
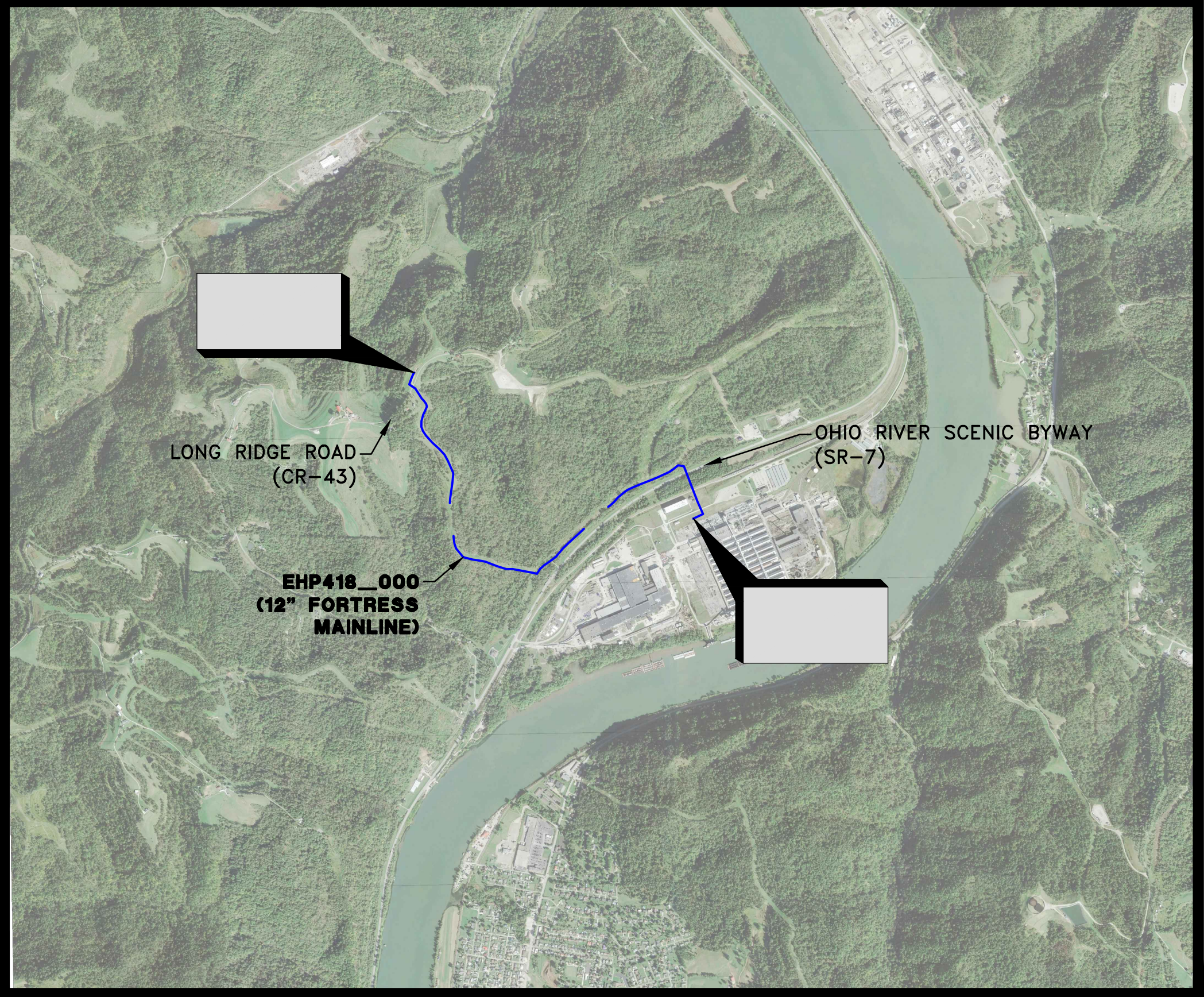


Equitrans Midstream Fortress ML Permit Impacts Table		<div></div> <div>Prepared by: RETTEW Project No. 102502114</div>
ENVIRONMENTAL PERMIT TYPE	PERMIT APPROVED (Yes, No, Pending)	LOCATION
Nationwide Permit	N/A; Non-Reporting	Cumulative of entire project
Cultural Resource Concurrence	N/A; Non-Reporting	Cumulative of entire project
401 Water Quality Certification / Director's Authorization	Pending (*Anticipated 11/1/19)	Cumulative of entire project
County Floodplain Permit	N/A	Cumulative of entire project
USFWS Threatened & Endangered Species Coordination	Approved	Cumulative of entire project
ODNR Threatened & Endangered Species Coordination	Pending (*Anticipated 11/1/19)	Cumulative of entire project
Public Utilities Commission of Ohio (PUCO) Pre-Construction Notice	To be submitted closer to construction	Cumulative of entire project
911 Addresses	To be submitted closer to construction	Location: 39.584345°, -81.113294° (New 20-8 location)
Hydrostatic Withdrawal (Record amount of gallons taken)	N/A	Former Location: 39.768619°, -80.882334°
Hydrostatic Testing (NOI to be sent 40 days prior)	Pending (*Anticipated 11/1/19)	Location: 39.593464°, -81.110048°
TRANSPORTATION PERMIT TYPE	PERMIT APPROVED (Yes, No, Pending)	LOCATION
RUMA Agreement	Monroe County - To be submitted	Long Ridge Road (CR-43) & Fisher Hill Road (TR-418)
Railroad Crossing	To be submitted	Fortress Facility
