Wall Thickness Transition Listing

Client: Enbridge Energy Limited Partnership | Run Date: July 31, 2013 | Projection: UTM | Zone: 16

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

Feature Identifier	Absolute Distance (ft)	Enbridge Chainage (ft)	Nominal WT D/S from GWD (in)	Length (ft)	Northing (m)	Easting (m)	Height (m)
GWD 21	36.06	.0	.500	124.76	5,078,854.80	674,423.47	141.21
GWD 141	160.82	184.4	.812	21,616.49	5,078,839.19	674,456.41	138.81
GWD 8790	21,777.31	21,821.2	.812	.00	5,072,715.92	672,971.12	163.23