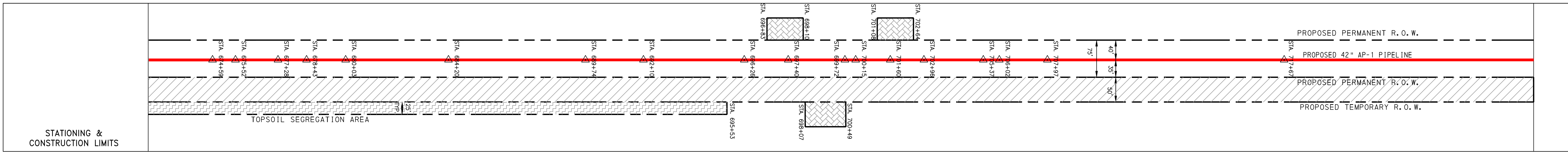
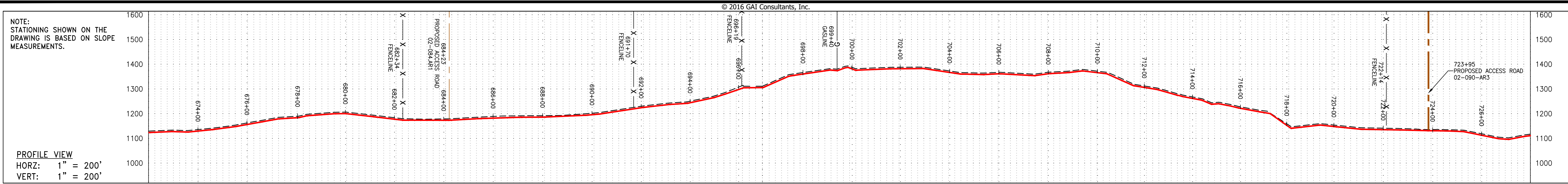
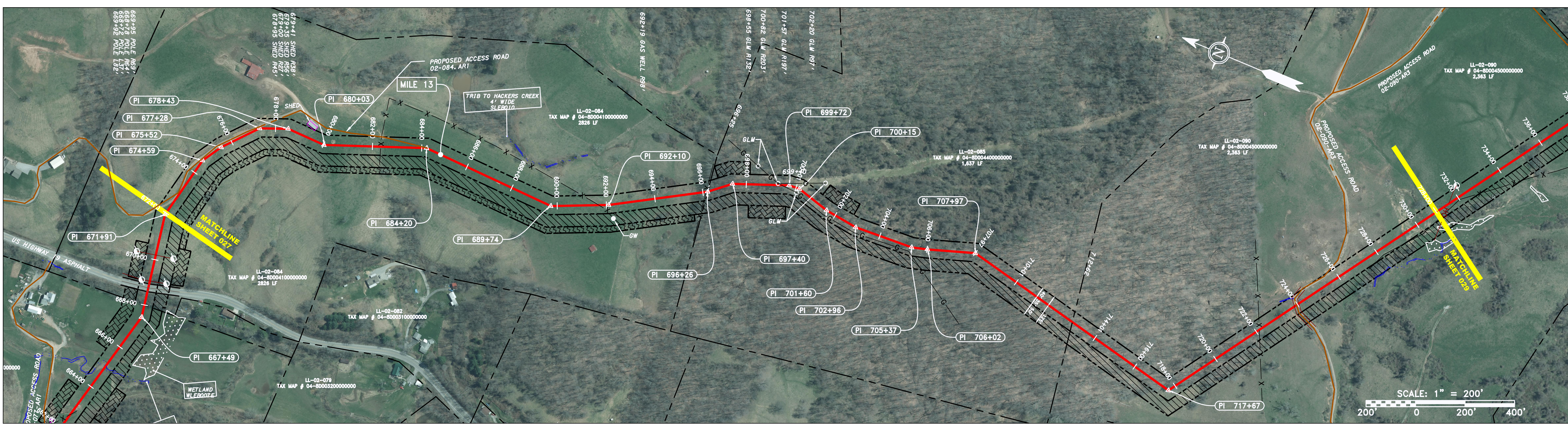


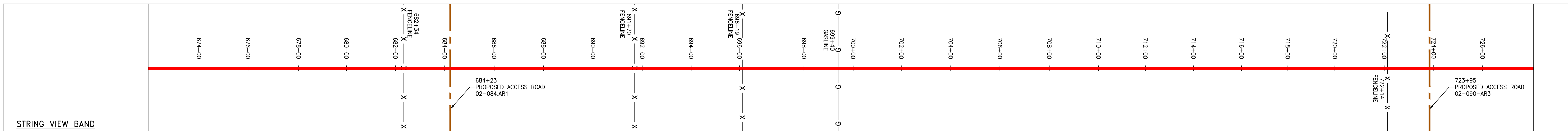
GAI CAD FILE NO. J:\2665 - GAI\WORK ORDER 02 - SOUTHEAST PIPELINE (SECTION 1)\ALIGNMENT SHEETS\2665-2 PLAN SHEETS (26-29).DWG



PROPERTY OWNERSHIP	TAX MAP #	AREA (LF)
667+99	LL-02-084 04-80004100000000	2,826 LF
686+25	LL-02-085 04-80004400000000	1,437 LF
712+62	LL-02-090 04-80004500000000	2,363 LF
726+25	LL-02-090 04-80004500000000	2,363 LF



PIPE SPECIFICATION



**LEGEND**

<p>— X — X — X — X — X —</p> <p>— E — E — E — E — E —</p> <p>— W — W — W — W — W —</p> <p>— SAN — SAN — SAN —</p> <p>— OH — OH — OH — OH —</p> <p>— — — — —</p> <p>— — — — —</p>	<p><b>PROPERTY LINE</b></p> <p><b>FENCE</b></p> <p><b>STREAM</b></p> <p><b>EXISTING GAS PIPELINE</b></p> <p><b>OVERHEAD UTILITY LINES</b></p> <p><b>ACCESS ROAD</b></p> <p><b>PROPOSED GAS PIPELINE</b></p>	<p>— — — — —</p> <p>— — — — —</p> <p>— — — — —</p> <p>— — — — —</p> <p>— — — — —</p> <p>— — — — —</p> <p>— — — — —</p>	<p><b>STORM SEWER</b></p> <p><b>UNDERGROUND ELECTRIC</b></p> <p><b>WATER LINE</b></p> <p><b>SANITARY SEWER</b></p> <p><b>EDGE OF GRAVEL</b></p> <p><b>PROPOSED PERMANENT EASEMENT</b></p> <p><b>PROPOSED GAS PIPELINE (NO GROUND SURVEY)</b></p>	<p> <b>EXTRA WORK SPACE</b></p> <p> <b>AREA OF NO DISTURBANCE</b></p> <p> <b>WETLAND</b> (COLOR SHOWN TO PROVIDE CLARITY ONLY)</p> <p> <b>UTILITY POLE</b></p>	<p> <b>TOPSOIL SEGREGATION AREA</b></p> <p> <b>PROPOSED TEMPORARY R.O.W.</b></p> <p><b>PTR = PROPOSED TEMPORARY R.O.W.</b></p> <p><b>PPR = PROPOSED PERMANENT R.O.W.</b></p> <p><b>EWSA = EXTRA WORK SPACE AREA</b></p> <p><b>TSA = TOPSOIL SEGREGATION AREA</b></p>
--	---	--	--	--	--

**NOTES:**

- COORDINATE SYSTEM USED FOR MAPPING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, US SURVEY FOOT, CENTRAL MERIDIAN 81° W
- CONTOURS AND TOPOGRAPHIC FEATURES WERE DERIVED BY AN ON THE GROUND SURVEY PERFORMED BY MONALOH BASIN ENGINEERS, INC. ON 06-02-2014 THRU 06-26-2014 GPS SUB-METER ACCURACY.
- AERIAL IMAGERY IS TAKEN FROM A SPRING 2015 FLIGHT BY KUCERA INTERNATIONAL INC.
- THE PROPERTY LINES SHOWN ARE BASED ON GIS & TAX ASSESSMENT RECORDS (PROVIDED BY OTHERS). GAI & MONALOH BASIN ENGINEERS MAKE NO GUARANTEE EITHER EXPRESSED OR IMPLIED AS TO THE ACCURACY OF THE RECORDS AS SHOWN ON THESE DRAWINGS.
- WETLAND DATA SHOWN ON THE DRAWINGS WAS PROVIDED BY NRG.
- THESE DRAWINGS ARE NOT INTENDED TO PROVIDE EROSION AND SEDIMENTATION CONTROL REQUIREMENTS. SEE EROSION AND SEDIMENTATION CONTROL PLANS FOR COMPLETE REQUIREMENTS AND BMP LOCATIONS.
- ALL STATIONING SHOWN IS SLOPE STATIONING.

NO.	DATE	DWN.	CHKD.	APPVD.	DESCRIPTION

1/3/17

**42" AP-1 PIPELINE**  
**CONSTRUCTION ALIGNMENT STA 672+00 TO 728+00**  
 LEWIS COUNTY, WEST VIRGINIA  
**ATLANTIC COAST PIPELINE, LLC**  
 C/O DOMINION TRANSMISSION, INC.  
 445 W. MAIN STREET, CLARKSBURG, WV 26301

SCALE: AS SHOWN  
 DATE: 1/3/17  
 DRAWN: CLM  
 CHECKED: DLH  
 APPROVED: NET

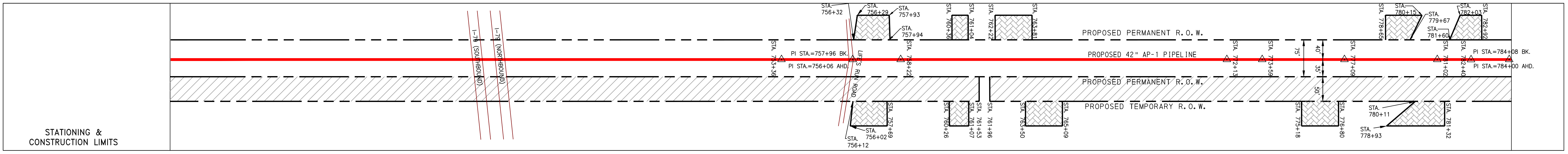
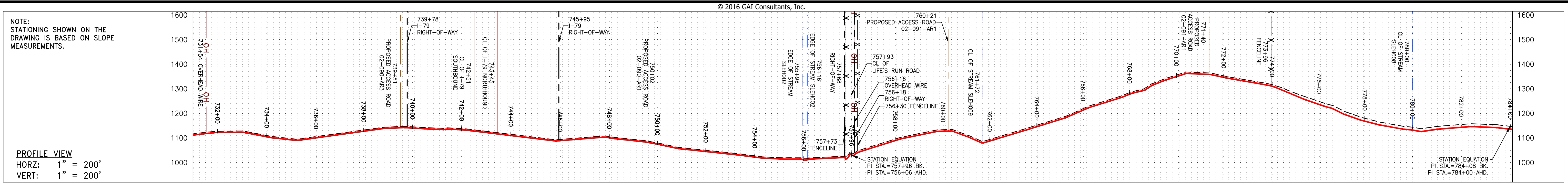


SOUTHPOINTE OFFICE  
 6000 TOWN CENTER BLVD.  
 CANONSBURG, PA 15317  
 724-873-3545

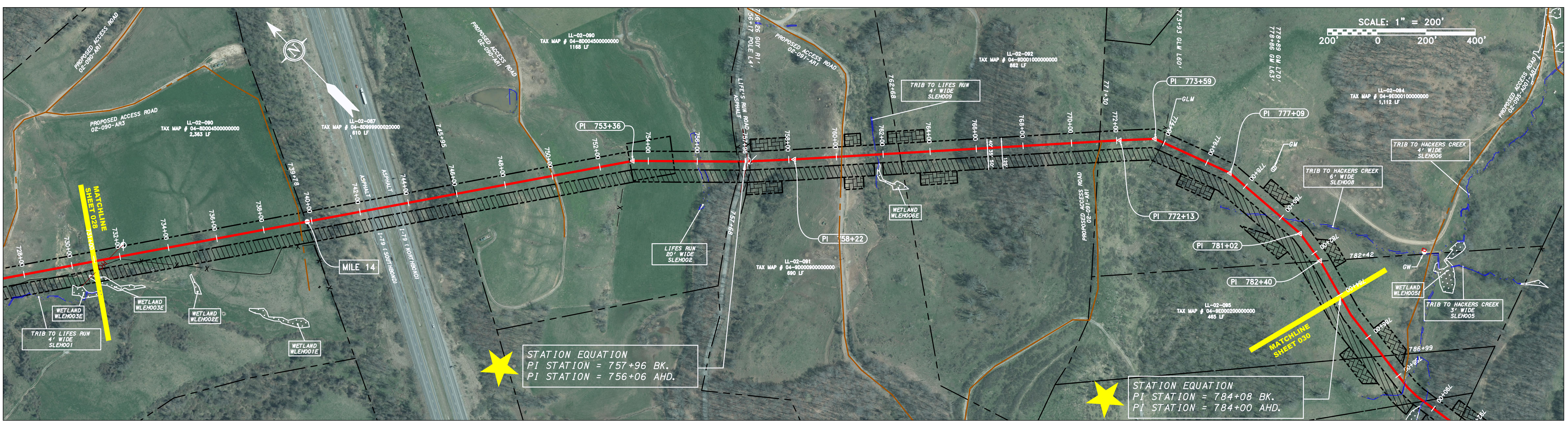


300 BUSINESS CENTER DRIVE  
 PITTSBURGH, PA 15205  
 412-788-2433

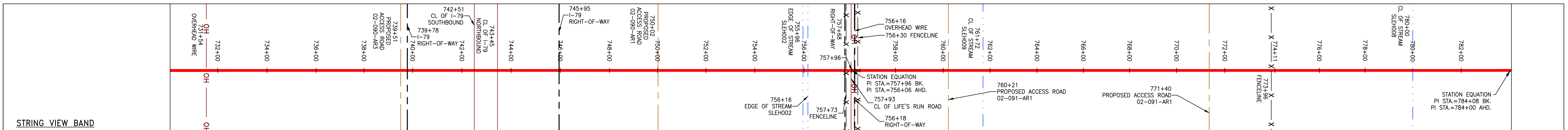
PROJECT NO./DASH NO.	140468
TASK NO. SUB TASK NO.	005 00
GROUP ID DRAWING NO.	D E028
028 OF 344	1/3/2017 4:14 PM



PROPERTY OWNERSHIP	TAX MAP #	AREA (LF)
731+00	LL-02-090 TAX MAP # 04-80004500000000	2543 LF
739+78	LL-02-087 TAX MAP # 04-80999900000000	690 LF
745+85	LL-02-090 TAX MAP # 04-80004500000000	1168 LF
757+68	LL-02-091 TAX MAP # 04-80009000000000	690 LF
762+58	LL-02-092 TAX MAP # 04-80001000000000	862 LF
771+30	LL-02-094 TAX MAP # 04-80002000000000	1,112 LF
782+42	LL-02-095 TAX MAP # 04-80002000000000	465 LF
786+99		



PIPE SPECIFICATION



**LEGEND**

	<b>PROPERTY LINE</b>		<b>STORM SEWER</b>		<b>EXTRA WORK SPACE</b>
	<b>FENCE</b>		<b>UNDERGROUND ELECTRIC WATER LINE</b>		<b>AREA OF NO DISTURBANCE</b>
	<b>STREAM</b>		<b>SANITARY SEWER</b>		<b>WETLAND</b> (COLOR SHOWN TO PROVIDE CLARITY ONLY)
	<b>EXISTING GAS PIPELINE</b>		<b>EDGE OF GRAVEL</b>		<b>UTILITY POLE</b>
	<b>OVERHEAD UTILITY LINES</b>		<b>PROPOSED PERMANENT EASEMENT</b>		<b>TOPSOIL SEGREGATION AREA</b>
	<b>ACCESS ROAD</b>		<b>PROPOSED GAS PIPELINE (NO GROUND SURVEY)</b>		<b>PROPOSED TEMPORARY R.O.W.</b>
	<b>PROPOSED GAS PIPELINE</b>				<b>EXTRA WORK SPACE AREA</b>
					<b>TOPSOIL SEGREGATION AREA</b>

**NOTES:**

- COORDINATE SYSTEM USED FOR MAPPING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, US SURVEY FOOT, CENTRAL MERIDIAN 81° W
- CONTOURS AND TOPOGRAPHIC FEATURES WERE DERIVED BY AN ON THE GROUND SURVEY PERFORMED BY MONALOH BASIN ENGINEERS, INC. ON 06-02-2014 THRU 06-26-2014 GPS SUB-METER ACCURACY.
- IMAGERY DERIVED FROM BING MAPPING (2014 MICROSOFT CORP.)
- THE PROPERTY LINES SHOWN ARE BASED ON GIS & TAX ASSESSMENT RECORDS (PROVIDED BY OTHERS). GAI & MONALOH BASIN ENGINEERS MAKE NO GUARANTEE EITHER EXPRESSED OR IMPLIED AS TO THE ACCURACY OF THE RECORDS AS SHOWN ON THESE DRAWINGS.
- WETLAND DATA SHOWN ON THE DRAWINGS WAS PROVIDED BY NRG.
- THESE DRAWINGS ARE NOT INTENDED TO PROVIDE EROSION AND SEDIMENTATION CONTROL REQUIREMENTS. SEE EROSION AND SEDIMENTATION CONTROL PLANS FOR COMPLETE REQUIREMENTS AND BMP LOCATIONS.
- ALL STATIONING SHOWN IS SLOPE STATIONING.

**ABBREVIATIONS:**  
 PTR = PROPOSED TEMPORARY R.O.W.  
 PPR = PROPOSED PERMANENT R.O.W.  
 EWSA = EXTRA WORK SPACE AREA  
 TSA = TOPSOIL SEGREGATION AREA

REVISIONS		DESCRIPTION
NO.	DATE	DWN.