HOP-1 TAR's: 1 & 2	To be submitted	Long Ridge Road (CR-43) Monroe County, OH
HOP-2	To be submitted	State Route 7 (SR-7) Monroe County, OH
TAR-3	To be submitted	State Route 7 (SR-7) Monroe County, OH
TAR-4	To be submitted	State Route 7 (SR-7) Monroe County, OH
TAR-5	To be submitted	State Route 7 (SR-7) Monroe County, OH
NOTE: PAR-1, PAR-3, TAR-6 & TAR-7 are to be utilized as existing access roads, no permitting required.		



VICINITY MAP  
NTS

SHEET LIST TABLE	
SHEET NUMBER	SHEET TITLE
1	COVER SHEET
2	CONTRACTOR NOTES & LEGEND
3	ROAD, UTILITY, & FEATURE TABLES
4	STA. 0+00 TO 44+00
5	STA. 44+00 TO 96+67
6	SLICK BORE DETAILS
7	TRAP SITE DETAILS
8	FACILITY FENCE & SIGN DETAILS
9	E&S NOTES
10	E&S NOTES & SEEDING TABLES
11	E&S DETAILS
12	E&S, TRENCH, & WATER EVAC. DETAILS
13	TRENCH & STREAM CROSSING DETAILS
14	WETLAND & STREAM CROSSING DETAILS
15	RD CROSSING, ACCESS RD, & SIDEHILL DETAILS
16	HYDROSTATIC DISCHARGE DETAILS

ENVIRONMENTAL CONSTRUCTION QUANTITIES— EHP418_000		
LUMP SUM APPROXIMATE QUANTITIES	ESTIMATED QUANTITY	UNITS
FILTER SOCK OR SILT FENCE	14,731	LF
TRENCH PLUG	52	EA
DOUBLE TRENCH PLUG	0	EA
WATERBARS	31	EA
WATERBARS WITH OUTLET PROTECTION	4	EA
SLOPE MATTING	24,248	SY
ROCK CONSTRUCTION ENTRANCE	5	EA
TREE CLEARING	3806	LF

PIPELINE COVER REQUIREMENTS  
ROCK AREAS 3 FT.  
WOODED AREAS 3 FT.  
DRIVING SURFACES 5 FT.  
AGRICULTURAL 4 FT.  
STREAMS/WETLANDS 5 FT.

NOTE: THESE ARE MINIMUM REQUIREMENTS TO TOP OF PIPE.

