## LAND

| LINE LIST / LAND PLAT NUMBER | PIPELINE STATION | HORIZONTAL DISTANCE |
|---|---|---|
| 2144 | 5820+00 | 26 FT |
| 2143 | 5819+74 | 1124 FT |
| 2142 | 5808+50 | 354 FT |
| 2141.5 | 5804+96 | 411 FT |
| 2141 | 5800+85 | 466 FT |
| 2140 | 5796+19 | 1976 FT |
| 2138 | 5776+43 | 1699 FT |
| 2137.1 | 5759+44 | 99 FT |
| 2137A R/W ONLY | 5758+45 | 693 FT |
| 2137 | 5751+52 | 86 FT |
| 2136 | 5750+66 | 867 FT |
| 2135A | 5725+00 | 37 FT |
| 2134.7 | 5724+63 | 736 FT |
| 2134.5 R/W ONLY | 5724+27 | 2979 FT |
| 2135 | 5694+48 | 144 FT |
| 2134 | 5693+04 | 2304 FT |
| 2133.5 | 5670+00 | |
| 2133 | | |

## PIPELINE STATIONING

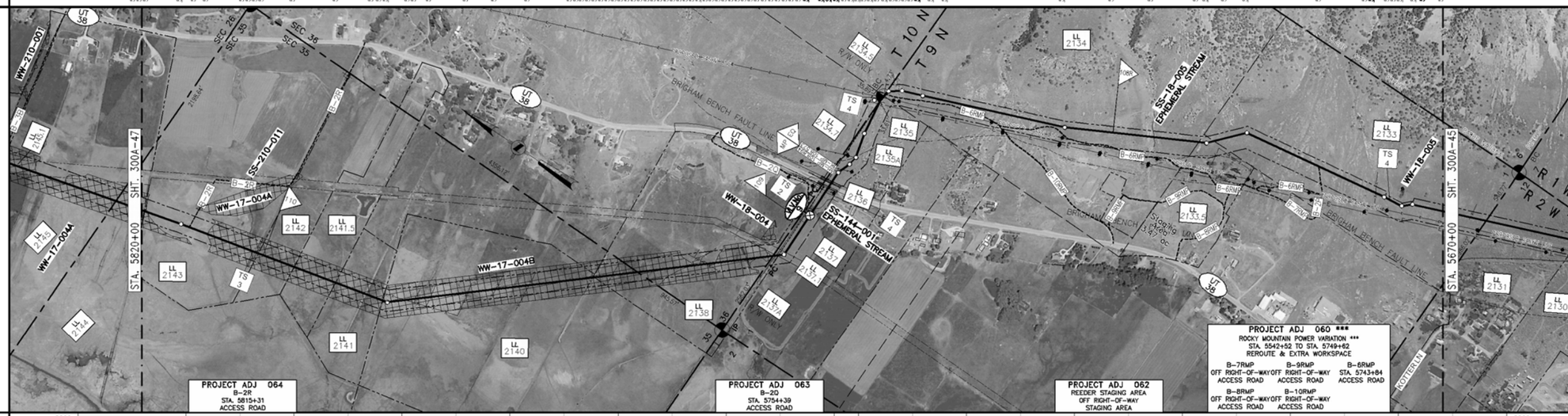
5820+00 MATCHLINE
5819+74 FENCE & PROPERTY LINE
5819+42 BGN WETLANDS
5816+12 P.I. < 11459°-LT
5815+30 ACCESS RD B-2R
5813+50 END WETLANDS
5809+02 TEST LEAD TYPE 3
5808+42 ROAD
5808+50 FENCE & PROPERTY LINE
5808+00 MILEPOST 110
5804+98 FENCE & PROPERTY LINE
5800+85 PROPERTY LINE
5796+22 FENCE, FENCE CORNER 67°RT
5796+19 PROPERTY LINE
5796+71 P.I. < 27.8635°-RT
5793+96 FENCE
5793+08 FENCE
5791+68 FENCE
5789+23 FENCE
5785+60 FENCE
5782+50 FENCE
5776+58 FENCE
5776+43 PROPERTY LINE
5774+75 FENCE
5774+35 FENCE
5767+94 HYDROSTATIC TEST MANIFOLD
5766+98 FENCE CORNER, 71° RT.
5766+03 TOP
5765+20 TOP BANK
5762+18 IRRIGATION DITCH/CANAL
5761+53 BGN WETLANDS
5760+04 FOUND 1"OTHER, .94' LT.
5759+93 BGN WETLANDS
5759+66 END WETLANDS
5759+56 DRAINAGE
5759+24 FENCE
5759+21 PROPERTY LINE
5759+12 BGN WETLANDS
5758+21 P.I. < 48.6110°-RT
5757+50 END WETLANDS
5755+20 MILEPOST 109
5754+70 UT HWY 30A0-46A
5754+30 ACCESS RD B-2D
5753+64 DRAINAGE
5753+44 DRAINAGE, 42" RT.
5751+78 TEST LEAD TYPE 4
5751+52 UT HWY 38
5751+52 PROPERTY CORNER, 40' RT.
5751+32 U/G CABLE TV LINE
5751+20 FOREIGN PIPELINE
5751+20 WATER LINE
5750+94 FOREIGN PIPELINE & TEST LEAD TYPE 2
5750+77 FOREIGN PIPELINE & TEST LEAD TYPE 2
5750+66 END 165'W(140L/25R) & BGN 165'W(110L/25R) TEMP WORK SPACE
5748+62 ROAD
5748+62 END 165'W(140L/25R) & BGN 165'W(110L/25R) TEMP WORK SPACE
5743+43 MP EQ PIPELINE
5731+59 O/H ELECTRIC
5731+27 P.I. < 2.8262°-RT
5727+71 P.I. < 2.8262°-RT
5726+70 P.I. < 2.6271°-LT
5725+00 TOWNSHIP LINE
5724+63 TEST LEAD TYPE 4
5724+59 O/H ELECTRIC & TEST LEAD TYPE 4
5724+27 END WETLANDS
5723+86 ACCESS RD B-2MP
5722+44 P.I. < 44.6222°-RT
5722+44 END 165'W(140L/25R) & BGN 165'W(110L/25R) TEMP WORK SPACE
5722+40 P.I. < 19.9524°-LT
5720+44 P.I. < 0.0445°-RT
5708+68 P.I. < 6.6173°-RT
5702+40 MILEPOST 108R
5698+58 DRAINAGE
5694+48 PROPERTY LINE
5693+78 P.I. < 2.8262°-RT
5693+04 PROPERTY LINE
5689+21 P.I. < 33.1422°-LT
5682+31 ACCESS RD B-2P
5676+47 FENCE
5675+49 P.I. < 2.6262°-LT, END 165'W(140L/25R)&BGN 165'W(140L/25R) TEMP WORK SPACE
5675+56 ROAD
5675+53 TEST LEAD TYPE 4
5674+04 P.I. < 38.0255°-RT
5673+53 P.I. < 2.2273°-LT
5672+33 END 165'W(140L/25R)&BGN 165'W(140L/25R) TEMP WORK SPACE
5670+00 MATCHLINE

