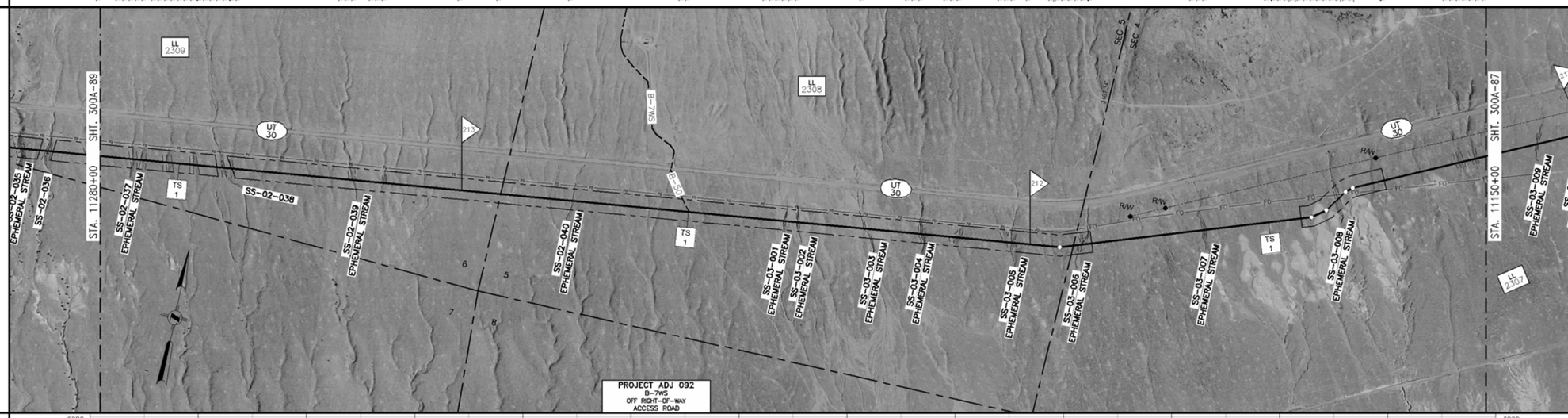
LAND

LINE LIST	LAND PLAT NUMBER	PIPELINE STATION	HORIZONTAL DISTANCE
	2309	11280+00	3721 FT
	2308	11242+79	5322 FT
	2307	11188+57	3957 FT
		11150+00	

