357.80	Master GW# 6130
GWD6140	15,603.57	1	Line 5 Straights of Mackinac - West Loop	15,383.83	Master GW# 6140
GWD6150	15,628.79	1	Line 5 Straights of Mackinac - West Loop	15,408.93	Master GW# 6150
GWD6160	15,655.55	1	Line 5 Straights of Mackinac - West Loop	15,435.47	Master GW# 6160
GWD6170	15,682.25	1	Line 5 Straights of Mackinac - West Loop	15,461.82	Master GW# 6170
GWD6180	15,708.60	1	Line 5 Straights of Mackinac - West Loop	15,488.13	Master GW# 6180
GWD6190	15,735.16	1	Line 5 Straights of Mackinac - West Loop	15,514.58	Master GW# 6190
GWD6200	15,761.42	1	Line 5 Straights of Mackinac - West Loop	15,540.57	Master GW# 6200
GWD6210	15,786.97	1	Line 5 Straights of Mackinac - West Loop	15,565.84	Master GW# 6210
GWD6220	15,814.63	1	Line 5 Straights of Mackinac - West Loop	15,593.47	Master GW# 6220
GWD6230	15,842.68	1	Line 5 Straights of Mackinac - West Loop	15,621.20	Master GW# 6230
GWD6240	15,868.61	1	Line 5 Straights of Mackinac - West Loop	15,647.00	Master GW# 6240
GWD6250	15,895.98	1	Line 5 Straights of Mackinac - West Loop	15,674.17	Master GW# 6250
GWD6260	15,924.08	1	Line 5 Straights of Mackinac - West Loop	15,702.33	Master GW# 6260
GWD6270	15,951.77	1	Line 5 Straights of Mackinac - West Loop	15,729.90	Master GW# 6270
GWD6280	15,978.26	1	Line 5 Straights of Mackinac - West Loop	15,756.19	Master GW# 6280
GWD6290	16,005.13	1	Line 5 Straights of Mackinac - West Loop	15,782.90	Master GW# 6290
GWD6300	16,029.39	1	Line 5 Straights of Mackinac - West Loop	15,807.02	Master GW# 6300
GWD6310	16,056.47	1	Line 5 Straights of Mackinac - West Loop	15,833.58	Master GW# 6310
GWD6320	16,084.99	1	Line 5 Straights of Mackinac - West Loop	15,861.88	Master GW# 6320

BHI - Enbridge Chainage Correlation Listing

Client: Enbridge Energy Limited Partnership Run Date: July 30, 2013 Projection: UTM Zone: 16

Project: NPS 20 GEOPIG Geometry Inspection Location: Line 5 Straights of Mackinac - West Loop Datum: WGS 84 C.M.: -87