## GENERAL NOTES

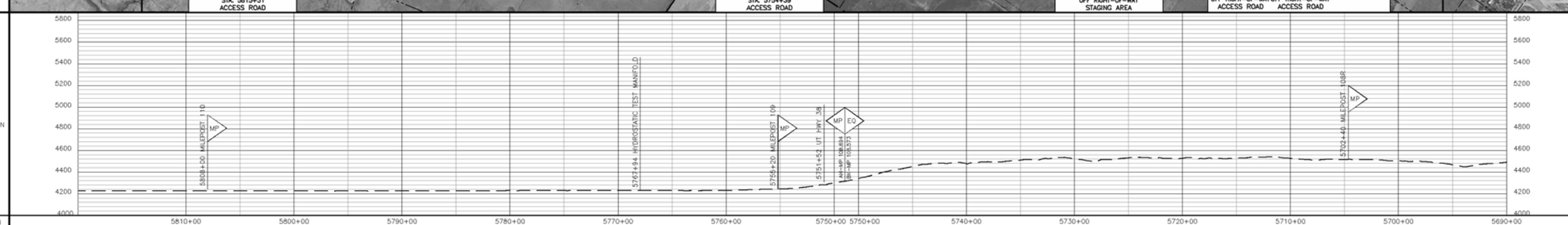
1. THIS PIPELINE WILL BE INSTALLED UNDER TITLE 49 PART 192 CFR.
2. EL PASO COATING SPECIFICATION:
   A. PRODUCTION GIRTH WELDS – UC 235
   B. TIE-INS AND SHORT SECTIONS OF PIPE – UC 271
   C. ARO FIELD JOINTS – USE POWERCRETE-J PER SPEC UC 271
   D. ABOVE GROUND PIPING, VESSELS AND STRUCTURES – AC 135
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.

