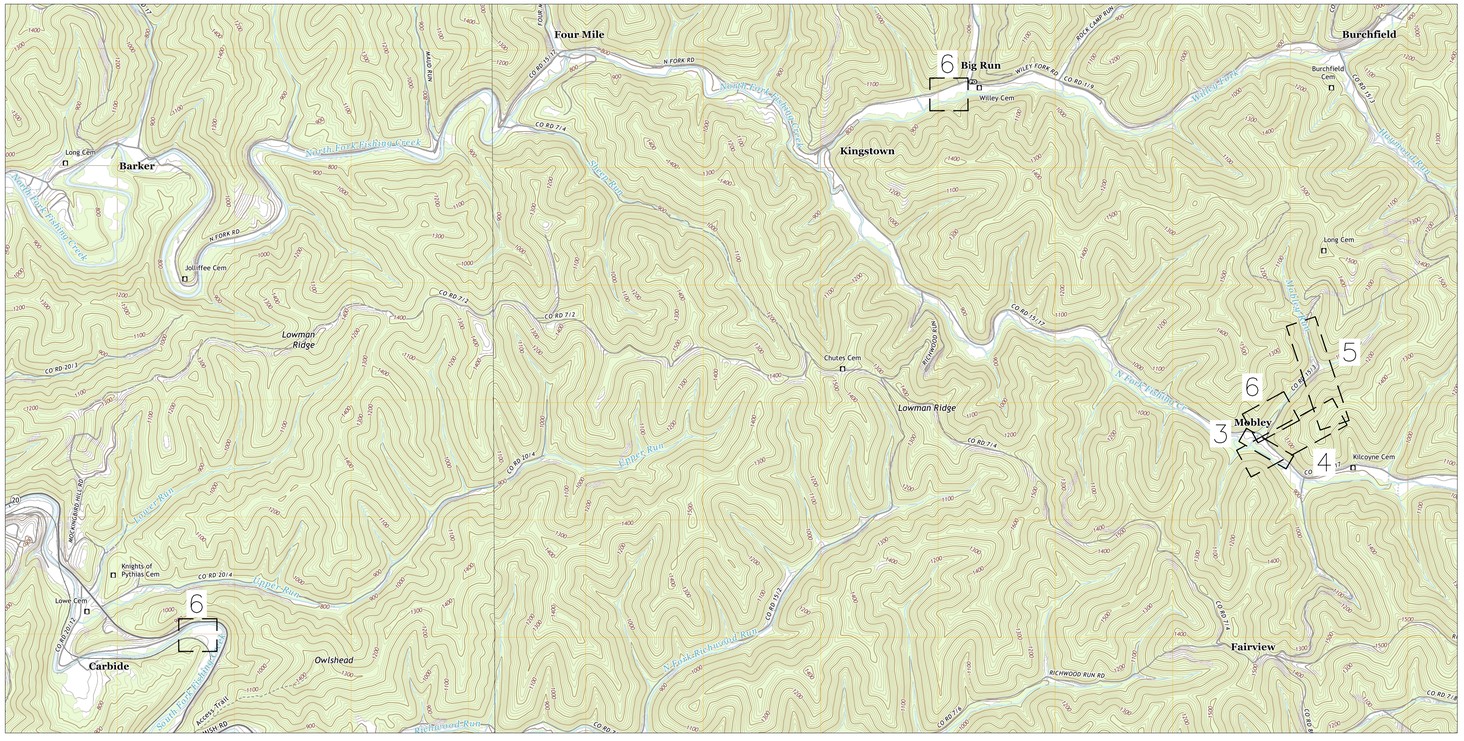
ALIGNMENT SHEET PLANS

EQUITRANS, L.P.

OHIO VALLEY CONNECTOR EXPANSION PROJECT

H-330 & H-330 SPUR PIPELINES

WETZEL COUNTY, WEST VIRGINIA

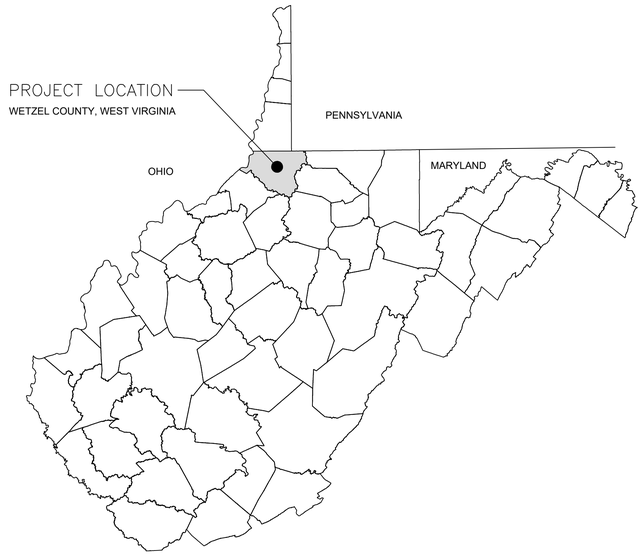


MAP REFERENCES:
7.5 MIN. QUADRANGLES
BIG RUN AND PINE GROVE.
ALL 2019

LOCATION MAP

SCALE: 1" = 2000'

2000' 0 2000' 4000'