**1/4/17**

**42" AP-1 PIPELINE**  
**CONSTRUCTION ALIGNMENT STA 728+00 TO 784+00**  
 LEWIS COUNTY, WEST VIRGINIA

**ATLANTIC COAST PIPELINE, LLC**  
 C/O DOMINION TRANSMISSION, INC.  
 445 W. MAIN STREET, CLARKSBURG, WV 26301

SCALE: AS SHOWN  
 DATE: 1/4/17  
 DRAWN: CLM  
 CHECKED: MRS  
 APPROVED: NET

**gai consultants**

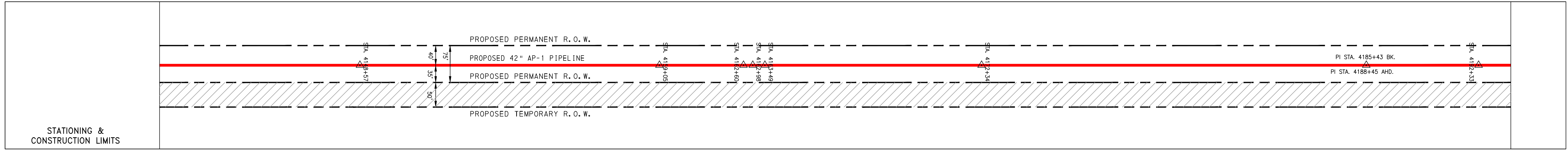
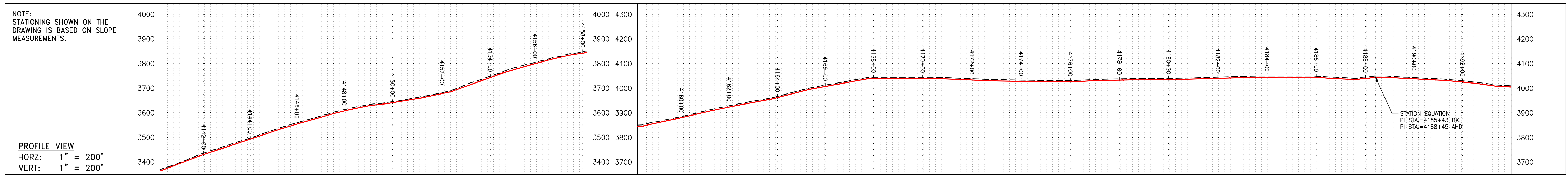
SOUTHPOINT OFFICE  
 6000 TOWN CENTER BLVD.  
 CANONSBURG, PA 15317  
 724-873-3545

**mbe**  
**monaloh basin engineers**

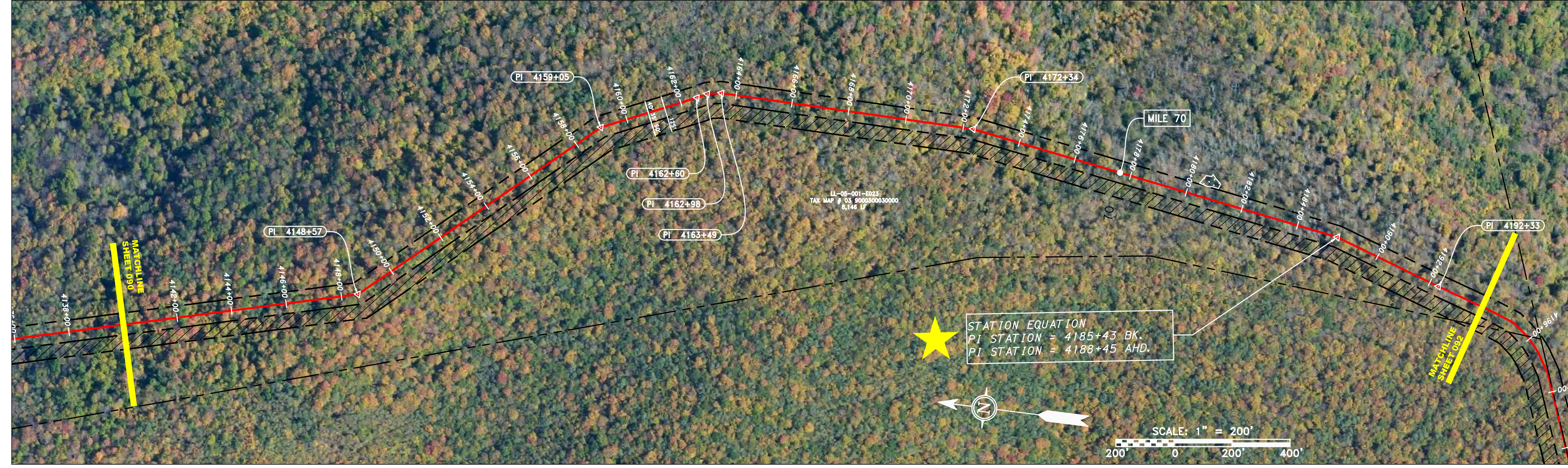
300 BUSINESS CENTER DRIVE  
 PITTSBURGH, PA 15205  
 412-788-2433

PROJECT NO./DASH NO.	140468
TASK NO. SUB TASK NO.	005 00
GROUP ID DRAWING NO.	D E029
029 OF 344	

1/4/2017 3:29 PM



PROPERTY OWNERSHIP	4138+91	LL-05-001-E023 TAX MAP # 03 900300030000 6,146 LF	4192+85
--------------------	---------	---	---------



PIPE SPECIFICATION	4142+00	4144+00	4146+00	4148+00	4150+00	4152+00	4154+00	4156+00	4158+00	4160+00	4162+00	4164+00	4166+00	4168+00	4170+00	4172+00	4174+00	4176+00	4178+00	4180+00	4182+00	4184+00	4186+00	4188+00	4190+00	4192+00
--------------------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------

**LEGEND**

PROPERTY LINE	STORM SEWER	EXTRA WORK SPACE	TOPSOIL SEGREGATION AREA
FENCE	UNDERGROUND ELECTRIC WATER LINE	AREA OF NO DISTURBANCE	PROPOSED TEMPORARY R.O.W.
STREAM	SANITARY SEWER	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)	UTILITY POLE
EXISTING GAS PIPELINE	EDGE OF GRAVEL	PROPOSED PERMANENT EASEMENT	PTR PROPOSED TEMPORARY R.O.W.
OVERHEAD UTILITY LINES	PROPOSED PERMANENT EASEMENT	PROPOSED GAS PIPELINE (NO GROUND SURVEY)	PPR PROPOSED PERMANENT R.O.W.
ACCESS ROAD			EWSA EXTRA WORK SPACE AREA
PROPOSED GAS PIPELINE			TSA TOPSOIL SEGREGATION AREA

**NOTES:**

- COORDINATE SYSTEM USED FOR MAPPING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, US SURVEY FOOT, CENTRAL MERIDIAN 81° W
- CONTOURS AND TOPOGRAPHIC FEATURES WERE DERIVED BY AN ON THE GROUND SURVEY PERFORMED BY MONALOH BASIN ENGINEERS, INC. ON 06-02-2014 THRU 06-26-2014 GPS SUB-METER ACCURACY.
- AERIAL IMAGERY IS TAKEN FROM A SPRING 2015 FLIGHT BY KUCERA INTERNATIONAL INC.
- THE PROPERTY LINES SHOWN ARE BASED ON GIS & TAX ASSESSMENT RECORDS (PROVIDED BY OTHERS). GAI & MONALOH BASIN ENGINEERS MAKE NO GUARANTEE EITHER EXPRESSED OR IMPLIED AS TO THE ACCURACY OF THE RECORDS AS SHOWN ON THESE DRAWINGS.
- WETLAND DATA SHOWN ON THE DRAWINGS WAS PROVIDED BY NRG.
- THESE DRAWINGS ARE NOT INTENDED TO PROVIDE EROSION AND SEDIMENTATION CONTROL REQUIREMENTS. SEE EROSION AND SEDIMENTATION CONTROL PLANS FOR COMPLETE REQUIREMENTS AND BMP LOCATIONS.
- ALL STATIONING SHOWN IS SLOPE STATIONING.

REVISIONS	
NO.	DATE
CHKD.	DATE
APPROD.	DATE
DESCRIPTION	

**12/21/16**

091 - CONSTRUCTION ALIGNMENT STA. 4140+00 TO 4194+00  
POCAHONTAS COUNTY, WEST VIRGINIA

ATLANTIC COAST PIPELINE, LLC  
C/O DOMINION TRANSMISSION, INC.  
445 W. MAIN STREET, CLARKSBURG, WV 26301

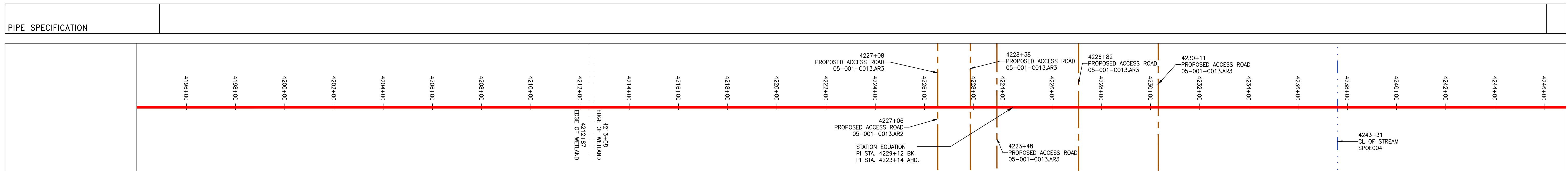
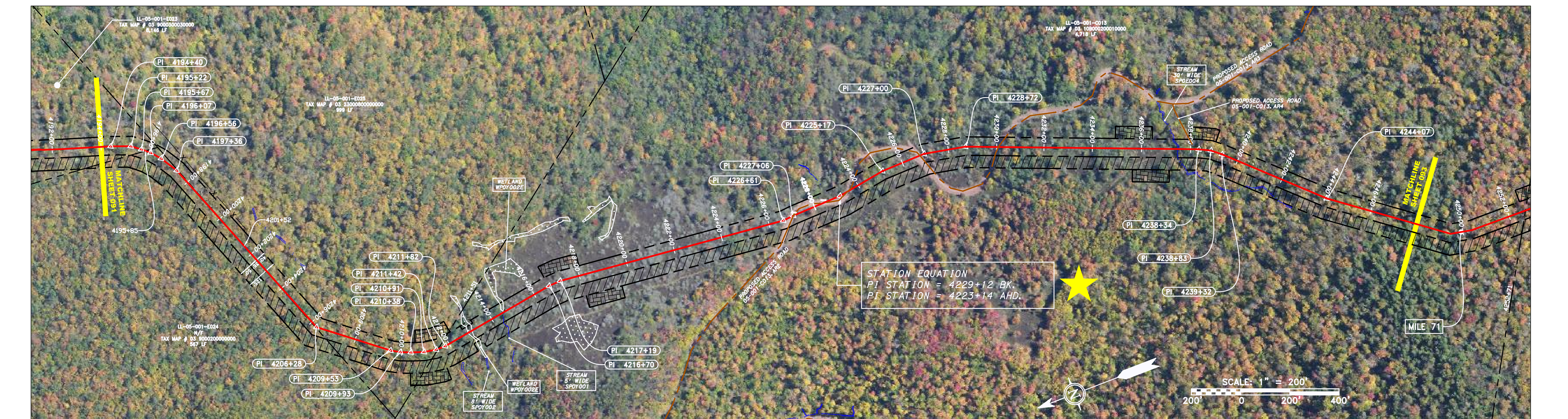
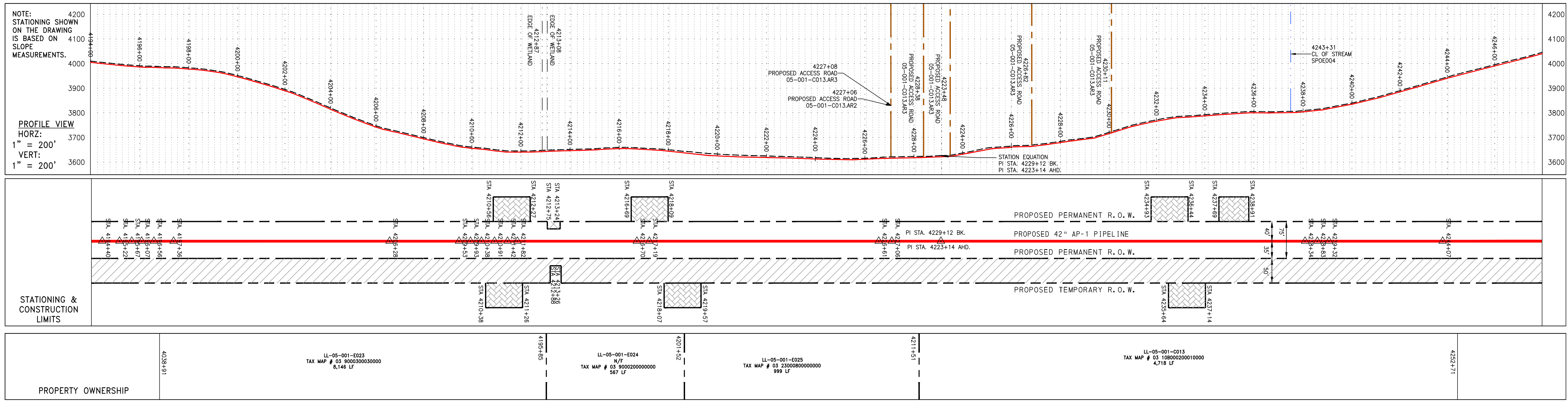
SCALE: AS SHOWN  
DATE: 12/21/16  
DRAWN: MPC  
CHECKED: DLH  
APPROVED: NET

**gai consultants**  
SOUTHPOINTE OFFICE  
6000 TOWN CENTER BLVD.  
CANONSBURG, PA 15317  
724-673-3545

**mbe monaloh basin engineers**  
300 BUSINESS CENTER DRIVE  
PITTSBURGH, PA 15205  
412-788-2433

PROJECT NO./DASH NO.	140468
TASK NO.	005
SUB TASK NO.	00
GROUP ID	D
DRAWING NO.	E091
091 OF	344

12/21/2016 4:12 PM



LEGEND	
	PROPERTY LINE
	FENCE
	STREAM
	EXISTING GAS PIPELINE
	OVERHEAD UTILITY LINES
	ACCESS ROAD
	PROPOSED GAS PIPELINE
	STORM SEWER
	UNDERGROUND ELECTRIC WATER LINE
	SANITARY SEWER
	EDGE OF GRAVEL
	PROPOSED PERMANENT EASEMENT
	PROPOSED GAS PIPELINE (NO GROUND SURVEY)
	EXTRA WORK SPACE
	AREA OF NO DISTURBANCE
	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)
	UTILITY POLE
	TOPSOIL SEGREGATION AREA
	PROPOSED TEMPORARY R.O.W.
	PROPOSED PERMANENT R.O.W.
	EXTRA WORK SPACE AREA
	TOPSOIL SEGREGATION AREA

- NOTES:**
- COORDINATE SYSTEM USED FOR MAPPING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, US SURVEY FOOT, CENTRAL MERIDIAN 81° W
  - CONTOURS AND TOPOGRAPHIC FEATURES WERE DERIVED BY AN ON THE GROUND SURVEY PERFORMED BY MONALOH BASIN ENGINEERS, INC. ON 06-02-2014 THRU 06-26-2014 GPS SUB-METER ACCURACY.
  - AERIAL IMAGERY IS TAKEN FROM A SPRING 2015 FLIGHT BY KUCERA INTERNATIONAL INC.
  - THE PROPERTY LINES SHOWN ARE BASED ON GIS & TAX ASSESSMENT RECORDS (PROVIDED BY OTHERS). GAI & MONALOH BASIN ENGINEERS MAKE NO GUARANTEE EITHER EXPRESSED OR IMPLIED AS TO THE ACCURACY OF THE RECORDS AS SHOWN ON THESE DRAWINGS.
  - WETLAND DATA SHOWN ON THE DRAWINGS WAS PROVIDED BY NRG.
  - THESE DRAWINGS ARE NOT INTENDED TO PROVIDE EROSION AND SEDIMENTATION CONTROL REQUIREMENTS. SEE EROSION AND SEDIMENTATION CONTROL PLANS FOR COMPLETE REQUIREMENTS AND BMP LOCATIONS.
  - ALL STATIONING SHOWN IS SLOPE STATIONING.

REVISIONS				
NO.	DATE	CHKD.	APPROD.	DESCRIPTION

092 - CONSTRUCTION ALIGNMENT STA. 4194+00 TO 4248+00  
 POCAHONTAS COUNTY, WEST VIRGINIA

ATLANTIC COAST PIPELINE, LLC  
 C/O DOMINION TRANSMISSION, INC.  
 445 W. MAIN STREET, CLARKSBURG, WV 26301

SCALE: AS SHOWN  
 DATE: 1/17/17  
 DRAWN: GOS  
 CHECKED: DLH  
 APPROVED: NET

**gai consultants**

SOUTHPOINTE OFFICE  
 6000 TOWN CENTER BLVD.  
 CANONSBURG, PA 15317  
 724-673-3545

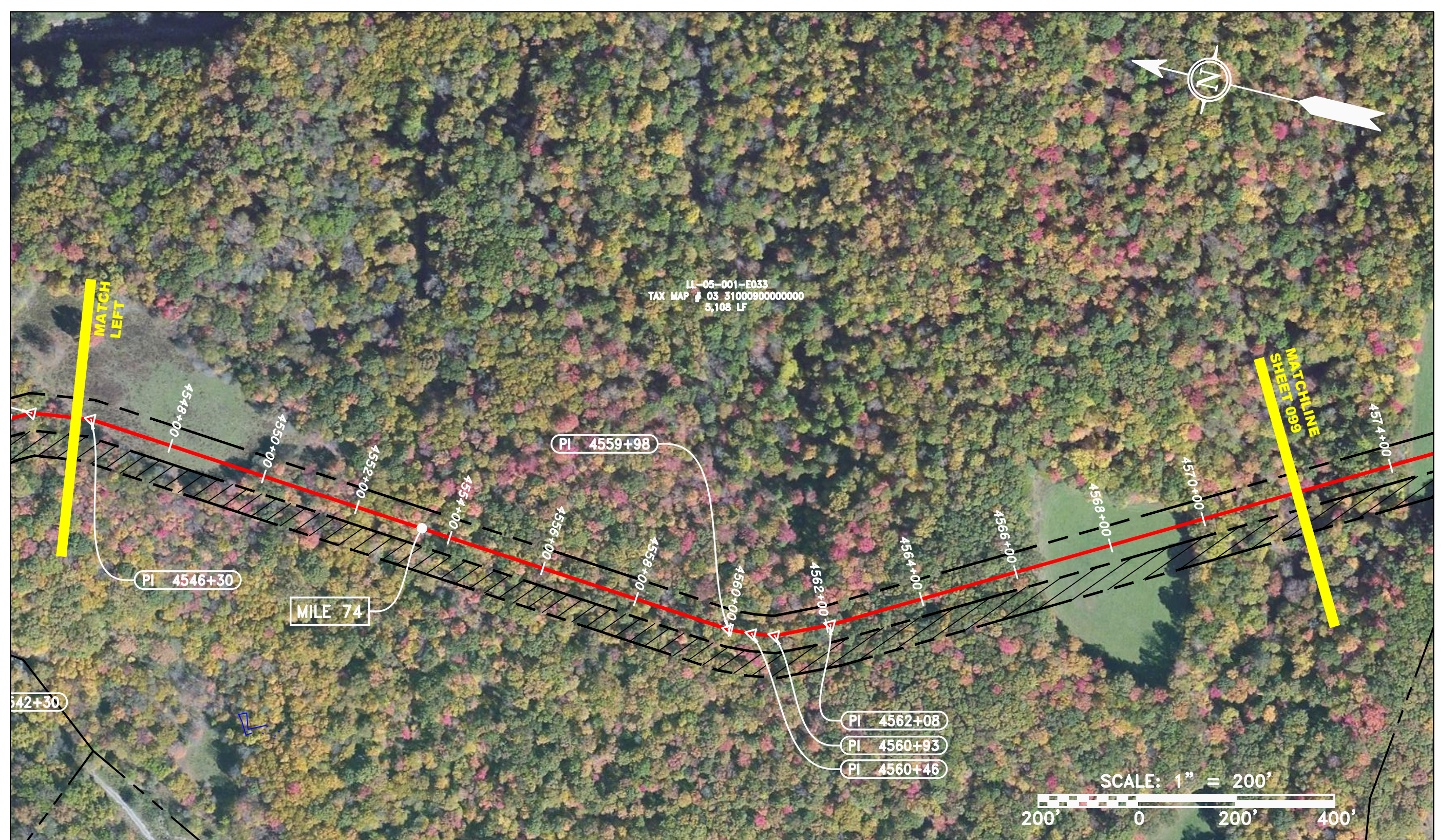
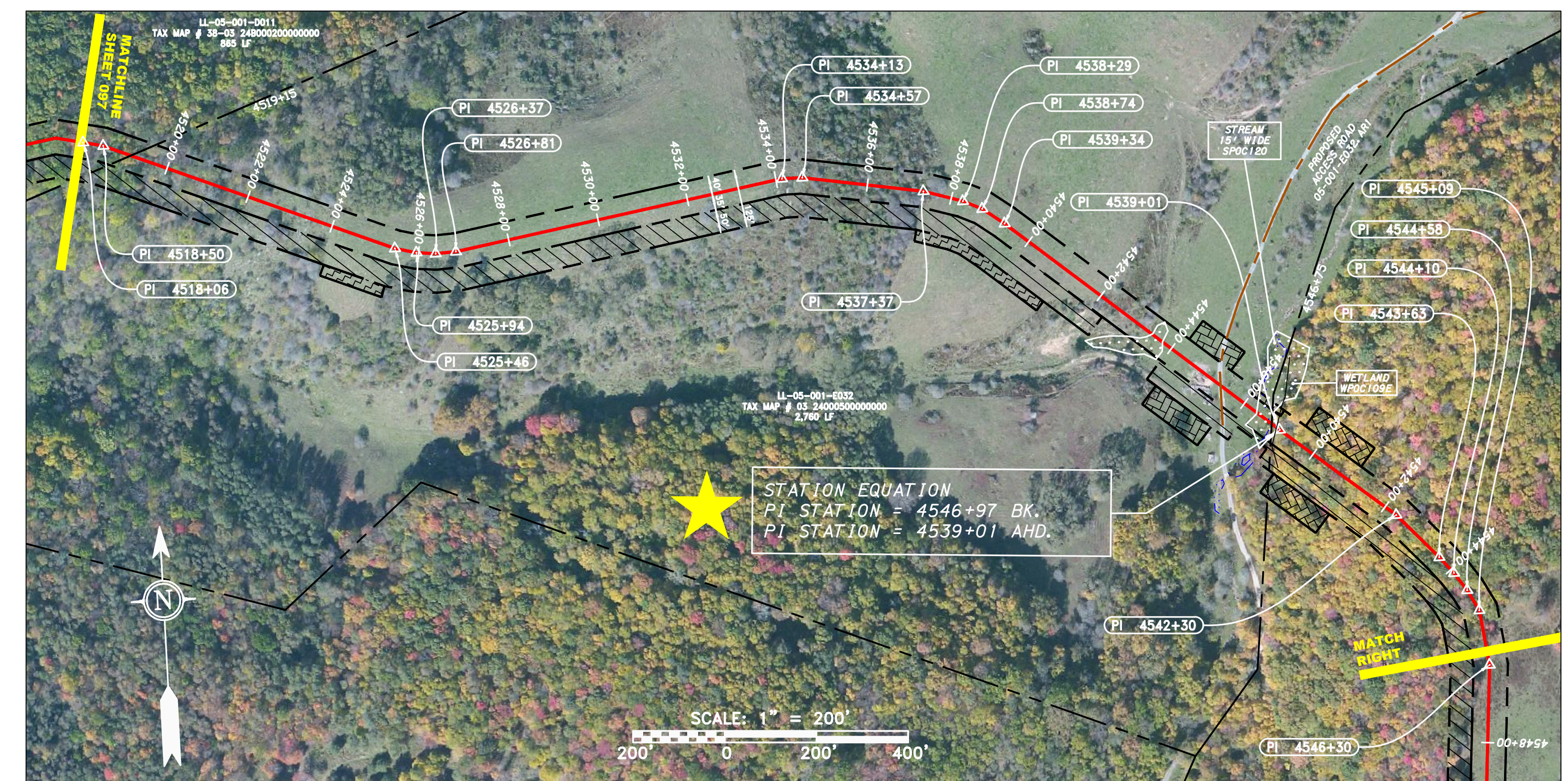
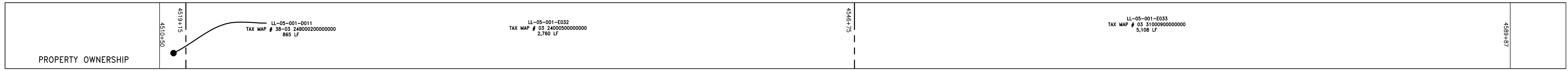
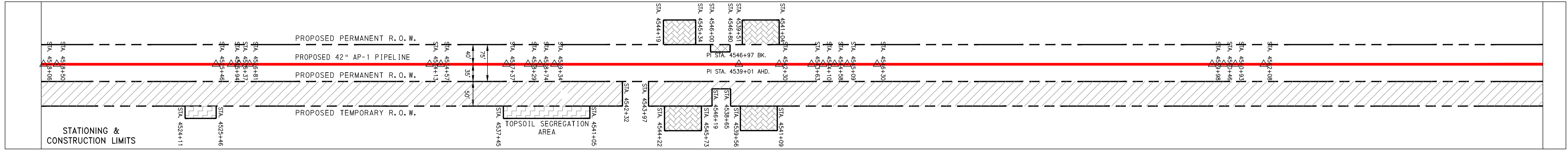
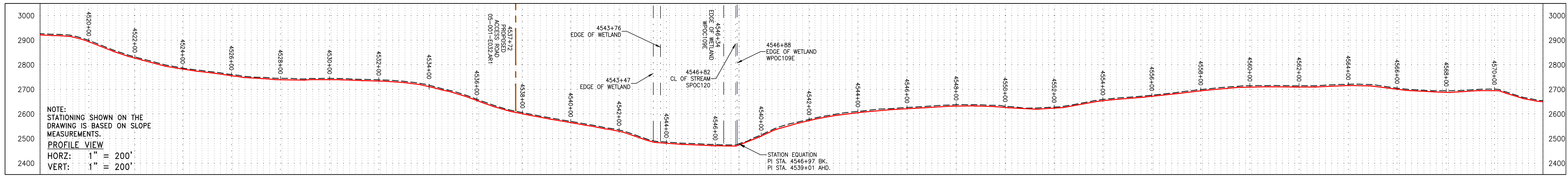
**mbe**  
 monaloh basin engineers

