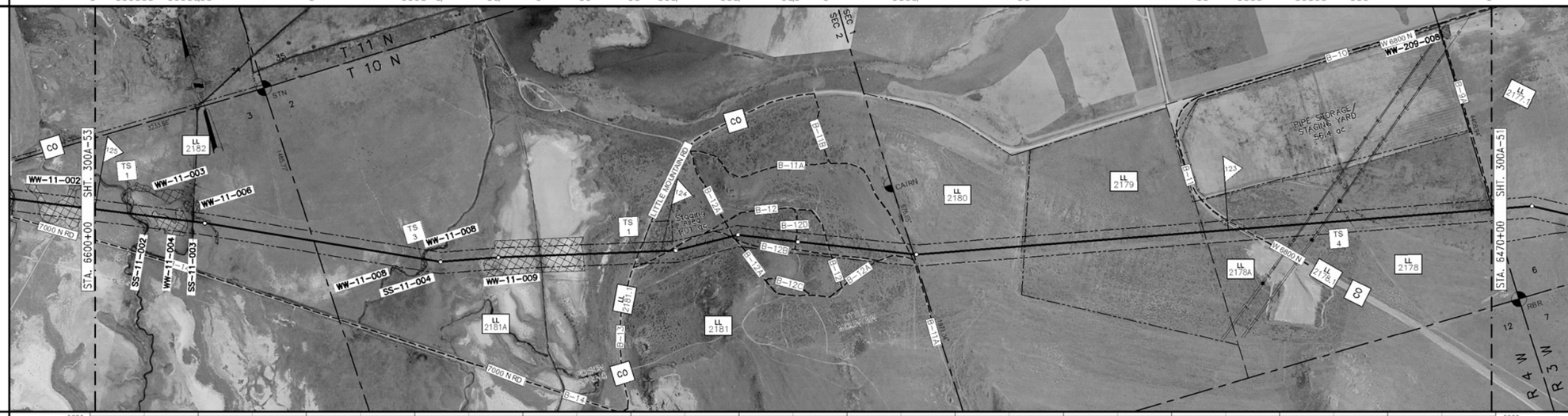
LAND

LINE LIST	LAND PLAT NUMBER	PIPELINE STATION	HORIZONTAL DISTANCE
	2182	6600+00	2046 FT
	2181A	6579+53	5593 FT
	2081.1	6549+24	
	2181		
	2180	6523+61	1029 FT
	2179	6513+31	1665 FT
	2178A	6466+67	
	2078.1	6493+09	
	2178		2667 FT
		6470+00	

