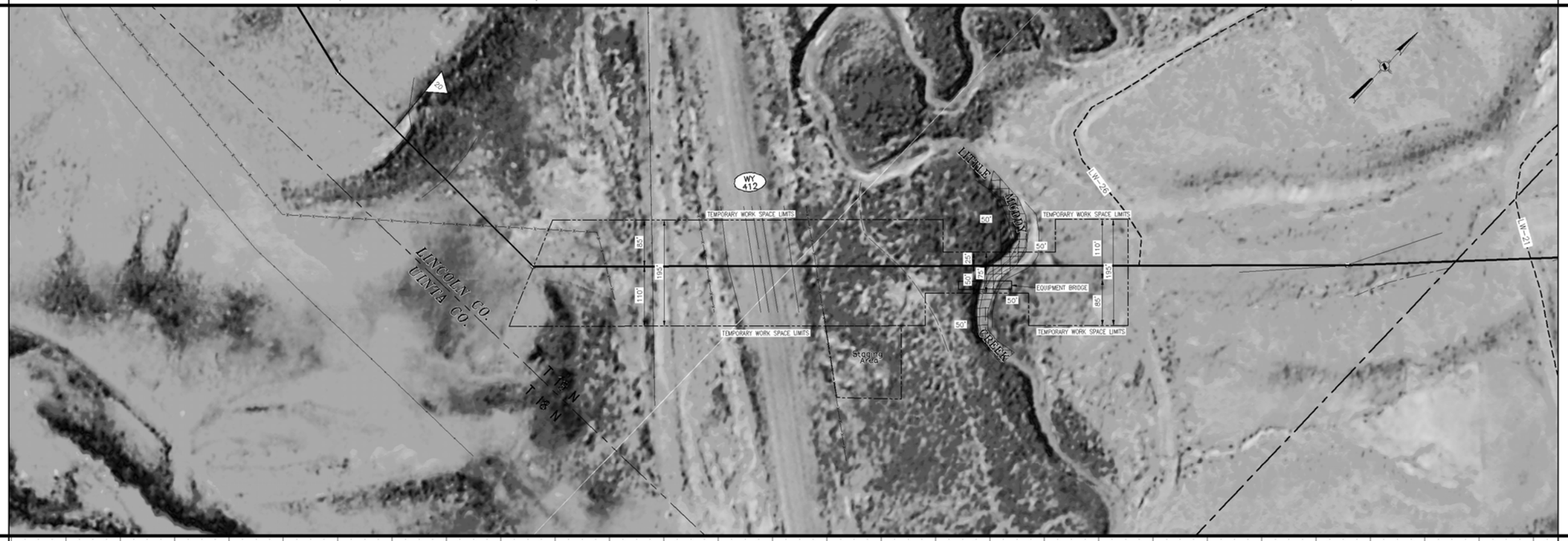
PIPELINE STATIONING

1057+46 P.I. = 1345°20" RT.
1056+00 WILDPOST 20
1055+74 TOP BANK
1054+68 TOE BANK
1053+44 FENCE
1052+80 P.I. = 44°54'4" RT.
1052+10 END 16"W/NON 115"W TEMP WORK SPACE
1051+23 FENCE CORNER, 63' RT.
1051+06 FENCE
1050+21 FOREIGN PIPELINE
1049+20 FENCE
1049+08 PROPERTY
1048+19 WY HWY 412, SEE DWG 300Z-22
1047+20 FENCE
1047+06 PROPERTY
1045+66 ROAD
1045+20 END 13"W/NON/.875"GASER 195' TEMP WORK SPACE
1044+92 END 16"W/NON/.375"GASER 101' TEMP WORK SPACE
1044+68 END 16"W/NON/.375"GASER 70' TEMP WORK SPACE
1044+10 TOP BANK
1043+88 END WETLANDS
1043+78 TOE BANK
1043+72 LITTLE MUDDY CREEK
1043+62 END 16"W/NON/.375"GASER 70' TEMP WORK SPACE
1043+24 TOP BANK
1042+55 END 16"W/NON 13"GASER/.1875"/.1875" TEMP WORK SPACE
1041+46 END 115"W/NON 195"W TEMP WORK SPACE
1041+25 ACCESS RD LW-26
1037+44 TOP BANK
1037+42 P.I. = 1345°46" RT.
1035+29 SECTION LINE
1034+04 ACCESS RD LW-21

