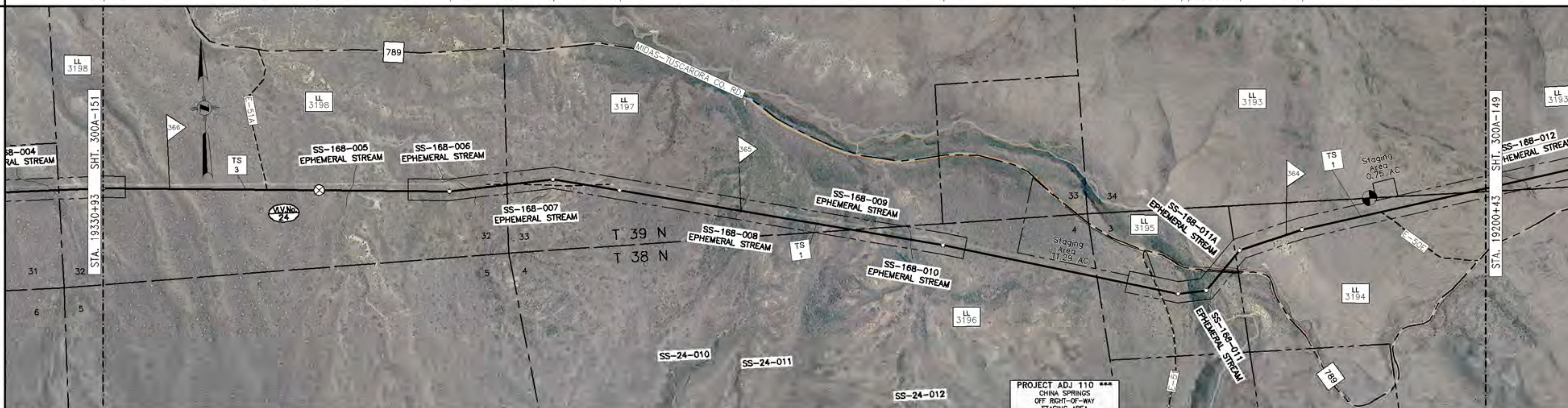
LAND

LINE LIST												
LAND PLAT NUMBER		3198		3197		3196		3195		3194		3193
PIPELINE STATION	19330+93		19293+76		19261+60		19238+73		19224+31		19202+21		19200+43
HORIZONTAL DISTANCE		3717 FT		3216 FT		1933 FT		1443 FT		2212 FT		178 FT

PIPELINE STATIONING

- 19330+93 MATCHLINE
- 19330+90 P.I. < 2°41'29" LT.
- 19328+88 END 115'W/BGN 195'W TEMP WORK SPACE
- 19324+80 MILEPOST 366
- 19317+78 TEST LEAD TYPE 3
- 19315+81 ACCESS ROAD E-51A
- 19311+06 MLV 24
- 19308+23 DRAINAGE
- 19302+91 END 195'W/BGN 115'W TEMP WORK SPACE
- 19299+08 P.I. < 7°06'42" RT.
- 19297+15 DRAINAGE
- 19293+75 SECTION LINE
- 19293+00 DIRT ROAD
- 19289+52 P.I. < 15°56'41" LT.
- 19286+29 DIRT ROAD
- 19283+32 P.I. < 0°17'55" LT.
- 19272+00 MILEPOST 365
- 19271+93 DRAINAGE
- 19264+98 TEST LEAD TYPE 1
- 19261+60 TOWNSHIP LINE
- 19256+13 DRAINAGE
- 19253+18 P.I. < 2°03'57" LT.
- 19251+15 END 115'W/BGN 195'W TEMP WORK SPACE
- 19238+73 SECTION LINE
- 19236+00 HYDROSTATIC TEST MANIFOLD
- 19235+94 END 195'W/BGN 115'W TEMP WORK SPACE
- 19233+02 ACCESS ROAD E-51
- 19231+13 P.I. < 18°14'01" RT.
- 19228+52 P.I. < 43°39'43" RT.
- 19227+67 CHINA CREEK
- 19226+36 TOE OF BANK
- 19226+19 MIDAS-TUSCARORA CO. RD.
- 19225+99 TOE OF BANK
- 19225+70 DRAINAGE
- 19224+30 PROPERTY LINE
- 19188+05 STA. BACK 19188+05 STA. AHEAD 19223+72
- 19223+75 P.I. < 31°48'16" LT.
- 19219+25 MILEPOST 364
- 19217+74 P.I. < 5°45'29" LT.
- 19212+18 TEST LEAD TYPE 1
- 19210+46 STAGING AREA
- 19210+28 ACCESS ROAD E-50E
- 19208+46 STAGING AREA
- 19202+21 PROPERTY LINE & TOWNSHIP LINE
- 19200+43 MATCHLINE

