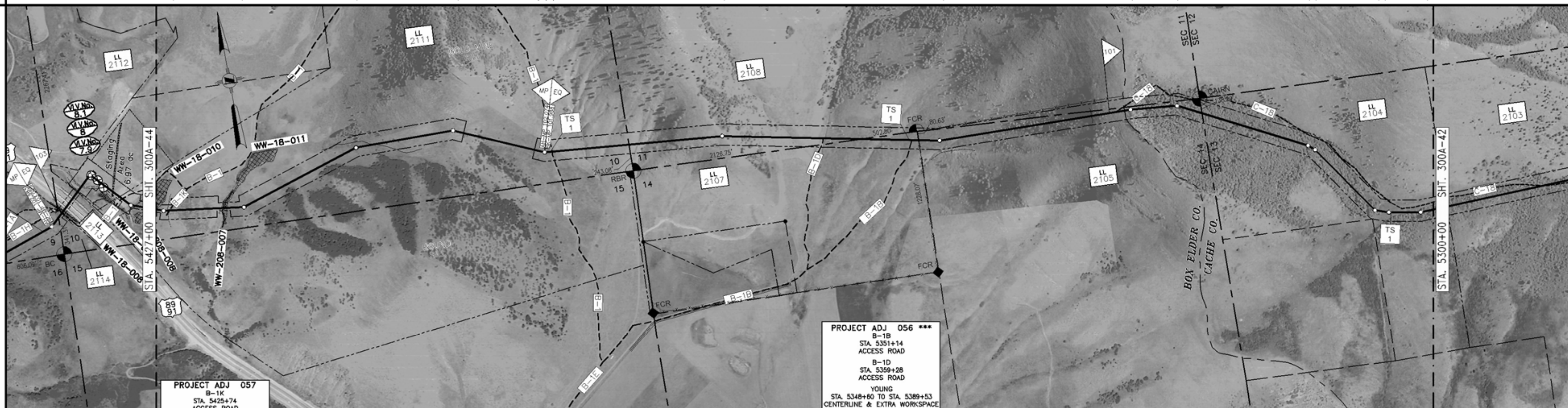
LAND

LINE LIST / LAND PLAT NUMBER	2111	2109	2107	2105	2104
PIPELINE STATION	5427+00 – 5377+18	5377+18 – 5355+69	5355+69 – 5350+54	5350+54 – 5324+14	5324+14 – 5300+00
HORIZONTAL DISTANCE	4982 FT	2149 FT	515 FT	2640 FT	2418 FT

