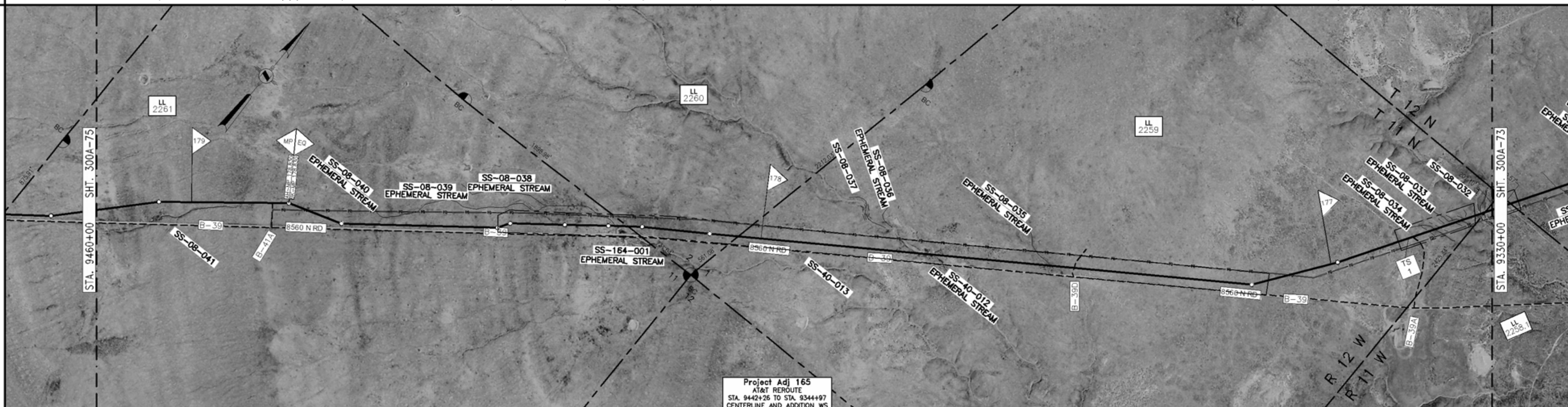
LAND	
LINE LIST	2261 / 2260 / 2259 / 2258.1
LAND PLAT NUMBER	
PIPELINE STATION	9460+00 / 9410+69 / 9400+49 / 9330+65 / 9330+00
HORIZONTAL DISTANCE	4931 FT / 1020 FT / 6984 FT / 65 FT