Feature Identifier	Absolute Chainage (ft)	Enbridge Area Number	Enbridge Area Name	Enbridge Chainage (ft)	Description
GWD6330	16,111.79	1	Line 5 Straights of Mackinac - West Loop	15,888.27	Master GW# 6330
GWD6340	16,137.64	1	Line 5 Straights of Mackinac - West Loop	15,914.14	Master GW# 6340
GWD6350	16,164.19	1	Line 5 Straights of Mackinac - West Loop	15,940.15	Master GW# 6350
GWD6360	16,191.61	1	Line 5 Straights of Mackinac - West Loop	15,967.13	Master GW# 6360
GWD6370	16,216.90	1	Line 5 Straights of Mackinac - West Loop	15,992.90	Master GW# 6370
GWD6380	16,236.97	1	Line 5 Straights of Mackinac - West Loop	16,012.27	Master GW# 6380
GWD6390	16,263.56	1	Line 5 Straights of Mackinac - West Loop	16,038.42	Master GW# 6390
GWD6400	16,289.19	1	Line 5 Straights of Mackinac - West Loop	16,063.45	Master GW# 6400
GWD6410	16,316.13	1	Line 5 Straights of Mackinac - West Loop	16,089.98	Master GW# 6410
GWD6420	16,342.03	1	Line 5 Straights of Mackinac - West Loop	16,115.89	Master GW# 6420
GWD6430	16,369.88	1	Line 5 Straights of Mackinac - West Loop	16,143.22	Master GW# 6430
GWD6440	16,397.86	1	Line 5 Straights of Mackinac - West Loop	16,170.70	Master GW# 6440
GWD6450	16,425.28	1	Line 5 Straights of Mackinac - West Loop	16,197.77	Master GW# 6450
GWD6460	16,453.16	1	Line 5 Straights of Mackinac - West Loop	16,225.48	Master GW# 6460
GWD6470	16,476.76	1	Line 5 Straights of Mackinac - West Loop	16,249.05	Master GW# 6470
GWD6480	16,500.90	1	Line 5 Straights of Mackinac - West Loop	16,273.08	Master GW# 6480
GWD6490	16,528.58	1	Line 5 Straights of Mackinac - West Loop	16,300.43	Master GW# 6490
GWD6500	16,550.26	1	Line 5 Straights of Mackinac - West Loop	16,322.12	Master GW# 6500
GWD6510	16,574.58	1	Line 5 Straights of Mackinac - West Loop	16,346.07	Master GW# 6510
GWD6520	16,599.87	1	Line 5 Straights of Mackinac - West Loop	16,371.20	Master GW# 6520
GWD6530	16,619.38	1	Line 5 Straights of Mackinac - West Loop	16,390.71	Master GW# 6530
GWD6540	16,645.75	1	Line 5 Straights of Mackinac - West Loop	16,416.70	Master GW# 6540
GWD6550	16,671.02	1	Line 5 Straights of Mackinac - West Loop	16,441.80	Master GW# 6550
GWD6560	16,695.87	1	Line 5 Straights of Mackinac - West Loop	16,466.41	Master GW# 6560
GWD6570	16,723.98	1	Line 5 Straights of Mackinac - West Loop	16,494.13	Master GW# 6570
GWD6580	16,748.58	1	Line 5 Straights of Mackinac - West Loop	16,518.27	Master GW# 6580
GWD6590	16,774.75	1	Line 5 Straights of Mackinac - West Loop	16,544.37	Master GW# 6590
GWD6600	16,802.28	1	Line 5 Straights of Mackinac - West Loop	16,571.43	Master GW# 6600
GWD6610	16,828.19	1	Line 5 Straights of Mackinac - West Loop	16,597.08	Master GW# 6610
GWD6620	16,852.61	1	Line 5 Straights of Mackinac - West Loop	16,621.46	Master GW# 6620

BHI - Enbridge Chainage Correlation Listing

Client: Enbridge Energy Limited Partnership Run Date: July 30, 2013 Projection: UTM Zone: 16

Project: NPS 20 GEOPIG Geometry Inspection Location: Line 5 Straights of Mackinac - West Loop Datum: WGS 84 C.M.: -87

