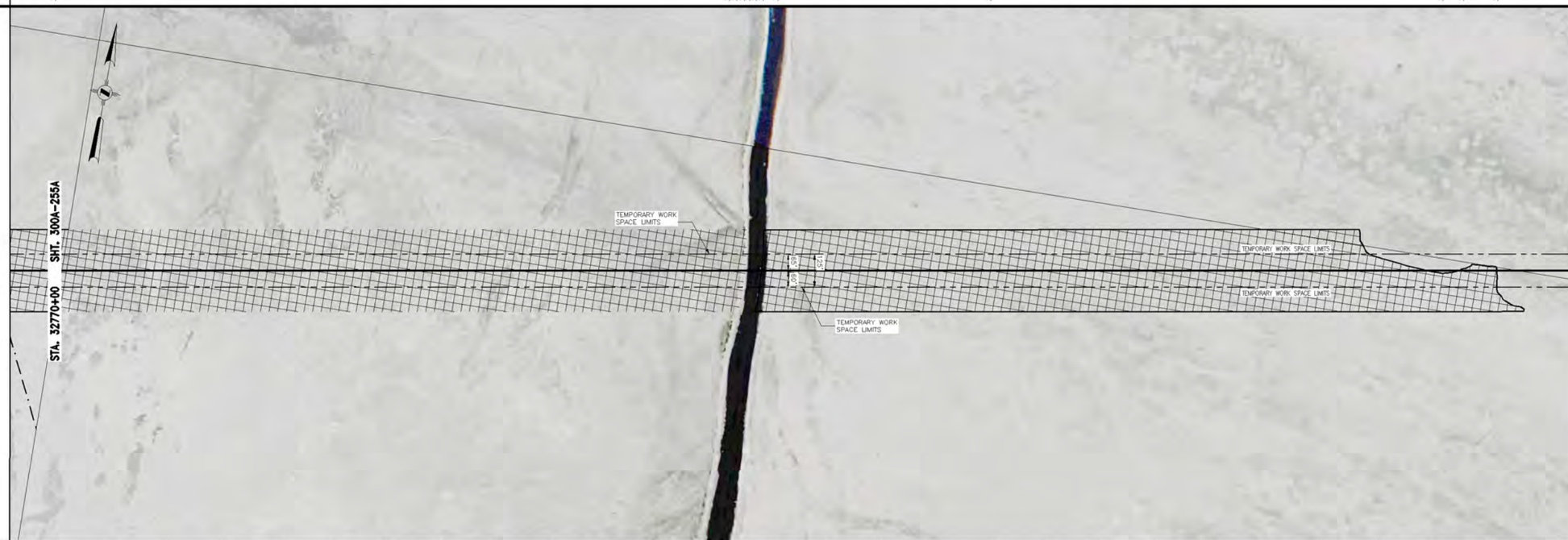
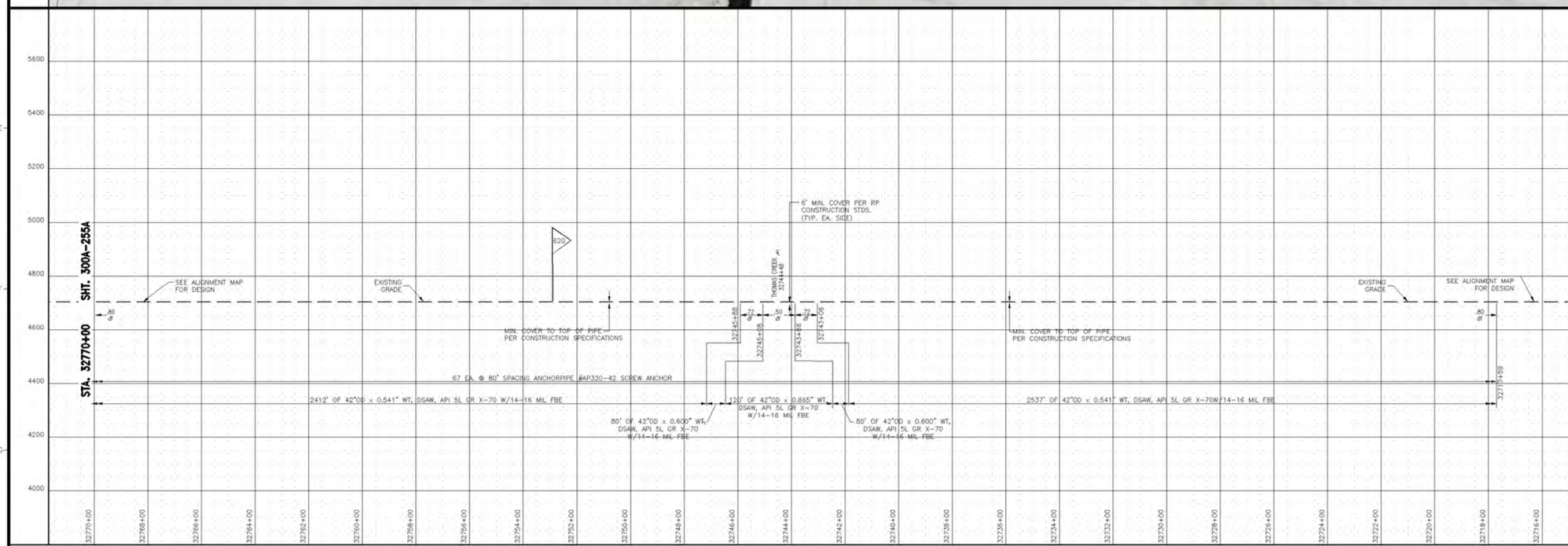
PIPELINE STATIONING