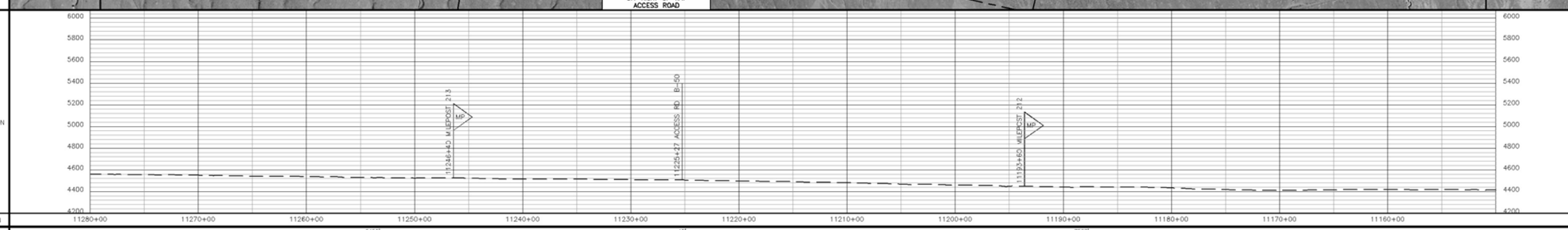
PIPELINE STATIONING

11280+00 MATCHLINE
11277+23 TOP BANK
11276+95 DRAINAGE
11276+94 TOP BANK
11276+22 TOE BANK
11275+76 TOP BANK
11273 TYPE 1
11273+81 TOE BANK
11272+28 TOP BANK
11271+53 TOE BANK
11271+46 TOP BANK
11270+91 TOE BANK
11269+17 END 115'W/60A 195'W TEMP WORK SPACE
11269+17 TOP BANK
11269+42 DRAINAGE
11268+41 TOE BANK
11267+90 TOE BANK
11267+78 END 115'W/60A 115'W TEMP WORK SPACE
11267+78 TOP BANK
11256+89 TOP BANK
11256+54 DRAINAGE
11256+27 TOP BANK
11253+82 TOP BANK
11253+46 TOE BANK
11253+16 TOP BANK
11246+40 MILEPOST 213
11242+79 SECTION LINE
11236+13 DRAINAGE
11225+47 TEST LEAD TYPE 3
11225+27 ACCESS RD B-50
11216+52 TOP BANK
11216+51 DRAINAGE
11216+30 TOP BANK
11215+25 TOP BANK
11215+21 DRAINAGE
11215+06 TOP BANK
11209+05 DRAINAGE
11204+00 TOP BANK
11203+92 DRAINAGE
11203+61 TOP BANK
11201+10 TOP BANK
11200+95 DRAINAGE
11200+03 TOP BANK
11195+96 TOP BANK
11195+93 DRAINAGE
11195+02 TOP BANK
11193+60 MILEPOST 212
11190+84 P.I. C 12°05'14" RT
11190+84 TIE TO FIBER OPTIC CABLE 136' RT.
11189+14 TOP BANK
11188+95 DRAINAGE
11187+90 END 115'W/60A 195'W TEMP WORK SPACE
11177+51 TOP BANK
11177+56 DRAINAGE
11177+77 TOP BANK
11176+43 TEST LEAD TYPE 1
11176+40 END 115'W/60A 115'W TEMP WORK SPACE
11167+40 TIE TO FIBER OPTIC CABLE 182' RT.
11162+90 P.I. C 18°53'55" RT
11162+90 TIE TO FIBER OPTIC CABLE 132' RT.
11165+89 TIE TO FIBER OPTIC CABLE 132' RT.
11164+49 TOP BANK
11164+49 DRAINAGE
11163+75 TOE BANK
11163+75 FIBER OPTICS CABLE
11163+43 TIE TO FIBER OPTIC CABLE 19' LT.
11162+66 TIE TO FIBER OPTIC CABLE 49' LT.
11162+66 P.I. C 13°16'18" LT.
11159+68 END 115'W/60A 195'W TEMP WORK SPACE
11152+90 TOP BANK
11152+90 DRAINAGE
11152+25 TOP BANK
11151+37 TOP BANK
11151+25 TOE BANK
11150+61 TOP BANK
11150+00 MATCHLINE

ALIGNMENT STRIP MAP



PROFILE



MATERIAL

PIPE CODE (SEE TABLE)	5452' (P1)	40' (P3) ACCESS RD B-50 SEE DWG 300Z-9	7508' (P1)
PIPELINE	11280+00	11225+48	11225+08	11150+00
PIPESAKS	11277+04 (P5) 11276+79 (P5)	11268+74 (P5) 11268+49 (P5)	11256+47 (P5) 11256+22 (P5)	11253+81 (P5) 11253+56 (P5)	11216+51 (P5) 11216+26 (P5) 11215+07 (P5)	11209+05 (P5) 11208+80 (P5)	11203+95 (P5) 11203+70 (P5)	11200+60 (P5) 11200+24 (P5)	11195+40 (P5) 11195+15 (P5)	11189+16 (P5) 11188+91 (P5)	11177+47 (P5) 11177+22 (P5)	11164+58 (P5) 11164+33 (P5)	11152+72 (P5) 11152+47 (P5) 11151+37 (P5) 11151+12 (P5) 11150+92 (P5)
COATING CODE (SEE TABLE)	13000' (C1)	
DESIGN FACTOR	.80	.60	.80
CLASS LOCATION	CLASS I	
DESIGN PRESSURE	1440	

GENERAL NOTES

1. THIS PIPELINE WILL BE INSTALLED UNDER TITLE 49 PART 192 CFR.
2. EL PASO COATING SPECIFICATION:
   A. PRODUCTION GIRTH WELDS – UC 235
   B. TIE-INS AND SHORT SECTIONS OF PIPE – UC 271
   C. ARO FIELD JOINTS – USE POWERCRETE-J PER SPEC UC 271
   D. ABOVE GROUND PIPING, VESSELS AND STRUCTURES – AC 135
3. ALL CONSTRUCTION R/W IS 115' WIDE EXCEPT AS NOTED.
4. EXTRA WORKSPACE IS APPLIED 40' TO EACH SIDE OF THE CONSTRUCTION WORKSPACE (195' WIDE TOTAL WORKSPACE) EXCEPT AS NOTED.
5. THE ENVIRONMENTAL INSPECTOR CAN APPROVE SHIFTING OF THE WORKSPACE WITHIN THE STUDY CORRIDOR AS APPROPRIATE.
6. THE CONSTRUCTION R/W IS LIMITED TO 75' WIDE IN WETLANDS EXCEPT AS NOTED.