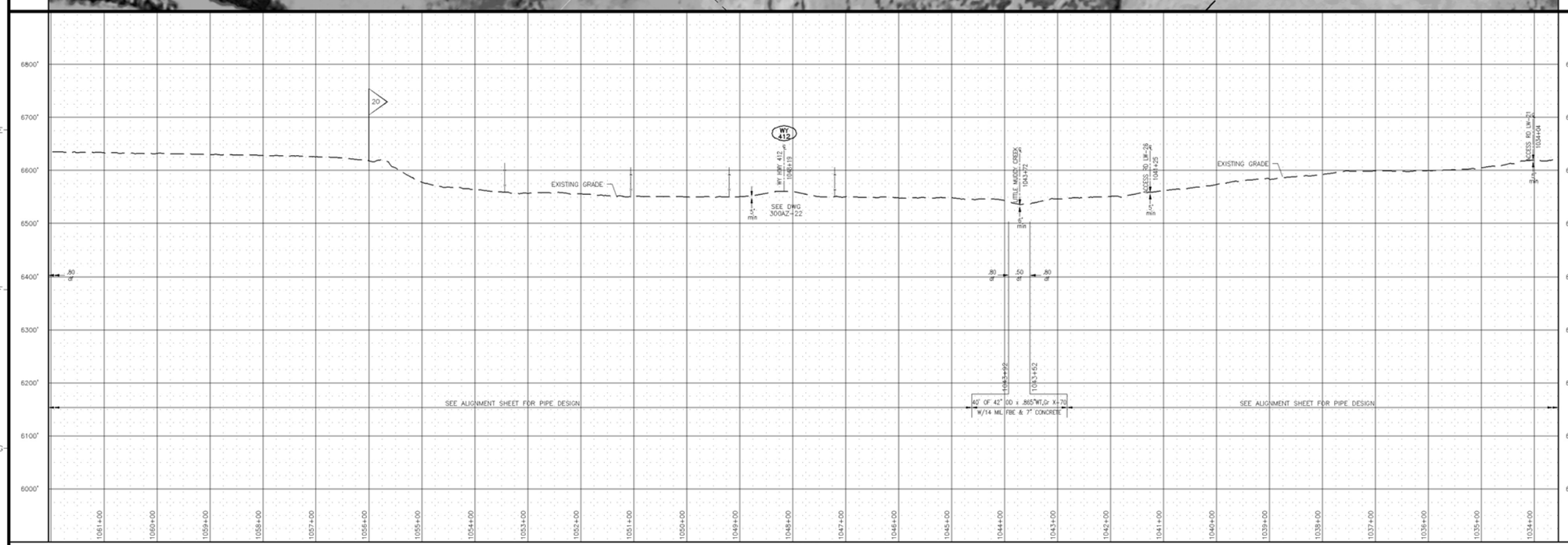
PIPELINE STATIONING

ALIGNMENT




ALIGNMENT

PROFILE




## REFERENCE DRAWINGS

300A-9 ALIGNMENT SHEET
300AZ-22 WYOMING HWY 412 CROSSING

## GENERAL NOTES

1. THIS PIPELINE INSTALLED UNDER CODE: TITLE 49, PART 192 CFR, CLASS 1.
2. THERE WILL BE LIMITED ACCESS, NO PARKING, NO REFUELING, NO VEHICLE MAINTENANCE, NO STORAGE WITHIN 100 FT. OF EACH HIGH BANK
3. CONSTRUCTION OF THE PIPELINE AT THE RIVER SHALL BE PERFORMED IN SUCH MANNER AS TO KEEP TO A MINIMUM DAMAGE TO SHORELINE, WATER CROSSED, AND FISH AND WILDLIFE HABITATS
4. EROSION CONTROL DEVICES WILL BE INSTALLED AND INSPECTED AND MAINTAINED BY THE CONTRACTOR. SILT FENCE OR HAY BALES SHALL BE MAINTAINED ACROSS THE PIPELINE R/W AT BOTH SIDES OF THE RIVER CROSSING. IN THE TRAVEL LANE,THESE MAY CONSIST OF REMOVABLE SEDIMENT BARRIERS OR DRIVABLE BERMS.
5. FOLLOWING CONSTRUCTION, THE RIVER BOTTOM SHALL BE RETURNED TO IT'S ORIGINAL CONTOUR AND GRADIENT.
6. TOPSOIL AND APPROACH SPOIL SHALL BE KEPT SEPARATE FROM INSTREAM SPOIL. AFTER INSTALLATION OF THE PIPE, THE SPOIL SHALL BE REPLACED TO IT'S ORIGINAL LOCATION.
7. EXCEPT TO PROVIDE VEHICLE EQUIPMENT ACCESS, RIVER BANKS WILL BE GRADED JUST PRIOR TO CONSTRICTION OF THE CROSSING. A 10 FT. VEGETATED BUFFER STRIP, EXCEPT FOR VEHICLE CROSSING, ON BOTH SIDES OF THE CROSSING SHALL BE MAINTAINED AND ONLY CUT PRIOR TO CONSTRUCTION OF THE CROSSING
8. PRIOR TO ACTUAL INSTALLATION, THE PIPE SHALL BE WELDED ON THE BANK AND PULLED OR CARRIED FOR CROSSING.
9. CONTRACTOR SHALL MINIMIZE THE NUMBER OF TREES TO BE REMOVED. ORANGE BARRICADE FENCING TO BE INSTALLED AROUND MARKED TREES TO REMAIN IN PLACE TO BE COORDINATED WITH ENVIRONMENTAL INSPECTOR.
10. A MINIMUM OF SIX (6) FEET COVER TO TOP OF PIPE SHALL BE REQUIRED. COVER SHALL BE MEASURED FROM THE TOP OF THE PIPELINE TO THE ORIGINAL CREEK BED ELEVATION.
