



Floodplain Development Permit

Doddridge County, WV Floodplain Management

This permit gives approval for the development/ project listed that impacts the FEMA-designated floodplain and/or floodway of Doddridge County, WV, pursuant to the rules and regulations established by all applicable Federal, State and local laws and ordinances, including the Doddridge County Floodplain Ordinance. This permit must be posted at the site of work as to be clearly visible and must remain posted during entirety of development.

Permit: #19-546

Date Approved: April 22, 2019

Expires: April 22, 2020

Issued to: Dominion Energy

POC: Cristie D. Neller

Company Address: 707 E. Main Street Richmond, VA 23219

Project Address: See Attached

Firm: See Attached

Lat/Long: See Attached

Purpose of Development: Supply Header Pipeline Project

Issued by: George C. Eidel, CFM, OEM Director/Doddridge County FPM (or designee)

Date: April 22, 2019

For additional information regarding this permit, please contact
Doddridge County Floodplain Manager at 304.873.2631, or via email at
doddridgecountyfpm@gmail.com
118 East Court Street; West Union, WV 26456

Permit Number	Crossing Name	Coordinates	FIRM Panel Number
17-491 (a)	McElroy Creek	39.39296111 N; -8063759722W	54017C0045C
17-491 (b)	Long Run	39.27676667 N; -80.63356667W	54017C0145C
17-491 (c)	Buffalo Calf Fork	39.25943333 N; -80.61926111W	54017C0165C
17-491 (d)	Greenbrier Creek	39.24445556 N; -80.61194444 W	54017C0255C
17-491 (e)	Buckeye Creek	39.23006389 N; -80.60833333 W	54017C0255C
17-491 (f)	Meathouse Fork	39.19233333 N; -80.58305556 W	54017C0045C

Dominion Energy – Atlantic Coast Pipeline Supply Header Pipeline Project (SHP)

Floodplain Permit Number

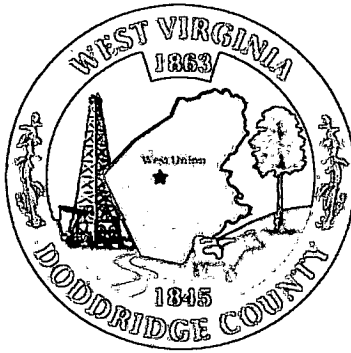
Old FP #17-491

New FP #19-546

FLOODPLAIN PERMIT #19-546

Dominion Energy ACP Header Supply Project Renewal of #17-491

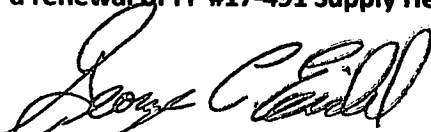
TASK	COMPLETE (DATE)	NOTES
<i>CHECK RECEIVED</i>	3/18/2019	
<i>US ARMY CORP. ENGINEERS (USACE)</i>		
<i>US FISH & WILDLIFE SERVICES (USFWS)</i>		
<i>WV DEPT. NATURAL RESOURCES (WVDNR)</i>		
<i>WV DEPT. ENVIROMENTAL PROTECTION (WVDEP)</i>		
<i>STATE HISTORIC & PRESERVATION OFFICE (SHPO)</i>		
<i>OFFICE of LAND & STREAM (OLS)</i>		
<i>DATE OF COMMISSION READING</i>	4/2/2019	
<i>DATE AVAILABLE TO BE GRANTED</i>	4/22/2019	
<i>PERMIT GRANTED</i>		
<i>COMPLETE</i>		



Doddridge County Floodplain Permits

(Week of March 25, 2018)

Please take notice that on the **(18th) of (March), 2019, (Dominion Energy)** filed an application for a Floodplain Permit **(#19-546)** to develop land located at or about **(Doddridge County); Coordinates: See Attached List**. The Application is on file with the Floodplain Manager of the County and may be inspected or copied during regular business hours in accordance to WV Code Chapter 29B Freedom of Information, Article 1 Public Records and county policy and procedures. Any interested persons who desire to comment shall present the same in writing by **(April 2, 2019)** (20 calendar days after the announcement at the regularly scheduled Doddridge County Commission Meeting) delivered to the Floodplain Manager of the County at 105 Court Street, Suite #3, West Union, WV 26456. **This project is a renewal of FP #17-491 Supply Header Pipeline Project**



GEORGE C. EIDEL, CFM

Doddridge County Floodplain Manager

ERM

1701 Golf Road
Suite 1-700
Rolling Meadows, IL
60008-4242

Telephone: +1 847 258 8900
Fax: +1 847 258 8901
www.erm.com

March 15, 2019

County of Doddridge
Attn: George C. Eidel
101 Church Street Suite 102
West Union, WV 26456



Mr. Eidel,

Enclosed please find a check in the amount of \$1,325.00 for the application fee in reference to the Dominion Energy Transmission, Inc., (Dominion Energy) Supply Header Project (SHP) Doddridge County Floodplain Development Permit Application cover letter dated March 5, 2019.

Yours sincerely,

Lauren Zielke

Lauren Zielke

Senior Project Manager

FP # 19-546
Renewal of #17-491

Payment
made
3/18/19

MAR 18 19 11:42AM

Dominion Header Supply Pipeline

FP# 19-546

Parcel ID	Name	Parcel Address	Mailing Address	City, State, Zip	Notes
04 10001800000000	Clarence Trent Jr and Deborah E		1054 Wolf Pen Rd	New Milton, WV 26411	Directly Affected
04 10001100020000	Nestor Marshall B Jr & Judith A (Surv)		1 First American Way	Westlake, TX 76262	Adjacent Property
04 10001900000000	Crestwood Marcellus Midstream LLC	RT 25/11 Salem	801 Cherry St	Fort Worth, TX 76102	Adjacent Property
04 10002600000000	Fidler Franklin Kirby	Route 25/11	935 Needmore Rd	Roopville, GA 30170	Adjacent Property
04 90001000000000	Bixos Kristin Loel Rexroad	Route 46	P.O. Box 418	Babb, MT 59411	Adjacent Property
04 90004000000000	Queen D Brent & Donald Crawford	3 Salem RT 46 Rd		Follansbee, WV 26037	Adjacent Property
06 13002000000000	Moran Kenneth P & Ronda J (Surv)	Off RT 25/7	1054 Wolf Pen Rd	New Milton, WV 26411	Adjacent Property
04 15000100000000	Stephen W Trent and Remonda L (SURV)	RR3 Salem Rt 25	14 Millbrook Road	Bridgeport, WV 26330	Directly Affected
04 15000100010000	Trent Clarence Jr	Route 25	22384 Case Ct	Macomb, MI 48044	Adjacent Property
04 15000200010000	Jenkins Larry B Et UX	Route 25	10471 Meathouse Fork Rd	Salem, WV 26426	Adjacent Property
04 15000200000000	Freeman Teresa G	25 Salem Rd	10609 Meathouse Fork Rd	Salem, WV 26426	Adjacent Property
04 15000300000000	Mcmillan William N	3 Salem Rt 25 Rd	7804 Cherry Orchard Ct	Springfield, VA 22153	Adjacent Property
04 15001000000000	Carder Hobert & Homer G	Route 25	P.O. Box 17	Salem, WV 26426	Adjacent Property
04 15003100000000	Bee Lowell P & Sharon D	RT 27	9844 Meathouse Fork Rd	Salem, WV 26426	Directly Affected Repeat
04 14001700030000	Lynch Donald H	Route 25	9817 Meathouse Fork Rd	Salem, WV 26426	Adjacent Property
04 14001700010000	Lynch Roderick T Et Ux	Route 25	9777 Meathouse Fork Rd	Salem, WV 26426	Adjacent Property
04 14001700020000	Sembello William J Jr & Phyllis M & William III (Surv)	Route 25		Buckhannon, WV 26201	Adjacent Property
04 14005300000000	Smith Thomas & Kimberly R (Surv)		PO Box 1022, SV-24	Van Nuys, CA 91410	Adjacent Property
04 15002900000000	Lowell P Bee and Sharon D	Route 25/13	9844 Meathouse Fork Rd	Salem, WV 26426	Adjacent Property
04 15003200000000	Bee Lowell P & Sharon D	Route 27	9844 Meathouse Fork Rd	Salem, WV 26426	Adjacent Property Repeat
04 15001300000000	Bee Lowell P & Sharon D (Surv)	Route 27	9844 Meathouse Fork Rd	Salem, WV 26426	Adjacent Property Repeat
04 15002700000000	Bee Lowell P & Sharon D (Surv)	Route 27	9844 Meathouse Fork Rd	Salem, WV 26426	Adjacent Property Repeat
04 15002800000000	Bee Lowell P & Sharon D (Surv)	Route 25/13	9844 Meathouse Fork Rd	Salem, WV 26426	Adjacent Property Repeat
04 15003000000000	Bee Lowell P & Sharon D (Surv)	Route 25/13	9844 Meathouse Fork Rd	Salem, WV 26426	Adjacent Property Repeat
04 15002600000000	Bee Lowell P & Sharon D (Surv)	Route 25/13	9844 Meathouse Fork Rd	Salem, WV 26426	Adjacent Property Repeat
04 70016000000000	Jeffrey A Mills and Penelope B	Off Rt 15	1083 Miletus Rd	Salem, WV 26426	Directly Affected
04 70011000000000	Mills Jeffery A & Penelope B	Route 15	1083 Miletus Rd	Salem, WV 26426	Adjacent Property Repeat
04 70011000100000	Mills Jeffery A Et Ux	Route 15	1083 Miletus Rd	Salem, WV 26426	Adjacent Property Repeat
04 70060000000000	Mills Jeffery A & Penelope B (Surv)	Route 15/11	1083 Miletus Rd	Salem, WV 26426	Adjacent Property Repeat
04 70012000000000	Mills Jeffery A & Penelope B	15 Salem Rd	1083 Miletus Rd	Salem, WV 26426	Directly Affected Repeat
04 70015000100000	Campbell Richard & Chantel (Surv)	Route 15	2550 West Field	Elgin, IL 60123	Adjacent Property
04 70020000300000	Underwood Charles R II & Leslie A (Surv)		PO BOX 85188	Richmond, VA 23286	Adjacent Property
04 70020000200000	Lang Inge M		1501 Miletus Rd	Salem, WV 26426	Adjacent Property
04 70020000400000	Crabbe Quanita M		5712 Goodstone Dr	Raleigh, NC 27616	Adjacent Property
04 70020000000000	Snider Paul Randall & Elaine M Starkey (Surv)	Route 15	1687 Miletus Rd	Salem, WV 26426	Adjacent Property
04 70013000000000	Dolly Stephen E & Barbara S (Surv)	Route 15/3	187 Elder Camp Rd	Salem, WV 26426	Adjacent Property
04 70005000000000	Mutschelknaus, Clarence W Etal	Route 15/11	PO Box 351	Salem, WV 26426	Adjacent Property
04 70012000100000	Nicholson Alan & Michelle (Surv)	Route 15	52 Keams Rd	Bristol, WV 26426	Adjacent Property
04 70017000000000	McKinney Karen Sue	3 Salem Rt 15 Rd		Salem, WV 26426	Adjacent Property
04 70024000000000	Law Linda Joy	3 Salem Rt 46/2 Rd	78 Meadowview Rd	Salem, WV 26426	Adjacent Property Repeat
04 70023000000000	Hardman Robert O Et UX	Off Rt 15		Bridgeport, WV 26330	Adjacent Property
04 70024000000000	Francis Eugene Law and Linda Joy (SURV)	3 Salem Rt 46/2 Rd	78 Meadowview Rd	Salem, WV 26426	Directly Affected
04 70016000000000	Mills Jeffery A & Penelope B	Off Rt 15	1083 Miletus Rd	Salem, WV 26426	Adjacent Property Repeat
04 70017000000000	McKinney Karen Sue	3 Salem Rt 15 Rd		Salem, WV 26426	Adjacent Property Repeat

04 7002500000000	Hnotkow Walter J & Muriel E (Surv)	3 Salem Rt 15 Rd	23 Meadowview Rd	Salem, WV 26426	Adjacent Property	
04 7003300000000	Frey Archie Ross	3 Salem Rt 46 2 Rd		Dayton, OH 45416	Adjacent Property	
04 7003200000000	Mackey Christopher & Nina Nutter	Rt 46 2	RR 4 Box 362	Salem, WV 26426	Adjacent Property	
04 7002300000000	Hardman Robert O Et UX	Off Rt 15		Bridgeport, WV 26330	Adjacent Property	Repeat
04 4002100000000	Gary Martin and Rebecca M	Route 17	4294 Greenbrier Rd	Salem, WV 26426	Adjacent Property	
04 7000100060000	Clevenger Richard D & Marguerite A	Route 15	3730 Greenbrier Rd	Salem, WV 26426	Adjacent Property	
04 4001800010000	Travis Demetrius D		98 Liberty Street	Salem, WV 26426	Adjacent Property	
04 4001400000000	Bowen Lola Et Al	Route 17	4502 Greenbrier Rd	Salem, WV 26426	Directly Affected	
04 4002200000000	Board of Education		103 Sistersville Pike	West Union, WV 26456	Directly Affected	
04 4002300000000	Stout Benjamin T & Lisa A (Surv)	Route 17	4749 Greenbrier Rd	Salem, WV 26426	Directly Affected	
04 4001500000000	Stout Benjamin Theodore	Route 17	4749 Greenbrier Rd	Salem, WV 26426	Adjacent Property	
04 4001500010000	Stout Benjamin T & Lisa A (Surv)		4749 Greenbrier Rd	Salem, WV 26426	Adjacent Property	
04 4002500010000	Stout Benjamin T & Lisa A (Surv)	Route 17	4749 Greenbrier Rd	Salem, WV 26426	Adjacent Property	
04 4002400000000	Stout Douglas B Sr & Brenda L (Surv)	Route 17	154 Rhododendron Ln	Buckhannon, WV 26201	Adjacent Property	
04 7000040000000	Nicholas Anthony R	Off Rt 15	635 Miletus Rd	Salem, WV 26426	Adjacent Property	
04 7000300010000	Nicholas Anthony R	Rt 15	635 Miletus Rd	Salem, WV 26426	Adjacent Property	Repeat
04 7000200000000	Meek Charles David	1 Salem Rd	302 Miletus Rd	Salem, WV 26426	Adjacent Property	
04 7000100010000	Devinney Michael K & Michelle L (Surv)	1 Salem Rd	22 Miletus Rd	Salem, WV 26426	Adjacent Property	
04 7001000500000	Chumley Carolyn	Route 17	4186 Greenbrier Rd	Salem, WV 26426	Adjacent Property	
04 4000400020000	William B Wells and Cathy D (SURV)	Route 42		Salem, WV 26426	Directly Affected	
04 4000600000000	Plaughter Carolyn M	Route 42	2335 Buffalo Calf Rd	Salem, WV 26426	Adjacent Property	
04 4000500000000	Wells William B & Cathy D (Surv)	Route 42		Salem, WV 26426	Adjacent Property	
04 4001200010000	Wells William B & Cathy D (Surv)	Route 42		Salem, WV 26426	Adjacent Property	Repeat
04 4001000000000	Garwood Betty D	Route 42	1452 Buffalo Calf	Salem, WV 26426	Adjacent Property	
04 4001000020000	Garwood Betty D	Route 42	1452 Buffalo Calf	Salem, WV 26426	Directly Affected	Repeat
04 4000100010000	Garwood Betty D	Route 42	1452 Buffalo Calf	Salem, WV 26426	Adjacent Property	Repeat
04 4000400010000	Mcie Deborah	Route 42	1614 Buffalo Calf Rd	Salem, WV 26426	Adjacent Property	
04 4003100000000	Ross Mike Inc		P.O. Box 219	Coalton, WV 26257	Adjacent Property	
04 4000100000000	Ross Mike Inc	Route 42	P.O. Box 219	Coalton, WV 26257	Adjacent Property	
04 2000900030000	Johnson Anthony B & Chad W		109 Platinum Dr	Bridgeport, WV 26330	Adjacent Property	
04 4000400030000	Zinn W Fred & Venita F (Surv)	Route 42	1842 Buffalo Calf Rd	Salem, WV 26426	Adjacent Property	
04 4000400050000	Wells William B & Cathy D (Surv)	Route 42/3		Salem, WV 26426	Directly Affected	Repeat
04 2000900020000	McCarty William B		1731 Buffalo Calf Rd	Salem, WV 26426	Adjacent Property	
04 2000900010000	McCarty William B	Route 42/3	1731 Buffalo Calf Rd	Salem, WV 26426	Adjacent Property	Repeat
04 2000900000000	Wells William B & Cathy D (Surv)	Route 42/3		Salem, WV 26426	Adjacent Property	Repeat
04 4000400040000	Henry A Ahouse Jr & Kimberly R (SURV)	Route 42	93 Penny Ln	Salem, WV 26426	Directly Affected	
04 4001000010000	Betty D Garwood	Route 42	1452 Buffalo Calf	Salem, WV 26426	Adjacent Property	Repeat
04 4003000000000	Garwood Betty D	Route 42	1452 Buffalo Calf	Salem, WV 26426	Adjacent Property	Repeat
04 4001000020000	Garwood Betty D	Route 42	1452 Buffalo Calf	Salem, WV 26426	Adjacent Property	Repeat
04 4001000000000	Garwood Betty D	Route 42	1452 Buffalo Calf	Salem, WV 26426	Directly Affected	Repeat
04 4000300000000	Pleasant Hill M P Church	Route 42			Adjacent Property	
04 4001400000000	Bowen Lola Et Al	Route 17	4502 Greenbrier Rd	Salem, WV 26426	Adjacent Property	Repeat
04 4001400020000	Trent Jason S & Pamela M (Surv)		166 John Trent Rd	Salem, WV 26426	Adjacent Property	
03 21000100070000	Jason Powers & Jennifer L (Trickett) (SURV)	Long Run Rd	3960 Salem Long Run Rd	Salem, WV 26426	Directly Affected	
03 21000100050000	Jason Powers & Jennifer L (Trickett) (SURV)	Long Run Rd	3960 Salem Long Run Rd	Salem, WV 26426	Adjacent Property	

03 21003400000000	WV Railroad Maintenance Authority			Moorefield, WV 26836	Adjacent Property	
03 21000100000000	Powers Jason S & Jennifer L (Surv)	Long Run Rd	3960 Salem Long Run Rd	Salem, WV 26426	Adjacent Property	Repeat
03 21001000000000	Hammett Samuel & Sherri L (Surv) & Robert E Hammett	Off Long Run Rd		Waverly, WV 26184	Adjacent Property	
03 20006800000000	Powers Jason S & Jennifer L (Trickett) (Surv)		3960 Salem Long Run Rd	Salem, WV 26426	Directly Affected	Repeat
03 20006900000000	Powers Jason S & Jennifer L (Trickett) (Surv)		3960 Salem Long Run Rd	Salem, WV 26426	Adjacent Property	Repeat
03 20003400020000	Ash Roy D & June L (Surv)		3682 Salem Long Run	Salem, WV 26426	Adjacent Property	
03 20001800010000	Mayles Ona Et Al	Long Run Rd	3709 Salem Long Run Rd	Salem, WV 26426	Adjacent Property	
03 20006600000000	Chippis Perry W		984 Sunnyside Rd	West Union, WV 26456	Adjacent Property	
03 20005400000000	Fox Gilberta Mae	Long Run Rd	180E Main St	Salem, WV 26426	Adjacent Property	
03 21000100000000	Wilson Elizabeth F	Long Run Rd	230 Liberty Ave	Clarksburg, WV 26301	Adjacent Property	
03 20004400000000	Roberta J Martin	Long Run Rd	38 Hide Away Ln	Salem, WV 26426	Adjacent Property	
03 20002800000000	Martin Roberta J	Long Run Rd	38 Hide Away Ln	Salem, WV 26426	Directly Affected	Repeat
03 20002700000000	Mckinney Jefferey E	Long Run Rd	3 Hide Away Ln	Salem, WV 26426	Directly Affected	Repeat
04 30010000000000	Roleson Richard B & Linda (Surv)	Route 42	921 Buffalo Calf Rd	Salem, WV 26426	Adjacent Property	
03 20006000000000	WV Railroad Maintenance Authority			Moorefield, WV 26836	Adjacent Property	
05 18000600000000	Lois Jean Braun	Route 23	9699 WV Route 23	West Union, WV 26456	Directly Affected	
05 18004300000000	Timothy H Dixon and Beth A (Surv)	Route 23	114 Leslie Ln	Yorktown, VA 23693	Directly Affected	Repeat
05 18000600000000	Braun Lois Jean	Route 23	9699 WV Route 23	West Union, WV 26456	Adjacent Property	Repeat
05 18001200000000	Dixon Charles H Elaine Sue Timothy H & Beth A (Surv)	Route 23	1848 Green Ave	Clarksburg, WV 26301	Directly Affected	
05 18001500000000	Sullivan James SR & Ellen Joan (Surv)	Route 23	91 Antioch Rd	Salem, WV 26426	Directly Affected	
05 18002600000000	Wiles Carl (Life)	Route 23	9007 WV Rt 23	Center Point, WV 26339	Adjacent Property	
05 18002700000000	Haug Robert M & Dawn C Friello	Route 23	204 Chevront Ave	West Union, WV 26456	Adjacent Property	
05 18004900000000	Sandora Ralph Jr	Route 55/8	276 Nazareth Farm Rd	Salem, WV 26426	Adjacent Property	
05 18004200000000	Bates Mary Let Al	Route 5/2	10225 WV Rt 23	West Union, WV 26456	Adjacent Property	
05 18000400000000	Homer L Moore (Life) & Forest C Moore	Route 23	166 Homer Lee Drive	West Union, WV 26456	Adjacent Property	
05 18000700010000	Larry D Law	Route 23	P.O. Box 193	West Union, WV 26456	Adjacent Property	
05 12001900000000	Glaspell Mary L	Franks Run Rt 6 Rd	14723 WV Route 23	West Union, WV 24656	Adjacent Property	
05 12004700010000	Larry D Law	Talkington Fork Rt 1 Rd	P.O. Box 193	West Union, WV 24656	Adjacent Property	Repeat
05 18000700020000	WV Dept of Transportation N Division of Highways	Route 23	P.O. Box 2570	Clarksburg, WV 26302	Adjacent Property	
05 18000700000000	Larry D Law	Route 23	P.O. Box 193	West Union, WV 24656	Directly Affected	Repeat
05 18002000000000	Nicholson Barbara J	Route 23	P.O. Box 63	Salem, WV 26426	Adjacent Property	
05 18000900000000	Sweeney Charles A	Route 23	208W North Street	Harrisville, WV 26362	Adjacent Property	
05 18001800000000	Mckinney Shelby & Alessia A (Surv)	Route 23	1332 Canton Rd	West Union, WV 26456	Adjacent Property	
05 18002100000000	Edgell Jeffrey L	Route 23	274 Walnut Creek Rd	Salem, WV 26426	Adjacent Property	
05 18002200000000	Baker Mary K	Route 23	1756 WV RT 23	Salem, WV 26426	Adjacent Property	

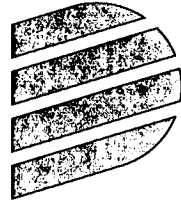
**Dominion
Energy**



SUPPLY HEADER PROJECT

Doddridge County Floodplain Permit Application

March 2019



**Dominion
EnergySM**

Supply Header Project

**Doddridge County, West Virginia
Floodplain Permit Application**

March 2019



BY OVERNIGHT (OR EXPRESS) MAIL

March 5, 2019

Mr. George Eidel
Floodplain Manager
Doddridge County Office of Emergency Management
101 Church Street Suite 102
West Union, WV 26456

**RE: Dominion Energy Transmission, Inc. (Dominion Energy) Supply Header Project (SHP)
Doddridge County Floodplain Development Permit Application**

Dear Mr. Eidel:

Please accept Dominion Energy's Floodplain Permit application for review for approximately 1.16 miles of Federal Emergency Management Agency (FEMA) identified floodplain crossings in Doddridge County with a 30-inch diameter underground interstate natural gas pipeline and access roads. These crossings will involve the installation of 0.54 miles of pipeline, and 0.62 miles of access roads. Additionally, there will be two temporary contractor yards with 2.5 acres located within floodplains. This permit application was previously submitted on October 17, 2017 and approved on March 15, 2018. As the permit has expired, Dominion is resubmitting the application for your review and approval.

On October 13, 2017, Dominion Energy received a Certificate of Public Convenience and Necessity (Certificate) from the Federal Energy Regulatory Commission (FERC) under Section 7(c) of the Natural Gas Act (NGA) to construct, own, operate, and maintain a proposed 37.5-mile natural gas pipeline in West Virginia in order to provide safe, dependable natural gas service for current and future customers in the Mid-Atlantic. The SHP will loop (add additional capacity and be connected to) and generally be located adjacent to an existing Dominion Energy natural gas pipeline (Line No. TL-360).