LEGEND

- INTERSTATE HIGHWAY
- UNITED STATES HIGHWAY
- STATE HIGHWAY
- COUNTY HIGHWAY OR ROAD
- RAILROAD TRACKS
- ACCESS ROAD
- CREEK, RIVER, STREAM
- FOREIGN PIPELINE
- POWER LINE
- FIBER OPTICS LINE
- MAIN LINE VALVE (MLV)
- MAIN LINE VALVE DESIGNATION
- WELL
- ARCHAEOLOGICAL SITE
- ARCHAEOLOGICAL POINT
- WETLANDS AREA
- WETLANDS POINT
- STAGING AREAS

FOR LINE TYPES NOT SHOWN IN LEGEND, SEE EP STANDARD TYP-G-P-1.

SCALE & PROJECTION

500 250 0 500 1000

SCALE: 1" = 500' HORIZONTAL
1" = 500' VERTICAL

PROJECTION: UTM, NAD83, ZONE 12, US FOOT

NO.	DATE	BY	DESCRIPTION	PROJ. ID	APPR.
C	3/18/10	JDK	IMPLEMENTATION FILING	128575	JJJ
B	7/10/09	JDK	ISSUE FOR FERC FILING	128575	JJJ
A	1/26/09	JDK	ISSUE FOR FERC FILING	128575	JJJ

REVISIONS

RUBY PIPELINE LLC

ALIGNMENT SHEET
RUBY PIPELINE
300A-42 INCH

STA. 11150+00 TO STA. 11280+00

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: UTAH		Co./Par.: BOX ELDER	
Section: –	Township: 8N	Range: 16W	
Drafter: JDK	Date: 08/27/08	Project ID: 128575	Type:
Chk'd: RJG	Date: 10/15/08	Scale: 1" = 500'	CIVIL 3D
Appr: JJJ	Date: 12/03/08	Filename: 0300-A-0081	

300A-88

Sheet: 89 of 277 | Rev: 0

IMPLEMENTATION PLAN 05/24/2010

Wed Jul 14, 2010 – 11:50AM

LL NO.	OWNERSHIP
2307	STATE OF UTAH
2308	C BAR CATTLE COMPANY
2309	USA-BLM

LL NO.	OWNERSHIP

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P1	PIPE,42.00 OD X 0.541 IN WT, DSAWAPI 5L GR X-70	12960
P3	PIPE,42.00 OD X 0.721 IN WT, DSAWAPI 5L GR X-70	40
C1	PIPE COATING TYPE 1	13000
P5	PIPESAK	45

TBD – TO BE DETERMINED

FIELD NOTES

TEST: SEE TEST FORM

RADIOGRAPH: PER EP CONSTRUCTION STANDARDS

COATING DEFINITIONS

TYPE 1 – PLANT APPLIED COATING
EXTERIOR: 14-16 MIL FUSION BONDED EPOXY (FBE).
INTERIOR: EFFICIENCY COATED PER IC-100.

TYPE 2 – PLANT APPLIED COATING: ABRASION RESISTANT SYSTEM 40 14-16 MIL MIN CORROSION & 40 MIL ARO

TYPE 3 – PLANT APPLIED COATING W/CONTRACTOR APPLIED CONCRETE: 14 MIL FUSION BONDED EPOXY (FBE) WITH 7" CONCRETE

TYPE 4 – FITTING/BEND COATING: SPECIFICATION UC 271.

TYPE 5 – SHOP FABRICATION: PLANT OR FIELD APPLIED PER EP CONSTRUCTION STANDARDS

MATERIAL DEFINITIONS

PIPESAK – PIPESAK WEIGHTS: SET-ON, 12500#, SPACING 12.5' ON CENTER

SCREW ANCHOR – SCREW ANCHOR SYSTEM: ANCHORPIPE #AP320-42, SPACING 80' ON CENTER

REFERENCE DRAWINGS

TYP-G-P-1	TYPICAL MAPPING SYMBOLS
TYP-G-P-2	TYPICAL PIPELINE CROSSINGS
TYP-P-P-123	TYPICAL DETAILS CATHODIC PROTECTION
TYP-P-P-124	TYPICAL DETAILS CATHODIC PROTECTION
300Z-9	TYPICAL OPEN CUT ROAD CROSSING
300Z-10	TYPICAL BORED ROAD CROSSING

ENVIRONMENTAL NOTES

1. EPHEMERAL STREAM – IF WATER IS PRESENT AT THE TIME OF CONSTRUCTION, THE TEMPORARY CONSTRUCTION WORKSPACE WILL BE LIMITED TO 115' AND THE EXTRA WORKSPACE WILL BE SET-BACK 50' FROM WATER'S EDGE.