PROJECT HIGH AND LOW ELEVATIONS  
HIGH POINT ELEVATION: 1340.98  
LOW POINT ELEVATION: 666.06



1. ALL EXISTING UTILITY DATA IS PROVIDED FOR INFORMATION ONLY. HOWEVER, THE DATA IS SHOWN AS ACCURACY AS POSSIBLE, THE CONTRACTOR IS CAUTIONED THAT THE DEVELOPER AND THE ENGINEER NEITHER ASSUME NOR IMPLY ANY RESPONSIBILITY FOR THE ACCURACY OF THIS DATA.
2. THE CONTRACTOR IS TO VERIFY LOCATION AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
3. ALL CONTRACTORS/SUBCONTRACTORS PERFORMING WORK ON THIS PROJECT SHALL FAMILIARIZE THEMSELVES WITH THE SITE AND SHALL BE SOLELY RESPONSIBLE FOR ANY DAMAGE TO EXISTING FACILITIES RESULTING DIRECTLY OR INDIRECTLY FROM THEIR OPERATIONS. SAID EXISTING IMPROVEMENTS SHALL INCLUDE BUT NOT BE LIMITED TO BERMS, DITCHES, FENCES AND PLANTS. ANY REMOVAL OR DAMAGE TO EXISTING IMPROVEMENTS SHALL BE REPLACED OR REPAIRED BY THE CONTRACTORS AT THEIR EXPENSE AND SHALL BE APPROVED BY THE OWNER/REP.
4. ALL CONSTRUCTION, TESTING AND MATERIALS SHALL MEET OR EXCEED ALL CLIENT STANDARDS AND SPECIFICATIONS.
5. ALL TESTING (FIELD AND LABORATORY) REQUIRED FOR COMPLETION OF THE WORK WILL BE DONE AT THE CONTRACTOR'S EXPENSE. LABORATORY TESTING WILL BE COMPLETED AT A COMPANY-APPROVED LABORATORY.
6. PRIOR TO CONSTRUCTION, ALL CONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH THE CONTRACT DOCUMENTS AND SPECIFICATIONS, THE PLANS INCLUDING ALL NOTES, THE PERMITTING DOCUMENTS OR REQUIREMENT, SPECIFICATIONS AND ANY OTHER APPLICABLE STANDARDS OR SPECIFICATIONS RELEVANT TO THE PROPER COMPLETION OF THE WORK SPECIFIED. FAILURE ON THE PART OF THE CONTRACTOR TO FAMILIARIZE HIMSELF WITH ALL STANDARDS OR SPECIFICATIONS PERTAINING TO THIS WORK SHALL IN NO WAY RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR PERFORMING THE WORK IN ACCORDANCE WITH ALL SUCH APPLICABLE STANDARDS AND SPECIFICATIONS.
7. CONTRACTORS SHALL HAVE IN THEIR POSSESSION, PRIOR TO CONSTRUCTION, ALL NECESSARY PERMITS, LICENSES, BONDS, INSURANCE, ETC. CONTRACTORS SHALL EACH HAVE AT LEAST ONE SET OF APPROVED ENGINEERING PLANS AND SPECIFICATIONS ON-SITE AT ALL TIMES.
8. THE OWNER/REP SHALL HAVE THE FINAL DECISION ON ALL CONSTRUCTION MATERIALS, METHODS AND PROCEDURES.
9. CONTRACTORS MUST CONFINE THEIR ACTIVITIES TO THE WORK AREA. NO ENCROACHMENTS ONTO DEVELOPED AREAS WILL BE ALLOWED. ANY DAMAGE RESULTING THEREFROM SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR.
10. IT WILL BE THE RESPONSIBILITY OF EACH CONTRACTOR TO PROTECT ALL EXISTING PUBLIC AND PRIVATE UTILITIES THROUGHOUT THE CONSTRUCTION OF THIS PROJECT. CONTRACTORS SHALL CONTACT THE APPROPRIATE UTILITY COMPANIES FOR LINE LOCATIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND SHALL ASSUME FULL LIABILITY TO THOSE COMPANIES FOR ANY DAMAGES CAUSED TO THEIR FACILITIES.
11. TRENCHES WHICH LIE OUTSIDE EXISTING OR FUTURE PAVEMENTS SHALL BE BACK-FILLED ABOVE THE TOP OF THE EMBEDMENT AND COMPACTED TO 95% PROCTOR DENSITY.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TRENCH SAFETY REQUIREMENTS.
13. CONTRACTOR SHALL RESTORE/REPLACE/MAINTAIN ALL FENCES AND GATES THROUGHOUT THE PROJECT LIMITS. THE CONTRACTOR SHALL PLACE TEMPORARY FENCING AT ALL DISTURBED LOCATIONS DURING CONSTRUCTION ACTIVITIES.
14. INSTALL ROCK CONSTRUCTION ENTRANCES AT ALL PERMANENT AND TEMPORARY ACCESS ROADS.