300 BUSINESS CENTER DRIVE  
 PITTSBURGH, PA 15205  
 412-788-2433

PROJECT NO./DASH NO.	140468
TASK NO.	005
SUB TASK NO.	00
GROUP ID	D
DRAWING NO.	E092
092 OF 344	

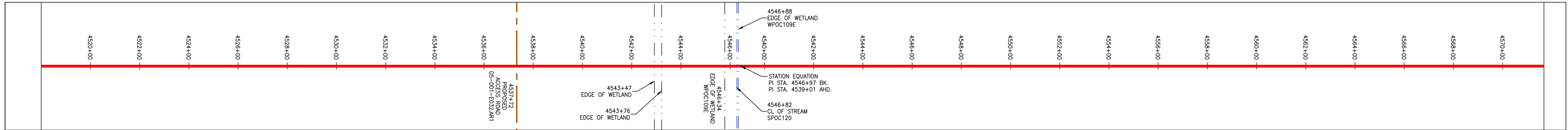
1/17/17





PIPE SPECIFICATION

4520+00	4522+00	4524+00	4526+00	4528+00	4530+00	4532+00	4534+00	4536+00	4538+00	4540+00	4542+00	4544+00	4546+00	4548+00	4550+00	4552+00	4554+00	4556+00	4558+00	4560+00	4562+00	4564+00	4566+00	4568+00	4570+00
---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------



LEGEND

	PROPERTY LINE		STORM SEWER		EXTRA WORK SPACE
	FENCE		UNDERGROUND ELECTRIC WATER LINE		AREA OF NO DISTURBANCE
	STREAM		SANITARY SEWER		TOPSOIL SEGREGATION AREA
	EXISTING GAS PIPELINE		EDGE OF GRAVEL		PROPOSED TEMPORARY R.O.W.
	OVERHEAD UTILITY LINES		PROPOSED PERMANENT EASEMENT		EXTRA WORK SPACE AREA
	ACCESS ROAD		PROPOSED GAS PIPELINE (NO GROUND SURVEY)		TOPSOIL SEGREGATION AREA
	PROPOSED GAS PIPELINE		WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)		UTILITY POLE

- NOTES:
- COORDINATE SYSTEM USED FOR MAPPING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, US SURVEY FOOT, CENTRAL MERIDIAN 81° W
  - CONTOURS AND TOPOGRAPHIC FEATURES WERE DERIVED BY AN ON THE GROUND SURVEY PERFORMED BY MONALOH BASIN ENGINEERS, INC. ON 06-02-2014 THRU 06-26-2014 GPS SUB-METER ACCURACY.
  - AERIAL IMAGERY IS TAKEN FROM A SPRING 2015 FLIGHT BY KUCERA INTERNATIONAL INC.
  - THE PROPERTY LINES SHOWN ARE BASED ON GIS & TAX ASSESSMENT RECORDS (PROVIDED BY OTHERS). GAI & MONALOH BASIN ENGINEERS MAKE NO GUARANTEE EITHER EXPRESSED OR IMPLIED AS TO THE ACCURACY OF THE RECORDS AS SHOWN ON THESE DRAWINGS.
  - WETLAND DATA SHOWN ON THE DRAWINGS WAS PROVIDED BY NRG.
  - THESE DRAWINGS ARE NOT INTENDED TO PROVIDE EROSION AND SEDIMENTATION CONTROL REQUIREMENTS. SEE EROSION AND SEDIMENTATION CONTROL PLANS FOR COMPLETE REQUIREMENTS AND BMP LOCATIONS.
  - ALL STATIONING SHOWN IS SLOPE STATIONING.

REVISIONS			
NO.	DATE	CHKD.	APPROV.

12/22/16

CONSTRUCTION ALIGNMENT STA. 4518+00 TO 4572+00  
POCAHONTAS COUNTY, WEST VIRGINIA

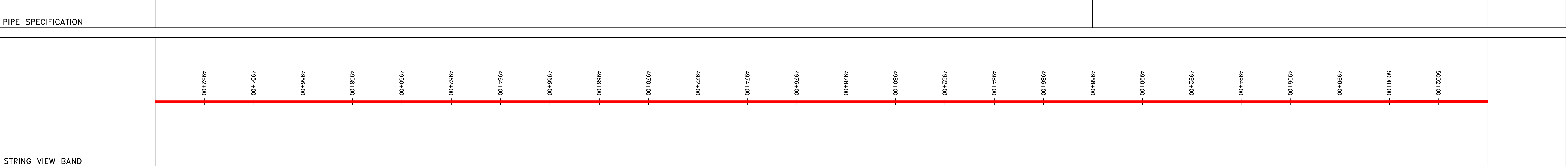
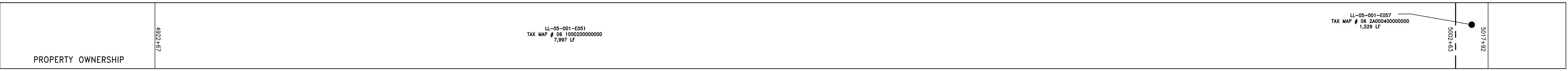
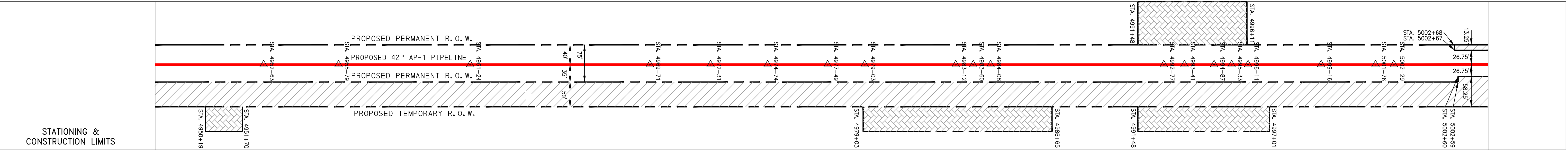
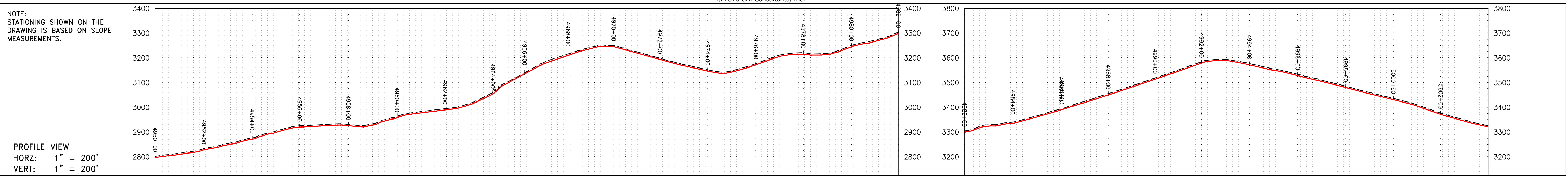
ATLANTIC COAST PIPELINE, LLC  
C/O DOMINION TRANSMISSION, INC.  
445 W. MAIN STREET, CLARKSBURG, WV 26301

SCALE: AS SHOWN  
DATE: 12/22/16  
DRAWN: MPC  
CHECKED: DLH  
APPROVED: NET

gai consultants  
SOUTHPOINT OFFICE  
6000 TOWN CENTER BLVD.  
CANONSBURG, PA 15317  
724-873-3545

mbe  
monaloh basin  
engineers  
300 BUSINESS CENTER DRIVE  
PITTSBURGH, PA 15205  
412-788-2433

PROJECT NO./DASH NO.	140468
TASK NO.	005
SUB TASK NO.	00
GROUP ID	D
DRAWING NO.	E098
098 OF 344	



LEGEND	
	PROPERTY LINE
	FENCE
	STREAM
	EXISTING GAS PIPELINE
	OVERHEAD UTILITY LINES
	ACCESS ROAD
	PROPOSED GAS PIPELINE
	STORM SEWER
	UNDERGROUND ELECTRIC WATER LINE
	SANITARY SEWER
	EDGE OF GRAVEL
	PROPOSED PERMANENT EASEMENT
	PROPOSED GAS PIPELINE (NO GROUND SURVEY)
	EXTRA WORK SPACE
	AREA OF NO DISTURBANCE
	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)
	UTILITY POLE
	TOPSOIL SEGREGATION AREA
	PROPOSED TEMPORARY R.O.W.
	PROPOSED PERMANENT R.O.W.
	EXTRA WORK SPACE AREA
	TOPSOIL SEGREGATION AREA

**NOTES:**

- COORDINATE SYSTEM USED FOR MAPPING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, US SURVEY FOOT, CENTRAL MERIDIAN 81° W
- CONTOURS AND TOPOGRAPHIC FEATURES WERE DERIVED BY AN ON THE GROUND SURVEY PERFORMED BY MONALOH BASIN ENGINEERS, INC. ON 06-02-2014 THRU 06-26-2014 GPS SUB-METER ACCURACY.
- AERIAL IMAGERY IS TAKEN FROM A SPRING 2015 FLIGHT BY KUCERA INTERNATIONAL INC.
- THE PROPERTY LINES SHOWN ARE BASED ON GIS & TAX ASSESSMENT RECORDS (PROVIDED BY OTHERS). GAI & MONALOH BASIN ENGINEERS MAKE NO GUARANTEE EITHER EXPRESSED OR IMPLIED AS TO THE ACCURACY OF THE RECORDS AS SHOWN ON THESE DRAWINGS.
- WETLAND DATA SHOWN ON THE DRAWINGS WAS PROVIDED BY NRG.
- THESE DRAWINGS ARE NOT INTENDED TO PROVIDE EROSION AND SEDIMENTATION CONTROL REQUIREMENTS. SEE EROSION AND SEDIMENTATION CONTROL PLANS FOR COMPLETE REQUIREMENTS AND BMP LOCATIONS.
- ALL STATIONING SHOWN IS SLOPE STATIONING.

REVISIONS			
NO.	DATE	CHKD.	APPROV.

12/22/16

CONSTRUCTION ALIGNMENT STA. 4950+00 TO 5004+00  
POCAHONTAS COUNTY, WEST VIRGINIA

ATLANTIC COAST PIPELINE, LLC  
C/O DOMINION TRANSMISSION, INC.  
445 W. MAIN STREET, CLARKSBURG, WV 26301

SCALE: AS SHOWN  
DATE: 12/22/16  
DRAWN: JMS  
CHECKED: DLH  
APPROVED: NET

**gai consultants**  
SOUTHPOINTE OFFICE  
6000 TOWN CENTER BLVD.  
CANONSBURG, PA 15317  
724-873-3545

**mbe**  
monaloh basin engineers  
300 BUSINESS CENTER DRIVE  
PITTSBURGH, PA 15205  
412-788-2433

PROJECT NO./DASH NO.  
140468

TASK NO.	SUB TASK NO.
005	00

GROUP ID DRAWING NO.  
D E106

106 OF 344

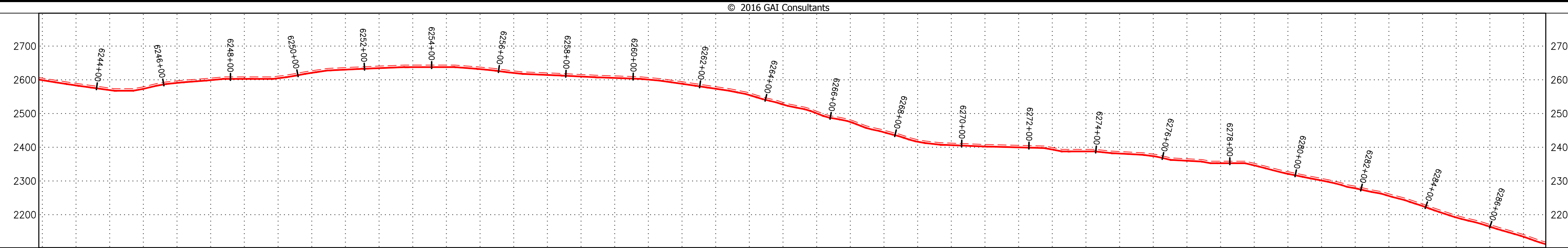




G:\CONSULTANTS\LOCAL\BUPROJ\ENERGY\2014\C140468.00 - DOMINION - SOUTHEAST PIPE\CAD\MON FOREST ROUTE\DWG\ALIGNMENT SHEETS\C140468-00-000-00-E-E129-E133.DWG

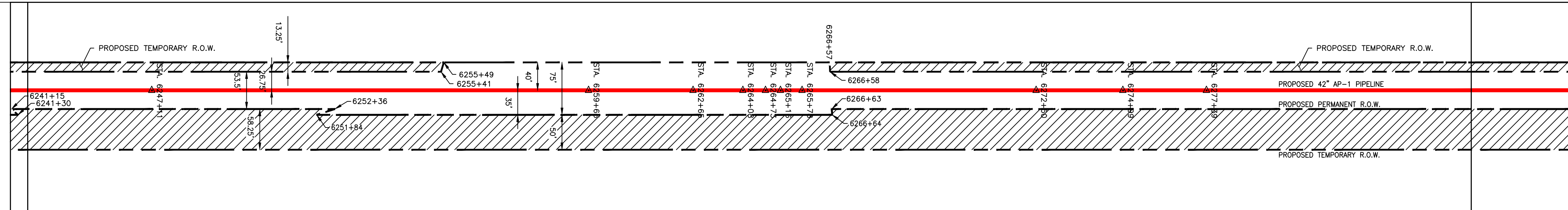
NOTE:  
STATIONING SHOWN ON THE  
DRAWING IS BASED ON SLOPE  
MEASUREMENTS.

