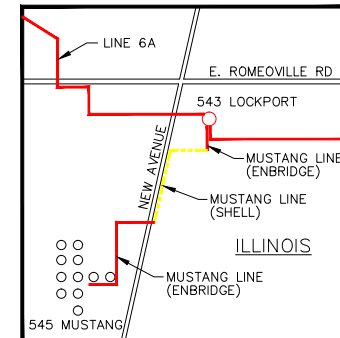


GRIFFITH/HARTSDALE AREA ENLARGED



MUSTANG LINE AREA ENLARGED

LEGEND		
PIPELINE NAME	OPERATOR ID	
	ENBRIDGE ENERGY, LIMITED PARTNERSHIP	11169
	ENBRIDGE ENERGY, LIMITED PARTNERSHIP (IDLE)	11169
	NORTH DAKOTA PIPELINE COMPANY LLC	15774
	NORTH DAKOTA PIPELINE COMPANY LLC (IDLE)	15774
	BAKKEN PIPELINE COMPANY LP	38945
	CCPS TRANSPORTATION, LLC	32080
	ENBRIDGE PIPELINES (OZARK) L.L.C.	31947
	ENBRIDGE PIPELINES (OZARK) L.L.C. (IDLE)	31947
	ENBRIDGE PIPELINES (TOLEDO) INC.	31448
	ENBRIDGE PIPELINES (TOLEDO) INC. (IDLE)	31448
	ENBRIDGE PIPELINES (SOUTHERN LIGHTS) L.L.C.	32502
	NON-ENBRIDGE OPERATORSHIP	
	ENBRIDGE STORAGE (PATOKA) LLC	31948

	Station
	Metering Facility
	Tanks at Terminals/Stations
	Site

NO	REVISION	BY DATE	APPR	APPR
7	ADDED LINE 59, UPDATED NORTH DAKOTA SYSTEM, IDLE LINE 6B & LOOPS	JT 3/25/15		
6	ADDED BAKKEN PIPELINE, KENASTON, LIGNITE, REDDICK, TANK SYMBOL AT LITTLE MUDDY	JT 3/24/14		
5	ADDED TANK SYMBOL AT TRENTON & ALEXANDER, ADDED SITE SYMBOL AT FREEDOM JCT.	JT 4/17/13		
4	UPDATED NORTH DAKOTA SYSTEM	JT 3/12/12		

