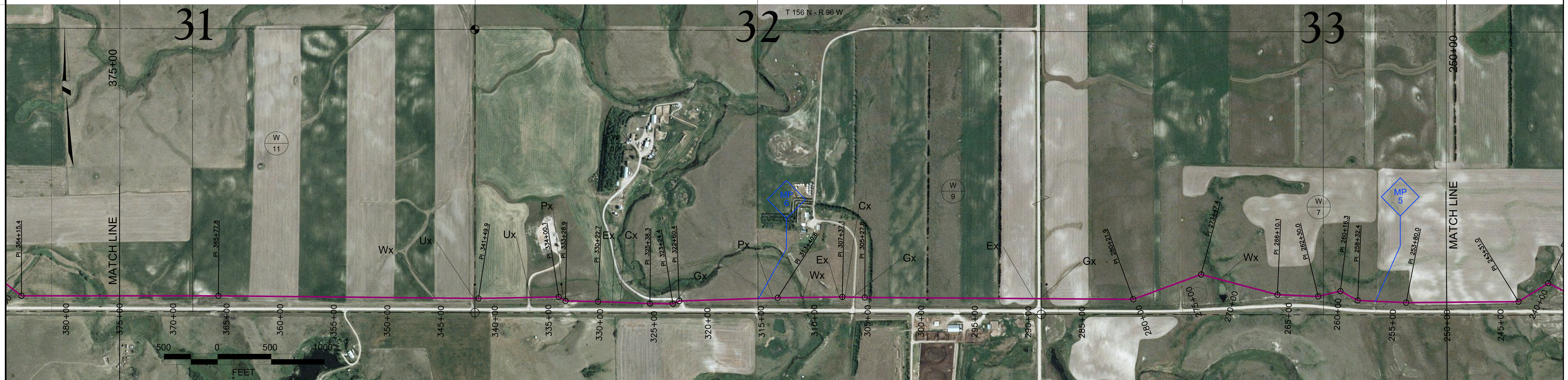
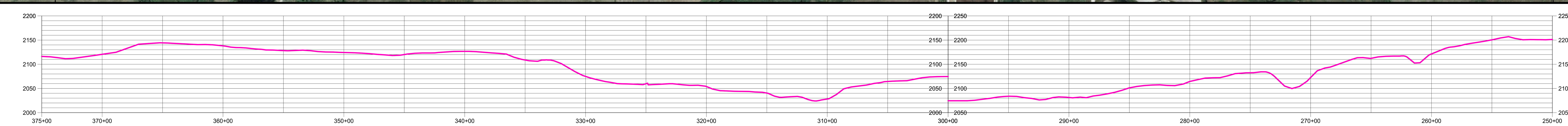
TERRAIN	AGRICULTURE				
VEGETATION	CULTIVATED CROP	PASTURE IMPROVED	CULTIVATED CROP / NATURAL		PASTURE IMPROVED
OWNERSHIP	KATHLEEN OLSON-SJOSTROM AND CHARLES J. SJOSTROM	ROBERT J.SHELDON AND IDA ANN SHELDON	VIOLET L. OLSON TRUST		LAVERN J. KERBAUGH AND ARDELLA KERBAUGH
(stations)	375+00 – 341+83	341+83 – 315+24	315+24 – 275+35		275+35 – 250+00
R.O.W. No.	W-11	W-10	W-9		W-7
RODDAGE	201.0	161.2	241.8		153.6
ROW WIDTH	75'	75'	75'		75'

- Ex ELECTRICAL CROSSING
- Ux UNIMPROVED ROAD CROSSING (SEE STD-C031))
- Gx GRAVEL ROAD CROSSING (SEE STD-C030)
- Ax IMPROVED (ASPHALT) ROAD CROSSING (SEE STD-C032)
- Hx HIGHWAY CROSSING (SEE STD-032)
- Rx RAILROAD CROSSING (SEE DWG 2424A204)
- Px PIPELINE CROSSING
- Cx CABLE CROSSING
- Wx WATER CROSSING
- 05 AERIAL MARKER
- BV BLOCK VALVE
- CP1 CP TEST LEAD (FOREIGN) (SEE DWG 2424-M-001)
- CP2 CP TEST LEAD (SEE DWG 2424-M-001)
- 48 HOTBEND