Feature Identifier	Absolute Chainage (ft)	Enbridge Area Number	Enbridge Area Name	Enbridge Chainage (ft)	Description
GWD6630	16,880.57	1	Line 5 Straights of Mackinac - West Loop	16,648.88	Master GW# 6630
GWD6640	16,906.80	1	Line 5 Straights of Mackinac - West Loop	16,674.72	Master GW# 6640
GWD6650	16,930.83	1	Line 5 Straights of Mackinac - West Loop	16,698.34	Master GW# 6650
GWD6660	16,952.15	1	Line 5 Straights of Mackinac - West Loop	16,719.48	Master GW# 6660
GWD6670	16,974.47	1	Line 5 Straights of Mackinac - West Loop	16,741.77	Master GW# 6670
GWD6680	16,997.15	1	Line 5 Straights of Mackinac - West Loop	16,764.08	Master GW# 6680
GWD6690	17,021.08	1	Line 5 Straights of Mackinac - West Loop	16,787.92	Master GW# 6690
GWD6700	17,048.65	1	Line 5 Straights of Mackinac - West Loop	16,815.40	Master GW# 6700
GWD6710	17,075.06	1	Line 5 Straights of Mackinac - West Loop	16,841.55	Master GW# 6710
GWD6720	17,099.12	1	Line 5 Straights of Mackinac - West Loop	16,865.28	Master GW# 6720
GWD6730	17,120.42	1	Line 5 Straights of Mackinac - West Loop	16,886.44	Master GW# 6730
GWD6740	17,148.00	1	Line 5 Straights of Mackinac - West Loop	16,913.57	Master GW# 6740
GWD6750	17,175.69	1	Line 5 Straights of Mackinac - West Loop	16,941.13	Master GW# 6750
GWD6760	17,201.66	1	Line 5 Straights of Mackinac - West Loop	16,966.99	Master GW# 6760
GWD6770	17,229.84	1	Line 5 Straights of Mackinac - West Loop	16,994.67	Master GW# 6770
GWD6780	17,257.70	1	Line 5 Straights of Mackinac - West Loop	17,022.12	Master GW# 6780
GWD6790	17,284.36	1	Line 5 Straights of Mackinac - West Loop	17,048.66	Master GW# 6790
GWD6800	17,310.47	1	Line 5 Straights of Mackinac - West Loop	17,074.60	Master GW# 6800
GWD6810	17,337.52	1	Line 5 Straights of Mackinac - West Loop	17,101.69	Master GW# 6810
GWD6820	17,365.18	1	Line 5 Straights of Mackinac - West Loop	17,128.92	Master GW# 6820
GWD6830	17,390.90	1	Line 5 Straights of Mackinac - West Loop	17,155.00	Master GW# 6830
GWD6840	17,417.16	1	Line 5 Straights of Mackinac - West Loop	17,181.22	Master GW# 6840
GWD6850	17,443.60	1	Line 5 Straights of Mackinac - West Loop	17,207.65	Master GW# 6850
GWD6860	17,469.61	1	Line 5 Straights of Mackinac - West Loop	17,233.18	Master GW# 6860
GWD6870	17,496.22	1	Line 5 Straights of Mackinac - West Loop	17,259.61	Master GW# 6870
GWD6880	17,523.21	1	Line 5 Straights of Mackinac - West Loop	17,286.34	Master GW# 6880
GWD6890	17,551.45	1	Line 5 Straights of Mackinac - West Loop	17,314.19	Master GW# 6890
GWD6900	17,578.62	1	Line 5 Straights of Mackinac - West Loop	17,341.39	Master GW# 6900
GWD6910	17,604.71	1	Line 5 Straights of Mackinac - West Loop	17,367.82	Master GW# 6910
GWD6920	17,631.92	1	Line 5 Straights of Mackinac - West Loop	17,394.67	Master GW# 6920

BHI - Enbridge Chainage Correlation Listing

Client: Enbridge Energy Limited Partnership Run Date: July 30, 2013 Projection: UTM Zone: 16

Project: NPS 20 GEOPIG Geometry Inspection Location: Line 5 Straights of Mackinac - West Loop Datum: WGS 84 C.M.: -87

Feature Identifier	Absolute Chainage (ft)	Enbridge Area Number	Enbridge Area Name	Enbridge Chainage (ft)	Description
GWD6930	17,659.16	1	Line 5 Straights of Mackinac - West Loop	17,420.85	Master GW# 6930
GWD6940	17,686.75	1	Line 5 Straights of Mackinac - West Loop	17,447.89	Master GW# 6940
GWD6950	17,713.27	1	Line 5 Straights of Mackinac - West Loop	17,474.42	Master GW# 6950
GWD6960	17,739.97	1	Line 5 Straights of Mackinac - West Loop	17,500.68	Master GW# 6960
GWD6970	17,766.76	1	Line 5 Straights of Mackinac - West Loop	17,527.23	Master GW# 6970
GWD6980	17,793.92	1	Line 5 Straights of Mackinac - West Loop	17,554.29	Master GW# 6980
GWD6990	17,821.18	1	Line 5 Straights of Mackinac - West Loop	17,580.93	Master GW# 6990
GWD7000	17,848.54	1	Line 5 Straights of Mackinac - West Loop	17,607.86	Master GW# 7000
GWD7010	17,874.94	1	Line 5 Straights of Mackinac - West Loop	17,633.99	Master GW# 7010
GWD7020	17,901.15	1	Line 5 Straights of Mackinac - West Loop	17,659.68	Master GW# 7020
GWD7030	17,928.47	1	Line 5 Straights of Mackinac - West Loop	17,687.04	Master GW# 7030
GWD7040	17,954.21	1	Line 5 Straights of Mackinac - West Loop	17,712.18	Master GW# 7040
GWD7050	17,980.70	1	Line 5 Straights of Mackinac - West Loop	17,738.50	Master GW# 7050
GWD7060	18,005.00	1	Line 5 Straights of Mackinac - West Loop	17,762.82	Master GW# 7060
GWD7070	18,031.25	1	Line 5 Straights of Mackinac - West Loop	17,788.92	Master GW# 7070
GWD7080	18,054.30	1	Line 5 Straights of Mackinac - West Loop	17,811.79	Master GW# 7080
GWD7090	18,080.71	1	Line 5 Straights of Mackinac - West Loop	17,838.15	Master GW# 7090
GWD7100	18,107.68	1	Line 5 Straights of Mackinac - West Loop	17,864.86	Master GW# 7100
GWD7110	18,132.51	1	Line 5 Straights of Mackinac - West Loop	17,889.29	Master GW# 7110
GWD7120	18,159.87	1	Line 5 Straights of Mackinac - West Loop	17,916.24	Master GW# 7120
GWD7130	18,187.92	1	Line 5 Straights of Mackinac - West Loop	17,944.15	Master GW# 7130
GWD7140	18,213.15	1	Line 5 Straights of Mackinac - West Loop	17,968.86	Master GW# 7140
GWD7150	18,239.84	1	Line 5 Straights of Mackinac - West Loop	17,995.40	Master GW# 7150
GWD7160	18,266.80	1	Line 5 Straights of Mackinac - West Loop	18,021.90	Master GW# 7160
GWD7170	18,293.76	1	Line 5 Straights of Mackinac - West Loop	18,048.69	Master GW# 7170
GWD7180	18,315.10	1	Line 5 Straights of Mackinac - West Loop	18,069.85	Master GW# 7180
GWD7190	18,339.96	1	Line 5 Straights of Mackinac - West Loop	18,095.37	Master GW# 7190
GWD7200	18,363.66	1	Line 5 Straights of Mackinac - West Loop	18,118.38	Master GW# 7200
GWD7210	18,391.59	1	Line 5 Straights of Mackinac - West Loop	18,145.34	Master GW# 7210
GWD7220	18,417.00	1	Line 5 Straights of Mackinac - West Loop	18,170.47	Master GW# 7220