DRAWING INDEX	
SHEET NUMBER	SHEET TITLE
1	COVER
2	NOTES
3–5	ALIGNMENT SHEET
6	ACCESS ROADS AND CONTRACTOR YARDS

REVISIONS

REV.	BY	DATE	DESCRIPTION

MATERIAL SUMMARY

MK. NO.	QTY.	DESCRIPTION

APPROVED FOR CONSTRUCTION

REV.	BY	DATE

APPROVED FOR BIDDING

REV.	BY	DATE

APPROVED FOR FERC

REV.	BY	DATE

OHIO VALLEY CONNECTOR EXPANSION PROJECT
H-330 & H-330 SPUR PIPELINE
COVER SHEET

EQUITRANS, L.P.
2200 ENERGY DRIVE
CANONSBURG, PENNSYLVANIA 15317

HORZ. SCALE: N/A
DRAWN BY: CJF 01/24/22
DRAFTING CK:
ENGINEERING CK:
CONSTRUCTION CK:
ENVIRONMENTAL CK:
AFE/P.O.NO.:
GAI PROJECT NO.: R210388-06
DRAWING NO.: **000-00-D2-001**
SHEET: 1 OF 6 REV.
DATE OF PLOT: 1/24/2022 10:37:47 AM

GENERAL NOTES

GENERAL NOTES

1. TEMPORARY WORKSPACES AND LIMITS OF DISTURBANCE ARE AS-SHOWN ON THESE DRAWINGS. SPECIFIC NOTES AND DETAILS PERTAINING TO IMPACTS AND CLEARANCES ARE PROVIDED IN THE EROSION AND SEDIMENT CONTROL PLANS.
2. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 3 FEET OF COVER IN SOIL OR 2 FEET OF COVER IN ROCK IF NOT SPECIFICALLY STATED ELSEWHERE.
3. WETLAND AREAS AND STREAMS AS SHOWN IN THIS PLAN WERE PROVIDED BY GAI CONSULTANTS ENVIRONMENTAL SURVEY.
4. THE MERIDIAN IS REFERENCED TO THE "UNIVERSAL TRANSVERSE MERCATOR, ZONE 17, NAD83 DATUM".
5. CONTOURS WERE DERIVED FROM WEST VIRGINIA PUBLIC DATA LOCATED AT WWW.WVGIS.WVU.EDU.
6. IMAGERY SOURCE: BING IMAGERY.
7. ALL STATIONING SHOWN ON THESE DRAWINGS FOR THE ALIGNMENT IS BASED ON HORIZONTAL (2D) STATIONING. PROFILE GRADE IS BASED ON THE SURVEY BASELINE.
8. CONTRACTOR TO REFER TO EQUITRANS MIDSTREAM PIPELINE CONSTRUCTION MANUAL FOR ALL PIPELINE CONSTRUCTION STANDARDS TO BE USED INCLUDING MINIMUM COVER REQUIREMENTS.
9. PIPELINE MARKERS AND TEST STATIONS ARE TO BE INSTALLED PER EQUITRANS MIDSTREAM CONSTRUCTION STANDARDS.
10. ALL ROAD CROSSINGS SHALL BE CONSTRUCTED PER THE HIGHWAY OCCUPANCY PERMITS. CROSSING METHODS MAY NOT BE CHANGED WITHOUT PRIOR APPROVAL.
11. NO WORK/DISTURBANCE IS TO BE ALLOWED OUTSIDE OF THE APPROVED CONSTRUCTION LIMITS OF DISTURBANCE.

SURVEY NOTES

1. EXISTING PROPERTY LINES INFORMATION WAS PROVIDED BY EQUITRANS.
2. GAI CONSULTANTS HAS NOT FIELD VERIFIED PROPERTY LINES.
3. GAI CONSULTANTS COMPLETED CIVIL GROUND SURVEY IN SEPTEMBER 2021.

UTILITY INFORMATION

1. CONTRACTOR SHALL PLACE ONE-CALL NOTICES WITH WV (1-800-245-4848) ONE CALL SYSTEMS AT LEAST 48 HOURS, BUT NOT MORE THAN 10 DAYS, PRIOR TO ANY EXCAVATION ON THIS PROJECT.
2. EXISTING FOREIGN UTILITIES AND THEIR RESPECTIVE LOCATIONS AS SHOWN ON THESE PLANS SHALL BE CONSIDERED APPROXIMATE EXCEPT WHERE NOTED. THE CONTRACTOR MUST VERIFY THE EXTENT OF ALL FOREIGN UTILITIES WITHIN THE PROJECT AREA AS WELL AS THEIR SPECIFIC DEPTHS AND LOCATIONS PRIOR TO CONSTRUCTION.
3. CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL PERMITS (FEDERAL, STATE, AND LOCAL).
4. ALL FOREIGN UTILITY LINES CROSSED BY THE PROJECT PIPELINE SHALL MAINTAIN A MINIMUM DISTANCE OF 18" OF SEPARATION BETWEEN THE UTILITY AND THE PROJECT PIPELINE.
5. CONTRACTOR SHALL FOLLOW ALL STANDARDS SET FORTH BY EQUITRANS MIDSTREAM AND FOREIGN UTILITY OWNERS WHILE EXCAVATING NEAR FOREIGN UTILITIES.