The SHP is being developed in conjunction with the Atlantic Coast Pipeline (ACP). Dominion Energy will be a Foundation Shipper in the SHP, and will utilize the SHP capacity to allow its shippers access to natural gas supplies from various Dominion Energy receipt points for further delivery to points along the ACP. The ACP is a proposed natural gas transmission system that would serve the growing energy needs in the Mid-Atlantic including West Virginia, Virginia, and North Carolina. The natural gas transported by the SHP and ACP will be used to generate electricity, heat homes, run local businesses and increase the reliability and security of natural

gas supplies in Virginia, West Virginia and North Carolina. The SHP will cross through approximately 1.16 miles of floodplains in Doddridge County.

Interstate natural gas companies such as Dominion Energy are regulated by the FERC. Under Section 7 of the Natural Gas Act, FERC determines whether interstate natural gas transportation facilities are in the public convenience and necessity and, if so, grants a Certificate to construct and operate the facilities.

FERC is an independent regulatory agency and therefore conducts a complete independent review of project proposals, including an environmental review of the proposed facilities under the National Environmental Policy Act of 1969, 42 U.S. C. §4321 *et seq.* (NEPA). FERC bases its decision on technical competence, financing, rates, market demand, gas supply, environmental impact, long-term feasibility, and other issues concerning a proposed project.¹ On September 18, 2015, Dominion Energy and Atlantic Coast Pipeline, LLC (Atlantic) filed an Application with FERC for a Certificate for the SHP and ACP, to which FERC issued a Notice of Application on October 2, 2015.² A proposed route for the SHP across Doddridge County was preliminarily selected by the FERC pursuant to the Final Environmental Impact Statement (FEIS) issued on July 21, 2017. On October 13, 2017 Atlantic received its Certificate from FERC.

Also, during the FERC Application phase, applicants desire, and are encouraged, to cooperate with state and local governments to address any state or local aspects of a proposed project under FERC review.³ Consistent with this approach and through consultations with Doddridge County officials, Dominion Energy understands that it is its responsibility to submit a Floodplain Permit application.

To address these floodplain crossings, Dominion Energy is requesting your review and approval of the items attached which are made part of this application:

- Attachment 1, Completed Floodplain Development Permit Application
- Attachment 2, Statement of Justification
- Attachment 3, Site Plan and No-Rise Certificates
- Attachment 4, Adjacent Property Owner Information

1 The FERC process can be followed through FERC's website at www.ferc.gov. You can query using the FERC docket numbers for the ACP project, CP15-554-000 and CP15-554-001.

2 On March 14, 2016, Atlantic filed an Amendment to the Application with FERC to incorporate route changes that would minimize the impact of the ACP on affected landowners and communities and on the environment. On March 22, 2016, FERC issued its Notice of Amendment to the Application.

3 A typical FERC Order issuing a Certificate contains a statement similar to the following: "Any state or local permits issued with respect to the jurisdictional facilities authorized herein must be consistent with the conditions of this certificate. The Commission encourages cooperation between interstate pipelines and local authorities. However, this does not mean that state and local agencies, through application of state or local laws, may prohibit or unreasonably delay the construction or operations of the facilities approved by this Commission."

Mr. George Eidel
March 5, 2019
Page 3 of 3

In addition to the attachments, you will also find a check for the application fee and the "Deposit for Expenses" made payable to the County of Doddridge. Dominion Energy also understands that it is responsible for payment to Doddridge County for any expenses and costs for services necessary for review and/or inspection of the permit application and the attachments for the Project.

Subject to the receipt of required approvals, Project construction in Doddridge County is scheduled for September 2019 through September 2020. Once pipeline construction is complete, the original topographic conditions and contours will be restored. In addition, temporary access roads and temporary contractor yards will be returned to their pre-existing conditions or to conditions in accordance with landowner agreements.

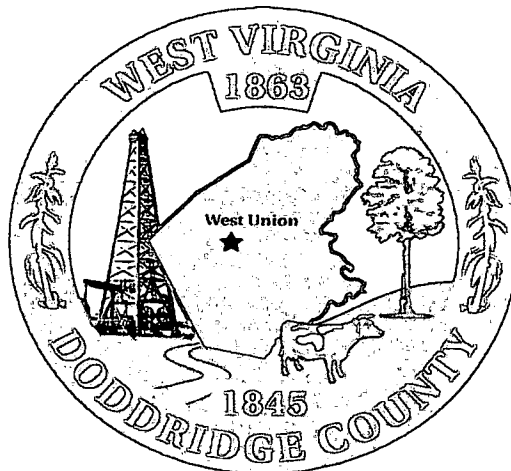
Dominion Energy looks forward to coordinating with you on this Project. Should you have any questions or concerns, please contact Rick Weeks at 804-347-0623 or email at richard.f.weeks@dominionenergy.com.

Respectfully submitted,



Cristie D. Neller
Vice President, Easter Pipeline Engineering and Construction

Cc: Rick Weeks (Dominion)



Permit# 19-546
Project Name: ACP Header Supply
Permittees Name: DOMINION

Renewal of FP # 17-491

Doddridge County, WV

Floodplain Development Permit Application

10/13/19 12:00PM

This document is to be used for projects that impact/potentially impact the FEMA--designated floodplain and/or floodway of Doddridge County, WV pursuant to the rules and regulations established by all applicable Federal, State and local laws and ordinances, including the Doddridge County Floodplain Ordinance.

SECTION 1: GENERAL PROVISIONS (APPLICANT TO READ AND SIGN)

1. No work may start until a permit is issued.
2. The permit may be revoked if any false statements are made herein.
3. If revoked, all work must cease until permit is re-issued.
4. Development shall not be used or occupied until a Certificate of Compliance is issued.
5. The permit will expire if no work is commenced within six months of issuance.
6. Applicant is hereby informed that other permits may be required to fulfill local, state, and federal requirements.
7. Applicant hereby gives consent to the Floodplain Administrator/Manager or his/her representative to make inspections to verify compliance.
8. I THE APPLICANT CERTIFY THAT ALL STATEMENTS HEREIN AND IN ATTACHMENTS TO THIS APPLICATION ARE, TO THE BEST OF MY KNOWLEDGE, TRUE AND ACCURATE.

APPLICANT'S SIGNATURE _____

DATE _____

3/12/19

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Applicant Information:

Please provide all pertinent data.

Applicant Information		
Responsible Company Name: Dominion Energy Transmission, Inc.		
Corporate Mailing Address: 707 East Main Street		
City: Richmond	State: VA	Zip: 23219
Corporate Point of Contact (POC): Cristie D. Neller		
Corporate POC Title: Vice President, Eastern Pipeline Engineering and Construction		
Corporate POC Primary Phone: 804-347-0623		
Corporate POC Primary Email: richard.f.weeks@dominionenergy.com		
Corporate FEIN:	Corporate DUNS:	
Corporate Website: DominionEnergy.com		
Local Mailing Address: N/A		
City:	State:	Zip:
Local Project Manager (PM): N/A		
Local PM Primary Phone:		
Local PM Secondary Phone:		
Local PM Primary Email:		
Person Filing Application: Rick Weeks		
Applicant Title: Services Company Contractor, Dominion Energy Services Inc.		
Applicant Primary Phone: 804-347-0623		
Applicant Secondary Phone:		
Applicant Primary Email: richard.f.weeks@dominionenergy.com		

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Proposed Development:

Please check all elements of the proposed project that apply.

DESCRIPTION OF WORK (CHECK ALL APPLICABLE BOXES)

A. STRUCTURAL DEVELOPMENT

<u>ACTIVITY</u>		<u>STRUCTURAL TYPE</u>	
<input checked="" type="checkbox"/>	New Structure	<input type="checkbox"/>	Residential (1 – 4 Family)
<input type="checkbox"/>	Addition	<input type="checkbox"/>	Residential (more than 4 Family)
<input type="checkbox"/>	Alteration	<input checked="" type="checkbox"/>	Non-residential (floodproofing)
<input type="checkbox"/>	Relocation	<input type="checkbox"/>	Combined Use (res. & com.)
<input type="checkbox"/>	Demolition	<input type="checkbox"/>	Replacement
<input type="checkbox"/>	Manufactured/Mobil Home		

B. OTHER DEVELOPMENT ACTIVITIES:

- Fill Mining Drilling Pipelining
- Grading
- Excavation (except for STRUCTURAL DEVELOPMENT checked above)
- Watercourse Alteration (including dredging and channel modification)
- Drainage Improvements (including culvert work)
- Road, Street, or Bridge Construction
- Subdivision (including new expansion)
- Individual Water or Sewer System
- Other (please specify)

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Development Site/Property Information:

Please provide physical description of the site/property, along with pertinent ownership (surface and mineral rights) data as applicable. Attach appropriate maps from the WV Flood Tool showing location of proposed development. Use additional copies of this page if development spans multiple property boundaries. Designate each property by number (i.e. Property 1 of 1, Property 2 of 7, etc.)

Property Designation: ___ of ___

Site/Property Information:		
Legal Description: See attached Site Plan and No-Rise Certificates		
Physical Address/911 Address:		
Decimal Latitude/Longitude:		
DMS Latitude/Longitude:		
District:	Map:	Parcel:
Land Book Description:		
Deed Book Reference:		
Tax Map Reference:		
Existing Buildings/Use of Property:		

Floodplain Location Data: (to be completed by Floodplain Manager or designee)			
Community:	Number:	Panel:	Suffix:
Location (Lat/Long):		Approximate Elevation:	
		Estimated BFE:	
Is the development in the floodway?		Is the development in the floodplain?	
Yes No	Yes No Zone: _____		
Notes: See attached Site Plan and No-Rise Certificates			

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Property Owner Data:

Please provide data on current site/property landowner(s), both surface and mineral rights (as applicable). Use additional copies of this page as needed. Designate each page in relation to each property listed above.

Property Designation: ____ of ____

Property Owner Data:		
Name of Primary Owner (PO): Dominion Energy Transmission Inc., Cristie D. Neller, Vice President, Eastern Pipeline Engineering and Construction		
PO Address: 707 E. Main Street		
City: Richmond	State: VA	23219
PO Primary Phone: 804-347-0623		
PO Secondary Phone:		
PO Primary Email: richard.f.weeks@dominionenergy.com		

Surface Rights Owner Data:		
Name of Primary Owner (PO): NA		
PO Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Mineral Rights Owner Data: (As Applicable)		
Name of Primary Owner (PO): NA		
PO Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Doddridge County Commercial/Industrial Floodplain Development Permit Application

Contractor Data:

Please provide all pertinent data for contractors and sub---contractors that may be participating in this project. Use additional copies of this page as needed. Designate each page in relation to each property listed above.

Property Designation: ___ of ___

Contractor/Sub-Contractor (C/SC) Information:		
C/SC Company Name: TBD		
C/SC WV License Number:		
C/SC FEIN:	C/SC DUNS:	
Local C/SC Point of Contact (POC):		
Local C/SC POC Title:		
C/SC Mailing Address:		
City:	State:	Zip-Code:
Local C/SC Office Phone:		
Local C/SC POC Phone:		
Local C/SC POC E-Mail:		

Engineer Firm Information:		
Engineer Firm Name:		
Engineer WV License Number:		
Engineer Firm FEIN:	Engineer Firm DUNS:	
Engineer Firm Primary Point of Contact (POC): Colin Olness, PE		
Engineer Firm Primary POC Title: Atlantic Coast Pipeline - Construction		
Engineer Firm Mailing Address: 99 Edmiston Way		
City: Buckhannon	State: WV	Zip-Code: 26201
Engineer Firm Office Phone:		
Engineer Firm Primary POC Phone: 304-203-9011		
Engineer Firm Primary POC E-Mail: Colin.P.Olness@dom.com		

Adjacent and/or Affected Landowners Data

Please provide data for all adjacent and/or affected surface owners (both up and down stream) whose property may be impacted by proposed development as demonstrated by a floodplain study or survey. Use additional copies of this page as needed.

Adjacent Property Owner Data: Upstream		
Name of Primary Owner (PO): Please see Attachment 4		
Physical Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Adjacent Property Owner Data: Upstream		
Name of Primary Owner (PO): Please See Attachment 4		
Physical Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Adjacent Property Owner Data: Downstream		
Name of Primary Owner (PO): Please See Attachment 4		
Physical Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Adjacent Property Owner Data: Downstream		
Name of Primary Owner (PO): Please See Attachment 4		
Physical Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Site Plan

A Site Plan is an accurate and detailed map of the proposed development for this project. It shows the size, shape, location and special features of the project property, and the size and location of any development planned to the property, especially as that development will impact the floodplain and/or floodway. Site plans show what currently exists on the project property, and any changes or improvements you are proposing to make. **A certified and licensed engineering firm should complete site plans.**

A SITE PLAN MUST CONTAIN THE FOLLOWING INFORMATION:

1. Legal description of the parcel, north arrow and scale
2. All property lines and their dimensions
3. Names of adjacent roads, location of driveways
4. Location of sloughs, tributaries, streams, rivers, wetlands, ponds, and lakes, with setbacks indicated, and including FEMA floodplain data based on most updated FIRM.
5. Location, size, shape of all buildings, existing and proposed, with elevation of lowest floor indicated.
6. Location and dimensions of existing or proposed on-site sewage systems.
7. Location of all propane tanks, fuel tanks or other liquid storage tanks whether above ground or below ground level.
8. Location and dimensions of any proposed pipeline placement(s) into floodplain/floodway.
9. Location and dimensions of any roadway development into floodplain/floodway. *(Includes initial development access roads)*
10. Location and dimensions of any bridge and/or culvert development into floodplain/floodway.
11. Location and dimensions of any storage yard or facility into the floodplain/floodway.
12. Location of any existing utilities and/or proposed utility placement and/or displacement.
13. Location, dimensions and depth of any existing or proposed fill on site.
14. A survey showing the **existing ground elevations** of at least location on the building site. **ELEVATION NOTE:** All vertical datum will reference either NGVD 29 or NAVD 88. Assumed datum will not be acceptable unless the property is located in an area where vertical datum has not been published. For those areas where vertical datum has not been established, a site plan with contours, elevations using assumed datum, high water marks and existing water levels of sloughs, rivers, lakes or streams and proposed lowest floor elevation.

Applicant

Please read print name, sign and date below:

- I certify that I am authorized to submit this application for the primary project developer.
- I certify that the information included in this application is to the best of my knowledge true and complete.
- I certify that all required Federal, State, and local permits required by law and/or ordinance for the above described development of this project have been properly attained, are current and valid, and must be presented with this application before a Doddridge County Floodplain Permit may be issued.
- I understand that if in the course of the development project additional permits become required that were not needed during the initial proposal, the primary developer must notify the Doddridge County Floodplain Manager within 48 hours of such need, and that a "Stop Work" order may be issued for all project work directly impacting the floodplain or floodway, until such time the required additional permits are acquired.
- I understand that once the floodplain permit is submitted, the application will be entered into official public record at the next regularly scheduled Doddridge County Commission meeting after the date of submittal.
- I understand that from the date of submittal of the fully completed permit application, the Doddridge County Floodplain Manager has ninety (90) days to make a determination to either grant or deny said permit application. During this approval period, the Doddridge County Floodplain Manager may, at his or her discretion, conduct a review and/or additional study of provided documentation by means of an independent engineering firm. All costs associated with said review and/or study must be reimbursed to the County before issuance of approved permit.
- I understand that during the approval period, the Doddridge County Floodplain Manager or designee may at his or her discretion conduct site visits and document conditions of proposed development pursuant to the permit application.
- I understand that once the Floodplain Permit is granted, the permit will be entered into official public record at the next scheduled Doddridge County Commission meeting after the date of issuance. Appeals to the permit may be made no later than twenty (20) days after said issuance. If a valid appeal is submitted, as determined by the Doddridge County Floodplain Manager, a "Stop Work" order will be issued for all project development directly involving the floodplain or floodway. A public hearing by the Doddridge County Appeals Board will be scheduled no less than ten (10) days after the next regularly scheduled Doddridge County Commission meeting.
- I understand that all decisions of the Doddridge County Appeals Board shall be final.
- **I understand issuance of a Floodplain Permit authorizes me to proceed with construction as proposed. A Certificate of Compliance is required upon substantial completion of the project.**
- In signing this application, the primary developer hereby grants the Doddridge County Floodplain Manager or designee the right to enter onto the above--described location to inspect the development work proposed, in progress, and/or completed.
- I understand that if I do not follow exactly the site--plan submitted and approved by this permit that a "Stop Work" order may be issued by the Doddridge County Floodplain Manager and that I must stop all construction immediately until discrepancies of actual work vs. proposed work is resolved.

Applicant Signature: _____

Date: 3/6/19

Applicant Printed Name: Cristie D. Neller, Vice President, Eastern Pipeline Engineering and Construction

**Dominion Energy Transmission, Inc.
SUPPLY HEADER PROJECT
Docket No. CP15-555-000**

**STATEMENT OF JUSTIFICATION FOR FLOODPLAIN CROSSINGS
DODDRIDGE COUNTY, WEST VIRGINIA**

Submitted, March 2019

I. Introduction

Dominion Energy Transmission Inc. (Dominion Energy) is proposing an approximately 37.5-mile underground pipeline loop referred to as the Supply Header Project (SHP or Project) in conjunction with the Atlantic Coast Pipeline Project (ACP) as part of the plan to provide safe, dependable natural gas service for current and future customers in Virginia, West Virginia and North Carolina. This Statement of Justification provides more information with regard to the Project's proposed construction of a 30-inch diameter underground natural gas pipeline and access roads across 1.16 miles (0.54 miles of pipeline and 0.62 miles of access roads) of floodplains as identified by the Federal Emergency Management Agency (FEMA) within the County. Additionally, there will be two temporary contractor yards with 2.5 acres located within floodplains. Need for the Project and broader requirements for Project approval are described, as well as specific measures to comply with Doddridge County floodplain requirements.

II. Requirements for the Proposed Use

Why the Project is needed:

For the SHP, Dominion Energy proposes to construct and operate approximately 37.5 miles of pipeline loop, and modify existing compression facilities in Pennsylvania and West Virginia. The Project will enable Dominion Energy to provide firm transportation service of up to 1.5 MMDth/d to various customers served by the ACP. Dominion Energy will be a Foundation Shipper in the ACP, and will utilize the SHP capacity to allow its shippers access to natural gas supplies from various Dominion Energy receipt points for further delivery to points along the ACP. By providing its customers access to an affordable and stable source of natural gas, the SHP also satisfies the same purpose and need as the ACP by increasing the reliability and security of natural gas supplies in Virginia, West Virginia, and North Carolina.

The SHP and ACP are a proposed interstate natural gas transmission system that will serve the growing energy needs in the Mid-Atlantic including Virginia, West Virginia and North Carolina. Based on current customer commitments, approximately 76 percent of the natural gas transported by the SHP and ACP will be used as a fuel to generate electricity for industrial, commercial, and residential uses. The remainder of the natural gas will be used directly for residential, industrial, commercial and other uses such as vehicle

fuel. By providing access to low-cost natural gas supplies, the SHP and ACP will increase the reliability and security of natural gas supplies in Virginia, West Virginia and North Carolina, and thereby meet expected demand for natural gas-powered electric generation in those states.

By 2035, natural gas is expected to surpass coal as the most common fuel for electric power generation due to coal-fired plant retirements and low natural gas prices. The U.S. Energy Information Administration (2015) expects renewable generation to grow 2 percent per year from 2013-2040, meeting a part of the demand for power, but more than 60 percent of new generating capacity needed from 2025 to 2040 will be fueled by natural gas.

A study prepared by ICF International (2015) for Atlantic Coast Pipeline, LLC (Atlantic) and Dominion Energy projects that electric power generation in Virginia and North Carolina will increasingly rely on natural gas over the next two decades. Between 2019 and 2038, the study predicts that approximately 9,900 megawatts of electric generating capacity will be retired, while 20,200 megawatts of new generating capacity from natural gas will be built in Virginia and North Carolina. As a result, demand for natural gas for power generation in Virginia and North Carolina is expected to grow 6.3 percent annually between 2014 and 2035, increasing from 1 to 3.7 billion cubic feet per day (bcf/d).¹

In April 2014, Duke Energy and Piedmont issued a request for proposal for incremental pipeline transportation service due to their existing and future natural gas generation requirements, core load growth, and system reliability and supply diversity goals. Specifically, the request for proposal issued by Duke Energy and Piedmont stated that the new infrastructure requested as part of the proposal would support their anticipated needs for natural gas supply and transportation services. Duke Energy's growing reliance on natural gas to meet the State of North Carolina's and Duke Energy's electric generation needs coupled with Piedmont's core load growth and operational requirements supports an investment in new natural gas infrastructure as proposed by Dominion Energy.

In June 2014, Virginia Power Services Energy Corp., Inc. issued a request for proposal for firm transportation service to serve Virginia. In particular, the request for proposal identified a need for additional firm, interstate pipeline capacity. Following the request for proposal processes, Duke Energy, Piedmont, and Virginia Power Services Energy Corp., Inc. each contracted for transportation service on the ACP as did other companies in the region.

The ACP in conjunction with the SHP will provide up to 1.5 MMDth/d of firm natural gas transportation service into Virginia, West Virginia, and North Carolina. Of the 1.5 MMDth/day of the firm transportation capacity created by the ACP and SHP, Atlantic and Dominion Energy currently have commitments with six customers for 1.44 MMDth/d (96 percent). The precedent agreements between Atlantic and these six customers demonstrate the demand for new natural gas supplies, the desire for access to a new supply region, and the need for the SHP and ACP. The remaining unsubscribed capacity on the ACP (4 percent) will be awarded and contracted in accordance with Federal Energy Regulatory Commission (FERC) policies applicable to open-access interstate pipelines and the provisions of applicable natural gas tariffs.

SHP Routing Approval:

On October 13, 2017, Dominion Energy and Atlantic received a Certificate from the FERC under Section 7(c) of the Natural Gas Act (NGA) to construct, own, operate, and maintain the proposed facilities for the SHP and ACP system. FERC issues Certificates for construction and operation of pipelines engaged in interstate natural gas transportation where public need has been demonstrated and a comprehensive

¹ One bcf/d is approximately equivalent to 1 MMDth/d.

review of the environmental impacts has been completed pursuant to the National Environmental Policy Act (NEPA). This provides that alternatives have been evaluated and the alternative with the least environmental impact that can meet the need has been selected.

The FERC licensing process included a NEPA evaluation of multiple alternatives to the proposed route. A proposed route for the SHP across Doddridge County was preliminarily selected by the FERC pursuant to the Final Environmental Impact Statement (FEIS) issued on July 21, 2017. On October 13, 2017 Atlantic received its Certificate from FERC.

Subject to receipt of required approvals, Project construction in Doddridge County is scheduled for September 2019 through September 2020. After construction is complete, the original topographic conditions and contours will be restored. In addition, temporary access roads will be returned to their pre-existing conditions or to conditions in accordance with landowner agreements.

III. Compliance with the Doddridge County Floodplain Ordinance

The Doddridge County Floodplain Ordinance (the "Ordinance") regulates development within identified Floodplain Areas. With the exception of the valve site, the majority of the Project will be developed underground and as such will not be subject to any above-ground development standards. As required by Section 5.2 [Basic Format] of the Ordinance, Dominion Energy has provided the necessary information as part of its Floodplain Development Permit Application (see Attachment 1), as applicable. In addition, pursuant to Section 5.3(B) of the Ordinance, Dominion Energy has provided the following information:

1. Plans showing details of all flood proofing measures (where applicable), prepared by a registered professional engineer, showing the size of the proposed structure and its relation to the lot where it is to be constructed.
2. A determination of elevations of the Base Flood, existing ground, proposed finished ground, lowest floor, and flood proofing limits, certified by a registered professional engineer or licensed professional surveyor, as reflected in the No-Rise Certifications included.
3. A Flood Proofing Certificate, FEMA 81-65, as revised by FEMA, prepared by a registered professional engineer who prepared the plans in (1) above, stating (where applicable), that the Project is designed so that:
 - a. The structure is water tight with walls substantially impermeable to the passage of water from the lowest structural element to two feet above the Base Flood Elevation.
 - b. The structure will withstand the hydrostatic, hydrodynamic, buoyant, impact and other forces resulting from the flood depths, velocities, pressures, and other factors associated with the Base Flood.

