

RIGHT-OF-WAY HORIZONTAL REPRESENTATION (2D)

TRACT NUMBER
OWNERSHIP/AGENCY

LENGTH
APPLICABLE DWG. NO.

LAND USE

PIPELINE PROFILE

HORIZ. 1"=500' VER. 1"=100'
HORIZONTAL REPRESENTATION (2D)

LEGEND

- KEYSTONE PIPELINE
- STATE BOUNDARY
- COUNTY/TOWNSHIP
- SECTIONS
- NATIONAL OR STATE RESERVATION BOUNDARY
- PROPERTY LINE
- FENCE
- EXCLUSIONARY FENCE
- POWER LINE
- TELEPHONE LINE
- BURIED CABLE
- WATER LINE
- SANITARY SEWER LINE
- SD STORM SEWER / DRAIN
- FOREIGN PIPELINE
- RAILROAD
- HIGHWAY / ROAD
- STREAM / DITCH
- WETLAND
- INTERSTATE ROUTE
- U.S. ROUTE
- STATE ROUTE
- POINT OF INTERSECTION (PI)
- PIPELINE MILEPOST
- DIRECTION OF FLOW
- HOUSE
- BUILDING
- WATER WELL
- MAINLINE VALVE
- TRACT NUMBER

PIPELINE PLAN (SCALE 1" = 500') HORIZONTAL REPRESENTATION (2D)

FOR CONTINUATION SEE DWG.
1835-03-ML-02-016
2080+00

MATCHLINE

274TH STREET

R-56-W
R-57-W

MP 398
LAT. - 43.418188
LONG. -97.529354

W_FUTM14_SD_099

W_UTM14_AERIAL_15965

ML-SD-HU-0901.0000

WSC6SDHU301

ML-SD-HU-0902.0000

MP 399
LAT. - 43.403917
LONG. -97.525972

W_UTM14_AERIAL_15967

STATE HIGHWAY 44

KEystone MAINLINE (NPS 30 2009)

FLOW

ML-SD-HU-0903.0000

S_UTM14_SD_100

NWI_496117

NWI_496649

S_UTM14_17644

ML-SD-HU-0905.0001

MP 400
LAT. - 43.389496
LONG. -97.525209

W_UTM14_0893

ML-SD-HU-0904.0000

270TH STREET

ML-SD-HU-0905.0000

DISCLAIMER

UNIVERSAL PEGASUS MAKES NO WARRANTY (EXPRESS, IMPLIED OR OTHERWISE) THAT THE INFORMATION CONTAINED HEREIN IS ACCURATE OR COMPLETE AS TO ANY AND ALL SUBSURFACE CONDITIONS AND CONFORMATION. ANY RELIANCE CONTRACTOR PLACES ON THE INFORMATION CONTAINED HEREIN AS TO SUCH CONDITIONS IS DONE SO AT ITS OWN RISK AND EXPENSE. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE STATE "ONE CALL" SYSTEM PRIOR TO ANY EXCAVATION.

GENERAL NOTES

- ALL CHAINAGES ARE IN FEET UNLESS OTHERWISE SPECIFIED.
- DATUM ELEVATION AND PROJECTION ARE BASED ON MEAN SEA LEVEL AND NAD 83.
- FIELD PIPE LOCATING REQUIRED TO DETERMINE PLACEMENT OF PIPELINE WITHIN PERMANENT EASEMENT.
- UNLESS OTHERWISE NOTED, 48 INCHES MINIMUM COVER EXCEPT 36 INCHES IN AREAS OF CONSOLIDATED ROCK.
- NO ACTUAL AS-BUILT GROUND SHOTS WERE TAKEN AT THIS LOCATION. THE PROFILE REPRESENTS A PROJECTION FROM SHOTS TAKEN AT 150' TO 250' INTERVALS.
- THE TYPE OF COATING APPLIED TO THE FIELD WELDS DURING THE ORIGINAL CONSTRUCTION WAS TWO COMPONENT LIQUID EPOXY. THE COATING PRODUCTS USED WERE DENSO 7200 OR SPC SP-2888.
- THE SUBSTANTIAL CONSTRUCTION COMPLETION DATE, BASED ON CALIPER PIG RUN, WAS OCTOBER 31, 2009 FOR M.P. 343.98 TO 377.31, NOVEMBER 01, 2009 FOR M.P. 377.29 TO 403.97 AND AUGUST 17, 2009 FOR M.P. 403.90 TO 422.96.
- ORIGINAL IN-SERVICE DATE OF THE KEYSTONE PIPELINE (PHASE I); JUNE 30, 2010.
- CPS CALCULATION DATE: MAY 2010.
- ORION STATION SERIES NUMBER: 1182700.
- TO DETERMINE THE MILE POST AT A GIVEN LOCATION, ADD THE SD STATION NUMBER FROM THIS SEGMENT TO STATION NUMBER 18931+49 AND DIVIDE BY 5280.

OPERATING AND TEST PRESSURE

1. THE MAXIMUM OPERATING PRESSURE (MOP) IS 1440 PSIG.
2. THE MINIMUM TEST PRESSURE WAS 1803 PSIG.

BILL OF MATERIALS (3D)

ITEM NO.	DESCRIPTION	QUANTITY
2	30" O.D. X 0.386" W.T., API-5LX-70 W/FBE COATING	12,577'
7	30" O.D. X 0.516" W.T., API-5LX-70 W/FBE COATING	428'

REFERENCE DRAWINGS

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

REVISIONS

NO.	DATE	REV.	CHK'D	APP'D	ENV.	BY	BY	BY	DESCRIPTION
1	5/12/08	UEI	RDC	LAC	SEC				ISSUED FOR CONSTRUCTION
2	10/17/10	UEI							ISSUED FOR AS-BUILT

ENGINEERING RECORDS

DRAWN BY	INITIAL	DATE	ENV. APPRD.	INITIAL	DATE
LOYS ALVIN GRAY, III	SD	CEB004			

PROFESSIONAL ENGINEER

NAME	STATE	LIC#	REV#	DATE
LOYS ALVIN GRAY, III	SD	CEB004		

SCALE: 0 125 250 500 Feet

TransCanada
In business to deliver

KEYSTONE MAINLINE (NPS 30 2009) ROSWELL SECTION

1835-03-ML-02-017

AS-BUILT ALIGNMENT

M.P. 397.98 TO M.P. 400.44
SHEET 17 OF 20 SHEETS

STA. 2081+87 TO STA. 2211+92

DRAWING NO. 1835-03-ML-02-017

(3D)
REV