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. 2570+00 TO STA. 2700+00

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: UTAH		Co./Par.: RICH	
Section: –	Township: 9N	Range: 7E/8E	
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-0021	

300A-22 Sheet: 22 of 27 Rev: 0

IMPLEMENTATION PLAN 05/24/2010

Apr 14, 2010 - 11:52AM

LAND

LINE LIST: 2005B, 2005.2, 2005A, 2005.1, 2005, 2004, 2003, 2002

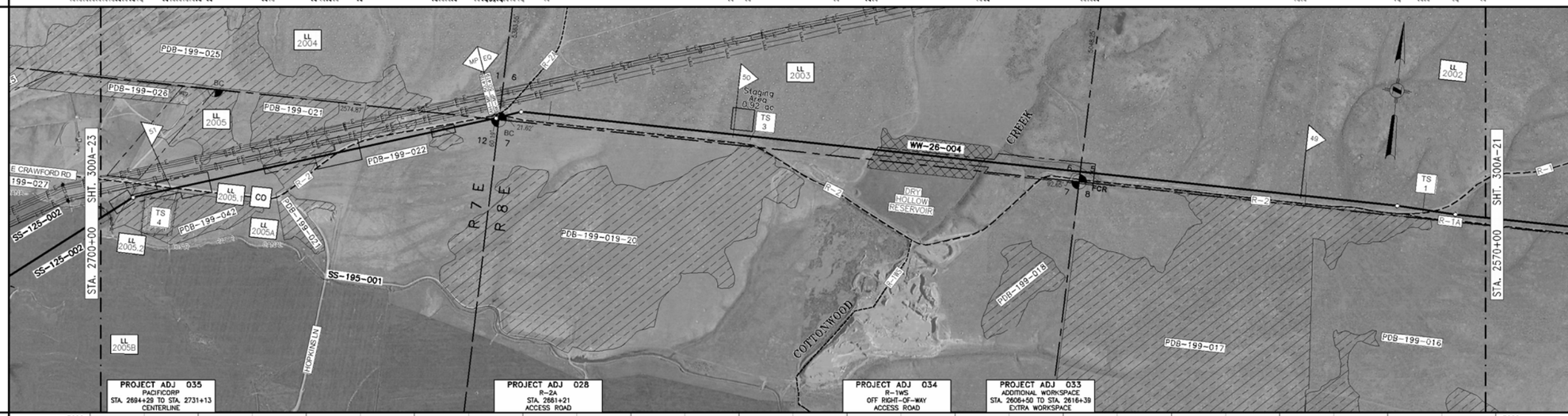
LAND PLAT NUMBER / PIPELINE STATION: 2699+15, 2692+47