1. PLEASE REFER TO ENVIRONMENTAL REPORT FOR INFORMATION ON PROJECT SPECIFIC ENVIRONMENTAL CONSTRAINTS AND SPECIFICATIONS.

1. DATUM BASED ON OHIO STATE PLANE COORDINATE SYSTEM, NAD 83 SOUTH ZONE, NAVD 88, ELEVATIONS MSL, DERIVED FROM GPS OBSERVATION.

2. KNOWN UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS DETERMINED FROM PREVIOUS MAPS, SURVEYS AND FIELD LOCATIONS. THE CONTRACTOR SHALL VERIFY EXACT LOCATION AND ELEVATION OF ALL UTILITIES IN THE WORK AREA PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL MAKE ONE-CALLS (CALL BY DIALING 811 OR THE EQUIVALENT STATE-SPECIFIC NUMBER) PRIOR TO CONSTRUCTION; DAMAGED FACILITIES SHALL BE IMMEDIATELY REPAIRED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR IS ADVISED THAT SOME UTILITY OWNERS MAY NOT SUBSCRIBE TO THE ONE-CALL SERVICE. EVERY EFFORT SHOULD BE MADE TO TRY TO IDENTIFY ENTITIES SUCH AS SMALL MUNICIPAL WORKS, PUBLIC SERVICE DISTRICTS AND LOCAL OIL AND GAS PRODUCERS THAT MAY NOT SUBSCRIBE TO THE SERVICE BUT HAVE BURIED INFRASTRUCTURE IN THE WORK AREA.

1. ALL TRENCH EXCAVATION SHALL BE IN ACCORDANCE WITH THE U.S. DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATOR'S STANDARDS. CONTRACTOR IS RESPONSIBLE FOR ALL TRENCH SAFETY.

	MUNICIPAL LINE
	PROPERTY LINE
	KEEP OFF PROPERTY
	PUBLIC R.O.W. LINE
	EXISTING ROAD
	CL ROAD
	CONTOUR - MAJOR
	CONTOUR - MINOR
	FENCE
	TREELINE
	CL RAILROAD
	BUILDING
	FOREIGN PIPELINE
	FIBER OPTIC
	UNDERGROUND ELECTRIC
	OVERHEAD ELECTRIC
	UNDERGROUND COMMUNICATION
	OVERHEAD COMMUNICATION
	STORM SEWER PIPE
	SANITARY SEWER LINE
	WATER LINE
	SIGN
	UTILITY POLE
	GUY ANCHOR
	FIRE HYDRANT
	SANITARY SEWER MANHOLE
	STORM SEWER MANHOLE
	GAS VALVE
	PIPELINE MARKER
	TEST LEAD
	WATER VALVE
	WELL
	TREE
	ELECTRIC TRANSMISSION TOWER
	PEM WETLAND
	PFO & PSS WETLANDS
	EPHEMERAL/INTERMITTENT STREAM
	PERENNIAL STREAM
	PROPOSED GATHERING LINE
	PROPOSED WELL CONNECT
	PERMANENT EASEMENT
	WORKSPACE EASEMENT
	PROPOSED PERMANENT ACCESS ROAD
	PROPOSED TEMPORARY ACCESS ROAD
	TIMBER MATS
	WELL PAD WITH LOD BY OTHERS
	TAP VALVE
	MAIN LINE VALVE
	ADDITIONAL/TEMPORARY WORKSPACE
	SLOPE MATTING OR HYDROSEED
	LIMIT OF DISTURBANCE
	FILTER SOCK OR SILT FENCE
	ORANGE CONSTRUCTION FENCE
	WATERBAR W/ OUTLET PROTECTION
	WATERBAR
	TRENCH PLUG
	DOUBLE TRENCH PLUG
	OUTLET PROTECTION/ROCK FILTER
	ROCK CONSTRUCTION ENTRANCE

