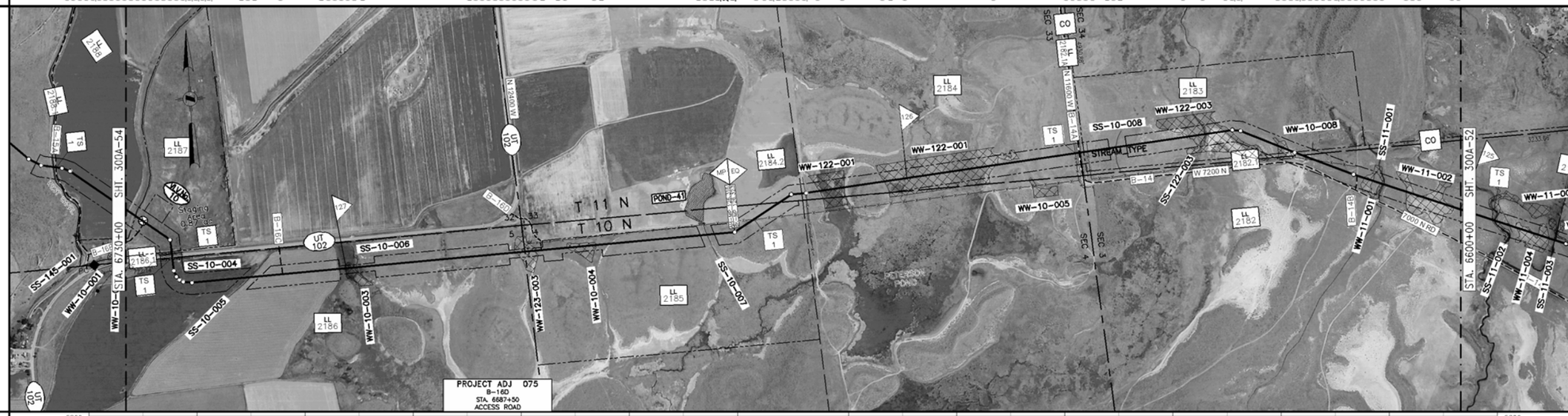
## LAND

| LINE LIST | LAND PLAT NUMBER | PIPELINE STATION | HORIZONTAL DISTANCE |
|---|---|---|---|
| | 2188 | 6730+00 | 109 FT |
| | 2187 | 6728+91 | 502 FT |
| | 2186.1 | 6723+89 | 56 FT |
| | 2186 | 6723+33 | 3432 FT |
| | 2185 | 6689+01 | 2439 FT |
| | 2184.2 | 6664+95 | 130 FT |
| | 2184 | 6663+65 | 2704 FT |
| | 2182.1a | 6636+61 | 33 FT |
| | 2183 | 6636+28 | 1999 FT |
| | 2182.1 | 6616+29 | 75 FT |
| | 2182 | 6615+53 | 1553 FT |
| | | 6600+00 | |