Further as required by Section 5.4 [Site Plan Criteria] of the Ordinance, Dominion Energy is submitting a preliminary site plan that includes, as applicable:

1. The name of a registered professional engineer responsible for providing the information required in this section.
2. A map showing the location of the proposed Project with respect to Floodplain Areas,
3. Detailed information giving the location and elevation of proposed roads and utilities, as well as contours at intervals of two (2) or five (5) feet depending upon the slope of the land and accurately identifying the boundaries of the Floodplain Area. A registered professional engineer has certified the site plan.
4. The Base Flood Elevation data and delineated Floodway based on a Flood Insurance Study (FIS), dated July 11, 2017 from FEMA.

Because the Project is primarily underground, the majority of the Specific Requirements set forth in Article VI of the Ordinance do not apply. With regard to Section 6.1(J)(3), SHP's utilities and facilities will be located and constructed to minimize or eliminate flood damage.²

For the approximately 1.16 miles (0.54 miles of pipeline, 0.62 miles of access roads) of floodplain crossing in Doddridge County, Dominion Energy has prepared No-Rise Certificates, which confirm that the proposed 30-inch diameter pipeline and access roads proposed as part of the SHP will not impact flood elevations, floodway elevations or floodway widths in Doddridge County. These No-Rise Certificates have been sealed by professional engineers licensed in the State of West Virginia.

The temporary contractor yards located within 2.5 acres of the floodplain are temporary, and will be removed after construction; therefore, they will not have a permanent impact to the floodplain. Once the contractor yards are removed, the original contours of the floodplain will be restored.

IV. Conclusion

As described in Dominion Energy's application materials, the SHP will be a necessary natural gas transmission system that meets the standards for approval of a Floodplain Permit for floodplain crossings in Doddridge County. The SHP will comply with the provisions of all applicable ordinances, regulations, standards, and conditions. For the reasons set forth herein, Dominion Energy respectfully requests approval of its Floodplain Permit application.

² Dominion Energy has also complied with the application requirements set forth in Section 7.3 of the ordinance (see Attachments 1 and 4, and the materials included herein).

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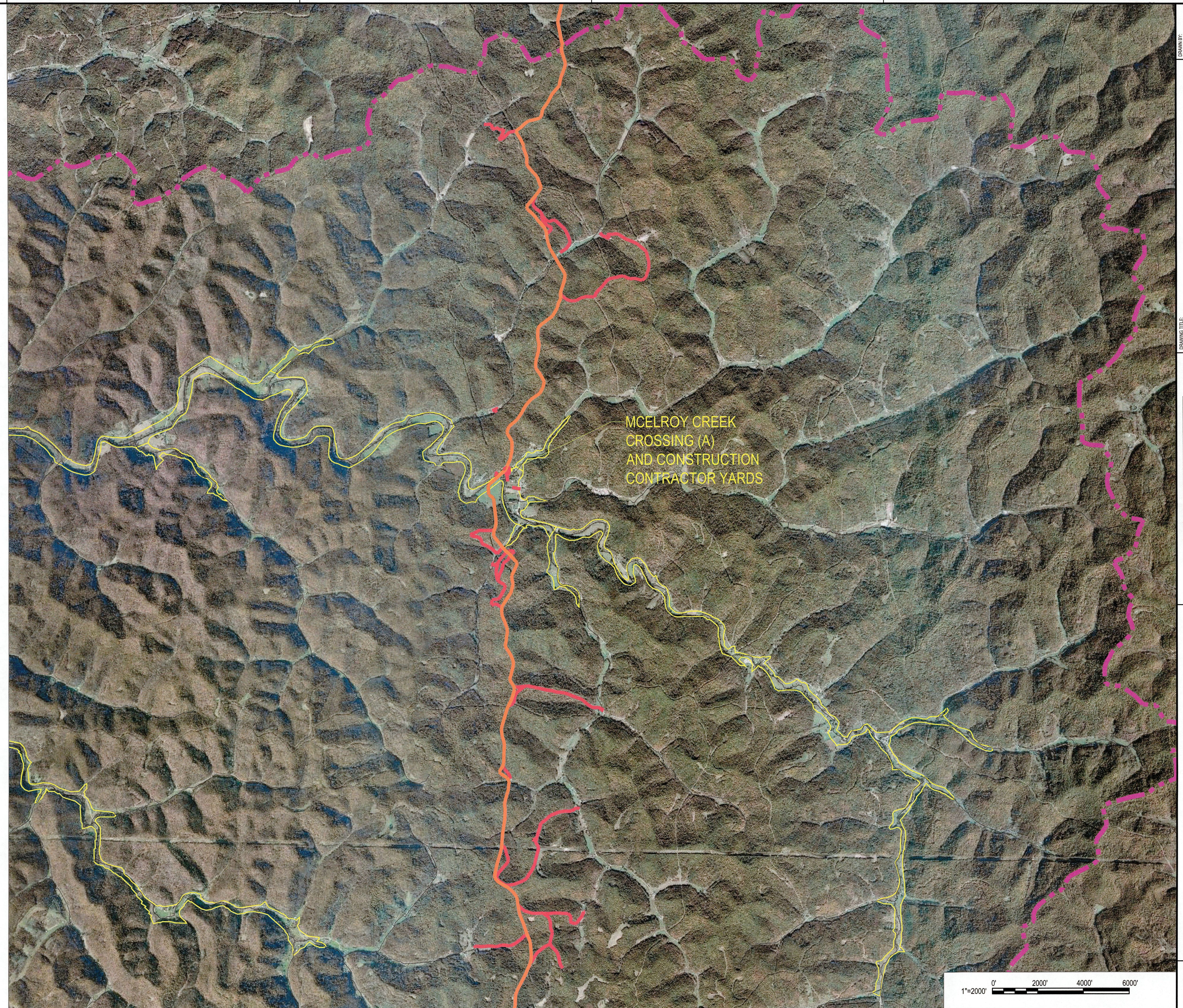


LEGEND

- COUNTY BOUNDARY
- COUNTY FLOODPLAIN
- ATLANTIC COAST PIPELINE
- ACCESS ROADS

NOTES

1. OWNER POINT OF CONTACT:
ATLANTIC COAST PIPELINE, LLC
5000 DOMINION BLVD.
GLEN ALLEN, VA 23060
CONTACT: ROBERT HARE
PHONE: (804) 314-2832
EMAIL: ROBERT.P.HARE@DOMINIONENERGY.COM
 2. AGENT: ERM
1701 GOLF ROAD - SUITE 1-700
ROLLING MEADOWS, IL 60008
CONTACT: LAUREN ZIELKE
PHONE: (847) 258-8941
EMAIL: LAUREN.ZIELKE@ERM.COM
 3. CONTRACTOR: ATLANTIC COAST PIPELINE - CONSTRUCTION
99 EDMISTON WAY
BUCKHANNON, WV 26201
CONTACT: COLIN OLNESS
PHONE: (304) 203-9011
EMAIL: COLIN.P.OLNESS@DOMINIONENERGY.COM
 4. NO RISE ENGINEER: I3 ENGINEERING AND CONSULTING, LLC
1160 JOHNSON AVE - SUITE 101
BRIDGEPORT, WV 26630
CONTACT: DAVID MORDAN, JR
PHONE: (304) 848-6730
EMAIL: DMORDAN@I3ENGINEERINGLLC.COM
- SEE NO RISE CERTIFICATIONS FOR INDIVIDUAL CROSSING
DATA AND LARGE SCALE PLANS
5. FLOODPLAIN MAPPING: AUSTIN BROCKENBROUGH
1011 BOULDERS SPRINGS DRIVE - SUITE 200
RICHMOND, VA 23225
CONTACT: KEITH STANLEY
PHONE: (804) 592-3889
EMAIL: KSTANLEY@BROCKENBROUGH.COM



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PROJECT: ATLANTIC COAST PIPELINE		OWNER: ATLANTIC COAST PIPELINE, LLC CLIENT: ERM	
<p style="font-size: small; margin: 0;">ENGINEERING + CONSULTING 1011 Boulder Springs Drive, Suite 200 Richmond, Virginia 23225 804.592.3900 main 804.592.3901 fax www.brockenbrough.com</p>			
<p style="margin: 0;">ATLANTIC COAST PIPELINE FLOODPLAIN PERMITS DODDRIDGE COUNTY, WEST VIRGINIA</p>			
SKETCH NO: PLAN 1			

1





2

3

4

5

LEGEND

- COUNTY BOUNDARY 
- COUNTY FLOODPLAIN 
- ATLANTIC COAST PIPELINE 
- ACCESS ROADS 

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 5000 DOMINION BLVD.
 GLEN ALLEN, VA 23060
 CONTACT: ROBERT HARE
 PHONE: (804) 314-2832
 EMAIL: ROBERT.P.HARE@DOMINIONENERGY.COM

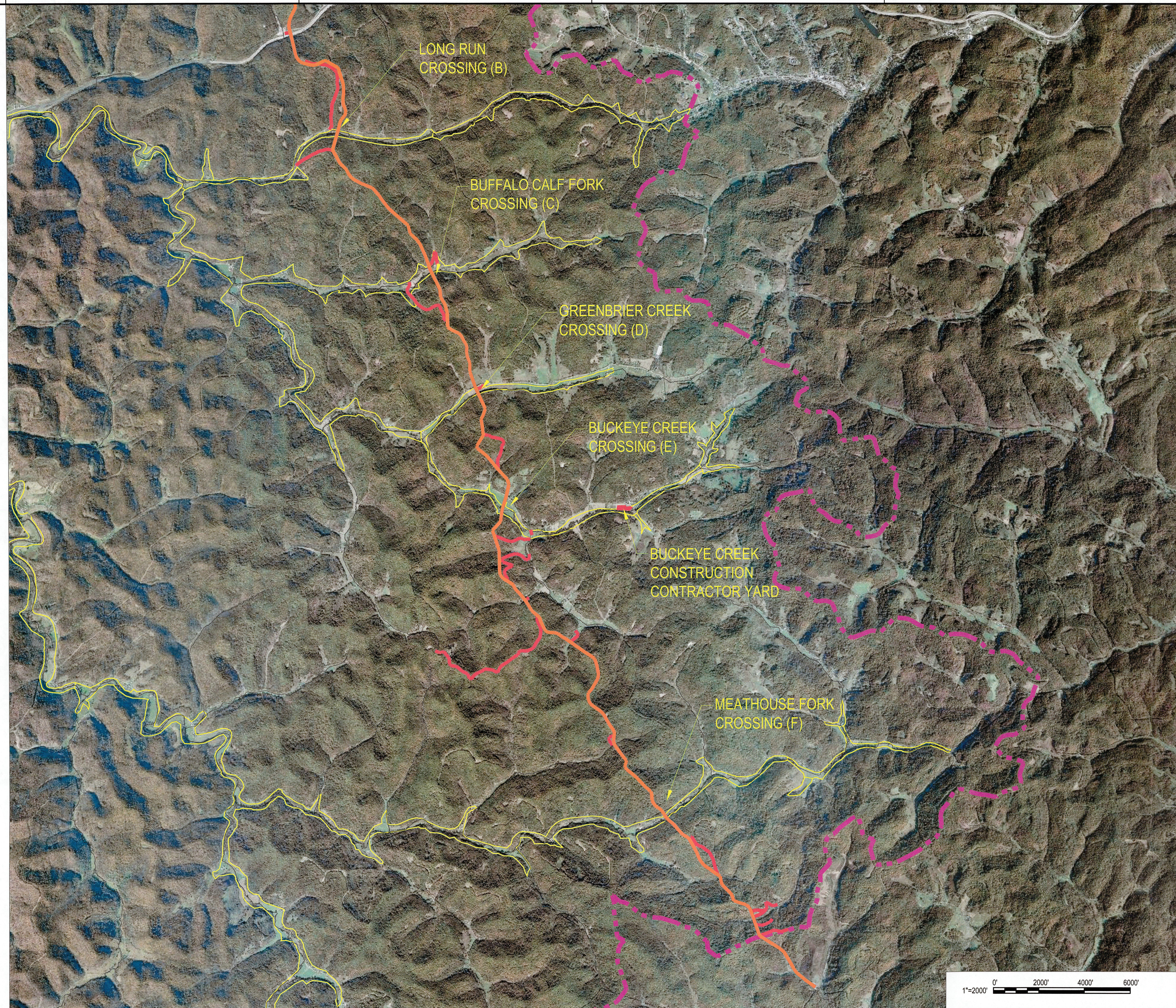
2. AGENT: ERM
 1701 GOLF ROAD - SUITE 1-700
 ROLLING MEADOWS, IL 60008
 CONTACT: LAUREN ZIELKE
 PHONE: (847) 258-8941
 EMAIL: LAUREN.ZIELKE@ERM.COM

3. CONTRACTOR: ATLANTIC COAST PIPELINE - CONSTRUCTION
 99 EDMISTON WAY
 BUCKHANNON, WV 26201
 CONTACT: COLIN OLNES
 PHONE: (304) 203-9011
 EMAIL: COLIN.P.OLNESS@DOMINIONENERGY.COM

4. NO RISE ENGINEER: I3 ENGINEERING AND CONSULTING, LLC
 1160 JOHNSON AVE - SUITE 101
 BRIDGEPORT, WV 26330
 CONTACT: DAVID MORDAN, JR
 PHONE: (304) 848-6730
 EMAIL: DMORDAN@I3ENGINEERINGLLC.COM

SEE NO RISE CERTIFICATIONS FOR INDIVIDUAL CROSSING DATA AND LARGE SCALE PLANS

5. FLOODPLAIN MAPPING: AUSTIN BROCKENBROUGH
 1011 BOULDERS SPRINGS DRIVE - SUITE 200
 RICHMOND, VA 23225
 CONTACT: KEITH STANLEY
 PHONE: (804) 592-3889
 EMAIL: KSTANLEY@BROCKENBROUGH.COM



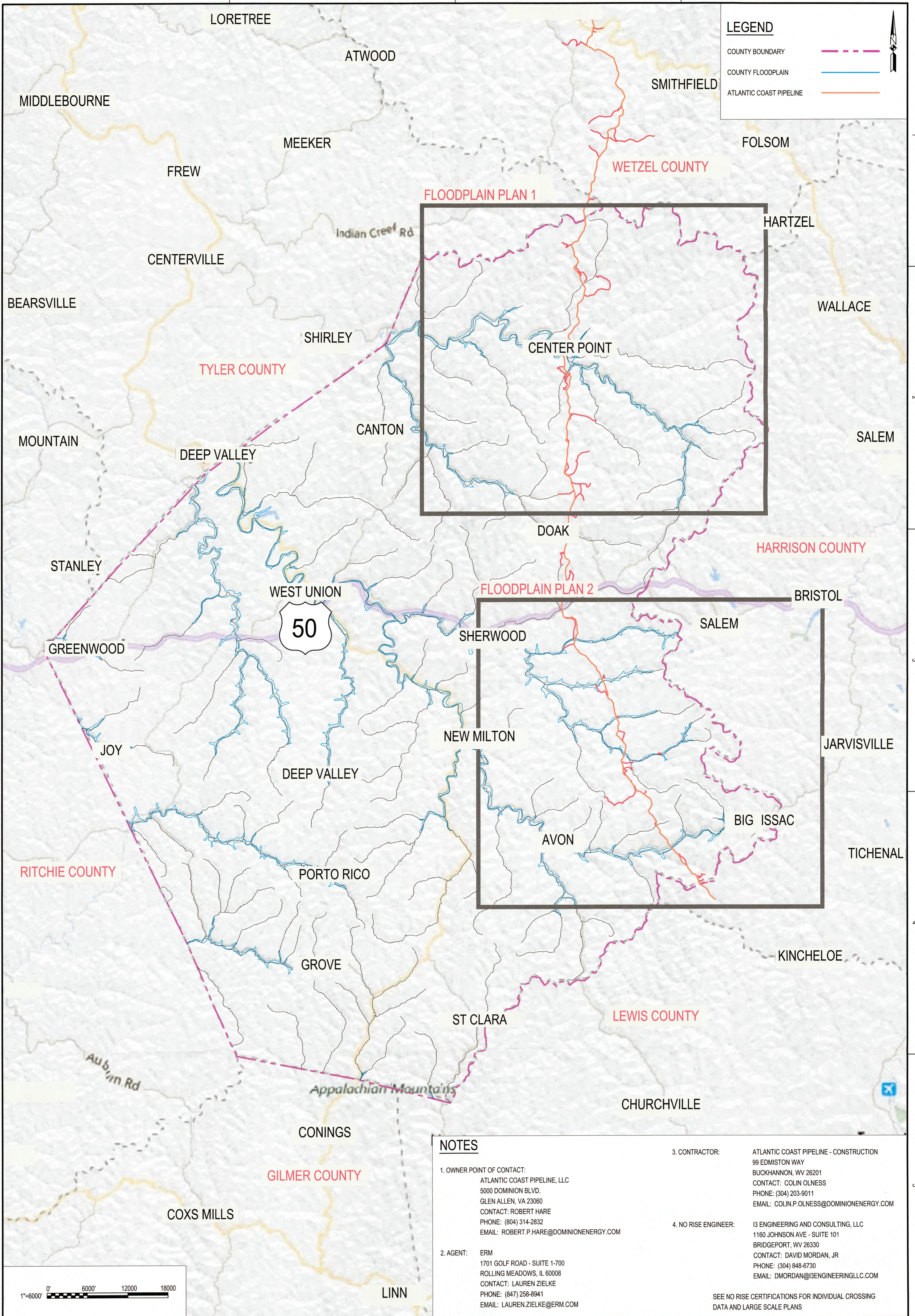
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DRAWING TITLE: FLOODPLAIN PERMITS COUNTY MAP		
PROJECT: ATLANTIC COAST PIPELINE		
OWNER: ATLANTIC COAST PIPELINE, LLC CLIENT: ERM		

Austin Brockenbrough
 ENGINEERING + CONSULTING
 1011 Boulder Springs Drive, Suite 200 | Richmond, Virginia 23225
 804.592.3900 main | 804.592.3901 fax
 www.brockenbrough.com

**ATLANTIC COAST PIPELINE
 FLOODPLAIN PERMITS
 DODDRIDGE COUNTY, WEST VIRGINIA**

SKETCH NO:
PLAN 2

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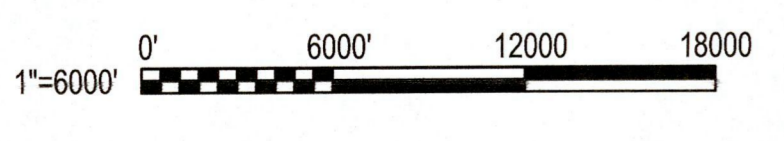
LEGEND

- COUNTY BOUNDARY - - -
- COUNTY FLOODPLAIN —
- ATLANTIC COAST PIPELINE —

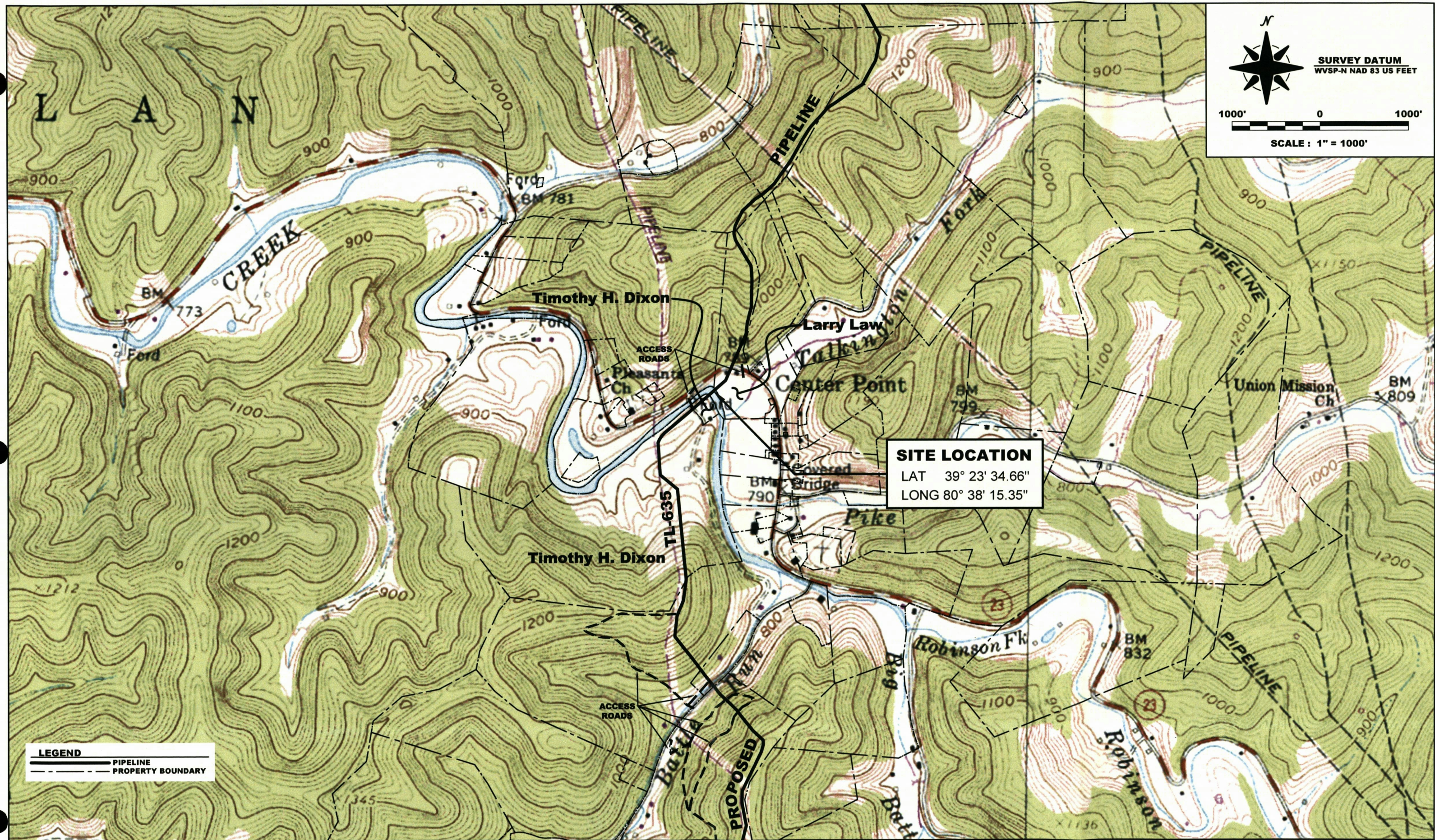


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CONTACT: LAUREN ZIELKE
PHONE: (847) 258-8941
EMAIL: LAUREN.ZIELKE@ERM.COM
 3. CONTRACTOR:
ATLANTIC COAST PIPELINE - CONSTRUCTION
99 EDMISTON WAY
BUCKHANNON, WV 26201
CONTACT: COLIN OLNESS
PHONE: (304) 203-9011
EMAIL: COLIN.P.OLNESS@DOMINIONENERGY.COM
 4. NO RISE ENGINEER:
I3 ENGINEERING AND CONSULTING, LLC
1160 JOHNSON AVE - SUITE 101
BRIDGEPORT, WV 26330
CONTACT: DAVID MORDAN, JR
PHONE: (304) 848-6730
EMAIL: DMORDAN@I3ENGINEERINGLLC.COM
- SEE NO RISE CERTIFICATIONS FOR INDIVIDUAL CROSSING DATA AND LARGE SCALE PLANS



OVERALL	SKETCH NO.: ATLANTIC COAST PIPELINE FLOODPLAIN PERMITS DODDRIDGE COUNTY, WEST VIRGINIA	 1011 Boulder Springs Drive, Suite 200 Richmond, Virginia 23225 804.592.3900 main 804.592.3901 fax www.brockenbrough.com	DRAWING TITLE: FLOODPLAIN PERMITS OVERALL COUNTY MAP	DRAWN BY: KDS
			PROJECT: ATLANTIC COAST PIPELINE	DATE: 6/9/17
			OWNER/CLIENT: OWNER: ATLANTIC COAST PIPELINE, LLC CLIENT: ERM	JOB NO.: 17-022



SURVEY DATUM
 WVSP-N NAD 83 US FEET

1000' 0 1000'
SCALE: 1" = 1000'

LEGEND

——— PIPELINE
 - - - - - PROPERTY BOUNDARY

SITE LOCATION
 LAT 39° 23' 34.66"
 LONG 80° 38' 15.35"

GENERAL NOTES AND COMMENTS:

REFERENCE
 PIPELINE SURVEY INFORMATION PROVIDED BY GAI CONSULTANTS
 U.S.G.S. TOPOGRAPHIC MAPS
 CENTER POINT & FOLSOM, WV 7.5' QUADRANGLES

SYM	DATE	BY	REVISION INFORMATION	PROJECT/TASK	APP.	SEAL

I3 Engineering and Consulting, LLC
 INTEGRITY • INITIATIVE • INNOVATION

DRAWN: ALC 6/27/17
 CHECKED: RVS / DLM 6/27/17
 APP. FOR BID:
 APP. FOR CONST.:
 SCALE: 1" = 1000'




Atlantic Coast Pipeline, LLC
 925 White Oaks Blvd. Bridgeport, West Virginia 26330 / 681-842-8000

PROJECT LOCATION MAP
PROPOSED PIPELINE TL-635 CROSSING MC ELROY CREEK


DISTRICT: McCLELLAN	COUNTY: DODDRIDGE	STATE: WV	GROUP	DWG. NO.	REV.
DIR/FILE: DOM/ACP/FloodplainPermit/Doddridge/MCElroyCk			1 of 3	0	

FLOOD PLAIN REFERENCE

THE PROPERTY IS LOCATED IN ZONE AE AND X AS SHOWN ON THE FLOOD INSURANCE RATE MAPS, 54017C DODDRIDGE COUNTY, WV. UNINCORPORATED AREAS, PANEL NUMBER 0045C, EFFECTIVE DATE OCTOBER 4, 2011.

