

**Mountain Valley Pipeline, LLC
Mountain Valley Pipeline Project
Docket No. CP16-10-000**

**Implementation Plan
December 2017 Supplement**

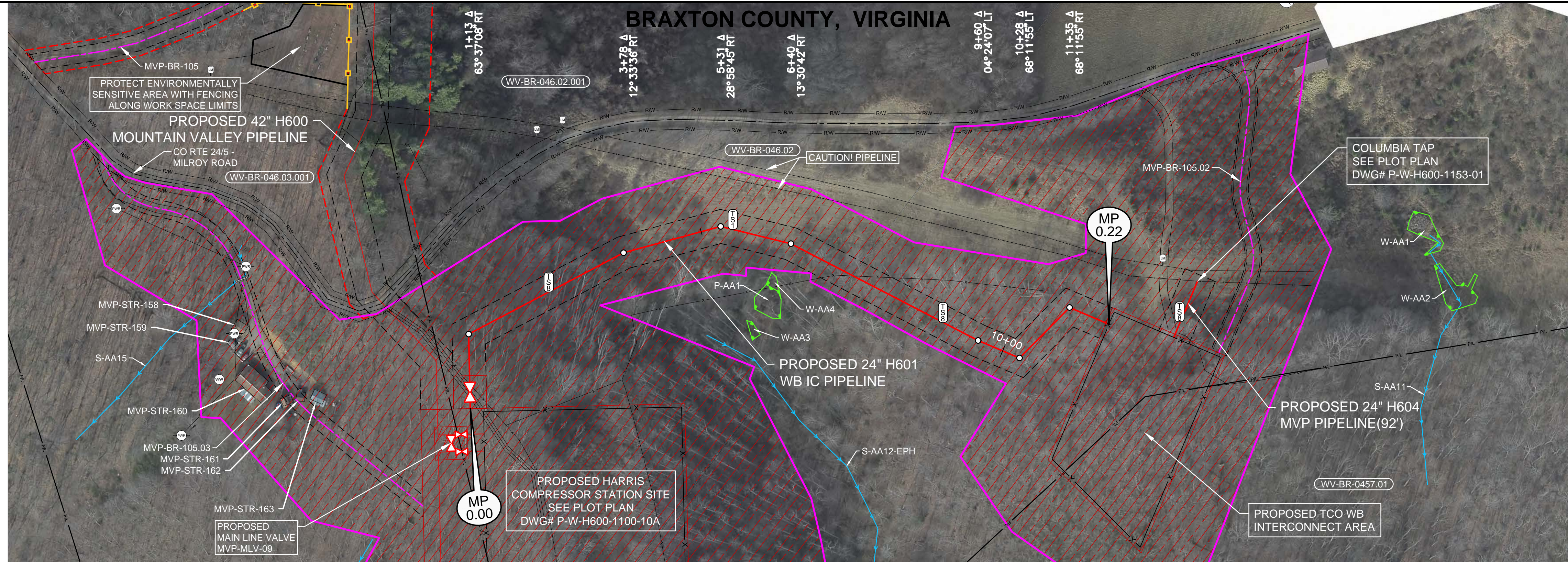
**Attachment IP-4a
Pipeline Alignment Sheets
04 Braxton County, WV - Lateral**

RIGHT-OF-WAY & OWNERSHIP DATA					
DESIGN	PIPE / COATING				
	SLOPE DISTANCE			1	
	CLASS LOCATION / HCA			1	
ENVIRONMENTAL	CONSTRUCTION EXCLUSION				TIME OF YEAR RESTRICTION: NO CLEARING JUNE 1 - JULY 31 SEE TREE CLEARING PLAN FOR FURTHER DETAILS
	WETLAND / STREAM				

PLAN VIEW

LEGEND

- STUDY CORRIDOR
- PROPOSED 42" PIPELINE
- NON-SURVEYED CL
- 500' TICK MARK
- EXISTING PIPELINE
- PERMANENT EASEMENT
- WORK SPACE LIMITS
- PERMANENT ACCESS RD
- TEMPORARY ACCESS RD
- ANCILLARY SITE
- COUNTY LINE
- PROPERTY LINE
- ROAD RIGHT-OF-WAY
- FENCE LINE
- OVERHEAD POWER
- OVERHEAD TELEPHONE
- CL ROAD
- CL RAILROAD
- DELINEATED STREAM
- DELINEATED WETLAND
- BARRICADE FENCE
- PROPOSED TEST STATION
- MAILBOX
- LINE MARKER - VENT PIPE
- POWER/TELE POLE
- SIGN
- TOWER LEG
- TREE
- GUY ANCHOR
- TANK
- GAS VALVE
- WELL - GAS/OIL/WATER
- MONITORING
- POST - GATE/FENCE
- ELEC/GAS/WTR METER
- PEDESTAL - UTILITY
- MH - SANITARY/WATER
- CATCH BASIN - CULVERT
- ADDITIONAL TEMPORARY WORK SPACE(TWS)
- ABOVE GROUND FACILITY
- LIMITS OF DISTURBANCE



REFERENCE DRAWINGS

DRAWING NO.	DESCRIPTION
P-W-H601-H601-01	ALIGNMENT SHEET
P-W-H600-1204-01	CATHODIC PROTECTION STANDARD DRAWING
P-W-H600-1204-02	CATHODIC PROTECTION STANDARD DRAWING
P-W-H600-1100-10A	MAIN LINE VALVE 09 & HARRIS C.S. PLOT PLAN
P-W-H600-1153-01	COLUMBIA INTERCONNECT PLOT PLAN