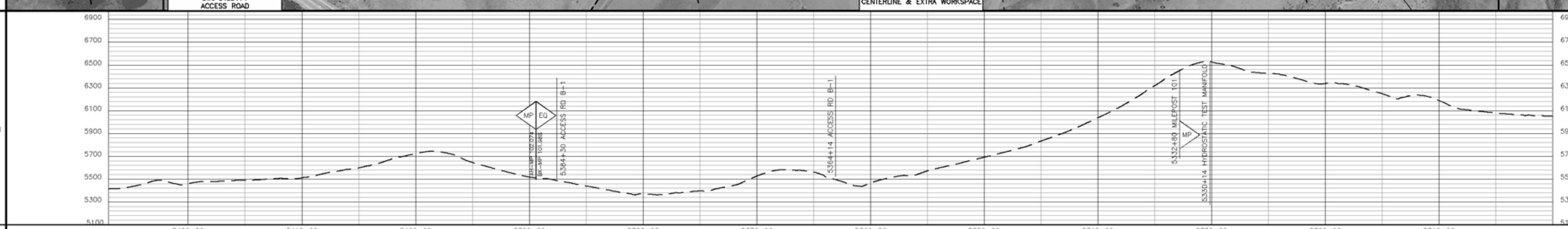
PIPELINE STATIONING

5427+00 MATCHLINE
5426+50 END 135'W(85'L/50'R)/BGN 75'W(25'L/50'R) TEMP WORK SPACE
5426+29 P.I. < 12°06'04" RT
5425+74 ACCESS RD B-1K
5425+50 END 195'W(85'L/110'R)/BGN 135'W(85'L/50'R) TEMP WORK SPACE
5421+45 END 135'W(25'L/110'R)/BGN 195'W(85'L/110'R) TEMP WORK SPACE
5421+25 END 75'W(25'L/50'R)/BGN 135'W(25'L/110'R) TEMP WORK SPACE
5420+80 END WETLANDS
5420+60 BGN WETLANDS
5420+20 END 135'W(85'L/50'R)/BGN 75'W(25'L/50'R) TEMP WORK SPACE
5419+35 END 195'W/BGN 135'W(85'L/50'R) TEMP WORK SPACE
5418+89 P.I. < 25°28'26" RT
5418+49 BGN REALIGNMENT
5407+23 P.I. < 17°58'59" LT
5405+48 ROAD
5398+19 P.I. < 23°22'39" LT
5397+18 END 115'W/BGN 195'W TEMP WORK SPACE
5390+50 END 195'W/BGN 115'W TEMP WORK SPACE
5389+53 ahd < 18°35'27" RT
STATION EQUATION -455'
5384+98 bk= END REALIGNMENT
5384+60 TEST LEAD TYPE 1
5384+30 ACCESS RD B-1
5377+18 SECTION LINE
5368+60 P.I. < 6°24'15" LT
5364+14 ACCESS RD B-1
5359+28 ACCESS RD B-1D
5355+69 SECTION LINE
5351+45 TEST LEAD TYPE 1
5351+14 ACCESS RD B-1B
5350+54 FENCE & PROPERTY LINE
5348+60 P.I. < 10°22'35" RT
5332+80 MILEPOST 101
5332+17 ACCESS RD C-18
5331+41 BOX ELDER COUNTY LINE
5330+83 P.I. < 4°28'06" LT
5330+14 HYDROSTATIC TEST MANIFOLD
5326+55 P.I. < 21°35'48" LT & BGN REALIGNMENT
5324+14 SECTION LINE
5313+97 P.I. < 14°13'18" LT
5313+19 P.I. < 14°13'18" LT
5305+38 P.I. < 37°03'45" RT
5304+09 P.I. < 8°25'33" RT
5303+91 TEST LEAD TYPE 1
5301+17 P.I. < 12°05'16" RT
5300+00 MATCHLINE

ALIGNMENT STRIP MAP



PROFILE



MATERIAL

PIPE CODE (SEE TABLE): 5427+00 — 3775' (P2) — 5389+53 ahd / STA. EQ -455' / 5384+98 bk= / 5384+70 — 80' (P3) ACCESS RD B-1 SEE DWG 300Z-9 — 5383+90 — 1956' (P2) — 5364+34 — 40' (P3) ACCESS RD B-1 SEE DWG 300Z-9 — 5363+94 — 6399' (P2) — 5300+00

PIPELINE / PIPESAKS

COATING CODE (SEE TABLE): 7430' (C1) — 5348+20 — 1697' (C2) — 5331+23 — 3123' (C1)

DESIGN FACTOR: .72 | .60 | .72 | .60 | .72

CLASS LOCATION: CLASS I

DESIGN PRESSURE: 1440

LL NO.	OWNERSHIP
2104	SUMMERS RANCH, LLC
2105	DAVID W. SKEEN, ETAL
2107	YOUNG RESOURCES LTD. PARTNERSHIP
2109	YOUNG RESOURCES LTD PARTNERSHIP
2111	DON G. BAXTER, ETAL

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P2	PIPE,42.00 OD X 0.600 IN WT, DSAW,API 5L GR X-70	12125
P3	PIPE,42.00 OD X 0.721 IN WT, DSAW,API 5L GR X-70	120
C1	PIPE COATING TYPE 1	10548
C2	PIPE COATING TYPE 2	1697

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-7	TYPICAL OPEN CUT ROAD CROSSING
300Z-8	TYPICAL BORED ROAD CROSSING
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.

*** SUBJECT TO ENVIRONMENTAL AND CULTURAL REPORTS.

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. 5300+00 TO STA. 5427+00

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: UTAH		Co./Par.: CACHE/BOX ELDER	
Section: –	Township: 9N	Range: 1W	
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-0041	
300A-43		Sheet: 43 of 277	Rev. 0

IMPLEMENTATION PLAN 05/24/2010

Jun 14, 2010 – 11:44AM