-  ZONE AE IS AREA DETERMINED TO BE A SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD. THE 1% ANNUAL CHANCE FLOOD (100-YEAR FLOOD), ALSO KNOWN AS THE BASE FLOOD, IS THE FLOOD THAT HAS A 1% CHANCE OF BEING EQUALED OR EXCEEDED IN ANY GIVEN YEAR. BASE FLOOD ELEVATIONS DETERMINED.
-  ZONE A IS AREA DETERMINED TO BE A SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD. THE 1% ANNUAL CHANCE FLOOD (100-YEAR FLOOD), ALSO KNOWN AS THE BASE FLOOD, IS THE FLOOD THAT HAS A 1% CHANCE OF BEING EQUALED OR EXCEEDED IN ANY GIVEN YEAR. NO BASE FLOOD ELEVATIONS DETERMINED.
-  ZONE X AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.

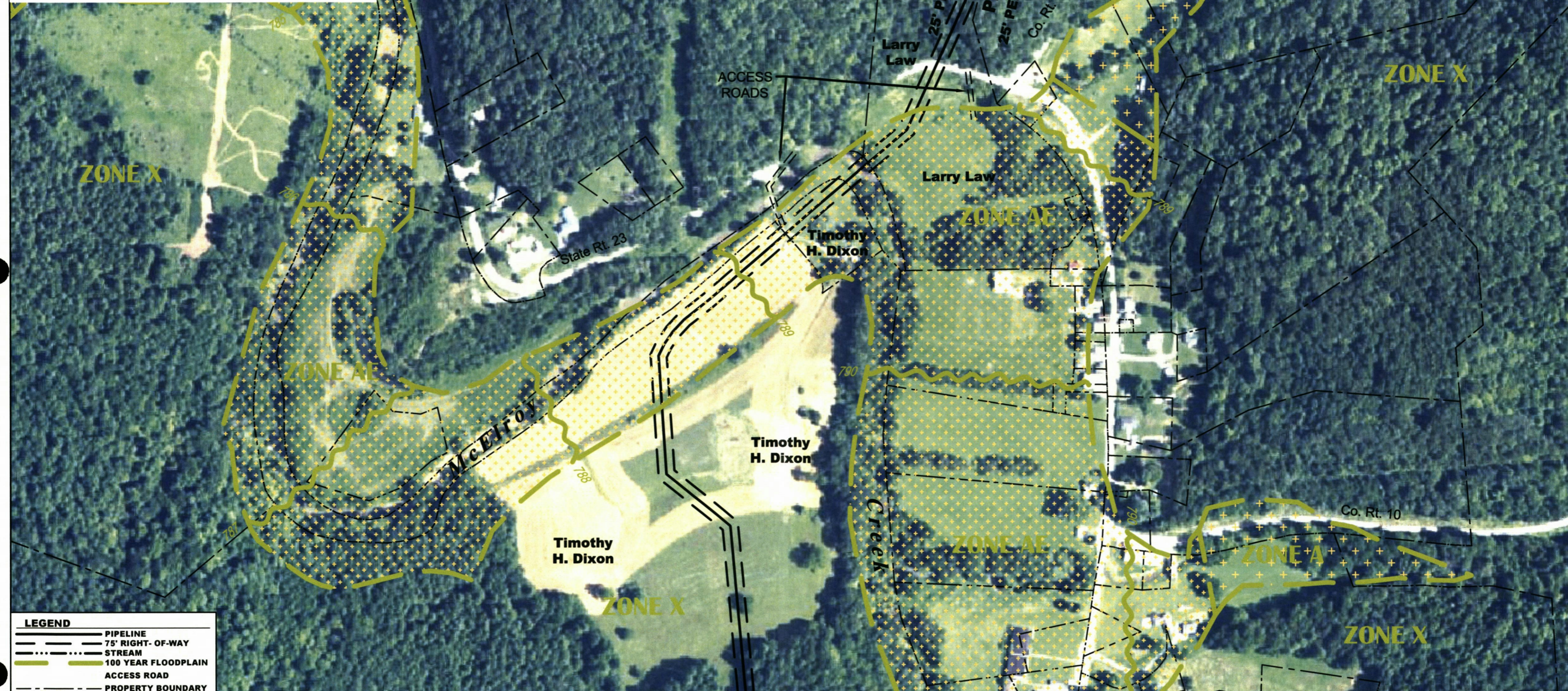
LIMITS AS SHOWN ON MAP BASED ON REFERENCE MAP.









SURVEY DATUM
WVSP-N NAD 83 US FEET
NAVD 88 (12A)

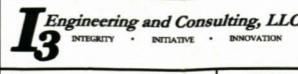
300' 0 300'

SCALE : 1" = 300'



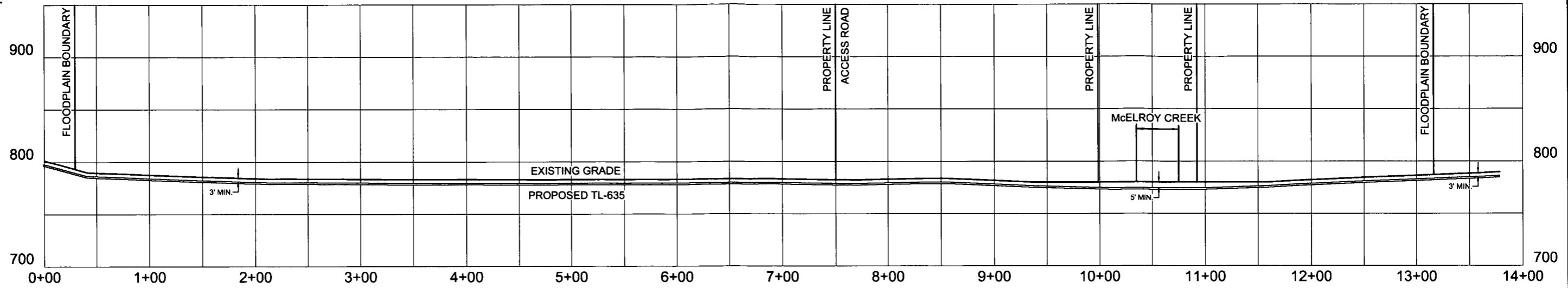
LEGEND

-  PIPELINE
-  75' RIGHT-OF-WAY
-  STREAM
-  100 YEAR FLOODPLAIN
-  ACCESS ROAD
-  PROPERTY BOUNDARY

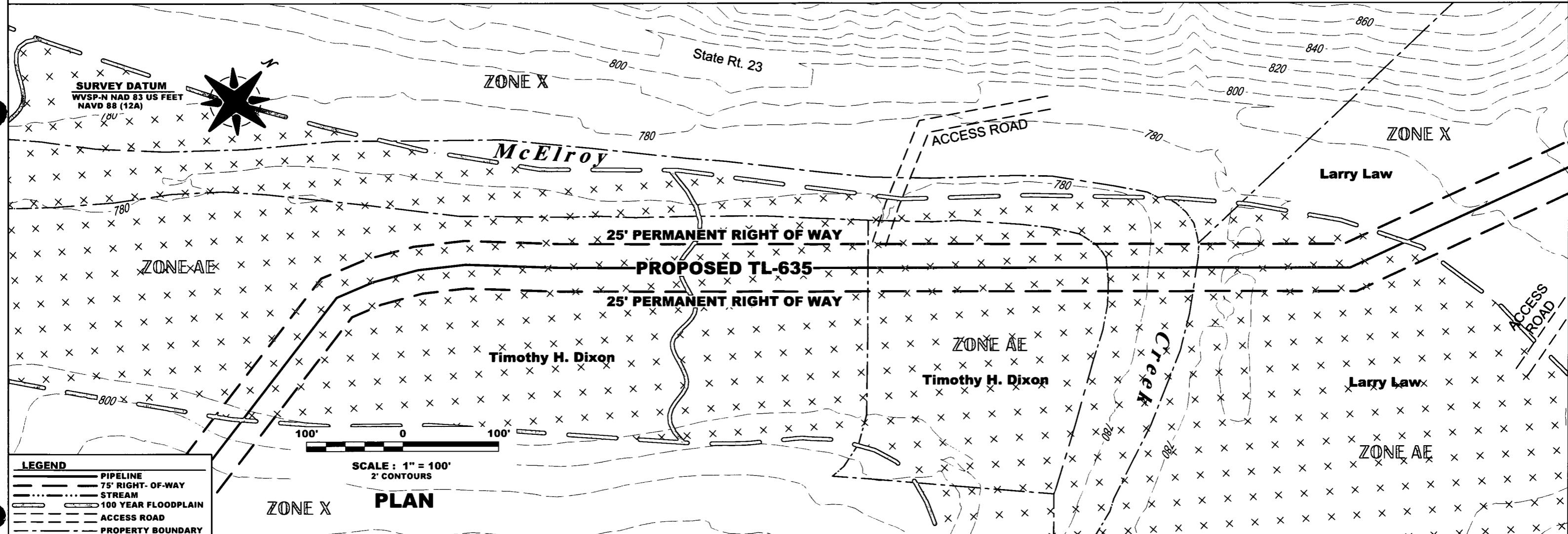
<p>GENERAL NOTES AND COMMENTS:</p> <p>REFERENCE</p> <p>PIPELINE SURVEY INFORMATION PROVIDED BY GAI CONSULTANTS.</p> <p>IMAGERY OBTAINED VIA ERSI WORLD IMAGERY, ACCESSED 10/4/16.</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>SYM</th> <th>DATE</th> <th>BY</th> <th>REVISION INFORMATION</th> <th>PROJECT/TASK</th> <th>APP.</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	SYM	DATE	BY	REVISION INFORMATION	PROJECT/TASK	APP.																															<p>SEAL</p> 	<p>Atlantic Coast Pipeline, LLC</p> <p>925 White Oaks Blvd. Bridgeport, West Virginia 26330 / 681-842-8000</p> <p>TITLE:</p> <p>FLOODPLAIN PROJECT MAP</p> <p>PROPOSED PIPELINE TL-635 CROSSING MC ELROY CREEK</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>DISTRICT: McCLELLAN</td> <td>COUNTY: DODDRIDGE</td> <td>STATE: WV</td> <td>GROUP</td> <td>DWG. NO.</td> <td>REV.</td> </tr> <tr> <td>DIR/FILE: DOM/ACP/FloodplainPermit/Doddridge/McElroyCk</td> <td></td> <td></td> <td></td> <td>2 of 3</td> <td>0</td> </tr> </table>	DISTRICT: McCLELLAN	COUNTY: DODDRIDGE	STATE: WV	GROUP	DWG. NO.	REV.	DIR/FILE: DOM/ACP/FloodplainPermit/Doddridge/McElroyCk				2 of 3	0
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NOTES:

1. EXISTING GRADE ELEVATIONS PROVIDED IN THE PLAN/PROFILE WILL BE RESTORED TO LIKE ELEVATIONS AFTER CONSTRUCTION; NO CHANGE TO ELEVATIONS ARE PLANNED



PROFILE
SCALE : 1" = 100' Horizontal & Vertical



LEGEND

- PIPELINE
- 75' RIGHT-OF-WAY
- STREAM
- 100 YEAR FLOODPLAIN
- ACCESS ROAD
- PROPERTY BOUNDARY

SCALE : 1" = 100'
2' CONTOURS

PLAN

GENERAL NOTES AND COMMENTS	SYM			DATE			BY			REVISION INFORMATION			PROJECT/TASK			APP			SEAL		
REFERENCE LIDAR ELEVATION DATA PROVIDED BY GAI CONSULTANTS PIPELINE SURVEY INFORMATION PROVIDED BY GAI CONSULTANTS																Atlantic Coast Pipeline, LLC 925 White Oaks Blvd. Bridgeport, West Virginia 26330 / 681-842-8000					
	DRAWN: ALC 6/27/17 CHECKED: RVS / DLM 6/27/17 APP. FOR BID: APP. FOR CONST.: SCALE: 1" = 100'															TITLE: PLAN & PROFILE PROPOSED PIPELINE TL-635 CROSSING MC ELROY CREEK DISTRICT: McCLELLAN COUNTY: DODDRIDGE STATE: WV GROUP: DWG. NO: 3 of 3 REV: 0 DIR/FILE: DOMIACP/FloodplainPermit/Doddridge/McElroyCk					

ENGINEERING "NO-RISE" CERTIFICATION

This is to certify that I am a duly qualified engineer licensed to practice in the State of West Virginia.

It is to further certify that the attached technical data supports the fact that proposed 30-inch TL-635 Pipeline and associated access roads will not impact the 100-year flood elevations, floodway elevations and floodway widths on McElroy Creek at published sections in the Flood Insurance Rate Map for Doddridge County, WV 54017C0045C, dated October 4, 2011 and will not impact the 100-year flood elevations, floodway elevations, and floodway widths at unpublished cross-sections in the vicinity of the proposed development.

Attached are the following documents that support my findings:

Project Location Map

Proposed Pipeline TL-635 Crossing McElroy Creek 1 of 3

Flood Plain Project Map

Proposed Pipeline TL-635 Crossing McElroy Creek 2 of 3

Plan and Profile

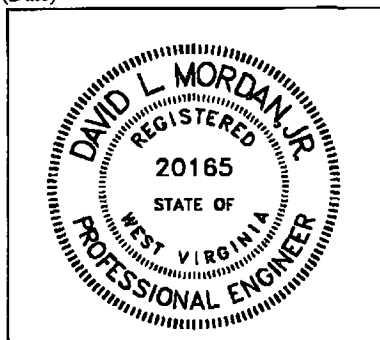
Proposed Pipeline TL-635 Crossing McElroy Creek 3 of 3


(Signature)

July 11, 2017
(Date)

Owner
(Title)

13 Engineering & Consulting, LLC
1160 Johnson Ave., Suite 101
Bridgeport, WV 26330
Phone 304-848-6730



ENGINEERING "NO-RISE" CERTIFICATION

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Attached are the following documents that support my findings:

Project Location Map

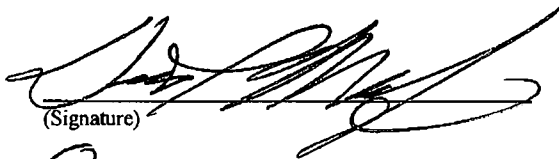
Proposed Pipeline TL-635 Crossing Long Run 1 of 3

Flood Plain Project Map

Proposed Pipeline TL-635 Crossing Long Run 2 of 3

Plan and Profile

Proposed Pipeline TL-635 Crossing Long Run 3 of 3



(Signature)

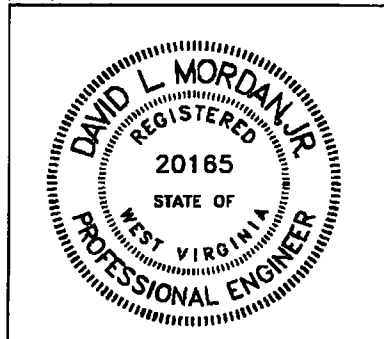
Owner

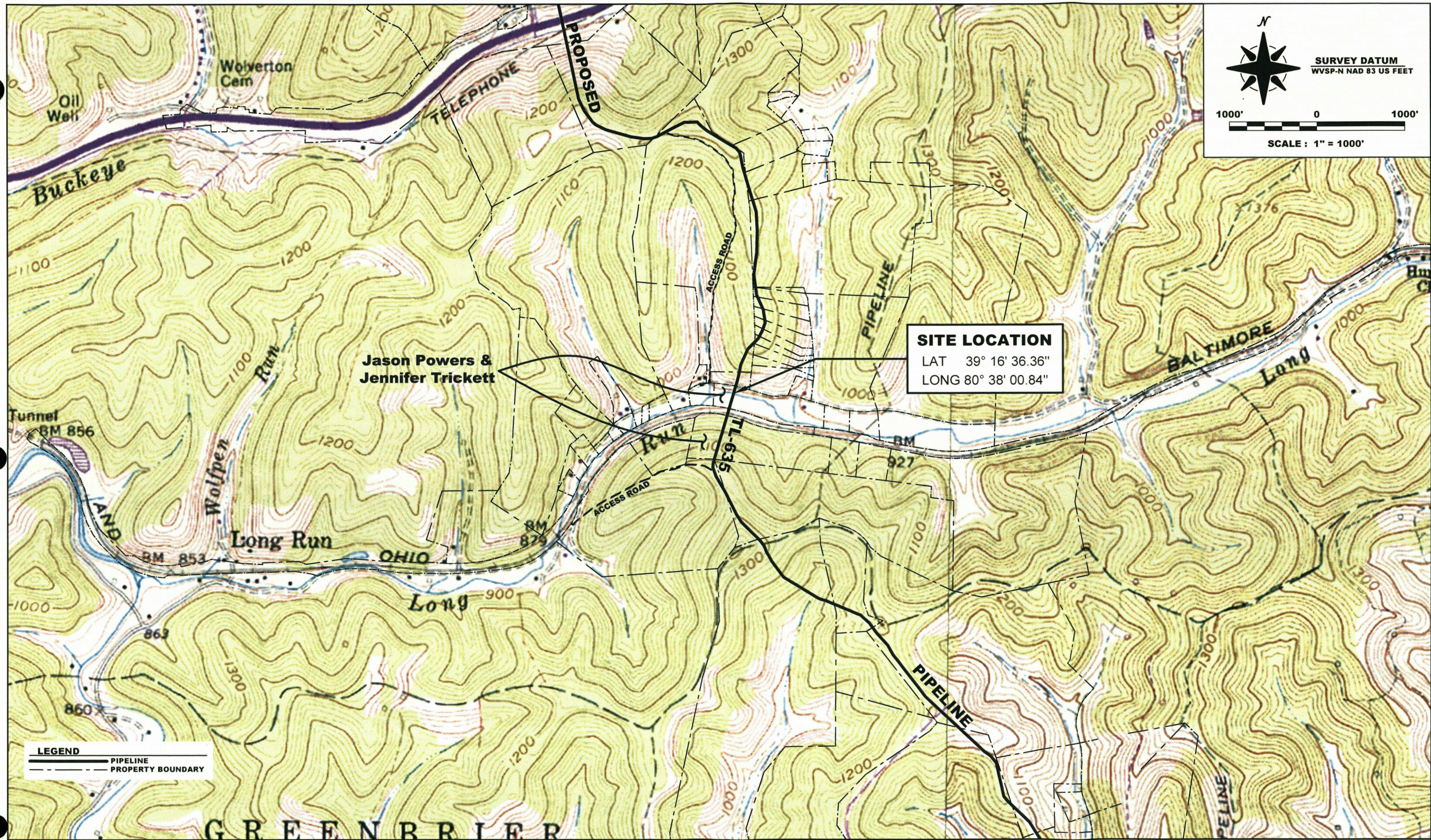
(Title)

I3 Engineering & Consulting, LLC
1160 Johnson Ave., Suite 101
Bridgeport, WV 26330
Phone 304-848-6730


July 11, 2017

(Date)





N



SURVEY DATUM
WVSP-N NAD 83 US FEET

1000' 0 1000'

SCALE: 1" = 1000'

SITE LOCATION
 LAT 39° 16' 36.36"
 LONG 80° 38' 00.84"


LEGEND

—— PIPELINE
 - - - - PROPERTY BOUNDARY

<p>GENERAL NOTES AND COMMENTS</p> <p>REFERENCE</p> <p>PIPELINE SURVEY INFORMATION PROVIDED BY GAI CONSULTANTS</p> <p>U.S.G.S. TOPOGRAPHIC MAPS SALEM & SMITHBURG, WV 7.5' QUADRANGLES</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>SYM</th> <th>DATE</th> <th>BY</th> <th>REVISION INFORMATION</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	SYM	DATE	BY	REVISION INFORMATION																					<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>PROJECT/TASK</th> <th>APP.</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	PROJECT/TASK	APP.	SEAL										<p style="text-align: center;">Engineering and Consulting, LLC <small>INTEGRITY • INITIATIVE • INNOVATION</small></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>DRAWN: ALC</td> <td>6/28/17</td> </tr> <tr> <td>CHECKED: RVS / DLM</td> <td>6/28/17</td> </tr> <tr> <td>APP. FOR BID:</td> <td> </td> </tr> <tr> <td>APP. FOR CONST.:</td> <td> </td> </tr> <tr> <td>SCALE: 1" = 1000'</td> <td> </td> </tr> </table>	DRAWN: ALC	6/28/17	CHECKED: RVS / DLM	6/28/17	APP. FOR BID:		APP. FOR CONST.:		SCALE: 1" = 1000'		<p style="text-align: center;">Atlantic Coast Pipeline, LLC <small>925 White Oaks Blvd. Bridgeport, West Virginia 26330 / 681-842-8000</small></p> <p style="text-align: center;">PROJECT LOCATION MAP PROPOSED PIPELINE TL-635 CROSSING LONG RUN</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>DISTRICT: GRANT</td> <td>COUNTY: DODDRIDGE</td> <td>STATE: WV</td> <td>GROUP</td> <td>DWG. NO.</td> <td>REV.</td> </tr> <tr> <td>DIR/FILE: DOM/ACPI/FloodplainPermit/Doddridge/LongRun</td> <td> </td> <td> </td> <td> </td> <td>1 of 3</td> <td>0</td> </tr> </table>	DISTRICT: GRANT	COUNTY: DODDRIDGE	STATE: WV	GROUP	DWG. NO.	REV.	DIR/FILE: DOM/ACPI/FloodplainPermit/Doddridge/LongRun				1 of 3	0
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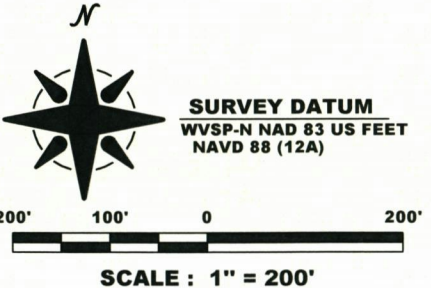
FLOOD PLAIN REFERENCE

THE PROPERTY IS LOCATED IN ZONE AE AND X AS SHOWN ON THE FLOOD INSURANCE RATE MAPS, 54017C DODDRIDGE COUNTY, WV. UNINCORPORATED AREAS, PANEL NUMBER 0145C, EFFECTIVE DATE OCTOBER 4, 2011.

 ZONE AE IS AREA DETERMINED TO BE A SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD. THE 1% ANNUAL CHANCE FLOOD (100-YEAR FLOOD), ALSO KNOWN AS THE BASE FLOOD, IS THE FLOOD THAT HAS A 1% CHANCE OF BEING EQUALED OR EXCEEDED IN ANY GIVEN YEAR. BASE FLOOD ELEVATIONS DETERMINED

 ZONE X AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.

