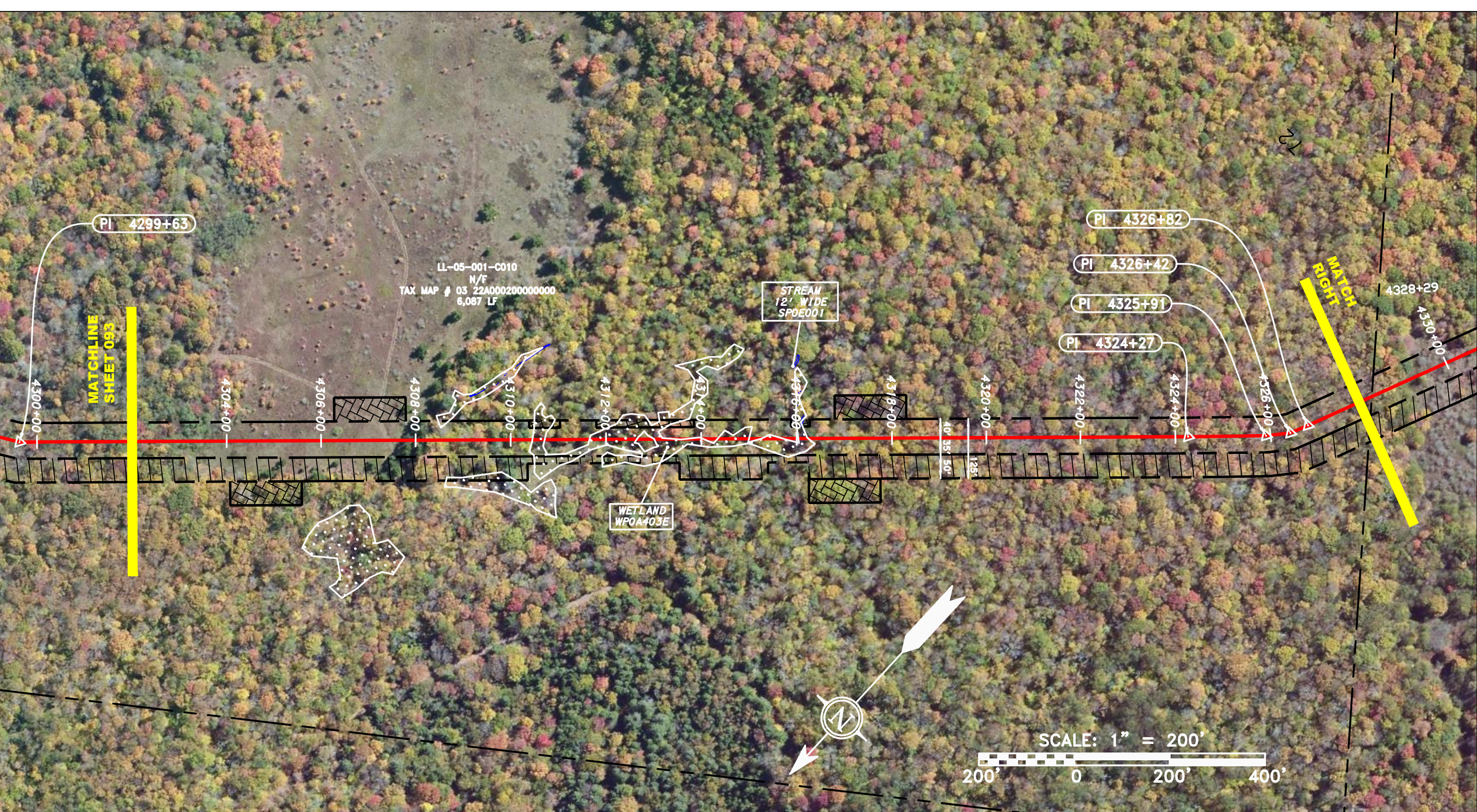
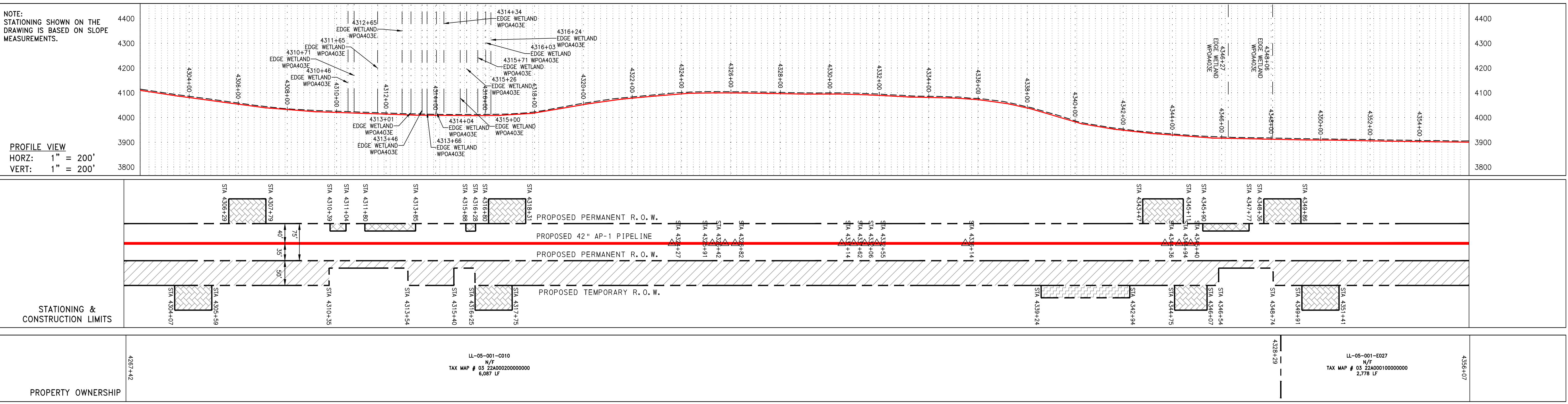


**ATLANTIC COAST PIPELINE, LLC
ATLANTIC COAST PIPELINE**

Construction, Operations, and Maintenance Plans

ATTACHMENT B

Alignment Sheets



NOT TO SCALE PIPE SPECIFICATION	
	<p>PROPERTY LINE</p> <p>FENCE</p> <p>STREAM</p> <p>EXISTING GAS PIPELINE</p> <p>OVERHEAD UTILITY LINES</p> <p>PROPOSED GAS PIPELINE</p> <p>STORM SEWER</p> <p>WATER LINE</p> <p>SANITARY SEWER</p> <p>EDGE OF GRAVEL</p> <p>PROPOSED PERMANENT EASEMENT</p> <p>PROPOSED GAS PIPELINE (NO GROUND SURVEY)</p> <p>EXTRA WORK SPACE</p> <p>AREA OF NO DISTURBANCE</p> <p>WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)</p> <p>UTILITY POLE</p> <p>TOPSOIL SEGREGATION AREA</p> <p>PROPOSED TEMPORARY R.O.W.</p> <p>PTR = PROPOSED TEMPORARY R.O.W. PPR = PROPOSED PERMANENT R.O.W. EWSA = EXTRA WORK SPACE AREA TSA = TOPSOIL SEGREGATION AREA</p>

NOTES:

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- ALL STATIONING SHOWN IS SLOPE STATIONING.

REVISIONS	
NO.	DESCRIPTION

7/19/16

094 - CONSTRUCTION ALIGNMENT STA. 4302+00 TO 4356+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: 7/19/16
 DRAWN: GOS
 CHECKED: DLH
 APPROVED: NET

gai consultants

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

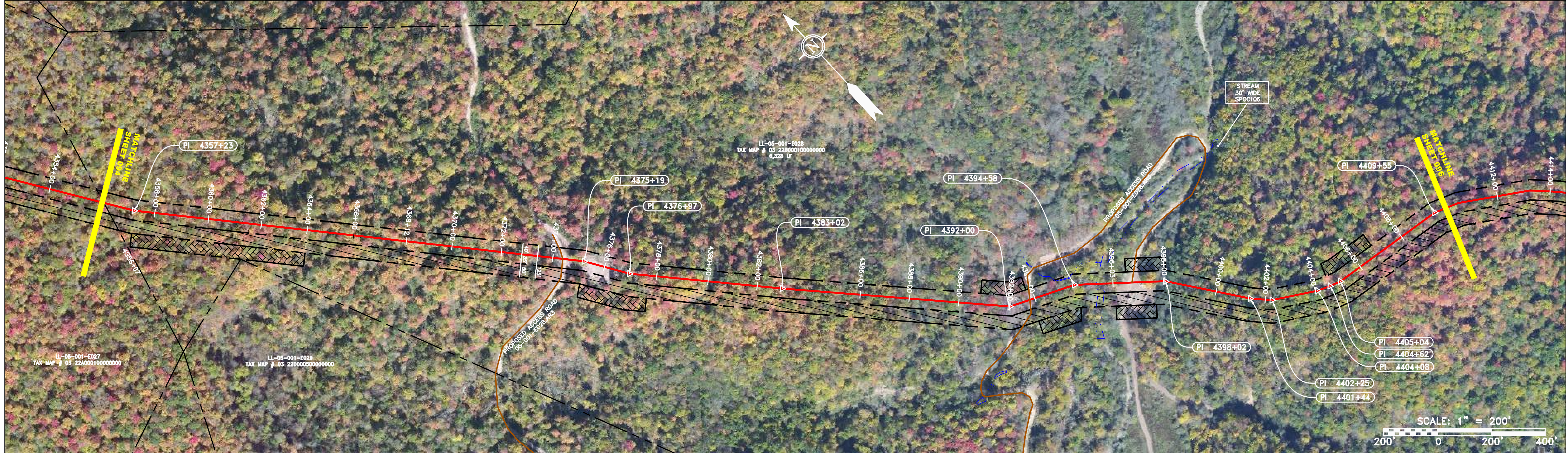
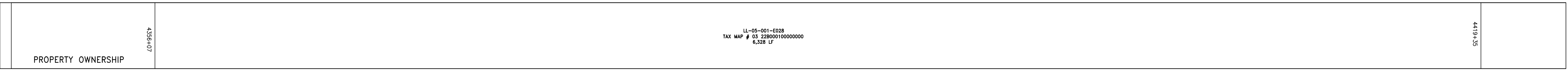
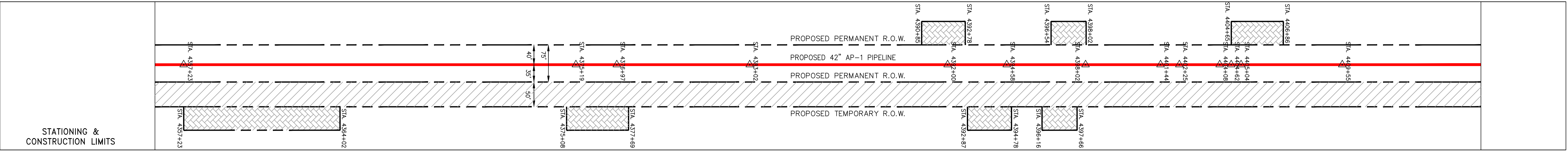
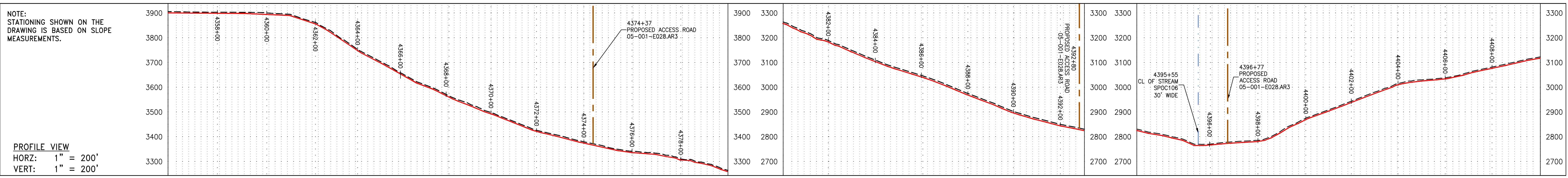
mbe monaloh basin engineers

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

PROJECT NO./DASH NO.	140468
TASK NO.	005
SUB TASK NO.	00
GROUP ID	D
DRAWING NO.	E094
094 OF	344

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J:\2665 - GAI\WORK ORDER 02 - SOUTHEAST PIPELINE (SECTION 1)\1 - REROUTE 1A\ALIGNMENT SHEETS\2665-02_SPREAD_1A_SHEET_95.DWG



LEGEND

	PROPERTY LINE		STORM SEWER		EXTRA WORK SPACE		TOPSOIL SEGREGATION AREA
	FENCE		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				
	OVERHEAD UTILITY LINES		PROPOSED PERMANENT EASEMENT				
	PROPOSED GAS PIPELINE		PROPOSED GAS PIPELINE (NO GROUND SURVEY)				

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

7/18/16

CONSTRUCTION ALIGNMENT STA. 4356+00 TO 4410+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: 7/18/16
DRAWN: NSD
CHECKED: DLH
APPROVED: NET

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

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

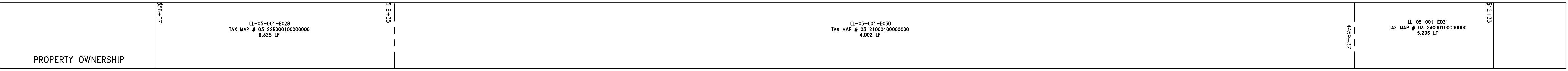
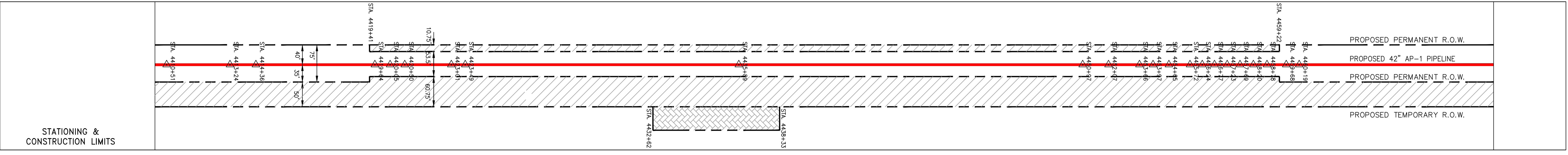
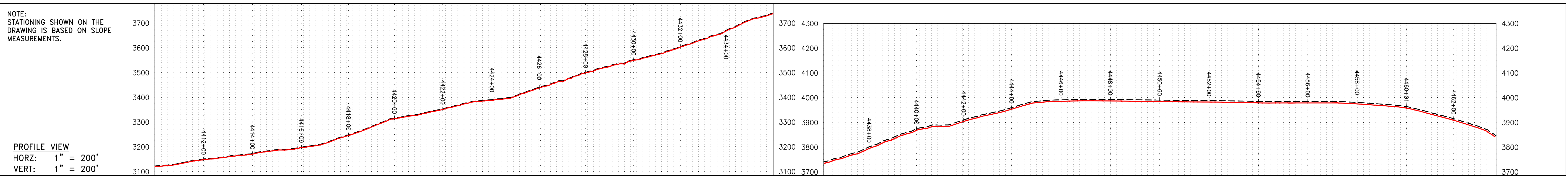
PROJECT NO./DASH NO.
140468

TASK NO. SUB TASK NO.
005 00

GROUP ID DRAWING NO.
D E095

095 OF 344

J:\2665 -GAI\WORK ORDER 02 - SOUTHEAST PIPELINE (SECTION 1)\1 - REROUTE 1A\ALIGNMENT SHEETS\2665-02_SPREAD_1A_SHEET_96.DWG



PIPE SPECIFICATION	
4412+00	4464+00

LEGEND

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

PTR = PROPOSED TEMPORARY R.O.W.
 PPR = PROPOSED PERMANENT R.O.W.
 EWSA = EXTRA WORK SPACE AREA
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- NOTES:**
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REVISIONS	
NO.	DATE

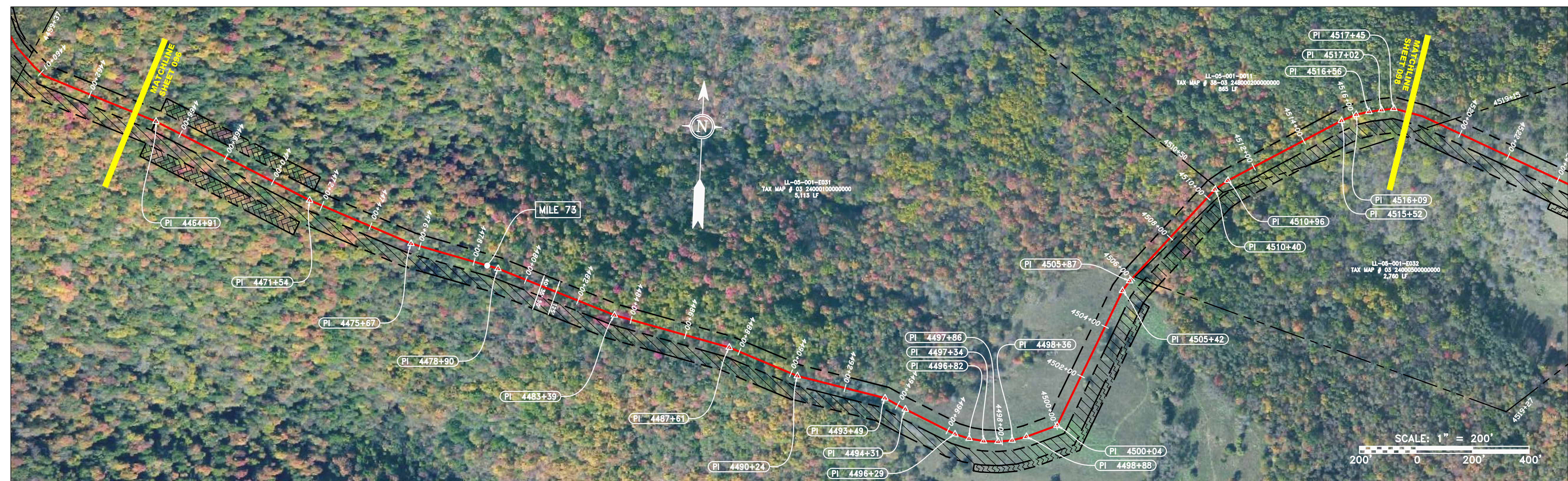
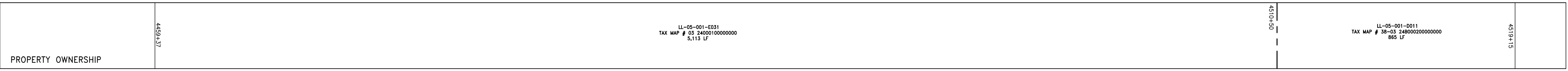
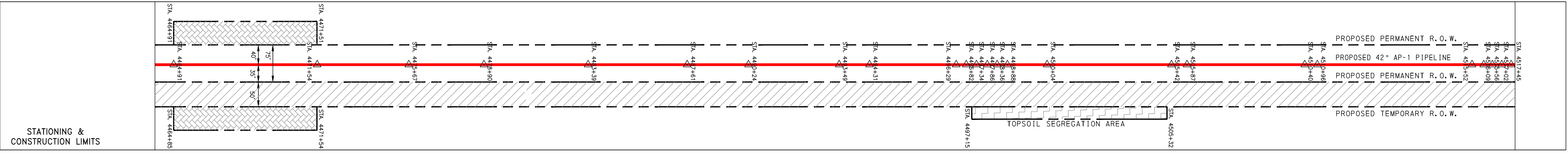
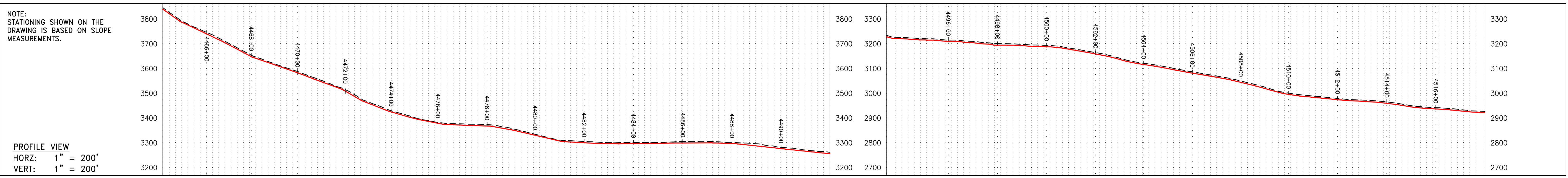
7/18/16
 42" AP-1 PIPELINE
 CONSTRUCTION ALIGNMENT STA. 4410+00 TO 4464+00
 POCAHONTAS COUNTY, WEST VIRGINIA
ATLANTIC COAST PIPELINE, LLC
 C/O DOMINION TRANSMISSION, INC.
 445 W. MAIN STREET, CLARKSBURG, WV 26301