PROFILE VIEW  
HORZ: 1" = 200'  
VERT: 1" = 200'



© 2016 GAI Consultants

STATIONING &  
CONSTRUCTION LIMITS

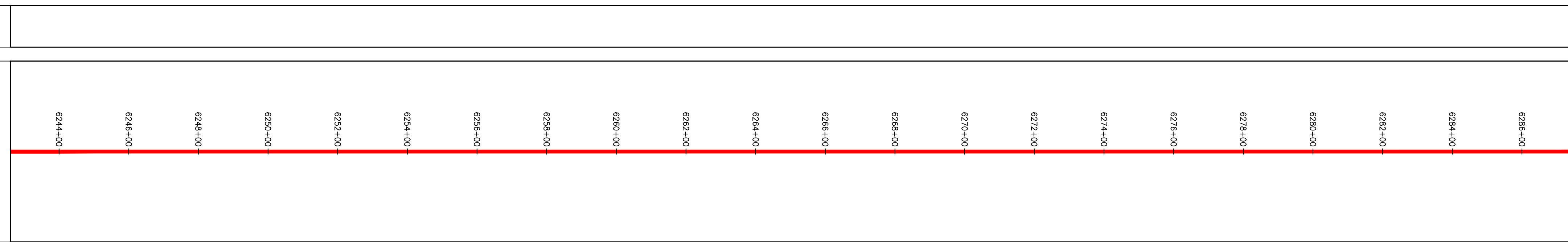


PROPERTY OWNERSHIP

LL-36-016 TAX MAP # GWNF 1,337 LF  
LL-36-(SEE BELOW) TAX MAP # (SEE BELOW) 1,257 LF  
LL-36-016 TAX MAP # GWNF 3,169 LF



NOT TO SCALE  
PIPE SPECIFICATION



STRING VIEW BAND

LEGEND		PROPERTY LINE		PROPOSED ACCESS ROAD		STORM SEWER		EXTRA WORK SPACE		TOPSOIL SEGREGATION AREA	
— X — X — X — X — X —	PROPERTY LINE	— W — W — W — W —	FENCE	— SAN — SAN —	PROPOSED PERMANENT EASEMENT	[Hatched Pattern]	WETLAND	[Dotted Pattern]	UTILITY POLE	[Cross-hatched Pattern]	EXISTING WELL
— G — G — G — G —	EXISTING GAS PIPELINE	— SAN — SAN —	SANITARY SEWER	— SAN — SAN —	EDGE OF GRAVEL	[Green Dotted Pattern]	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)	[Green Dotted Pattern]	UTILITY POLE	[Cross-hatched Pattern]	EXISTING WELL
— OH — OH — OH —	OVERHEAD UTILITY LINES	— SAN — SAN —	SANITARY SEWER	— SAN — SAN —	PROPOSED PERMANENT EASEMENT	[Green Dotted Pattern]	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)	[Green Dotted Pattern]	UTILITY POLE	[Cross-hatched Pattern]	EXISTING WELL
— OH — OH — OH —	PROPOSED GAS PIPELINE	— SAN — SAN —	SANITARY SEWER	— SAN — SAN —	PROPOSED PERMANENT EASEMENT	[Green Dotted Pattern]	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)	[Green Dotted Pattern]	UTILITY POLE	[Cross-hatched Pattern]	EXISTING WELL

- NOTES:**
- COORDINATE SYSTEM USED FOR MAPPING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, US SURVEY FOOT, CENTRAL MERIDIAN 81° W
  - CONTOURS AND TOPOGRAPHIC FEATURES WERE DERIVED BY AN ON THE GROUND SURVEY PERFORMED BY MONALOH BASIN ENGINEERS, INC. ON 06-02-2014 THRU 06-26-2014 GPS SUB-METER ACCURACY.
  - AERIAL IMAGERY IS TAKEN FROM A SPRING 2015 FLIGHT BY KUCERA INTERNATIONAL INC.
  - THE PROPERTY LINES SHOWN ARE BASED ON GIS & TAX ASSESSMENT RECORDS (PROVIDED BY OTHERS). GAI & MONALOH BASIN ENGINEERS MAKE NO GUARANTEE EITHER EXPRESSED OR IMPLIED AS TO THE ACCURACY OF THE RECORDS AS SHOWN ON THESE DRAWINGS.
  - WETLAND DATA SHOWN ON THE DRAWINGS WAS PROVIDED BY NRG.
  - THESE DRAWINGS ARE NOT INTENDED TO PROVIDE EROSION AND SEDIMENTATION CONTROL REQUIREMENTS. SEE EROSION AND SEDIMENTATION CONTROL PLANS FOR COMPLETE REQUIREMENTS AND BMP LOCATIONS.
  - ALL STATIONING SHOWN IS SLOPE STATIONING.

NO.	DATE	CHKD.	APPD.	DESCRIPTION

9/15/16

42" AP-1 PIPELINE  
CONSTRUCTION ALIGNMENT STA 6244+00 TO 6286+00  
BATH COUNTY, VIRGINIA

ATLANTIC COAST PIPELINE, LLC  
C/O DOMINION TRANSMISSION, INC.  
445 W. MAIN STREET, CLARKSBURG, WV 26301

SCALE: AS SHOWN  
DATE: 1/6/17  
DRAWN: STM  
CHECKED: DLH  
APPROVED: NET

**gai consultants**  
SOUTHPOINTE OFFICE  
6000 TOWN CENTER BLVD.  
SUITE 300 EAST  
CANONSBURG, PA 15317  
724-873-3545

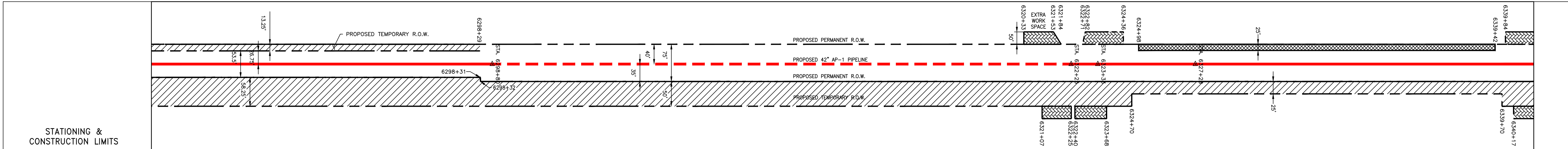
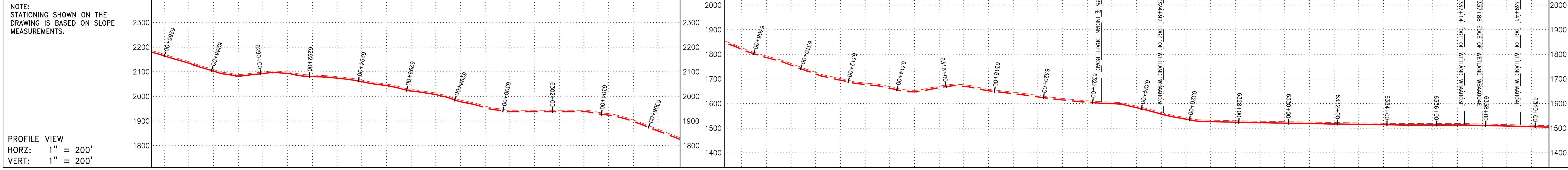
**mbe**  
monaloh basin engineers  
300 BUSINESS CENTER DRIVE  
PITTSBURGH, PA 15205  
412-788-2433

PROJECT NO./DASH NO.  
**140468**

TASK NO. SUB TASK NO.  
**005 00**

GROUP ID DRAWING NO.  
**D E131**

**131 OF 344**

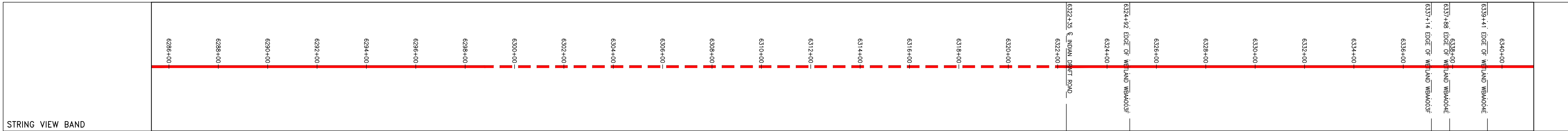


PROPERTY OWNERSHIP

LL-36-016 TAX MAP # GWNF 3,169 LF	SIA 6296+30	LL-36-033 TAX MAP # 34-3 2,185 LF	SIA 6320+15	LL-36-033-A001 TAX MAP # 34-2 6 LF	SIA 6320+21	LL-36-033 TAX MAP # 34-3 2,309 LF	SIA 6343+30
---	-------------	---	-------------	--	-------------	---	-------------



NOT TO SCALE  
PIPE SPECIFICATION



**LEGEND**

PROPERTY LINE	PROPOSED ACCESS ROAD	EXTRA WORK SPACE	TOPSOIL SEGREGATION AREA
FENCE	STORM SEWER	AREA OF NO DISTURBANCE	PROPOSED TEMPORARY R.O.W.
STREAM	WATER LINE	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)	PTR PROPOSED TEMPORARY R.O.W.
EXISTING GAS PIPELINE	SANITARY SEWER	UTILITY POLE	PPR PROPOSED PERMANENT R.O.W.
OVERHEAD UTILITY LINES	EDGE OF GRAVEL	EXISTING WELL	EWSA EXTRA WORK SPACE AREA
PROPOSED GAS PIPELINE	PROPOSED PERMANENT EASEMENT		TSA TOPSOIL SEGREGATION AREA
	PROPOSED GAS PIPELINE (NO GROUND SURVEY)		

**NOTES:**

- COORDINATE SYSTEM USED FOR MAPPING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, US SURVEY FOOT, CENTRAL MERIDIAN 81° W
- CONTOURS AND TOPOGRAPHIC FEATURES WERE DERIVED BY AN ON THE GROUND SURVEY PERFORMED BY MONALOH BASIN ENGINEERS, INC. ON 06-02-2014 THRU 06-26-2014 GPS SUB-METER ACCURACY.
- AERIAL IMAGERY IS TAKEN FROM A SPRING 2015 FLIGHT BY KUCERA INTERNATIONAL INC.
- THE PROPERTY LINES SHOWN ARE BASED ON GIS & TAX ASSESSMENT RECORDS (PROVIDED BY OTHERS). GAI & MONALOH BASIN ENGINEERS MAKE NO GUARANTEE EITHER EXPRESSED OR IMPLIED AS TO THE ACCURACY OF THE RECORDS AS SHOWN ON THESE DRAWINGS.
- WETLAND DATA SHOWN ON THE DRAWINGS WAS PROVIDED BY NRC.
- THESE DRAWINGS ARE NOT INTENDED TO PROVIDE EROSION AND SEDIMENTATION CONTROL REQUIREMENTS. SEE EROSION AND SEDIMENTATION CONTROL PLANS FOR COMPLETE REQUIREMENTS AND BMP LOCATIONS.
- ALL STATIONING SHOWN IS SLOPE STATIONING.

REVISIONS

NO.	DATE	BY	CHKD.	APPD.	DESCRIPTION

11/12/17

CONSTRUCTION ALIGNMENT STA 6286+00 TO 6340+00  
 BATH COUNTY, VIRGINIA

ATLANTIC COAST PIPELINE, LLC  
 C/O DOMINION TRANSMISSION, INC.  
 445 W. MAIN STREET, CLARKSBURG, WV 26301

SCALE: AS SHOWN  
 DATE: 1/12/17  
 DRAWN: STM  
 CHECKED: DLH  
 APPROVED: NET

**gai consultants**

SOUTHPOINTE OFFICE  
 6000 TOWN CENTER BLVD.  
 SUITE 300 EAST  
 CANONSBURG, PA 15317  
 724-873-3545

**mbe**  
 monaloh basin engineers

300 BUSINESS CENTER DRIVE  
 PITTSBURGH, PA 15205  
 412-788-2433

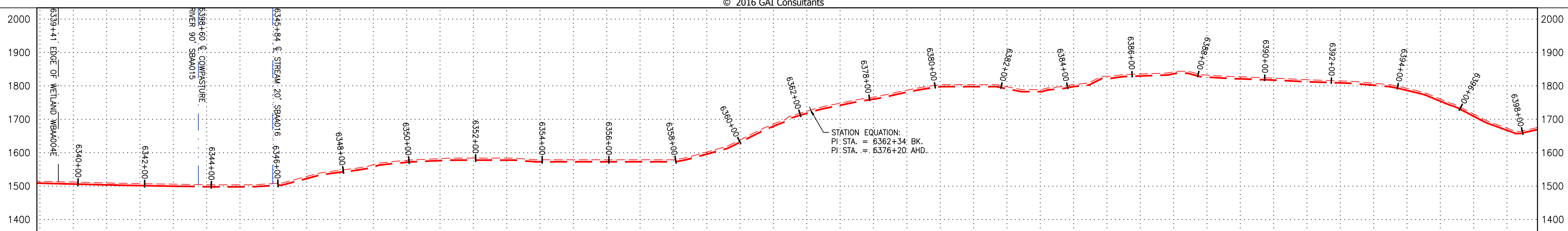
PROJECT NO./DASH NO.  
140468

TASK NO. 005	SUB TASK NO. 00
GROUP ID D	DRAWING NO. E132
132	OF 344

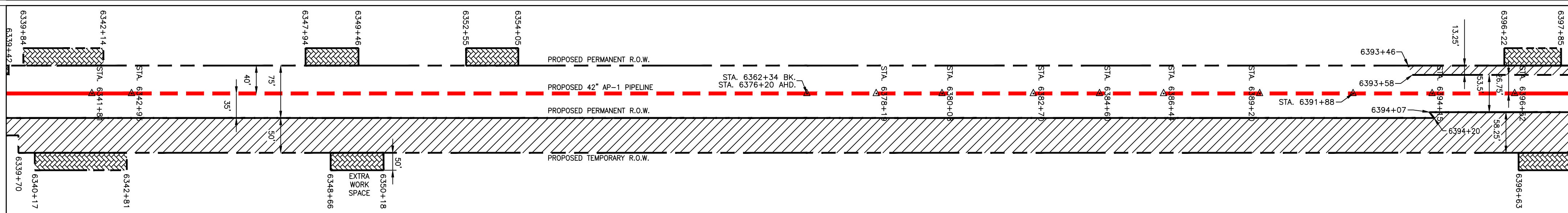
1/12/2017 10:08 AM

NOTE:  
STATIONING SHOWN ON THE  
DRAWING IS BASED ON SLOPE  
MEASUREMENTS.

PROFILE VIEW  
HORZ: 1" = 200'  
VERT: 1" = 200'



STATIONING &  
CONSTRUCTION LIMITS

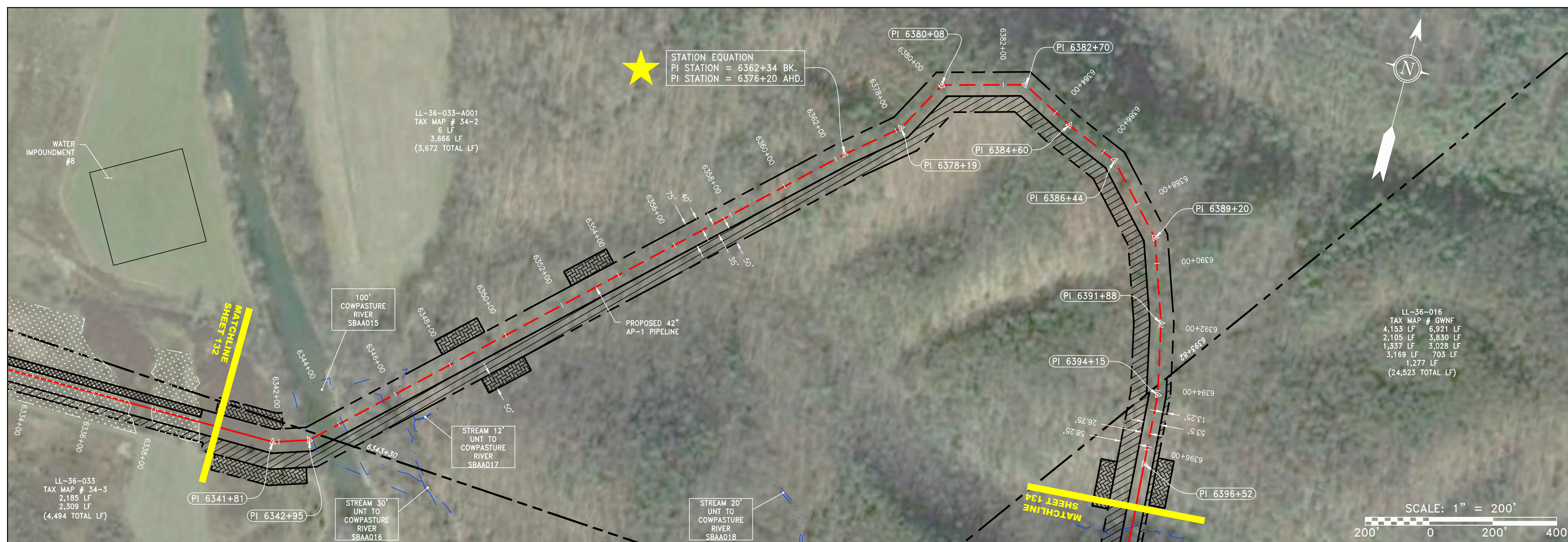


PROPERTY OWNERSHIP

LL-36-033  
TAX MAP # 34-3  
2,309 LF

LL-36-033-A001  
TAX MAP # 34-2  
3,666 LF

LL-36-016  
TAX MAP # GWNF  
6,921 LF



NOT TO SCALE  
PIPE SPECIFICATION

STRING VIEW BAND

LEGEND

- |                       |                        |                   |                             |
|-----------------------|------------------------|-------------------|-----------------------------|
| — X — X — X — X — X — | PROPERTY LINE          | — — — — —         | PROPOSED ACCESS ROAD        |
| — — — — —             | FENCE                  | — W — W — W — W — | WATER SEWER                 |
| — G — G — G — G —     | STREAM                 | — SAN — SAN —     | WETLAND                     |
| — G — G — G — G —     | EXISTING GAS PIPELINE  | — — — — —         | UTILITY POLE                |
| — OH — OH — OH —      | OVERHEAD UTILITY LINES | — — — — —         | EXISTING WELL               |
| — — — — —             | PROPOSED GAS PIPELINE  | — — — — —         | PROPOSED PERMANENT EASEMENT |
| — — — — —             |                        | — — — — —         | PROPOSED PERMANENT R.O.W.   |
|                       |                        | — — — — —         | PROPOSED TEMPORARY R.O.W.   |
|                       |                        | — — — — —         | EXTRA WORK SPACE            |
|                       |                        | — — — — —         | AREA OF NO DISTURBANCE      |
|                       |                        | — — — — —         | TOPSOIL SEGREGATION AREA    |
|                       |                        | — — — — —         | WETLAND                     |
|                       |                        | — — — — —         | PROPOSED PERMANENT R.O.W.   |
|                       |                        | — — — — —         | PROPOSED TEMPORARY R.O.W.   |
|                       |                        | — — — — —         | EXTRA WORK SPACE AREA       |
|                       |                        | — — — — —         | TOPSOIL SEGREGATION AREA    |

- STATION EQUATION:  
PI STA. = 6362+34 BK.  
PI STA. = 6376+20 AHD.
- NOTES:  
1. COORDINATE SYSTEM USED FOR MAPPING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, US SURVEY FOOT, CENTRAL MERIDIAN 81° W  
2. CONTOURS AND TOPOGRAPHIC FEATURES WERE DERIVED BY AN ON THE GROUND SURVEY PERFORMED BY MONALOH BASIN ENGINEERS, INC. ON 06-02-2014 THRU 06-26-2014 GPS SUB-METER ACCURACY.  
3. AERIAL IMAGERY IS TAKEN FROM A SPRING 2015 FLIGHT BY KUCERA INTERNATIONAL INC.  
4. THE PROPERTY LINES SHOWN ARE BASED ON GIS & TAX ASSESSMENT RECORDS (PROVIDED BY OTHERS). GAI & MONALOH BASIN ENGINEERS MAKE NO GUARANTEE EITHER EXPRESSED OR IMPLIED AS TO THE ACCURACY OF THE RECORDS AS SHOWN ON THESE DRAWINGS.  
5. WETLAND DATA SHOWN ON THE DRAWINGS WAS PROVIDED BY NRG.  
6. THESE DRAWINGS ARE NOT INTENDED TO PROVIDE EROSION AND SEDIMENTATION CONTROL REQUIREMENTS. SEE EROSION AND SEDIMENTATION CONTROL PLANS FOR COMPLETE REQUIREMENTS AND BMP LOCATIONS.  
7. ALL STATIONING SHOWN IS SLOPE STATIONING.