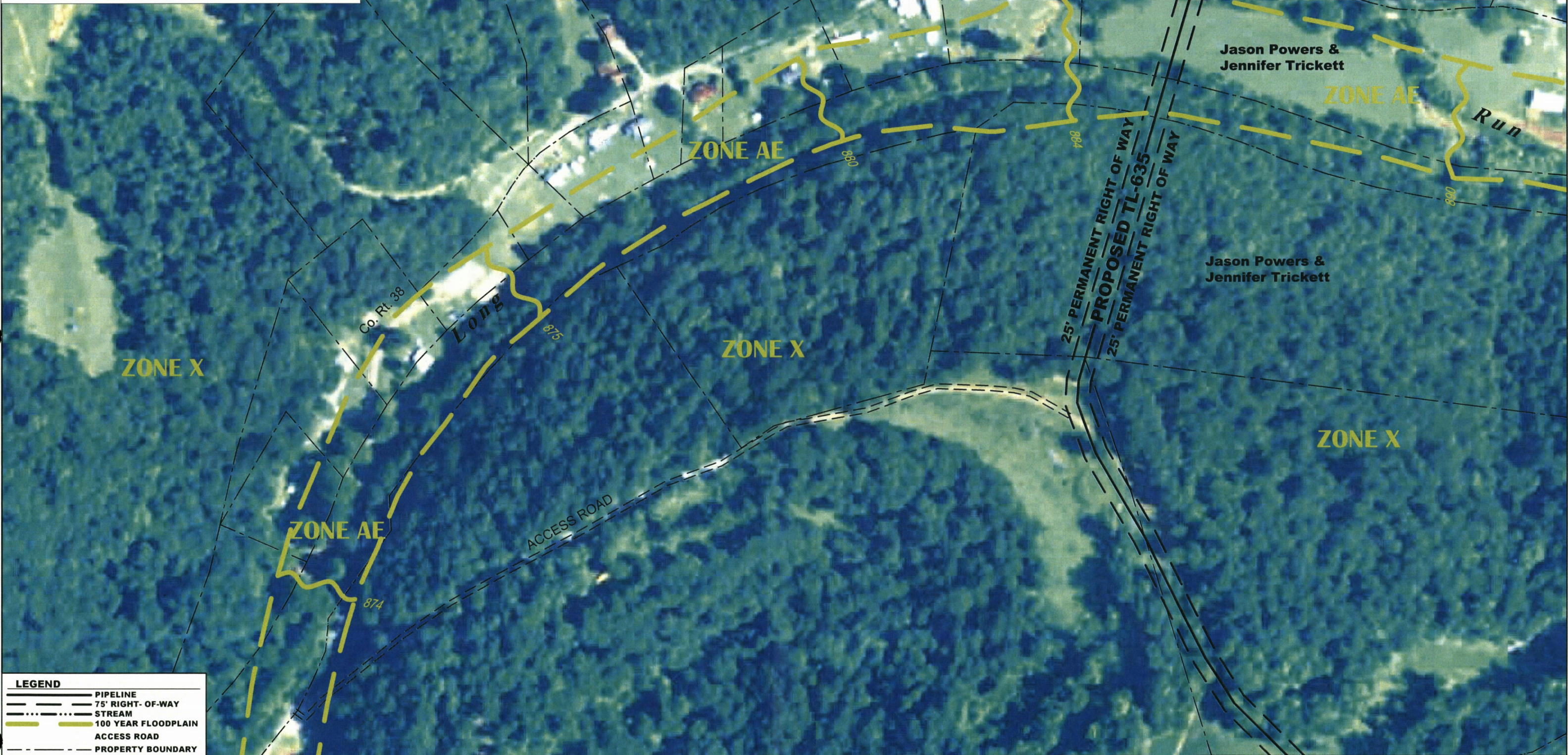
LIMITS AS SHOWN ON MAP BASED ON REFERENCE MAP.









SURVEY DATUM
WVSP-N NAD 83 US FEET
NAVD 88 (12A)

200' 100' 0 200'

SCALE : 1" = 200'



LEGEND

-  PIPELINE
-  75' RIGHT-OF-WAY
-  STREAM
-  100 YEAR FLOODPLAIN
-  ACCESS ROAD
-  PROPERTY BOUNDARY

GENERAL NOTES AND COMMENTS		SYMBOL		DATE	BY	REVISION INFORMATION		PROJECT/TASK	APP.	SEAL
REFERENCE		PIPELINE SURVEY INFORMATION PROVIDED BY GAI CONSULTANTS.								
IMAGERY OBTAINED VIA ERSI WORLD IMAGERY, ACCESSED 10/4/16.										

Engineering and Consulting, LLC
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DRAWN: ALC 6/28/17
CHECKED: RVS / DLM 6/28/17
APP. FOR BID:
APP. FOR CONST.:
SCALE: 1" = 200'

Atlantic Coast Pipeline, LLC
925 White Oaks Blvd. Bridgeport, West Virginia 26330 / 681-842-8000

TITLE: **FLOODPLAIN PROJECT MAP
PROPOSED PIPELINE TL-635 CROSSING LONG RUN**

DISTRICT: GRANT	COUNTY: DODDRIDGE	STATE: WV	GROUP:	DWG. NO. 2 of 3	REV. 0
-----------------	-------------------	-----------	--------	-----------------	--------

DIR/FILE: DOM/ACPI/FloodplainPermit/Doddridge/LongRun

ENGINEERING "NO-RISE" CERTIFICATION

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It is to further certify that the attached technical data supports the fact that proposed 30-inch TL-635 Pipeline and associated access roads will not impact the 100-year flood elevations, floodway elevations and floodway widths on Buffalo Calf Fork at published sections in the Flood Insurance Rate Map for Doddridge County, WV 54017C0165C, dated October 4, 2011 and will not impact the 100-year flood elevations, floodway elevations, and floodway widths at unpublished cross-sections in the vicinity of the proposed development.

Attached are the following documents that support my findings:

Project Location Map

Proposed Pipeline TL-635 Crossing Buffalo Calf Fork 1 of 3

Flood Plain Project Map

Proposed Pipeline TL-635 Crossing Buffalo Calf Fork 2 of 3

Plan and Profile

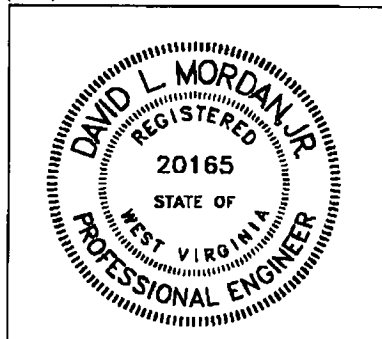
Proposed Pipeline TL-635 Crossing Buffalo Calf Fork 3 of 3

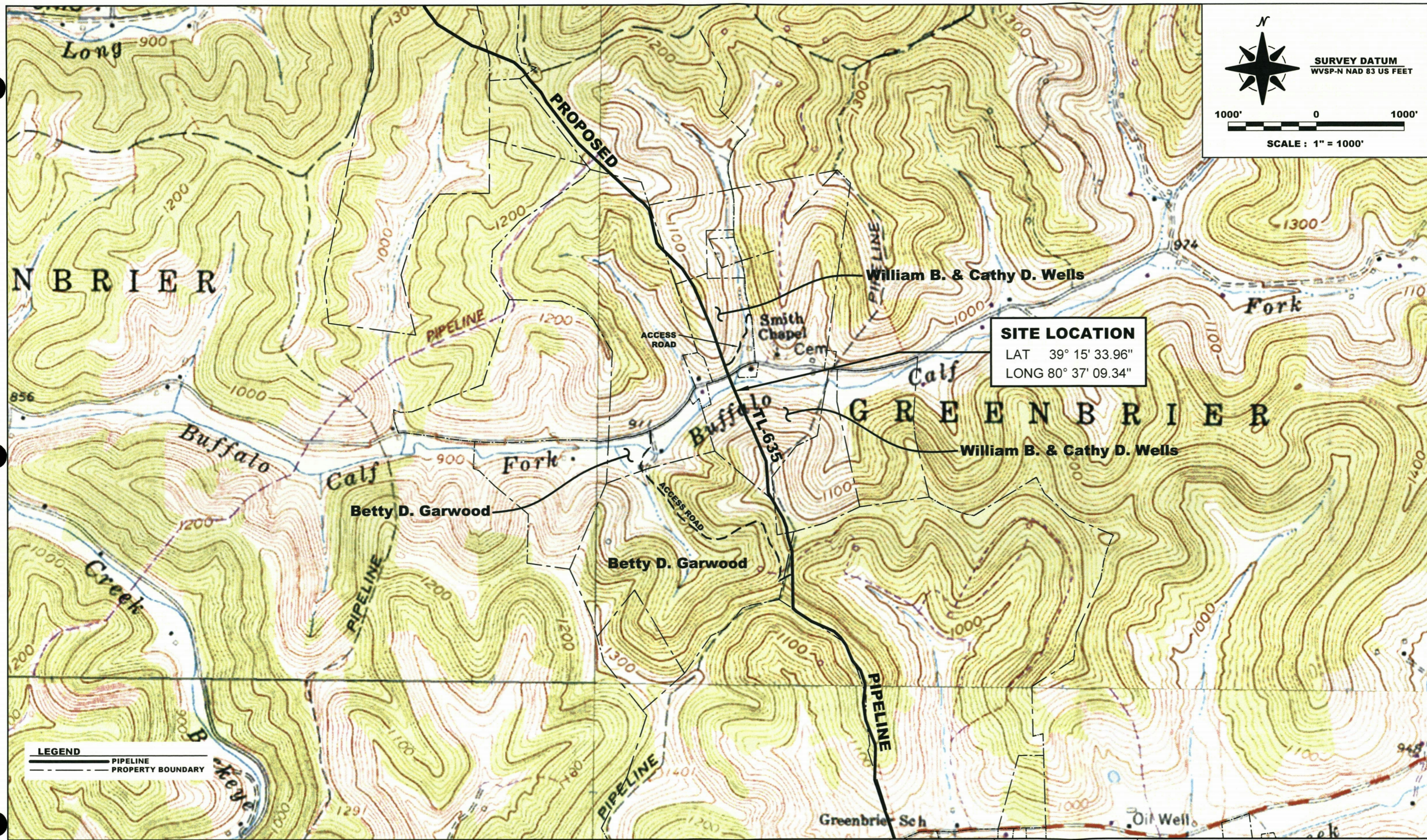

(Signature)

Owner
(Title)

I3 Engineering & Consulting, LLC
1160 Johnson Ave., Suite 101
Bridgeport, WV 26330
Phone 304-848-6730

July 11, 2017
(Date)





SURVEY DATUM
WVSP-N NAD 83 US FEET

1000' 0 1000'
SCALE: 1" = 1000'

SITE LOCATION
LAT 39° 15' 33.96"
LONG 80° 37' 09.34"

LEGEND
 ——— PIPELINE
 - - - - - PROPERTY BOUNDARY

GENERAL NOTES AND COMMENTS

REFERENCE
 PIPELINE SURVEY INFORMATION PROVIDED BY GAI CONSULTANTS
 U.S.G.S TOPOGRAPHIC MAPS
 BIG ISAAC, NEW MILTON, SALEM & SMITHBURG, WV 7.5' QUADRANGLES

SYM	DATE	BY	REVISION INFORMATION	PROJECT/TASK	APP.	SEAL

I3 Engineering and Consulting, LLC
 INTEGRITY • INITIATIVE • INNOVATION

DRAWN:	ALC	6/29/17
CHECKED:	RVS / DLM	6/29/17
APP. FOR BID:		
APP. FOR CONST.:		
SCALE:	1" = 1000'	

Atlantic Coast Pipeline, LLC
 925 White Oaks Blvd. Bridgeport, West Virginia 26330 / 681-842-8000

PROJECT LOCATION MAP
PROPOSED PIPELINE TL-635 CROSSING BUFFALO CALF FORK

DISTRICT: GREENBRIER	COUNTY: DODDRIDGE	STATE: WV	GROUP	DWG. NO.	REV.
DIR/FILE: DOM/ACPI/FloodplainPermit/Doddridge/BufaloCalfFork				1 of 3	0

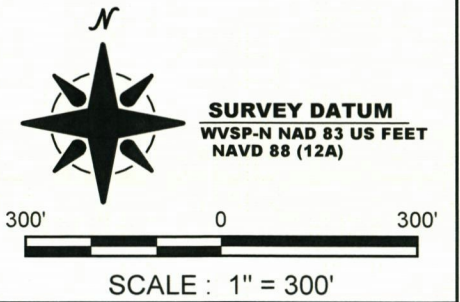
FLOOD PLAIN REFERENCE

THE PROPERTY IS LOCATED IN ZONE A AND X AS SHOWN ON THE FLOOD INSURANCE RATE MAP, 54017C DODDRIDGE COUNTY, WV UN-INCORPORATED AREAS, PANEL NUMBER 0165C, EFFECTIVE DATE OCTOBER 4, 2011.

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ZONE X IS AREAS OF 0.2% ANNUAL CHANCE FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREA LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD.

LIMITS AS SHOWN ON MAP BASED ON REFERENCE MAPS.



SURVEY DATUM
WVSP-N NAD 83 US FEET
NAVD 88 (12A)

300' 0 300'

SCALE : 1" = 300'



LEGEND

- PIPELINE
- 75' RIGHT-OF-WAY
- STREAM
- 100 YEAR FLOODPLAIN
- ACCESS ROAD
- PROPERTY BOUNDARY

GENERAL NOTES AND COMMENTS:

REFERENCE
PIPELINE SURVEY INFORMATION PROVIDED BY GAI CONSULTANTS.
IMAGERY OBTAINED VIA ERSI WORLD IMAGERY, ACCESSED 10/4/16

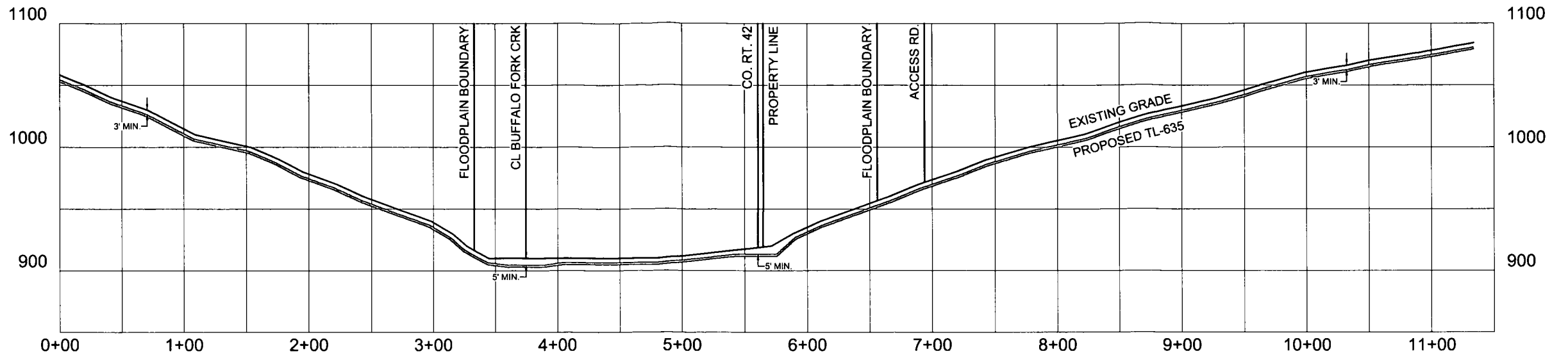
SYM.	DATE	BY	REVISION INFORMATION	PROJECT/TASK	APP.	SEAL

Engineering and Consulting, LLC
INTEGRITY · INITIATIVE · INNOVATION

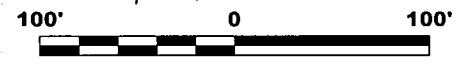
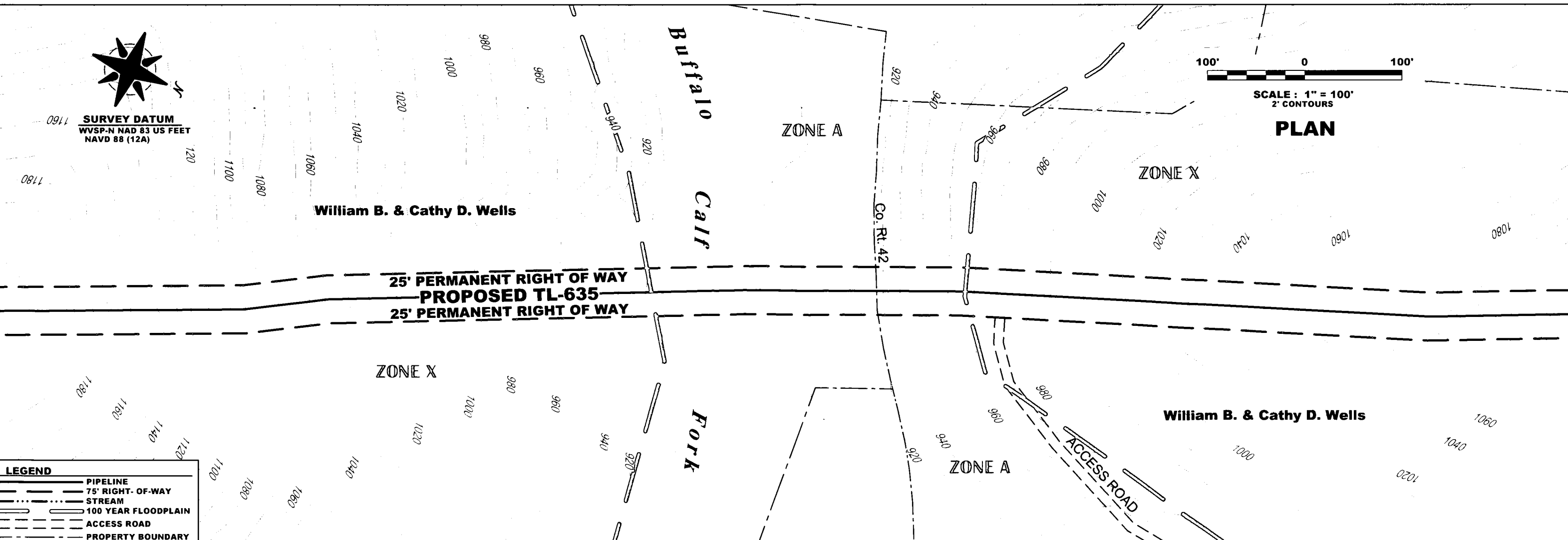
Atlantic Coast Pipeline, LLC
925 White Oaks Blvd. Bridgeport, West Virginia 26330 / 681-842-8000

DRAWN: ALC	6/29/17	<p>TITLE: FLOODPLAIN PROJECT MAP PROPOSED PIPELINE TL-635 CROSSING BUFFALO CALF FORK</p> <p>DISTRICT: GREENBRIER COUNTY: DODDRIDGE STATE: WV GROUP: DWG. NO. REV.</p> <p>SCALE: 1" = 300'</p> <p>DIR:FILE: DOM/ACP/FloodplainPermit/Doddridge/Bufalo/CalfFork</p> <p style="text-align: right;">2 of 3 0</p>
CHECKED: RVS / DLM	6/29/17	
APP. FOR BID:		
APP. FOR CONST.:		

NOTES:
 1. EXISTING GRADE ELEVATIONS PROVIDED IN THE PLAN/PROFILE WILL BE RESTORED TO LIKE ELEVATIONS AFTER CONSTRUCTION; NO CHANGE TO ELEVATIONS ARE PLANNED



PROFILE
 SCALE: 1" = 100' Horizontal & Vertical



SCALE: 1" = 100'
 2' CONTOURS

PLAN



SURVEY DATUM
 WVSP-N NAD 83 US FEET
 NAVD 88 (12A)

LEGEND

	PIPELINE
	75' RIGHT-OF-WAY
	STREAM
	100 YEAR FLOODPLAIN
	ACCESS ROAD
	PROPERTY BOUNDARY

GENERAL NOTES AND COMMENTS REFERENCE: LIDAR ELEVATION DATA PROVIDED BY GAI CONSULTANTS PIPELINE SURVEY INFORMATION PROVIDED BY GAI CONSULTANTS	SYM			DATE	BY	REVISION INFORMATION			PROJECT/TASK	APP	SEAL	 Engineering and Consulting, LLC <small>INTEGRITY · INITIATIVE · INNOVATION</small> Atlantic Coast Pipeline, LLC 925 White Oaks Blvd Bridgeport, West Virginia 26330 / 681-842-8000

ENGINEERING "NO-RISE" CERTIFICATION

This is to certify that I am a duly qualified engineer licensed to practice in the State of West Virginia.

It is to further certify that the attached technical data supports the fact that proposed 30-inch TL-635 Pipeline and associated access roads will not impact the 100-year flood elevations, floodway elevations and floodway widths on Greenbrier Creek at published sections in the Flood Insurance Rate Map for Doddridge County, WV 54017C0255C, dated October 4, 2011 and will not impact the 100-year flood elevations, floodway elevations, and floodway widths at unpublished cross-sections in the vicinity of the proposed development.

Attached are the following documents that support my findings:

Project Location Map

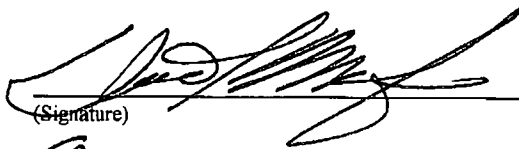
Proposed Pipeline TL-635 Crossing Greenbrier Creek 1 of 3

Flood Plain Project Map

Proposed Pipeline TL-635 Crossing Greenbrier Creek 2 of 3

Plan and Profile

Proposed Pipeline TL-635 Crossing Greenbrier Creek 3 of 3

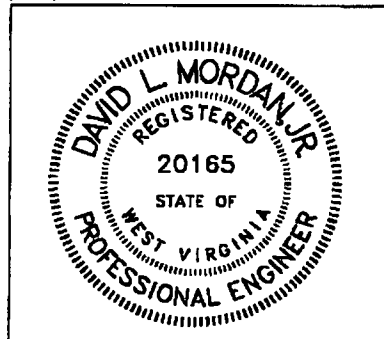

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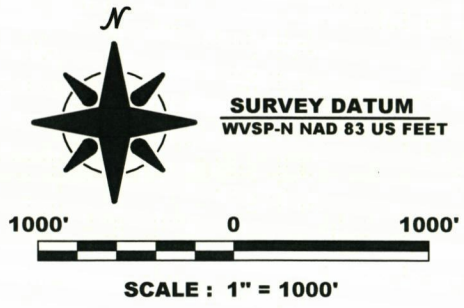
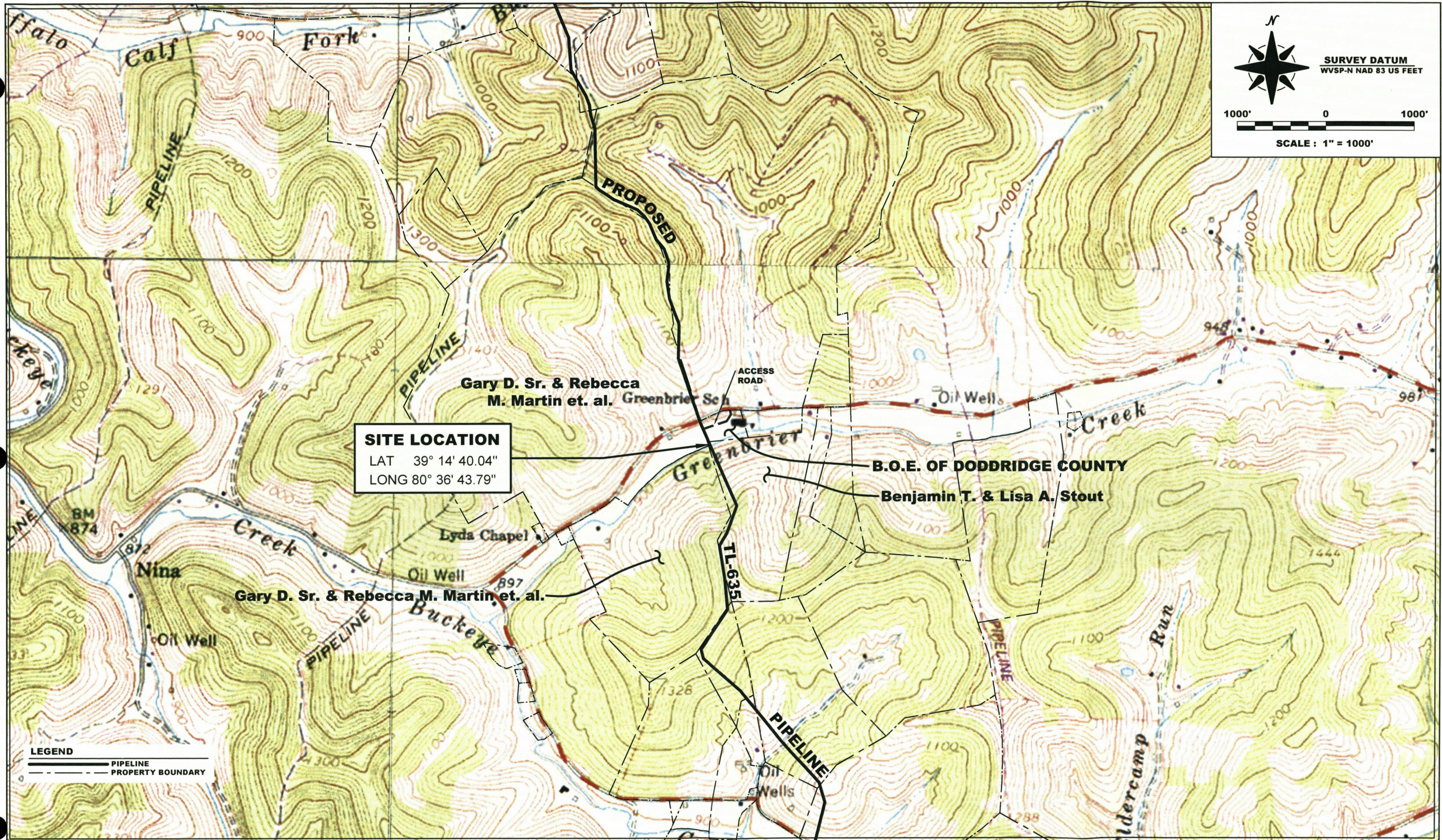
Owner

(Title)

I3 Engineering & Consulting, LLC
1160 Johnson Ave., Suite 101
Bridgeport, WV 26330
Phone 304-848-6730

July 11, 2017
(Date)





SITE LOCATION
 LAT 39° 14' 40.04"
 LONG 80° 36' 43.79"

LEGEND
 ——— PIPELINE
 - - - - - PROPERTY BOUNDARY

GENERAL NOTES AND COMMENTS		SYMBOL		DATE		BY		REVISION INFORMATION		PROJECT/TASK		APP		SEAL	
REFERENCE		DRAWN:		CHECKED:		APP. FOR BID:		APP. FOR CONST.:		SCALE:		TITLE:		DISTRICT:	
PIPELINE SURVEY INFORMATION PROVIDED BY GAI CONSULTANTS		ALC		RVS / DLM						1" = 1000'		PROJECT LOCATION MAP		DISTRICT: GREENBRIER COUNTY: DODDRIDGE STATE: WV	
U.S.G.S. TOPOGRAPHIC MAPS BIG ISAC, NEW MILTON, SALEM & SMITHBURG, WV 7.5' QUADRANGLES		6/30/17		6/30/17								PROPOSED PIPELINE TL-635 CROSSING GREENBRIER CREEK		DWG. NO. 1 of 3	
												GROUP		REV. 0	
												DIR/FILE: DOM/ACP/FloodplainPermit/Doddridge/GreenbrierCreek			

I3 Engineering and Consulting, LLC
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Atlantic Coast Pipeline, LLC
 925 White Oaks Blvd. Bridgeport, West Virginia 26330 / 681-842-8000

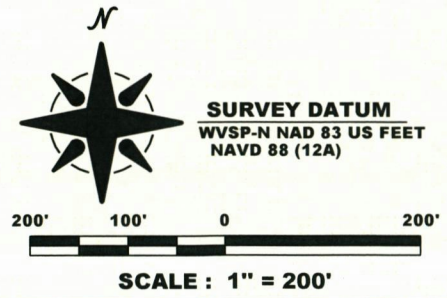
FLOOD PLAIN REFERENCE

THE PROPERTY IS LOCATED IN ZONE AE AND X AS SHOWN ON THE FLOOD INSURANCE RATE MAP, 54017C DODDRIDGE COUNTY, WV. UN-INCORPORATED AREAS, PANEL NUMBER 0255C, EFFECTIVE DATE OCTOBER 4, 2011.