PROFILE



PIPELINE STATIONING	PI	PIPE DETAIL AND APPURTENANCES
STA. 365+78	PI 1° LT	
STA. 345+65		DRAINAGE
STA. 341+91		CL 110TH AVE NW
STA. 341+68		CP2
STA. 341+50	PI 2° RT	
STA. 336+68		CL FIELD ROAD
STA. 334+00	PI 32° LT	32°
STA. 333+66		ENBRIDGE P/L
STA. 333+59		
STA. 333+27	PI 30° RT	CP2
STA. 330+23	PI 1° LT	
STA. 328+91		OVERHEAD POWER
STA. 328+20		UG TELEPHONE CABLE
STA. 325+38	PI 2° RT	
STA. 323+24	PI 25° RT	
STA. 322+98		CL GRAVEL ROAD
STA. 322+60	PI 22° LT	
STA. 313+91		ENBRIDGE P/L
STA. 313+41	PI 1° LT	
STA. 311+10		CREEK DRAINAGE
STA. 307+74		OVERHEAD POWER
STA. 307+37	PI 2° LT	
STA. 307+11		UG TELEPHONE CABLE
STA. 306+11		CL GRAVEL ROAD
STA. 305+28	PI 1° RT	
STA. 289+57		OVERHEAD POWER
STA. 288+83		CL 109TH AVE. NW (BORE)
STA. 288+15		CP2
STA. 280+22	PI 20° RT	
STA. 275+37		CL UNIMPROVED ROAD
STA. 273+47	PI 35° LT	
STA. 272+71		TRENCH BREAKER
STA. 271+60		WASH DRAINAGE
STA. 270+35		TRENCH BREAKER
STA. 266+10	PI 12° RT	
STA. 262+30	PI 16° RT	
STA. 260+49		TRENCH BREAKER
STA. 260+16	PI 42° LT	42°
STA. 258+32	PI 26° RT	
STA. 253+80	PI 3° RT	

CROSSING LENGTH		62'		505'		170'	
PIPE SPECIFICATION	A	B	A	D	A	B	A

GENERAL NOTES

ITEM	TYPE	O.D.	W.T.	CODE	GRADE	COATING	
A	LINE PIPE	10.75"	.219"	API 5L	X-52	FBE	MANUFACTURER: USS, TRIPLE RANDOM, ERW
B	CROSSING PIPE	10.75"	.307"	API 5L	X-52	FBE w/ ARO	MANUFACTURER: USS, TRIPLE RANDOM, ERW
C	CROSSING PIPE	10.75"	.365"	API 5L	X-52	FBE w/ ARO	MANUFACTURER: LSS, DOUBLE RANDOM, ERW
D	CROSSING PIPE	10.75"	.307"	API 5L	X-65	FBE	MANUFACTURER: LSS, DOUBLE RANDOM, ERW

1. PIPELINE MINIMUM DEPTH OF COVER IS 4'. CROSSING COUNTY AND TOWNSHIP ROADS MINIMUM DEPTH OF COVER IS 6'.
2. MINIMUM HYDROSTATIC TEST PRESSURE IS 1900 PSIG.

LEGEND

- PL — EXISTING PIPELINE (ENBRIDGE)
- CDPL — EXISTING PIPELINE (UNKNOWN)
- G — EXISTING NATURAL GAS PIPELINE (UNDERGROUND)
- T — EXISTING TELEPHONE
- E(O) — EXISTING ELECTRICAL (OVERHEAD)
- E — EXISTING ELECTRICAL (UNDERGROUND)
- FO — EXISTING FIBER OPTICS
- X — EXISTING FENCE

SUMMARY

ITEM	DESCRIPTION	QUANTITY
PIPE A	10.75" X .219 WT. API 5L X-52 w/ FBE	11763'
PIPE B	10.75" X .307 WT. API 5L X-52 w/ FBE w/ ARO	232'
PIPE D	10.75" X .307 WT. API 5L X-65 w/ FBE	505'
HB	42° HOT BEND	1
HB	32° HOT BEND	1
CP2	CP TEST LEAD	3

REFERENCE DRAWINGS	NO.	REVISION	BY	DATE
	1	AS CONSTRUCTED	CLF/GU	1/29/08

Rooney Engineering, Inc.
12201 E. Arapahoe Rd.
Centennial, CO 80112
(303) 792-5911

ENBRIDGE PIPELINES (ND)

AS CONSTRUCTED ALIGNMENT SHEET
TRENTON TO BEAVER LODGE

WILLIAMS — NORTH DAKOTA

SCALE	DRAWN	DATE	DRAWING NO.
AS SHN	CLF/GU	1/29/08	2424M0103