

**MP 608 – Marshall, Michigan Incident
NTSB/PHMSA Information Request No. 344**

- 344 Reference:** NTSB email request of February 13, 2012 by Matt Nicholson for Pipeline History group due February 16, 2012 (NTSB #367)
- Preamble:**
- Request:** Provide total miles of pipe with Polyethelene tape wrap in the Enbridge system (broken out by US and Canadian location). Provide breakdown of all Enbridge pipeline lengths by system and location (e.g. Line 6B- 286 miles, US, installed 1969). IR 66 does not appear to address these statistics. Provide these values in an excel format. In addition to lines located solely in the US (Olympic) or Canada (NW), include lines 1, 2a,3,4,67,65,5,6a,6b,14,64,61,7,10, 11 and any new lines not expressly included in this IR.
- Response:**

The requested information is included in the provided MS Excel file.

Please note, the Olympic pipeline is not included in the summary as Enbridge is not the operator of record.

Line	US PE Length (miles)	CDN PE Tape (miles)	Total PE Length (miles)	US Line Length (miles)	CDN Line Length (miles)
Line 1	0	373.32	373.32	325.86	773.72
Line 2	0	20.91	20.91	324.74	773.73
Line 3	265.81	767.28	1033.09	324.14	773.72
Line 4	119.24	230.09	349.33	327.58	776.54
Line 6A	410.41	0	410.41	465.38	0
Line 6B	283.84	6.84	290.68	285.89	7.15
Line 7	0	1.37	1.37	0	120.55
Line 8	0	130.54	130.54	0	130.54
Line 9	0	516.88	516.88	0	516.88
Line 10	23.31	65.54	88.85	23.31	65.54
Line 11	0	20.34	20.34	0	46.58
Line 13 Reversal	1.26	14.51	15.77	135.48	773.72
Line 17	9.94	0	9.94	88.00	0
<u>No PE Tape</u>					
Line 5	0	0	0	638.04	6.60
Line 9C	0	0	0	0	5.63
Line 13 Extension	0	0	0	681.44	0
Line 14	0	0	0	461.15	0
Line 18	0	0	0	0	235.87
Line 19	0	0	0	0	336.16
Line 21	0	0	0	0	540.26

Line 32	0	0	0	0	21.55
Line 33	0	0	0	0	16.60
Line 34	0	0	0	0	16.60
Line 36	0	0	0	0	10.75
Line 37	0	0	0	0	10.75
Line 51	0	0	0	433.10	0
Line 55	0	0	0	582.42	0
Line 61	0	0	0	461.85	0
Line 62	0	0	0	75.16	0
Line 64	0	0	0	26.06	0
Line 65	0	0	0	136.58	178.85
Line 67	0	0	0	327.26	671.58
Alida to Cromer 6"	0	0	0	0	37.04
Steelman to Cromer 12"	0	0	0	0	75.16
Steelman to Cromer 16"	0	0	0	0	75.15
Midale to Steelman 12"	0	0	0	0	33.77
Line 81	0	0	0	308.99	0
Line 82	0	0	0	58.12	0
Line 83	0	0	0	52.95	0
Line 85A	0	0	0	29.70	0
Line 85 - 6"	0	0	0	13.38	0
Line 85 - 10"	0	0	0	33.79	0
Line 86	0	0	0	51.71	0
Vector	0	0	0	273.63	0
Vector Canada	0	0	0	0	15.14

Total Line Length (miles)	US % covered by PE Tape	CDN % covered by PE Tape	Total % PE Tape Coverage	Install Year
1099.58	0%	48%	34%	1986, 1987
1098.47	0%	3%	2%	1958
1097.86	82%	99%	94%	1963, 1964, 1965, 1967, 1968, 1969, 1979, 1980, 1982, 1985, 1988
1104.12	36%	30%	32%	1962, 1970, 1972, 1973, 1986, 1987, 1997, 1999
465.38	88%	0%	88%	1965, 1968
293.05	99%	96%	99%	1969
120.55	0%	1%	1%	1957
130.54	0%	100%	100%	1967, 1970, 1971, 1973, 1995, 1996, 1997
516.88	0%	100%	100%	1975, 1978, 1980, 1984
88.85	100%	100%	100%	1962, 1971, 1972, 1973, 1975, 1980, 1994, 2000
46.58	0%	44%	44%	1971
909.20	1%	2%	2%	1975, 1978, 1981, 1987, 1988, 1989
88.00	11%	0%	11%	1953
644.64	0%	0%	0%	
5.63	0%	0%	0%	
681.44	0%	0%	0%	
461.15	0%	0%	0%	
235.87	0%	0%	0%	
336.16	0%	0%	0%	
540.26	0%	0%	0%	

21.55	0%	0%	0%
16.60	0%	0%	0%
16.60	0%	0%	0%
10.75	0%	0%	0%
10.75	0%	0%	0%
433.10	0%	0%	0%
582.42	0%	0%	0%
461.85	0%	0%	0%
75.16	0%	0%	0%
26.06	0%	0%	0%
315.44	0%	0%	0%
998.84	0%	0%	0%
37.04	0%	0%	0%
75.16	0%	0%	0%
75.15	0%	0%	0%
33.77	0%	0%	0%
308.99	0%	0%	0%
58.12	0%	0%	0%
52.95	0%	0%	0%
29.70	0%	0%	0%
13.38	0%	0%	0%
33.79	0%	0%	0%
51.71	0%	0%	0%
273.63	0%	0%	0%
15.14	0%	0%	0%