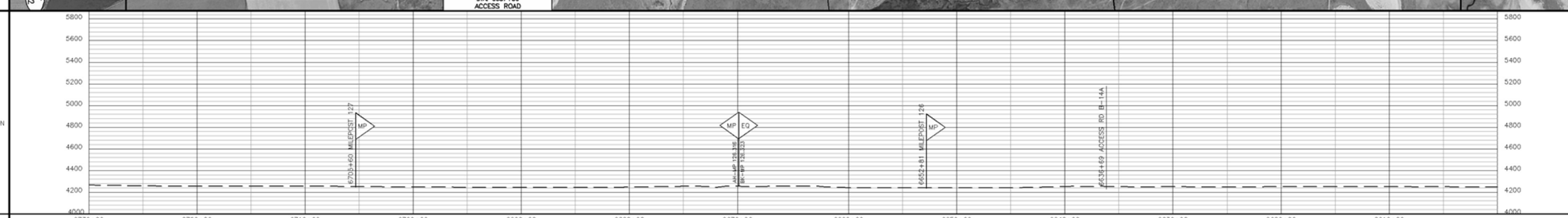
## PIPELINE STATIONING

6730+00 MATCHLINE
6729+14 PROPERTY LINE
6728+14 MLV 10, SEE DWG 300A-53A
6727+91 BEGIN SHT. 300A-54
6726+21 PROPERTY LINE
6725+61 FIBER OPTIC TEST LEAD TYPE 1
6723+79 IRRIGATION DITCH/CANAL
6723+74 IRRIGATION DITCH/CANAL
6723+63 TOP BANK
6723+43 TOP BANK
6723+37 TOP BANK
6723+33 TEST LEAD TYPE 1, SEE DWG 300Z-30ROAD
6723+33 PROPERTY LINE, TOWNSHIP LINE
6723+33 PROPERTY LINE
6723+33 TOP BANK
6723+19 IRRIGATION CANAL
6723+19 FENCE
6722+11 ENGINEER 20222-BT
6721+53 ENGINEER 20222-BT
6720+53 ENGINEER 20222-BT
6720+25 ENGINEER 20222-BT
6719+93 ENGINEER 20222-BT
6719+93 PT. C-1163+29
6719+93 PT. C-1163+29
6719+93 PT. C-1163+29
6715+44 END UT HWY 102 & MOV 10 BEGIN 10" KCW RESTRAINED WORK SPACE
6714+55 END UT HWY 102 & MOV 10 BEGIN 11" KCW RESTRAINED WORK SPACE
6711+51 ACCESS RD B-16C
6706+22 END 75'X50'(U/2)/75'(S/R)A 165'W(110'L/55'R) TEMP WORK SPACE
6704+62 END WETLANDS
6705+72 END WETLANDS
6705+72 BEGIN WETLANDS
6704+81 END WETLANDS
6704+62 BEGIN WETLANDS
6704+60 END 80'X50'(U/2)/80'(S/R)A 165'W(110'L/55'R) TEMP WORK SPACE
6704+60 END 80'X50'(U/2)/80'(S/R)A 165'W(110'L/55'R) TEMP WORK SPACE
6690+28 END 75'X50'(U/2)/75'(S/R)A 165'W(110'L/55'R) TEMP WORK SPACE
6689+75 SECTION LINE
6689+75 FENCE CORNER, 34' RT.
6688+96 FENCE CORNER, 34' RT.
6688+64 FENCE CORNER, 71' RT.
6688+51 FENCE CORNER, 86' RT.
6688+51 FENCE CORNER, 87' RT.
6689+30 FENCE CORNER, 86' RT.
6687+50 ACCESS RD B-16D
6687+50 ACCESS RD B-16D
6687+49 END 120'W(50'L/70'R)A(R) 165'W(110'L/55'R) 75'X50'(U/2)/75'(S/R) TEMP WORK SPACE
6685+58 END 120'W(50'L/70'R)A(R) 165'W(110'L/55'R) 75'X50'(U/2)/75'(S/R) TEMP WORK SPACE
6685+06 END WETLANDS
6682+39 BGN WETLANDS
6681+89 END 165'W(110'L/55'R)A(R) 125'W(50'L/75'R) 75'X50'(U/2)/75'(S/R) TEMP WORK SPACE
6681+89 END 165'W(110'L/55'R)A(R) 125'W(50'L/75'R) 75'X50'(U/2)/75'(S/R) TEMP WORK SPACE
6672+71 END 115'W/75'R(R) 165'W TEMP WORK SPACE
6671+41 END 115'W/75'R(R) 165'W TEMP WORK SPACE
6671+41 END 115'W/75'R(R) 165'W TEMP WORK SPACE
SECTION LINE
6669+58 BEGIN 75' RT. REALIGNMENT
SECTION LINE
6667+75 FENCE & TEST LEAD TYPE 1
6664+95 DRAINAGE LINE
6664+95 END WETLANDS
6660+40 END R/W FOLLOWING TWP LAE(50'W)50'R 165'W TEMP WORK SPACE
6660+40 END R/W FOLLOWING TWP LAE(50'W)50'R 165'W TEMP WORK SPACE
6660+40 PROPERTY LINE
6662+29 ROAD
6662+22 FENCE
6662+22 FENCE, 249'N-BT
6660+44 END WETLANDS
6658+45 BGN WETLANDS
6654+90 END WETLANDS
6654+70 END 110'W 13/BGN REDUCED 1T TEMP WORK SPACE
W/W FOLLOWS TOWNSHIP LINE
6652+79 PROPERTY LINE
6644+51 BGN WETLANDS
6637+06 FENCE & TEST LEAD TYPE 1
6636+61 END 115'W/80'R(R) 165'W TEMP WORK SPACE
6636+61 SECTION LINE
6636+61 PROPERTY LINE
6636+49 FENCE
6633+41 END 115'W/80'R(R) 165'W TEMP WORK SPACE
6633+41 END 115'W/80'R(R) 165'W TEMP WORK SPACE
6633+10 DRAINAGE
6632+50 END 115'W/80'R(R) 165'W TEMP WORK SPACE
6632+50 END 115'W/80'R(R) 165'W TEMP WORK SPACE
6626+78 END WETLANDS
6624+95 DRAINAGE
6622+60 BGN WETLANDS
6622+32 FENCE CORNER, 41' LT.
6622+32 FENCE CORNER, 41' LT.
6621+90 PT. C-1237+16
6616+29 PROPERTY LINE
6616+29 PROPERTY LINE
6616+29 FENCE CORNER, 41' LT.
6616+29 FENCE CORNER, 41' LT.
6615+53 TOWNSHIP LINE
6615+53 END 115'W/80'R(R) 165'W
6614+12 FENCE
6614+12 FENCE CORNER, 80' RT.
6610+40 FENCE
6610+40 FENCE CORNER, 17' RT.
6610+34 FENCE CORNER, 80' RT.
6609+37 END WETLANDS
6609+37 END WETLANDS
6607+76 END WETLANDS
6607+44 DRAINAGE
6607+45 BGN WETLANDS
6605+27 END WETLANDS
6604+55 BGN WETLANDS
6603+83 END WETLANDS
6603+83 END WETLANDS
6600+00 BGN WETLANDS
6600+00 MATCHLINE

