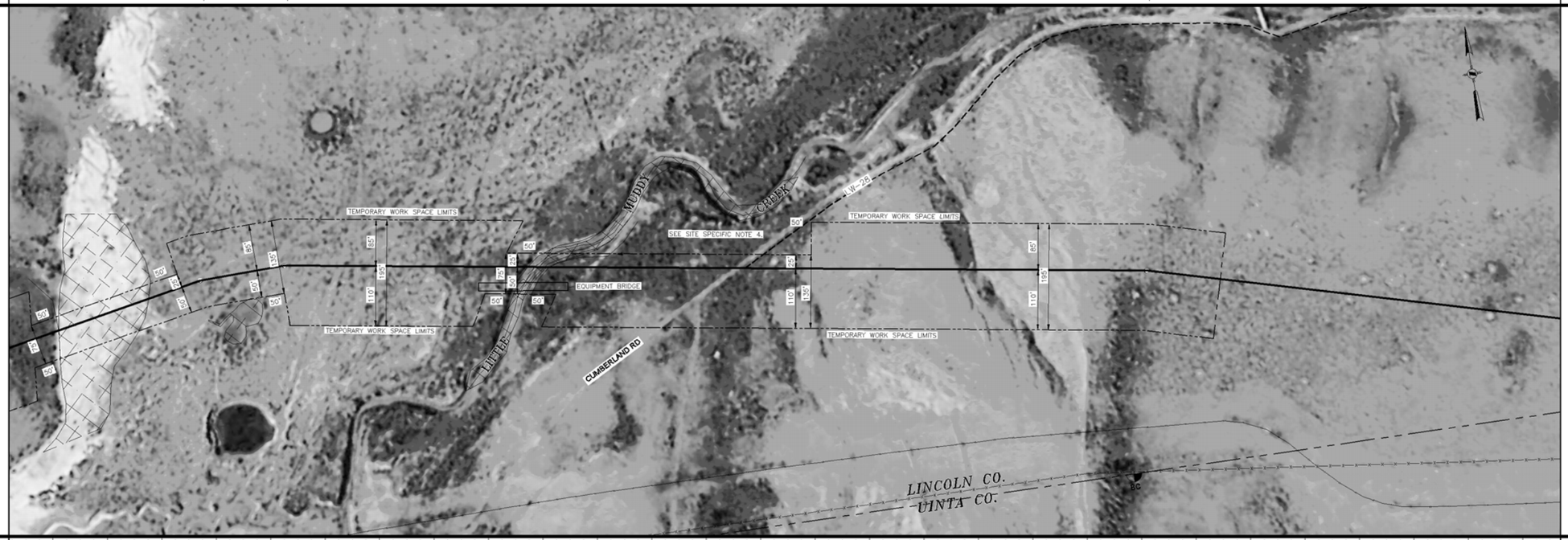
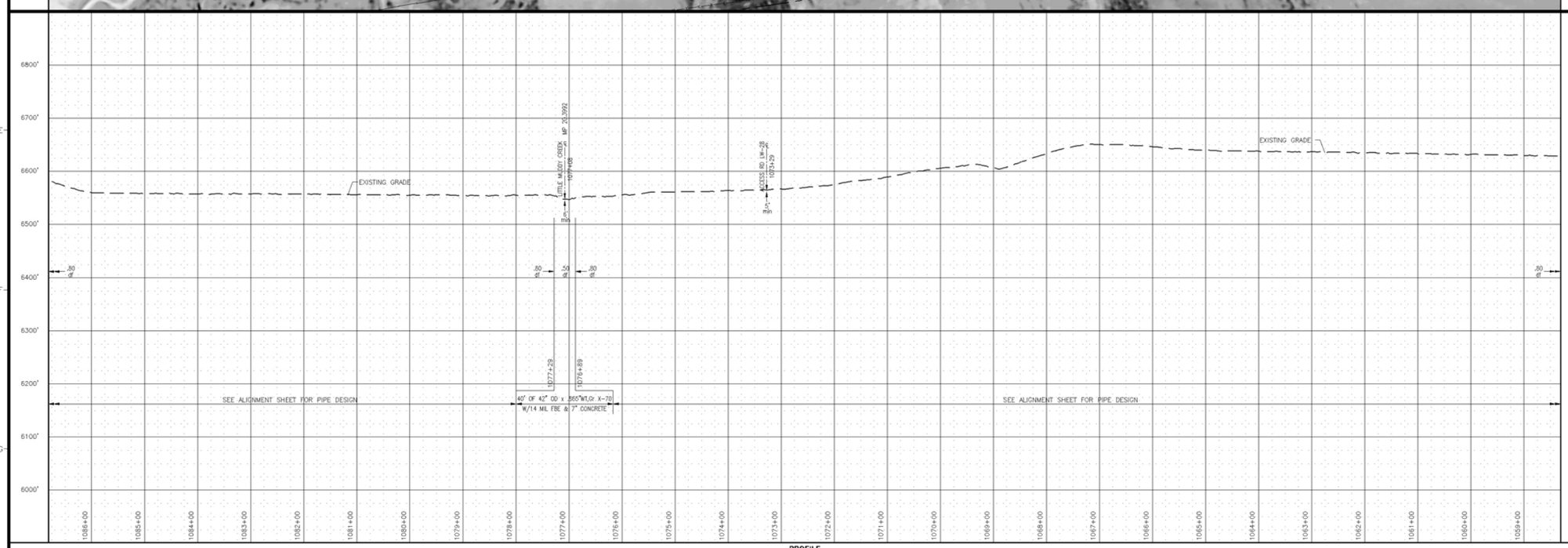
PIPELINE STATIONING