BHI - Enbridge Chainage Correlation Listing

Client: Enbridge Energy Limited Partnership Run Date: July 30, 2013 Projection: UTM Zone: 16

Project: NPS 20 GEOPIG Geometry Inspection Location: Line 5 Straights of Mackinac - West Loop Datum: WGS 84 C.M.: -87

Feature Identifier	Absolute Chainage (ft)	Enbridge Area Number	Enbridge Area Name	Enbridge Chainage (ft)	Description
GWD7230	18,445.09	1	Line 5 Straights of Mackinac - West Loop	18,198.14	Master GW# 7230
GWD7240	18,470.88	1	Line 5 Straights of Mackinac - West Loop	18,223.58	Master GW# 7240
GWD7250	18,498.50	1	Line 5 Straights of Mackinac - West Loop	18,250.75	Master GW# 7250
GWD7260	18,524.14	1	Line 5 Straights of Mackinac - West Loop	18,276.28	Master GW# 7260
GWD7270	18,550.55	1	Line 5 Straights of Mackinac - West Loop	18,302.52	Master GW# 7270
GWD7280	18,579.17	1	Line 5 Straights of Mackinac - West Loop	18,330.70	Master GW# 7280
GWD7290	18,606.81	1	Line 5 Straights of Mackinac - West Loop	18,357.77	Master GW# 7290
GWD7300	18,634.39	1	Line 5 Straights of Mackinac - West Loop	18,385.09	Master GW# 7300
GWD7310	18,658.64	1	Line 5 Straights of Mackinac - West Loop	18,408.85	Master GW# 7310
GWD7320	18,686.46	1	Line 5 Straights of Mackinac - West Loop	18,436.47	Master GW# 7320
GWD7330	18,711.45	1	Line 5 Straights of Mackinac - West Loop	18,461.18	Master GW# 7330
GWD7340	18,737.96	1	Line 5 Straights of Mackinac - West Loop	18,487.54	Master GW# 7340
GWD7350	18,765.24	1	Line 5 Straights of Mackinac - West Loop	18,514.81	Master GW# 7350
GWD7360	18,789.90	1	Line 5 Straights of Mackinac - West Loop	18,539.20	Master GW# 7360
GWD7370	18,815.03	1	Line 5 Straights of Mackinac - West Loop	18,564.30	Master GW# 7370
GWD7380	18,839.88	1	Line 5 Straights of Mackinac - West Loop	18,588.95	Master GW# 7380
GWD7390	18,865.05	1	Line 5 Straights of Mackinac - West Loop	18,613.77	Master GW# 7390
GWD7400	18,891.54	1	Line 5 Straights of Mackinac - West Loop	18,640.20	Master GW# 7400
GWD7410	18,914.08	1	Line 5 Straights of Mackinac - West Loop	18,662.51	Master GW# 7410
GWD7420	18,941.77	1	Line 5 Straights of Mackinac - West Loop	18,689.82	Master GW# 7420
GWD7430	18,968.06	1	Line 5 Straights of Mackinac - West Loop	18,715.92	Master GW# 7430
GWD7440	18,994.61	1	Line 5 Straights of Mackinac - West Loop	18,742.44	Master GW# 7440
GWD7450	19,018.25	1	Line 5 Straights of Mackinac - West Loop	18,766.26	Master GW# 7450
GWD7460	19,045.93	1	Line 5 Straights of Mackinac - West Loop	18,793.74	Master GW# 7460
GWD7470	19,070.81	1	Line 5 Straights of Mackinac - West Loop	18,818.74	Master GW# 7470
GWD7480	19,097.48	1	Line 5 Straights of Mackinac - West Loop	18,844.92	Master GW# 7480
GWD7490	19,123.19	1	Line 5 Straights of Mackinac - West Loop	18,870.31	Master GW# 7490
GWD7500	19,150.95	1	Line 5 Straights of Mackinac - West Loop	18,897.64	Master GW# 7500
GWD7510	19,171.23	1	Line 5 Straights of Mackinac - West Loop	18,917.99	Master GW# 7510
GWD7520	19,197.98	1	Line 5 Straights of Mackinac - West Loop	18,944.71	Master GW# 7520

