

*Atlantic Sunrise Project – PA DEP Chapter 105 Joint Permit Application
Transcontinental Gas Pipe Line Company, LLC
Lebanon County*

ATTACHMENT H-3
HDD AND CONVENTIONAL BORE CONTINGENCIES
CHAPTER 105 IMPACT MAPPING
(UNDER SEPARATE COVER)

Revised April 2017

ATTACHMENT H-3
CONTINGENCY PLAN SET
LEBANON COUNTY



Transcontinental Gas Pipe Line Company LLC
ATLANTIC SUNRISE PROJECT
PROPOSED 42" CENTRAL PENN LINE SOUTH
CONTINGENCY PLAN IMPACT MAPS

M.P. 36.51 TO M.P. 64.25

LEBANON COUNTY, PENNSYLVANIA

DRAWING NUMBER	DESCRIPTION	SHEET	REVISION
24-1600-70-09A-A/41.28-01	WW-T13-4004	1 OF 1	0

24-1600-70-09A-A-01_Lebanon-PKG
Issued for PADEP Submittal #3
Rev. 0
04-12-2017

ISSUED DATE: APRIL 12, 2017




Transcontinental Gas Pipe Line Company LLC
ATLANTIC SUNRISE PROJECT
PROPOSED 42" CENTRAL PENN LINE SOUTH
CONTINGENCY PLAN IMPACT MAPS

M.P. 36.51 TO M.P. 64.25
LEBANON COUNTY, PENNSYLVANIA

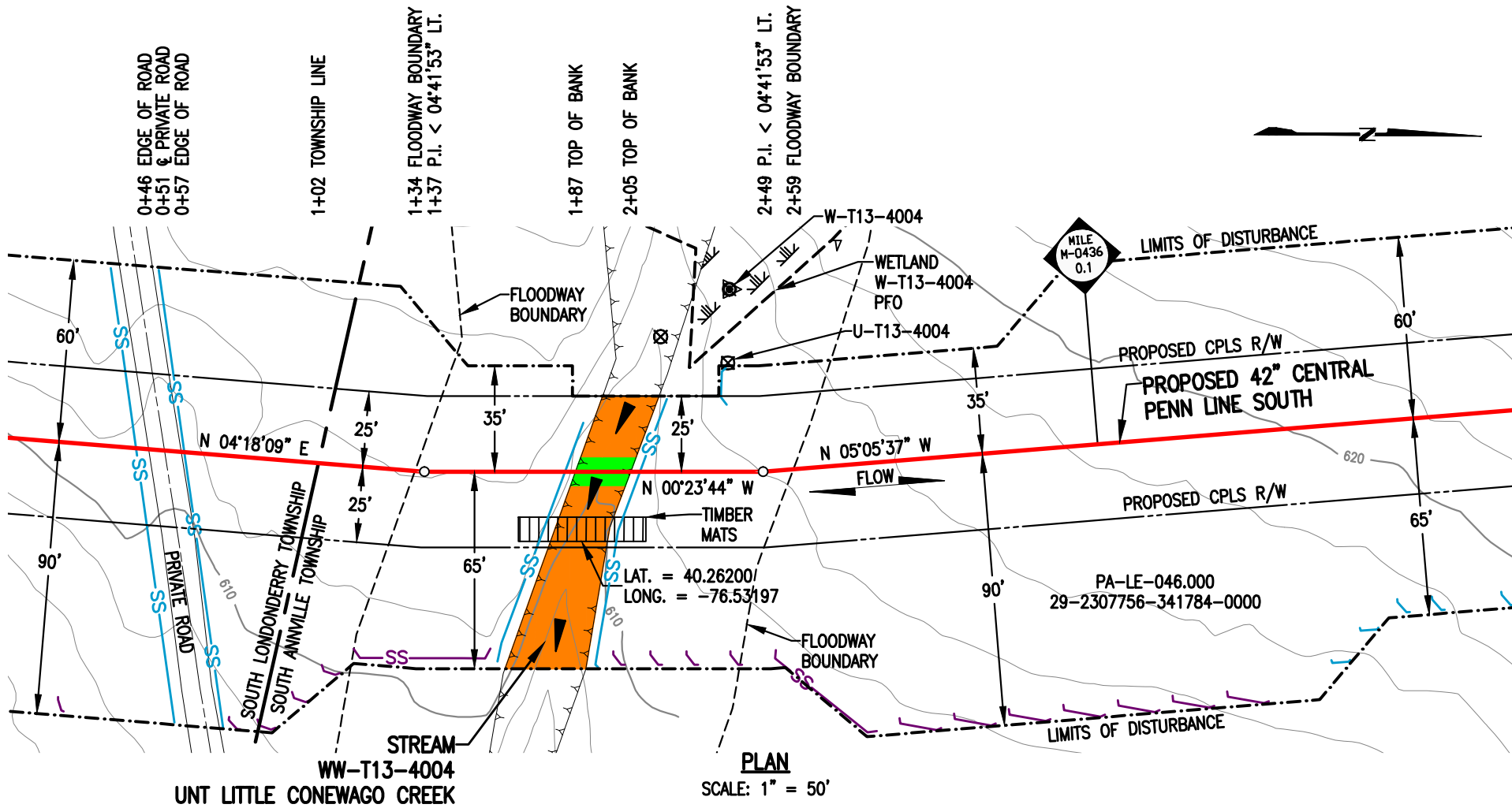
DRAWING NUMBER	DESCRIPTION	SHEET	REVISION
24-1600-70-09A-A/41.28-01	WW-T13-4004	1 OF 1	0