SCALE: AS SHOWN
 DATE: 7/18/16
 DRAWN: NSD
 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 E096
 096 OF 344

J:\2665 -GAI\WORK ORDER 02 - SOUTHEAST PIPELINE (SECTION 1)\1 - REROUTE 1A\ALIGNMENT SHEETS\2665-02_SPREAD_1A_SHEET_97.DWG



PIPE SPECIFICATION

4466+00	4488+00	4470+00	4472+00	4474+00	4476+00	4478+00	4480+00	4482+00	4484+00	4486+00	4488+00	4490+00	4492+00	4494+00	4496+00	4498+00	4500+00	4502+00	4504+00	4506+00	4508+00	4510+00	4512+00	4514+00	4516+00	4518+00
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REVISIONS

NO.	DATE	CHKD.	APPROD.	DESCRIPTION

12/22/16

CONSTRUCTION ALIGNMENT STA. 4464+00 TO 4518+00
POCAHONTAS COUNTY, WEST VIRGINIA

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

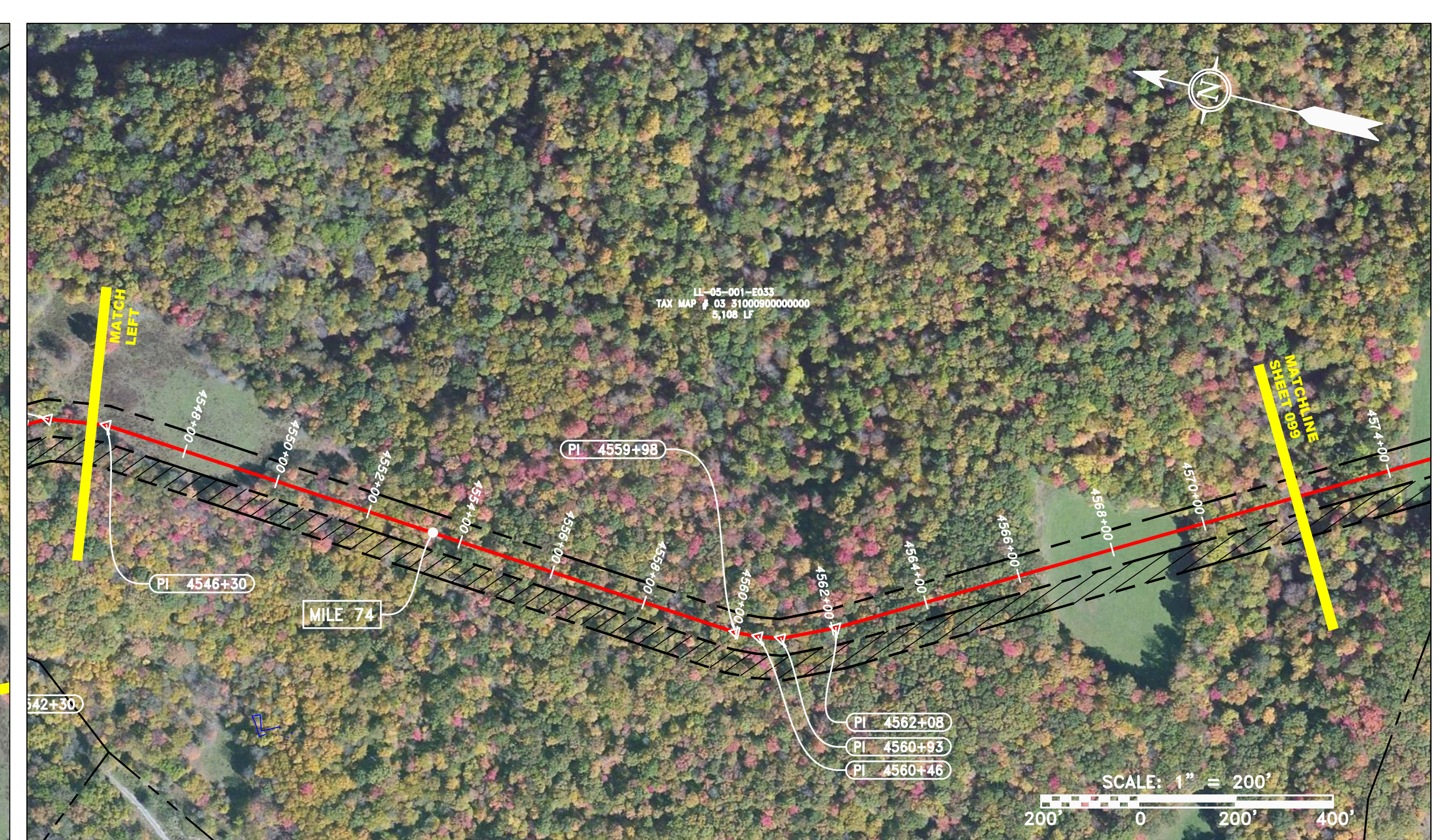
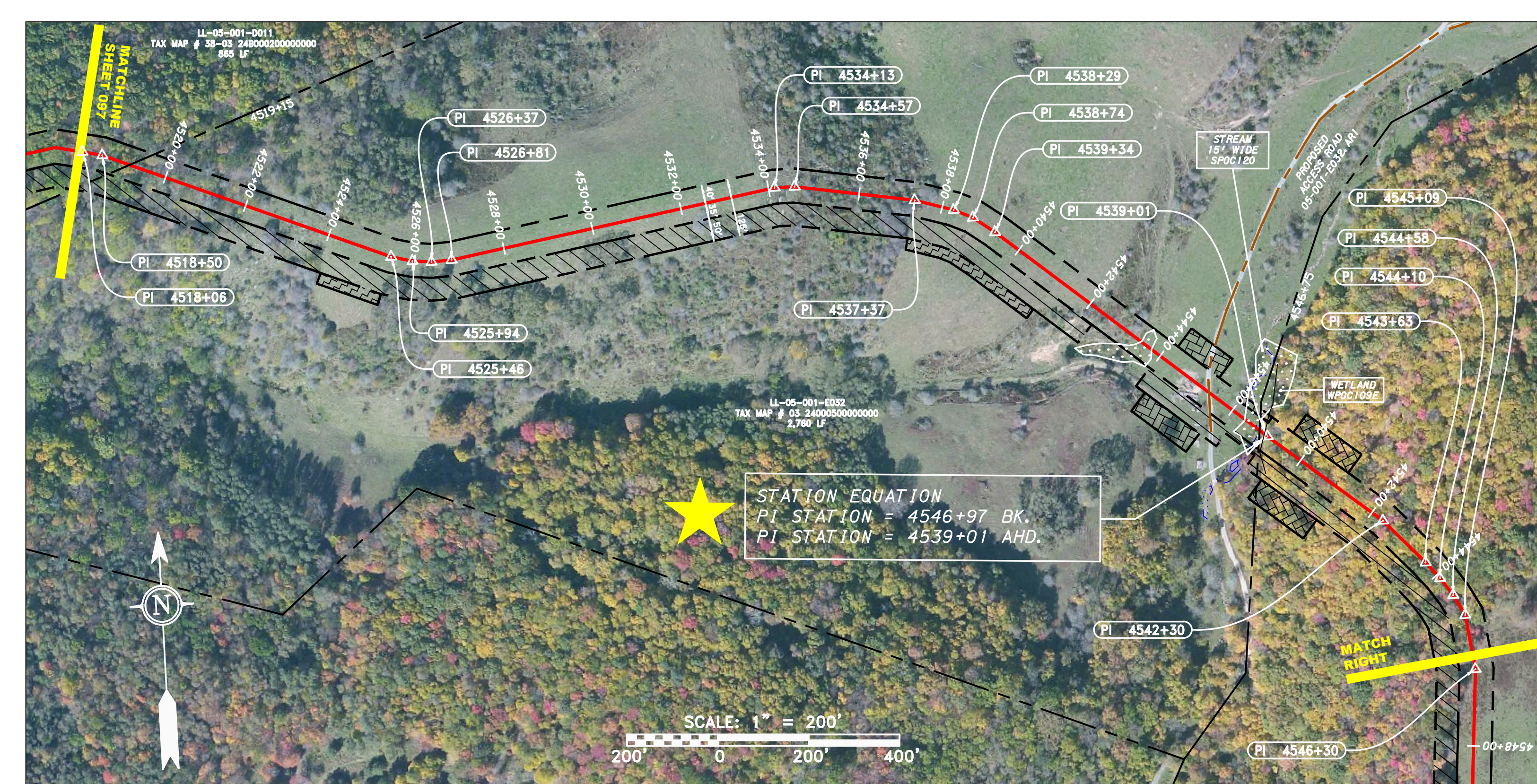
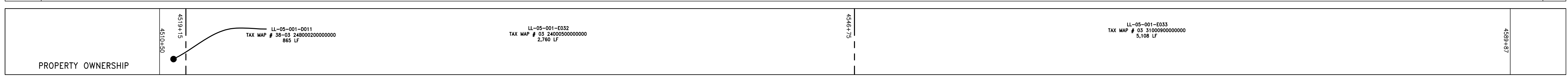
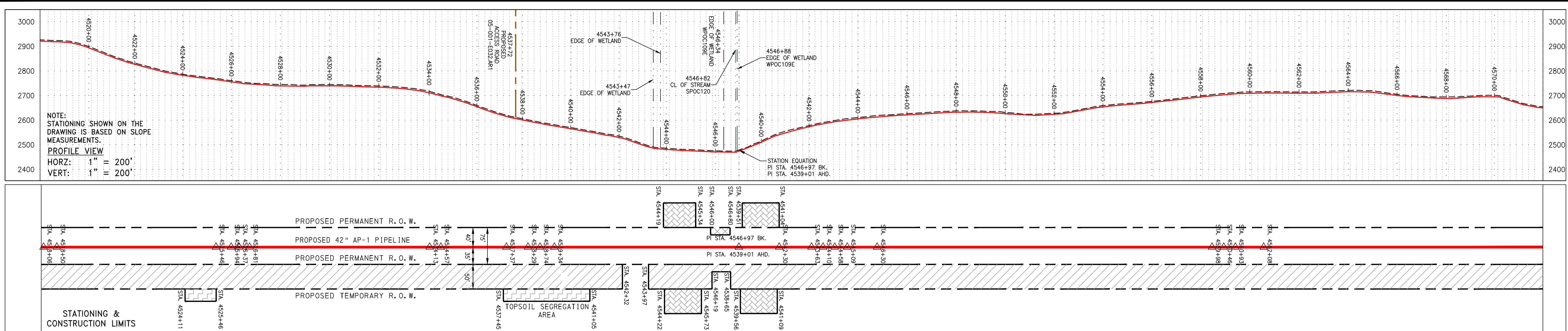
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DATE: 12/22/16
DRAWN: GOS
CHECKED: DLH
APPROVED: NET

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

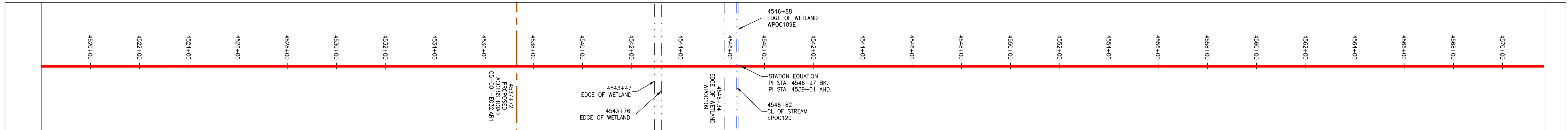
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TASK NO. / SUB TASK NO.	005 / 00
GROUP ID / DRAWING NO.	D / E097
097 OF 344	

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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
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LEGEND

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

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REVISIONS	
NO.	DATE
CHKD.	DATE
APPROD.	DATE
DESCRIPTION	

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

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

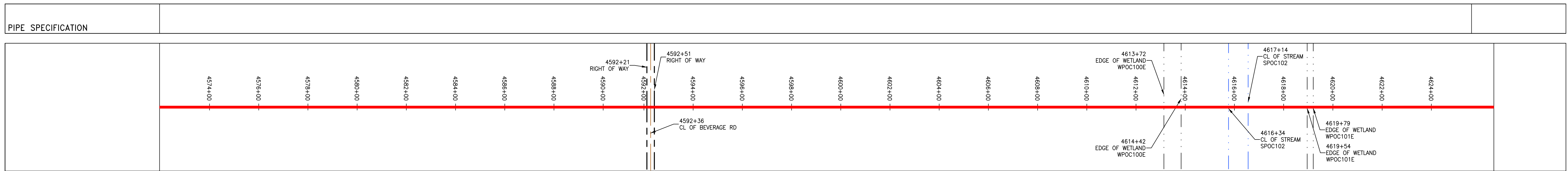
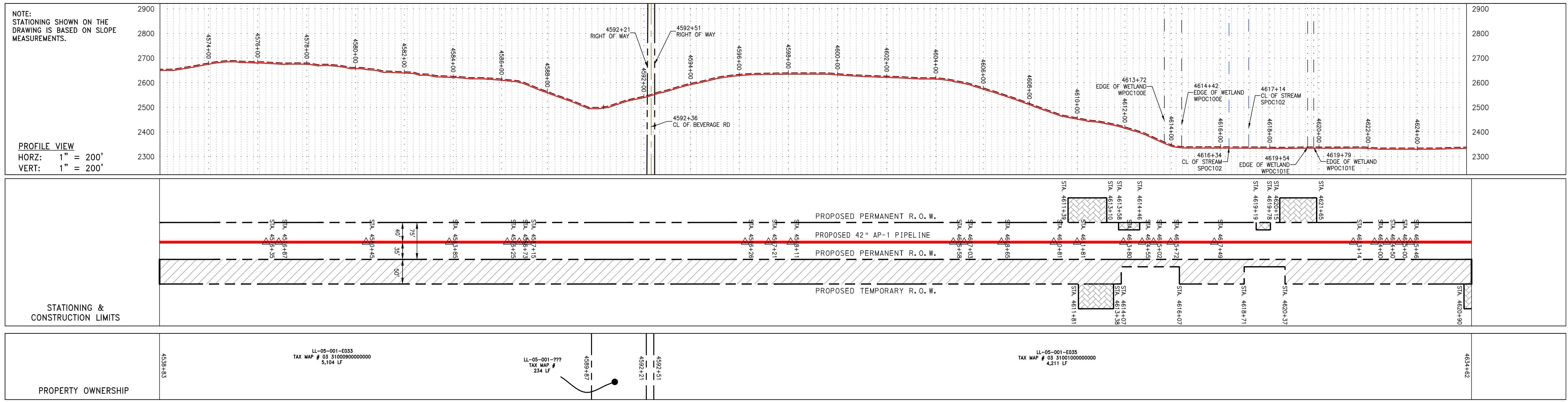
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005 00

GROUP ID DRAWING NO.
D E098

098 OF 344

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J:\2665 -GAI\WORK ORDER 02 - SOUTHEAST PIPELINE (SECTION 1)\1 - REROUTE 1A\ALIGNMENT SHEETS\2665-02_SPREAD_1A_SHEET_99.DWG



LEGEND

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

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REVISIONS	
NO.	DESCRIPTION

7/18/16

CONSTRUCTION ALIGNMENT STA. 4572+00 TO 4626+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: 7/18/16
DRAWN: GOS
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

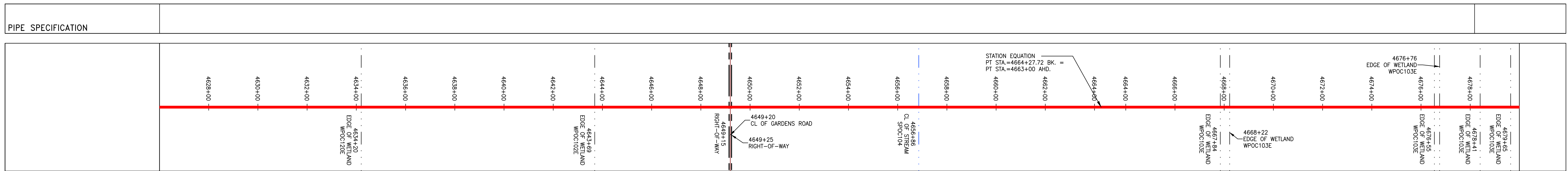
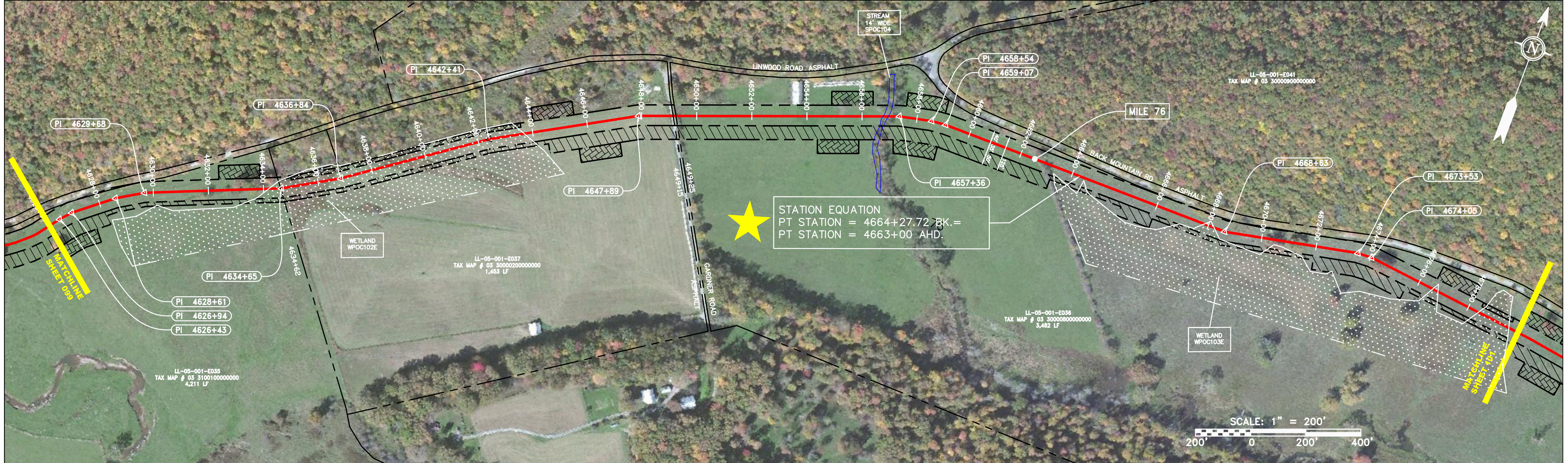
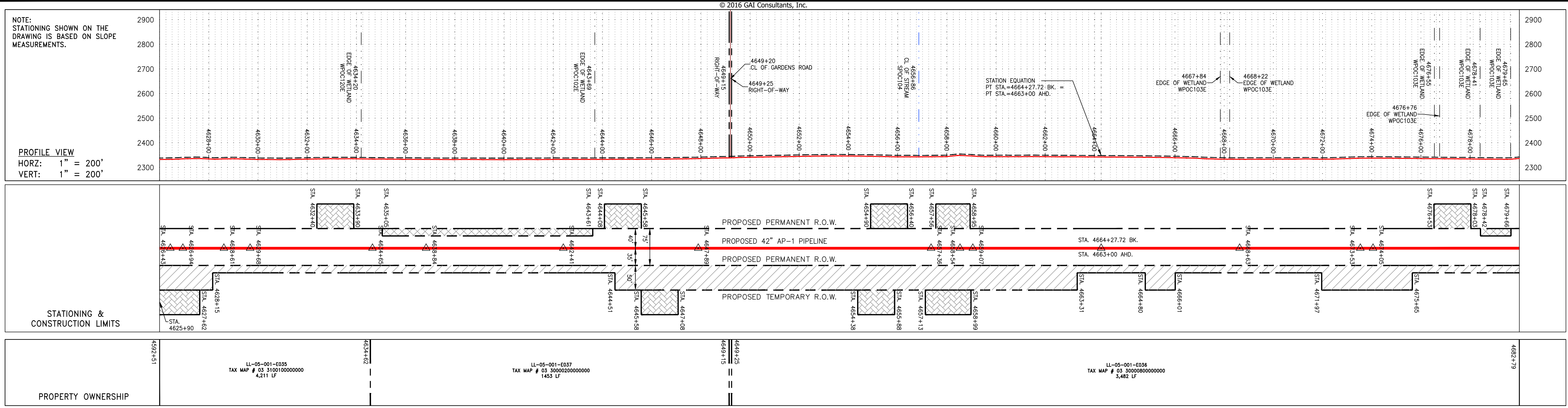
PROJECT NO./DASH NO.
140468

TASK NO.	SUB TASK NO.
005	00

GROUP ID: D DRAWING NO.: E099

099 OF 344

7/18/2016 1:51 PM



LEGEND	
	PROPERTY LINE
	FENCE
	STREAM
	EXISTING GAS PIPELINE
	OVERHEAD UTILITY LINES
	PROPOSED GAS PIPELINE
	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
	TOPSOIL SEGREGATION AREA
	PROPOSED TEMPORARY R.O.W.