BHI - Enbridge Chainage Correlation Listing

Client: Enbridge Energy Limited Partnership Run Date: July 30, 2013 Projection: UTM Zone: 16

Project: NPS 20 GEOPIG Geometry Inspection Location: Line 5 Straights of Mackinac - West Loop Datum: WGS 84 C.M.: -87

Feature Identifier	Absolute Chainage (ft)	Enbridge Area Number	Enbridge Area Name	Enbridge Chainage (ft)	Description
GWD7530	19,223.94	1	Line 5 Straights of Mackinac - West Loop	18,969.93	Master GW# 7530
GWD7540	19,251.02	1	Line 5 Straights of Mackinac - West Loop	18,997.15	Master GW# 7540
GWD7550	19,271.08	1	Line 5 Straights of Mackinac - West Loop	19,016.80	Master GW# 7550
GWD7560	19,298.86	1	Line 5 Straights of Mackinac - West Loop	19,043.99	Master GW# 7560
GWD7570	19,325.49	1	Line 5 Straights of Mackinac - West Loop	19,070.60	Master GW# 7570
GWD7580	19,350.59	1	Line 5 Straights of Mackinac - West Loop	19,095.21	Master GW# 7580
GWD7590	19,377.57	1	Line 5 Straights of Mackinac - West Loop	19,121.98	Master GW# 7590
GWD7600	19,401.98	1	Line 5 Straights of Mackinac - West Loop	19,146.04	Master GW# 7600
GWD7610	19,428.36	1	Line 5 Straights of Mackinac - West Loop	19,172.04	Master GW# 7610
GWD7620	19,451.10	1	Line 5 Straights of Mackinac - West Loop	19,194.38	Master GW# 7620
GWD7630	19,479.69	1	Line 5 Straights of Mackinac - West Loop	19,222.68	Master GW# 7630
GWD7640	19,505.75	1	Line 5 Straights of Mackinac - West Loop	19,248.71	Master GW# 7640
GWD7650	19,534.05	1	Line 5 Straights of Mackinac - West Loop	19,276.27	Master GW# 7650
GWD7660	19,557.33	1	Line 5 Straights of Mackinac - West Loop	19,299.25	Master GW# 7660
GWD7670	19,581.23	1	Line 5 Straights of Mackinac - West Loop	19,322.89	Master GW# 7670
GWD7680	19,608.00	1	Line 5 Straights of Mackinac - West Loop	19,349.26	Master GW# 7680
GWD7690	19,628.64	1	Line 5 Straights of Mackinac - West Loop	19,369.68	Master GW# 7690
GWD7700	19,651.53	1	Line 5 Straights of Mackinac - West Loop	19,392.10	Master GW# 7700
GWD7710	19,674.49	1	Line 5 Straights of Mackinac - West Loop	19,415.24	Master GW# 7710
GWD7720	19,700.70	1	Line 5 Straights of Mackinac - West Loop	19,441.74	Master GW# 7720
GWD7730	19,728.94	1	Line 5 Straights of Mackinac - West Loop	19,468.43	Master GW# 7730
GWD7740	19,751.43	1	Line 5 Straights of Mackinac - West Loop	19,490.87	Master GW# 7740
GWD7750	19,779.17	1	Line 5 Straights of Mackinac - West Loop	19,518.01	Master GW# 7750
GWD7760	19,807.33	1	Line 5 Straights of Mackinac - West Loop	19,545.87	Master GW# 7760
GWD7770	19,832.84	1	Line 5 Straights of Mackinac - West Loop	19,570.99	Master GW# 7770
GWD7780	19,859.24	1	Line 5 Straights of Mackinac - West Loop	19,597.40	Master GW# 7780
GWD7790	19,883.66	1	Line 5 Straights of Mackinac - West Loop	19,621.80	Master GW# 7790
GWD7800	19,910.13	1	Line 5 Straights of Mackinac - West Loop	19,647.93	Master GW# 7800
GWD7810	19,936.53	1	Line 5 Straights of Mackinac - West Loop	19,674.03	Master GW# 7810
GWD7820	19,964.32	1	Line 5 Straights of Mackinac - West Loop	19,701.84	Master GW# 7820