1086+57 DID 75%(50)/25%(89)R 165%(110)/25%(79) TEMPORARY WORK SPACE
1086+08 TOE BANK
1086+07 END WETLANDS
1084+32 BGN WETLANDS
1083+70 DID 133%(50)/67%(89)R 75%(50)/25%(79) TEMPORARY WORK SPACE
1083+33 P.I. ∠ 61°54' LT
1081+90 DID 165%(110)/25%(89)R 133%(110)/25%(79) TEMPORARY WORK SPACE
1081+75 P.I. ∠ 53°22' LT
1077+66 DID 75%(50)/25%(89)R 165%(110)/25%(79) TEMPORARY WORK SPACE
1077+39 TOE BANK
1077+18 END WETLANDS
1077+15 TOE BANK
1077+06 BGN LITTLE MUDDY CREEK
1076+97 TOE BANK
1076+91 END WETLANDS
1076+89 TOP BANK
1076+41 DID 133%(110)/67%(89)R 75%(50)/25%(79) TEMPORARY WORK SPACE
1073+29 ACCESS RD LW-28 (CUMBERLAND ROAD)
1072+10 DID 165%(110)/25%(89)R 133%(110)/25%(79) TEMPORARY WORK SPACE
1066+92 P.I. ∠ 61°43' LT
1064+58 BGN 165%(110)/25%(89) TEMP WORK SPACE

ALIGNMENT



PROFILE



REFERENCE DRAWINGS

300A-9 ALIGNMENT SHEET

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 CONSTRUCTION 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.
4. EXTRA WORKSPACE REQUESTED WITHIN 50' OF WETLAND TO ACCOMMODATE SPOIL STORAGE.

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	ISSUED FOR FERC FILING	128574	JJJ

REVISIONS

RUBY PIPELINE LLC

PLAN AND PROFILE
RUBY PIPELINE LN 300A-42 INCH
CROSSING LITTLE MUDDY CREEK (MP 20.4)

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-0009B	
300A-9B		Sheet: 1 of 1	Rev 0

IMPLEMENTATION PLAN 05/24/2010