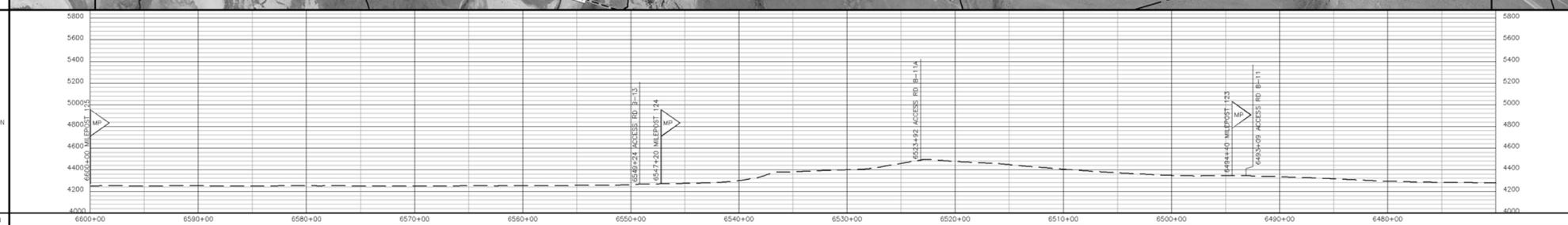
PIPELINE STATIONING

6600+00 MATCHLINE & MILEPOST 125
6594+95 TEST LEAD TYPE 1
6594+90 END WETLANDS
6589+57 SALT CREEK MARSH
6589+37 BOX WETLANDS
6585+28 FENCE
6584+29 END WETLANDS
6579+53 SECTION LINE
6569+44 TEST LEAD TYPE 3
6569+39 END WETLANDS
6569+06 BOX WETLANDS
6569+05 END WETLANDS
6567+65 P.I. = 13°17'20" RT.
6558+38 ROAD
6554+44 BOX WETLANDS
6553+77 FENCE
6549+56 TEST LEAD TYPE 1
6549+24 ACCESS RD B-13(LITTLE MOUNTAIN RD)
6547+20 MILEPOST 124
6546+45 ACCESS RD B-12
6545+87 P.I. = 11°26'28" RT.
6540+61 ACCESS RD B-12B
6539+87 ACCESS RD B-12A
6538+35 P.I. = 8°45'4" LT.
6534+55 ACCESS RD B-12D
6534+37 P.I. = 0°41'37" RT.
6534+24 MANHOLE, 65' LT.
6531+55 ACCESS RD B-12
6523+92 ACCESS RD B-11A
6523+61 SECTION LINE
6523+61 FENCE
6523+53 P.I. = 10°26'12" RT.
6513+54 FENCE
6513+31 PROPERTY LINE
6496+90 FENCE
6496+67 PROPERTY LINE
6494+40 MILEPOST 123
6493+78 FENCE
6493+59 ACCESS RD B-11(W6800N)
6492+37 FENCE
6487+38 O/H POWER
6486+74 TEST LEAD TYPE 4
6485+74 O/H POWER
6485+35 O/H POWER
6483+16 FENCE
6483+15 FENCE CORNER, 67' RT.
6481+46 FENCE
6470+00 MATCHLINE

ALIGNMENT STRIP MAP



PROFILE



MATERIAL

PIPE CODE (SEE TABLE)	310' (P1)	80' (P3)	490' (P1)	80' (P3)	2062' (P1)					80' (P3)	1934' (P1)				80' (P3)	684' (P1)	1788' (P2)		40' (P3)	2522' (P2)		460' (P1)	160' (P3)	2230' (P1)	
		SALT CREEK MARSH		SALT CREEK MARSH	MARSH AREA NEAR SALT CREEK WMA AREA, SEE DWG 300A-52A						MARSH AREA NEAR SALT CREEK WMA AREA, SEE DWG 300A-52A				ACCESS RD B-13 SEE DWG 300Z-9				ACCESS RD B-11A SEE DWG 300Z-9				ACCESS RD B-11 SEE DWG 300Z-9		
PIPELINE	6600+00	6596+90	6596+10	6591+20	6590+40					6569+78	6568+98				6549+64	6548+84	6542+00		6524+12	6523+72		6489+50	6493+90	6492+30	6470+00
PIPESAKS		1090(14) (SA)			6569+70	62'(6) (PS)	6569+13			6563+61	912'(74) (PS)			6554+49											
COATING CODE (SEE TABLE)	13000' (C1)																								
DESIGN FACTOR	.80	.60	.80	.60	.80					.60	.80				.60	.80	.72		.60	.72		.80	.60	.80	
CLASS LOCATION	CLASS 1																								
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. 6470+00 TO STA. 6600+00

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: UTAH		Co./Par.: BOX ELDER	
Section: –	Township: 10N	Range: 3W/4W	
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-0041	
300A-52		Sheet: 52 of 277	Rev: 0

IMPLEMENTATION PLAN 05/24/2010

Apr 14, 2010 - 11:50AM

LL NO. / OWNERSHIP

LL NO.	OWNERSHIP
2178	BOX ELDER COUNTY UTAH
2178.1	BOX ELDER COUNTY(EASEMENT ONLY)
2178A	BOX ELDER COUNTY UTAH
2179	STATE OF UTAH-DEPT OF NATURAL RESOURCES
2180	EPH C. JENSEN PROPERTIES, LLC
2181	EPH C. JENSEN LAND, LLC
2181.1	BOX ELDER COUNTY(EASEMENT ONLY)
2181A	EPH C. JENSEN LAND, LLC
2182	EPH C. JENSEN LAND, LLC

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P1	PIPE,42.00 OD X 0.541 IN WT, DSAWLAPI 5L GR X-70	8170
P2	PIPE,42.00 OD X 0.600 IN WT, DSAWLAPI 5L GR X-70	4318
P3	PIPE,42.00 OD X 0.721 IN WT, DSAWLAPI 5L GR X-70	520
C1	PIPE COATING TYPE 1	13000
PS	PIPESAK	50
SA	SCREW ANCHORS	14

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
300A-52A	PLAN/PROFILE – WETLANDS DETAIL

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.