NO.	DATE	BY	CHKD.	APPD.	DESCRIPTION

REVISIONS

11/12/17

CONSTRUCTION ALIGNMENT STA 6340+00 TO 6398+00  
BATH COUNTY, VIRGINIA

ATLANTIC COAST PIPELINE, LLC  
C/O DOMINION TRANSMISSION, INC.  
445 W. MAIN STREET, CLARKSBURG, WV 26301

SCALE: AS SHOWN  
DATE: 1/12/17  
DRAWN: STM  
CHECKED: DLH  
APPROVED: NET

gai consultants  
SOUTHPOINTE OFFICE  
6000 TOWN CENTER BLVD.  
PITTSBURGH, PA 15205  
CANONSBURG, PA 15317  
724-873-3545

mbe monaloh basin engineers  
300 BUSINESS CENTER DRIVE  
PITTSBURGH, PA 15205  
412-788-2433

PROJECT NO./DASH NO.	140468
TASK NO.	005
SUB TASK NO.	00
GROUP ID	D
DRAWING NO.	E133
133 OF 344	

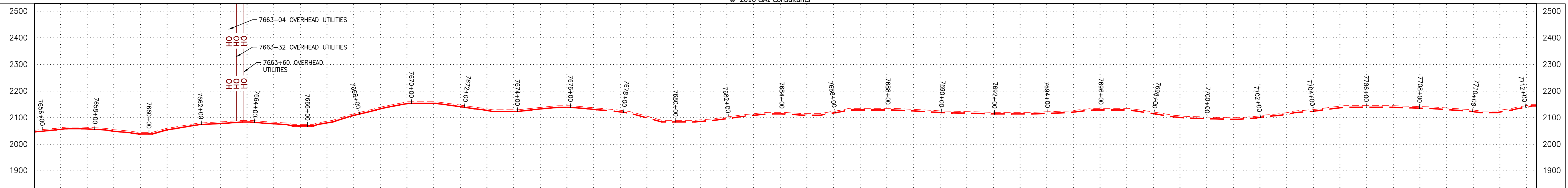
1/12/2017 10:09 AM

Z:\ENERGY\2014\CAD\WON FOREST ROUTE\DWG\ALIGNMENT SHEETS\C140468-00-000-00-E-E154-E155C.DWG

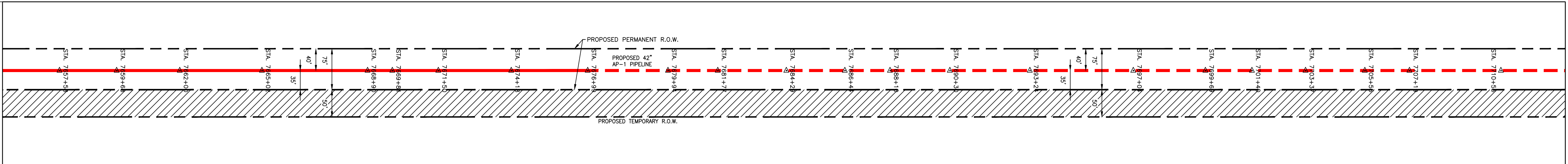
© 2016 GAI Consultants

NOTE:  
STATIONING SHOWN ON THE  
DRAWING IS BASED ON SLOPE  
MEASUREMENTS.

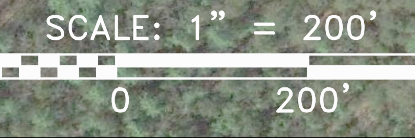
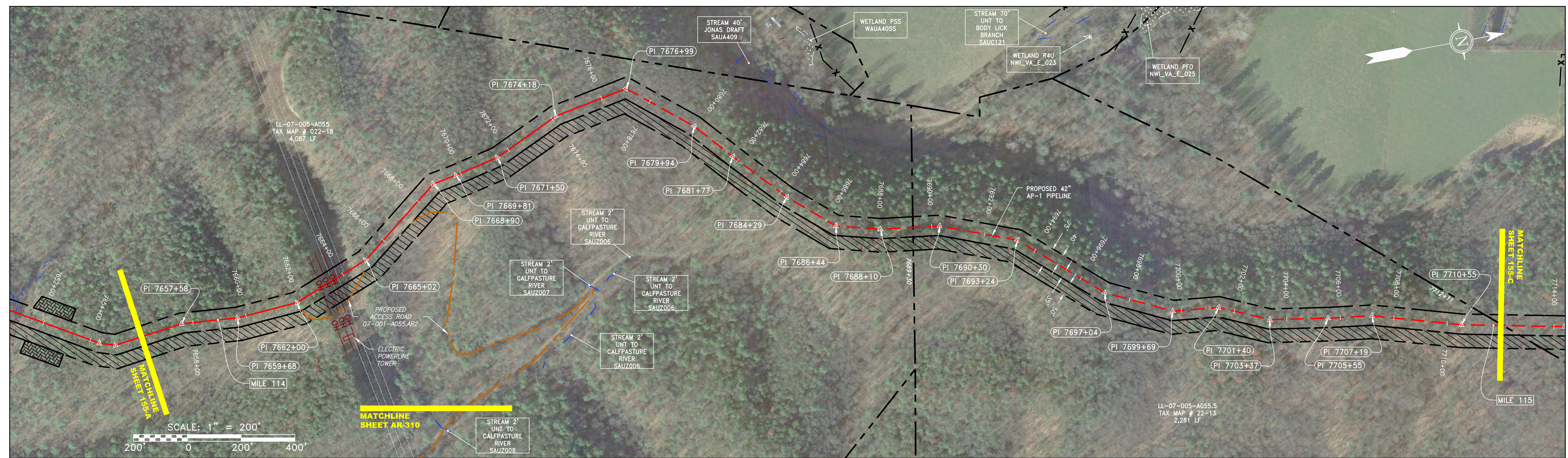
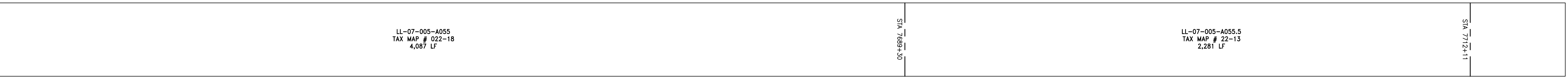
PROFILE VIEW  
HORZ: 1" = 200'  
VERT: 1" = 200'



STATIONING &  
CONSTRUCTION LIMITS



PROPERTY OWNERSHIP



REVISIONS			
NO.	DATE	BY	DESCRIPTION

11/10/17

42" AP-1 PIPELINE  
CONSTRUCTION ALIGNMENT STA 7656+00 TO 7712+00  
AUGUSTA COUNTY, VIRGINIA

ATLANTIC COAST PIPELINE, LLC  
C/O DOMINION TRANSMISSION, INC.  
445 W. MAIN STREET, CLARKSBURG, WV 26301

SCALE: AS SHOWN  
DATE: 1/10/17  
DRAWN: CJF  
CHECKED: DLH  
APPROVED: NET



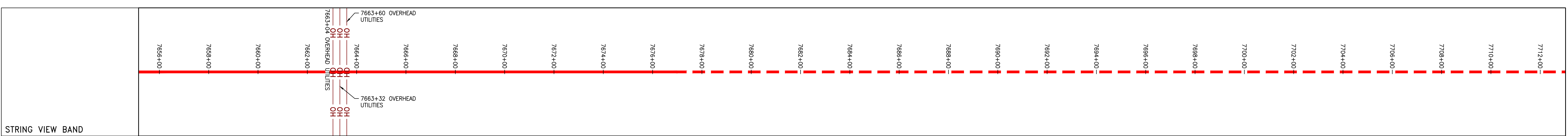
SOUTHPOINTE OFFICE  
6000 TOWN CENTER BLVD.  
SUITE 300 EAST  
CANONSBURG, PA 15317  
724-873-3545



300 BUSINESS CENTER DRIVE  
PITTSBURGH, PA 15205  
412-788-2433

PROJECT NO./DASH NO.	140468	
TASK NO.	005	SUB TASK NO. 00
GROUP ID	D	DRAWING NO. E155-B
155-B	OF	344

NOT TO SCALE  
PIPE SPECIFICATION



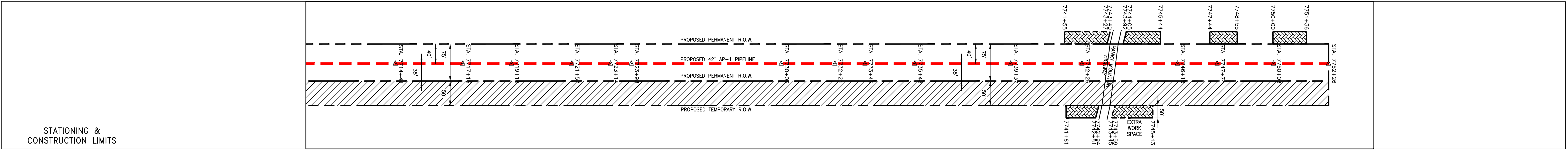
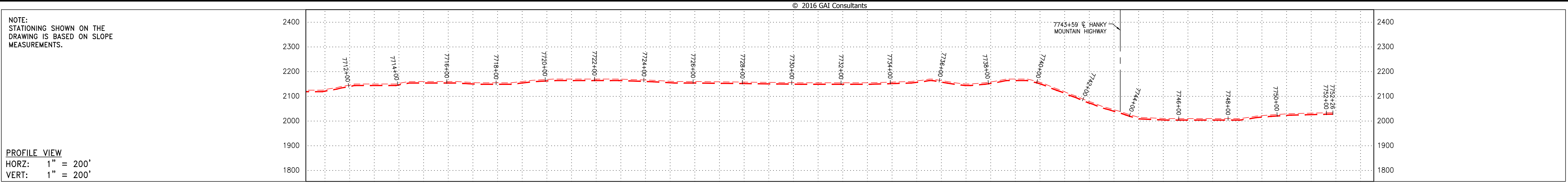
STRING VIEW BAND

LEGEND	
	PROPERTY LINE
	FENCE
	STREAM
	EXISTING GAS PIPELINE
	OVERHEAD UTILITY LINES
	PROPOSED GAS PIPELINE
	PROPOSED ACCESS ROAD
	STORM SEWER
	WATER LINE
	SANITARY SEWER
	EDGE OF GRAVEL
	PROPOSED PERMANENT EASEMENT
	PROPOSED GAS PIPELINE (NO GROUND SURVEY)
	EXTRA WORK SPACE
	AREA OF NO DISTURBANCE
	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)
	UTILITY POLE
	EXISTING WELL
	TOPSOIL SEGREGATION AREA
	PROPOSED TEMPORARY R.O.W.
	PTR PROPOSED TEMPORARY R.O.W.
	PPR PROPOSED PERMANENT R.O.W.
	EWSA EXTRA WORK SPACE AREA
	TSA TOPSOIL SEGREGATION AREA

**NOTES:**

- COORDINATE SYSTEM USED FOR MAPPING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, US SURVEY FOOT, CENTRAL MERIDIAN 81° W
- CONTOURS AND TOPOGRAPHIC FEATURES WERE DERIVED BY AN ON THE GROUND SURVEY PERFORMED BY MONALOH BASIN ENGINEERS, INC. ON 06-02-2014 THRU 06-26-2014 GPS SUB-METER ACCURACY.
- AERIAL IMAGERY IS TAKEN FROM A SPRING 2015 FLIGHT BY KUCERA INTERNATIONAL INC.
- THE PROPERTY LINES SHOWN ARE BASED ON GIS & TAX ASSESSMENT RECORDS (PROVIDED BY OTHERS). GAI & MONALOH BASIN ENGINEERS MAKE NO GUARANTEE EITHER EXPRESSED OR IMPLIED AS TO THE ACCURACY OF THE RECORDS AS SHOWN ON THESE DRAWINGS.
- WETLAND DATA SHOWN ON THE DRAWINGS WAS PROVIDED BY NRG.
- THESE DRAWINGS ARE NOT INTENDED TO PROVIDE EROSION AND SEDIMENTATION CONTROL REQUIREMENTS. SEE EROSION AND SEDIMENTATION CONTROL PLANS FOR COMPLETE REQUIREMENTS AND BMP LOCATIONS.
- ALL STATIONING SHOWN IS SLOPE STATIONING.

Z:\ENERGY\2014\C140468.00 - DOMINION - SOUTHEAST PIPE CAD\WON FOREST REROUTE.DWG\ALIGNMENT SHEETS\C140468-00-000-00-E-E154-E155C.DWG



PROPERTY OWNERSHIP	STATIONING & CONSTRUCTION LIMITS
LL-07-005-A055.5 TAX MAP # 22-13 2,281 LF	SIA 7712+11
LL-07-001-A003 TAX MAP # 022-2 3,106 LF	
HANKY MOUNTAIN HIGHWAY SIA 7743+17	SIA 7723+87
LL-07-001-A004 TAX MAP # 022-4 846 LF	



NOT TO SCALE	PIPE SPECIFICATION
7712+00	7712+00
7714+00	7714+00
7716+00	7716+00
7718+00	7718+00
7720+00	7720+00
7722+00	7722+00
7724+00	7724+00
7726+00	7726+00
7728+00	7728+00
7730+00	7730+00
7732+00	7732+00
7734+00	7734+00
7736+00	7736+00
7738+00	7738+00
7740+00	7740+00
7742+00	7742+00
7744+00	7744+00
7746+00	7746+00
7748+00	7748+00
7750+00	7750+00
7752+00	7752+00
7752+26	7752+26

STRING VIEW BAND	LEGEND	PROPERTY LINE	PROPOSED ACCESS ROAD	STORM SEWER	WATER LINE	EXTRA WORK SPACE	TOPSOIL SEGREGATION AREA
	— X — X — X — X — X —	FENCE	— W — W — W — W —	SANITARY SEWER	— SAN — SAN —	AREA OF NO DISTURBANCE	TOPSOIL SEGREGATION AREA
	— G — G — G — G —	EXISTING GAS PIPELINE	EDGE OF GRAVEL	PROPOSED PERMANENT EASEMENT	PROPOSED PERMANENT R.O.W.	WETLAND	PROPOSED TEMPORARY R.O.W.
	— OH — OH — OH —	OVERHEAD UTILITY LINES	PROPOSED PERMANENT EASEMENT	PROPOSED PERMANENT R.O.W.	EXTRA WORK SPACE AREA	UTILITY POLE	PROPOSED TEMPORARY R.O.W.
	— — — — —	PROPOSED GAS PIPELINE	PROPOSED PERMANENT EASEMENT	PROPOSED PERMANENT R.O.W.	EXTRA WORK SPACE AREA	EXISTING WELL	PROPOSED TEMPORARY R.O.W.

**NOTES:**

- COORDINATE SYSTEM USED FOR MAPPING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, US SURVEY FOOT, CENTRAL MERIDIAN 81° W
- CONTOURS AND TOPOGRAPHIC FEATURES WERE DERIVED BY AN ON THE GROUND SURVEY PERFORMED BY MONALOH BASIN ENGINEERS, INC. ON 06-02-2014 THRU 06-26-2014 GPS SUB-METER ACCURACY.
- AERIAL IMAGERY IS TAKEN FROM A SPRING 2015 FLIGHT BY KUCERA INTERNATIONAL INC.
- THE PROPERTY LINES SHOWN ARE BASED ON GIS & TAX ASSESSMENT RECORDS (PROVIDED BY OTHERS). GAI & MONALOH BASIN ENGINEERS MAKE NO GUARANTEE EITHER EXPRESSED OR IMPLIED AS TO THE ACCURACY OF THE RECORDS AS SHOWN ON THESE DRAWINGS.
- WETLAND DATA SHOWN ON THE DRAWINGS WAS PROVIDED BY NRG.
- THESE DRAWINGS ARE NOT INTENDED TO PROVIDE EROSION AND SEDIMENTATION CONTROL REQUIREMENTS. SEE EROSION AND SEDIMENTATION CONTROL PLANS FOR COMPLETE REQUIREMENTS AND BMP LOCATIONS.
- ALL STATIONING SHOWN IS SLOPE STATIONING.

THIS DRAWING WAS PRODUCED WITH COMPUTER AIDED DRAFTING TECHNOLOGY AND IS SUPPORTED BY ELECTRONIC DRAWING FILES. DO NOT REVISE THIS DRAWING VIA MANUAL DRAFTING METHODS.

REVISIONS	
NO.	DESCRIPTION

11/10/17

42" AP-1 PIPELINE  
CONSTRUCTION ALIGNMENT STA 7712+00 TO 7752+26  
AUGUSTA COUNTY, VIRGINIA

ATLANTIC COAST PIPELINE, LLC  
C/O DOMINION TRANSMISSION, INC.  
445 W. MAIN STREET, CLARKSBURG, WV 26301

SCALE:	AS SHOWN
DATE:	1/10/17
DRAWN:	CJF
CHECKED:	DLH
APPROVED:	NET

**gai consultants**

SOUTHPOINT OFFICE  
6000 TOWN CENTER BLVD.  
PITTSBURGH, PA 15205

**mbe**  
monaloh basin engineers

300 BUSINESS CENTER DRIVE  
PITTSBURGH, PA 15205  
412-788-2433

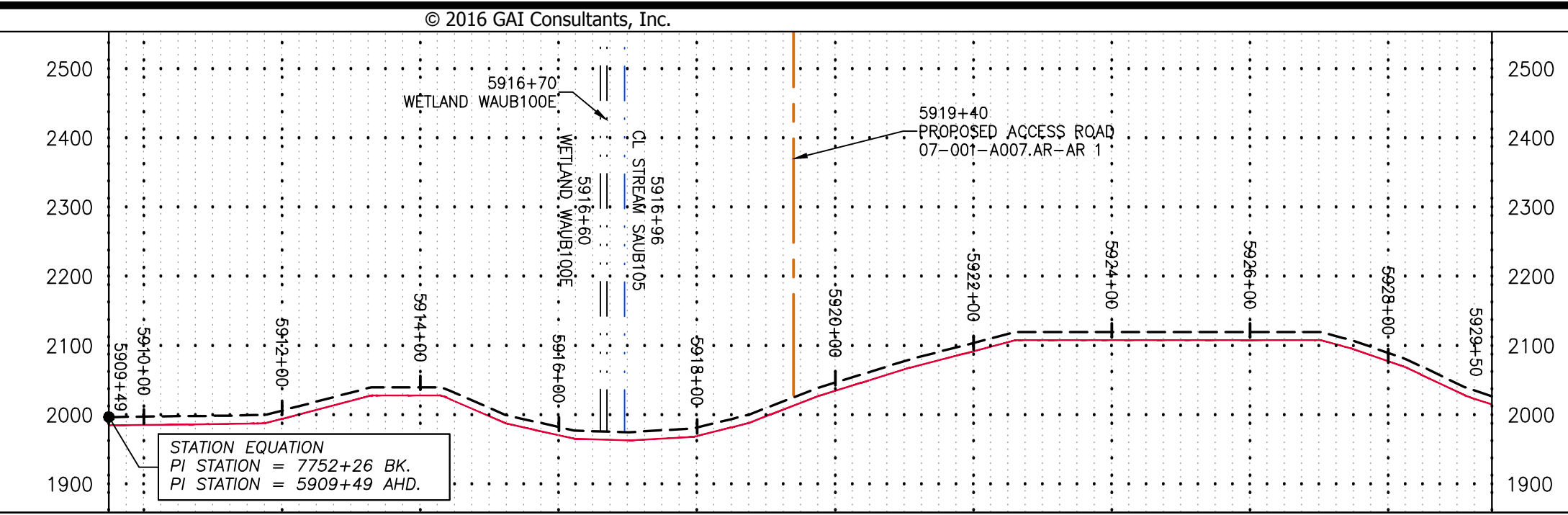
PROJECT NO./DASH NO.	140468	
TASK NO.	005	SUB TASK NO. 00
GROUP ID	D	DRAWING NO. E155-C
155-C	OF	344

1/10/2017 3:40 PM

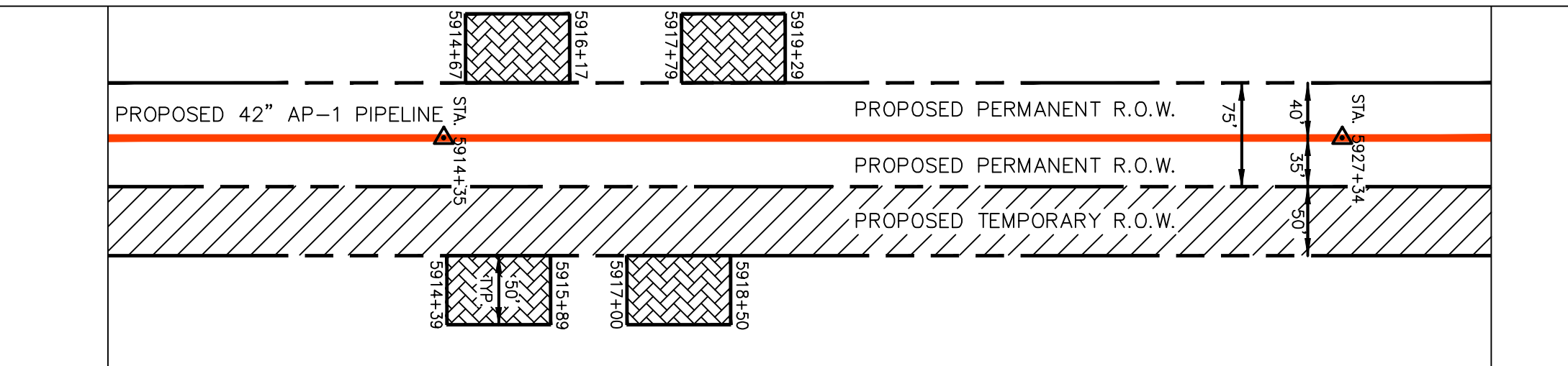
GAI CAD FILE NO. \\ITC-FS1\THRASHER\050-5159 - GIA, INC. - GAI - THRASHER - SERP - MAPPING\SURVEY\DRAWING\SEC 3\RR SHEETS\_156-158 (11-15).DWG

NOTE:  
STATIONING SHOWN ON THE  
DRAWING IS BASED ON  
SLOPE MEASUREMENTS.

