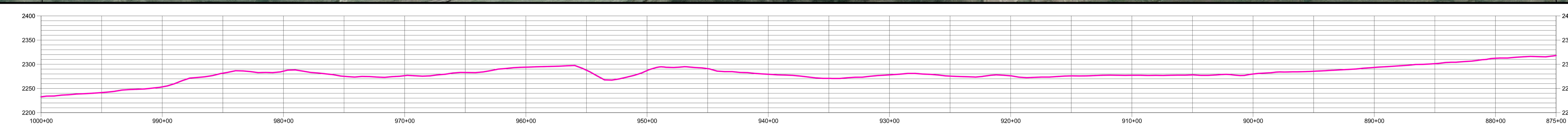
TERRAIN	AGRICULTURE				
VEGETATION	CULTIVATED CROPS		NATURAL	CULTIVATED CROPS	
OWNERSHIP	1000+00	CLF/GUIDA PETERSON 974+79	DANIEL A. GARAAS 948+55	SANDRA SEATON 922+08	DUANE M. BAESLER 875+00
R.O.W. No.		W-26	W-25	W-24	W-23
RODDAGE		152.8	159.0	160.4	285.3
ROW WIDTH		75'	75'	75'	75'

Symbol	Meaning
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



PI	PIPELINE STATIONING	CROSSING LENGTH	PIPE SPECIFICATION	PIPE DETAIL AND APPURTENANCES
			A	
	STA. 979+70			CL FIELD ROAD
	STA. 974+95	176'	B	CL 122ND AVE NW & CR 8C (BORE)
			A	
PI 2° LT	STA. 957+42			
	STA. 955+49	673' HDD	C	ENBRIDGE P/L
	STA. 954+82			OVERHEAD POWER
	STA. 952+62			RAILROAD TRACKS (BORE) SEE DWG (2424A204)
	STA. 951+00			CL FIELD ROAD
PI 20° RT	STA. 948+67			
	STA. 948+12			
	STA. 948+04			ENBRIDGE P/L (CP2)
PI 18° LT	STA. 946+87		A	
PI 4° LT	STA. 941+28			
PI 4° RT	STA. 937+50			
	STA. 922+94			WBI P/L
PI 0° LT	STA. 922+33			(CP2)
	STA. 922+09			
	STA. 921+89	63'	B	CL 121ST AVE NW
	STA. 921+27			OVERHEAD POWER
	STA. 900+88		A	DRAINAGE
PI 0° RT	STA. 883+62			

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

Line	Meaning
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	11588'
PIPE B	10.75" X .307 WT. API 5L X-52 w/ FBE w/ ARO	239'
PIPE C	10.75" X .365 WT. API 5L X-52 w/ FBE w/ ARO	673'
CP2	CP TEST LEAD	2

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	2424M0108