



GENERAL NOTES

- 1) ALL CHAINAGES ARE IN FEET UNLESS OTHERWISE SPECIFIED.
- 2) DATUM ELEVATION AND PROJECTION ARE BASED ON MEAN SEA LEVEL AND NAD 83.
- 3) FIELD PIPE LOCATING REQUIRED TO DETERMINE PLACEMENT OF PIPELINE WITHIN PERMANENT EASEMENT.
- 4) UNLESS OTHERWISE NOTED, 48 INCHES MINIMUM COVER EXCEPT 36 INCHES IN AREAS OF CONSOLIDATED ROCK.
- 5) NO ACTUAL AS-BUILT GROUND SHOTS WERE TAKEN AT THIS LOCATION. THE PROFILE REPRESENTS A PROJECTION FROM SHOTS TAKEN AT 150' TO 250' INTERVALS.
- 6) THE TYPE OF COATING APPLIED TO THE FIELD WELDS DURING THE ORIGINAL CONSTRUCTION WAS TWO COMPONENT LIQUID EPOXY. THE COATING PRODUCTS USED WERE DENS0 7200 OR SPC SP-2888.
- 7) THE SUBSTANTIAL CONSTRUCTION COMPLETION DATE, BASED ON CALIPER PIG RUN, WAS SEPTEMBER 23, 2009 FOR M.P. 114.00 TO M.P. 130.00, AUGUST 05, 2009 FOR M.P. 129.90 TO M.P. 168.72 AND AUGUST 07, 2009 M.P. 168.73 TO M.P. 165.68.
- 8) ORIGINAL IN-SERVICE DATE OF THE KEYSTONE PIPELINE (PHASE 1): JUNE 30, 2010.
- 9) CPS CALCULATION DATE: MAY 2010.
- 10) ORION STATION SERIES NUMBER: 1182700.
- 11) TO DETERMINE THE MILE POST AT A GIVEN LOCATION, ADD THE 3D STATION NUMBER FROM THIS SEGMENT TO STATION NUMBER 6528+26 AND DIVIDE BY 5280.



OPERATING AND TEST PRESSURE

1. THE MAXIMUM OPERATING PRESSURE (MOP) IS 1440 PSIG.
2. THE MINIMUM TEST PRESSURE WAS 1601 PSIG.

BILL OF MATERIALS (3D)

ITEM NO.	DESCRIPTION	QUANTITY
1	30" O.D. X 0.438" W.T. API-SLX-70 WFBE COATING	6'
2	30" O.D. X 0.386" W.T. API-SLX-70 WFBE COATING	12,602'
3	30" O.D. X 0.516" W.T. API-SLX-70 WFBE COATING & ABRASION RESISTANT OVERCOAT	401'
	PIPELINE MARKERS	0 EA
	PIPELINE WARNING SIGNS	3 EA
	CATHODIC TEST STATION	1 EA
	AERIAL MARKER	1 EA

REFERENCE DRAWINGS

REF. NO.	DRAWING NO.	REV. NO.	DRAWING TITLE

REVISIONS

NO.	DATE	REV. BY	CHKD. BY	APPRD. BY	DESCRIPTION
1	5/17/08	UEI	RDG	LAG	ISSUED FOR CONSTRUCTION
2	10/17/09	UEI			ISSUED FOR AS-BUILT 1830-03-ML-02-007 REPLACES COVERAGE OF IFC DRAWINGS 1830-03-ML-02-010, 1830-03-ML-02-011, 1830-03-ML-02-012

PIPELINE SCHEMATIC

STATION	DESCRIPTION
780+00	MATCHLINE 780+00
780+42	FENCE (BARBED WIRE)
781+95	FENCE (BARBED WIRE)
784+33	FENCE (BARBED WIRE)
789+21	FENCE (BARBED WIRE)
791+55	FENCE (BARBED WIRE)
799+27	4.9' CVR.
802+04	5.5' CVR.
806+45	5.5' CVR.
810+94	M.P. 139
813+63	5.2' CVR.
817+55	5.5' CVR.
820+21	P.I. 08706137 LT.
823+06	5.0' CVR.
823+77	P.I. 04116107 LT.
823+97	823+97 P.I. 03734097 RT.
824+25	EDGE OF ROAD SE
824+37	EDGE OF ROAD SE
824+96	P.I. 03726344 LT.
825+71	P.I. 03752211 RT.
825+75	
833+50	
833+55	5.6' CVR.
833+56	5.6' CVR.
833+58	5.6' CVR.
833+60	5.6' CVR.
833+62	5.6' CVR.
833+64	5.6' CVR.
833+66	5.6' CVR.
833+68	5.6' CVR.
833+70	5.6' CVR.
833+72	5.6' CVR.
833+74	5.6' CVR.
833+76	5.6' CVR.
833+78	5.6' CVR.
833+80	5.6' CVR.
833+82	5.6' CVR.
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