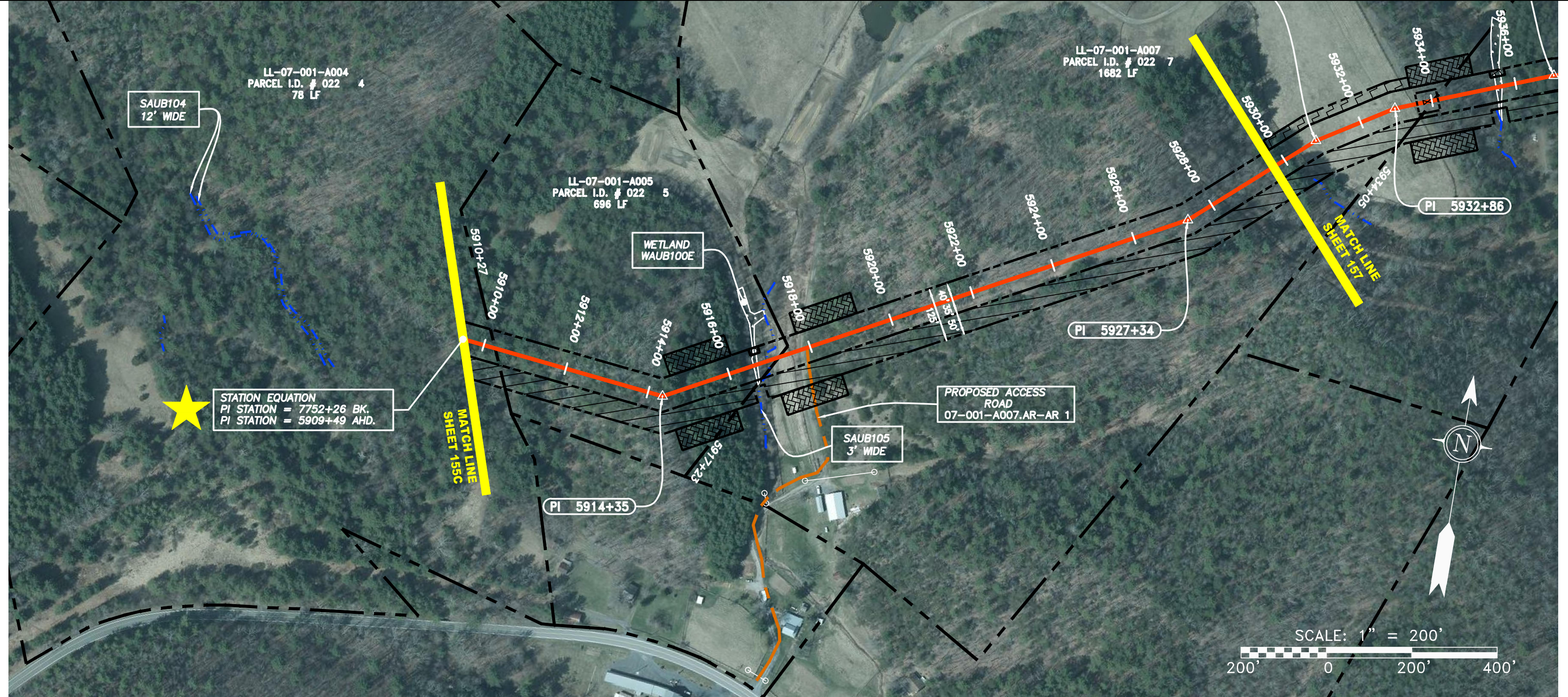
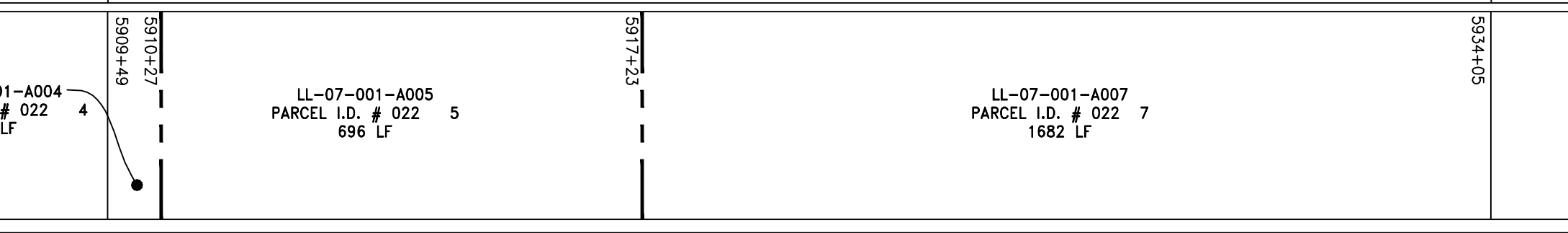
PROFILE VIEW  
HORZ: 1" = 200'  
VERT: 1" = 200'



STATIONING &  
CONSTRUCTION LIMITS

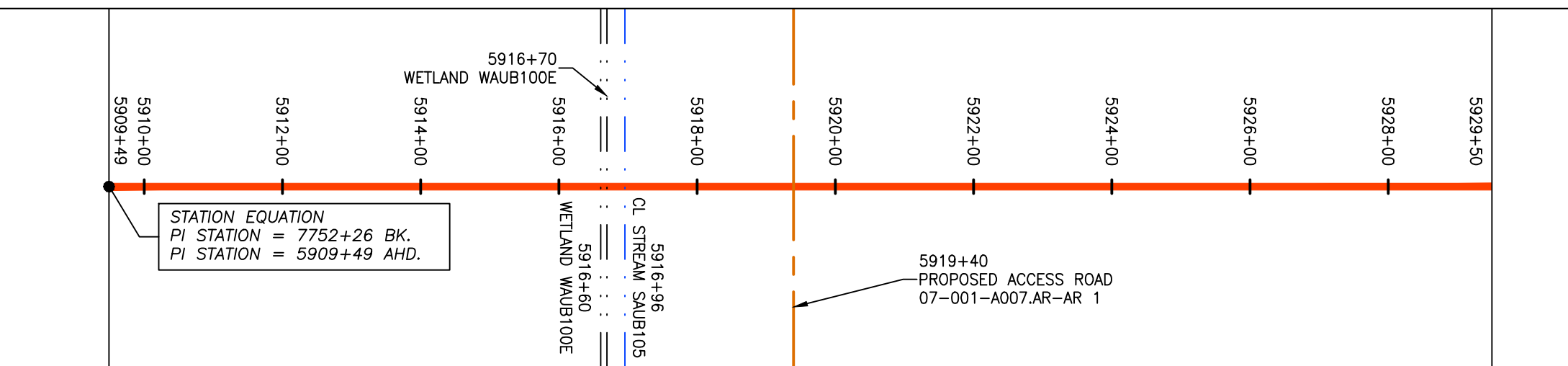


PROPERTY OWNERSHIP



PIPE SPECIFICATION

STRING VIEW BAND



LEGEND	
	PROPERTY LINE
	FENCE
	STREAM
	EXISTING GAS PIPELINE
	OVERHEAD UTILITY LINES
	PROPOSED GAS PIPELINE
	PROPOSED GAS PIPELINE (NO GROUND SURVEY)
	PROPOSED ACCESS ROAD
	WATER LINE
	SANITARY SEWER
	EDGE OF GRAVEL
	PROPOSED PERMANENT EASEMENT
	UTILITY POLE
	PROPOSED TEMPORARY R.O.W.
	EXTRA WORK SPACE
	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)
	TOPSOIL SEGREGATION AREA
	AREA OF NO DISTURBANCE

- NOTES:**
- COORDINATE SYSTEM USED FOR MAPPING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, US SURVEY FOOT, CENTRAL MERIDIAN 81° W
  - CONTOURS AND TOPOGRAPHIC FEATURES WERE DERIVED BY AN ON THE GROUND SURVEY PERFORMED BY THE THRASHER GROUP, INC. ON 06-25-2014 THRU 08-26-2014 GPS SUB-METER ACCURACY.
  - AERIAL IMAGERY IS TAKEN FROM A SPRING 2015 FLIGHT BY KUCERA INTERNATIONAL INC.
  - THE PROPERTY LINES SHOWN ARE BASED ON GIS & TAX ASSESSMENT RECORDS (PROVIDED BY OTHERS). GAI & THE THRASHER GROUP MAKE NO GUARANTEE EITHER EXPRESSED OR IMPLIED AS TO THE ACCURACY OF THE RECORDS AS SHOWN ON THESE DRAWINGS.
  - WETLAND DATA SHOWN ON THE DRAWINGS WAS PROVIDED BY NRG.
  - THESE DRAWINGS ARE NOT INTENDED TO PROVIDE EROSION AND SEDIMENTATION CONTROL REQUIREMENTS. SEE EROSION AND SEDIMENTATION CONTROL PLANS FOR COMPLETE REQUIREMENTS AND BMP LOCATIONS.
  - ALL STATIONING SHOWN IS SLOPE STATIONING.

NO.	DATE	DWN.	CHKD.	APPVD.	DESCRIPTION

1/10/17

42" AP-1 PIPELINE  
CONSTRUCTION ALIGNMENT STA 5905+96 TO 5929+50  
AUGUSTA COUNTY, VIRGINIA

ATLANTIC COAST PIPELINE, LLC  
C/O DOMINION TRANSMISSION, INC.  
445 WEST MAIN STREET  
CLARKSBURG, WEST VIRGINIA 26301

SCALE: AS SHOWN  
DATE: 01/05/17  
DRAWN: GPT  
CHECKED: DLH  
APPROVED: NET

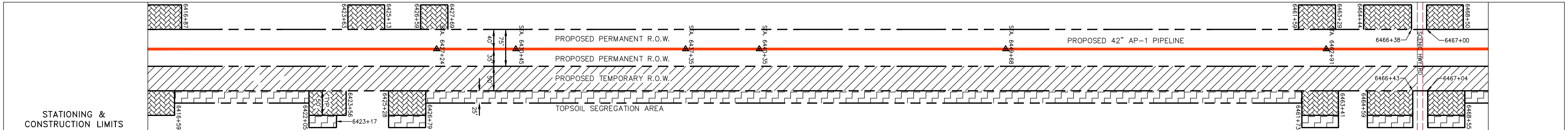
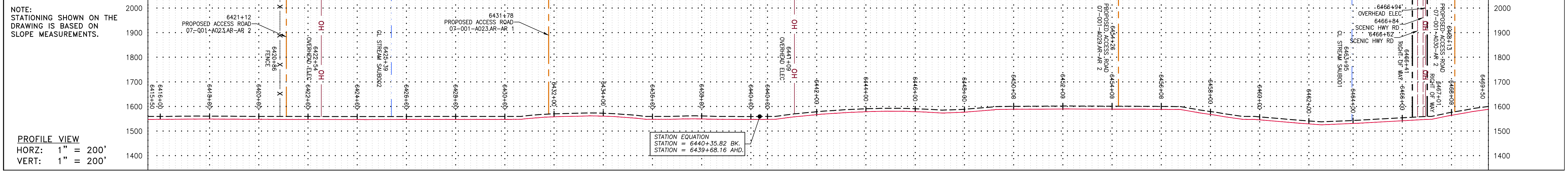


SOUTHPOINTE OFFICE  
6000 TOWN CENTER BLVD.  
CANONSBURG, PA 15317  
724-873-3545

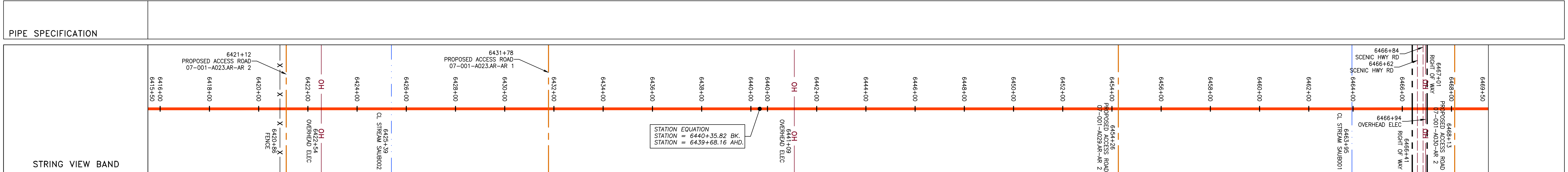
PROJECT NO./DASH NO.	140468
TASK NO. SUB TASK NO.	005 00
GROUP ID DRAWING NO.	D E156
156 OF 344	

GAI CAD FILE NO. \\ITC-FS1\THRASHER\050-5159 - GIA, INC. - GAI - THRASHER - SERP - MAPPING\SURVEY\DRAWING\SEC 3\RR SHEETS\_164-168 (21-25).DWG

© 2016 GAI Consultants, Inc.



PROPERTY OWNERSHIP	PARCEL I.D. #	AREA (LF)
LL-07-001-A022	# 024 116	405 LF
LL-07-001-A023	# 024 117	1116 LF
LL-07-001-A024	# 024 130	2000 LF
LL-07-001-A029	# 024 131	1128 LF
LL-07-001-A030	# 024 128	535 LF
LL-07-001-A030	# 024 128	2106 LF



<p><b>LEGEND</b></p> <p>--- X X X X X --- <b>PROPERTY LINE</b></p> <p>- - - - - <b>FENCE</b></p> <p>--- G G G G G --- <b>STREAM</b></p> <p>--- OH OH OH OH OH --- <b>EXISTING GAS PIPELINE</b></p> <p>--- OH OH OH OH OH --- <b>OVERHEAD UTILITY LINES</b></p> <p>--- OH OH OH OH OH --- <b>PROPOSED GAS PIPELINE</b></p> <p>--- OH OH OH OH OH --- <b>PROPOSED GAS PIPELINE (NO GROUND SURVEY)</b></p>	<p>--- W W W W W --- <b>PROPERTY LINE</b></p> <p>--- W W W W W --- <b>FENCE</b></p> <p>--- G G G G G --- <b>STREAM</b></p> <p>--- OH OH OH OH OH --- <b>EXISTING GAS PIPELINE</b></p> <p>--- OH OH OH OH OH --- <b>OVERHEAD UTILITY LINES</b></p> <p>--- OH OH OH OH OH --- <b>PROPOSED GAS PIPELINE</b></p> <p>--- OH OH OH OH OH --- <b>PROPOSED GAS PIPELINE (NO GROUND SURVEY)</b></p>	<p>--- OH OH OH OH OH --- <b>PROPOSED ACCESS ROAD</b></p> <p>--- W W W W W --- <b>STORM SEWER</b></p> <p>--- W W W W W --- <b>WATER LINE</b></p> <p>--- SAN SAN SAN SAN --- <b>SANITARY SEWER</b></p> <p>--- OH OH OH OH OH --- <b>EDGE OF GRAVEL</b></p> <p>--- OH OH OH OH OH --- <b>PROPOSED PERMANENT EASEMENT</b></p> <p>--- OH OH OH OH OH --- <b>UTILITY POLE</b></p>	<p>[Hatched Box] <b>PROPOSED TEMPORARY R.O.W.</b></p> <p>[Dotted Box] <b>EXTRA WORK SPACE</b></p> <p>[Green Box] <b>WETLAND</b> (COLOR SHOWN TO PROVIDE CLARITY ONLY)</p> <p>[Stippled Box] <b>TOPSOIL SEGREGATION AREA</b></p> <p>[Cross-hatched Box] <b>AREA OF NO DISTURBANCE</b></p>	<p><b>NOTES:</b></p> <ol style="list-style-type: none"> <li>COORDINATE SYSTEM USED FOR MAPPING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, US SURVEY FOOT, CENTRAL MERIDIAN 81° W</li> <li>CONTOURS AND TOPOGRAPHIC FEATURES WERE DERIVED BY AN ON THE GROUND SURVEY PERFORMED BY THE THRASHER GROUP, INC. ON 06-25-2014 THRU 08-26-2014 GPS SUB-METER ACCURACY.</li> <li>AERIAL IMAGERY IS TAKEN FROM A SPRING 2015 FLIGHT BY KUCERA SUB-INTERNATIONAL, INC.</li> <li>THE PROPERTY LINES SHOWN ARE BASED ON GIS &amp; TAX ASSESSMENT RECORDS (PROVIDED BY OTHERS). GAI &amp; THE THRASHER GROUP MAKE NO GUARANTEE EITHER EXPRESSED OR IMPLIED AS TO THE ACCURACY OF THE RECORDS AS SHOWN ON THESE DRAWINGS.</li> <li>WETLAND DATA SHOWN ON THE DRAWINGS WAS PROVIDED BY NRG.</li> <li>THESE DRAWINGS ARE NOT INTENDED TO PROVIDE EROSION AND SEDIMENTATION CONTROL REQUIREMENTS. SEE EROSION AND SEDIMENTATION CONTROL PLANS FOR COMPLETE REQUIREMENTS AND BMP LOCATIONS.</li> <li>ALL STATIONING SHOWN IS SLOPE STATIONING.</li> </ol>
---	--	--	--	--

<p>12/28/16</p>	
<p>NO.</p>	<p>DATE</p>
<p>DWN.</p>	<p>CHKD.</p>
<p>APPRD.</p>	<p>DESCRIPTION</p>
<p>166 OF 344</p>	
<p>PROJECT NO./DASH NO. 140468</p>	
<p>TASK NO. 005</p>	<p>SUB TASK NO. 00</p>
<p>GROUP ID D</p>	<p>DRAWING NO. E166</p>
<p>166 OF 344</p>	

42" AP-1 PIPELINE  
CONSTRUCTION ALIGNMENT STA 6415+50 TO 6469+50  
AUGUSTA COUNTY, VIRGINIA

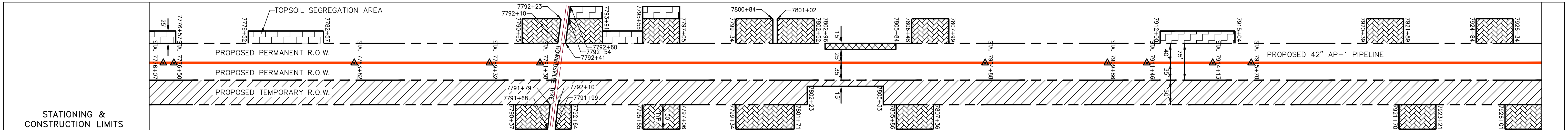
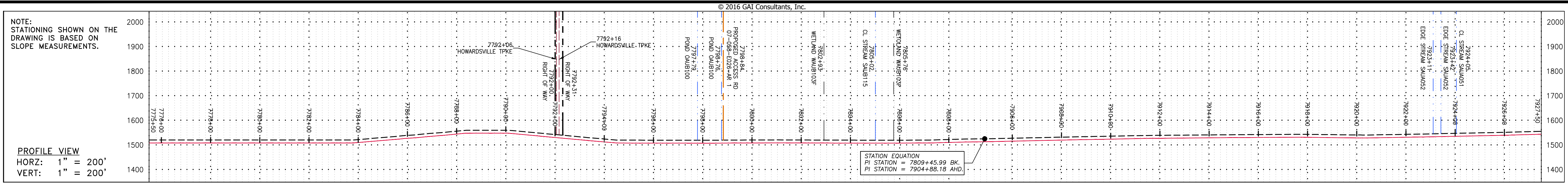
ATLANTIC COAST PIPELINE, LLC  
C/O DOMINION TRANSMISSION, INC.  
445 WEST MAIN STREET  
CLARKSBURG, WEST VIRGINIA, 26301

SCALE: AS SHOWN  
DATE: 01/05/17  
DRAWN: GPT  
CHECKED: DLH  
APPROVED: NET

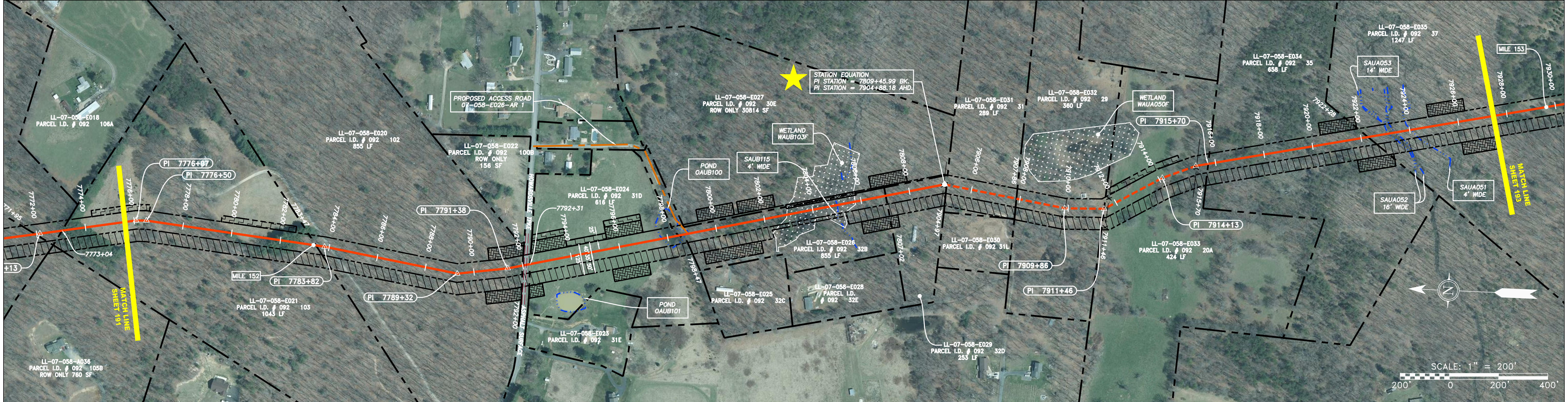
**gai consultants**  
SOUTHPOINTE OFFICE  
6000 TOWN CENTER BLVD.  
CANONSBURG, PA 15317  
724-873-3545

THIS DRAWING WAS PRODUCED WITH COMPUTER AIDED DRAFTING TECHNOLOGY AND IS SUPPORTED BY ELECTRONIC DRAWING FILES. DO NOT REVISE THIS DRAWING VIA MANUAL DRAFTING METHODS.