Know what's at stake™  
**Call 811**  
BEFORE YOU DIG




12" MAINLINE  
EQUITRANS MIDSTREAM  
OHIO TOWNSHIP, MONROE COUNTY, OH

DATE:	8/20/19	AFE No.:	
SCALE:	AS NOTED	SEGMENT ID:	
DRAWN BY:	JME		
CHECKED BY:	NAK		
PROJECT ENGINEER:	NAK	PROJECT NUMBER:	102502114
PROJECT MANAGER:	NAK		REV. 0



JANUARY 2006

INTERSECTION SIGHT DISTANCE

201-5E

REFERENCE SECTION  
201.3, 201.3.1,  
201.3.2 & 201.3.3

(SEE FOLLOWING PAGE FOR ADDITIONAL FIGURES & NOTES)

DESIGN SPEED (MPH)	PASSENGER CARS COMPLETING A LEFT TURN FROM A STOP (ASSUMING A t <sub>2</sub> OF 7.5 SEC.)		PASSENGER CARS COMPLETING A RIGHT TURN FROM A STOP OR CROSSING MANEUVER (ASSUMING A t <sub>2</sub> OF 6.5 SEC.)	
	ISD (FT)	K-CREST VERT. CURVE	ISD (FT)	K-CREST VERT. CURVE
15	170	10	145	8
20	225	18	195	14
25	280	28	240	21
30	335	40	290	30
35	390	54	335	40
40	445	71	385	53
45	500	89	430	66
50	555	110	480	82
55	610	133	530	100
60	665	158	575	118
65	720	185	625	140
70	775	214	670	160

IF ISD CANNOT BE PROVIDED DUE TO ENVIRONMENTAL OR R/W CONSTRAINTS, THEN AT A MINIMUM, THE SSD FOR VEHICLES ON THE MAJOR ROAD SHOULD BE PROVIDED.

ISD = 1.47 X V<sub>major</sub> X t<sub>2</sub>

USING: S = INTERSECTION SIGHT DISTANCE  
L = LENGTH OF CREST VERTICAL CURVE  
A = ALGEBRAIC DIFFERENCE IN GRADES (%), ABSOLUTE VALUE  
K = RATE OF VERTICAL CURVATURE

ISD = INTERSECTION SIGHT DISTANCE (FT)

V<sub>major</sub> = DESIGN SPEED OF MAJOR ROAD (MPH)

t<sub>2</sub> = TIME GAP FOR MINOR ROAD VEHICLE TO ENTER THE MAJOR ROAD (SEC.)

FOR A GIVEN DESIGN SPEED AND ON "A" VALUE, THE CALCULATED LENGTH "L" = K X A

TO DETERMINE "S" WITH A GIVEN "L" AND "A", USE THE FOLLOWING:  
FOR S<L: S = 52.92 K, WHERE K=L/A  
FOR S>L: S = 1400/A = L/2

JANUARY 2006

STOPPING SIGHT DISTANCE

201-1E

REFERENCE SECTION  
201.2 & 201.2.1

HEIGHT OF EYE 3.50'

HEIGHT OF OBJECT 3.50'

