



| ITEM NO. | DESCRIPTION | QUANTITY |
|----------|---|----------|
| 2 | 30" O.D. X 0.386" W.T. API 5L-X70 W/FBE COATING | 11,221' |
| 3 | 30" O.D. X 0.516" W.T. API 5L-X70 W/FBE COATING & ABRASION RESISTANT OVERCOAT | 454' |
| 404 | EDINBURG PUMP STATION ASSEMBLY (+209') | 1 EA |

| REF. NO. | DRAWING NO. | REV. NO. | DRAWING TITLE |
|----------|-------------------|----------|---|
| 404 | 1825-01-ML-03-104 | 06 | EDINBURG PUMP STATION |
| | 1828-01-ML-03-105 | 00 | EDINBURG PUMP STATION |
| | 1828-01-ML-03-106 | 00 | EDINBURG PUMP STATION |
| O.C. | 1827-03-ML-03-116 | 03 | UNNAMED CREEK & MIDDLE BRANCH PARK RIVER OPEN CUT |

| NO. | DATE | REV. BY | CHKD. BY | APPRD. BY | APPD. DATE | DESCRIPTION |
|-----|---------|---------|----------|-----------|------------|-----------------------------------|
| 1 | 5/7/08 | UEI | RDG | LAC | SEC | ISSUE FOR CONSTRUCTION |
| 2 | 9/11/11 | UEI | | | | ISSUED FOR AS-BUILT |
| | | | | | | REPLACES COVERAGE OF IFC DRAWINGS |
| | | | | | | 1827-03-ML-02-014 |
| | | | | | | 1827-03-ML-02-022 |
| | | | | | | 1827-03-ML-02-023 |

| DRAWN BY | INITIAL | DATE | ENY. APPRD. | INITIAL | DATE |
|----------|---------|----------|-------------|---------|------|
| UEI | | 09/12/21 | | | |

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 DENSLO 7200 OR SPC SP-2888.
- THE SUBSTANTIAL CONSTRUCTION COMPLETION DATE, BASED ON CALIPER PIG RUN, WAS AUGUST 11, 2009 FOR M.P. 0.30 TO M.P. 31.03 AND AUGUST 12, 2009 FOR M.P. 31.03 TO M.P. 66.93.
- ORIGINAL IN-SERVICE DATE OF THE KEYSTONE PIPELINE (PHASE 1): JUNE 30, 2010.
- CPS CALCULATION DATE: MAY 2010.
- ORION STATION SERIES NUMBER: 1162700.
- TO DETERMINE THE MILE POST AT A GIVEN LOCATION, ADD THE 3D STATION NUMBER FROM THIS SEGMENT TO STATION NUMBER 0+00 AND DIVIDE BY 5280.

OPERATING AND TEST PRESSURE

- THE MAXIMUM OPERATING PRESSURE (MOP) IS 1440 PSIG.
- THE MINIMUM TEST PRESSURE WAS 1600 PSIG.

BILL OF MATERIALS (3D)

REFERENCE DRAWINGS

REVISIONS

ENGINEERING RECORDS

PROFESSIONAL ENGINEER

NAME: LOYS A. GRAY, III STATE: ND LIC#: PE5714 REV#: DATE:

SCALE: 0 125 250 500 Feet

AS-BUILT ALIGNMENT

M.P. 32.05 TO M.P. 34.29
SHEET 14 OF 14 SHEETS
STA. 1692+04 TO STA. 1810+69 (3D)
DRAWING NO. 1827-03-ML-02-014 REV. 2

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