11. STABILIZING VEGETATION REMOVAL SHALL BE KEPT TO A MINIMUM. CRUSHING OR SHEARING STREAMSIDE WOODY VEGETATION IS PREFERABLE TO COMPLETE REMOVAL. ANY VEGETATION THAT IS REMOVED SHALL BE REESTABLISHED IN A REASONABLE TIME FRAME AFTER CONSTRUCTION.
12. MOST EQUIPMENT WILL ONLY REQUIRE A ONE-TIME CROSSING. MULTIPLE CROSSINGS SHALL BE KEPT TO A REASONABLE MINIMUM.
13. IMMEDIATELY AFTER THE BACKFILLING OF PIPE, SEDIMENTATION CONTROL DEVICES (HAY BALES, SILT FENCE, ETC.) SHALL BE PLACED ACROSS THE R/W TO CONTROL SEDIMENT FROM THE R/W.
14. IN STREAM WORK TO BE PERFORMED BETWEEN JUNE 1 AND NOVEMBER 30 FOR WARM WATER FISHERIES.
IN STREAM WORK TO BE PERFORMED BETWEEN JUNE 1 AND SEPTEMBER 30 FOR COLD WATER FISHERIES.

## SITE SPECIFIC NOTES

1. CROSSING TO BE INSTALLED UTILIZING THE DRY CROSSING METHOD (FLUME AND/OR DAM AND PUMP).
2. AFTER PIPE INSTALLATION, DOZERS AND BACKHOES WILL BE ALLOWED IN THE RIVER TO BACKFILL THE DITCHES AS QUICKLY AS POSSIBLE.
3. ACTUAL CROSSING MUST BE INSTALLED WITHIN A 24 HOUR DURATION.

**DESIGN DATA**

CODE: TITLE 49, PART 192 CFR, CLASS 1, df=.50,.60 & .80
PRESSURE: 1440 PSIG MAOP

## SCALE, PROJECTION & SURVEY DATA

50' 25' 0 50' 100'

SCALE: 1"=100' HORIZONTAL
1"=100' VERTICAL
GPS SURVEY (G.P.S. TRIMBLE 5800 SERIES)
UTM ZONE 12, NAD83 (US FT), NAVD88, GEOID03

| NO. | DATE | BY | DESCRIPTION | PROJ. ID | APPR. |
|---|---|---|---|---|---|
| B | 3/18/10 | JDK | IMPLEMENTATION FILING | 128574 | JJJ |
| A | 7/10/09 | JDK | ISSUE FOR FERC FILING | 128574 | JJJ |

REVISIONS

RUBY PIPELINE LLC

PLAN AND PROFILE
RUBY PIPELINE LN 300A-42 INCH CROSSING LITTLE MUDDY CREEK (MP 19.8) AND WYOMING HIGHWY 412

| | | | |
|---|---|---|---|
| Division: ROCKY MOUNTAIN | | Op. Area: ELKO | |
| State: WYOMING | | Co./Par.: LINCOLN | |
| Section: 31 | Township: 19N | Range: 116W | |
| Drafter: JDK | Date: 02/04/09 | Project ID: 128574 | Type: C3D |
| Chk'd: | Date: | Scale: AS SHOWN | |
| Appr: | Date: | Filename: 0300-A-0009A | |
| 300A-9A | | Sheet: 1 of 1 | Rev. 0 |

TMPLEMENTATION PLAN 05/24/2010