ALIGNMENT STRIP MAP



PROFILE

MATERIAL

PIPE CODE (SEE TABLE)	Length	Note	Stations
P1	1472'		19330+93 – 19316+21
P3	80'	ACCESS RD E-51A SEE DWG 300Z-11	19316+21 – 19315+41
P1	324'		19315+41 – 19312+17
P2	80'		19312+17 – 19311+37
SF	63'	MLV 24 SEE DWG 300A-150A (19311+06)	19311+37 – 19310+74
P2	80'		19310+74 – 19309+94
P1	554'		19309+94 – 19304+40
P2	1100'		19304+40 – 19293+40
P3	80'		19293+40 – 19292+60
P2	591'		19292+60 – 19286+69
P3	80'		19286+69 – 19285+89
P2	5250'		19285+89 – 19233+39
P3	80'	ACCESS RD E-51 SEE DWG 300Z-11	19233+39 – 19232+59
P2	580'		19232+59 – 19226+79
P44	120'	MIDAS-TUSCARORA CO. ROAD	19226+79 – 19225+59
P2	1491'		19225+59 – 19210+68
P3	80'	ACCESS RD E-50E SEE DWG 300Z-11	19210+68 – 19209+88
P2	945'		19209+88 – 19200+43

PIPESAKS: V24

COATING CODE (SEE TABLE)	Length
C1	1956'
C5	63'
C1	7862' (to 19231+12)
C2	1338' (to 19217+74)
C1	1731'

DESIGN FACTOR: .80 | .60 | .80 | .72 | .50 | .72 | .80 | .72 | .60 | .72 | .60 | .72 | .60 | .72 | .50 | .72 | .60 | .72

CLASS LOCATION: CLASS 1

DESIGN PRESSURE: 1440

OWNERSHIP

LL NO.	OWNERSHIP	LL NO.	OWNERSHIP
3193	BLM		
3194	BLM		
3195	DEAN A & SHARON I RHOADS LIVING TRUST		
3196	BLM		
3197	BLM		
3198	BLM		

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P1	PIPE,42.00 OD X 0.541 IN WT, DSAW,API 5L GR X-70	2350
P2	PIPE,42.00 OD X 0.600 IN WT, DSAW,API 5L GR X-70	10117
P3	PIPE,42.00 OD X 0.721 IN WT, DSAW,API 5L GR X-70	400
P44	PIPE,42.00 OD X 0.865 IN WT, LSAW,API 5L GR X-70	120
SF	SHOP FAB	63
V24	MAIN LINE VALVE 24	1
C1	PIPE COATING TYPE 1	11649
C2	PIPE COATING TYPE 2	1338
C5	PIPE COATING TYPE 5	63

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-11	TYPICAL OPEN CUT ROAD CROSSING
300Z-12	TYPICAL BORED ROAD CROSSING
300A-150A	PLAN/DETAILS – MLV-24

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.

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.

*** FUTURE VARIANCE CURRENTLY NOT INCLUDED; SURVEYS FOR THIS WORKSPACE ARE PENDING.

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 11, US FOOT

REVISIONS

NO.	DATE	BY	DESCRIPTION	PROJ. ID	APPR.
C	3/10/10	LEL	IMPLEMENTATION FILING	122659	JJJ/LC
B	7/10/09	LEL	ISSUE FOR FERC FILING	122659	JJJ
A	1/26/09	DLM	ISSUE FOR FERC FILING	122659	JJJ

RUBY PIPELINE LLC

ALIGNMENT SHEET
RUBY PIPELINE
300A–42"

STA. 19200+43 TO STA. 19330+93

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: NEVADA		Co./Par.: ELKO CO	
Section: –	Township: 38N/39N	Range: 49E	
Drafter: DLM	Date: 01/23/09	Project ID:	Type: CIVIL 3D
Chk'd: G	Date: 01/23/09	Scale:	
Appr: JJJ	Date: 01/23/09	Filename: 0300-A-136.DWG	
300A–150		Sheet: 151of277	Rev. C

IMPLEMENTATION PLAN 05/24/2010

Jun 14, 2010 – 10:49AM