REVISIONS

REV.	BY	DATE	DESCRIPTION

MATERIAL SUMMARY

MK. NO.	QTY.	DESCRIPTION

APPROVED FOR FERC			APPROVED FOR BIDDING			APPROVED FOR CONSTRUCTION		
REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE

OHIO VALLEY CONNECTOR EXPANSION PROJECT
H-330 & H-330 SPUR PIPELINES
GENERAL NOTES

EQUITRANS, L.P.
2200 ENERGY DRIVE
CANONSBURG, PENNSYLVANIA 15317

HORZ. SCALE: N/A	
DRAWN BY: CJF	01/24/22
DRAFTING CK:	
ENGINEERING CK:	
CONSTRUCTION CK:	
ENVIRONMENTAL CK:	
AFE/P.O.NO.:	
GAI PROJECT NO.:	R210388-06
DRAWING NO.:	**000-00-D2-002**
SHEET: 2 OF 6	REV.
DATE OF PLOT: 1/24/2022 10:40:23 AM	

RIGHT-OF-WAY & OWNERSHIP DATA	WV-WC-024	WV-WC-023	WV-WC-020	WV-WC-020	LIBERTY VALVE YARD	WV-WC-015	NORTH FORK ROAD	WV-WC-017
	108 LF	70 LF	161 LF	141 LF		100 LF		80 LF
	1+08	1+78	3+39	4+80		0+00	1+00	1+20 2+00

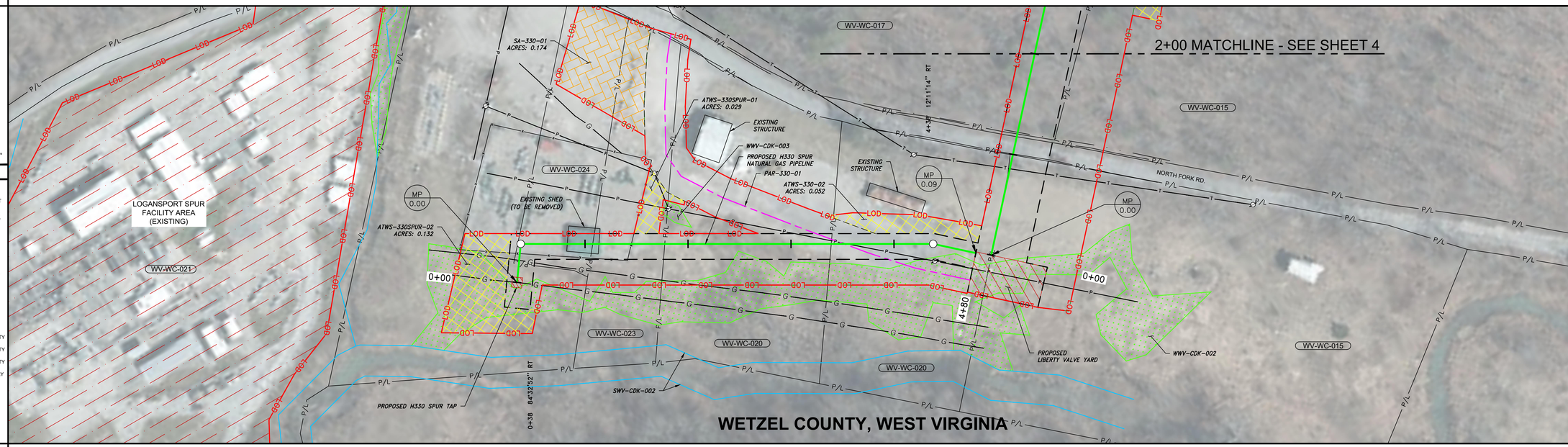
DESIGN	PIPE / COATING	
	DISTANCE	
	CLASS LOCATION / HCA	
ENVIRONMENTAL	CONSTRUCTION EXCLUSION	
	WETLAND / STREAM	
	PIPELINE DEPTH EXCEPTION	
	EXCEPTION DISTANCE	

0' 25' 50' 100'

PLAN VIEW

LEGEND

- C/L OF EASEMENT
- C/L OF PIPE PLACEMENT
- EXISTING PIPELINE
- LIMIT-OF-DISTURBANCE
- PERMANENT EASEMENT
- WORK SPACE LIMITS
- PERMANENT ACCESS RD
- TEMPORARY ACCESS RD
- PROPERTY LINE
- ROAD RIGHT-OF-WAY
- FENCE LINE
- OVERHEAD POWER
- OVERHEAD TELEPHONE
- C/L ROAD
- STREAM
- WETLAND
- PI SYMBOL
- POWER/TELE POLE
- GAS VALVE
- POST - GATE/FENCE
- EXISTING CULVERT
- ABOVE GROUND FACILITY (EXISTING)
- ABOVE GROUND FACILITY (PROPOSED)
- ABOVE GROUND FACILITY (WORK SPACE)
- ADDITIONAL TEMPORARY WORK SPACE(ATWS)
- CONTRACTOR YARD
- STAGING AREA



REFERENCE DRAWINGS

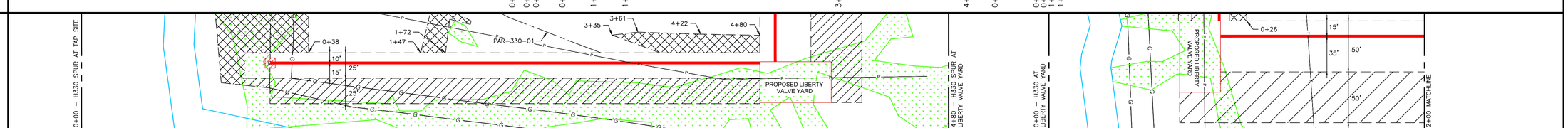
DRAWING NO.	DESCRIPTION

HORIZONTAL STATIONING

0+00 BEGINNING (H330 SPUR TAP)
0+21 EXISTING GAS LINE
0+28 EXISTING FENCE LINE
0+83 EXISTING BUILDING
1+14 EXISTING BUILDING
1+45 EXISTING FENCE LINE
3+54 OVERHEAD ELECTRIC
4+80 PROPOSED LIBERTY VALVE YARD (ENTER)
0+00 PROPOSED LIBERTY VALVE YARD (EXIT)
0+86 OVERHEAD TELEPHONE
0+99 EDGE OF ROAD
1+18 EDGE OF ROAD
1+22 EXISTING DITCH