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REVISIONS				
NO.	DATE	BY	CHKD.	APPROV.

7/19/16

CONSTRUCTION ALIGNMENT STA. 4626+00 TO 4680+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: 7/19/16
DRAWN: NSD
CHECKED: DLH
APPROVED: NET

gai consultants

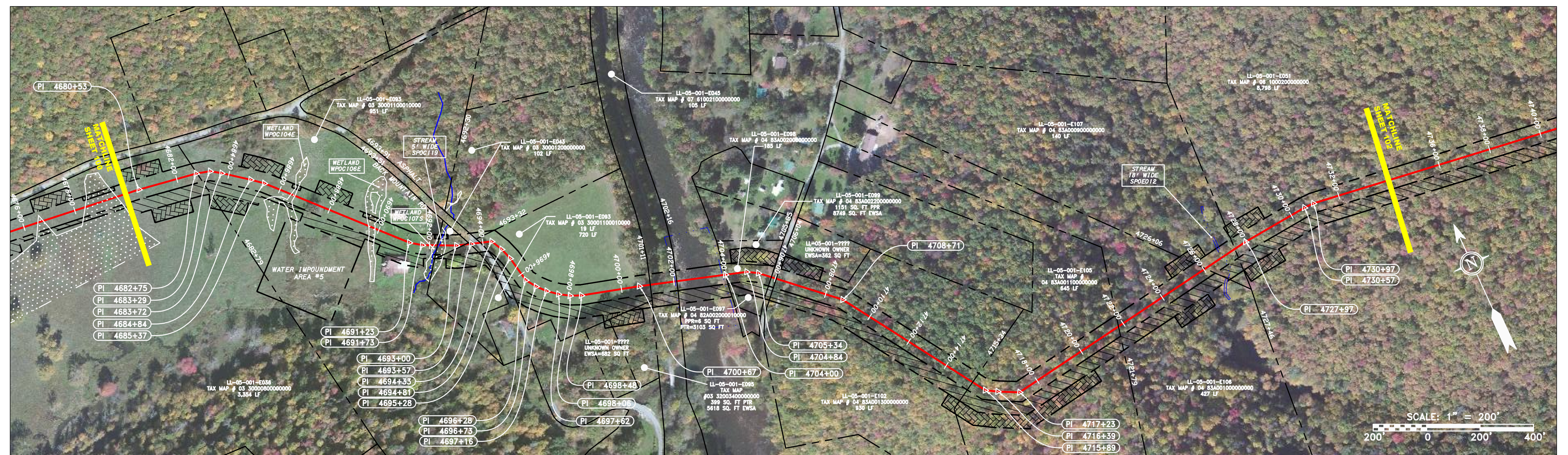
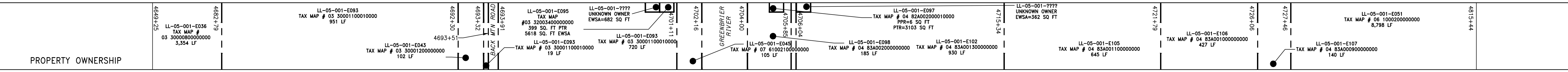
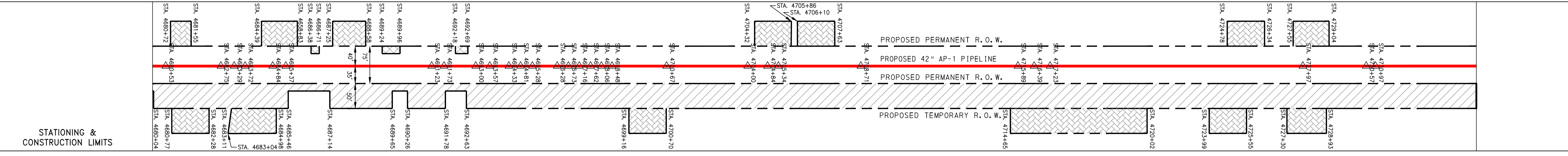
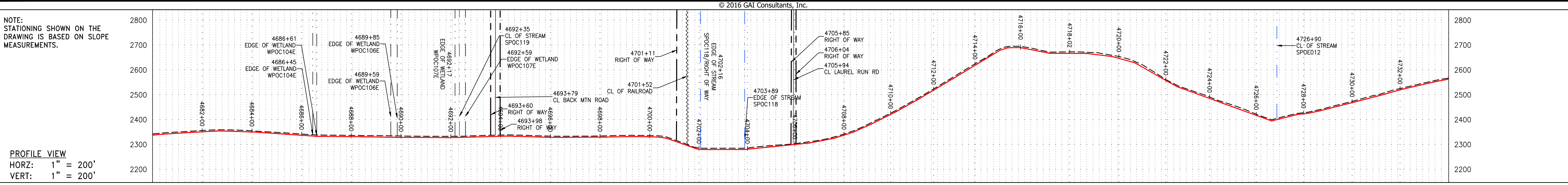
SOUTHPOINT OFFICE
6000 TOWN CENTER BLVD.
CANONSBURG, PA 15317
724-873-3545

mbe
monaloh basin engineers

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

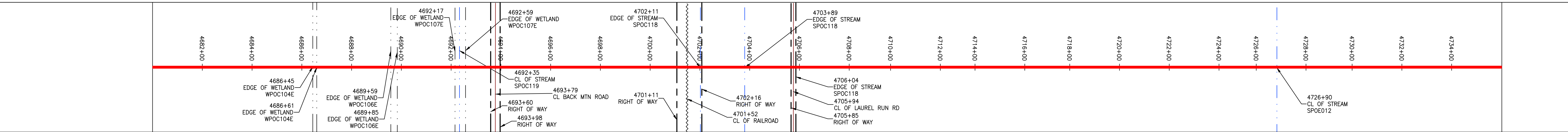
PROJECT NO./DASH NO.	140468
TASK NO.	005
SUB TASK NO.	00
GROUP ID	D
DRAWING NO.	E100
100 OF 344	

J:\2665 -GAI\WORK ORDER 02 - SOUTHEAST PIPELINE (SECTION 1)\1 - REROUTE 1A\ALIGNMENT SHEETS\2665-02_SPREAD_1A_SHEET_101.DWG



PIPE SPECIFICATION

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LEGEND

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

NO.	DATE	CHKD.	APPD.	DESCRIPTION

7/19/16

CONSTRUCTION ALIGNMENT STA. 4680+00 TO 4734+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: 7/19/16
 DRAWN: GOS
 CHECKED: DLH
 APPROVED: NET



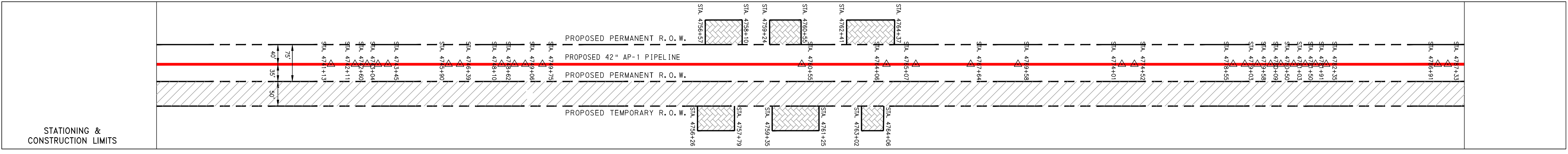
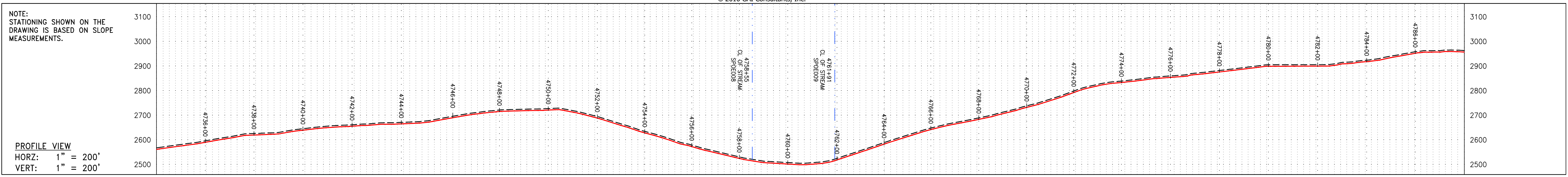
SOUTHPOINTE OFFICE
 6000 TOWN CENTER BLVD.
 CANONSBURG, PA 15317
 724-673-3545

mbe
 monaloh basin engineers

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

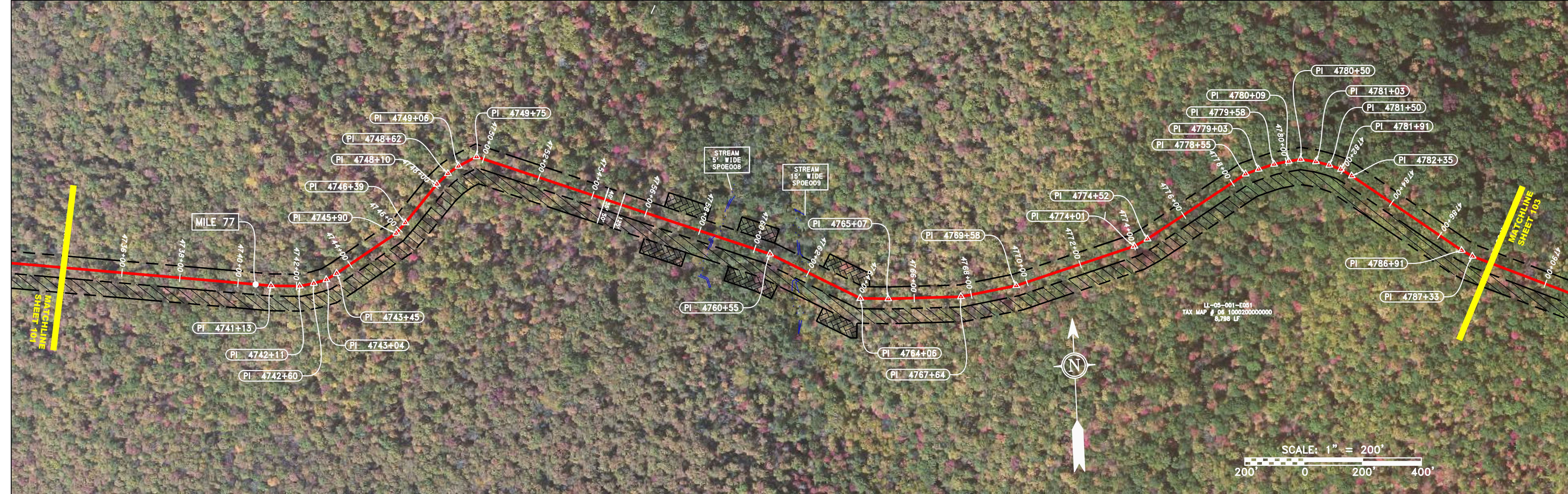
PROJECT NO./DASH NO.	140468	
TASK NO.	SUB TASK NO.	
005	00	
GROUP ID	DRAWING NO.	
D	E101	
101	OF	344

7/19/2016 1:44 PM



PROPERTY OWNERSHIP

4727+46	LL-05-001-E051 TAX MAP # 06 1000200000000 8,798 LF	4815+44
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PIPE SPECIFICATION

4738+00	4738+00	4740+00	4742+00	4744+00	4746+00	4748+00	4750+00	4752+00	4754+00	4756+00	4758+00	4760+00	4762+00	4764+00	4766+00	4768+00	4770+00	4772+00	4774+00	4776+00	4778+00	4780+00	4782+00	4784+00	4786+00
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LEGEND

PROPERTY LINE	STORM SEWER	EXTRA WORK SPACE	TOPSOIL SEGREGATION AREA
FENCE	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	WETLAND	
OVERHEAD UTILITY LINES	PROPOSED PERMANENT EASEMENT		
PROPOSED GAS PIPELINE	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
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- ALL STATIONING SHOWN IS SLOPE STATIONING.

PTA = PROPOSED TEMPORARY R.O.W.
 PPR = PROPOSED PERMANENT R.O.W.
 EWSA = EXTRA WORK SPACE AREA
 TSA = TOPSOIL SEGREGATION AREA

REVISIONS

NO.	DATE	CHKD.	APPD.	DESCRIPTION

7/19/16

CONSTRUCTION ALIGNMENT STA. 4734+00 TO 4788+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: 7/19/16

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

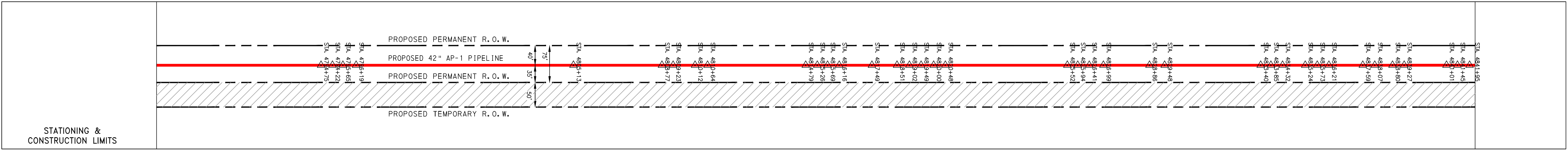
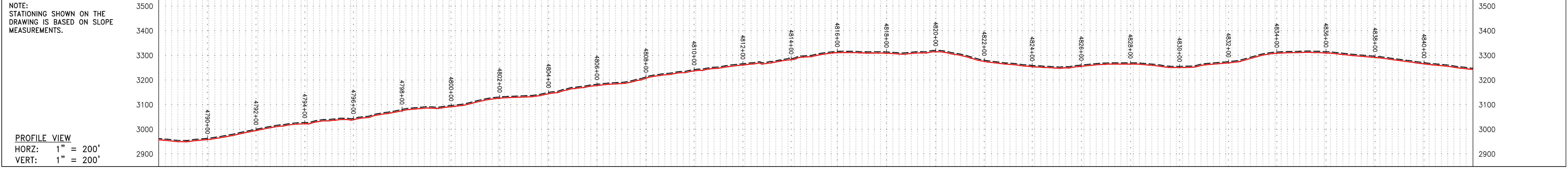
PROJECT NO./DASH NO.
140468

TASK NO.	SUB TASK NO.
005	00

GROUP ID
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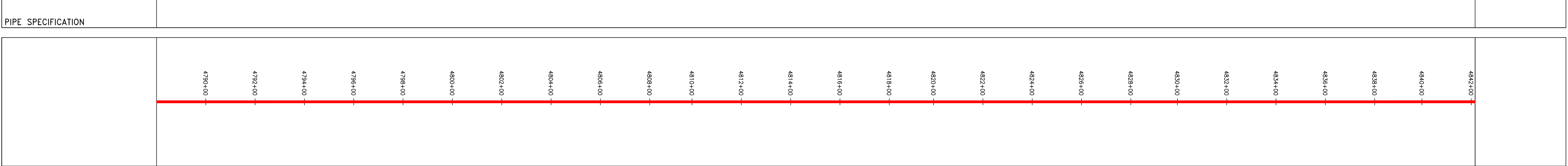
DRAWING NO.
E103

102 OF 344



PROPERTY OWNERSHIP

4727+46	LL-05-001-E051 TAX MAP # 06 1000200000000 5,798 LF	4815+44	LL-05-001-E052 TAX MAP # 04 8401300000000 383 LF	4819+27	LL-05-001-E051 TAX MAP # 06 1000200000000 1,698 LF	4835+25	LL-05-001-E052 TAX MAP # 04 8401300000000 1,925 LF	4855+50
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LEGEND

	PROPERTY LINE		STORM SEWER		EXTRA WORK SPACE		TOPSOIL SEGREGATION AREA
	FENCE		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				
	OVERHEAD UTILITY LINES		PROPOSED PERMANENT EASEMENT				
	PROPOSED GAS PIPELINE		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
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PTR = PROPOSED TEMPORARY R.O.W.
 PPR = PROPOSED PERMANENT R.O.W.
 EWSA = EXTRA WORK SPACE AREA
 TSA = TOPSOIL SEGREGATION AREA

REVISIONS	
NO.	DATE
CHKD.	DATE
APPROD.	DATE
DESCRIPTION	

7/19/16

CONSTRUCTION ALIGNMENT STA. 4788+00 TO 4842+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: 7/19/16
 DRAWN: JMS
 CHECKED: DLH
 APPROVED: NET

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

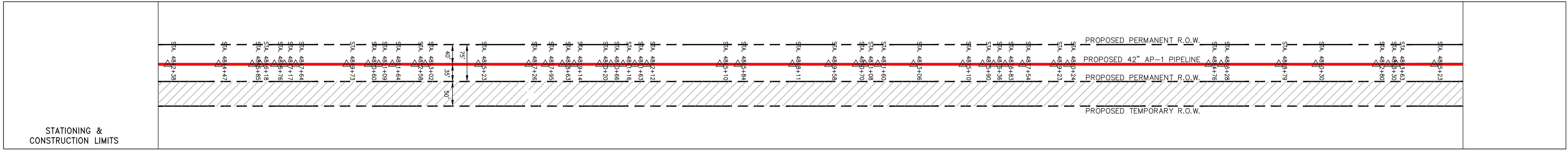
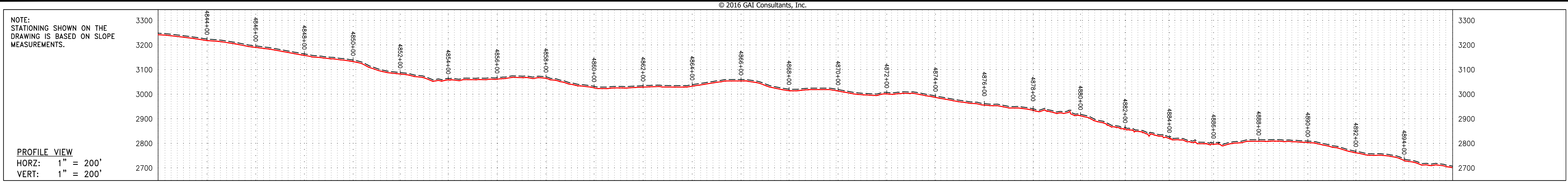
mbe
 monaloh basin engineers
 300 BUSINESS CENTER DRIVE
 PITTSBURGH, PA 15205
 412-788-2433

PROJECT NO./DASH NO.
 140468

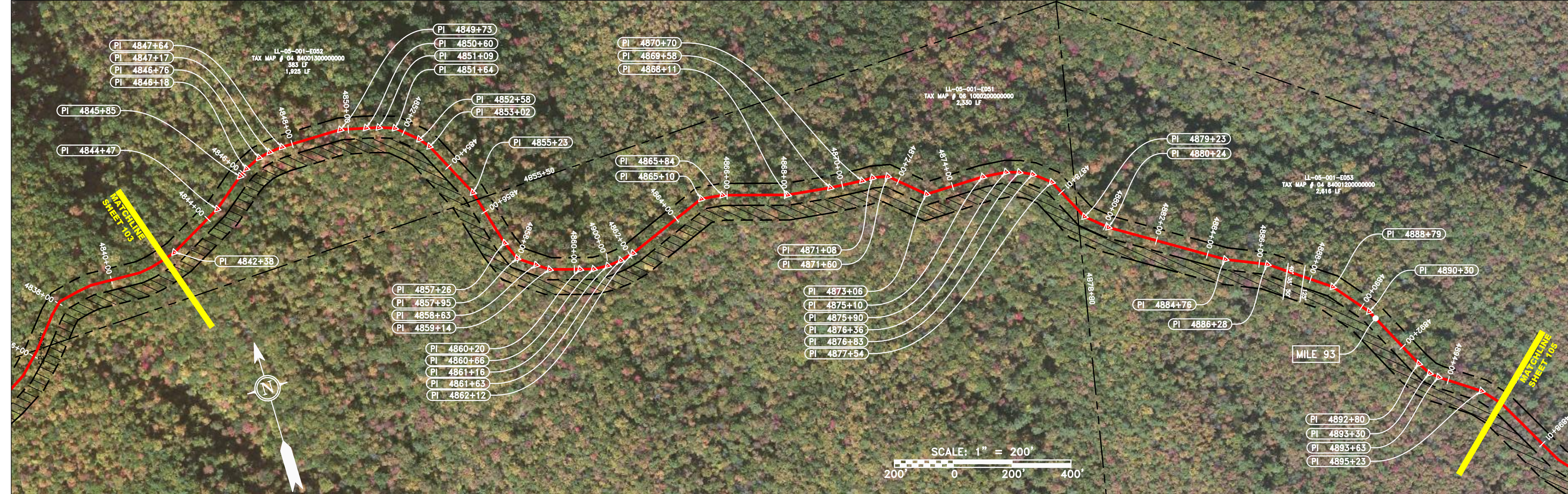
TASK NO.	SUB TASK NO.
005	00
GROUP ID	DRAWING NO.
D	E103