SSD = 1.47V + 1.075V<sup>2</sup> + a

SSD = STOPPING SIGHT DISTANCE, FT;  
t = BRAKE REACTION TIME, 2.5s;  
V = DESIGN SPEED, MPH;  
a = DECELERATION RATE, 11.2 FT/s<sup>2</sup>

DESIGN SPEED (MPH)	DESIGN SSD (FT)	DESIGN SPEED (MPH)	DESIGN SSD (FT)
20	115	45	360
21	120	46	375
22	130	47	385
23	140	48	400
24	145	49	415
25	155	50	425
26	165	51	440
27	170	52	455
28	180	53	465
29	190	54	480
30	200	55	495
31	210	56	510
32	220	57	525
33	230	58	540
34	240	59	555
35	250	60	570
36	260	61	585
37	270	62	600
38	280	63	615
39	290	64	630
40	305	65	645
41	315	66	665
42	325	67	680
43	340	68	695
44	350	69	715
45	360	70	730

UTILITY ENCROACHMENT SUMMARY – EHP418_000				
SHEET NO.	APPROX. STATION	PROPERTY OWNER	DESCRIPTION OF UTILITY	TYPE OF IMPACT
4	2+65	OHIO RIVER PARTNERS SHAREHOLDER LLC	ORMET TWIN	CROSSING
4	3+07	OHIO RIVER PARTNERS SHAREHOLDER LLC	ORMET WET EXTENSION	CROSSING
4	3+96	OHIO RIVER PARTNERS SHAREHOLDER LLC	OVERHEAD ELECTRIC	CROSSING
5	50+36	OHIO RIVER PARTNERS SHAREHOLDER LLC	OVERHEAD ELECTRIC	CROSSING
5	51+07	OHIO RIVER PARTNERS SHAREHOLDER LLC	ORMET WET LINE	CROSSING
5	51+25	OHIO RIVER PARTNERS SHAREHOLDER LLC	ORMET WET EXTENSION	CROSSING
5	77+06	OHIO RIVER PARTNERS SHAREHOLDER LLC	HIGH KV OVERHEAD ELECTRIC	CROSSING
5	78+20	OHIO RIVER PARTNERS SHAREHOLDER LLC	HIGH KV OVERHEAD ELECTRIC	CROSSING
5	86+40	OHIO RIVER PARTNERS SHAREHOLDER LLC	FOREIGN GAS LINE	CROSSING
5	86+44	OHIO RIVER PARTNERS SHAREHOLDER LLC	WATERLINE	CROSSING
5	87+00	OHIO RIVER PARTNERS SHAREHOLDER LLC	FOREIGN GAS LINE	CROSSING
5	90+63	OHIO RIVER PARTNERS SHAREHOLDER LLC	POTENTIAL DOMINION GAS LINE	CROSSING
5	94+46	OHIO RIVER PARTNERS SHAREHOLDER LLC	OVERHEAD UTILITIES	

SPECIAL FEATURE SUMMARY – EHP418_000				
SHEET NO.	APPROX. STATION	PROPERTY OWNER	DESCRIPTION OF FEATURE	TYPE OF IMPACT
4	40+18	LASHLEY, WARREN H. & LINDA OR SURV.	SLIP	AVOID
5	93+60	OHIO RIVER PARTNERS SHAREHOLDER LLC	LIGHT POLE	AVOID
5	95+00	OHIO RIVER PARTNERS SHAREHOLDER LLC	UTILITY POLE	TO BE RELOCATED AS NEEDED
5	96+67	OHIO RIVER PARTNERS SHAREHOLDER LLC	UTILITY POLE	TO BE RELOCATED

ROADWAY SUMMARY – EHP418_000					
SHEET NO.	APPROX. STATION	ROAD NAME	ROAD DESIGNATION	SURFACE TYPE	TYPE OF IMPACT
4	3+31	LONG RIDGE ROAD	C.R. 43		CROSSING & ACCESS
5	86+79	OHIO RIVER SCENIC BYWAY	S.R. 7	PAVEMENT	CROSSING & ACCESS
5	93+83	ACCESS ROAD	PRIVATE		CROSSING & ACCESS