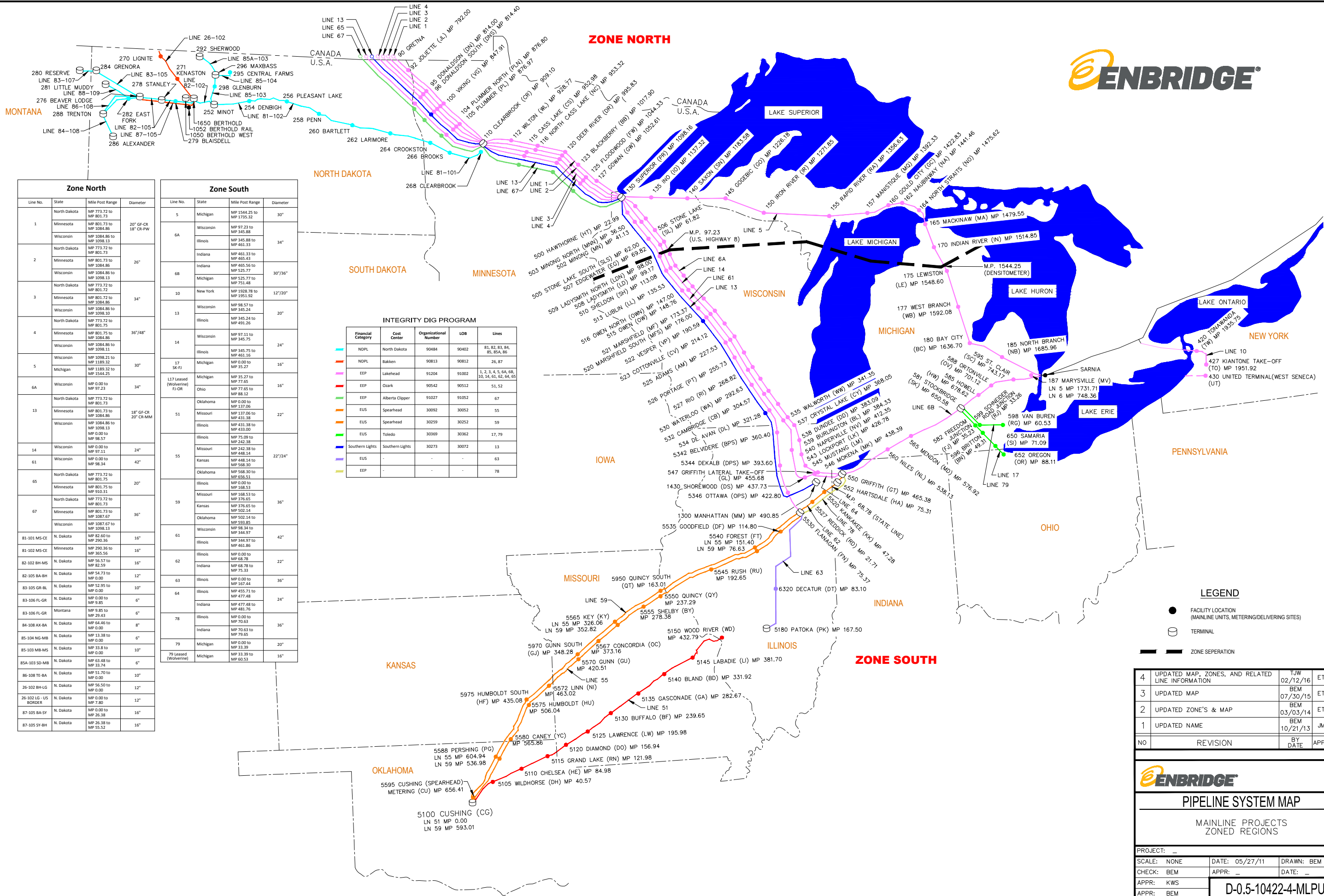
ENBRIDGE

PIPELINE SYSTEM MAP

ENBRIDGE TRANSPORTATION NORTH (U.S. PORTION) CRUDE OIL PIPELINES (12/31/2014 STATUS)

PROJECT:	SCALE: NONE	DATE: 3-2-06	DRAWN: CCT
CHECK:	APPR:	DATE:	
APPR:			
APPR:			

FIGURE 2-1



Zone North			
Line No.	State	Mile Post Range	Diameter
1	North Dakota	MP 773.72 to MP 801.73	20" GF-CR 18" CR-PW
	Minnesota	MP 801.73 to MP 1084.86	
2	North Dakota	MP 773.72 to MP 801.73	26"
	Minnesota	MP 801.73 to MP 1084.86	
3	North Dakota	MP 773.72 to MP 801.73	34"
	Minnesota	MP 801.73 to MP 1084.86	
4	North Dakota	MP 773.72 to MP 801.73	36"/48"
	Minnesota	MP 801.73 to MP 1084.86	
5	Wisconsin	MP 1084.86 to MP 1098.13	30"
	Michigan	MP 1189.32 to MP 1544.25	
6A	Wisconsin	MP 0.00 to MP 97.23	34"
	North Dakota	MP 773.72 to MP 801.73	
13	Minnesota	MP 801.73 to MP 1084.86	18" GF-CR 20" CR-MM
	Wisconsin	MP 1084.86 to MP 1098.13	
14	Wisconsin	MP 0.00 to MP 97.11	24"
	Wisconsin	MP 0.00 to MP 98.34	
65	North Dakota	MP 773.72 to MP 801.73	20"
	Minnesota	MP 801.73 to MP 1084.86	
67	North Dakota	MP 773.72 to MP 801.73	36"
	Minnesota	MP 801.73 to MP 1084.86	
81-101 MS-CE	N. Dakota	MP 82.60 to MP 290.36	16"
	Minnesota	MP 290.36 to MP 365.56	
82-102 BH-MS	N. Dakota	MP 56.57 to MP 82.59	16"
	N. Dakota	MP 54.73 to MP 0.00	
83-105 BA-BH	N. Dakota	MP 52.95 to MP 0.00	12"
	N. Dakota	MP 0.00 to MP 5.85	
83-106 FL-GR	N. Dakota	MP 0.00 to MP 5.85	6"
	Montana	MP 29.43 to MP 0.00	
84-108 AX-BA	N. Dakota	MP 64.46 to MP 0.00	8"
	N. Dakota	MP 13.38 to MP 0.00	
85-104 NG-MB	N. Dakota	MP 33.80 to MP 0.00	10"
	N. Dakota	MP 33.74 to MP 0.00	
85-103 MB-MS	N. Dakota	MP 63.48 to MP 33.74	6"
	N. Dakota	MP 51.70 to MP 0.00	
86-108 TE-BA	N. Dakota	MP 56.50 to MP 0.00	10"
	N. Dakota	MP 0.00 to MP 0.00	
26-102 LG-US BORDER	N. Dakota	MP 0.00 to MP 5.85	12"
	N. Dakota	MP 0.00 to MP 26.38	
87-105 SY-BH	N. Dakota	MP 26.38 to MP 55.52	16"
	N. Dakota	MP 0.00 to MP 55.52	