HORIZONTAL DISTANCE: 2700+00; 3759 FT; 2662+40; 63 FT; 2661+77; 5406 FT; 2607+72; 3772 FT; 2570+00

PIPELINE STATIONING

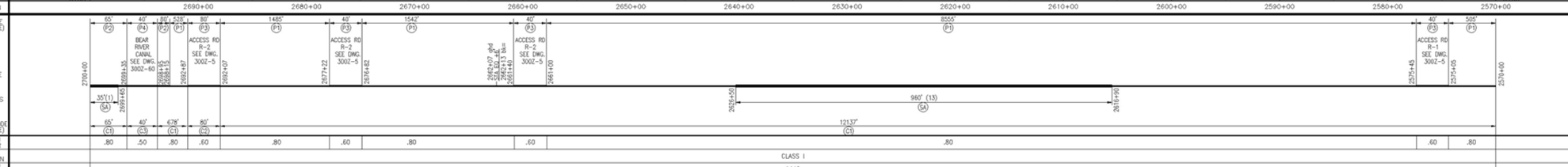
2700+00 MATCHLINE
2699+27 TOP BANK
2699+17 TOE BANK
2699+15 BEAR RIVER CANAL, NO DWG
2699+14 TOE BANK
2699+12 TOP BANK
2699+04 TOP BANK
2694+45 DID 135'W(50'/0'/85')BGR 115'W TEMP WORK SPACE
2697+28 DID PRAIRIE DOG COUNTY
2696+50 DID 75'W/BGR 135'W(50'/85') TEMP WORK SPACE
2695+63 P.I. = 24°20'25" LT & BGR 195'W(50'/85') TEMP WORK SPACE
2694+15 DID 135'W(50'/0'/85')BGR 75'W TEMP WORK SPACE
2692+87 MILEPOST 51
2692+80 ACCESS RD R-2 (SUITLE CRAWFORD RD)
2692+67 TEST LEAD TYPE 4
2692+47 DID 192'W(110'/85')BGR 135'W(50'/85') TEMP WORK SPACE
2689+25 DID 115'W/BGR 195' W TEMP WORK SPACE
2684+10 DID 75'W/BGR 115'W TEMP WORK SPACE
2683+78 DID PRAIRIE DOG COUNTY
2679+25 DID 135'W(110'/25')BGR 75'W TEMP WORK SPACE
2679+10 BGR 192'W(110'/85')BGR 135'W(110'/25') TEMP WORK SPACE
2677+03 ACCESS RD R-2
2675+00 DID 115'W/BGR 195' W TEMP WORK SPACE
2668+25 DID 75'W/BGR 115'W TEMP WORK SPACE
2667+83 DID PRAIRIE DOG COUNTY
2666+83 BGN PRAIRIE DOG COUNTY
2666+06 DID 115'W/BGR 75'W) TEMP WORK SPACE
2662+40 SECTION LINE
2662+07 -0'04 LT & 2°52'22" RT
STATION EQUATION 1:1
2662+13 BK= BGN REALIGNMENT
2662+13 AH= END REALIGNMENT
2661+421 ACCESS RD R-2
2661+73 P.I. = 20°26'14" LT & BGN 195'W TEMP WORK SPACE
2657+11 ROAD
2640+00 MILEPOST 50
2638+40 TEST LEAD TYPE 3
2630+17 ROAD
2628+60 DID 75'W/BGR 115'W TEMP WORK SPACE
2628+59 END WETLANDS
2616+80 BGN WETLANDS
2616+39 DID 195'W/BGR 75'W TEMP WORK SPACE
2607+72 SECTION LINE
2606+59 ROAD
2606+50 DID 115'W/BGR 195' W TEMP WORK SPACE
2587+20 MILEPOST 49
2584+10 ROAD
2578+43 P.I. = 2°14'30" LT
2575+62 TEST LEAD TYPE 1
2575+28 ACCESS RD R-1
2572+81 P.I. = 2°16'13" RT
2570+00 MATCHLINE

ALIGNMENT STRIP MAP



PROFILE

MATERIAL



OWNERSHIP

LL NO.	OWNERSHIP
2002	USA-BLM
2003	USA-BLM
2004	USA-BLM
2005	HOPKIN REVOCABLE TRUST
2005.1	RICH COUNTY UTAH
2005A	HOPKIN REVOCABLE TRUST
2005.2	BEAR RIVER CANAL COMPANY
2005B	HOPKIN REVOCABLE TRUST

LL NO.	OWNERSHIP

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P1	PIPE,42.00 OD X 0.541 IN WT, DSAW,API 5L GR X-70	12615
P2	PIPE,42.00 OD X 0.600 IN WT, DSAW,API 5L GR X-70	145
P3	PIPE,42.00 OD X 0.721 IN WT, DSAW,API 5L GR X-70	200
P4	PIPE,42.00 OD X 0.865 IN WT, DSAW,API 5L GR X-70	40
C1	PIPE COATING TYPE 1	12880
C2	PIPE COATING TYPE 2	80
C3	PIPE COATING TYPE 3	40
SA	SCREW ANCHORS	14

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–3	TYPICAL OPEN CUT ROAD CROSSING
300Z–6	TYPICAL BORED ROAD CROSSING
300Z–60	TYPICAL CANAL 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.