BHI - Enbridge Chainage Correlation Listing

Client: Enbridge Energy Limited Partnership Run Date: July 30, 2013 Projection: UTM Zone: 16

Project: NPS 20 GEOPIG Geometry Inspection Location: Line 5 Straights of Mackinac - West Loop Datum: WGS 84 C.M.: -87

Feature Identifier	Absolute Chainage (ft)	Enbridge Area Number	Enbridge Area Name	Enbridge Chainage (ft)	Description
GWD7830	19,989.12	1	Line 5 Straights of Mackinac - West Loop	19,726.45	Master GW# 7830
GWD7840	20,016.29	1	Line 5 Straights of Mackinac - West Loop	19,753.51	Master GW# 7840
GWD7850	20,041.72	1	Line 5 Straights of Mackinac - West Loop	19,778.35	Master GW# 7850
GWD7860	20,065.26	1	Line 5 Straights of Mackinac - West Loop	19,801.91	Master GW# 7860
GWD7870	20,092.26	1	Line 5 Straights of Mackinac - West Loop	19,828.61	Master GW# 7870
GWD7880	20,115.49	1	Line 5 Straights of Mackinac - West Loop	19,851.67	Master GW# 7880
GWD7890	20,137.06	1	Line 5 Straights of Mackinac - West Loop	19,873.21	Master GW# 7890
GWD7900	20,163.26	1	Line 5 Straights of Mackinac - West Loop	19,899.46	Master GW# 7900
GWD7910	20,186.95	1	Line 5 Straights of Mackinac - West Loop	19,923.03	Master GW# 7910
GWD7920	20,213.80	1	Line 5 Straights of Mackinac - West Loop	19,949.19	Master GW# 7920
GWD7930	20,240.54	1	Line 5 Straights of Mackinac - West Loop	19,976.17	Master GW# 7930
GWD7940	20,265.94	1	Line 5 Straights of Mackinac - West Loop	20,000.95	Master GW# 7940
GWD7950	20,293.48	1	Line 5 Straights of Mackinac - West Loop	20,028.33	Master GW# 7950
GWD7960	20,320.03	1	Line 5 Straights of Mackinac - West Loop	20,054.28	Master GW# 7960
GWD7970	20,347.21	1	Line 5 Straights of Mackinac - West Loop	20,081.25	Master GW# 7970
GWD7980	20,374.38	1	Line 5 Straights of Mackinac - West Loop	20,108.21	Master GW# 7980
GWD7990	20,402.50	1	Line 5 Straights of Mackinac - West Loop	20,136.01	Master GW# 7990
GWD8000	20,427.70	1	Line 5 Straights of Mackinac - West Loop	20,160.80	Master GW# 8000
GWD8010	20,454.95	1	Line 5 Straights of Mackinac - West Loop	20,187.77	Master GW# 8010
GWD8020	20,481.50	1	Line 5 Straights of Mackinac - West Loop	20,214.11	Master GW# 8020
GWD8030	20,509.52	1	Line 5 Straights of Mackinac - West Loop	20,241.59	Master GW# 8030
GWD8040	20,537.03	1	Line 5 Straights of Mackinac - West Loop	20,268.36	Master GW# 8040
GWD8050	20,563.88	1	Line 5 Straights of Mackinac - West Loop	20,295.16	Master GW# 8050
GWD8060	20,589.40	1	Line 5 Straights of Mackinac - West Loop	20,320.26	Master GW# 8060
GWD8070	20,615.02	1	Line 5 Straights of Mackinac - West Loop	20,345.78	Master GW# 8070
GWD8080	20,641.15	1	Line 5 Straights of Mackinac - West Loop	20,371.64	Master GW# 8080
GWD8090	20,668.83	1	Line 5 Straights of Mackinac - West Loop	20,399.08	Master GW# 8090
GWD8100	20,695.40	1	Line 5 Straights of Mackinac - West Loop	20,425.43	Master GW# 8100
GWD8110	20,722.84	1	Line 5 Straights of Mackinac - West Loop	20,452.61	Master GW# 8110
GWD8120	20,750.09	1	Line 5 Straights of Mackinac - West Loop	20,479.38	Master GW# 8120