WORK SPACE

- PROPOSED PIPELINE
- EXISTING PIPELINE
- EXISTING OVHD. ELEC.
- EXISTING OVHD. TELE.
- ACCESS ROAD
- PERMANENT EASEMENT
- TEMPORARY WORK SPACE(TWS)
- ADD. TEMPORARY WORK SPACE(ATWS)



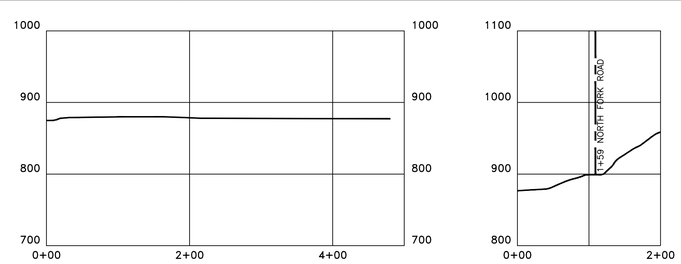
CONSTRUCTION METHOD

7A | 1C | 1A | 1C | 7A | 7B | 7A | 1A | 1C | 1A | 1B

CONSTRUCTION METHOD KEY

- 1A - WORKING SIDE RIGHT, TOPSOIL STRIPPING
- 1B - WORKING SIDE RIGHT, NO TOPSOIL STRIPPING
- 1C - WORKING SIDE RIGHT, ATWS LEFT, TOPSOIL STRIPPING
- 1F - WORKING SIDE RIGHT, ATWS RIGHT, NO TOPSOIL STRIPPING
- 5A - RIGHT OF EXISTING FOREIGN PIPELINE, TOPSOIL STRIPPING
- 5B - RIGHT OF EXISTING PIPELINE, NO ATWS, TOPSOIL STRIPPING
- 5C - RIGHT OF EXISTING FOREIGN PIPELINE, ATWS LEFT, TOP SOIL STRIPPING
- 7A - WETLAND AREA, NO ATWS
- 7B - WETLAND AREA, WITH ATWS

PROFILE



REVISIONS

REV.	BY	DATE	DESCRIPTION

MATERIAL SUMMARY

MK. NO.	QTY.	DESCRIPTION

AERIAL PHOTOGRAPHY DATE: 2021

APPROVED FOR CONSTRUCTION

REV.	BY	DATE

APPROVED FOR BIDDING

REV.	BY	DATE

APPROVED FOR FERC

REV.	BY	DATE

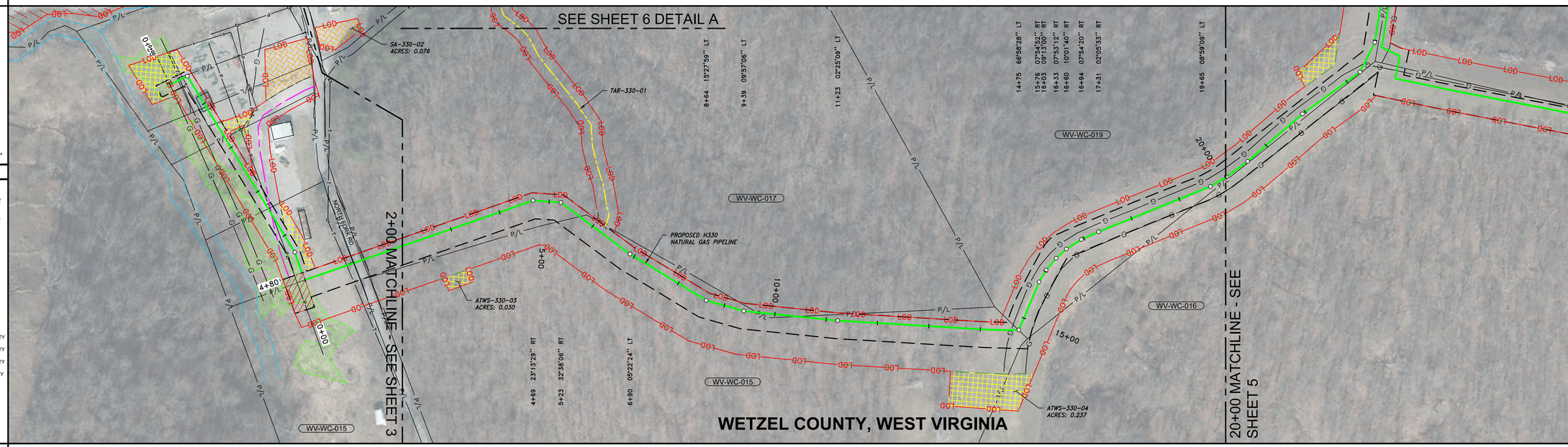
OHIO VALLEY CONNECTOR EXPANSION PROJECT
H-330 & H-330 SPUR PIPELINES

WETZEL COUNTY, WEST VIRGINIA
STA. 0+00 TO STA. 4+80; STA. 0+00 TO STA. 2+00

HORZ. SCALE: 1" = 50'	
DRAWN BY: CJF	01/24/22
DRAFTING CK:	
ENGINEERING CK:	
CONSTRUCTION CK:	
ENVIRONMENTAL CK:	
AFE/P.O.NO.:	
GAI PROJECT NO.:	R210388-06
DRAWING NO.:	000-00-D2-003
SHEET: 3 OF 6	REV.