ZONE AE IS AREA DETERMINED TO BE A SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD. THE 1% ANNUAL CHANCE FLOOD (100-YEAR FLOOD), ALSO KNOWN AS THE BASE FLOOD, IS THE FLOOD THAT HAS A 1% CHANCE OF BEING EQUALED OR EXCEEDED IN ANY GIVEN YEAR. BASE FLOOD ELEVATIONS DETERMINED.

ZONE X IS AREAS OF 0.2% ANNUAL CHANCE FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREA LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD.

LIMITS AS SHOWN ON MAP BASED ON REFERENCE MAPS.



SURVEY DATUM
WVSP-N NAD 83 US FEET
NAVD 88 (12A)

200' 100' 0 200'

SCALE: 1" = 200'



LEGEND

- PIPELINE
- 75' RIGHT-OF-WAY
- STREAM
- 100 YEAR FLOODPLAIN
- ACCESS ROAD
- PROPERTY BOUNDARY

GENERAL NOTES AND COMMENTS		SYMBOL		DATE	BY	REVISION INFORMATION		PROJECT/TASK	APP	SEAL
REFERENCE		PIPELINE SURVEY INFORMATION PROVIDED BY GAI CONSULTANTS								
IMAGERY OBTAINED VIA ERSI WORLD IMAGERY, ACCESSED 10/4/16										

I3 Engineering and Consulting, LLC
INTEGRITY • INITIATIVE • INNOVATION

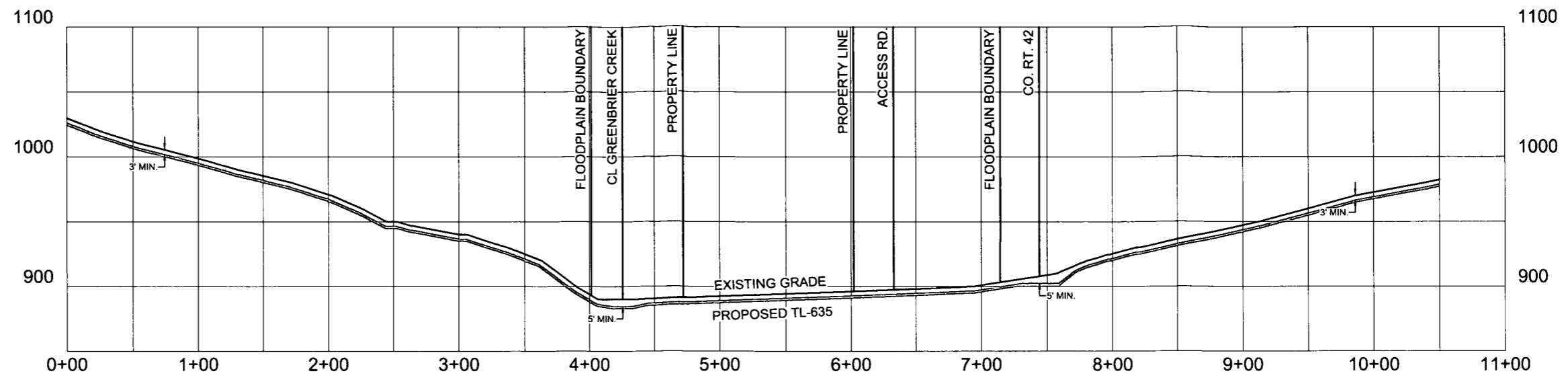
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CHECKED:	RVS / DLM	6/30/17
APP. FOR BID:		
APP. FOR CONST.:		
SCALE:	1" = 200'	

Atlantic Coast Pipeline, LLC
925 White Oaks Blvd. Bridgeport, West Virginia 26330 / 681-842-8000

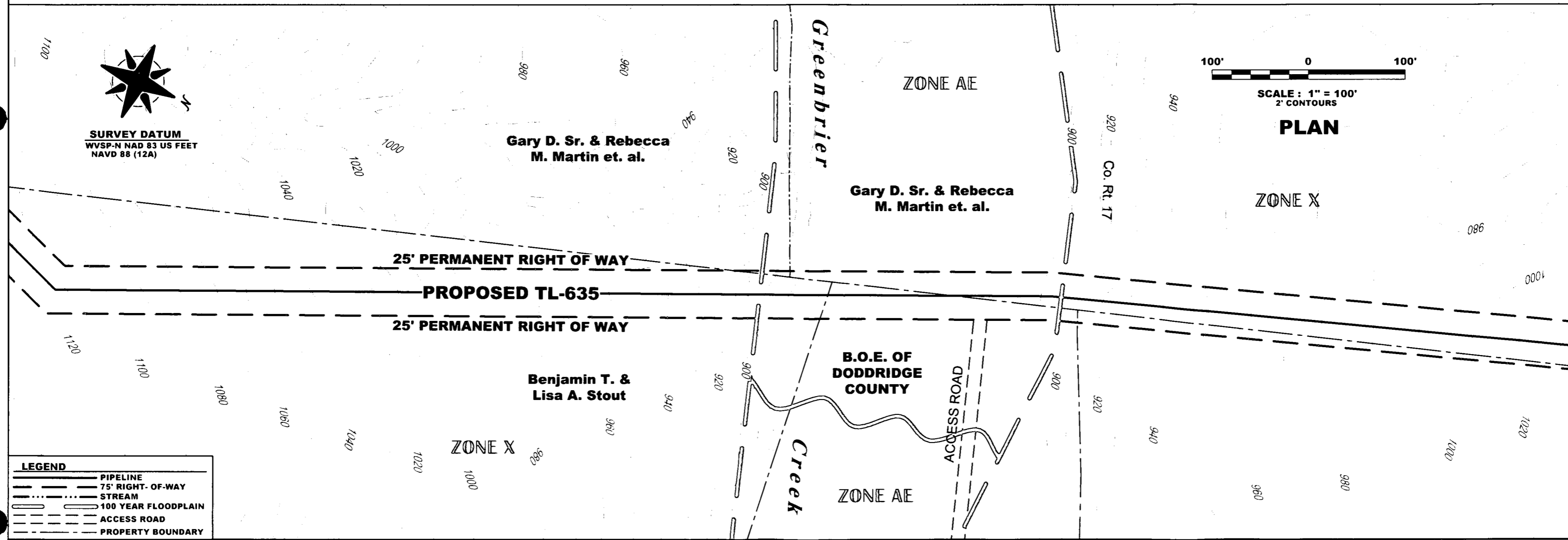
TITLE: FLOODPLAIN PROJECT MAP
PROPOSED PIPELINE TL-635 CROSSING GREENBRIER CREEK

DISTRICT:	GREENBRIER	COUNTY:	DODDRIDGE	STATE:	WV	GROUP		DWG. NO.	2 of 3	REV.	0
DIR/FILE:	DOM/ACP/FloodplainPermit/Doddridge/GreenbrierCreek										

NOTES:
 1. EXISTING GRADE ELEVATIONS PROVIDED IN THE PLAN/PROFILE WILL BE RESTORED TO LIKE ELEVATIONS AFTER CONSTRUCTION; NO CHANGE TO ELEVATIONS ARE PLANNED



PROFILE
 SCALE: 1" = 100' Horizontal & Vertical



LEGEND

	PIPELINE
	75' RIGHT-OF-WAY
	STREAM
	100 YEAR FLOODPLAIN
	ACCESS ROAD
	PROPERTY BOUNDARY

GENERAL NOTES AND COMMENTS

REFERENCE
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 PIPELINE SURVEY INFORMATION PROVIDED BY GAI CONSULTANTS

SYM	DATE	BY	REVISION INFORMATION	PROJECT/TASK	APP	SEAL

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CHECKED		RVS / DLM	6/30/17
APP FOR BID			
APP FOR CONST.			
SCALE		1" = 100'	

Engineering and Consulting, LLC
 INTELLIGENCE • INITIATIVE • INNOVATION

Atlantic Coast Pipeline, LLC
 925 White Oaks Blvd Bridgeport, West Virginia 26330 / 681-842-8000

PLAN & PROFILE
PROPOSED PIPELINE TL-635 CROSSING GREENBRIER CREEK

DISTRICT	GREENBRIER	COUNTY	DODDRIDGE	STATE	WV	GROUP	DWG NO	REV
DIR/FILE	DOM/ACP/FloodplainPermit/Doddridge/GreenbrierCreek						3 of 3	0

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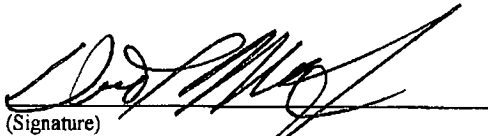
Proposed Pipeline TL-635 Crossing Buckeye Creek 1 of 3

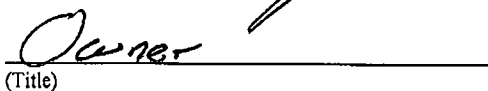
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Plan and Profile

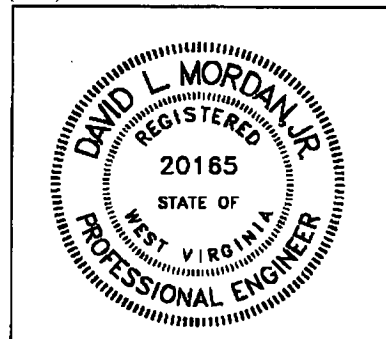
Proposed Pipeline TL-635 Crossing Buckeye Creek 3 of 3

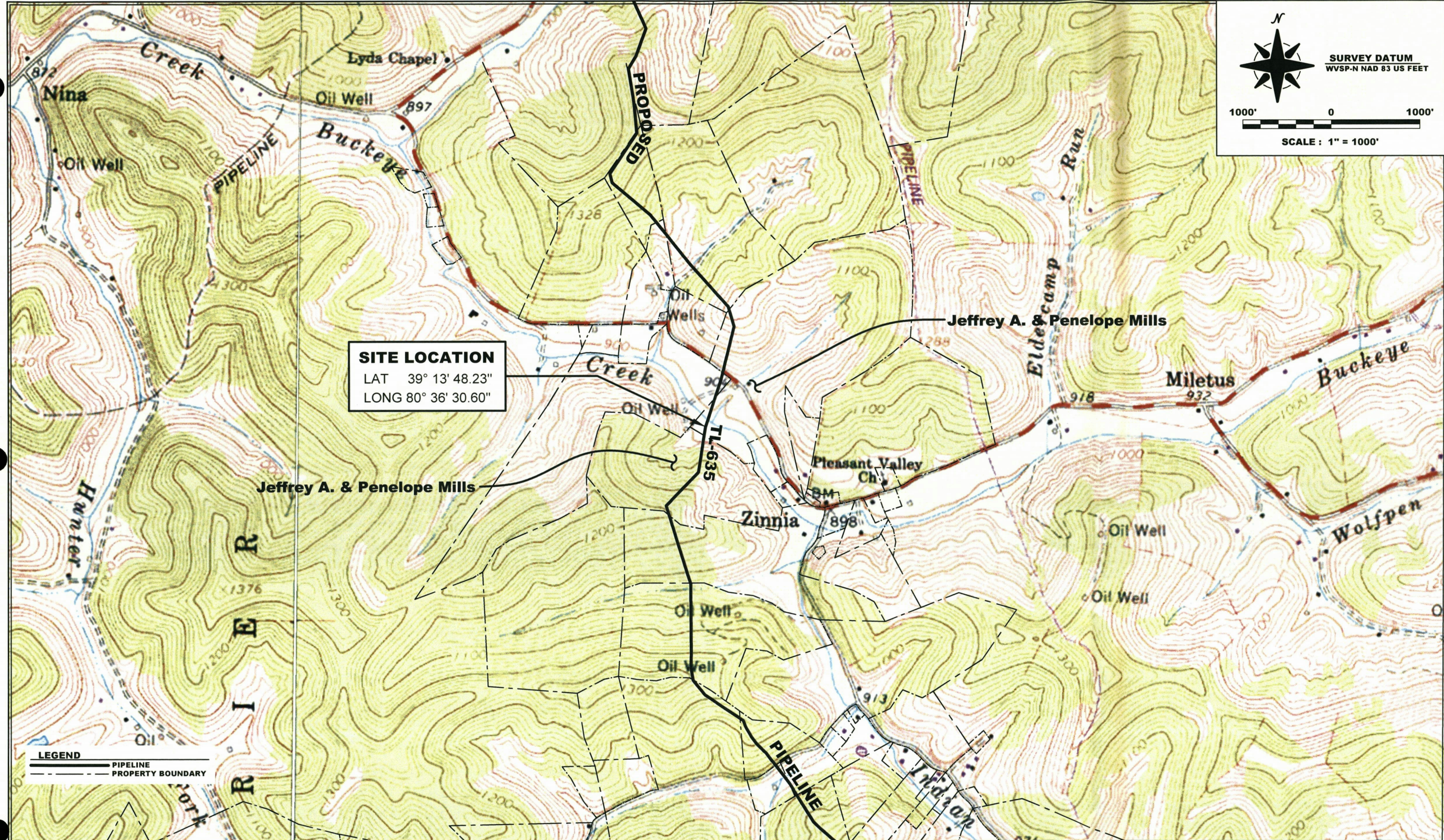

(Signature)


(Title)


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1160 Johnson Ave., Suite 101
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Phone 304-848-6730

July 11, 2017
(Date)





N



SURVEY DATUM
WVSP-N NAD 83 US FEET

1000' 0 1000'

SCALE : 1" = 1000'

SITE LOCATION
 LAT 39° 13' 48.23"
 LONG 80° 36' 30.60"

LEGEND
 ——— PIPELINE
 - - - - - PROPERTY BOUNDARY

<p>GENERAL NOTES AND COMMENTS</p> <p>REFERENCE PIPELINE SURVEY INFORMATION PROVIDED BY GAI CONSULTANTS. U.S.G.S. TOPOGRAPHIC MAPS BIG ISAAC & NEW MILTON, WV 7.5' QUADRANGLES</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>SYM</th> <th>DATE</th> <th>BY</th> <th>REVISION INFORMATION</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	SYM	DATE	BY	REVISION INFORMATION																																	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>PROJECT/TASK</th> <th>APP</th> <th>SEAL</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	PROJECT/TASK	APP	SEAL																									<p style="text-align: center;">Engineering and Consulting, LLC <small>INTEGRITY • INITIATIVE • INNOVATION</small></p> <p style="text-align: center;">Atlantic Coast Pipeline, LLC <small>925 White Oaks Blvd. Bridgeport, West Virginia 26330 / 681-842-8000</small></p> <p style="text-align: center;">PROJECT LOCATION MAP PROPOSED PIPELINE TL-635 CROSSING BUCKEYE CREEK</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>DISTRICT: GREENBRIER</td> <td>COUNTY: DODDRIDGE</td> <td>STATE: WV</td> <td>GROUP</td> <td>DWG. NO.</td> <td>REV.</td> </tr> <tr> <td colspan="3">DIR/FILE: DOM/ACP/FloodplanPermit/Doddridge/BuckeyeCreek</td> <td>1 of 3</td> <td>0</td> <td> </td> </tr> </table>	DISTRICT: GREENBRIER	COUNTY: DODDRIDGE	STATE: WV	GROUP	DWG. NO.	REV.	DIR/FILE: DOM/ACP/FloodplanPermit/Doddridge/BuckeyeCreek			1 of 3	0	
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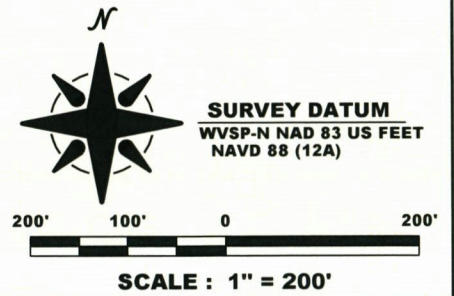
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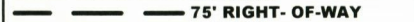




SURVEY DATUM
WVSP-N NAD 83 US FEET
NAVD 88 (12A)

200' 100' 0 200'

SCALE : 1" = 200'



LEGEND

-  PIPELINE
-  75' RIGHT-OF-WAY
-  STREAM
-  100 YEAR FLOODPLAIN
-  ACCESS ROAD
-  PROPERTY BOUNDARY

GENERAL NOTES AND COMMENTS		SYMBOL	DATE	BY	REVISION INFORMATION	PROJECT/TASK	APP.	SEAL
REFERENCE								
PIPELINE SURVEY INFORMATION PROVIDED BY GAI CONSULTANTS.								
IMAGERY OBTAINED VIA ERSI WORLD IMAGERY, ACCESSED 10/4/16								

I3 Engineering and Consulting, LLC
INTEGRITY • INITIATIVE • INNOVATION

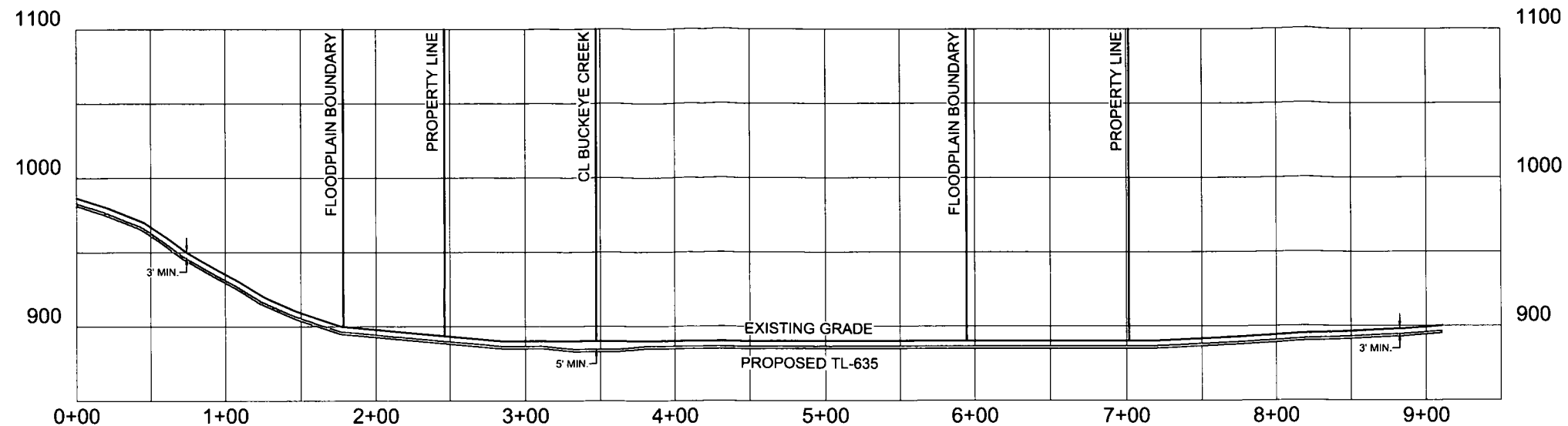
DRAWN:	ALC	6/30/17
CHECKED:	RVS / DLM	6/30/17
APP. FOR BID:		
APP. FOR CONST.:		
SCALE:	1" = 200'	

Atlantic Coast Pipeline, LLC
925 White Oaks Blvd. Bridgeport, West Virginia 26330 / 681-842-8000

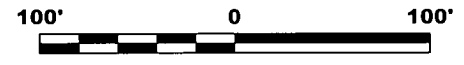
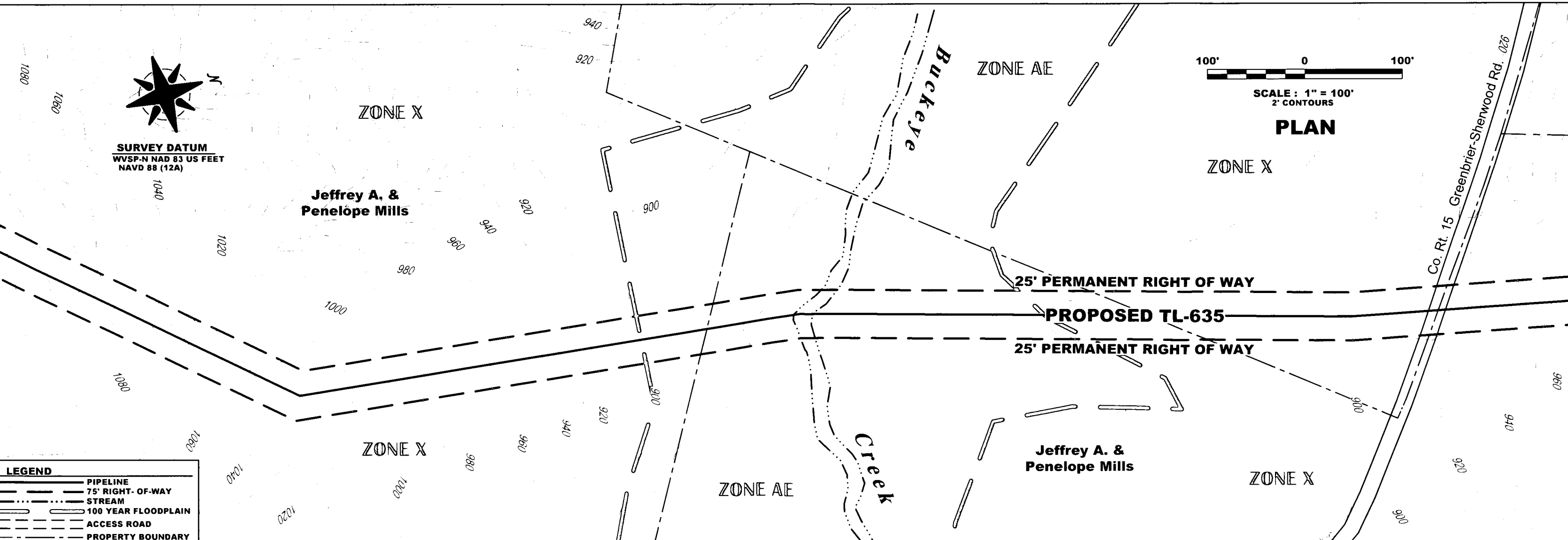
TITLE: FLOODPLAIN PROJECT MAP
PROPOSED PIPELINE TL-635 CROSSING BUCKEYE CREEK