BHI - Enbridge Chainage Correlation Listing

Client: Enbridge Energy Limited Partnership Run Date: July 30, 2013 Projection: UTM Zone: 16

Project: NPS 20 GEOPIG Geometry Inspection Location: Line 5 Straights of Mackinac - West Loop Datum: WGS 84 C.M.: -87

Feature Identifier	Absolute Chainage (ft)	Enbridge Area Number	Enbridge Area Name	Enbridge Chainage (ft)	Description
GWD8130	20,776.20	1	Line 5 Straights of Mackinac - West Loop	20,505.61	Master GW# 8130
GWD8140	20,796.80	1	Line 5 Straights of Mackinac - West Loop	20,526.15	Master GW# 8140
GWD8150	20,820.34	1	Line 5 Straights of Mackinac - West Loop	20,549.51	Master GW# 8150
GWD8160	20,847.46	1	Line 5 Straights of Mackinac - West Loop	20,576.29	Master GW# 8160
GWD8170	20,869.08	1	Line 5 Straights of Mackinac - West Loop	20,597.62	Master GW# 8170
GWD8180	20,896.99	1	Line 5 Straights of Mackinac - West Loop	20,625.21	Master GW# 8180
GWD8190	20,923.27	1	Line 5 Straights of Mackinac - West Loop	20,651.16	Master GW# 8190
GWD8200	20,949.84	1	Line 5 Straights of Mackinac - West Loop	20,677.68	Master GW# 8200
GWD8210	20,976.88	1	Line 5 Straights of Mackinac - West Loop	20,704.53	Master GW# 8210
GWD8220	21,004.15	1	Line 5 Straights of Mackinac - West Loop	20,731.73	Master GW# 8220
GWD8230	21,027.96	1	Line 5 Straights of Mackinac - West Loop	20,755.22	Master GW# 8230
GWD8240	21,052.25	1	Line 5 Straights of Mackinac - West Loop	20,779.44	Master GW# 8240
GWD8250	21,079.06	1	Line 5 Straights of Mackinac - West Loop	20,805.60	Master GW# 8250
GWD8260	21,101.25	1	Line 5 Straights of Mackinac - West Loop	20,827.42	Master GW# 8260
GWD8270	21,128.01	1	Line 5 Straights of Mackinac - West Loop	20,853.74	Master GW# 8270
GWD8280	21,155.11	1	Line 5 Straights of Mackinac - West Loop	20,880.81	Master GW# 8280
GWD8290	21,183.06	1	Line 5 Straights of Mackinac - West Loop	20,908.21	Master GW# 8290
GWD8300	21,207.40	1	Line 5 Straights of Mackinac - West Loop	20,932.04	Master GW# 8300
GWD8310	21,233.64	1	Line 5 Straights of Mackinac - West Loop	20,959.66	Master GW# 8310
GWD8320	21,262.35	1	Line 5 Straights of Mackinac - West Loop	20,986.50	Master GW# 8320
GWD8330	21,286.48	1	Line 5 Straights of Mackinac - West Loop	21,010.13	Master GW# 8330
GWD8340	21,313.34	1	Line 5 Straights of Mackinac - West Loop	21,037.02	Master GW# 8340
GWD8350	21,338.04	1	Line 5 Straights of Mackinac - West Loop	21,061.33	Master GW# 8350
GWD8360	21,365.20	1	Line 5 Straights of Mackinac - West Loop	21,088.56	Master GW# 8360
GWD8370	21,391.61	1	Line 5 Straights of Mackinac - West Loop	21,114.99	Master GW# 8370
GWD8380	21,415.48	1	Line 5 Straights of Mackinac - West Loop	21,138.65	Master GW# 8380
GWD8390	21,434.19	1	Line 5 Straights of Mackinac - West Loop	21,157.54	Master GW# 8390
GWD8400	21,461.85	1	Line 5 Straights of Mackinac - West Loop	21,185.23	Master GW# 8400
GWD8410	21,486.11	1	Line 5 Straights of Mackinac - West Loop	21,208.89	Master GW# 8410
GWD8420	21,511.54	1	Line 5 Straights of Mackinac - West Loop	21,234.08	Master GW# 8420

