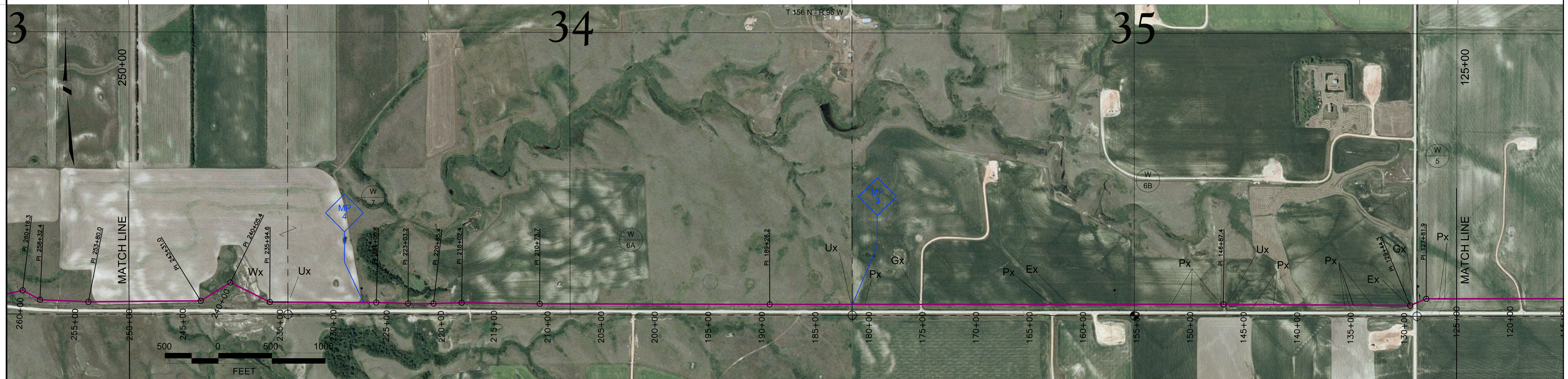
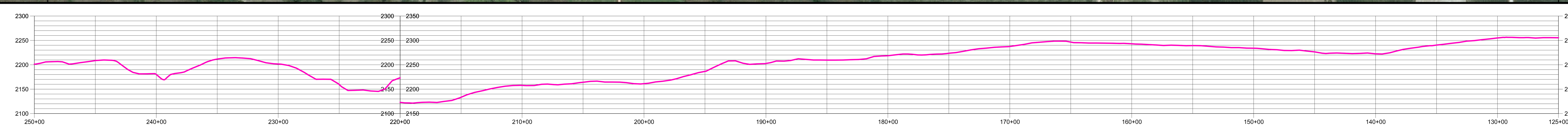
TERRAIN	AGRICULTURE			
VEGETATION	CULTIVATED CROPS	PASTURE IMPROVED	CULTIVATED CROPS	
OWNERSHIP (250+00 – 221+08 – 181+55 – 128+75 – 125+00)	LAVERN J. KERBAUGH AND ARDELLA KERBAUGH	LAVERNE J. KERBAUGH	LAVERNE J. KERBAUGH	FARGO NAT'L BANK AND TRUST CO.
R.O.W. No.	W-7	W-6A	W-6B	W-5
RODDAGE	175.3	239.6	320	22.7
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



PI	PIPELINE STATIONING
PI 32° RT	STA. 243+31
PI 58° LT	STA. 240+05
	STA. 238+58
PI 26° RT	STA. 235+94
	STA. 234+25
	STA. 227+20
PI 2° LT	STA. 226+01
PI 2° RT	STA. 223+03
	STA. 222+71
	STA. 221+54
PI 2° RT	STA. 220+65
PI 3° LT	STA. 218+02
PI 1° RT	STA. 210+74
PI 0° RT	STA. 189+26
	STA. 181+55
	STA. 180+36
	STA. 175+02
	STA. 163+02
	STA. 163+01
	STA. 161+29
	STA. 156+89
	STA. 151+75
	STA. 149+96
	STA. 147+14
	STA. 146+87
PI 0° LT	STA. 146+59
	STA. 143+91
	STA. 142+23
	STA. 135+80
	STA. 135+13
	STA. 134+79
	STA. 134+73
	STA. 132+99
	STA. 129+54
PI 23° RT	STA. 129+44
	STA. 128+76
	STA. 128+43
PI 23° LT	STA. 127+82
	STA. 126+61
	STA. 126+15

CROSSING LENGTH: 62'

PIPE SPECIFICATION: A | B | A

PIPE DETAIL AND APPURTENANCES

TRENCHBREAKER
CL 108TH AVE NW SELDOM USED TRAIL
CP2
WETLAND END
WETLAND BEGIN
CL 107TH AVE NW SELDOM USED TRAIL
AHC P/L
CL LEASE ROAD
OTHER
FOREIGN P/L
O.H. POWER
CP2
AHC P/L
AHC P/L
AHC P/L
UNIMPROVED ROAD
AHC P/L
AHC P/L
AHC P/L
TESORO P/L
AHC P/L
AHC P/L
AHC P/L
O.H. POWER
CL 106TH AVE NW
CP2
AHC P/L
AHC P/L

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	12,438'
PIPE B	10.75" X .307 WT. API 5L X-52 w/ FBE w/ ARO	62'
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	2424M0102