DATE OF PLOT: 1/24/2022 10:45:31 AM

RIGHT-OF-WAY & OWNERSHIP DATA	2+00	WV-WC-017 369 LF	5+69	WV-WC-015 396 LF	9+65	WV-WC-017 79 LF	10+44	WV-WC-015 430 LF	14+74	WV-WC-019 526 LF	20+00
DESIGN: PIPE / COATING											
DESIGN: DISTANCE											
DESIGN: CLASS LOCATION / HCA											
ENVIRONMENTAL: CONSTRUCTION EXCLUSION											
ENVIRONMENTAL: WETLAND / STREAM											
ENVIRONMENTAL: PIPELINE DEPTH EXCEPTION											
ENVIRONMENTAL: EXCEPTION DISTANCE											



0' 50' 100' 200'

PLAN VIEW

LEGEND

- C/L OF EASEMENT
- C/L OF PIPE PLACEMENT
- EXISTING PIPELINE
- LIMIT-OF-DISTURBANCE
- PERMANENT EASEMENT
- WORK SPACE LIMITS
- PERMANENT ACCESS RD
- TEMPORARY ACCESS RD
- PROPERTY LINE
- ROAD RIGHT-OF-WAY
- FENCE LINE
- OVERHEAD POWER
- OVERHEAD TELEPHONE
- C/L ROAD
- STREAM
- WETLAND
- PI SYMBOL
- POWER/TELE POLE
- GAS VALVE
- POST - GATE/FENCE
- EXISTING CULVERT
- ABOVE GROUND FACILITY (EXISTING)
- ABOVE GROUND FACILITY (PROPOSED)
- ABOVE GROUND FACILITY (WORK SPACE)
- ADDITIONAL TEMPORARY WORK SPACE(ATWS)
- CONTRACTOR YARD
- STAGING AREA

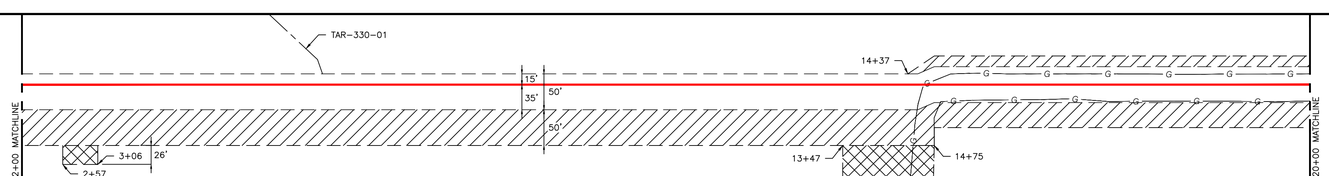
REFERENCE DRAWINGS

DRAWING NO.	DESCRIPTION

HORIZONTAL STATIONING

WORK SPACE

- PROPOSED PIPELINE
- EXISTING PIPELINE
- EXISTING OVHD. ELEC.
- EXISTING OVHD. TELE.
- ACCESS ROAD
- PERMANENT EASEMENT
- TEMPORARY WORK SPACE(TWS)
- ADD. TEMPORARY WORK SPACE(ATWS)

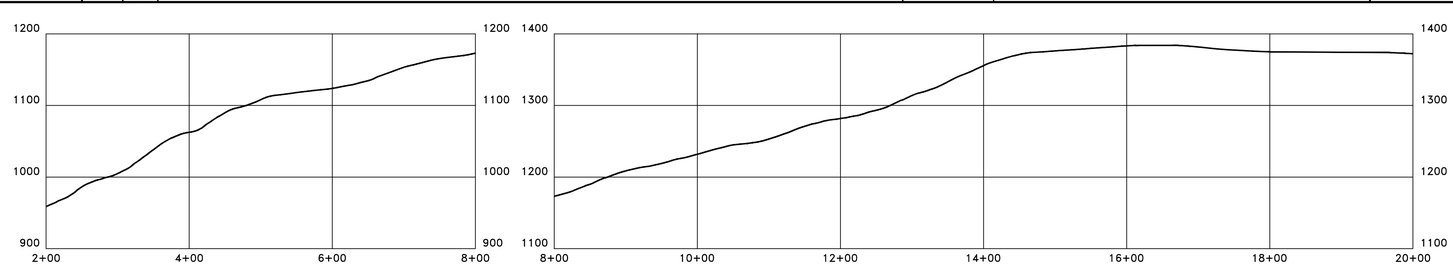


CONSTRUCTION METHOD: 1B | 1F | 1B | 1F | 5B

CONSTRUCTION METHOD KEY

- 1A - WORKING SIDE RIGHT, TOPSOIL STRIPPING
- 1B - WORKING SIDE RIGHT, NO TOPSOIL STRIPPING
- 1C - WORKING SIDE RIGHT, ATWS LEFT, TOPSOIL STRIPPING
- 1F - WORKING SIDE RIGHT, ATWS RIGHT, NO TOPSOIL STRIPPING
- 5A - RIGHT OF EXISTING FOREIGN PIPELINE, TOPSOIL STRIPPING
- 5B - RIGHT OF EXISTING PIPELINE, NO ATWS, TOPSOIL STRIPPING
- 5C - RIGHT OF EXISTING FOREIGN PIPELINE, ATWS LEFT, TOP SOIL STRIPPING
- 7A - WETLAND AREA, NO ATWS
- 7B - WETLAND AREA, WITH ATWS