BHI - Enbridge Chainage Correlation Listing

Client: Enbridge Energy Limited Partnership
Project: NPS 20 GEOPIG Geometry Inspection
Run Date: July 30, 2013
Location: Line 5 Straights of Mackinac - West Loop
Projection: UTM
Datum: WGS 84
Zone: 16
C.M.: -87

BAKER HUGHES

Feature Identifier	Absolute Chainage (ft)	Enbridge Area Number	Enbridge Area Name	Enbridge Chainage (ft)	Description
GWD8430	21,538.27	1	Line 5 Straights of Mackinac - West Loop	21,260.85	Master GW# 8430
GWD8440	21,561.29	1	Line 5 Straights of Mackinac - West Loop	21,283.76	Master GW# 8440
GWD8450	21,584.57	1	Line 5 Straights of Mackinac - West Loop	21,306.63	Master GW# 8450
GWD8460	21,611.86	1	Line 5 Straights of Mackinac - West Loop	21,333.81	Master GW# 8460
GWD8470	21,637.10	1	Line 5 Straights of Mackinac - West Loop	21,358.81	Master GW# 8470
GWD8480	21,662.23	1	Line 5 Straights of Mackinac - West Loop	21,383.50	Master GW# 8480
GWD8490	21,689.92	1	Line 5 Straights of Mackinac - West Loop	21,410.83	Master GW# 8490
GWD8500	21,716.95	1	Line 5 Straights of Mackinac - West Loop	21,437.27	Master GW# 8500
GWD8510	21,743.33	1	Line 5 Straights of Mackinac - West Loop	21,463.13	Master GW# 8510
GWD8520	21,771.51	1	Line 5 Straights of Mackinac - West Loop	21,491.11	Master GW# 8520
GWD8530	21,797.65	1	Line 5 Straights of Mackinac - West Loop	21,516.85	Master GW# 8530
GWD8540	21,800.43	1	Line 5 Straights of Mackinac - West Loop	21,519.68	Master GW# 8540
GWD8545	21,801.83	1	Line 5 Straights of Mackinac - West Loop	21,521.17	Master GW# 8545
GWD8555	21,802.90	1	Line 5 Straights of Mackinac - West Loop	21,522.18	Master GW# 8555
GWD8560	21,804.36	1	Line 5 Straights of Mackinac - West Loop	21,523.36	Master GW# 8560
GWD8570	21,824.96	1	Line 5 Straights of Mackinac - West Loop	21,544.33	Master GW# 8570
GWD8580	21,827.78	1	Line 5 Straights of Mackinac - West Loop	21,546.53	Master GW# 8580
GWD8590	21,830.18	1	Line 5 Straights of Mackinac - West Loop	21,549.50	Master GW# 8590
GWD8620	21,833.55	1	Line 5 Straights of Mackinac - West Loop	21,551.40	Master GW# 8620
GWD8630	21,855.20	1	Line 5 Straights of Mackinac - West Loop	21,573.85	Master GW# 8630
GWD8640	21,865.19	1	Line 5 Straights of Mackinac - West Loop	21,583.88	Master GW# 8640
GWD8660	21,884.73	1	Line 5 Straights of Mackinac - West Loop	21,603.55	Master GW# 8641