TICKET INFORMATION							UTILITY FACILITY OPERATORS RESPONSES																
REQUESTING SA	TICKET TYPE	TICKET/REF NO.	SUBMISSION DATE	ADDRESS/LOCATION DESCRIPTION	COUNTY	TOWNSHIP / BOROUGH	AGP	CTOP	EHTP	EOB	LEE	MWD	OBFP	ODT10	OPR	PII	SCPP	TAHP					
							AEP	COLUMBIA GAS	EUREKA	DOMINION ENERGY	OHIO & LEE	MONROE WATER											
							MONONGAHELA POWER	TRANSMISSION	MIDSTREAM LLC	OHIO - BELMONT	TOWNSHIP WATER	SYSTEMS	AT&T OHIO	ODOT DISTRICT 10	AEP OHIO POWER	COLUMBIA GAS OF OHIO	SOUTH CENTRAL POWER	TRIAD HUNTER LLC					
	DESIGN	B828200182	10/9/2018	39.708778, -80.845621 (INITIAL ROUTE)	MONROE	OHIO TWP	CLEAR - 10/9/18	FIELD MARKED - 10/9/18	FIELD MARKED - 10/10/18	Mapping available	FIELD MARKED - 10/10/18		CLEAR - 10/9/18	Clear - 10/9/18	CLEAR - 10/9/18	CLEAR - 10/9/18	CLEAR - 10/9/18	CLEAR - 10/9/18					
	DESIGN	B828201118	10/9/2018	39.708778, -80.845621	MONROE	OHIO TWP	CLEAR - 10/9/18	FIELD MARKED - 10/10/18	FIELD MARKED - 10/10/18	Mapping available	FIELD MARKED - 10/10/18	CLEAR - 10/15/18	CLEAR - 10/10/18		CLEAR - 10/9/18	CLEAR - 10/9/18	CLEAR - 10/10/18	CLEAR - 10/19/18					

OPERATOR CONTACT INFO											
AGP AEP MONONGAHELA POWER	CTOP COLUMBIA GAS TRANSMISSION	EHTP EUREKA MIDSTREAM LLC	EOB DOMINION ENERGY OHIO - BELMONT	LEE OHIO & LEE TOWNSHIP WATER	MWD MONROE WATER SYSTEMS	OBFP AT&T OHIO	ODT10 ODOT DISTRICT 10	OPR AEP OHIO POWER	PII COLUMBIA GAS OF OHIO	SCPP SOUTH CENTRAL POWER	TAHP TRIAD HUNTER LLC
			ANTHONY SCHMIDT	ERIC RITCHIE	JEFF YONTZ	TIMOTHY DURANT / DAVID L. BEUHNER (ENGINEERING)		DEBBIE HARRIS	COLUMBIAS GAS DAMANGE PREVENTION		
(866) 237-5028		740-868-1325			740-472-1030	614-312-4825		(866) 237-5028 / 614-883-7832	866-632-6243 / 740-671-8939		
			ANTHONY.J.SCHMIDT@DOMINIONENERGY.COM		WMS@GMN4U.COM	TD7354@ATT.COM / D87818@ATT.COM					
		27710 STATE ROUTE 7 MARIETTA, OH 45750	72041 UNIONTOWN-FLUSHING RD ST. CLAIRSVILLE, OH 43950			526 N 4TH ST MARIETTA, OH 45750		850 TECH CENTER DR GAHANA, OH 43230	5303 GUERNSEY STREET BELLAIRE, OH 43906		

1. THIS SHEET IS INTENDED TO BE PRINTED OUT 22" X 34".  
2. LEGEND IS TYPICAL. NOT ALL ITEMS IN LEGEND APPEAR IN DRAWING. ITEMS APPEARING IN DRAWING THAT DO NOT APPEAR IN LEGEND SHALL BE CLEARLY LABELED.