DISTRICT: GREENBRIER	COUNTY: DODDRIDGE	STATE: WV	GROUP	DWG. NO.	REV.
DIR/FILE: DOM/ACP/FloodplainPermit/Doddridge/BuckeyeCreek				2 of 3	0

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PROFILE
 SCALE : 1" = 100' Horizontal & Vertical



SCALE : 1" = 100'
 2' CONTOURS

PLAN



SURVEY DATUM
 WVSP-N NAD 83 US FEET
 NAVD 88 (12A)

LEGEND

	PIPELINE
	75' RIGHT-OF-WAY
	STREAM
	100 YEAR FLOODPLAIN
	ACCESS ROAD
	PROPERTY BOUNDARY

GENERAL NOTES AND COMMENTS

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Engineering and Consulting, LLC INTEGRITY · INITIATIVE · INNOVATION		
DRAWN	ALC	6/30/17
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APP. FOR BID		
APP. FOR CONST		
SCALE	1" = 100'	

Atlantic Coast Pipeline, LLC
 925 White Oaks Blvd Bridgeport, West Virginia 26330 / 681-842-8000

PLAN & PROFILE
PROPOSED PIPELINE TL-635 CROSSING BUCKEYE CREEK

DISTRICT: GREENBRIER	COUNTY: DODDRIDGE	STATE: WV	GROUP	DWG. NO	REV
DIR/FILE: DOMIACPI\Floodplan\Permit\Doddridge\BuckeyeCreek				3 of 3	0

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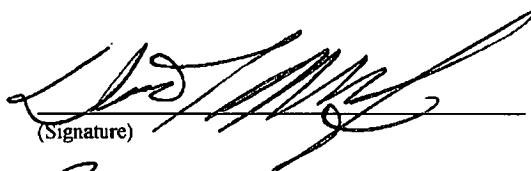
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Flood Plain Project Map

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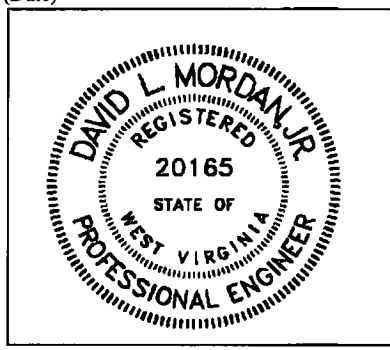
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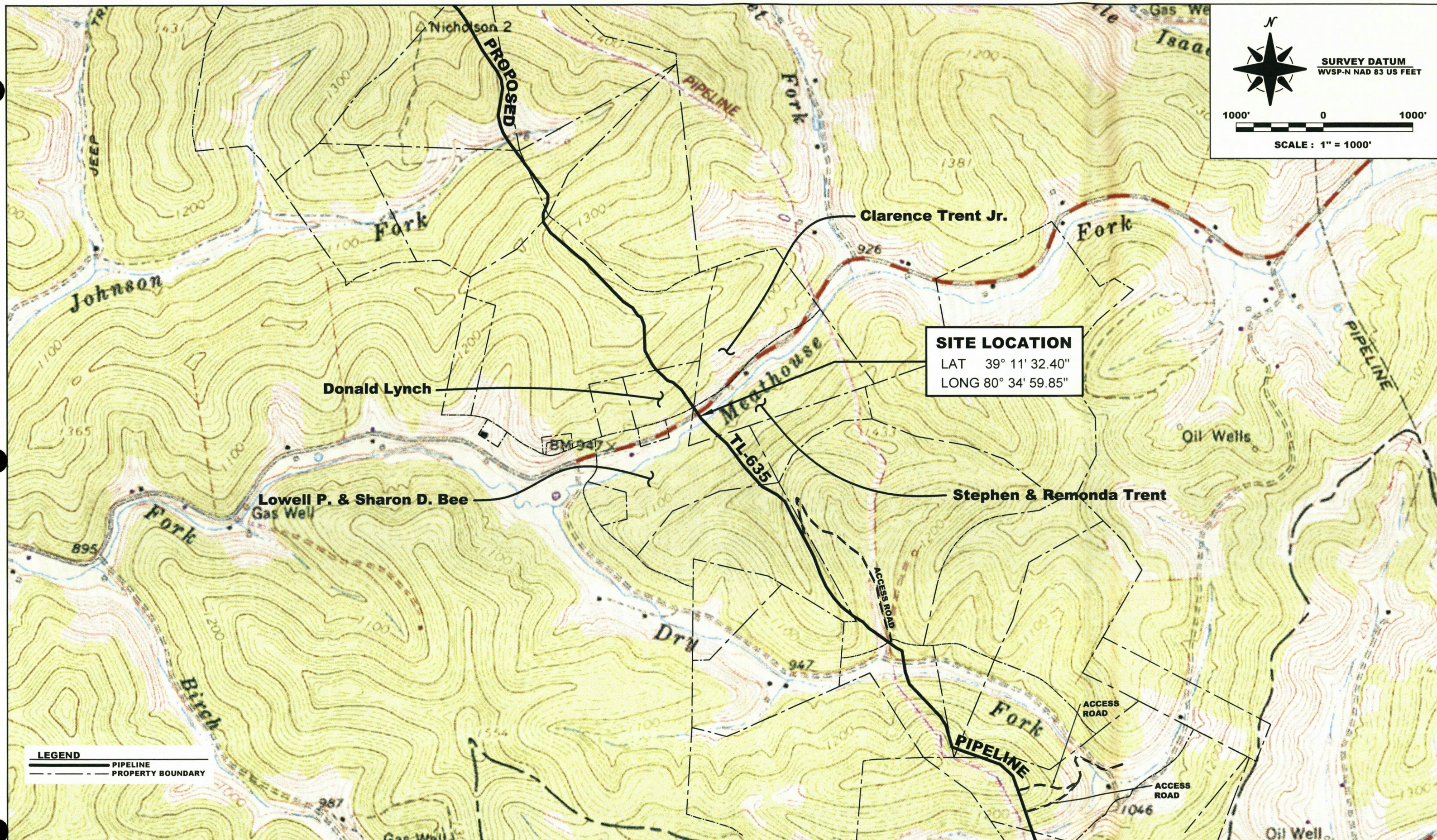
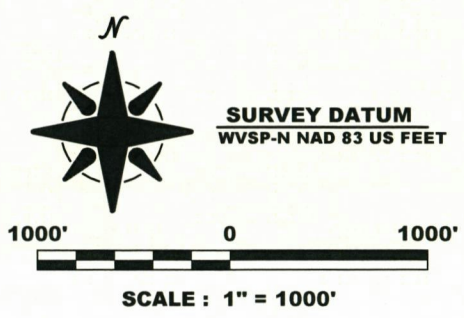

(Signature)

Owner
(Title)

I3 Engineering & Consulting, LLC
1160 Johnson Ave., Suite 101
Bridgeport, WV 26330
Phone 304-848-6730

July 11, 2017
(Date)





LEGEND
 ——— PIPELINE
 - - - - - PROPERTY BOUNDARY

GENERAL NOTES AND COMMENTS	SYMBOL		DATE	BY	REVISION INFORMATION		PROJECT/TASK	APP	SEAL
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APP. FOR BID:				DISTRICT: GREENBRIER COUNTY: DODDRIDGE STATE: WV		GROUP	DWG. NO.	REV.	
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SCALE: 1" = 1000'									

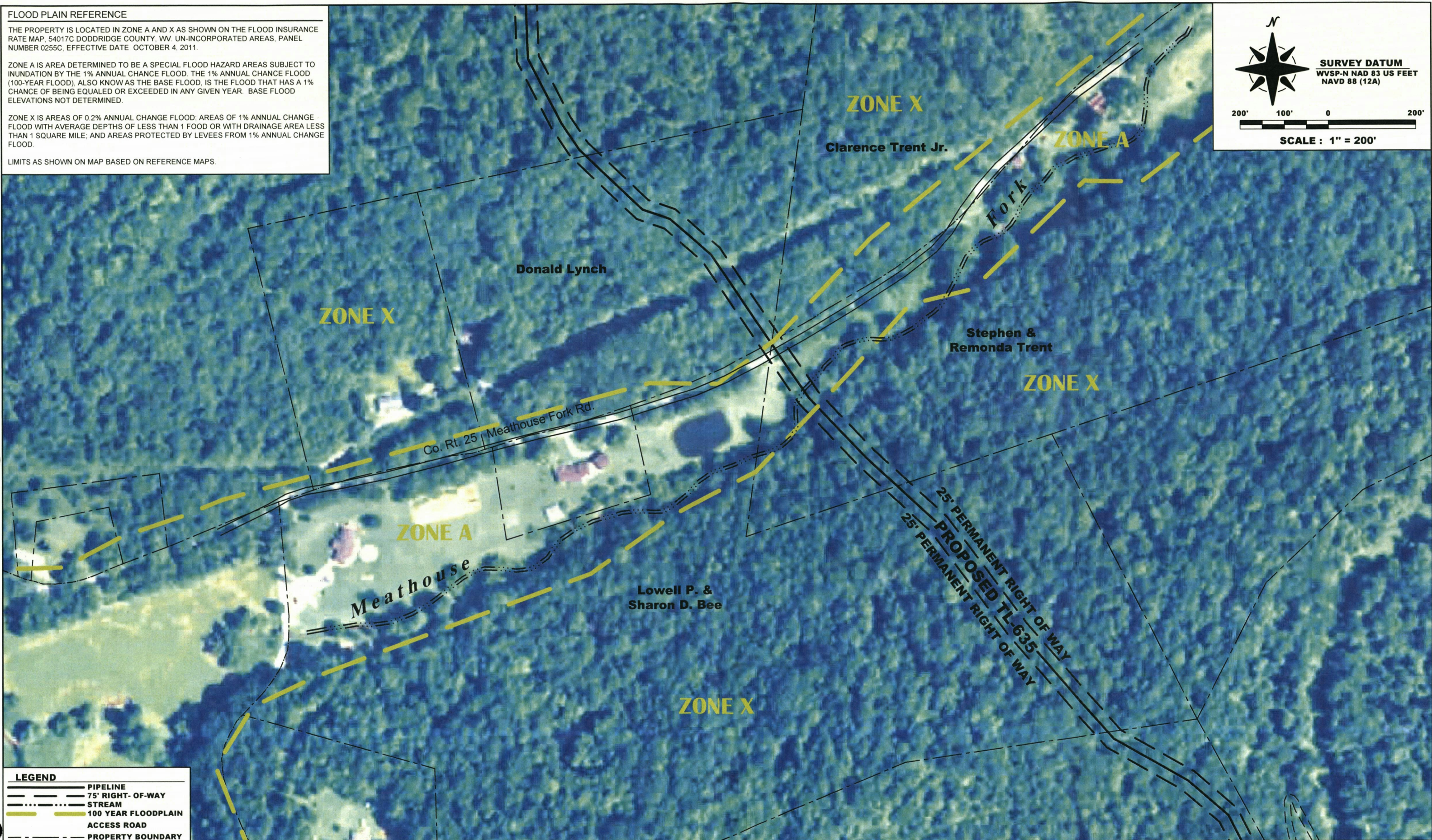
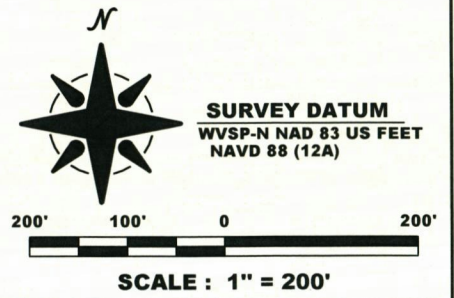
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LIMITS AS SHOWN ON MAP BASED ON REFERENCE MAPS.



LEGEND

- PIPELINE
- 75' RIGHT-OF-WAY
- STREAM
- 100 YEAR FLOODPLAIN
- ACCESS ROAD
- PROPERTY BOUNDARY

GENERAL NOTES AND COMMENTS

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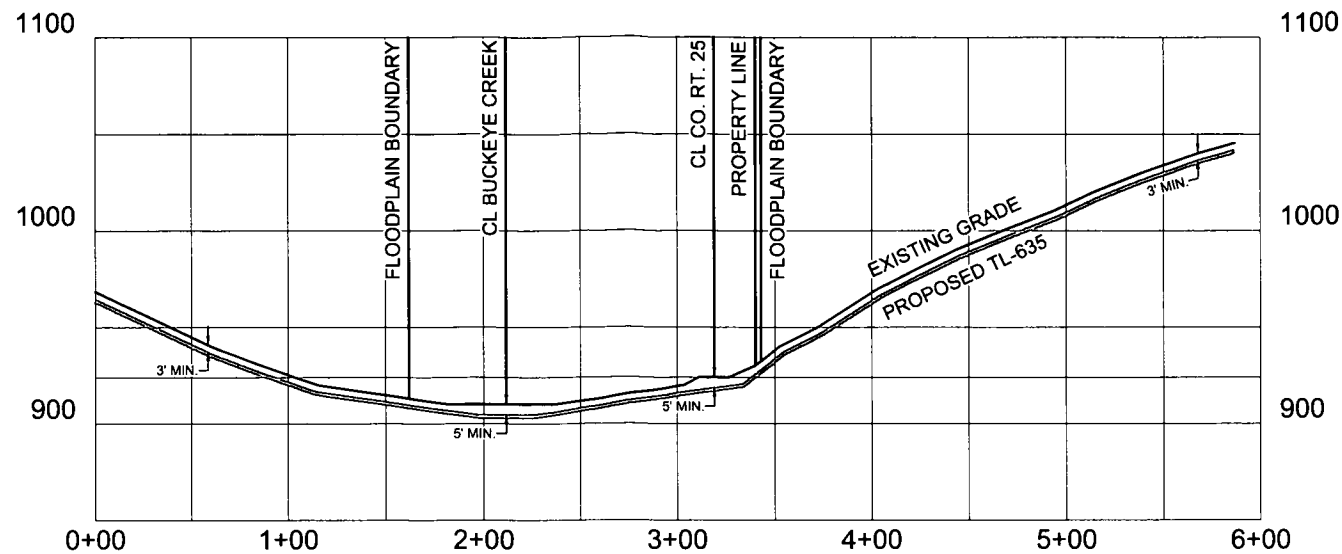
Atlantic Coast Pipeline, LLC
 925 White Oaks Blvd. Bridgeport, West Virginia 26330 / 681-842-8000

TITLE: FLOODPLAIN PROJECT MAP
PROPOSED PIPELINE TL-635 CROSSING MEATHOUSE FORK

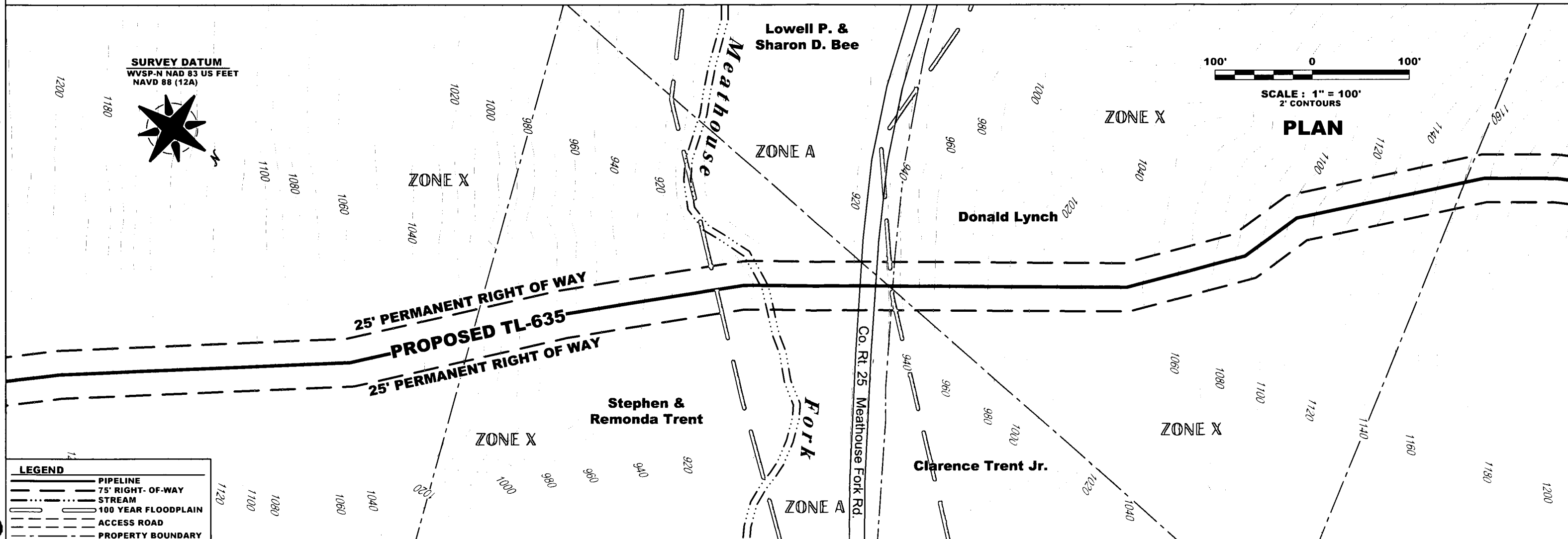
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NOTES:

- EXISTING GRADE ELEVATIONS PROVIDED IN THE PLAN/PROFILE WILL BE RESTORED TO LIKE ELEVATIONS AFTER CONSTRUCTION; NO CHANGE TO ELEVATIONS ARE PLANNED



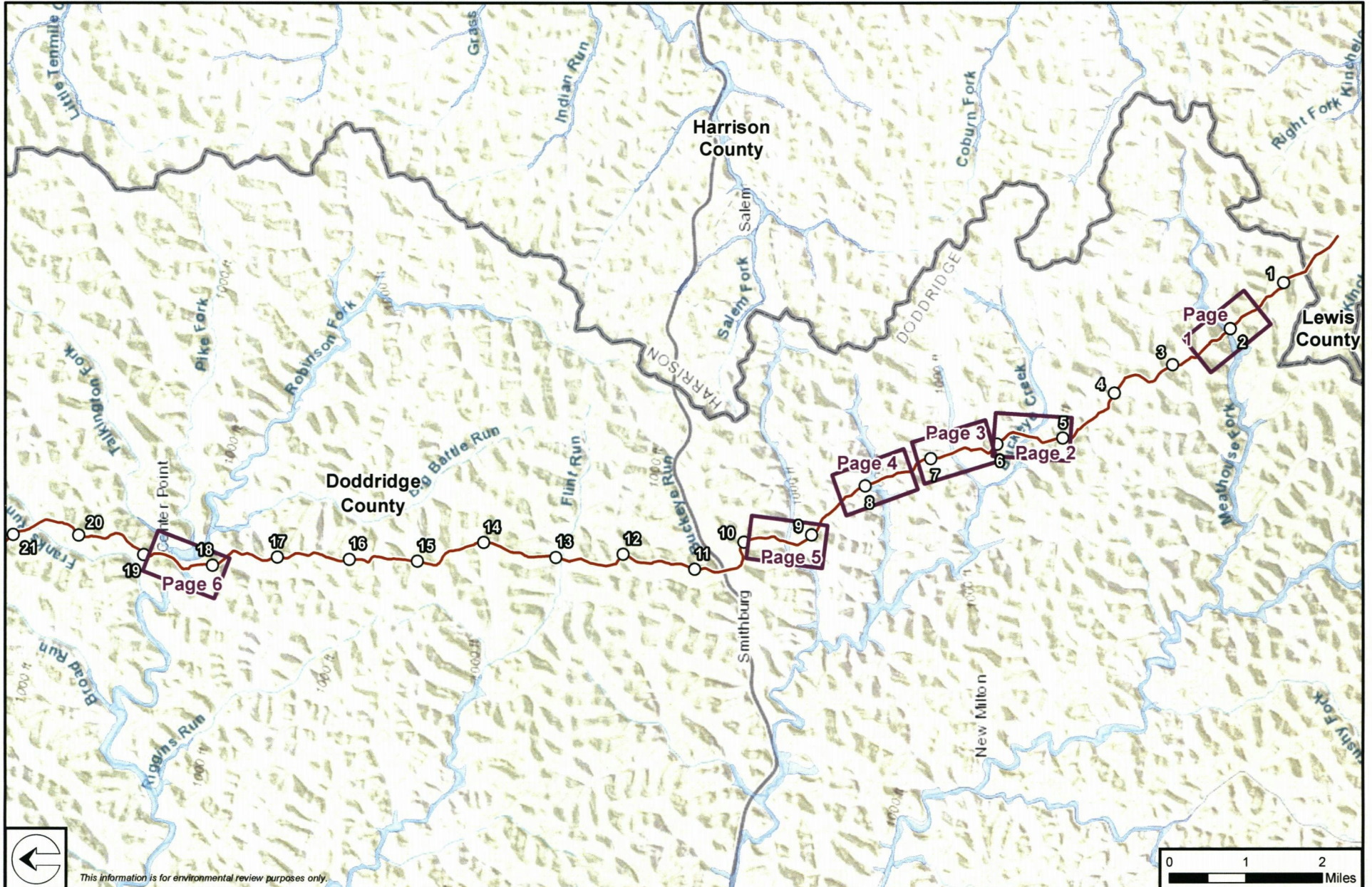
PROFILE
SCALE: 1" = 100' Horizontal & Vertical



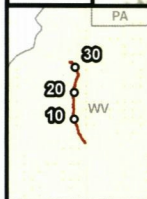
LEGEND

	PIPELINE
	75' RIGHT-OF-WAY
	STREAM
	100 YEAR FLOODPLAIN
	ACCESS ROAD
	PROPERTY BOUNDARY

GENERAL NOTES AND COMMENTS		REVISION INFORMATION		PROJECT/TASK		SEAL		Engineering and Consulting, LLC DISTRICT GREENBRIER COUNTY DODDRIDGE STATE WV GROUP Atlantic Coast Pipeline, LLC 925 White Oaks Blvd Bridgeport, West Virginia 26330 / 681-842-8000	
REFERENCE: LIDAR ELEVATION DATA PROVIDED BY GAI CONSULTANTS PIPELINE SURVEY INFORMATION PROVIDED BY GAI CONSULTANTS		SYM	DATE	BY	APP	APP FOR BID	APP FOR CONST.		
								DISTRICT GREENBRIER COUNTY DODDRIDGE STATE WV GROUP	
								DWG NO 3 of 3	
								REV 0	



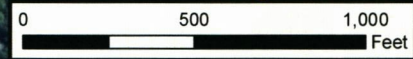
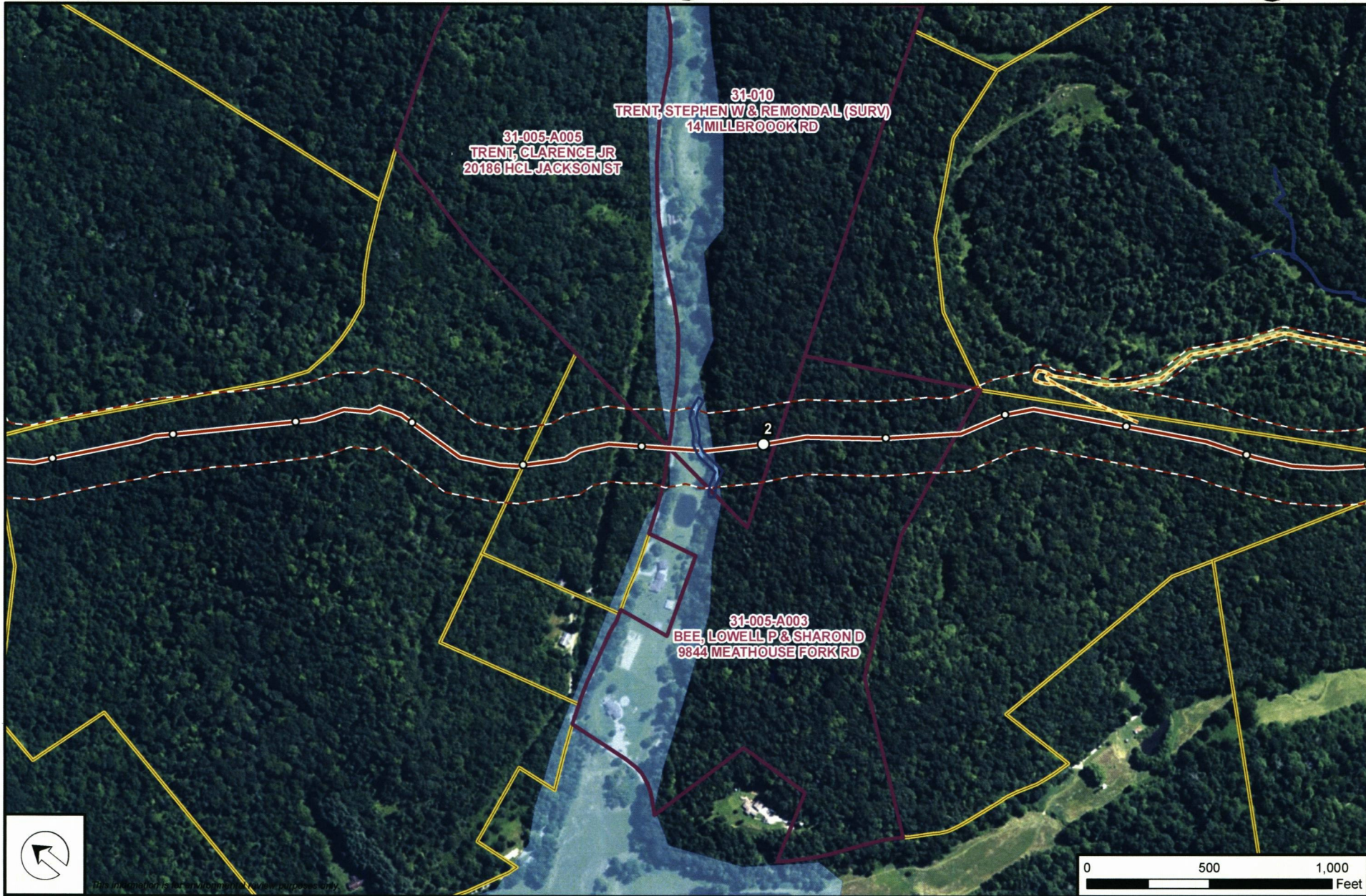
This information is for environmental review purposes only.



