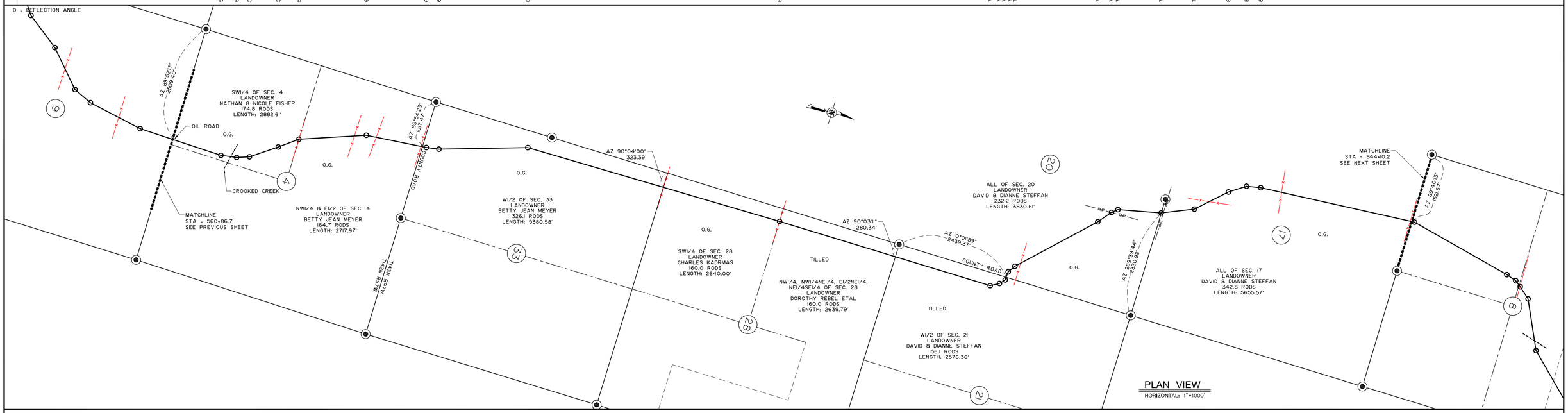
AS-BUILT (FOR REVIEW)

STATIONING CHART

N.T.S.

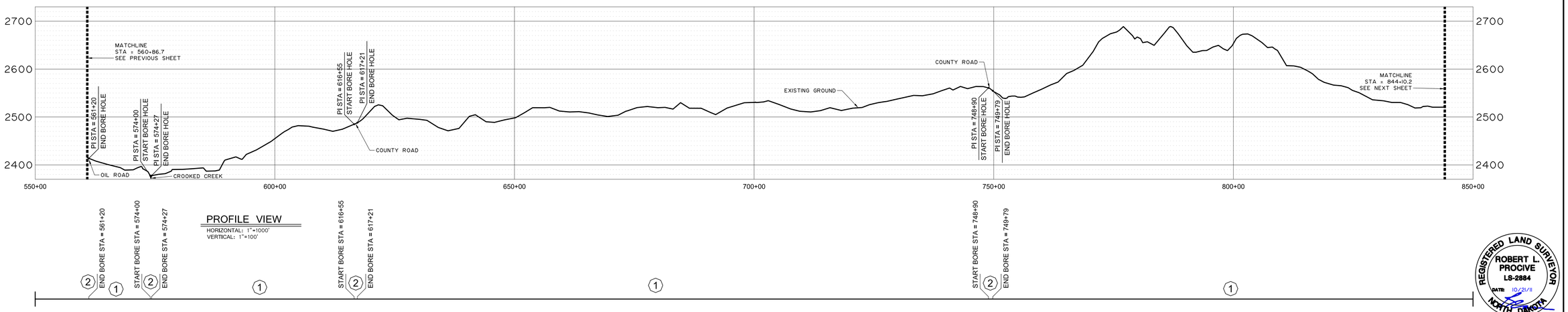
CROSSINGS	SURVEY NOTES	ROUTING NOTES
560+86.7 OIL ROAD	560+86.7 SECTION LINE	
574+11 CROOKED CREEK		571+96.2 PI D0°39'
		575+41.9 PI D0°20'
		578+22.0 PI D6°09'
589+63.9 FENCE	589+69.3 QUARTER LINE	584+87.8 PI D1°44'
		589+65.5 PI D7°13'
601+78.9 FENCE		604+38.6 PI D4°56'
606+59.3 FENCE		
616+55.4 FENCE 616+89.5 COUNTY ROAD	616+87.2 SECTION LINE	617+73.0 PI D4°03'
		620+50.3 PI D8°28'
670+74.1 FENCE	670+67.8 SECTION LINE	639+89.1 PI D7°20'
697+06.7 FENCE	697+07.8 QUARTER LINE	697+08.2 PI D0°36'
	723+47.6 SECTION LINE	
749+46.1 COUNTY ROAD	749+24.0 SECTION LINE	745+07.1 PI D35°02'
753+80.4 FENCE		747+15.8 PI D16°39'
		748+61.7 PI D37°18'
		750+48.6 PI D29°32'
		752+30.0 PI D7°57'
776+50.8 OHP		772+88.8 PI D6°07'
		776+15.6 PI D0°32'
		778+05.2 PI D28°15'
788+00.5 OHP	787+54.6 SECTION LINE	787+49.7 PI D9°01'
798+40.6 FENCE		794+78.8 PI D20°07'
		803+10.0 PI D9°09'
		807+24.2 PI D23°25'
815+01.4 FENCE		810+35.1 PI D6°45'
843+75.0 FENCE	844+10.2 SECTION LINE	