Zone South			
Line No.	State	Mile Post Range	Diameter
5	Michigan	MP 1544.25 to MP 1735.32	30"
	Wisconsin	MP 97.23 to MP 345.88	
6A	Wisconsin	MP 97.23 to MP 345.88	34"
	Illinois	MP 345.88 to MP 461.33	
6B	Indiana	MP 461.33 to MP 465.43	30"/36"
	Michigan	MP 465.43 to MP 525.77	
10	New York	MP 1528.78 to MP 1951.92	12"/20"
	Wisconsin	MP 98.57 to MP 345.24	
13	Wisconsin	MP 98.57 to MP 345.24	20"
	Illinois	MP 345.24 to MP 491.26	
14	Wisconsin	MP 97.11 to MP 145.75	24"
	Illinois	MP 345.75 to MP 461.16	
17 SK-FJ	Michigan	MP 0.00 to MP 35.27	16"
	Ohio	MP 77.65 to MP 98.12	
L17 Leased (Wolverine) FI-OR	Michigan	MP 35.27 to MP 77.65	16"
	Ohio	MP 77.65 to MP 98.12	
51	Oklahoma	MP 0.00 to MP 137.06	22"
	Missouri	MP 137.06 to MP 431.38	
55	Illinois	MP 431.38 to MP 433.00	22"/24"
	Missouri	MP 433.00 to MP 242.38	
59	Missouri	MP 242.38 to MP 448.14	36"
	Kansas	MP 448.14 to MP 588.30	
61	Oklahoma	MP 588.30 to MP 656.51	42"
	Illinois	MP 0.00 to MP 168.53	
62	Missouri	MP 168.53 to MP 376.65	22"
	Kansas	MP 376.65 to MP 502.14	
63	Oklahoma	MP 502.14 to MP 593.85	36"
	Wisconsin	MP 593.85 to MP 344.97	
64	Illinois	MP 344.97 to MP 461.86	24"
	Indiana	MP 0.00 to MP 68.78	
78	Illinois	MP 68.78 to MP 75.33	36"
	Indiana	MP 68.78 to MP 75.33	
79	Michigan	MP 0.00 to MP 33.39	20"
	Michigan	MP 33.39 to MP 60.53	
79 Leased (Wolverine)	Michigan	MP 0.00 to MP 33.39	16"
	Michigan	MP 33.39 to MP 60.53	

INTEGRITY DIG PROGRAM					
Financial Category	Cost Center	Organizational Number	LOB	Lines	
NDPL	North Dakota	90484	90402	81, 82, 83, 84, 85, 85A, 86	
NDPL	Bakken	90813	90812	26, 87	
EOP	Lakehead	91204	91002	1, 2, 3, 4, 5, 6A, 6B, 10, 14, 61, 62, 64, 65	
EOP	Ozark	90542	90512	51, 52	
EOP	Alberta Clipper	91027	91052	67	
EUS	Spearhead	30092	30052	55	
EUS	Spearhead	30259	30252	59	
EUS	Toledo	30369	30362	17, 79	
Southern Lights	Southern Lights	30273	30072	13	
EUS	-	-	-	63	
EOP	-	-	-	78	

LEGEND

- FACILITY LOCATION (MAINLINE UNITS, METERING/DELIVERING SITES)
- TERMINAL
- ZONE SEPERATION

NO	REVISION	BY DATE	APPR	APPR
4	UPDATED MAP, ZONES, AND RELATED LINE INFORMATION	TJW 02/12/16	ET	-
3	UPDATED MAP	BEM 07/30/15	ET	-
2	UPDATED ZONE'S & MAP	BEM 03/03/14	ET	-
1	UPDATED NAME	BEM 10/21/13	JM	-

ENBRIDGE

PIPELINE SYSTEM MAP

MAINLINE PROJECTS
ZONED REGIONS

PROJECT: _

SCALE: NONE DATE: 05/27/11 DRAWN: BEM

CHECK: BEM APPR: _ DATE: _

APPR: KWS

APPR: BEM

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