GAI CAD FILE NO. \\ITC-FS1\THRASHER\050-5159 - GIA, INC. - SERP - MAPPING\SURVEY\DRAWING\SEC 3\RR SHEETS 189-192 (46-50).DWG

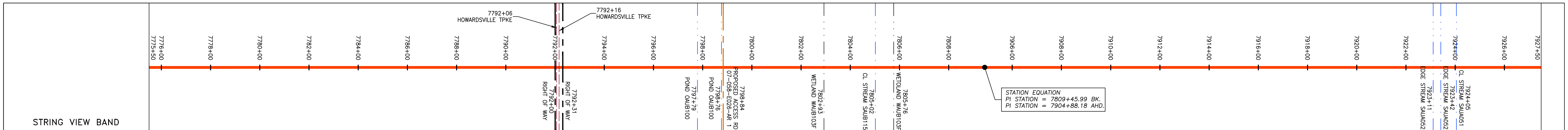


PROPERTY OWNERSHIP	PARCEL I.D. #	ROW ONLY	AREA
LL-07-058-E021	092 103	1043 LF	
LL-07-058-E020	092 102	855 LF	
LL-07-058-E022	092 100B	156 SF	
LL-07-058-E024	092 31D	616 LF	
LL-07-058-E027	092 30E	30814 SF	
LL-07-058-E026	092 32B	855 LF	
LL-07-058-E029	092 32D	253 LF	
LL-07-058-E031	092 31	289 LF	
LL-07-058-E032	092 29	360 LF	
LL-07-058-E033	092 20A	424 LF	
LL-07-058-E034	092 35	658 LF	
LL-07-058-E035	092 37	1247 LF	



PIPE SPECIFICATION

PIPE TYPE	42" AP-1 PIPELINE
PIPE MATERIAL	AP-1
PIPE WALL THICKNESS	AS PER MANUFACTURER'S SPECIFICATIONS
PIPE JOINT	AS PER MANUFACTURER'S SPECIFICATIONS
PIPE COATING	AS PER MANUFACTURER'S SPECIFICATIONS
PIPE PROTECTION	AS PER MANUFACTURER'S SPECIFICATIONS



**LEGEND**

	PROPERTY LINE		PROPOSED ACCESS ROAD		PROPOSED TEMPORARY R.O.W.
	FENCE		STORM SEWER		EXTRA WORK SPACE
	STREAM		WATER LINE		WETLAND
	EXISTING GAS PIPELINE		SANITARY SEWER		TOPSOIL SEGREGATION AREA
	OVERHEAD UTILITY LINES		EDGE OF GRAVEL		AREA OF NO DISTURBANCE
	PROPOSED GAS PIPELINE		PROPOSED PERMANENT EASEMENT		
	PROPOSED GAS PIPELINE (NO GROUND SURVEY)		UTILITY POLE		

**NOTES:**

- COORDINATE SYSTEM USED FOR MAPPING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, US SURVEY FOOT, CENTRAL MERIDIAN 81° W
- CONTOURS AND TOPOGRAPHIC FEATURES WERE DERIVED BY AN ON THE GROUND SURVEY PERFORMED BY THE THRASHER GROUP, INC. ON 06-25-2014 THRU 08-26-2014 GPS SUB-METER ACCURACY.
- AERIAL IMAGERY IS TAKEN FROM A SPRING 2015 FLIGHT BY KUCERA INTERNATIONAL INC.
- THE PROPERTY LINES SHOWN ARE BASED ON GIS & TAX ASSESSMENT RECORDS (PROVIDED BY OTHERS). GAI & THE THRASHER GROUP MAKE NO GUARANTEE EITHER EXPRESSED OR IMPLIED AS TO THE ACCURACY OF THE RECORDS AS SHOWN ON THESE DRAWINGS.
- WETLAND DATA SHOWN ON THE DRAWINGS WAS PROVIDED BY NRG.
- THESE DRAWINGS ARE NOT INTENDED TO PROVIDE EROSION AND SEDIMENTATION CONTROL REQUIREMENTS. SEE EROSION AND SEDIMENTATION CONTROL PLANS FOR COMPLETE REQUIREMENTS AND BMP LOCATIONS.
- ALL STATIONING SHOWN IS SLOPE STATIONING.

NO.	DATE	BY	CHKD.	APPD.	DESCRIPTION

1/6/17

**42" AP-1 PIPELINE**  
**CONSTRUCTION ALIGNMENT STA 7775+50 TO 7927+50**  
 AUGUSTA COUNTY, VIRGINIA  
**ATLANTIC COAST PIPELINE, LLC**  
 C/O DOMINION TRANSMISSION, INC.  
 445 WEST MAIN STREET  
 CLARKSBURG, WEST VIRGINIA, 26301

SCALE: AS SHOWN  
 DATE: 01/05/17  
 DRAWN: GPT  
 CHECKED: DLH  
 APPROVED: NET

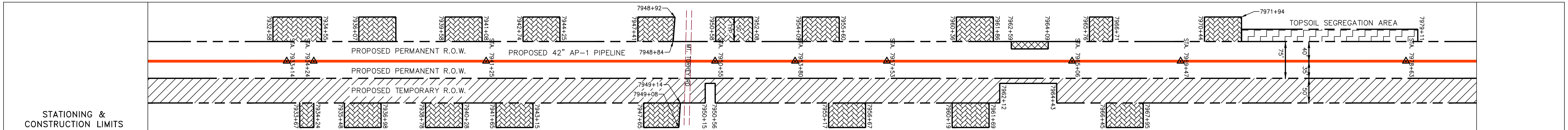
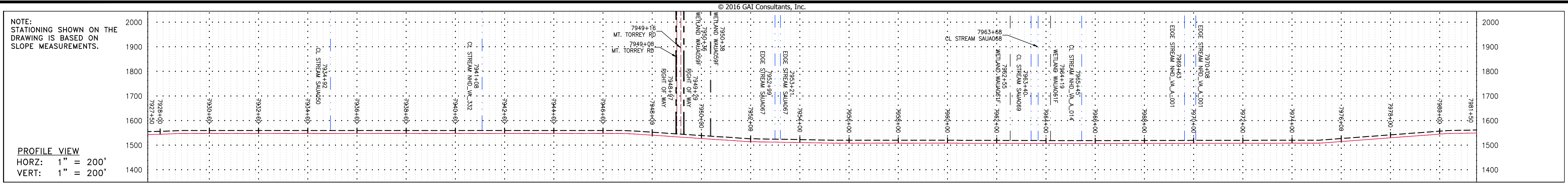


SOUTHPOINTE OFFICE  
 6000 TOWN CENTER BLVD.  
 CANONSBURG, PA 15317  
 724-873-3545

PROJECT NO./DASH NO.	140468
TASK NO. SUB TASK NO.	005 00
GROUP ID DRAWING NO.	D E192
192 OF 344	

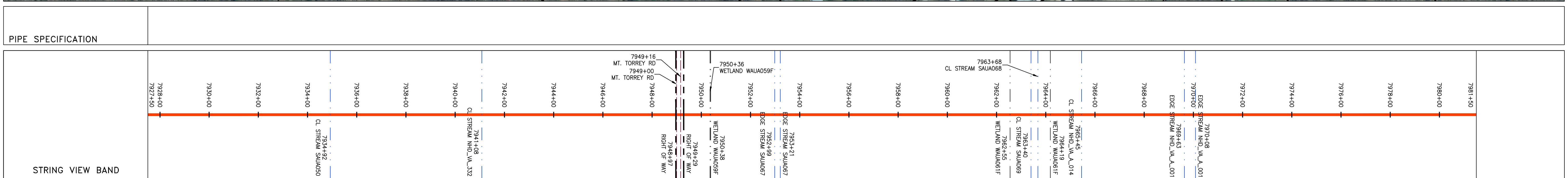
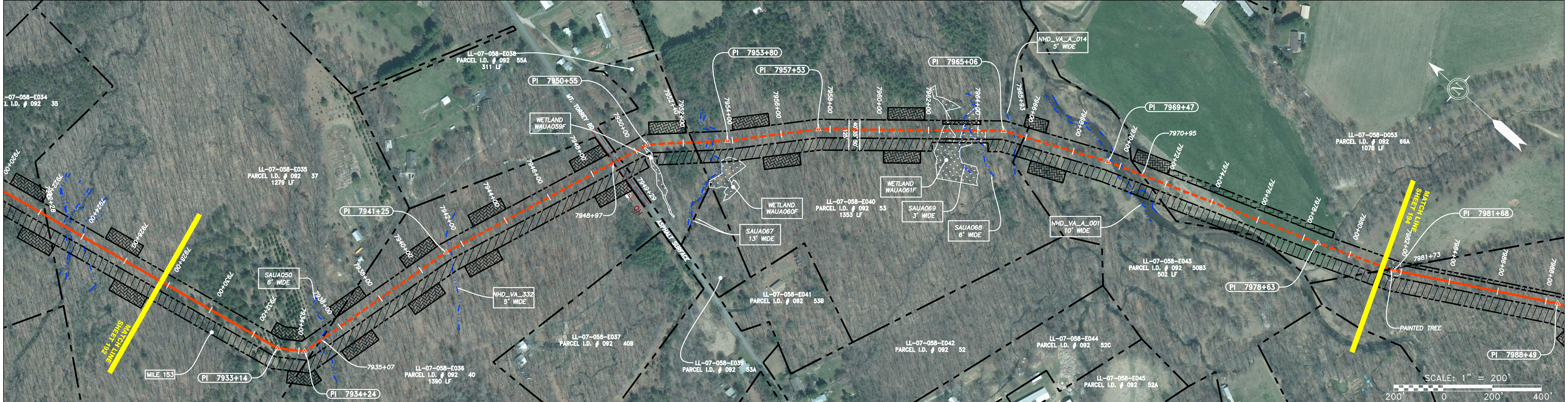


GAI CAD FILE NO. \\\ITC-FS1\\THRASHER\_050-5159 - GIA, INC. - GAI - THRASHER - MAPPING\\SURVEY\\DRAWING\\SEC 3\\RR SHEETS\_193-198 (51-55).DWG



PROPERTY OWNERSHIP

7928+28	LL-07-058-E035 PARCEL I.D. # 092 37 1279 LF	7935+07	LL-07-058-E036 PARCEL I.D. # 092 40 1390 LF	7942+00	LL-07-058-E038 PARCEL I.D. # 092 55A 311 LF	7949+00	LL-07-058-E040 PARCEL I.D. # 092 53 1353 LF	7956+00	LL-07-058-E043 PARCEL I.D. # 092 50B3 502 LF	7963+00	LL-07-058-E053 PARCEL I.D. # 092 66A 1078 LF	7970+00	7977+00	7981+50
---------	---	---------	---	---------	---	---------	---	---------	--	---------	--	---------	---------	---------



**LEGEND**

PROPERTY LINE	PROPOSED ACCESS ROAD	PROPOSED TEMPORARY R.O.W.
FENCE	STORM SEWER	EXTRA WORK SPACE
STREAM	WATER LINE	WETLAND <small>(COLOR SHOWN TO PROVIDE CLARITY ONLY)</small>
EXISTING GAS PIPELINE	SANITARY SEWER	TOPSOIL SEGREGATION AREA
OVERHEAD UTILITY LINES	EDGE OF GRAVEL	AREA OF NO DISTURBANCE
PROPOSED GAS PIPELINE	PROPOSED PERMANENT EASEMENT	
PROPOSED GAS PIPELINE (NO GROUND SURVEY)	UTILITY POLE	

**NOTES:**

- COORDINATE SYSTEM USED FOR MAPPING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, US SURVEY FOOT, CENTRAL MERIDIAN 81° W
- CONTOURS AND TOPOGRAPHIC FEATURES WERE DERIVED BY AN ON THE GROUND SURVEY PERFORMED BY THE THRASHER GROUP, INC. ON 06-25-2014 THRU 08-26-2014 GPS SUB-METER ACCURACY.
- AERIAL IMAGERY IS TAKEN FROM A SPRING 2015 FLIGHT BY KUCERA INTERNATIONAL INC.
- THE PROPERTY LINES SHOWN ARE BASED ON GIS & TAX ASSESSMENT RECORDS (PROVIDED BY OTHERS). GAI & THE THRASHER GROUP MAKE NO GUARANTEE EITHER EXPRESSED OR IMPLIED AS TO THE ACCURACY OF THE RECORDS AS SHOWN ON THESE DRAWINGS.
- WETLAND DATA SHOWN ON THESE DRAWINGS WAS PROVIDED BY NRG.
- THESE DRAWINGS ARE NOT INTENDED TO PROVIDE EROSION AND SEDIMENTATION CONTROL REQUIREMENTS. SEE EROSION AND SEDIMENTATION CONTROL PLANS FOR COMPLETE REQUIREMENTS AND BMP LOCATIONS.
- ALL STATIONING SHOWN IS SLOPE STATIONING.

REVISIONS	
NO.	DATE
DWN.	CHKD.
APPD.	DESCRIPTION

12/28/16

42" AP-1 PIPELINE  
 CONSTRUCTION ALIGNMENT STA 7927+50 TO 7981+50  
 AUGUSTA COUNTY, VIRGINIA

ATLANTIC COAST PIPELINE, LLC  
 C/O DOMINION TRANSMISSION, INC.  
 445 WEST MAIN STREET  
 CLARKSBURG, WEST VIRGINIA 26301