103 OF 344

7/19/2016 12:17 PM



PROPERTY OWNERSHIP	STATIONING & CONSTRUCTION LIMITS
4836+25 LL-05-001-E052 TAX MAP # 04 840013000000000 1,925 LF	4851+50 LL-05-001-E051 TAX MAP # 08 100020000000000 2,330 LF
4878+80 LL-05-001-E053 TAX MAP # 04 840012000000000 2,616 LF	4894+06



PIPE SPECIFICATION

LEGEND

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

REVISIONS	
NO.	DESCRIPTION

7/18/16

CONSTRUCTION ALIGNMENT STA. 4842+00 TO 4896+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: 7/18/16
 DRAWN: NSD
 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

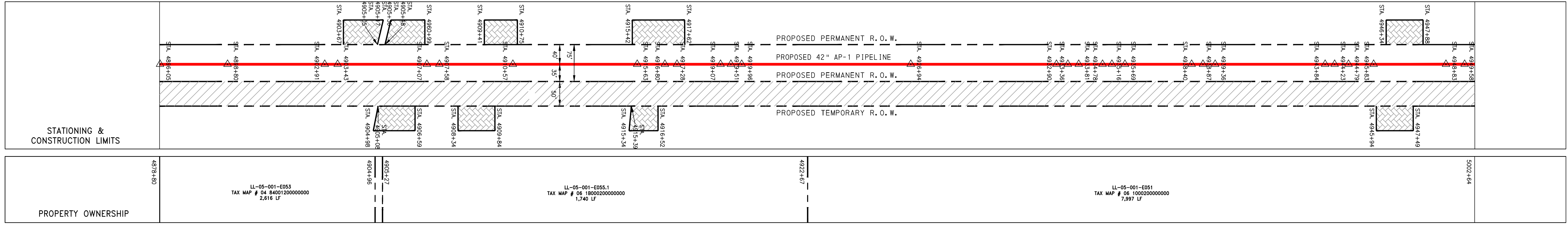
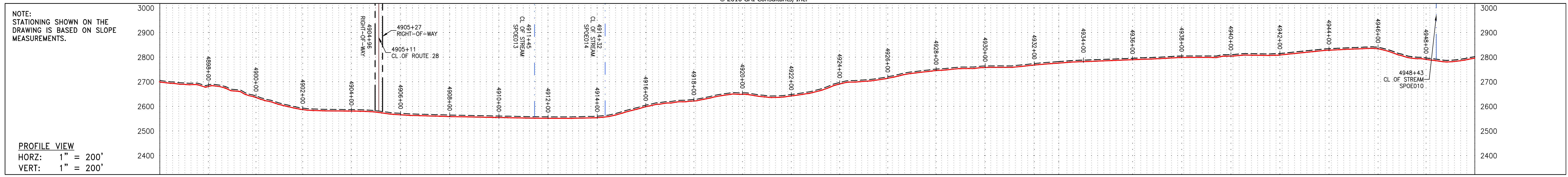
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TASK NO.	SUB TASK NO.
005	00

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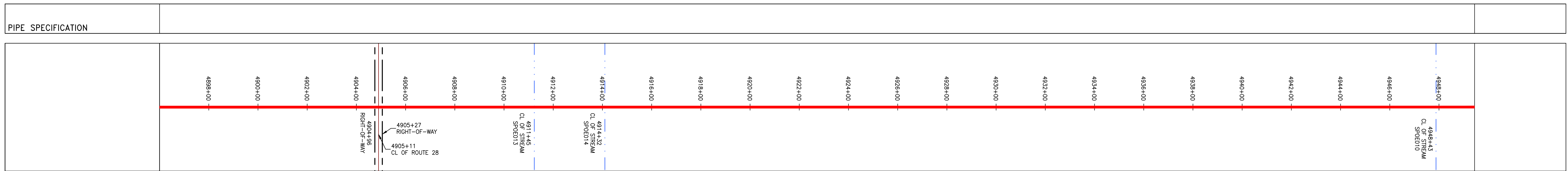
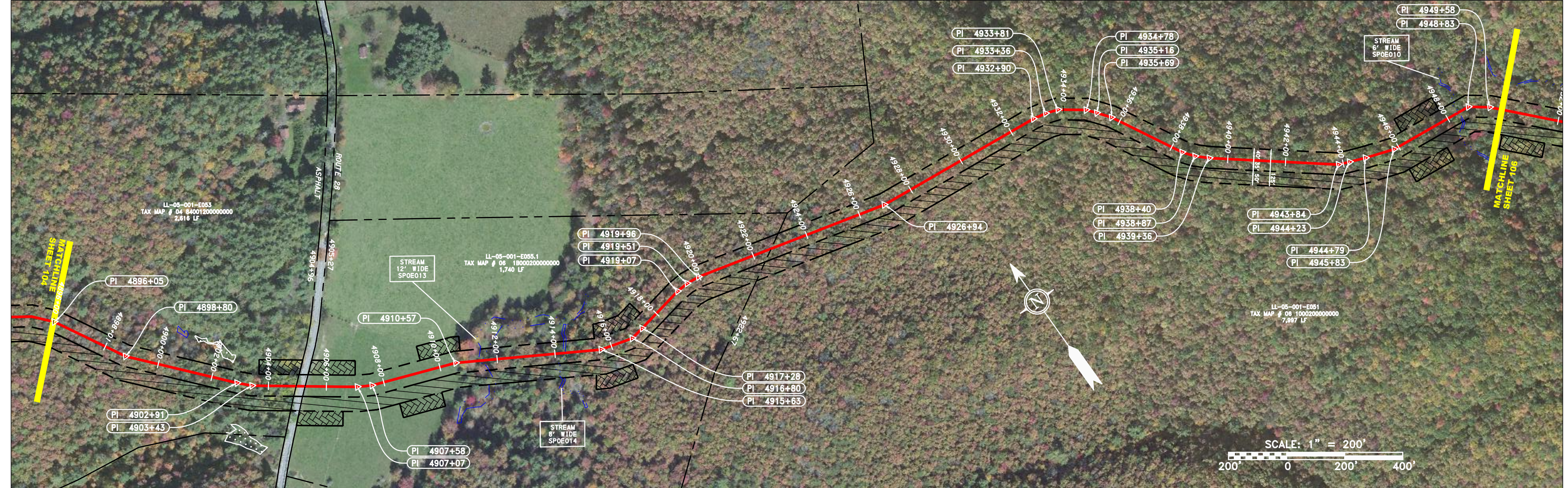
104 OF 344

7/18/2016 3:30 PM



PROPERTY OWNERSHIP

4872+80	LL-05-001-E053 TAX MAP # 04 84001200000000 2,616 LF	4904+96	LL-05-001-E055.1 TAX MAP # 06 18002200000000 1,740 LF	4922+67	LL-05-001-E051 TAX MAP # 06 10002200000000 7,897 LF	5002+64
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LEGEND

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

NOTES:

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- ALL STATIONING SHOWN IS SLOPE STATIONING.

REVISIONS	
NO.	DESCRIPTION

7/19/16

CONSTRUCTION ALIGNMENT STA. 4896+00 TO 4950+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: 7/19/16
 DRAWN: GOS
 CHECKED: DLH
 APPROVED: NET

gai consultants

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

mbe
 monaloh basin engineers

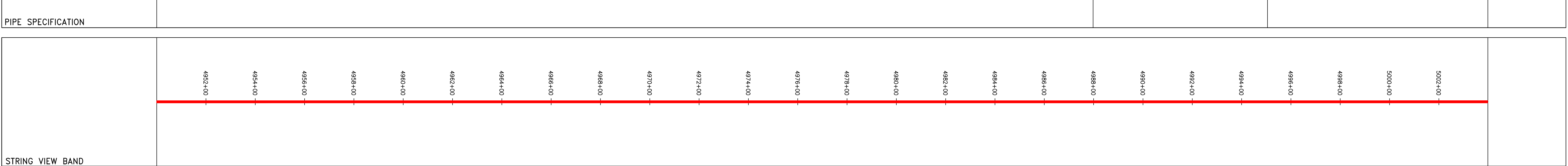
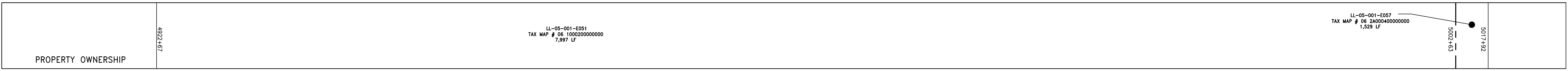
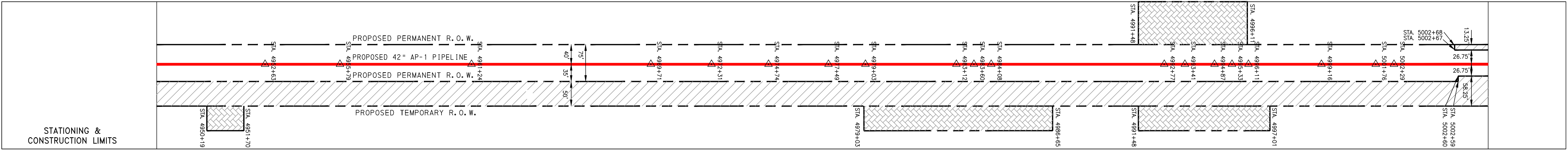
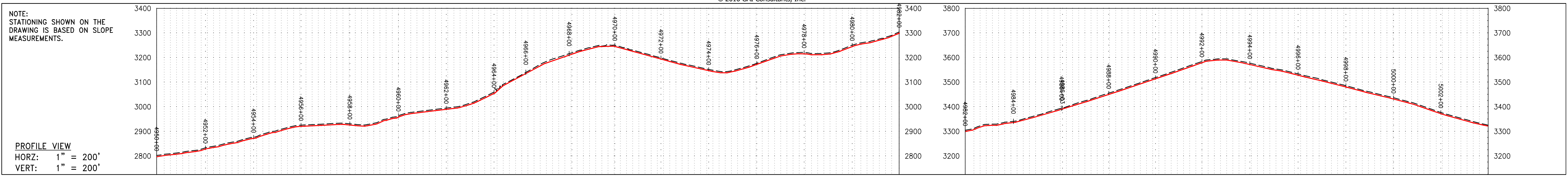
300 BUSINESS CENTER DRIVE
 PITTSBURGH, PA 15205
 412-788-2433

PROJECT NO./DASH NO.
 140468

TASK NO.	SUB TASK NO.
005	00
GROUP ID	DRAWING NO.
D	E106

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7/19/2016 8:27 AM



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		EDGE OF GRAVEL		WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)
	EXISTING GAS PIPELINE		PROPOSED PERMANENT EASEMENT		PROPOSED GAS PIPELINE (NO GROUND SURVEY)		UTILITY POLE
	OVERHEAD UTILITY LINES						
	ACCESS ROAD						
	PROPOSED GAS PIPELINE						

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.
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PTW = PROPOSED TEMPORARY R.O.W.
 PPR = PROPOSED PERMANENT R.O.W.
 EWSA = EXTRA WORK SPACE AREA
 TSA = TOPSOIL SEGREGATION AREA

REVISIONS	
NO.	DATE
CHKD.	APPROD.
DESCRIPTION	

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

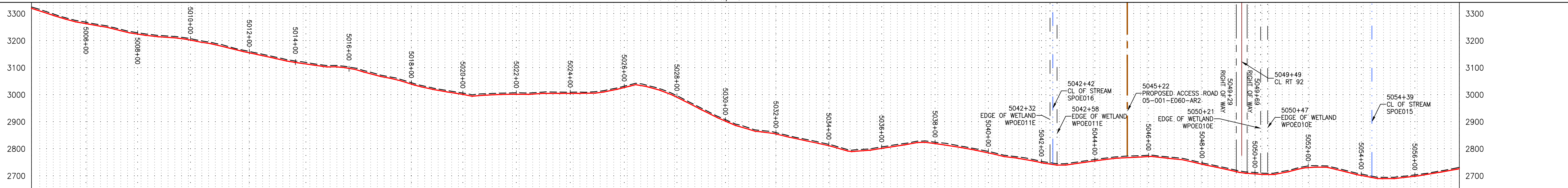
mbe
 monaloh basin engineers
 300 BUSINESS CENTER DRIVE
 PITTSBURGH, PA 15205
 412-788-2433

PROJECT NO./DASH NO. 140468
 TASK NO. 005 SUB TASK NO. 00
 GROUP ID D DRAWING NO. E106
 106 OF 344

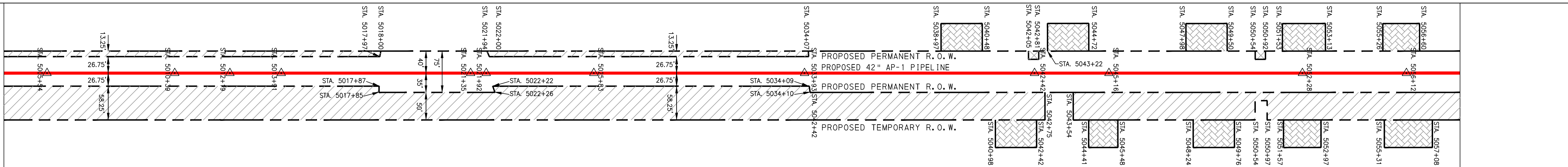
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NOTE: STATIONING SHOWN ON THE DRAWING IS BASED ON SLOPE MEASUREMENTS.

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



STATIONING & CONSTRUCTION LIMITS

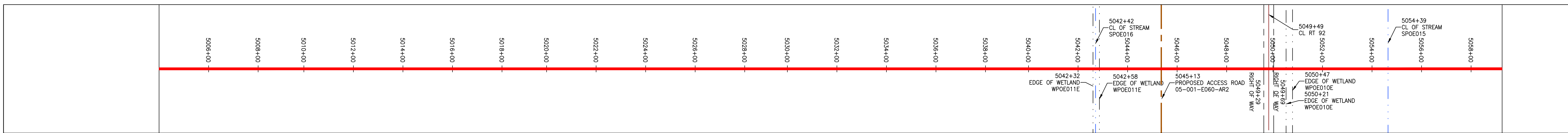


PROPERTY OWNERSHIP

5002+63	LL-05-001-E057 N/F TAX MAP # 06 24000400000000 1,529 LF	5017+80	LL-05-001-E058 N/F TAX MAP # 06 24000300000000 419 LF	5022+00	LL-05-001-E059 N/F TAX MAP # 06 20000900000000 1,197 LF	5033+76	LL-05-001-E060 N/F TAX MAP # 06 40002000000000 1,553 LF	5043+29	LL-05-001-E060 N/F TAX MAP # 06 40002000000000 1,021 LF	5052+24	LL-05-001-E060 N/F TAX MAP # 06 40002000000000 1,021 LF
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PIPE SPECIFICATION



LEGEND

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

REVISIONS

NO.	DATE	CHKD.	APPRO.	DESCRIPTION

12/22/16

CONSTRUCTION ALIGNMENT STA. 5004+00 TO 5058+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



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



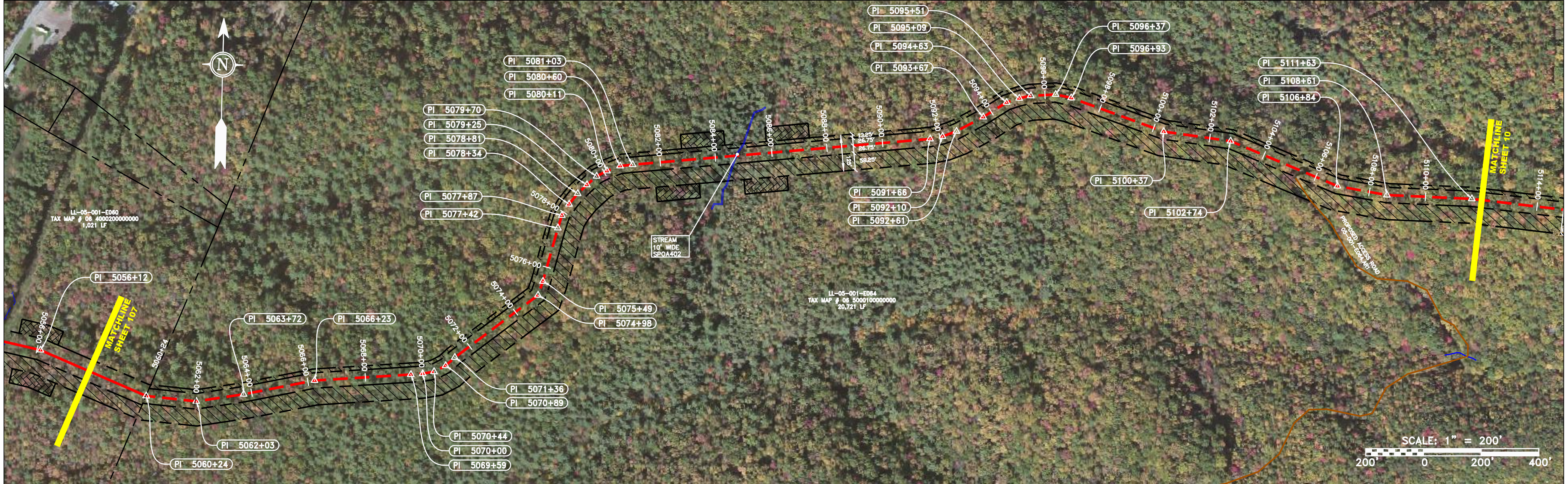
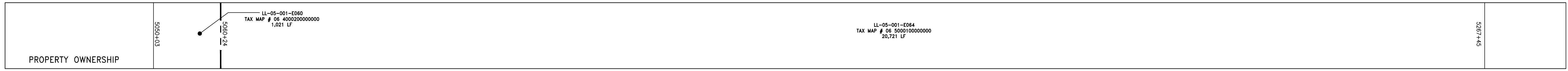
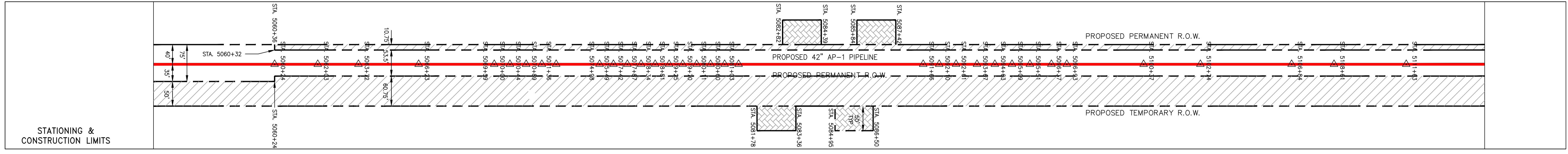
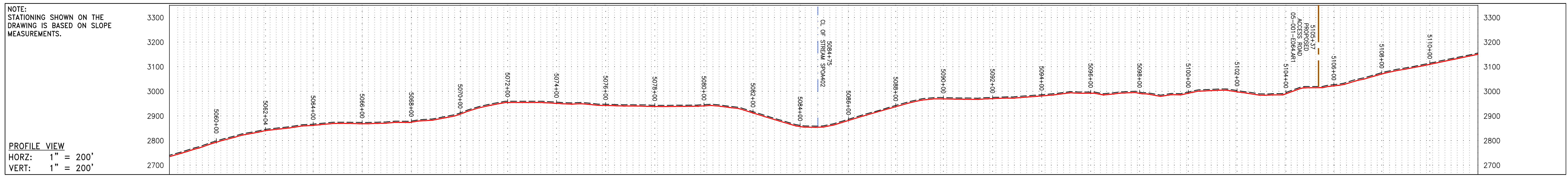
300 BUSINESS CENTER DRIVE
 PITTSBURGH, PA 15205
 412-788-2433

PROJECT NO./DASH NO.
 140468

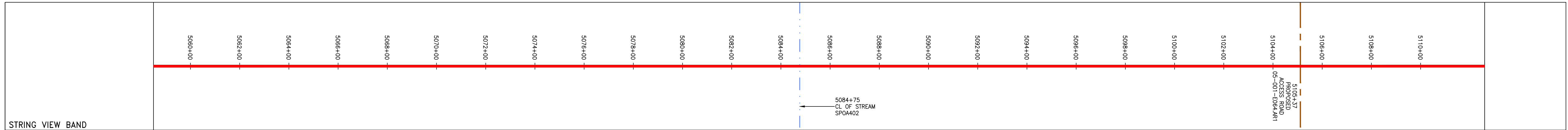
TASK NO. SUB TASK NO.
 005 00

GROUP ID DRAWING NO.
 D E107

107 OF 344



PIPE SPECIFICATION	



LEGEND	
	PROPERTY LINE
	FENCE
	STREAM
	EXISTING GAS PIPELINE
	OVERHEAD UTILITY LINES
	PROPOSED GAS PIPELINE
	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
	TOPSOIL SEGREGATION AREA
	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
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REVISIONS			
NO.	DATE	CHKD.	APPROV.

