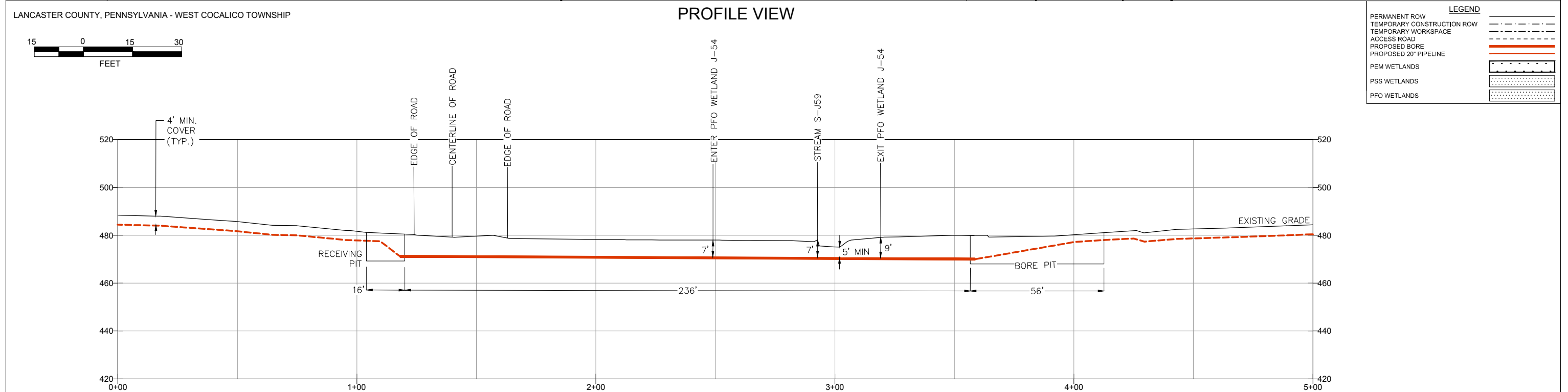


PLAN VIEW

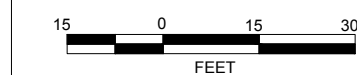


PROFILE VIEW

**LEGEND**

PERMANENT ROW	---
TEMPORARY CONSTRUCTION ROW	- - - -
TEMPORARY WORKSPACE	----
ACCESS ROAD	----
PROPOSED BORE	----
PROPOSED 20" PIPELINE	----
PEM WETLANDS	[Pattern]
PSS WETLANDS	[Pattern]
PFO WETLANDS	[Pattern]

LANCASTER COUNTY, PENNSYLVANIA - WEST COCALICO TOWNSHIP



- CONSTRUCTION NOTES**
- 20" WELDED STEEL PIPE: 20" OD x 0.456" WT, X-65, API-5L, PSL2, ERW, BFW, DRL
  - 16" WELDED STEEL PIPE: 16" OD x 0.438 WT, X-70, API 5L, PSL2, ERW, BFW
  - COATING: 14 TO 16 MILS OF 3M SCOTCHKOTE TM 6233 FBE WITH 40 MILS MIN. DFT POWERCRETE R95
  - DESIGN FACTOR: 0.50 (HOOP STRESS)
  - DESIGN PRESSURE: 1480 PSIG  
TEST PRESSURE: 1850 PSIG

- THE COATING ON THE CARRIER PIPE SHALL BE INSPECTED IMMEDIATELY PRIOR TO ITS INSTALLATION AND ALL DAMAGED COATING SHALL BE REPAIRED IN ACCORDANCE WITH SUNOCO'S PIPELINE COATING SPECIFICATIONS.
- INSTALL CATHODIC PROTECTION TEST LEADS AS SPECIFIED ON THE ALIGNMENT SHEETS OR SUNOCO CORROSION TECHNICIAN.
- WELDED JOINTS INSIDE R.O.W. SHALL BE 100% X-RAYED.
- CONTRACTOR WILL MAINTAIN A MINIMUM 4' OF COVER TO THE TOP OF PIPE USING FIELD BENDS.
- CONTRACTOR WILL MAINTAIN A MINIMUM 24" OF COVER FROM ALL EXISTING UTILITIES.
- IN ADDITION TO THE SITE-SPECIFIC INFORMATION PROVIDED IN THIS DRAWING, GENERAL REQUIREMENTS INCLUDED IN ALIGNMENT SHEETS, PERMITS AND APPROVAL FROM FEDERAL, STATE AND LOCAL AGENCIES ALSO APPLY.

- NOTES**
- ALL COORDINATES SHOWN ARE IN LATITUDE AND LONGITUDE. ALL MSL ELEVATIONS ARE NAD83
  - STATIONING IS BASED ON HORIZONTAL DISTANCES.
  - ROONEY ENGINEERING, INC. AND SUNOCO PIPELINE, LP ARE NOT RESPONSIBLE FOR LOCATION OF FOREIGN UTILITIES SHOWN IN PLOT PLAN OR PROFILE. THE INFORMATION SHOWN HEREON IS FURNISHED WITHOUT LIABILITY ON THE PART OF ROONEY ENGINEERING, INC. AND SUNOCO PIPELINE, LP, FOR ANY DAMAGES RESULTING FROM ERRORS OR OMISSIONS THEREIN.
  - CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES. CONTACT ONE CALL AT 811 PRIOR TO DIGGING.
  - SUNOCO EMERGENCY HOTLINE NUMBER IS #1-800-786-7440.

REVISIONS		BY	DATE	CHK	DATE	APP	DATE
0	ISSUED FOR CONSTRUCTION	AMV	10/18/16	AMC	10/18/16	JAL	10/18/16
NO.	DESCRIPTION						

**Sunoco Logistics Partners L.P.**

**TETRA TECH ROONEY**  
(303) 792-5911

**SUNOCO PIPELINE, L.P.**

AUGER BORE WETLAND-J54 PENNSYLVANIA PIPELINE PROJECT

SCALE: 1"=15' DWG. NUMBER: PA-LA-0004.0003-AR