SCALE: AS SHOWN  
 DATE: 01/05/17  
 DRAWN: GPT  
 CHECKED: DLH  
 APPROVED: NET

**gai consultants**

SOUTHPOINTE OFFICE  
 6000 TOWN CENTER BLVD.  
 CANONSBURG, PA 15317  
 724-873-3545

PROJECT NO./DASH NO.	140468
TASK NO. SUB TASK NO.	005 00
GROUP ID DRAWING NO.	D E193
193 OF 344	

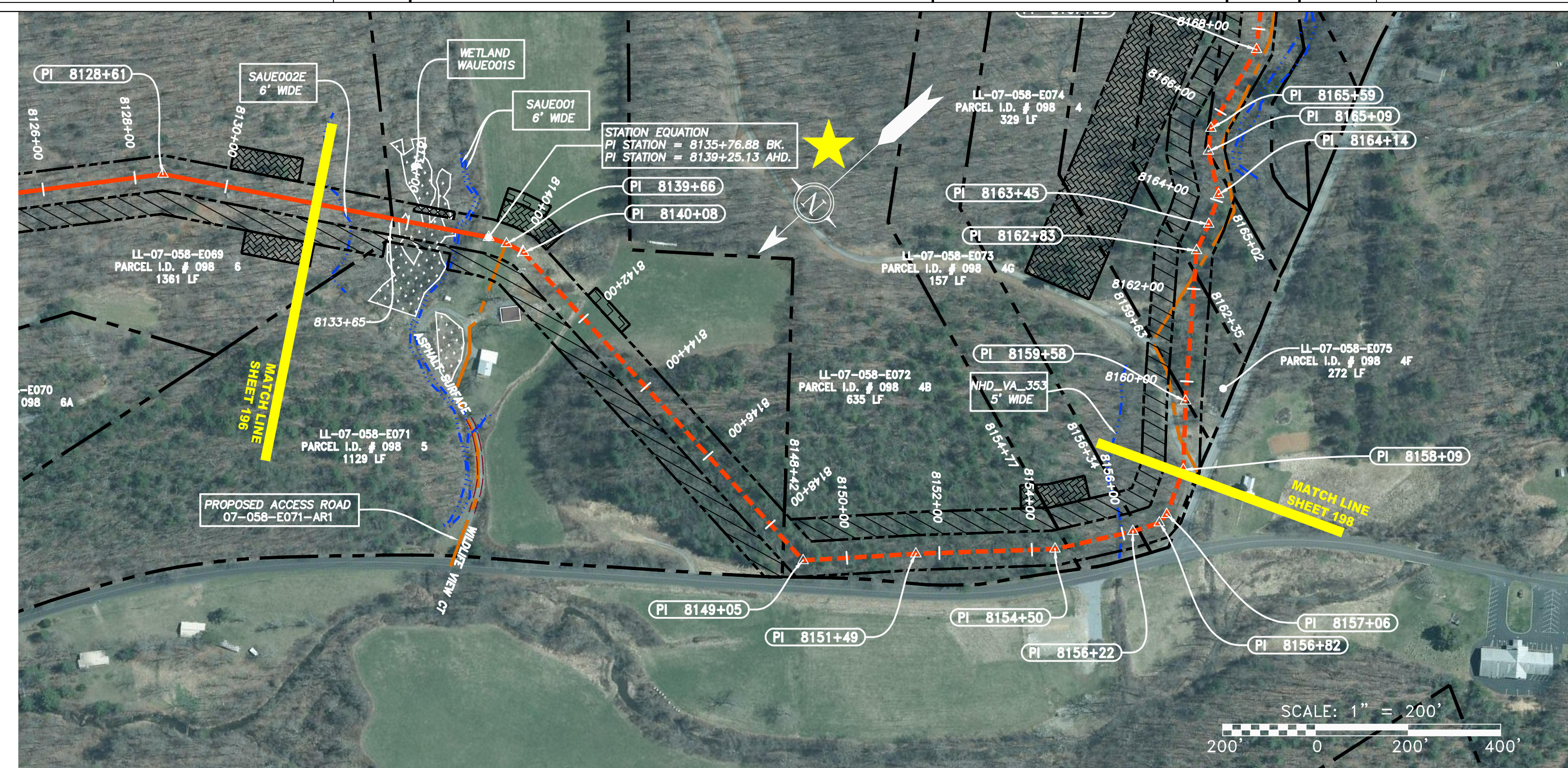
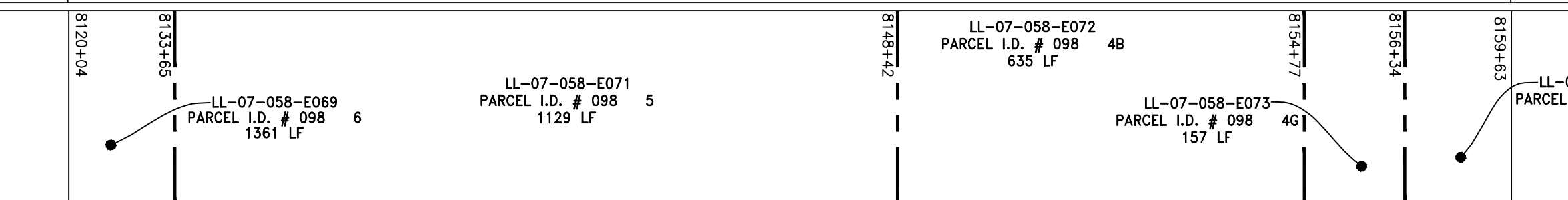
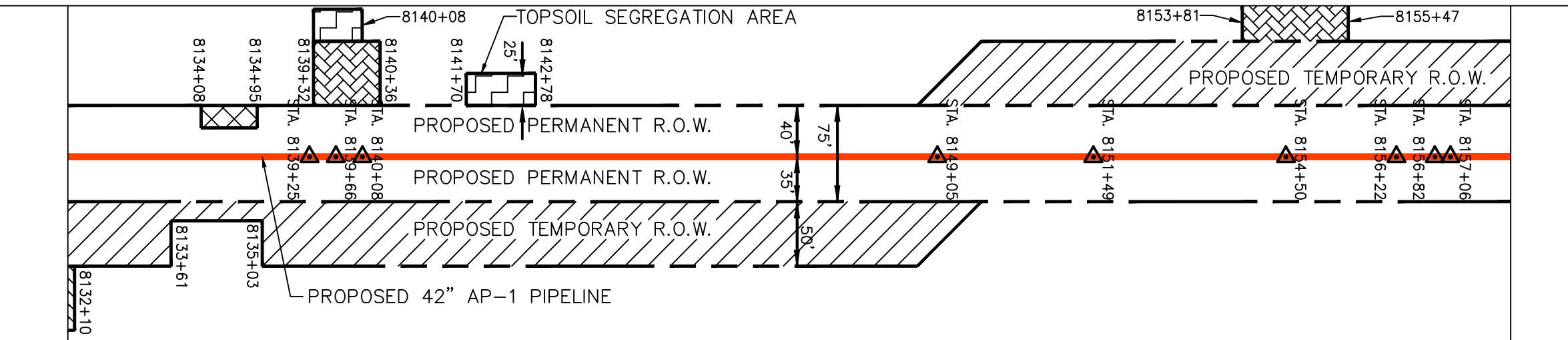
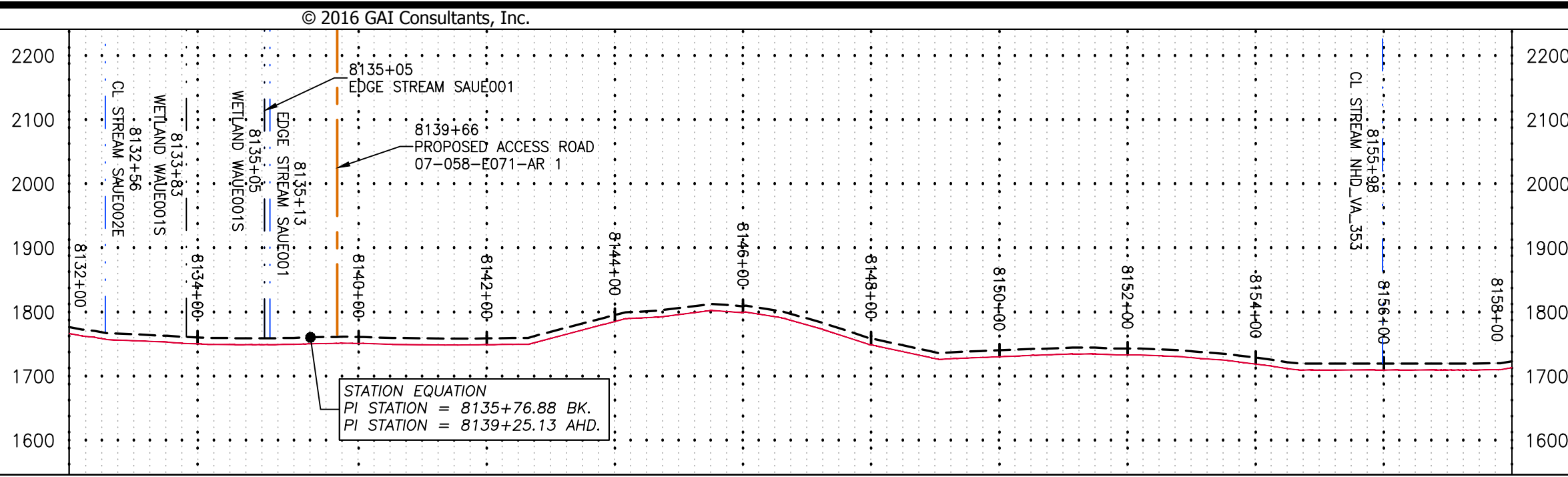
GAI CAD FILE NO. R:\050-5159 - GAI - THRASHER - SERP - MAPPING\SURVEY\DRAWING\SEC 3\RR SHEETS 193-198 (51-55).DWG

NOTE:  
STATIONING SHOWN ON THE  
DRAWING IS BASED ON  
SLOPE MEASUREMENTS.

PROFILE VIEW  
HORZ: 1" = 200'  
VERT: 1" = 200'

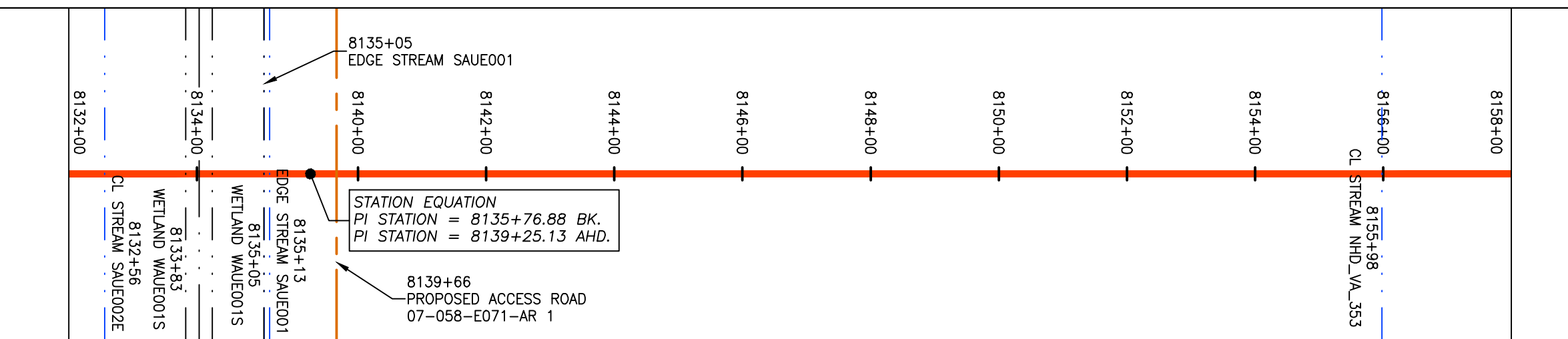
STATIONING &  
CONSTRUCTION LIMITS

PROPERTY OWNERSHIP



PIPE SPECIFICATION

STRING VIEW BAND



LEGEND	
	PROPERTY LINE
	FENCE
	STREAM
	EXISTING GAS PIPELINE
	OVERHEAD UTILITY LINES
	PROPOSED GAS PIPELINE
	PROPOSED GAS PIPELINE (NO GROUND SURVEY)
	PROPOSED ACCESS ROAD
	STORM SEWER
	WATER LINE
	SANITARY SEWER
	EDGE OF GRAVEL
	PROPOSED PERMANENT EASEMENT
	UTILITY POLE
	PROPOSED TEMPORARY R.O.W.
	EXTRA WORK SPACE
	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)
	TOPSOIL SEGREGATION AREA
	AREA OF NO DISTURBANCE

- NOTES:**
- COORDINATE SYSTEM USED FOR MAPPING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, US SURVEY FOOT, CENTRAL MERIDIAN 81° W
  - CONTOURS AND TOPOGRAPHIC FEATURES WERE DERIVED BY AN ON THE GROUND SURVEY PERFORMED BY THE THRASHER GROUP, INC. ON 06-25-2014 THRU 08-26-2014 GPS SUB-METER ACCURACY.
  - AERIAL IMAGERY IS TAKEN FROM A SPRING 2015 FLIGHT BY KUCERA INTERNATIONAL INC.
  - THE PROPERTY LINES SHOWN ARE BASED ON GIS & TAX ASSESSMENT RECORDS (PROVIDED BY OTHERS), GAI & THE THRASHER GROUP MAKE NO GUARANTEE EITHER EXPRESSED OR IMPLIED AS TO THE ACCURACY OF THE RECORDS AS SHOWN ON THESE DRAWINGS.
  - WETLAND DATA SHOWN ON THE DRAWINGS WAS PROVIDED BY NRG.
  - THESE DRAWINGS ARE NOT INTENDED TO PROVIDE EROSION AND SEDIMENTATION CONTROL REQUIREMENTS. SEE EROSION AND SEDIMENTATION CONTROL PLANS FOR COMPLETE REQUIREMENTS AND BMP LOCATIONS.
  - ALL STATIONING SHOWN IS SLOPE STATIONING.

NO.	DATE	BY	CHKD.	APPD.	DESCRIPTION

**1/4/17**

**42" AP-1 PIPELINE  
CONSTRUCTION ALIGNMENT STA 8132+00 TO 8158+00**

AUGUSTA COUNTY, VIRGINIA

**ATLANTIC COAST PIPELINE, LLC  
C/O DOMINION TRANSMISSION, INC.**

445 WEST MAIN STREET  
CLARKSBURG, WEST VIRGINIA 26301

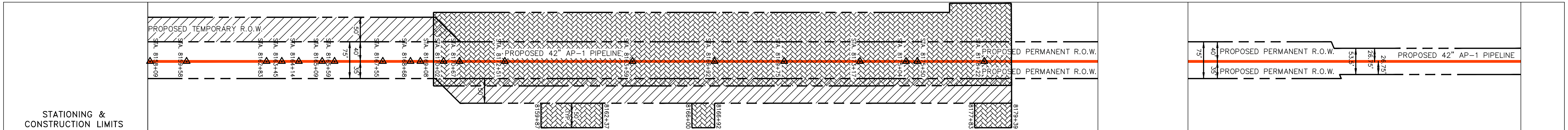
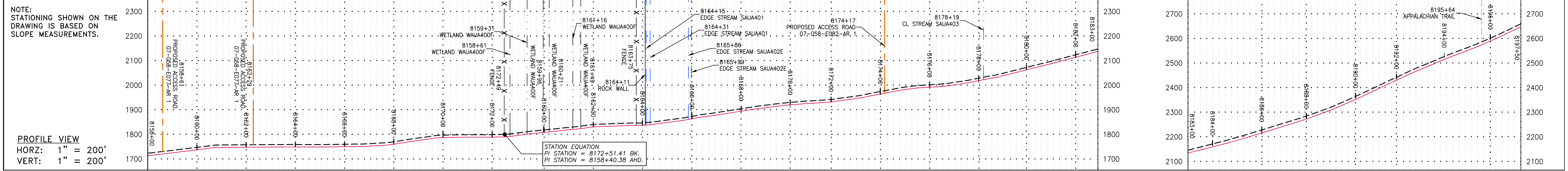
SCALE: AS SHOWN  
DATE: 01/05/17  
DRAWN: GPT  
CHECKED: DLH  
APPROVED: NET



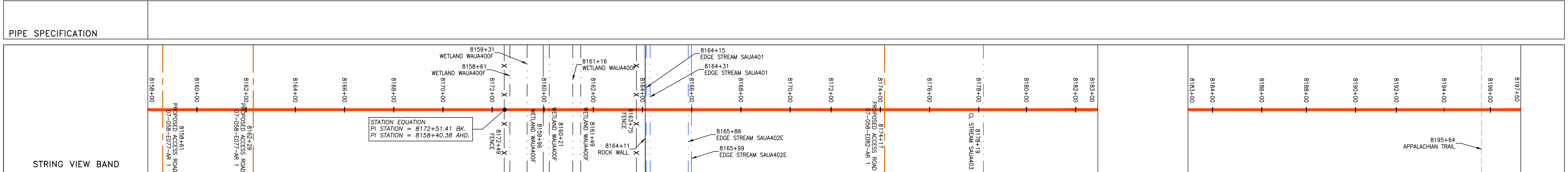
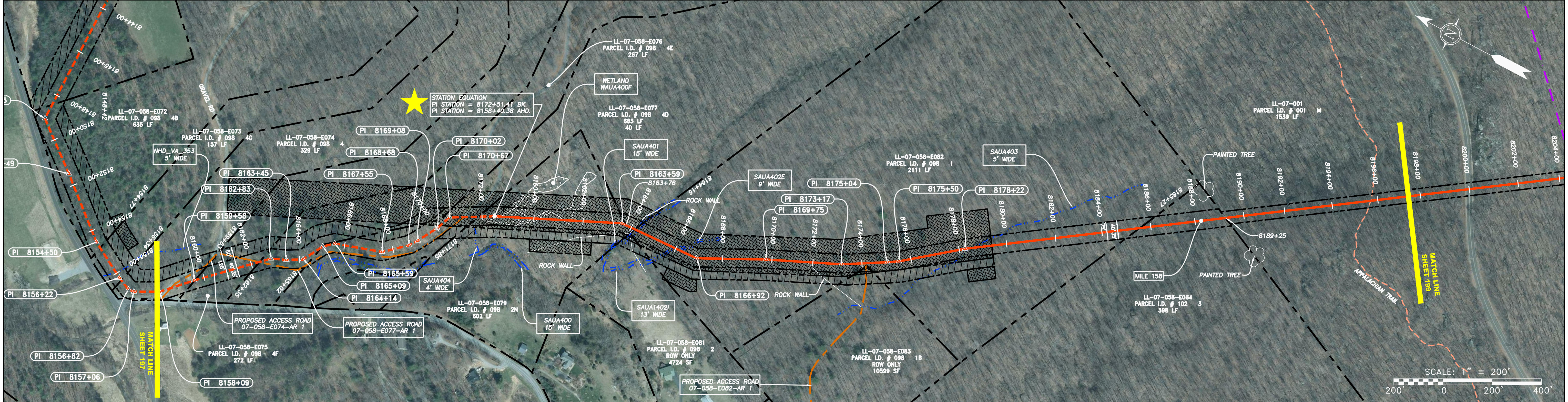
PROJECT NO./DASH NO.	140468	
TASK NO.	005	00
GROUP ID	D	E197
197	OF	344

GAI CAD FILE NO. R:\050-5159 - GAI - THRASHER - SERP - MAPPING\SURVEY DRAWING\SEC 3\RR SHEETS 193-198 (51-55).DWG

© 2016 GAI Consultants, Inc.



PROPERTY OWNERSHIP	PARCEL I.D. #	AREA
LL-07-058-E074	098 4	329 LF
LL-07-058-E075	098 4E	272 LF
LL-07-058-E076	098 4E	267 LF
LL-07-058-E077	098 4D	683 LF
LL-07-058-E079	098 2N	602 LF
LL-07-058-E081	098 2	4724 SF
LL-07-058-E082	098 1	2111 LF
LL-07-058-E083	098 1B	10599 SF
LL-07-001	001 W	1539 LF



<p><b>LEGEND</b></p> <p>— X — X — X — X — X — PROPERTY LINE</p> <p>— X — X — X — X — X — FENCE</p> <p>— — — — — STREAM</p> <p>— G — G — G — G — G — EXISTING GAS PIPELINE</p> <p>— OH — OH — OH — OH — OH — OVERHEAD UTILITY LINES</p> <p>— — — — — PROPOSED GAS PIPELINE</p> <p>— — — — — PROPOSED GAS PIPELINE (NO GROUND SURVEY)</p>	<p>— — — — — PROPERTY LINE</p> <p>— X — X — X — X — X — FENCE</p> <p>— — — — — STREAM</p> <p>— G — G — G — G — G — EXISTING GAS PIPELINE</p> <p>— OH — OH — OH — OH — OH — OVERHEAD UTILITY LINES</p> <p>— — — — — PROPOSED GAS PIPELINE</p> <p>— — — — — PROPOSED GAS PIPELINE (NO GROUND SURVEY)</p>	<p>— — — — — PROPOSED ACCESS ROAD</p> <p>— — — — — STORM SEWER</p> <p>— — — — — WATER LINE</p> <p>— — — — — SANITARY SEWER</p> <p>— — — — — EDGE OF GRAVEL</p> <p>— — — — — PROPOSED PERMANENT EASEMENT</p> <p>— — — — — UTILITY POLE</p>	<p>— — — — — PROPOSED TEMPORARY R.O.W.</p> <p>— — — — — EXTRA WORK SPACE</p> <p>— — — — — WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)</p> <p>— — — — — TOPSOIL SEGREGATION AREA</p> <p>— — — — — AREA OF NO DISTURBANCE</p>
---	--	---	---

**NOTES:**

- COORDINATE SYSTEM USED FOR MAPPING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, US SURVEY FOOT, CENTRAL MERIDIAN 81° W
- CONTOURS AND TOPOGRAPHIC FEATURES WERE DERIVED BY AN ON THE GROUND SURVEY PERFORMED BY THE THRASHER GROUP, INC. ON 06-25-2014 THRU 08-26-2014 GPS SUB-METER ACCURACY.
- AERIAL IMAGERY IS TAKEN FROM A SPRING 2015 FLIGHT BY KUCERA INTERNATIONAL INC.
- THE PROPERTY LINES SHOWN ARE BASED ON GIS & TAX ASSESSMENT RECORDS (PROVIDED BY OTHERS), GAI & THE THRASHER GROUP MAKE NO GUARANTEE EITHER EXPRESSED OR IMPLIED AS TO THE ACCURACY OF THE RECORDS AS SHOWN ON THESE DRAWINGS.
- WETLAND DATA SHOWN ON THE DRAWINGS WAS PROVIDED BY NRG.
- THESE DRAWINGS ARE NOT INTENDED TO PROVIDE EROSION AND SEDIMENTATION CONTROL REQUIREMENTS. SEE EROSION AND SEDIMENTATION CONTROL PLANS FOR COMPLETE REQUIREMENTS AND BMP LOCATIONS.
- ALL STATIONING SHOWN IS SLOPE STATIONING.

NO.	DATE	BY	CHKD.	APPD.	DESCRIPTION

1/4/17

**42" AP-1 PIPELINE**  
CONSTRUCTION ALIGNMENT STA 8158+00 TO 8197+50  
AUGUSTA COUNTY, VIRGINIA

**ATLANTIC COAST PIPELINE, LLC**  
C/O DOMINION TRANSMISSION, INC.  
445 WEST MAIN STREET  
CLARKSBURG, WEST VIRGINIA 26301

SCALE: AS SHOWN  
DATE: 01/05/17  
DRAWN: GPT  
CHECKED: DLH  
APPROVED: NET



PROJECT NO./DASH NO.	140468
TASK NO. SUB TASK NO.	005 00
GROUP ID DRAWING NO.	D E198
198 OF 344	