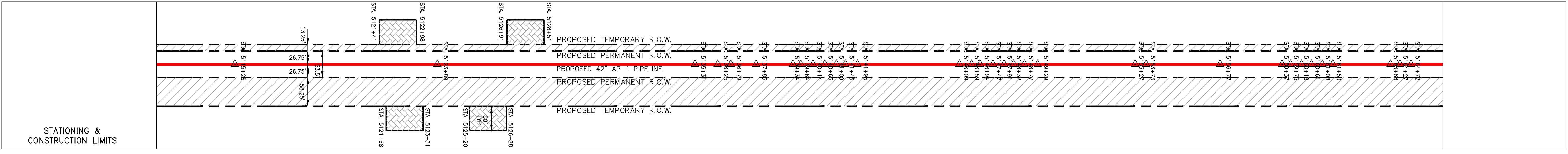
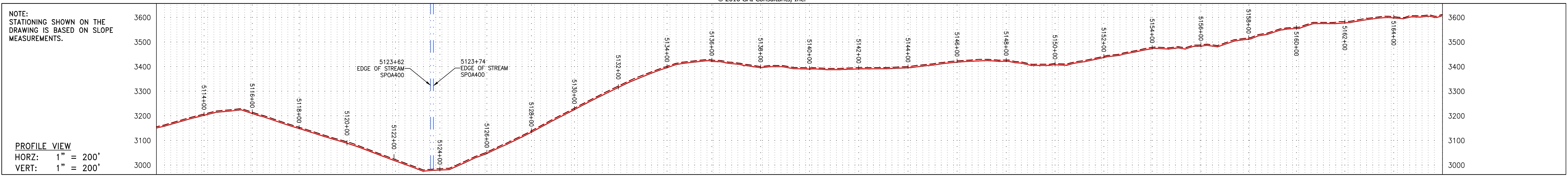
42" AP-1 PIPELINE
 CONSTRUCTION ALIGNMENT STA. 5058+00 TO 5112+00
 POCAHONTAS COUNTY, WEST VIRGINIA
 ATLANTIC COAST PIPELINE, LLC
 C/O DOMINION TRANSMISSION, INC.
 445 W. MAIN STREET, CLARKSBURG, WV 26301

SCALE:	AS SHOWN
DATE:	7/18/16
DRAWN:	NSD
CHECKED:	DLH
APPROVED:	NET



PROJECT NO./DASH NO.	140468
TASK NO.	005
SUB TASK NO.	00
GROUP ID	D
DRAWING NO.	E108
108 OF 344	

7/18/16

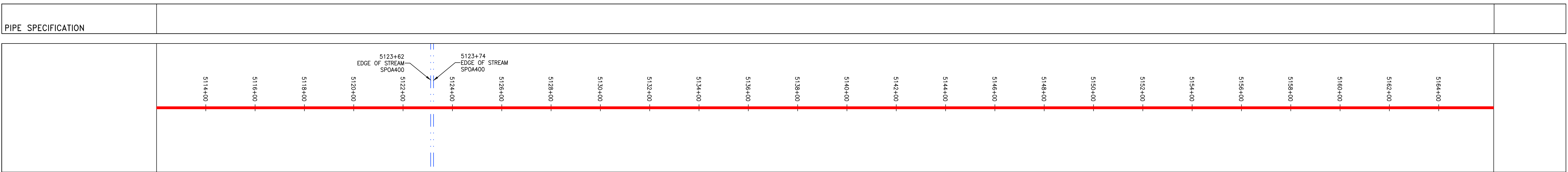
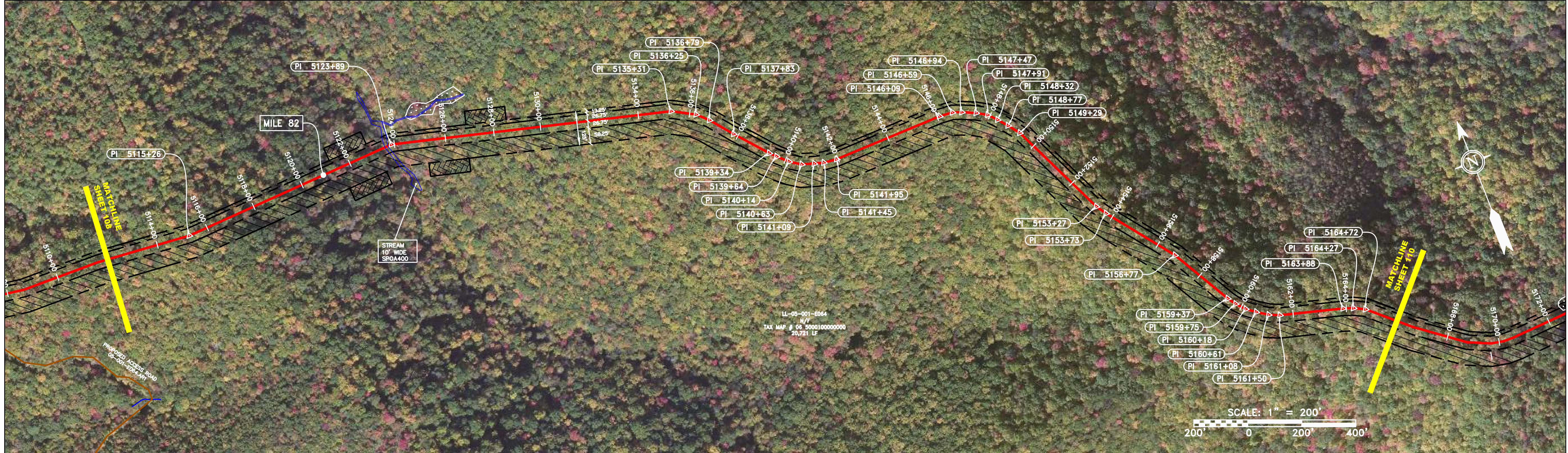


PROPERTY OWNERSHIP

5069+24

5267+45

LL-05-001-E064
 N/F
 TAX MAP # 05 5000100000000
 20,721 LF



LEGEND	
	PROPERTY LINE
	FENCE
	STREAM
	EXISTING GAS PIPELINE
	OVERHEAD UTILITY LINES
	PROPOSED GAS PIPELINE
	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
	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:

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REVISIONS			
NO.	DATE	CHKD.	APPROV.

7/18/16

42" AP-1 PIPELINE
 CONSTRUCTION ALIGNMENT STA. 5112+00 TO 5166+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: 7/18/16
 DRAWN: NSD
 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

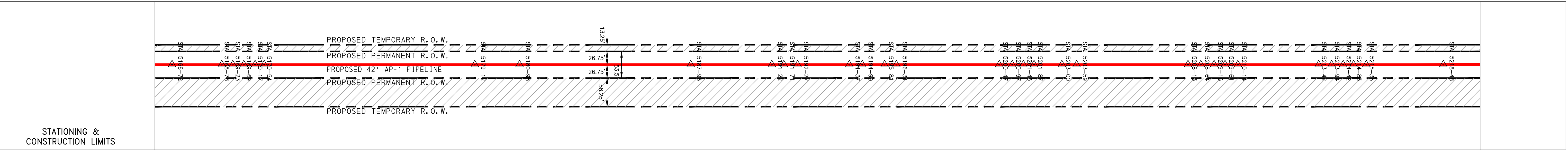
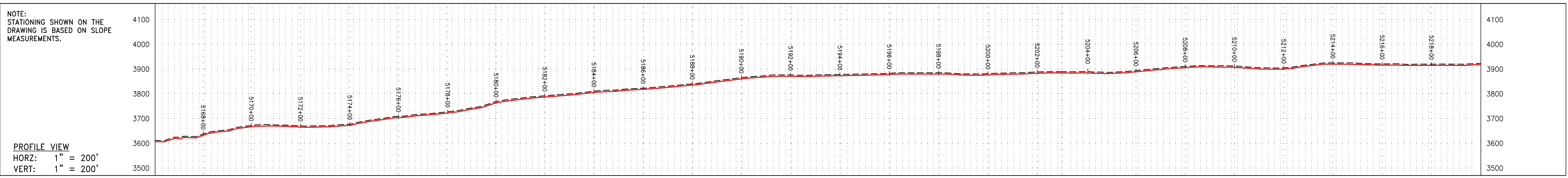
TASK NO. SUB TASK NO.
 005 00

GROUP ID DRAWING NO.
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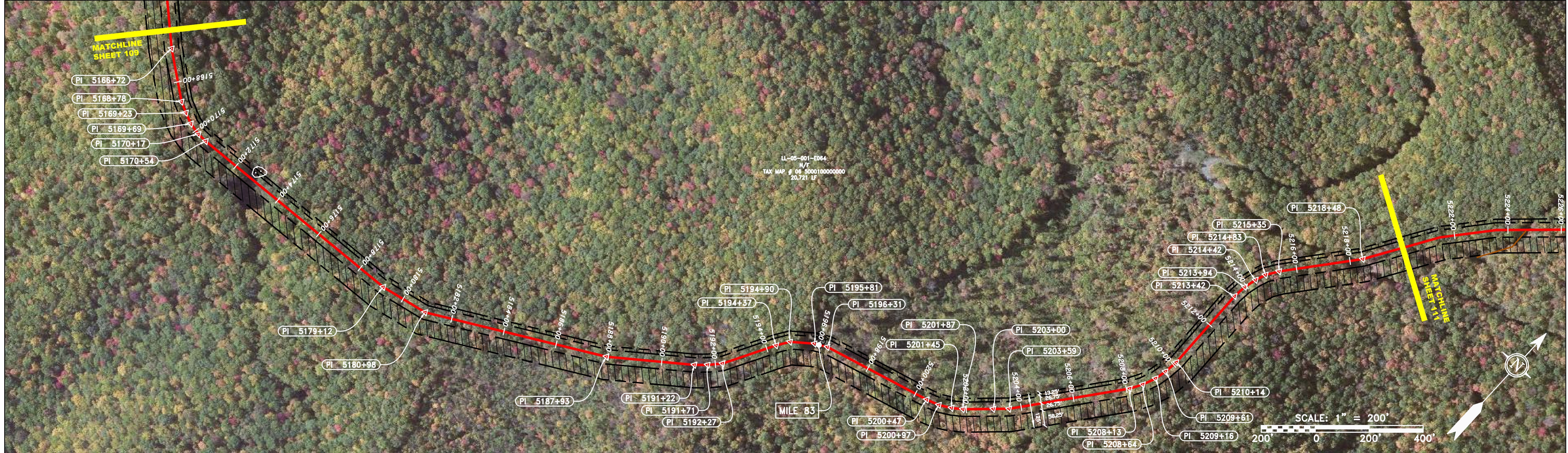
109 OF 344

7/18/2016 10:07 AM

J:\2665 -GAI\WORK ORDER 02 - SOUTHEAST PIPELINE (SECTION 1)\1 - REROUTE 1A\ALIGNMENT SHEETS\2665-02_SPREAD_1A_SHEET_110.DWG



PROPERTY OWNERSHIP	5060+24	5217+00
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PIPE SPECIFICATION	STATIONING
	5166+00
	5170+00
	5172+00
	5174+00
	5176+00
	5178+00
	5180+00
	5182+00
	5184+00
	5186+00
	5188+00
	5190+00
	5192+00
	5194+00
	5196+00
	5198+00
	5200+00
	5202+00
	5204+00
	5206+00
	5208+00
	5210+00
	5212+00
	5214+00
	5216+00
	5218+00

LEGEND

	PROPERTY LINE		STORM SEWER		EXTRA WORK SPACE		TOPSOIL SEGREGATION AREA
	FENCE		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				
	OVERHEAD UTILITY LINES		PROPOSED PERMANENT EASEMENT				
	PROPOSED GAS PIPELINE		PROPOSED GAS PIPELINE (NO GROUND SURVEY)				

NOTES:

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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.

NO.	DATE	CHKD.	APPROD.	DESCRIPTION

7/19/16

CONSTRUCTION ALIGNMENT STA. 5166+00 TO 5220+00
 RANDOLPH COUNTY, WEST VIRGINIA

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

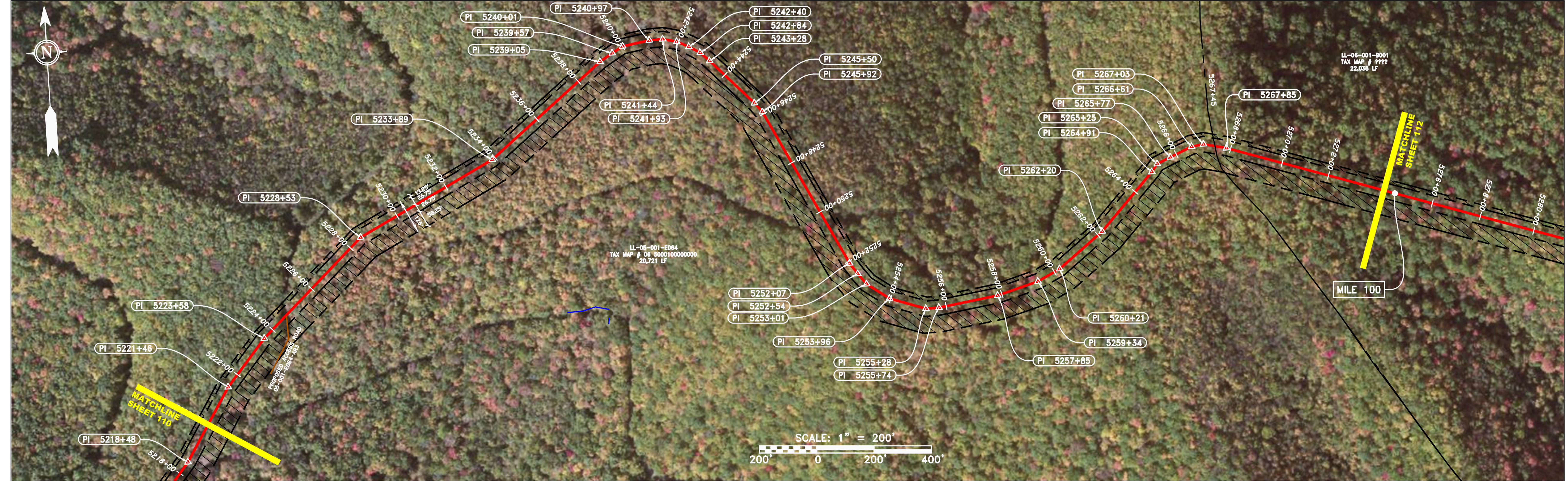
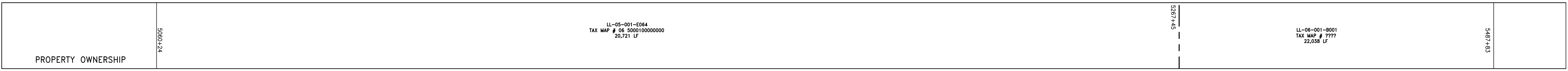
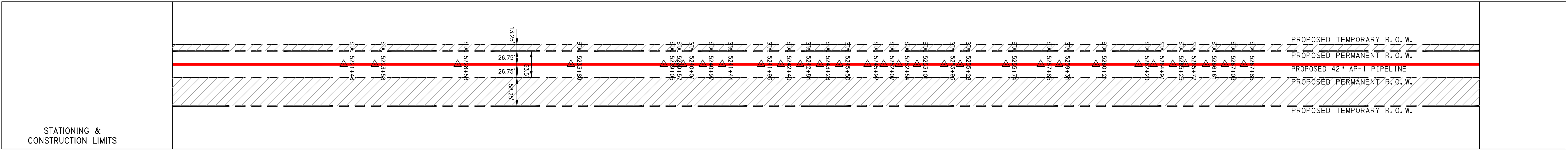
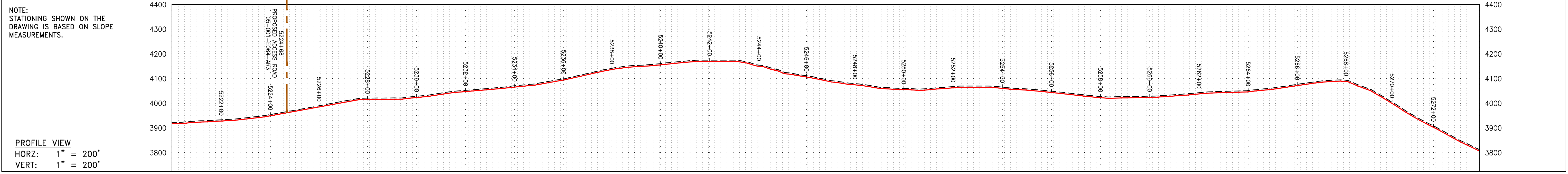
SCALE: AS SHOWN
 DATE: 7/19/16
 DRAWN: GOS
 CHECKED: DLH
 APPROVED: NET

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.	005
SUB TASK NO.	00
GROUP ID	D
DRAWING NO.	E110
110 OF 344	

7/19/2016 7:50 AM



PIPE SPECIFICATION



LEGEND

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

NOTES:

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NO.	DATE	CHKD.	APPROV.	DESCRIPTION