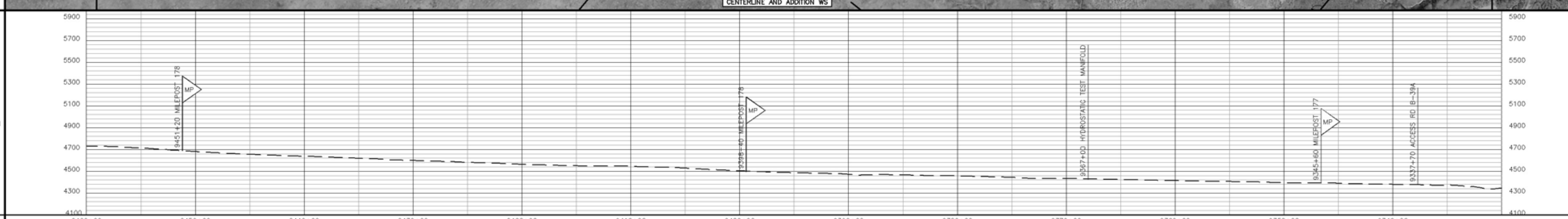
PIPELINE STATIONING

9460+00 MATCHLINE
9454+20 P.I. < 7°55'46" LT.
9451+20 MILEPOST 179
9443+76 ACCESS RD B-41A
9443+71 TIE TO FIBER OPTIC CABLE 60' & 67' LT.
9442+26 ahd < 20°44'53" LT
STATION EQUATION +3'
9442+23 bk= END REALIGNMENT
9440+50 FIBER OPTIC CABLE
9440+31 FIBER OPTIC CABLE
9437+06 P.I. < 19°49'47" RT & FIBER OPTICS CABLE 94' & 101'LT
9422+72 P.I. < 20°06'47" RT & FIBER OPTICS CABLE 94' & 101'LT
9422+69 END 195'W/BGN 115'W TEMP WORK SPACE
9421+47 P.I. < 20°08'54" LT & FIBER OPTICS CABLE 94' & 101'LT
9416+47 P.I. < 0°14'46" LT & FIBER OPTICS CABLE 94' & 101'LT
9412+46 P.I. < 0°23'52" LT & FIBER OPTICS CABLE 94' & 101'LT
9411+73 DRAINAGE
9410+69 SECTION LINE
9409+35 P.I. < 4°11'34" LT & FIBER OPTICS CABLE 94' & 101'LT
9403+12 P.I. < 0°30'34" LT & FIBER OPTICS CABLE 64' & 70'LT
9400+49 SECTION LINE
9398+40 MILEPOST 178
9371+64 DRAINAGE
9369+49 ACCESS RD B-39D
9367+00 HYDROSTATIC TEST MANIFOLD
9353+12 P.I. < 19°54'17" RT & FIBER OPTICS CABLE 57' & 64'LT
9351+57 END 115'W/BGN 195'W TEMP WORK SPACE
9349+72 FIBER OPTIC CABLE
9349+53 FIBER OPTIC CABLE
9345+60 MILEPOST 177
9344+97 P.I. < 4°11'12" RT & FIBER OPTICS CABLE 61' & 68'LT
9339+08 END 195'W/BGN 115'W TEMP WORK SPACE
9338+08 TEST LEAD TYPE 1
9337+70 ACCESS RD B-39A
9336+05 TOP BANK
9335+54 DRAINAGE
9335+05 TOP BANK
9333+62 TOP BANK
9333+05 DRAINAGE
9331+38 END 115'W/BGN 195'W TEMP WORK SPACE
9331+22 TOE BANK
9331+09 DRAINAGE
9330+74 TOE BANK
9330+65 RANGE LINE
9330+00 MATCHLINE

ALIGNMENT STRIP MAP



PROFILE



MATERIAL

PIPE CODE (SEE TABLE): 600' (P1) 9460+00 – 9454+00; 9320' (P2); 490' (P1) 9342+80 – 9337+90; 40' (P3) ACCESS RD B-39A SEE DWG 300Z-9, 9337+90 – 9337+50; 750' (P1) 9337+50 – 9330+00

PIPESAKS: 9389+27 (3) 25' (PS) 9389+02; 9335+65 (3) 25' (PS) 9335+40; 9333+13 (3) 25' (PS) 9332+88; 9331+14 50' (6) (PS) 9330+64

COATING CODE (SEE TABLE): 13000' (C1)

DESIGN FACTOR: .80 / .72 / .80 / .60 / .80

CLASS LOCATION: CLASS 1

DESIGN PRESSURE: 1440

LL NO.	OWNERSHIP	LL NO.	OWNERSHIP
2258.1	USA–BLM		
2259	USA–BLM		
2260	USA–BLM		
2261	USA–BLM		

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P1	PIPE,42.00 OD X 0.541 IN WT, DSAW,API 5L GR X-70	1840
P2	PIPE,42.00 OD X 0.600 IN WT, DSAW,API 5L GR X-70	11120
P3	PIPE,42.00 OD X 0.721 IN WT, DSAW,API 5L GR X-70	40
C1	PIPE COATING TYPE 1	13000
PS	PIPESAK	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

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.

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. 9330+00 TO STA. 9460+00

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: UTAH		Co./Par.: BOX ELDER	
Section: –	Township: 11N/12N	Range: 11W/12W	
Drafter: JDK	Date: 08/27/08	Project ID: 128575	Type: CIVIL 3D
Chk'd: RJG	Date: 10/15/08	Scale: 1" = 500'	
Appr: JJJ	Date: 12/03/08	Filename: 0300-A-0061	
300A-74		Sheet: 74 of 277	Rev. 0

IMPLEMENTATION PLAN 05/24/2010

Jun 14, 2010 – 1:33PM