HORIZONTAL STATIONING

0+00	0+25	0+37	2+50	5+00	7+47	9+00	12+00	0+92
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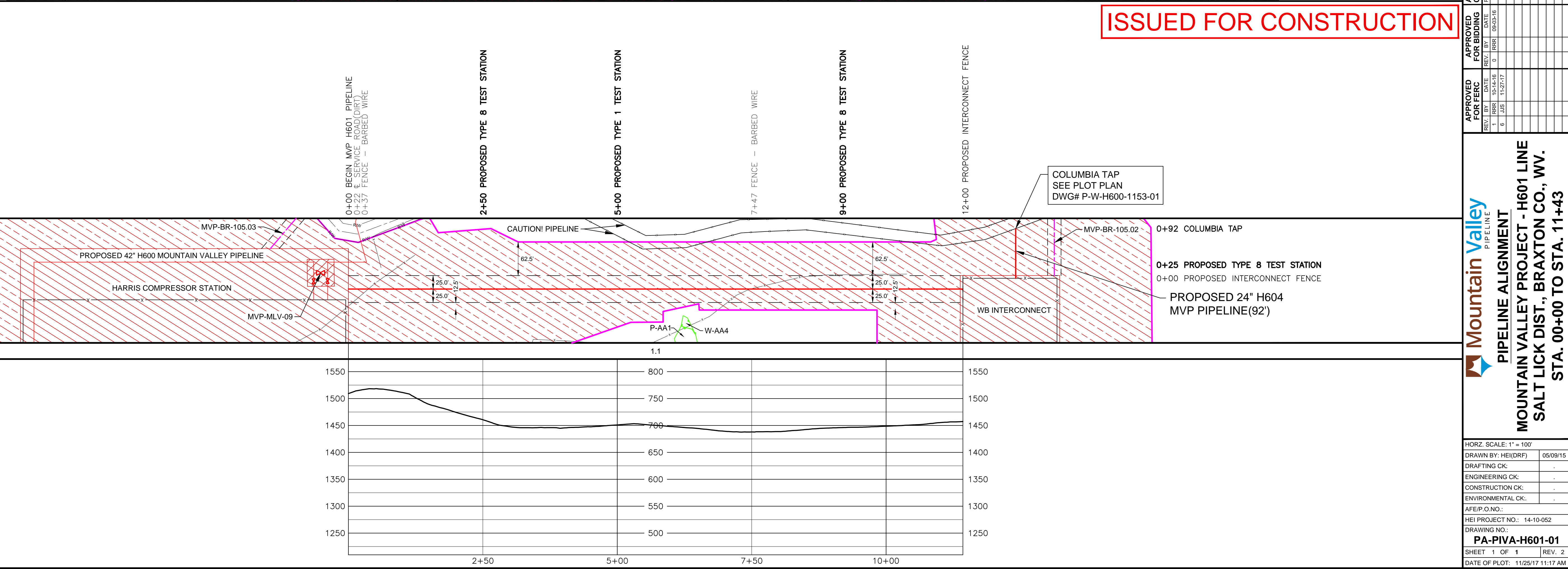
WORK SPACE

PROPOSED PIPELINE	EXISTING PIPELINE	ACCESS ROAD	TEMPORARY WORK SPACE	PERMANENT EASEMENT	TEMPORARY WORK SPACE(TWS)	ADD. TEMPORARY WORK SPACE(ATWS)
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CONSTRUCTION METHOD

CONSTRUCTION METHOD KEY
1.1 - TYPICAL RW WORKING SIDE LEFT

PROFILE



ISSUED FOR CONSTRUCTION

HOLLAND ENGINEERING

2005 E. Highway 2, Suite 400
 2005 E. Highway 2, Suite 400
 Tallahassee, FL 32310
 T: 904-225-5000 F: 904-225-5001
 www.hollandengineering.com

REVISIONS

REV.	DATE	DESCRIPTION
0	09-05-16	REV. 4.1.13 ISSUED FOR BID
1	10-14-16	OCTOBER 2016 PROPOSED ROUTE ISSUED TO PERC
2	11-27-17	TYPE 8 TEST STATION - PIPELINE

MATERIAL SUMMARY

REV.	DATE	DESCRIPTION
0	09-05-16	X-45 FUSION BONDED EPOXY
1	10-14-16	X-45 FUSION BONDED EPOXY
2	11-27-17	X-45 FUSION BONDED EPOXY

Mountain Valley Pipeline

PIPELINE ALIGNMENT

MOUNTAIN VALLEY PROJECT - H601 LINE

SALT LICK DIST., BRAXTON CO., WV.

STA. 00+00 TO STA. 11+43

HORZ. SCALE: 1" = 100'

DRAWN BY: HEI(DRF) 05/09/15

DRAFTING CK:

ENGINEERING CK:

CONSTRUCTION CK:

ENVIRONMENTAL CK:

AFE/P.O. NO.:

HEI PROJECT NO.: 14-10-052

DRAWING NO.:

PA-PIVA-H601-01

SHEET 1 OF 1 REV. 2

DATE OF PLOT: 11/25/17 11:17 AM