PROFILE



REVISIONS

REV.	BY	DATE	DESCRIPTION

MATERIAL SUMMARY

MK. NO.	QTY.	DESCRIPTION

AERIAL PHOTOGRAPHY DATE: 2021

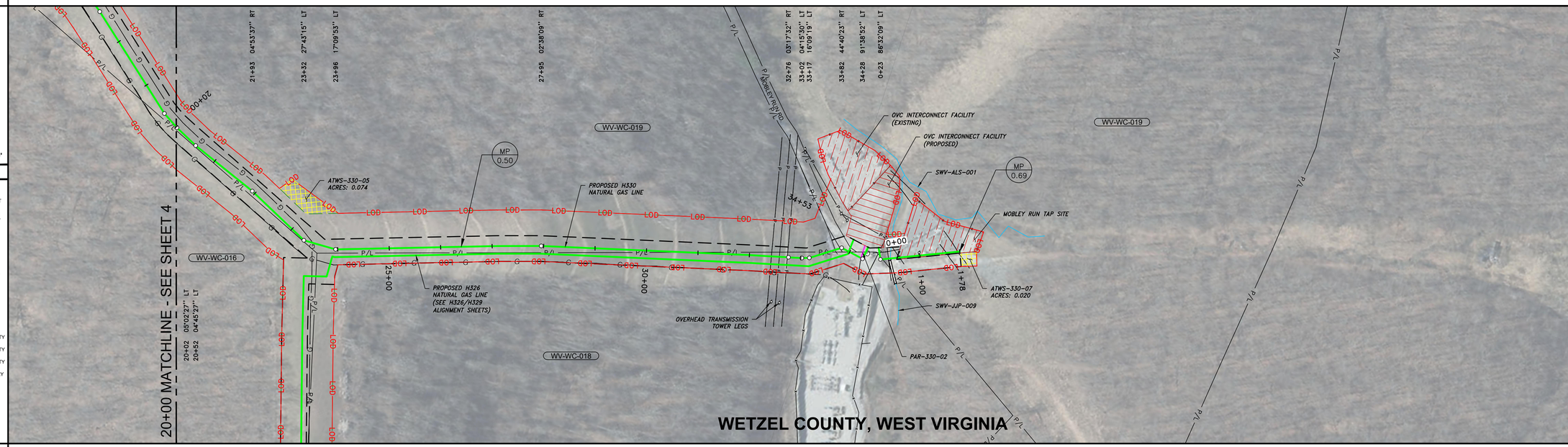
APPROVED FOR FERC			APPROVED FOR BIDDING			APPROVED FOR CONSTRUCTION		
REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE

OHIO VALLEY CONNECTOR EXPANSION PROJECT
H-330 & H-330 SPUR PIPELINES

WETZEL COUNTY, WEST VIRGINIA
STA. 2+00 TO STA. 20+00

HORZ. SCALE: 1" = 100'	
DRAWN BY: CJF	01/24/22
DRAFTING CK:	
ENGINEERING CK:	
CONSTRUCTION CK:	
ENVIRONMENTAL CK:	
AFE/P.O.NO.:	
GAI PROJECT NO.:	R210388-06
DRAWING NO.:	000-00-D2-003
SHEET: 4 OF 6	REV.
DATE OF PLOT: 1/24/2022 10:45:48 AM	

RIGHT-OF-WAY & OWNERSHIP DATA	20+00	WV-WC-019 1,079 LF	30+79	WV-WC-018 300 LF	33+79	MOBLEY RUN ROAD	34+00	WV-WC-018 43 LF	34+43	WV-WC-019 10 LF	34+53
DESIGN – PIPE / COATING											
DESIGN – DISTANCE											
DESIGN – CLASS LOCATION / HCA											
ENVIRONMENTAL – CONSTRUCTION EXCLUSION											
ENVIRONMENTAL – WETLAND / STREAM										SWV–JJP–009 6 LF	
ENVIRONMENTAL – PIPELINE DEPTH EXCEPTION											
ENVIRONMENTAL – EXCEPTION DISTANCE											



REFERENCE DRAWINGS

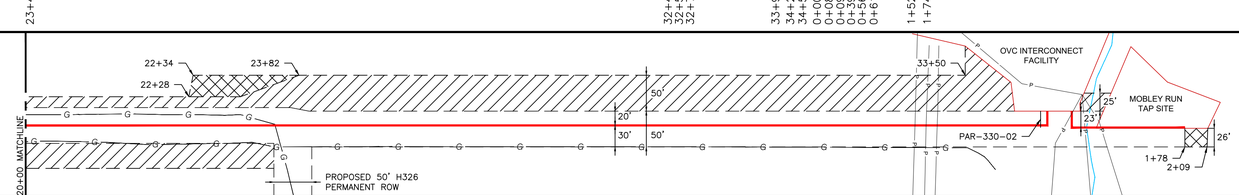
DRAWING NO.	DESCRIPTION

HORIZONTAL STATIONING

23+49 EXISTING GAS LINE
32+42 OVERHEAD ELECTRIC
32+56 OVERHEAD ELECTRIC
32+74 OVERHEAD ELECTRIC
33+98 PROPOSED GAS LINE (H326)
34+25 EXISTING GAS LINE
34+43 OVC INTERCONNECT FACILITY (PROPOSED)
0+00 OVC INTERCONNECT FACILITY (PROPOSED)
0+08 OVERHEAD ELECTRIC
0+09 EXISTING GAS LINE
0+39 OVERHEAD ELECTRIC
0+56 MOBLEY RUN TAP SITE
0+61 OVERHEAD ELECTRIC
1+52 EXISTING GAS LINE
1+74 EXISTING GAS LINE