D = DEFLECTION ANGLE



PLAN VIEW

HORIZONTAL: 1"=1000'



PROFILE VIEW

HORIZONTAL: 1"=1000'
VERTICAL: 1"=100'

REGISTERED LAND SURVEYOR
ROBERT L. PROCIVE
LS-2884
DATE 10/21/11
NORTH DAKOTA

NOTE: FLOW DIRECTION IS FROM KEENE TO SKUNK HILL

LEGEND

- Section Number
- Interstate Highway
- Federal Highway
- State Highway
- Foreign Pipe Line
- P/L Warning Sign
- Aerial Marker
- Monument - Recovered
- Monument - Not Recovered (Re-Set)
- Creek
- Fence
- Overhead Powerline
- Pipeline
- Road
- Trees

PIPE DATA

(1) DIAMETER: 12.750" WALL THICKNESS: 0.250"
MATERIAL: CARBON STEEL X52 ERW
COATING: 16 mil FBE

(2) DIAMETER: 12.750" WALL THICKNESS: 0.375"
MATERIAL: CARBON STEEL X52 ERW
COATING: 16 mil FBE + 30 mil ARO

PIGGING FACILITIES		PIPE	
MIN TEST	MOP	MIN TEST	MOP
1800 P.S.I.	1440 P.S.I.	1800 P.S.I.	1440 P.S.I.

ABBREVIATIONS

CREEK = CREEK CROSSING
FENCE = BARB WIRE FENCE
OHP = OVER HEAD POWER
FPL = FOREIGN PIPELINE
ROAD = COUNTY ROAD OR HIGHWAY
TREES = ROW OR MASS OF TREES

Tract No.	Ownership	Sec.	T	R

REVISIONS

Rev. No.	Description	By	Date	Ckd.

BRIDGER

Bridger Pipeline LLC
Casper, Wyoming

4BEARS PIPELINE (AS-BUILT)

SKUNK HILL STATION TO HWY 23 STATION
12" CRUDE OIL PIPELINE, AS-BUILT
STA. 560+86.7 TO STA. 844+10.2
DUNN COUNTY, NORTH DAKOTA

INTERSTATE ENGINEERING
Professionals you need, people you trust
Interstate Engineering, Inc.
P.O. Box 396
110 2nd Avenue SW
Belfield, North Dakota 58601
Ph. (701) 575-2247
Fax (701) 575-2511
www.interstateeng.com
Other offices in Minnesota, Montana and South Dakota

DRAWN BY: J. Welch	DATE: JULY 2011	APPROVED BY: Robert L. Procive	DATE: MAY 2011
SCALE: 1" = 1000'	PROJECT NUMBER: S09-00-161	DRAWING NUMBER: SHEET 3 OF 15	