12" MAINLINE  
EQUITRANS MIDSTREAM  
OHIO TOWNSHIP, MONROE COUNTY, OH

DATE: 8/20/19 AFE No.:  
SCALE: AS NOTED SEGMENT ID:  
DRAWN BY: JNE  
CHECKED BY: NAK  
PROJECT ENGINEER: NAK  
PROJECT MANAGER: NAK  
PROJECT NUMBER: 102502114  
REV: 0



TOWNSHIP, COUNTY & STATE			
OWNERSHIP & TRACT NO.		(150030030000) OHIO RIVER PARTNERS SHAREHOLDER LLC	
ENVIRONMENTAL/ VEGETATION		UTILITY CLEARING UTILITY CLEARING ROAD CROSSING UTILITY CLEARING/ ADJACENT TREE CLEARING 243 LF UTILITY CLEARING	
STATIONING & TRAVERSE ANGLES		0+05.00 PI 90°46'00" LT 1+01.44 PI 1°40'10" LT 1+99.91 PI 4°30'10" LT 2+36.36 PI 7°54'30" LT 3+72.23 PI 23°48'40" RT 5+92.85 PI 13°16'00" LT 6+34.55 PI 10°11'50" RT 7+15.03 PI 20°56'30" RT 7+65.30 PI 37°49'40" RT 8+45.65 PI 3°46'20" RT 9+25.53 PI 11°23'10" LT 10+44.92 PI 15°07'20" LT 11+51.69 PI 20°03'00" LT 12+32.75 PI 15°04'50" LT 13+30.57 PI 6°16'10" LT 15+00.70 PI 6°33'20" LT 16+76.09 PI 5°12'40" RT 18+14.23 PI 13°36'00" RT 19+43.67 PI 4°37'00" RT 20+32.91 PI 1°05'00" RT 21+85.73 PI 11°08'30" RT 22+01.96 PI 18°06'40" RT 23+57.73 PI 1°50'20" RT 25+71.82 PI 0°31'30" LT 26+54.04 PI 4°35'00" RT 27+39.51 PI 12°21'30" RT 28+81.86 PI 0°30'20" LT 30+40.07 PI 4°57'10" RT 33+85.82 PI 3°48'10" LT 34+72.34 PI 11°03'20" LT 35+85.76 PI 20°26'10" LT 37+89.77 PI 36°07'20" LT 39+47.92 PI 6°10'50" LT 40+85.82 PI 2°26'40" RT 41+82.07 PI 10°21'20" RT	
ALIGNMENT			
PIPELINE PROFILE			
DESIGN CLASS			
LOCATION			
DESIGN FACTOR			
ANSI RATING			
HYDROSTATIC TEST PRESSURE (PSIG)			
PIPE DETAIL			
1. THIS SHEET IS INTENDED TO BE PRINTED OUT 22" X 34". 2. LEGEND IS TYPICAL. NOT ALL ITEMS IN LEGEND APPEAR IN DRAWING. ITEMS APPEARING IN DRAWING THAT DO NOT APPEAR IN LEGEND SHALL BE CLEARLY LABELED.			
		12" MAINLINE EQUITRANS MIDSTREAM OHIO TOWNSHIP, MONROE COUNTY, OH	
DATE: 8/26/19 SCALE: AS NOTED DRAWN BY: JME CHECKED BY: NAK PROJECT ENGINEER: NAK PROJECT MANAGER: NAK		DATE: 8/26/19 SCALE: AS NOTED DRAWN BY: JME CHECKED BY: NAK PROJECT ENGINEER: NAK PROJECT MANAGER: NAK	
NO.		DESCRIPTION	
QTY		NO.	
DATE		DESCRIPTION	
BY		CH'D.	
PROJ. ENGR.		ENG. APPR.	
PROJECT NUMBER: 102502114		REV. 0	



**This foregoing document was electronically filed with the Public Utilities**

**Commission of Ohio Docketing Information System on**

**11/19/2019 3:20:03 PM**

**in**

**Case No(s). 19-1742-GA-BLN**

Summary: Letter of Notification Attachment J (Part 1 of 3) electronically filed by Mr. Michael J. Settineri on behalf of Long Ridge Energy Generation LLC