7/18/16

CONSTRUCTION ALIGNMENT STA. 5220+00 TO 5274+00

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

SCALE: AS SHOWN
DATE: 7/18/16
DRAWN: GOS
CHECKED: DLH
APPROVED: NET

gai consultants

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

mbe
monaloh basin engineers

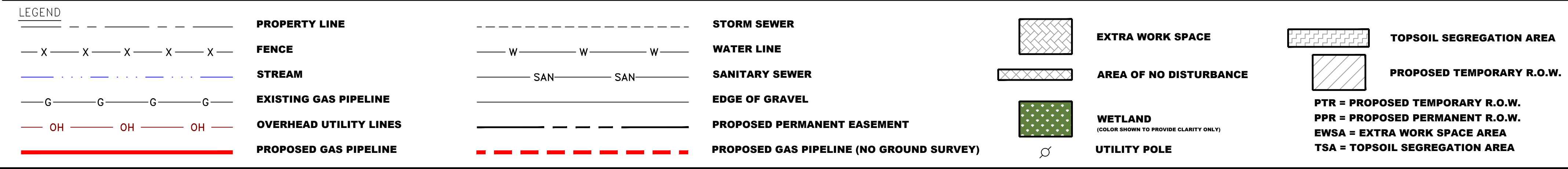
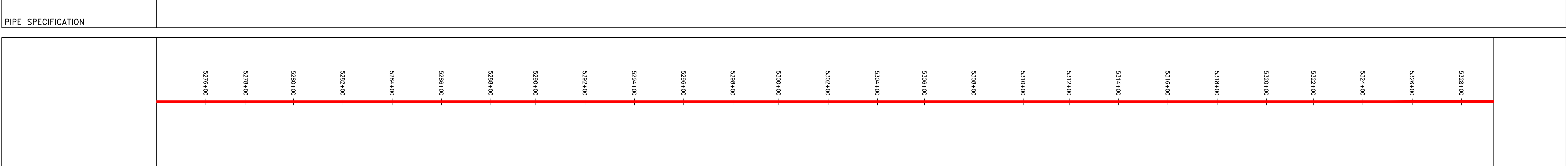
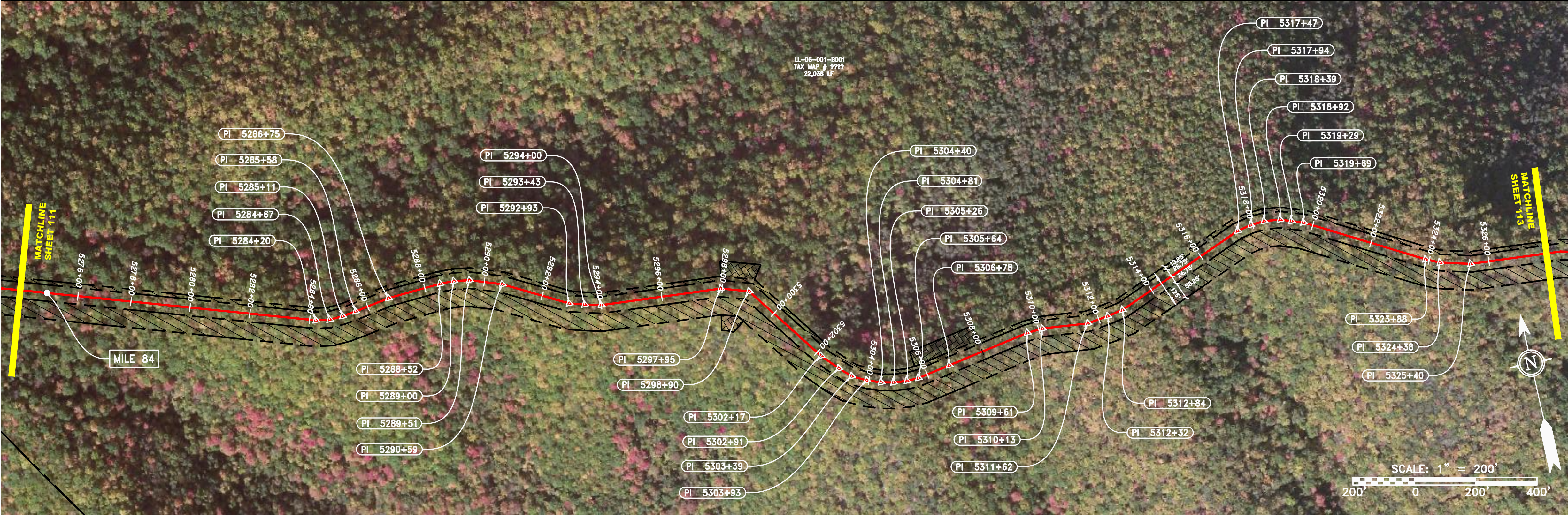
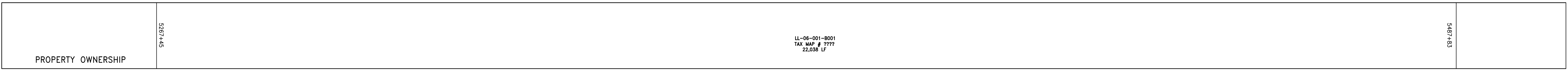
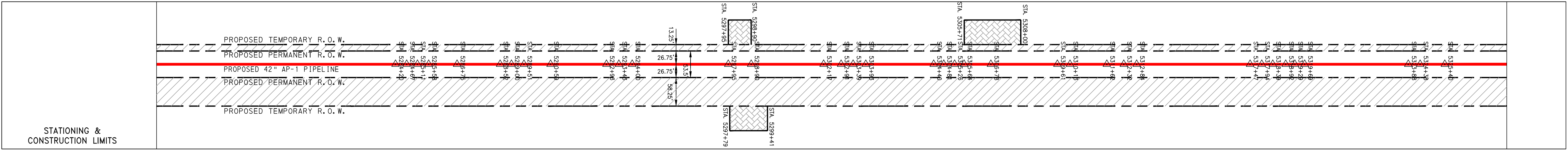
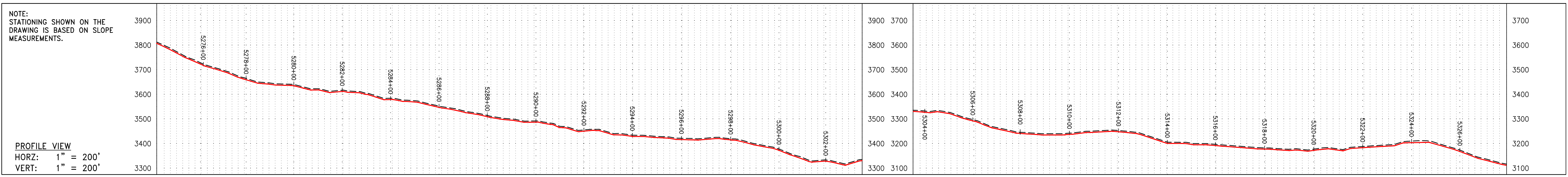
300 BUSINESS CENTER DRIVE
PITTSBURGH, PA 15205
412-788-2433

PROJECT NO./DASH NO.
140468

TASK NO. SUB TASK NO.
005 00

GROUP ID DRAWING NO.
D E111

111 OF 344



NOTES:

- COORDINATE SYSTEM USED FOR MAPPING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, US SURVEY FOOT, CENTRAL MERIDIAN 81° W
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REVISIONS			
NO.	DATE	CHKD.	APPD.

7/18/16

42" AP-1 PIPELINE
CONSTRUCTION ALIGNMENT STA. 5274+00 TO 5328+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: 7/18/16
DRAWN: GOS
CHECKED: DLH
APPROVED: NET

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

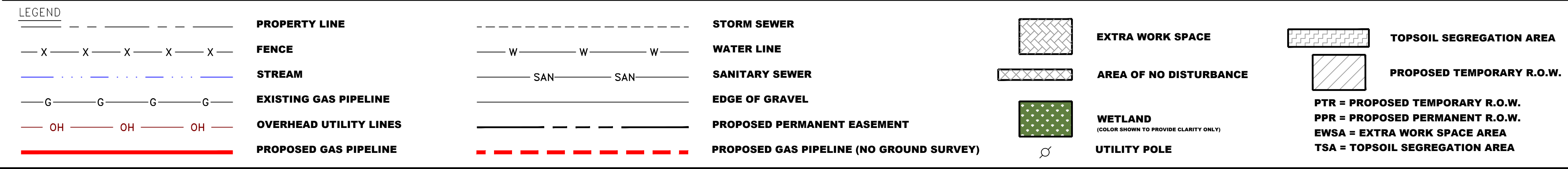
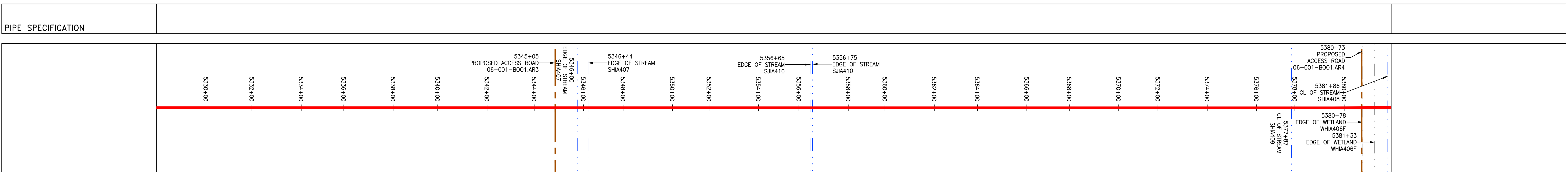
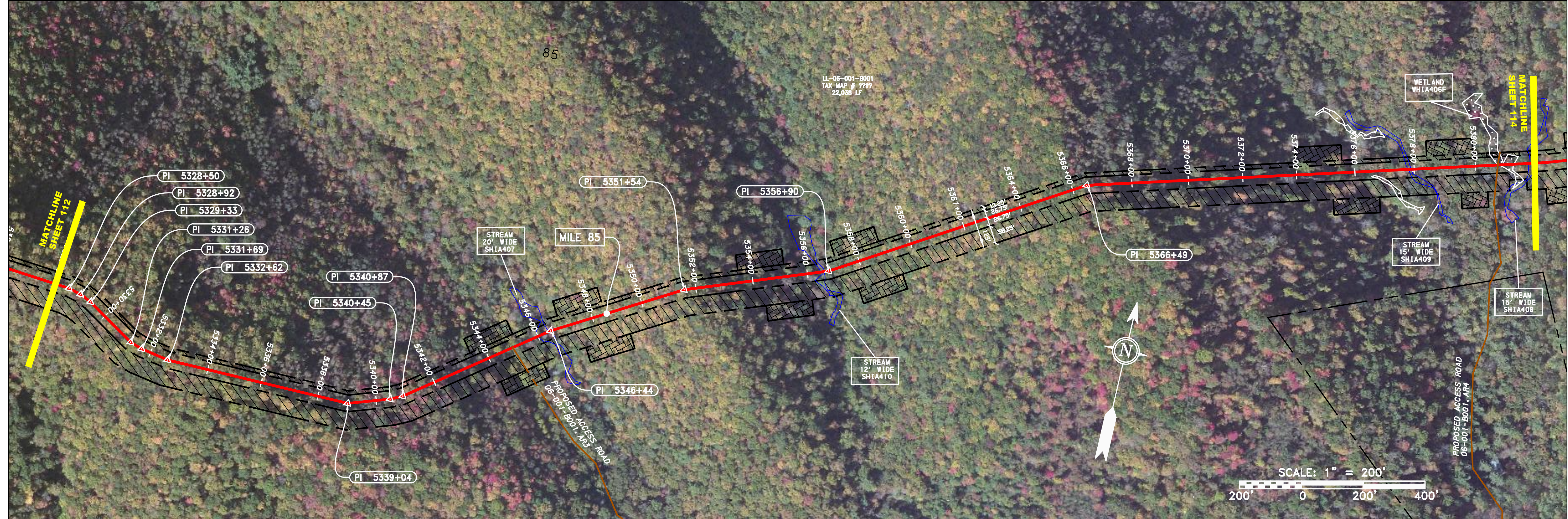
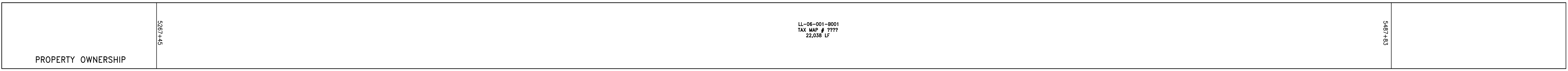
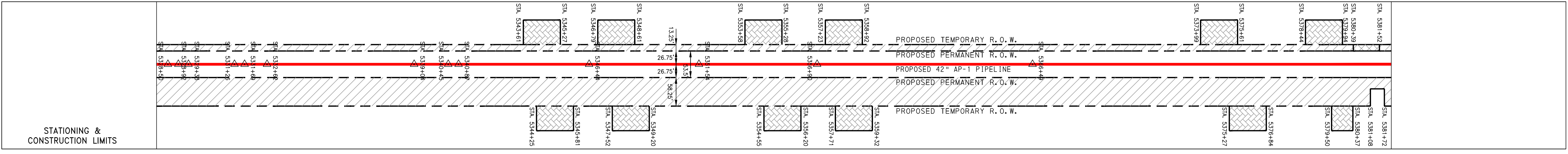
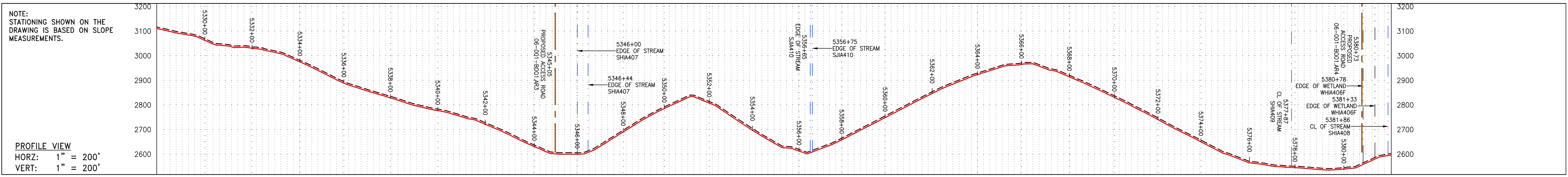
mbe
monaloh basin engineers
300 BUSINESS CENTER DRIVE
PITTSBURGH, PA 15205
412-788-2433

PROJECT NO./DASH NO.
140468

TASK NO.	SUB TASK NO.
005	00

GROUP ID: D DRAWING NO.: E112

112 OF 344



NOTES:

- COORDINATE SYSTEM USED FOR MAPPING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, US SURVEY FOOT, CENTRAL MERIDIAN 81° W
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- 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.

7/18/16

113 - CONSTRUCTION ALIGNMENT STA. 5328+00 TO 5382+00
POCAHONTAS COUNTY, WEST VIRGINIA

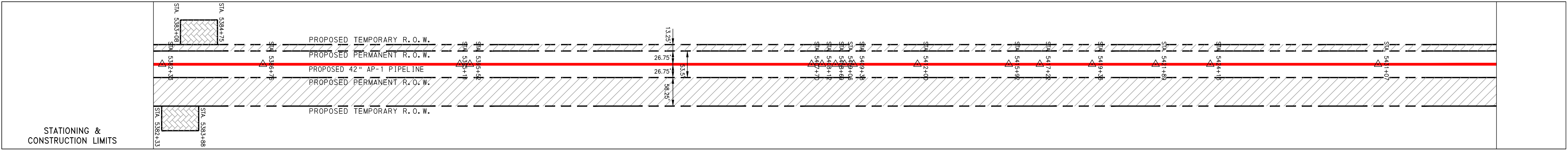
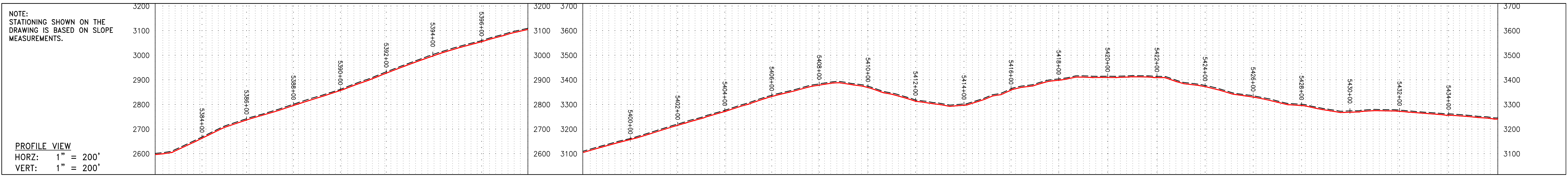
ATLANTIC COAST PIPELINE, LLC
C/O DOMINION TRANSMISSION, INC.
445 W. MAIN STREET, CLARKSBURG, WV 26301

SCALE: AS SHOWN
DATE: 7/18/16
DRAWN: GOS
CHECKED: DLH
APPROVED: NET

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

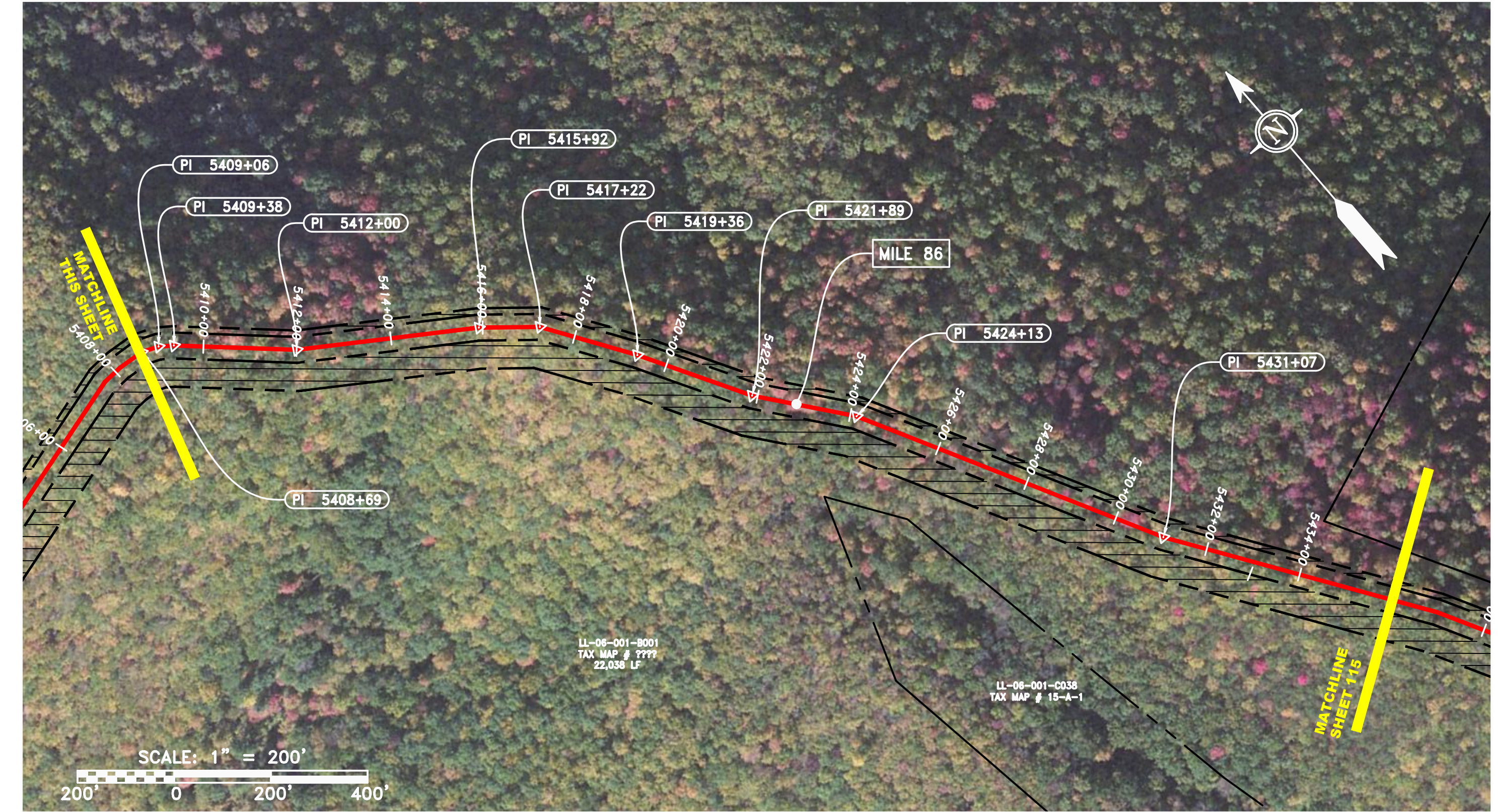
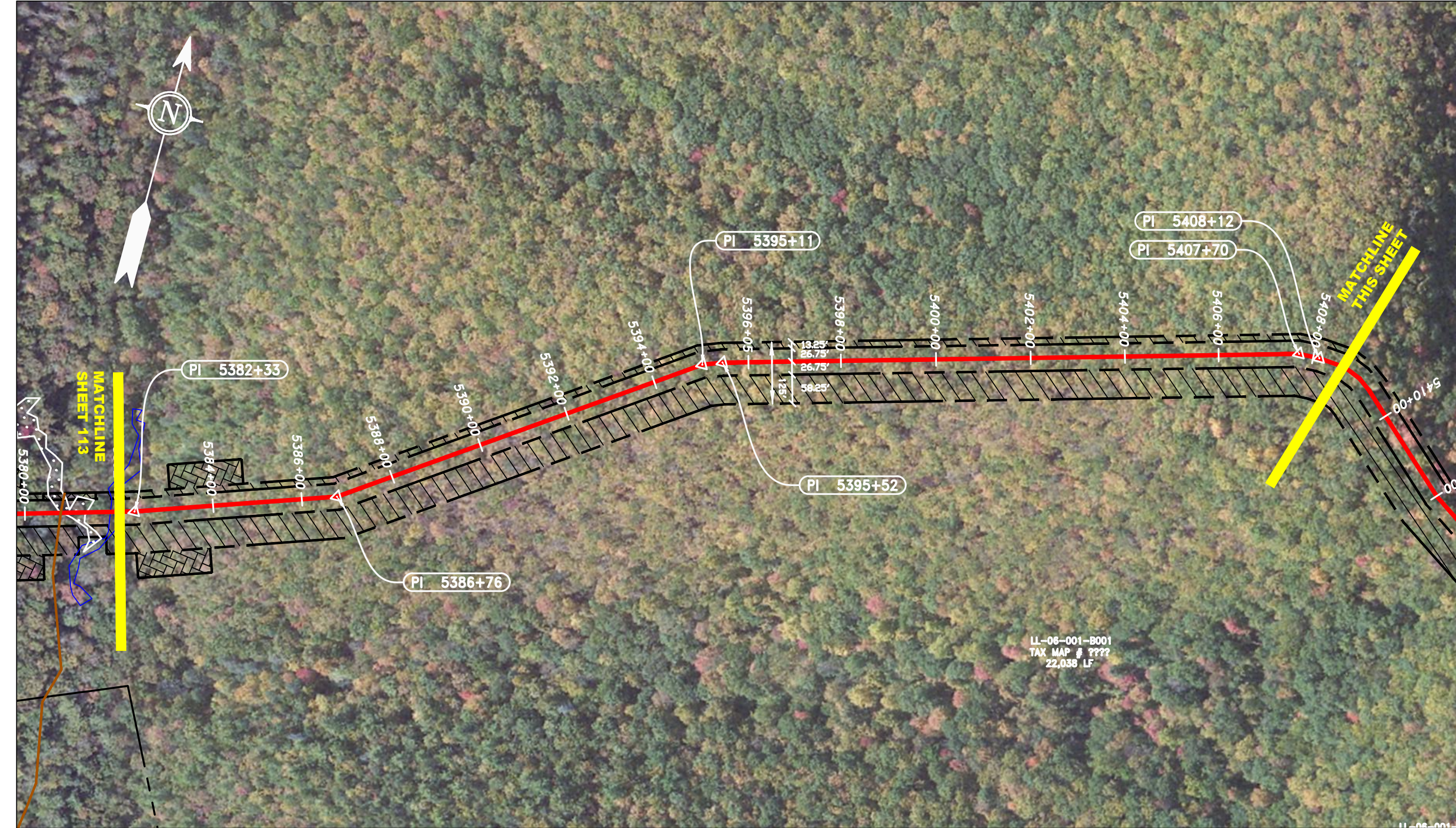
mbe monaloh basin engineers
300 BUSINESS CENTER DRIVE
PITTSBURGH, PA 15205
412-788-2433