- Mileposts
- Proposed Centerline (TL-635)
- ▭ Page Index
- ▭ FEMA Floodplains

Supply Header Project
Attachment 4
Floodplain Permit Maps
 Doddridge County, West Virginia

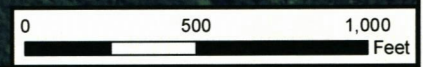
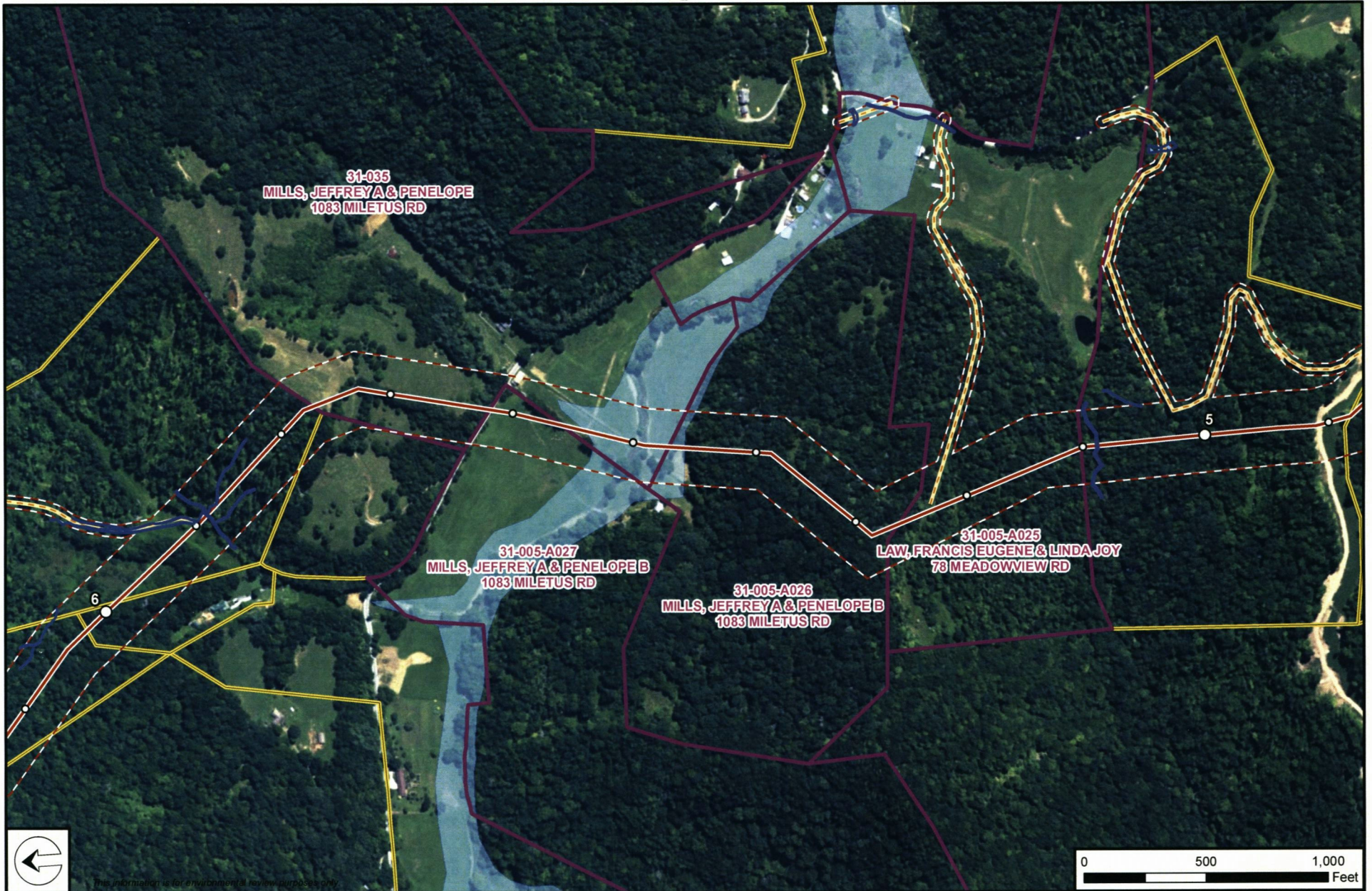




- Mileposts
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- - - Access Road
- - - Study Area
- ▭ Crossed Parcel Boundary
- ▭ Project Parcels
- ▭ Floodplain
- ▨ Surveyed Waterbody

Supply Header Project
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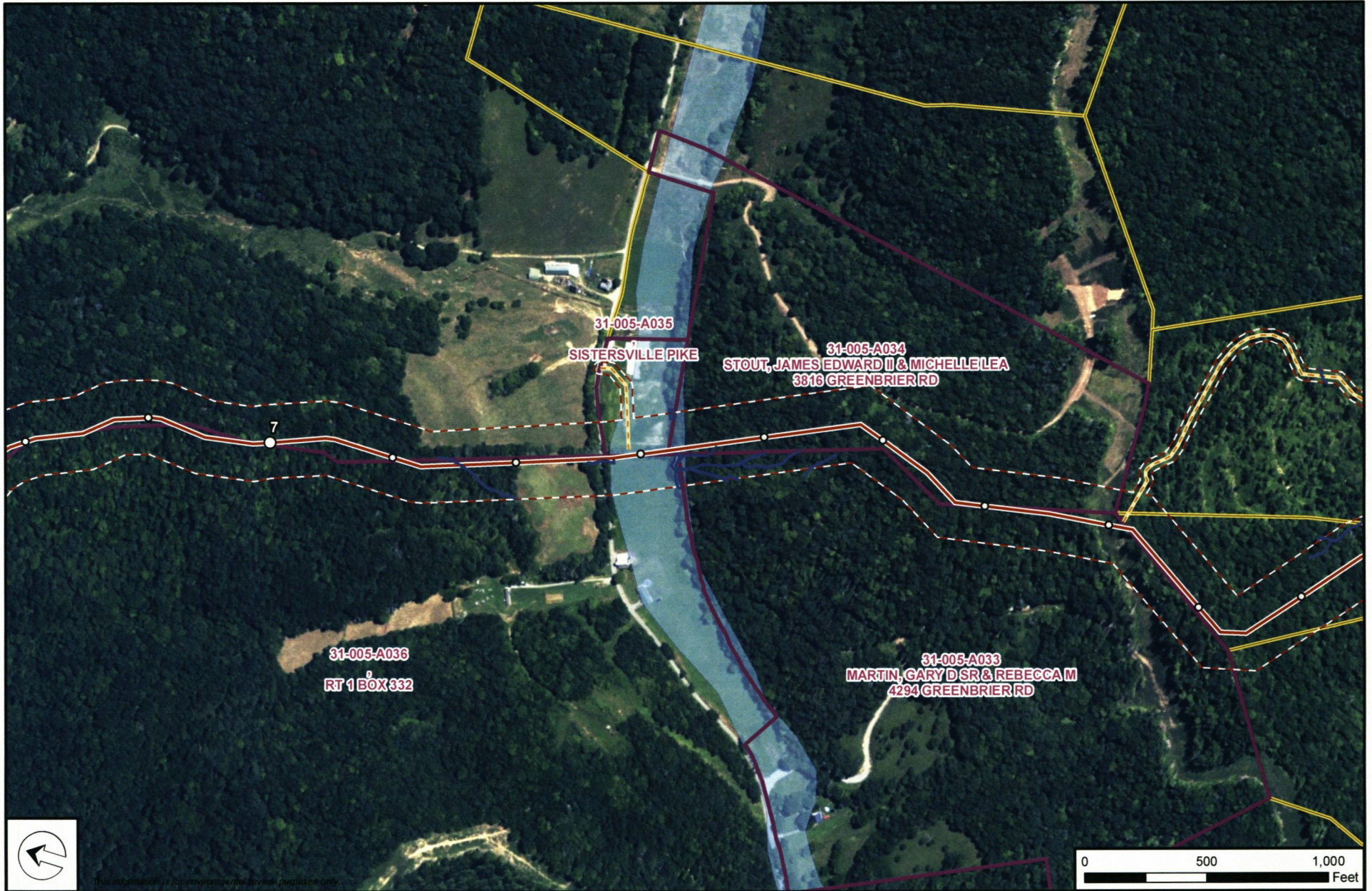




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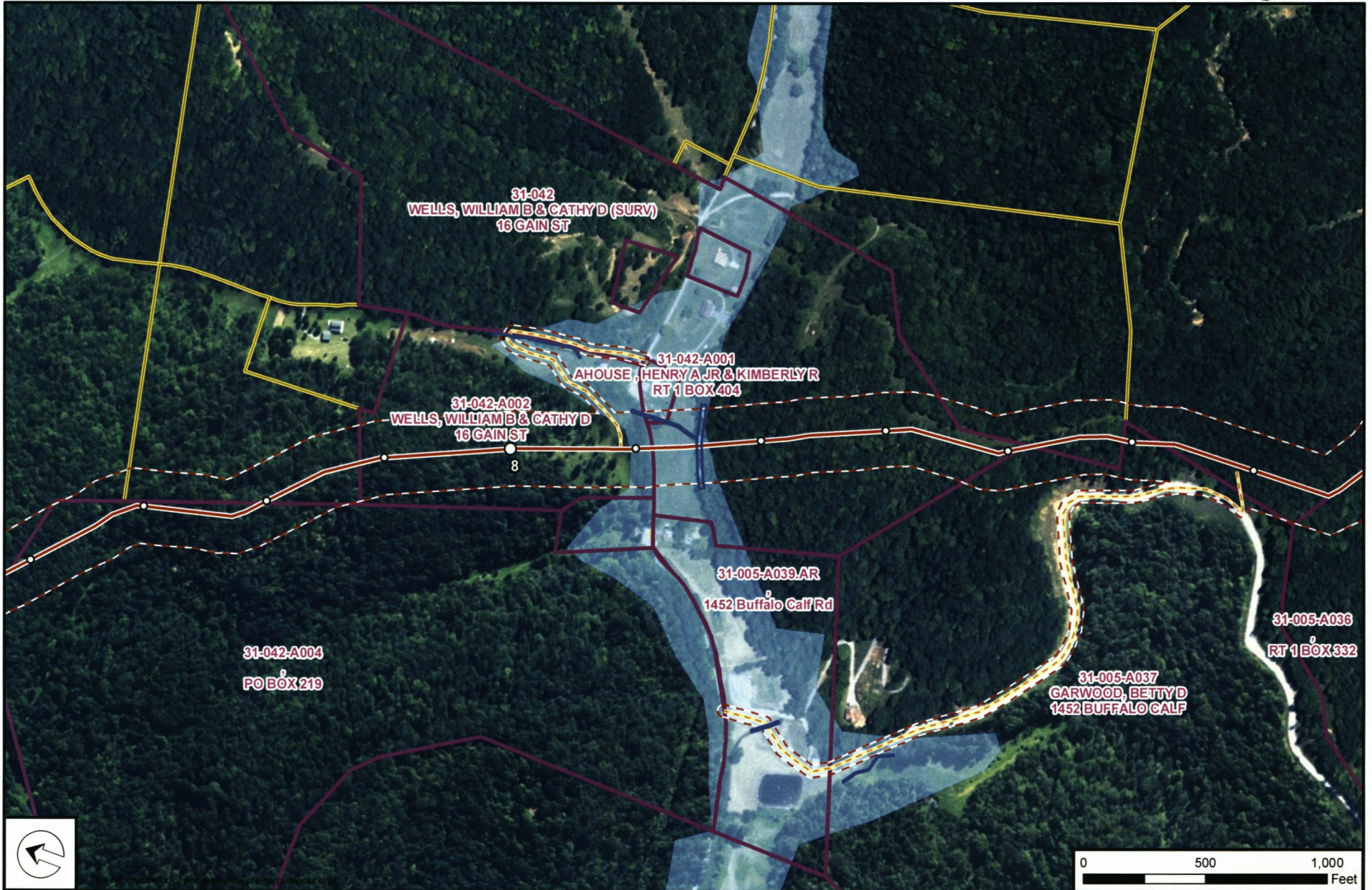




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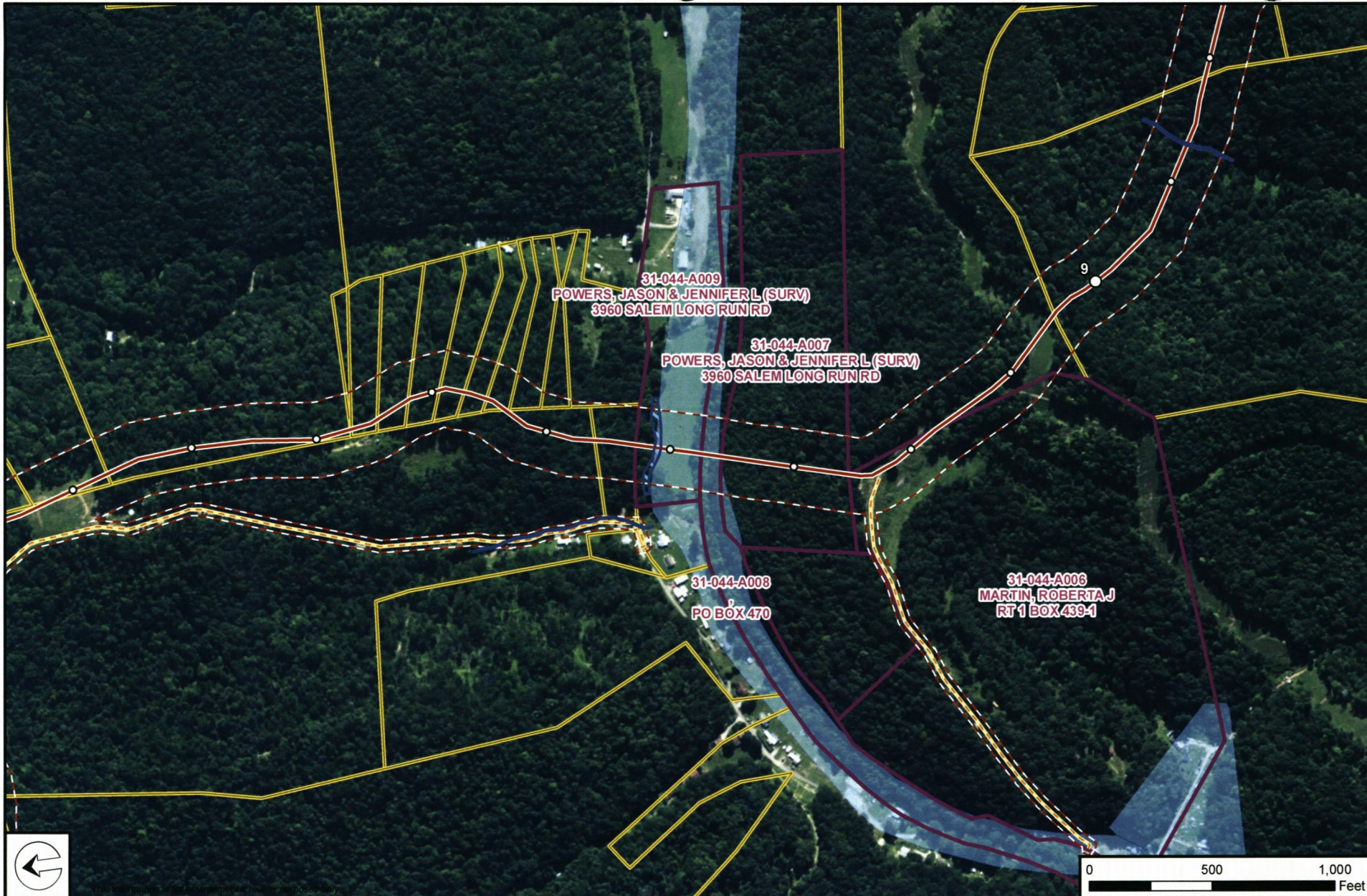




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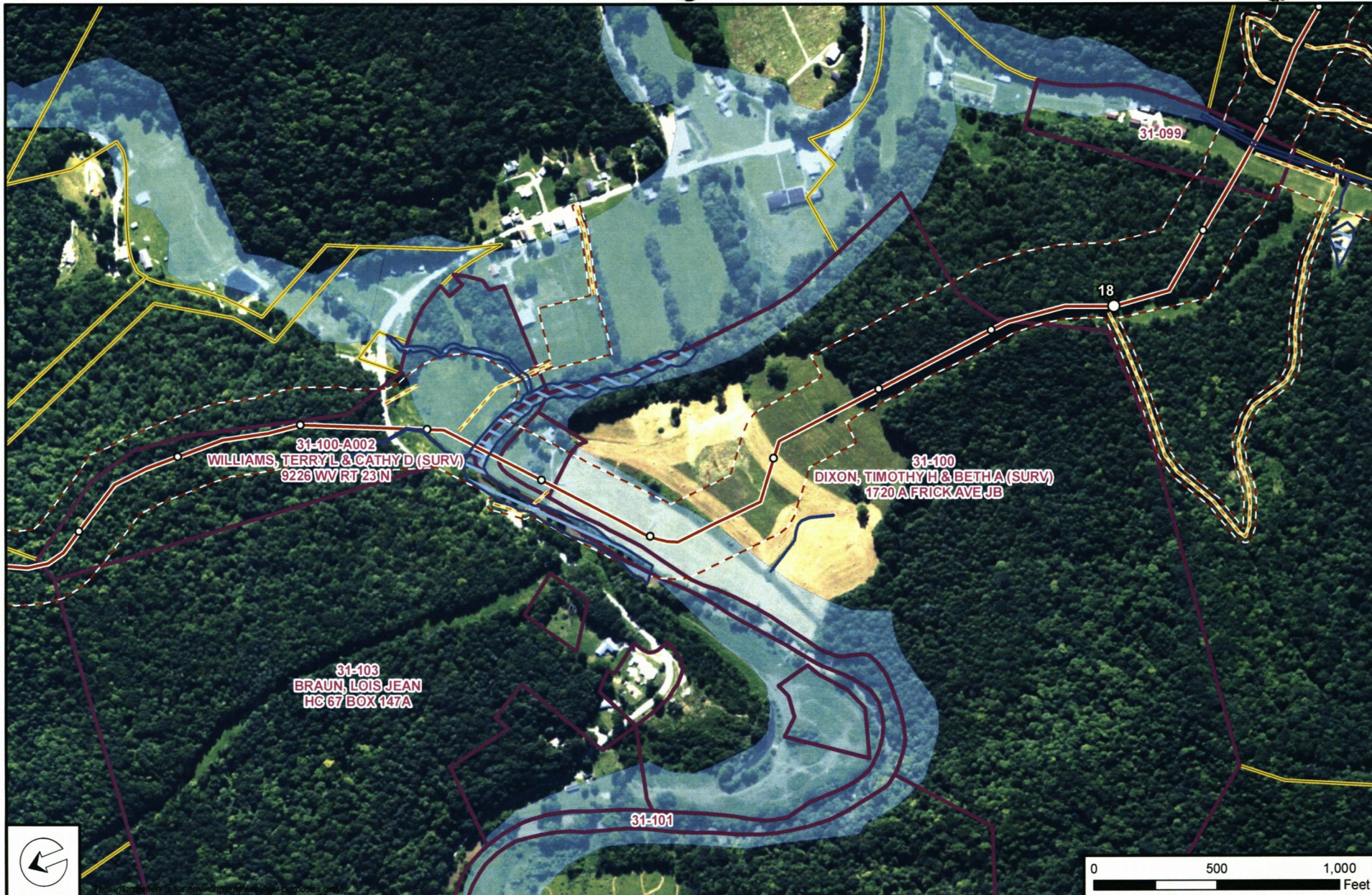




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The Doddridge Independent

The Doddridge Independent PUBLISHER'S CERTIFICATE

I, Michael D. Zorn, Publisher of The Doddridge Independent, A newspaper of general circulation published in the town of West Union, Doddridge County, West Virginia, do hereby certify that:

Please take notice that on the {18th} of (March), 2019 (Dominion Energy) filed an application for a Floodplain Permit (#19-546) to develop land located at or about (Doddridge County); Coordinates: See Attached list. The Application is on file with the Floodplain Manager of the County and may be inspected or copied during regular business hours in accordance to WV Code Chapter 29B Freedom of Information, Article 1 Public Records and county policy and procedures. Any interested persons who desire to

was published in The Doddridge Independent 2 times commencing on Friday, March 22, 2019 and Ending on Friday, March 29, 2019 at the request of:

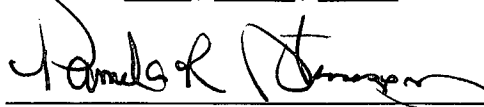
George Eidel, Doddridge County Floodplain Manager & Doddridge County Commission

Given under my hand this Monday, April 8, 2019

The publisher's fee for said publication is:
\$ 74.55 1st Run/\$ 55.91 Subsequent Runs
This Legal Ad Total: \$ 130.46


 Michael D. Zorn
 Publisher of The Doddridge Independent

Subscribed to and sworn to before me on
 this date: 4 / 10 / 19


 Notary Public in and for Doddridge County
 My Commission expires on
 The 17th day of May 20 19

Floodplain Public Notice • Legal Notice

Please take notice that on the {18th} of (March), 2019, (Dominion Energy) filed an application for a Floodplain Permit (#19-546) to develop land located at or about (Doddridge County) Coordinates: See Attached list. The Application is on file with the Floodplain Manager of the County and may be inspected or copied during regular business hours in accordance to WV Chapter 29B Freedom of Information, Article 1 Public Records and county policy and procedure. Any interested persons who desire to comment shall present the same in writing by (April 2019) (20 calendar days after the announcement at the regularly scheduled Doddridge County Commission Meeting), delivered to the Floodplain Manager of the County at 105 Court Street Suite #3, West Union, WV 26456. This project is a renewal of FP #17-491 Supply Header Pipeline Project.

Permit Number	Crossing Name	Coordinates	FIRM Panel Number
17-491 (a)	McElroy Creek	39.39296111 N; -80.63759722 W	54017C0
17-491 (b)	Long Run	39.27676667 N; -80.63356667 W	54017C0
17-491 (c)	Buffalo Calf Fork	39.25943333 N; -80.61926111 W	54017C0
17-491 (d)	Greenbrier Creek	39.24445556 N; -80.61194444 W	54017C0
17-491 (e)	Buckeye Creek	39.23006389 N; -80.60833333 W	54017C0
17-491 (f)	Meathouse Fork	39.19233333 N; -80.58305556 W	54017C0

Dominion Energy- Atlantic Coast Pipeline Supply Header Pipeline Project (S)
Floodplain Permit Number
Old FP #17-491
New FP #19-546

C2 3/22 - 3/29