WOOD GROUP MUSTANG INC.
17325 PARK ROW
HOUSTON TX, 77084
(832) 809-8000



MAW JAW HWANG
PA. PE NO. PE077841

ISSUED FOR PADEP SUBMITTAL #3
ISSUED DATE: APRIL 12, 2017



STREAM DISTURBANCE:

STREAM WW-T13-4004	ACRE
TEMPORARY STREAM DISTURBANCE	0.0378
PERMANENT STREAM DISTURBANCE	0.0042
TOTAL STREAM DISTURBANCE	0.0420
TEMPORARY FLOODWAY DISTURBANCE	0.2106
PERMANENT FLOODWAY DISTURBANCE	0.0245
TOTAL FLOODWAY DISTURBANCE	0.2351

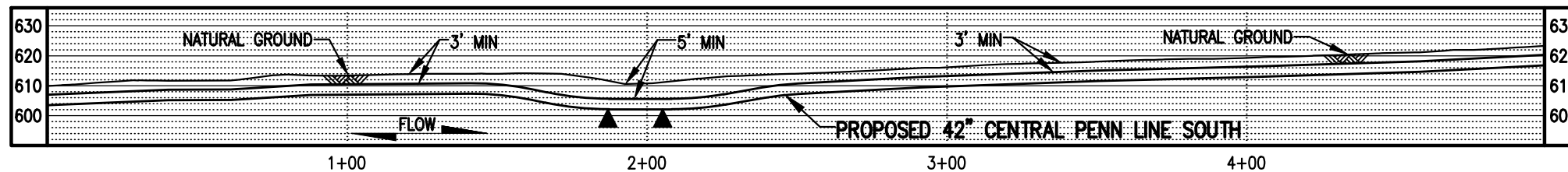
STREAM DIMENSION	FT.
STREAM WIDTH (TOB TO TOB)	18.20
STREAM LENGTH	97.80

GENERAL NOTES:

1. STREAM CROSSING METHOD SHALL BE DAM AND PUMP (DPX). EQUIPMENT TO CROSS STREAM UTILIZING A BRIDGE EQUIPMENT CROSSING (BEC).
2. WATERBODIES WITHOUT A FEMA-ESTABLISHED FLOODPLAIN, THE FLOODWAY IS COINCIDENT WITH A 50-FOOT OFFSET MEASURED LATERALLY FROM THE PHYSICAL TOP OF BANK OF THE WATERBODY.
3. STATION 1+00 SHOWN IS EQUAL TO M-0436 STATION 2+68 ON THE EROSION AND SEDIMENT CONTROL PLAN.

SURVEY NOTES:

1. T.B.M. SURVEY CONTROL POINT - 360' RT. OF M-0436 M.P. 0.02, ELEV. = 589.96' (NAVD88).



PROFILE
SCALE: 1" = 50' HORIZONTAL
1" = 50' VERTICAL



LEGEND

	PROPOSED 42" CENTRAL PENN LINE SOUTH		WETLAND FLAGS		WOOD GROUP MUSTANG, INC.
	EXISTING PIPELINES		PHOTO DATA POINT		WETLAND DATA POINT
	EXISTING TGPL R/W		WETLAND DATA POINT		UPLAND DATA POINT
	LIMITS OF DISTURBANCE		WELL POINT		TRENCH PLUG
	PROPOSED CPLS R/W		WATERBODY		TREE LINE
	PROPERTY LINE		FLOODWAY BOUNDARY		FEMA FLOODWAY BOUNDARY
	FOREIGN PIPELINE		12" SEDIMENT BARRIER		PERMANENT STREAM IMPACT
	WETLAND AREA		18" SEDIMENT BARRIER		TEMPORARY STREAM IMPACT
	STREAM FLOW		24" SEDIMENT BARRIER		
	EXISTING POWER LINE		32" SEDIMENT BARRIER		
	EXISTING FENCE		TOP OF BANK		

DRAWING NO.		REFERENCE TITLE				
24-1600-70-09-A/41.28-01		WATER OBSTRUCTION AND ENCROACHMENT PERMIT IMPACT MAPS				
NO.	DATE	BY	REVISION DESCRIPTION	W.O. NO.	CHK.	APP.
0	04/12/17	THL	ISSUED FOR PADEP SUBMITTAL #3	1161503	CLR	MJH

TRANSCONTINENTAL GAS PIPE LINE COMPANY LLC
CONTINGENCY PLAN IMPACT MAPS
ATLANTIC SUNRISE PROJECT
PROPOSED 42" CENTRAL PENN LINE SOUTH
STREAM CROSSING WW-T13-4004
● M-0436 M.P. 0.07
SOUTH ANNVILLE TOWNSHIP, LEBANON COUNTY, PENNSYLVANIA

DRAWN BY: THL	DATE: 03/31/17	ISSUED FOR BID:	SCALE: 1" = 50'
CHECKED BY: AT	DATE: 03/31/17	ISSUED FOR CONSTRUCTION:	REVISION: 0
APPROVED BY: MJH	DATE: 03/31/17	DRAWING NUMBER: 24-1600-70-09A-A/41.28-01	SHEET 1
IWO: 1161503	4/20/2017	F1huert	OF 1