32769+76 MATCHLINE
32744+27 TEST LEAD TYPE 1
32744+28 IRON WETLAND & DRAINAGE
32744+31 EDGE OF THOMAS CREEK
32744+41 END WETLAND
32744+49 EDGE OF THOMAS CREEK
32743+90 TEST LEAD TYPE 1
32736+92 MILEPOST 620
32720+10 IRON WETLAND & DRAINAGE
32718+97 DRAINAGE & END WETLAND
32717+58 DRAINAGE & IRON WETLAND

ALIGNMENT





REFERENCE DRAWINGS

300A-254 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 PER-FORMED 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.
5. FOLLOWING CONSTRUCTION, THE RIVER BOTTOM SHALL BE RE-TURNED TO IT'S ORIGINAL CONTOUR AND GRADIENT.
6. TOPSOIL AND APPROACH SPOIL SHALL BE KEPT SEPARATE. 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.
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. RIPARIAN CANOPY OR STABILIZING VEGETATION REMOVAL SHALL BE KEPT TO A MINIMUM. CRUSHING OR SHEARING STREAM SIDE WOODY VEGETATION IS PREFERABLE TO COMPLETE REMOVAL.
12. MOST EQUIPMENT WILL ONLY REQUIRE A ONE-TIME CROSSING. MULTIPLE CROSSINGS, DURING PIPE INSTALLATION, 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.

SITE SPECIFIC NOTES

1. CONTRACTOR MAY SHIFT WORK SPACE AND SPOIL SIDE THROUGH THE CROSSING AS REQUIRED FOR DITCHING AND INSTALLATION OF PIPE.
2. CONTRACTOR MUST MAKE EVERY EFFORT TO SAVE ANY WOODY VEGETATION. BY WELDING PIPE IN THE TEMPORARY WORK SPACE AND DRAGGING OR CARRYING THE PIPE IN PLACE. THE WORK LIMITS SHALL BE MINIMIZED TO THE EXTENT POSSIBLE.
3. AFTER PIPE INSTALLATION, DOZERS AND BACKHOES WILL BE ALLOWED IN THE RIVER TO BACKFILL THE DITCHES AS QUICKLY AS POSSIBLE.
4. ACTUAL CROSSING MUST BE INSTALLED WITHIN A 48 HOUR DURATION.
5. NO DITCH SPOIL WILL BE PLACED IN THE CREEK.
6. A TEMPORARY BRIDGE WILL BE PLACED ON WORKING SIDE FOR EQUIPMENT CROSSING.
7. CONTRACTOR MAY SHIFT WORK SPACE AND SPOIL SIDE THROUGH THE CROSSING AS REQUIRED FOR DITCHING AND INSTALLATION OF PIPE.
8. DEPENDING ON WATER TABLE AT TIME OF INSTALLATION, CONTRACTOR MAY CHOSE TO PERFORM A "PUSH" TYPE INSTALLATION.
9. THE EXTRA WORK SPACE IS REQUIRED IN THE WETLAND TO ALLOW FOR STORAGE OF SLOOPY DITCH MATERIAL AND SEPARATION OF TOPSOIL.

DESIGN DATA

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

SCALE, PROJECTION & SURVEY DATA

200' 100' 0 200' 400'

SCALE: 1"=200' HORIZONTAL
1"=200' VERTICAL
GPS SURVEY (G.P.S. TRIMBLE 5800 SERIES)
UTM ZONE 10, NAD83 (US FT), NAVD88, GEOID03

NO.	DATE	BY	DESCRIPTION	PROJ. ID	APPR.
B	3/18/10	DLM	IMPLEMENTATION FILING	128576	LAC

REVISIONS

RUBY PIPELINE LLC

PLAN AND PROFILE
RUBY PIPELINE LN 300A-42 INCH
CROSSING THOMAS CREEK &
WETLANDS VARIANCE
STA 32700+00 TO STA 32752+79

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: OREGON		Co./Par.: LAKE	
Section:	Township:	Range:	
Drafter: DLM	Date: 02/16/09	Project ID: 128576	Type: CIVIL3D
Chk'd:	Date:	Scale: AS SHOWN	
Appr:	Date:	Filename: 0300-A-254A	

300A-254A

Sheet: 1 of 9 Rev: B

IMPLEMENTATION PLAN 05/24/2010

Jan 15, 2010 - 1:27PM