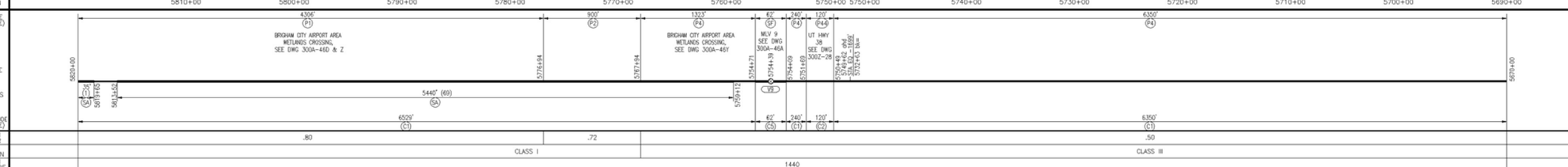
## ALIGNMENT STRIP MAP




## PROFILE




## MATERIAL




## 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. 5670+00 TO STA. 5820+00

| | | | |
|---|---|---|---|
| Division: ROCKY MOUNTAIN | | Op. Area: ELKO | |
| State: UTAH | | Co./Par.: BOX ELDER | |
| Section: – | Township: 9N/10N | Range: 2W | |
| 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-46 Sheet: 46 of 277 Rev: 0

IMPLEMENTATION PLAN 05/24/2010

Jun 14, 2010 – 11:14AM

## LL NO. / OWNERSHIP

| LL NO. | OWNERSHIP |
|---|---|
| 2133 | DAVID TEA, ETAL |
| 2133.5 | BRENT REEDER |
| 2134 | HELEN H. REEDER HOLDINGS, LLC |
| 2135 | PAUL R. HUNSAKER FAMILY LIMITED PARTNER |
| 2135.5 | CATHERINE WILSON TIMOTHY |
| 2135.7 | DOUGLAS LEE |
| 2135A | PAUL R. HUNSAKER FAMILY LIMITED PARTNER |
| 2136 | UTAH DEPARTMENT OF TRANSPORTATION |
| 2137 | MONTE R. MUNNS, ETAL |
| 2137.1 | BOX ELDER COUNTY |
| 2137A | MONTE R. MUNNS, ETAL |
| 2138 | RONALD J. SMITH, ETAL |
| 2140 | STATE OF UTAH |
| 2141 | CLARK A. SIDDOWAY, ETAL |
| 2141.5 | CLARK A. SIDDOWAY, ETAL |
| 2142 | ELMER E. YATES, ETAL |
| 2143 | JERRY D. & KAY L. WILDE, TRUSTEES |
| 2144 | BRUCE M. EVANS, ETAL |

## MATERIAL SUMMARY

| ITEM | DESCRIPTION | QTY |
|---|---|---|
| P1 | PIPE,42.00 OD X 0.541 IN WT, DSAWLAPI 5L GR X-70 | 4306 |
| P2 | PIPE,42.00 OD X 0.600 IN WT, DSAWLAPI 5L GR X-70 | 900 |
| P4 | PIPE,42.00 OD X 0.865 IN WT, DSAWLAPI 5L GR X-70 | 7913 |
| P44 | PIPE,42.00 OD X 0.865 IN WT, LSAWLAPI 5L GR X-70 | 120 |
| SF | SHOP FABRICATION | 62 |
| C1 | PIPE COATING TYPE 1 | 13119 |
| C2 | PIPE COATING TYPE 2 | 120 |
| C5 | PIPE COATING TYPE 5 | 62 |
| V9 | MAIN LINE VALVE 9 | 1 |
| SA | SCREW ANCHORS | 70 |

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 |
| 300Z-28 | PLAN/PROFILE – UTAH HWY 38 |
| 300A-45B | CONSTRUCTION R/W PLAN |
| 300A-46A | PLAN/DETAILS – MLV-9 |
| 300A-46Y | PLAN/PROFILE – WETLANDS CROSSING |
| 300A-46Z | PLAN/PROFILE – WETLANDS 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.