WORK SPACE

- PROPOSED PIPELINE
- EXISTING PIPELINE
- EXISTING OVHD. ELEC.
- EXISTING OVHD. TELE.
- ACCESS ROAD
- PERMANENT EASEMENT
- TEMPORARY WORK SPACE(TWS)
- ADD. TEMPORARY WORK SPACE(ATWS)



CONSTRUCTION METHOD

5B	5C	5A	7A	1A

CONSTRUCTION METHOD KEY

- 1A - WORKING SIDE RIGHT, TOPSOIL STRIPPING
- 1B - WORKING SIDE RIGHT, NO TOPSOIL STRIPPING
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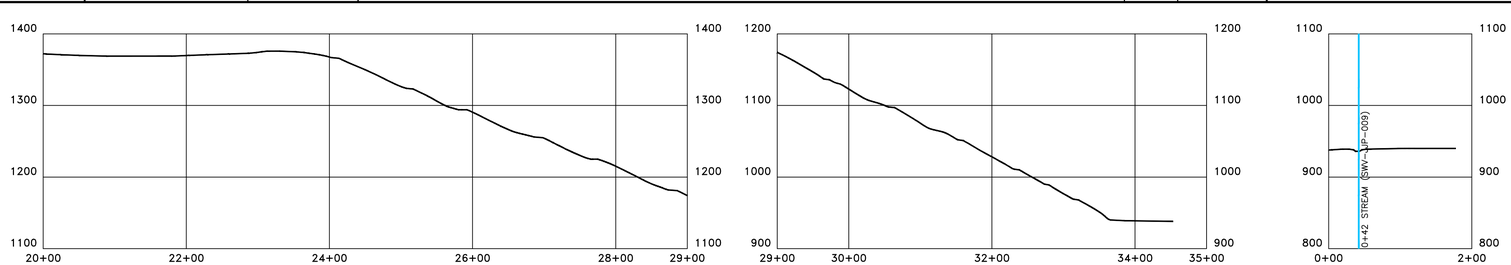
PROFILE



REVISIONS

REV.	BY	DATE	DESCRIPTION

MATERIAL SUMMARY

MK. NO.	QTY.	DESCRIPTION

APPROVED FOR FERC			APPROVED FOR BIDDING			APPROVED FOR CONSTRUCTION		
REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE

OHIO VALLEY CONNECTOR EXPANSION PROJECT
H-330 & H-330 SPUR PIPELINES
WETZEL COUNTY, WEST VIRGINIA
STA. 20+00 TO STA. 34+53 & STA 0+00 TO STA. 1+78

HORZ. SCALE: 1" = 100'	
DRAWN BY: CJF	01/24/22
DRAFTING CK:	
ENGINEERING CK:	
CONSTRUCTION CK:	
ENVIRONMENTAL CK:	
AFE/P.O.NO.:	
GAI PROJECT NO.:	R210388-06
DRAWING NO.:	000-00-D2-003
SHEET: 5 OF 6	REV.
DATE OF PLOT: 1/24/2022 10:46:08 AM	

0' 50' 100' 200'