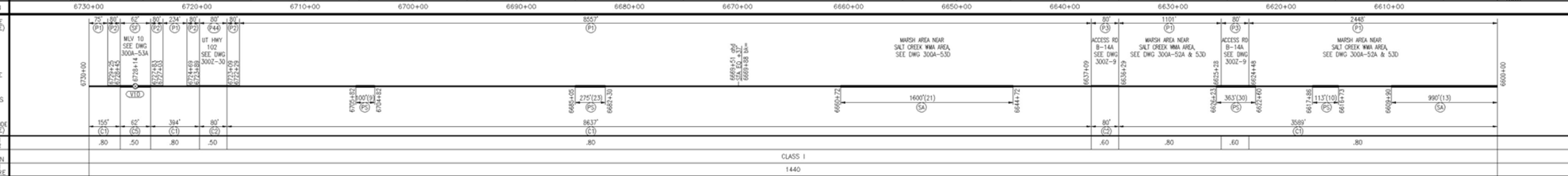
## ALIGNMENT STRIP MAP




## PROFILE




## MATERIAL




## 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. 6600+00 TO STA. 6730+00

| | | | |
|---|---|---|---|
| Division: ROCKY MOUNTAIN | | Op. Area: ELKO | |
| State: UTAH | | Co./Par.: BOX ELDER | |
| Section: – | Township: 10N/11N | Range: 4W | |
| 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-53 | | Sheet: 53 of 277 | Rev: 0 |

IMPLEMENTATION PLAN 05/24/2010

Jan 14, 2010 - 11:01AM

## OWNERSHIP

| LL NO. | OWNERSHIP |
|---|---|
| 2182 | EPH C. JENSEN LAND, LLC |
| 2182.1 | BOX ELDER COUNTY |
| 2183 | KATHLEEN TENDERHOLT FAMILY TRUST |
| 2182.1A | BOX ELDER COUNTY |
| 2184 | CHAD W. GRAY |
| 2184.2 | ROBERT C. KOSBAB FAMILY TRUST |
| 2185 | BURNING HEART PARTNERS |
| 2186 | CONNOR CATTLE COMPANY |
| 2186.1 | STATE OF UTAH–DEPT OF TRANSPORTATION |
| 2187 | LANE PETERSEN, ETAL |
| 2188 | DIX B. ROBERTS, ETAL |

## MATERIAL SUMMARY

| ITEM | DESCRIPTION | QTY |
|---|---|---|
| P1 | PIPE,42.00 OD X 0.541 IN WT, DSAW,API 5L GR X-70 | 12415 |
| P2 | PIPE,42.00 OD X 0.600 IN WT, DSAW,API 5L GR X-70 | 320 |
| P3 | PIPE,42.00 OD X 0.721 IN WT, DSAW,API 5L GR X-70 | 160 |
| P44 | PIPE,42.00 OD X 0.865 IN WT, LSAW,API 5L GR X-70 | 80 |
| SF | SHOP FABRICATION | 62 |
| C1 | PIPE COATING TYPE 1 | 12815 |
| C2 | PIPE COATING TYPE 2 | 160 |
| C5 | PIPE COATING TYPE 5 | 62 |
| V10 | MAIN LINE VALVE 10 | 1 |
| PS | PIPESAK | 72 |
| SA | SCREW ANCHORS | 34 |

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–30 | PLAN/PROFILE – UTAH HWY 102 |
| 300A–53A | PLAN/DETAILS – MLV–10 |
| 300A–53D | 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.