PROJECT NO./DASH NO.	140468
TASK NO.	005
SUB TASK NO.	00
GROUP ID	D
DRAWING NO.	E113
113 OF 344	

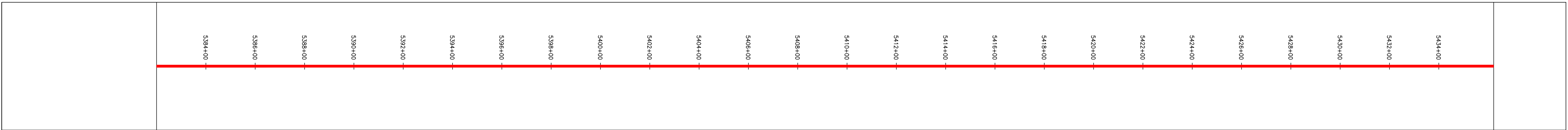


NO.	DATE	BY	CHKD.	APPROV.	DESCRIPTION

PROPERTY OWNERSHIP



PIPE SPECIFICATION
5384+00
5386+00
5388+00
5390+00
5392+00
5394+00
5396+00
5398+00
5400+00
5402+00
5404+00
5406+00
5408+00
5410+00
5412+00
5414+00
5416+00
5418+00
5420+00
5422+00
5424+00
5426+00
5428+00
5430+00
5432+00
5434+00



- 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.
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NO.	DATE	BY	CHKD.	APPROV.	DESCRIPTION

7/18/16

CONSTRUCTION ALIGNMENT STA. 5382+00 TO 5436+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: 7/18/16
DRAWN: GOS
CHECKED: DLH
APPROVED: NET

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

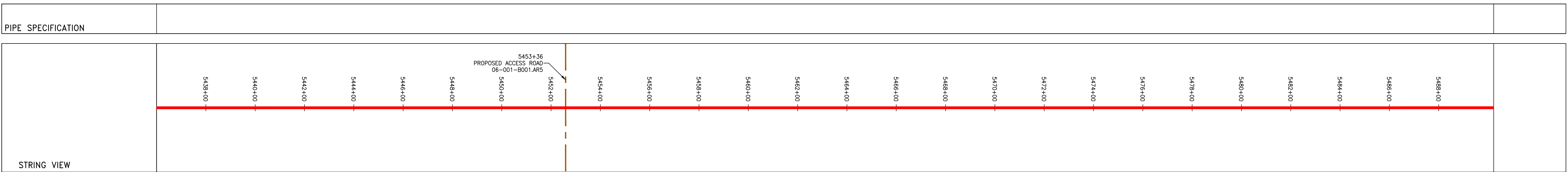
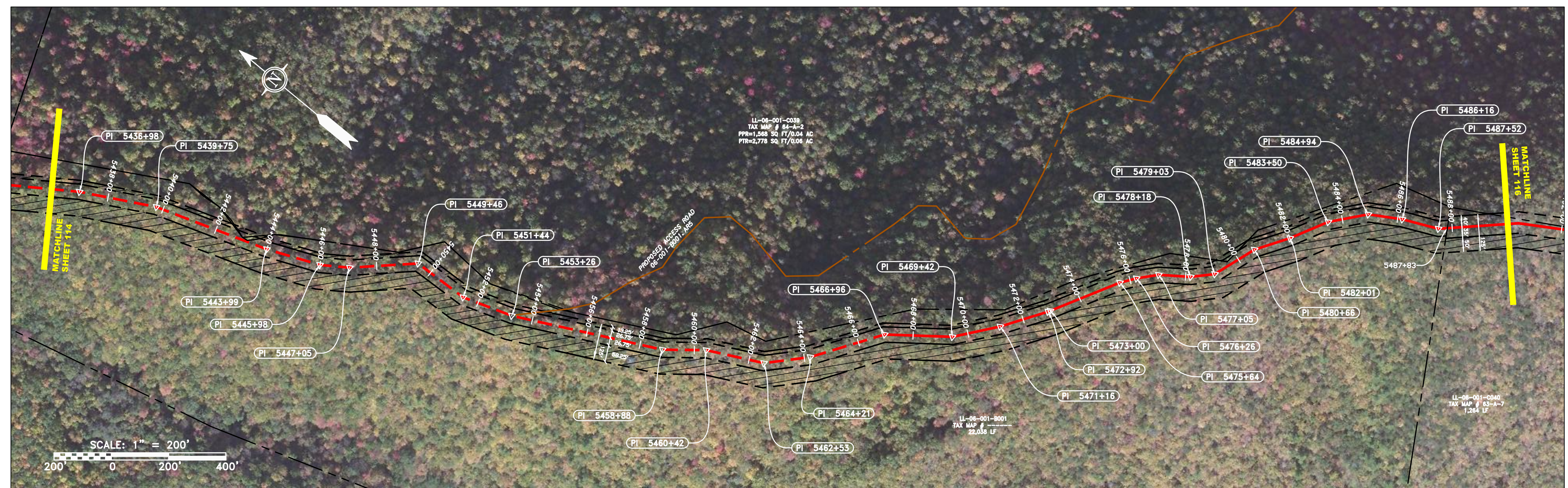
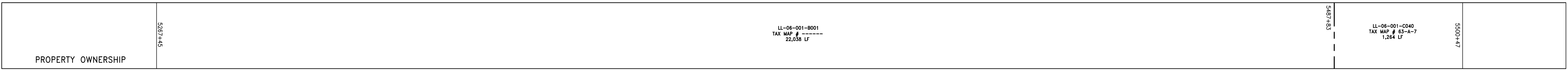
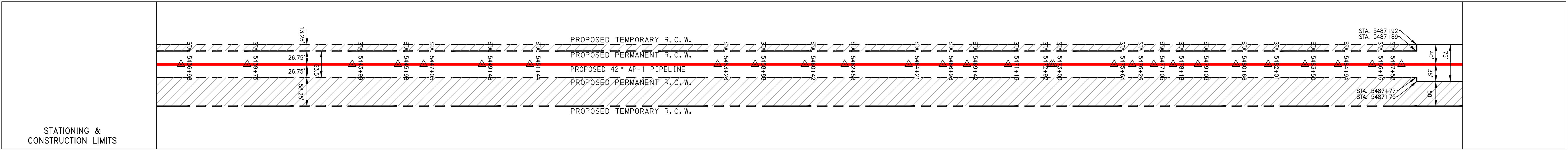
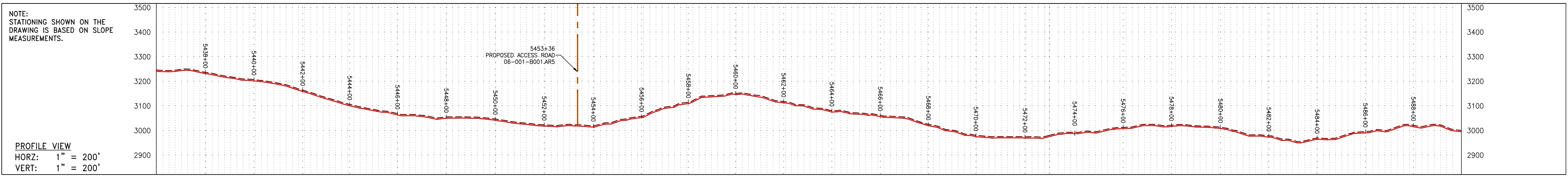
mbe
monaloh basin engineers
300 BUSINESS CENTER DRIVE
PITTSBURGH, PA 15205
412-788-2433

PROJECT NO./DASH NO.
140468

TASK NO. SUB TASK NO.
005 00

GROUP ID DRAWING NO.
D E114

114 OF 344



LEGEND	
	PROPERTY LINE
	FENCE
	STREAM
	EXISTING GAS PIPELINE
	OVERHEAD UTILITY LINES
	PROPOSED GAS PIPELINE
	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
	TOPSOIL SEGREGATION AREA
	PROPOSED TEMPORARY R.O.W.

NOTES:

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REVISIONS			
NO.	DATE	CHKD.	APPD.

7/18/16

115 - CONSTRUCTION ALIGNMENT STA. 5436+00 TO 5490+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: 7/18/16
DRAWN: GOS
CHECKED: DLH
APPROVED: NET

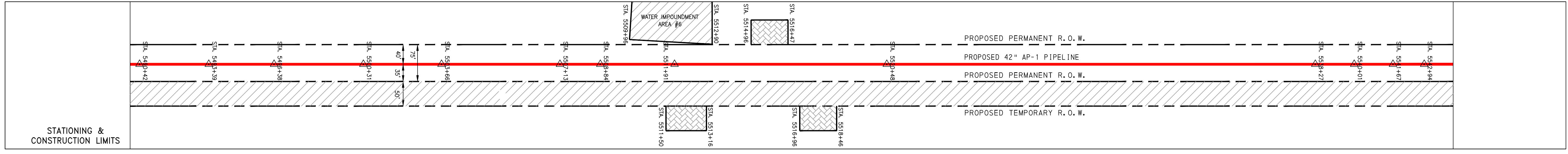
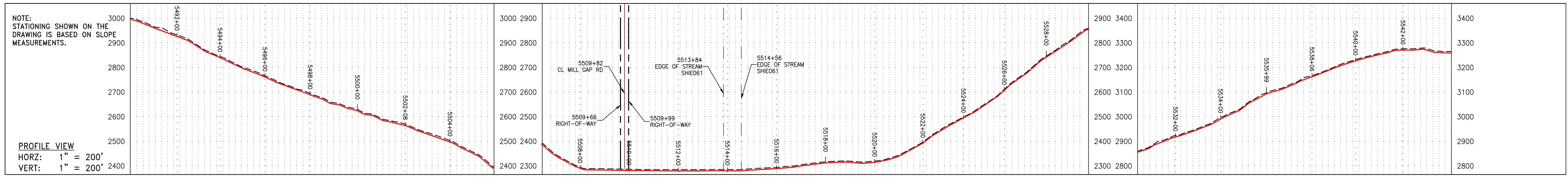
gai consultants

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

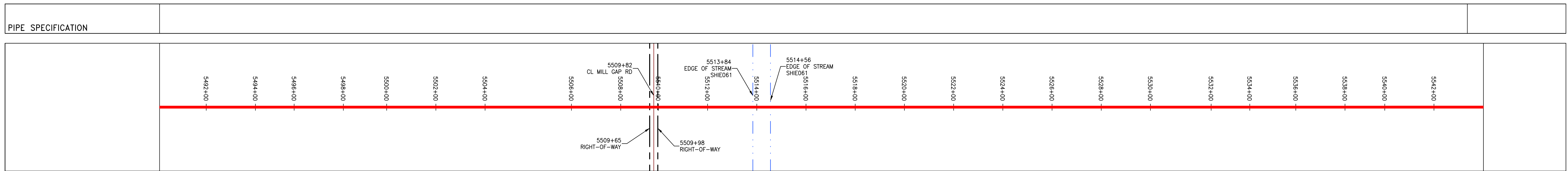
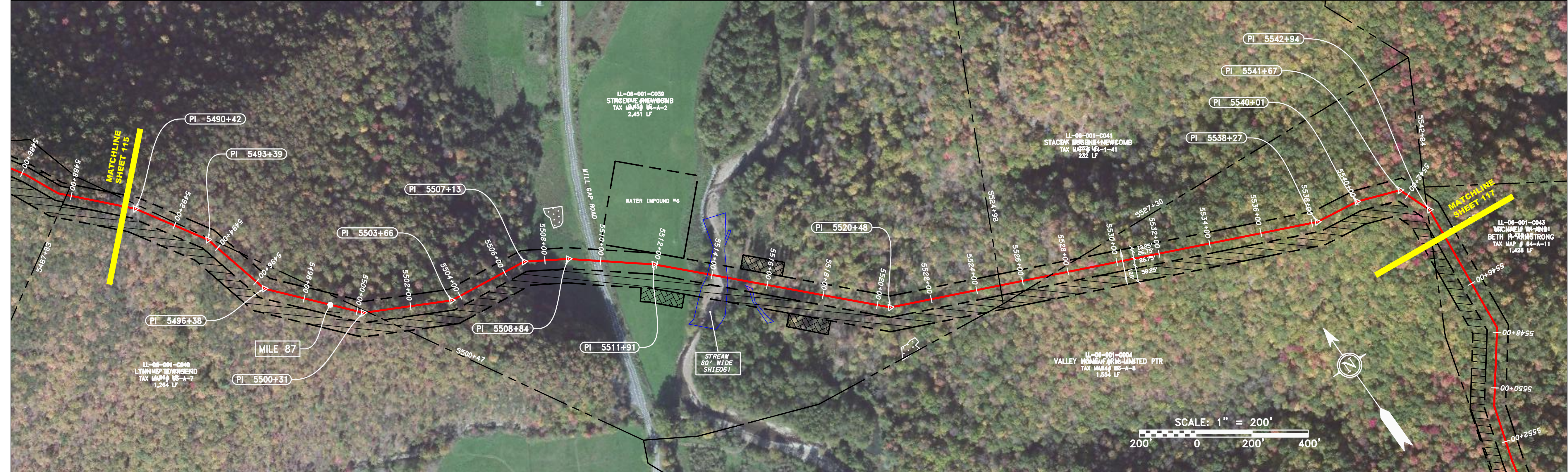
mbe
monaloh basin engineers

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

PROJECT NO./DASH NO.	140468
TASK NO.	005
SUB TASK NO.	00
GROUP ID	D
DRAWING NO.	E115
115 OF 344	



PROPERTY OWNERSHIP	STATIONING & CONSTRUCTION LIMITS
5487+83	LL-06-001-0040 LYNN W P TOWNSEND TAX MAP # 88-1-A-7 1,264 LF
5500+47	LL-06-001-0039 STROBMEYER NEWCOMB TAX MAP # 88-1-A-2 2,451 LF
5527+30	LL-06-001-0041 STACEY W BROWN NEWCOMB TAX MAP # 88-1-A-1 232 LF
5542+94	LL-06-001-0004 VALLEY MOUNTAIN FINE LIMITED PTR TAX MAP # 88-1-A-8 1,554 LF
5557+12	LL-06-001-0043 WICHMEYER W AND BETH R ARMSTRONG TAX MAP # 88-1-A-11 1,428 LF



LEGEND

NOTES:

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

NO.	DATE	BY	CHKD.	APPROD.	DESCRIPTION

7/18/16

42" AP-1 PIPELINE
CONSTRUCTION ALIGNMENT STA. 5490+00 TO 5544+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: 7/18/16
DRAWN: JMS
CHECKED: DLH
APPROVED: NET

gai consultants

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

mbe
monaloh basin engineers

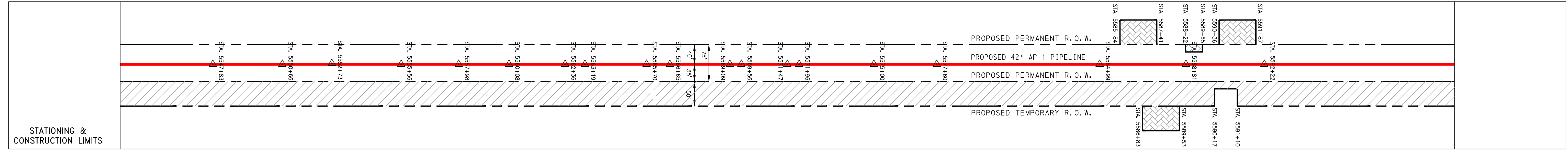
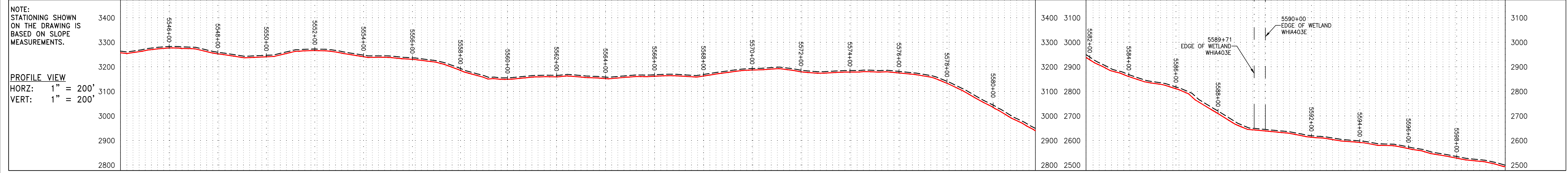
300 BUSINESS CENTER DRIVE
PITTSBURGH, PA 15205
412-788-2433

PROJECT NO./DASH NO.
140468

TASK NO. SUB TASK NO.
005 00

GROUP ID DRAWING NO.
D E116

116 OF 344



STATIONING & CONSTRUCTION LIMITS	PROPERTY OWNERSHIP
5542+84	LL-06-001-C043 TAX MAP # 64-A-11 1,428 LF
5557+12	
5573+86	LL-06-001-C004 TAX MAP # 63-A-8 2,174 LF
5585+45	LL-06-001-C008 TAX MAP # 64-A-1 699 LF
5591+10	LL-06-001-C004 TAX MAP # 63-A-8 1,589 LF
5601+44	



PIPE SPECIFICATION
5546+00
5548+00
5550+00
5552+00
5554+00
5556+00
5558+00
5560+00
5562+00
5564+00
5566+00
5568+00
5570+00
5572+00
5574+00
5576+00
5578+00
5580+00
5582+00
5584+00
5586+00
5588+00
5590+00
5592+00
5594+00
5596+00
5598+00



NOTES:

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REVISIONS			
NO.	DATE	CHKD.	APPROD.