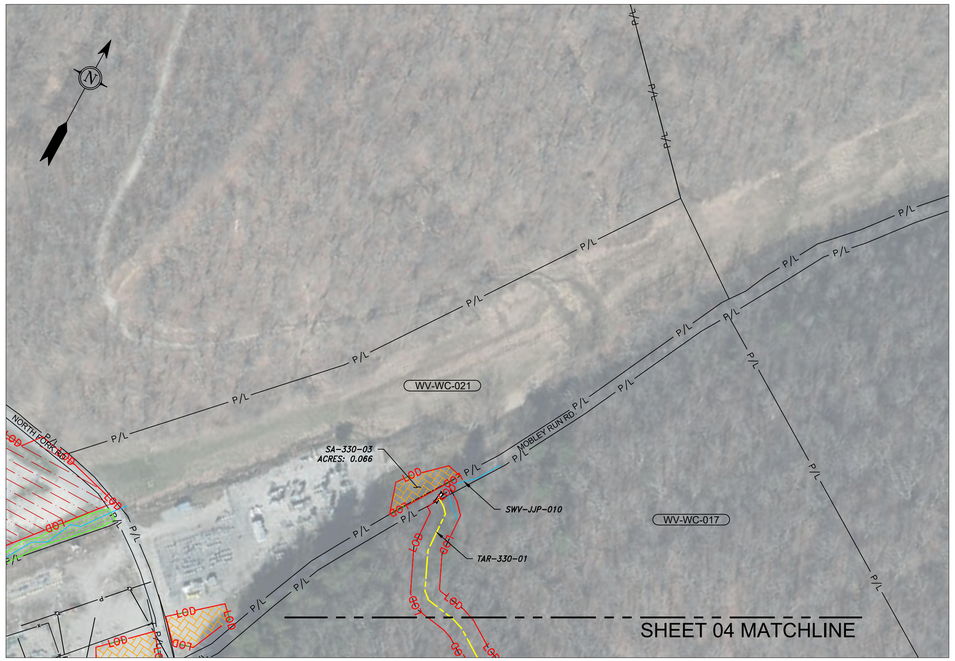
PLAN VIEW

LEGEND

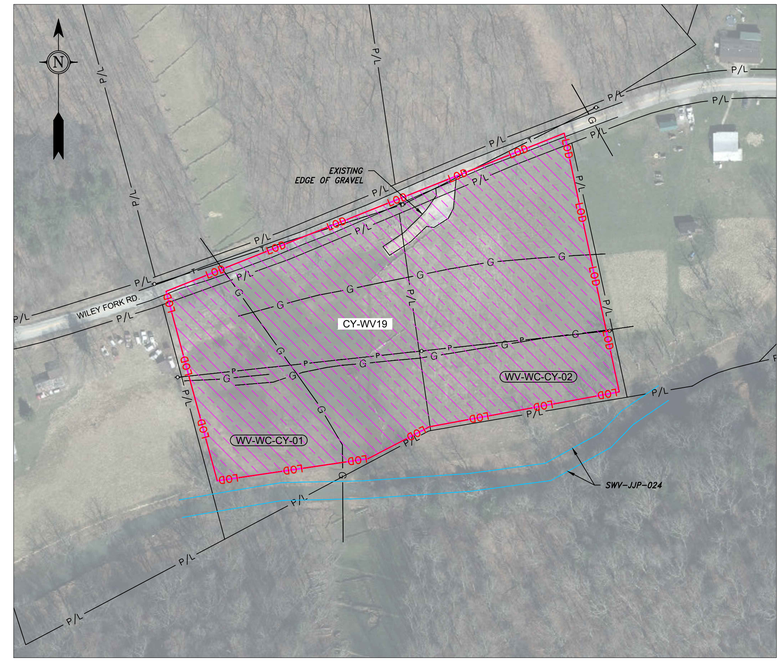
- C/L OF EASEMENT
- C/L OF PIPE PLACEMENT
- G — EXISTING PIPELINE
- LOD — LIMIT-OF-DISTURBANCE
- PERMANENT EASEMENT
- WORK SPACE LIMITS
- PERMANENT ACCESS RD
- TEMPORARY ACCESS RD
- P/L — PROPERTY LINE
- R/W — ROAD RIGHT-OF-WAY
- FENCE LINE
- P — OVERHEAD POWER
- T — OVERHEAD TELEPHONE
- C/L ROAD
- STREAM
- WETLAND
- PI SYMBOL
- POWER/TELE POLE
- GAS VALVE
- POST - GATE/FENCE
- EXISTING CULVERT
- ABOVE GROUND FACILITY (EXISTING)
- ABOVE GROUND FACILITY (PROPOSED)
- ABOVE GROUND FACILITY (WORK SPACE)
- ADDITIONAL TEMPORARY WORK SPACE(ATWS)
- CONTRACTOR YARD
- STAGING AREA

REFERENCE DRAWINGS

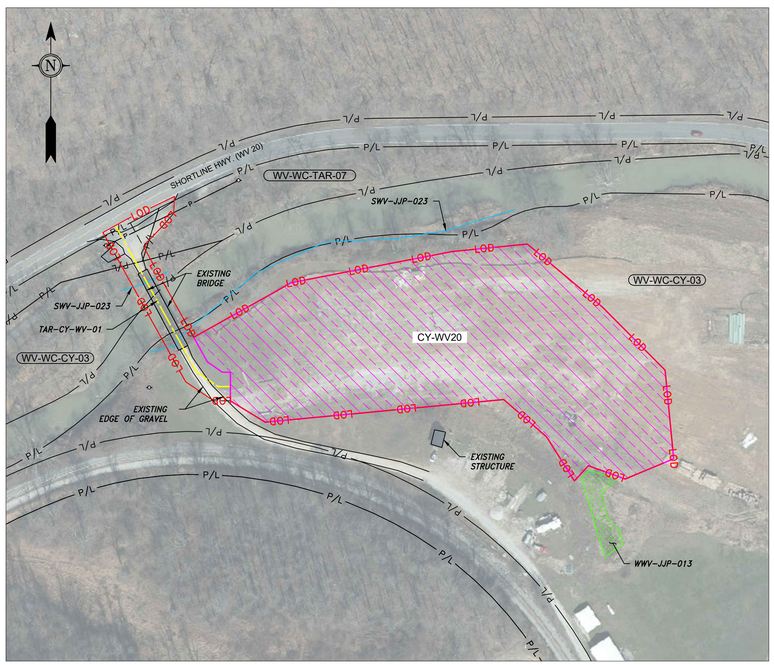
DRAWING NO.	DESCRIPTION



DETAIL A
PAR-330-01



DETAIL B
CY-WV19



DETAIL C
CY-WV20

REVISIONS

REV.	BY	DATE	DESCRIPTION

MATERIAL SUMMARY

MK. NO.	QTY.	DESCRIPTION

APPROVED FOR CONSTRUCTION

REV.	BY	DATE

APPROVED FOR FERC

REV.	BY	DATE

OHIO VALLEY CONNECTOR
EXPANSION PROJECT
H-330 & H-330 SPUR PIPELINES

WETZEL COUNTY, WEST VIRGINIA
ACCESS ROADS AND CONTRACTOR YARDS

HORZ. SCALE: 1" = 100'	
DRAWN BY: CJF	01/24/22
DRAFTING CK:	
ENGINEERING CK:	
CONSTRUCTION CK:	
ENVIRONMENTAL CK:	
AFE/P.O.NO.:	
GAI PROJECT NO.:	R210388-06
DRAWING NO.:	**000-00-D2-006**
SHEET: 6 OF 6	REV.
DATE OF PLOT: 1/24/2022 10:47:55 AM	