7/15/16

117 - CONSTRUCTION ALIGNMENT STA. 5544+00 TO 5600+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: 7/15/16
DRAWN: GOS
CHECKED: DLH
APPROVED: NET



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

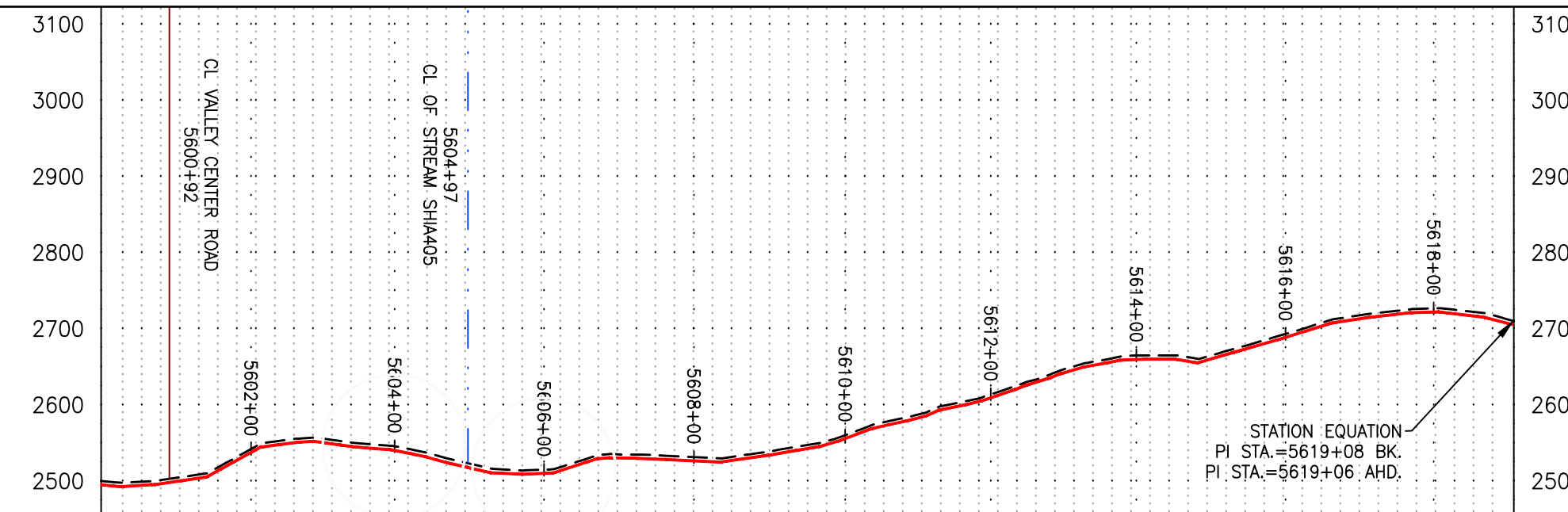


300 BUSINESS CENTER DRIVE
PITTSBURGH, PA 15205
412-788-2433

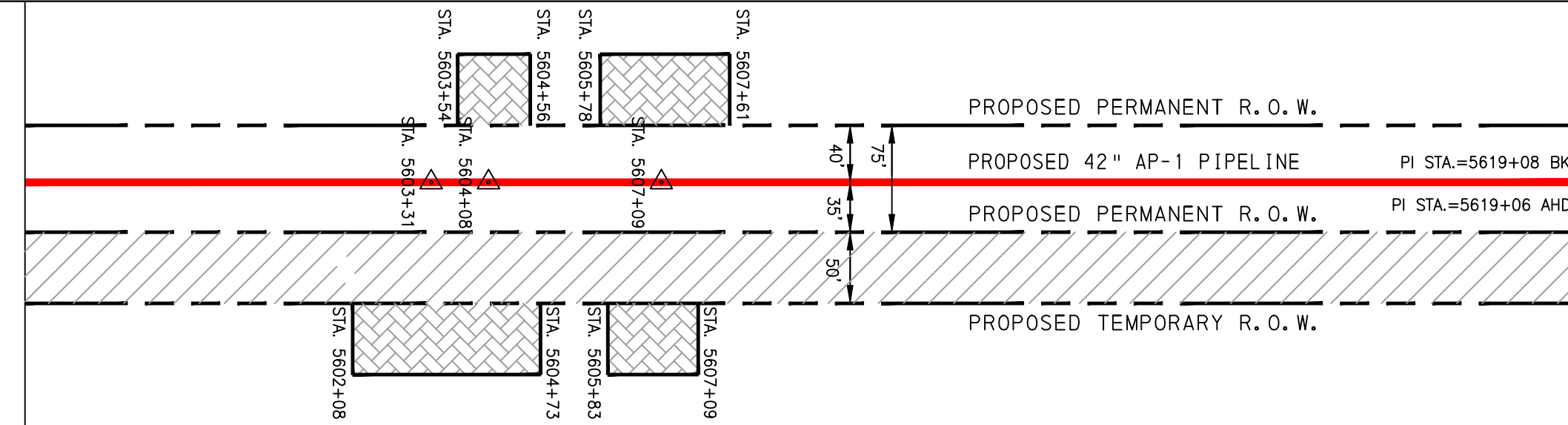
PROJECT NO./DASH NO.	140468
TASK NO.	005
SUB TASK NO.	00
GROUP ID	D
DRAWING NO.	E117
117 OF 344	

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

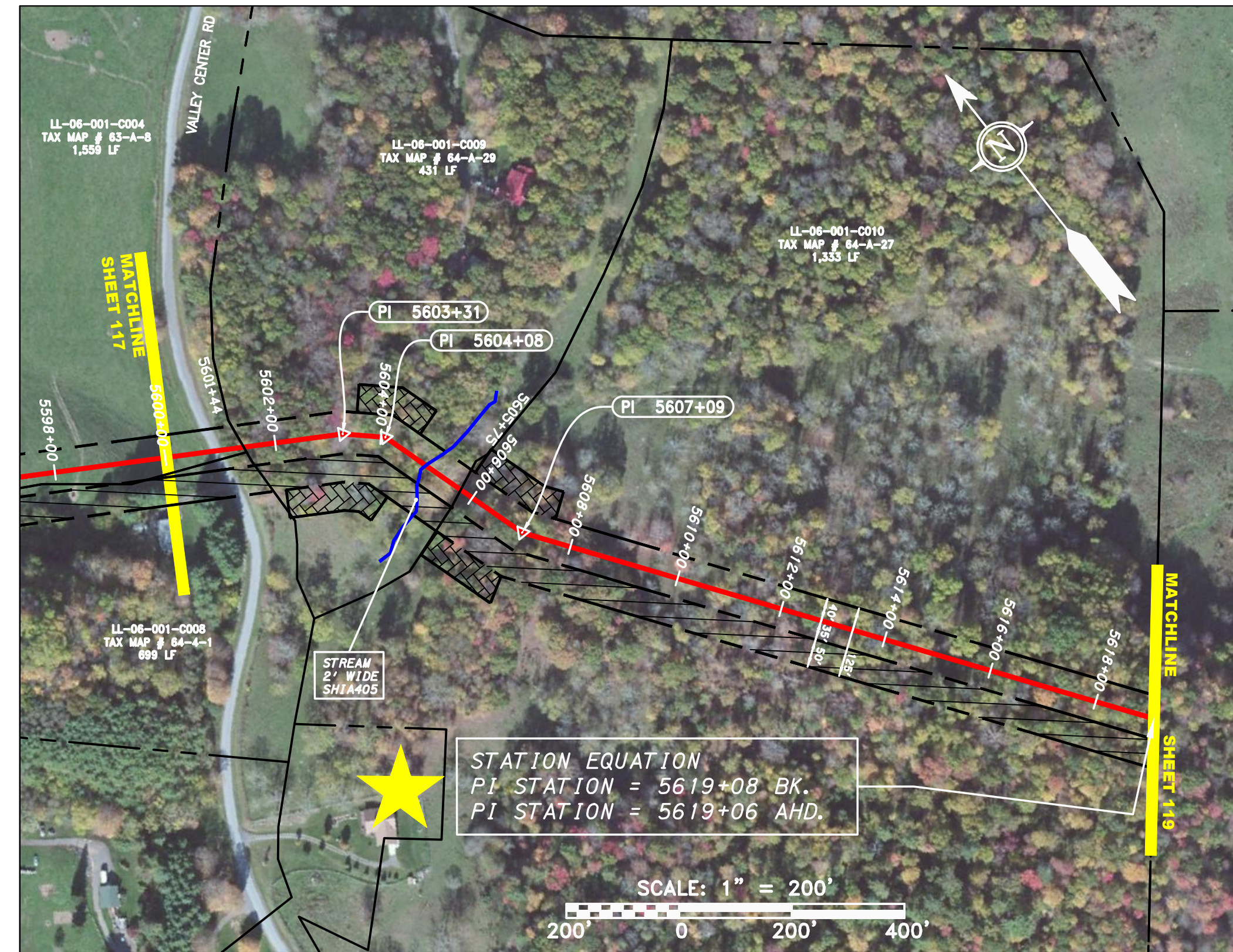
PROFILE VIEW
HORZ: 1" = 200'
VERT: 1" = 200'



STATIONING &
CONSTRUCTION LIMITS

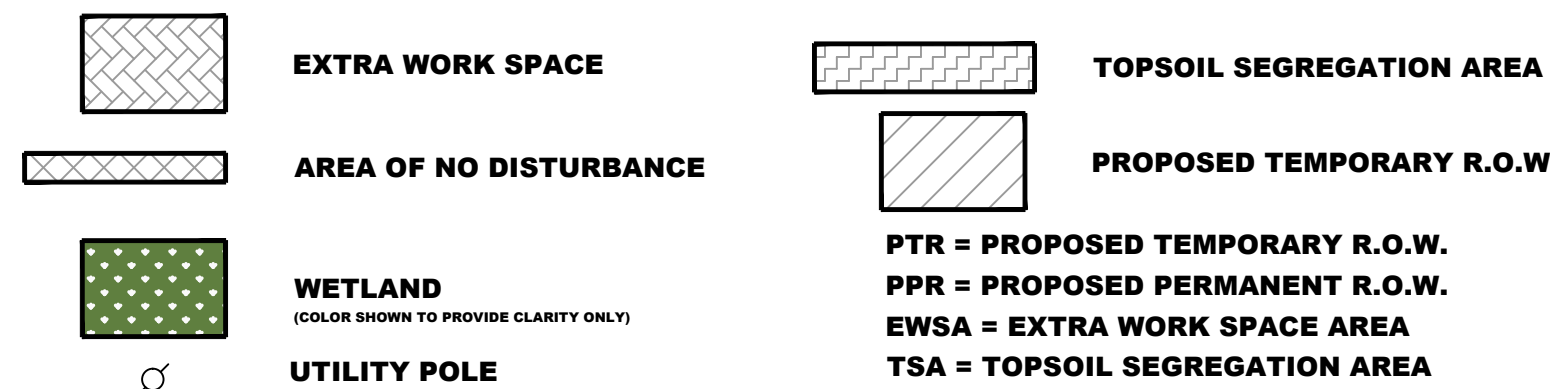
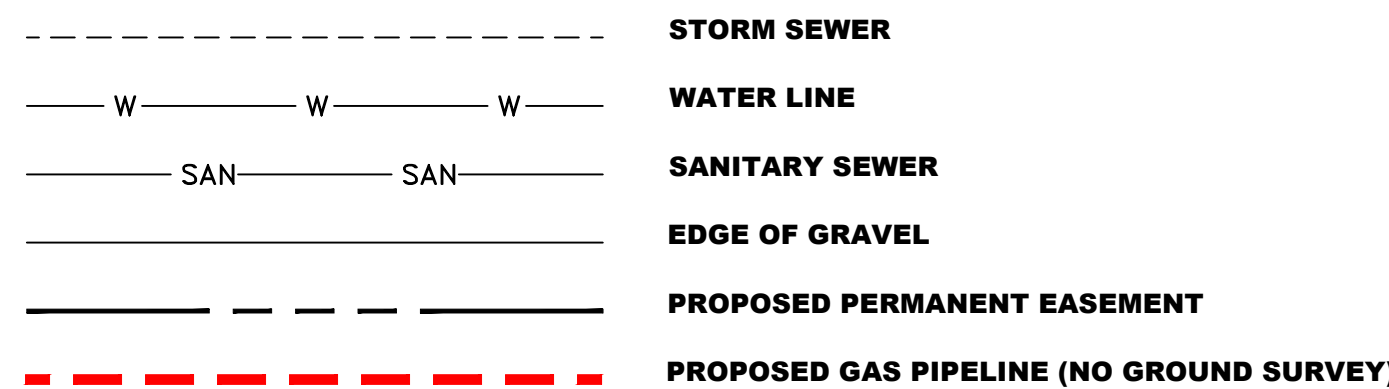
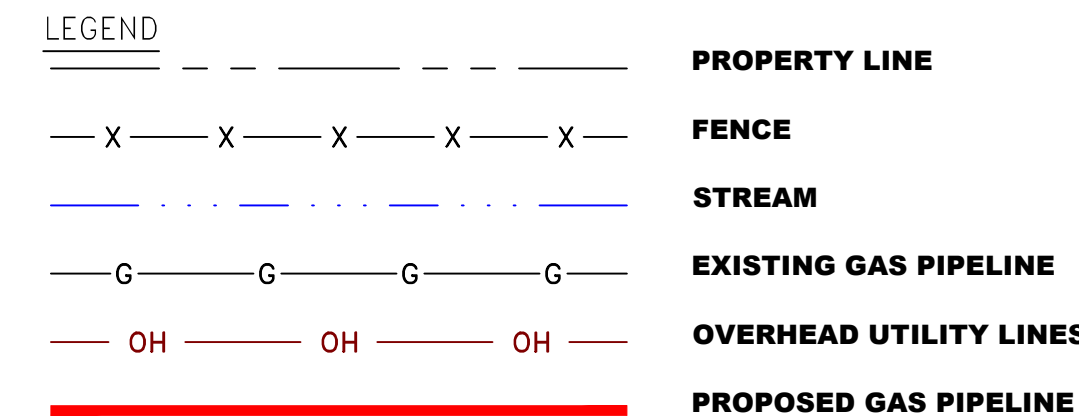


PROPERTY OWNERSHIP



PIPE SPECIFICATION

STRING VIEW BAND



NOTES:

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REVISIONS

7/15/16

42" AP-1 PIPELINE
CONSTRUCTION ALIGNMENT STA. 5600+00 TO 5619+08
POCAHONTAS COUNTY, WEST VIRGINIA

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

SCALE: AS SHOWN
DATE: 7/15/16
DRAWN: GOS
CHECKED: DLH
APPROVED: NET



SOUTHPOINTE OFFICE
6000 TOWN CENTER BLVD.
CANONSBURG, PA 15205
724-873-3545



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

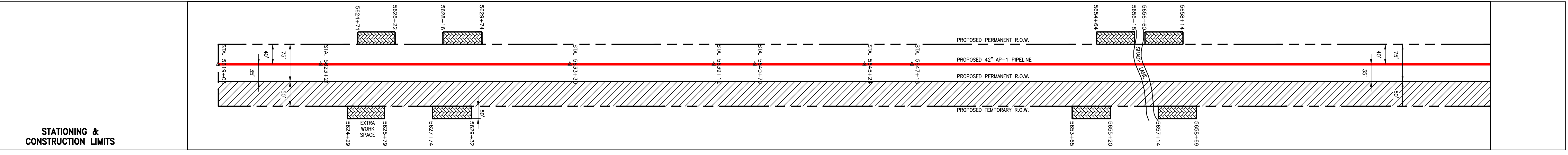
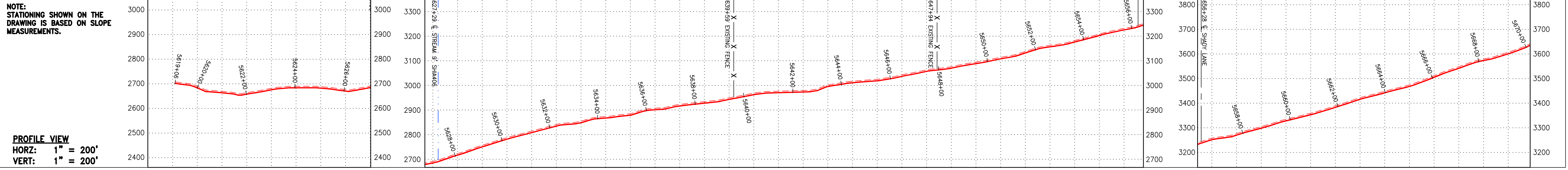
PROJECT NO./DASH NO.
140468

TASK NO. SUB TASK NO.
005 00

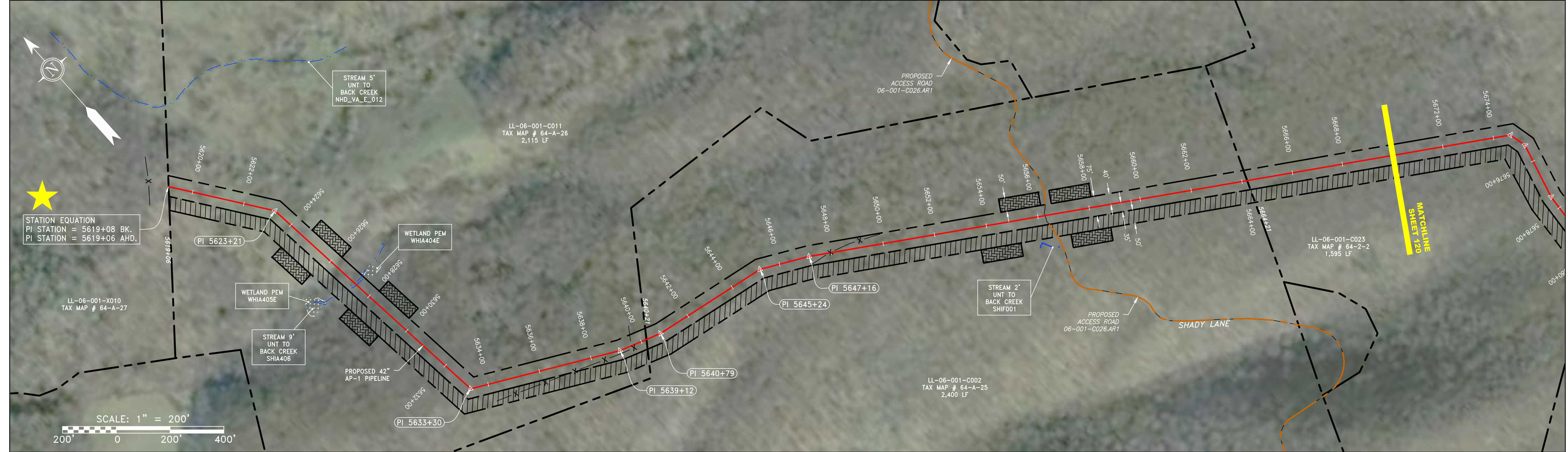
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118 OF 344

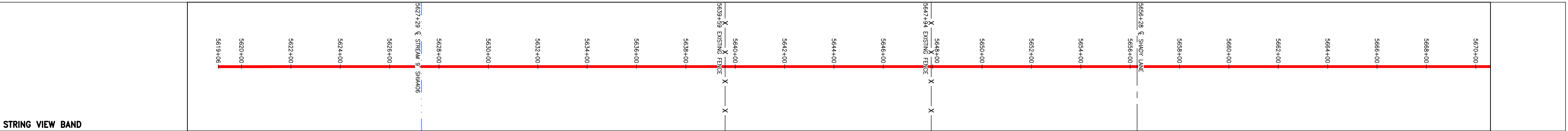
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PROPERTY OWNERSHIP	STATIONING
LL-06-001-X010 TAX MAP # 64-A-27	STA 5619+00
LL-06-001-C011 TAX MAP # 64-A-26 2,115 LF	STA 5623+21
LL-06-001-C002 TAX MAP # 64-A-25 2,400 LF	STA 5640+00
LL-06-001-C023 TAX MAP # 64-2-2 1,595 LF	STA 5664+21
	STA 5670+00



NOT TO SCALE
PIPE SPECIFICATION



LEGEND		PROPERTY LINE		PROPOSED ACCESS ROAD		WETLAND		EXTRA WORK SPACE		TOPSOIL SEGREGATION AREA	
-X-X-X-X-X-	FENCE	-W-W-W-W-	PROPERTY LINE	-S-S-S-S-	PROPOSED ACCESS ROAD	(Green pattern)	WETLAND	(Hatched pattern)	EXTRA WORK SPACE	(Diagonal lines)	TOPSOIL SEGREGATION AREA
-G-G-G-G-	STREAM	-SAN-SAN-	SANITARY SEWER	(Dashed line)	WATER LINE	(Blue pattern)	UTILITY POLE	(Cross-hatched)	AREA OF NO DISTURBANCE	(Diagonal lines)	PROPOSED TEMPORARY R.O.W.
-OH-OH-OH-	EXISTING GAS PIPELINE	-SAN-SAN-	SANITARY SEWER	(Dashed line)	WATER LINE	(Blue pattern)	EXISTING WELL	(Cross-hatched)	AREA OF NO DISTURBANCE	(Diagonal lines)	PROPOSED TEMPORARY R.O.W.
-OH-OH-OH-	OVERHEAD UTILITY LINES	-SAN-SAN-	SANITARY SEWER	(Dashed line)	WATER LINE	(Blue pattern)	EXISTING WELL	(Cross-hatched)	AREA OF NO DISTURBANCE	(Diagonal lines)	PROPOSED TEMPORARY R.O.W.
-OH-OH-OH-	PROPOSED GAS PIPELINE	-SAN-SAN-	SANITARY SEWER	(Dashed line)	WATER LINE	(Blue pattern)	EXISTING WELL	(Cross-hatched)	AREA OF NO DISTURBANCE	(Diagonal lines)	PROPOSED TEMPORARY R.O.W.
-OH-OH-OH-	PROPOSED GAS PIPELINE	-SAN-SAN-	SANITARY SEWER	(Dashed line)	WATER LINE	(Blue pattern)	EXISTING WELL	(Cross-hatched)	AREA OF NO DISTURBANCE	(Diagonal lines)	PROPOSED TEMPORARY R.O.W.

- NOTES:**
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 - ALL STATIONING SHOWN IS SLOPE STATIONING.

REVISIONS	
NO.	DATE
DWN.	CHKD.
APPD.	DESCRIPTION

7/19/16

42" AP-1 PIPELINE
CONSTRUCTION ALIGNMENT STA 5619+06 TO 5670+00
HIGHLAND COUNTY, VIRGINIA

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

SCALE: AS SHOWN
DATE: 7/19/16
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

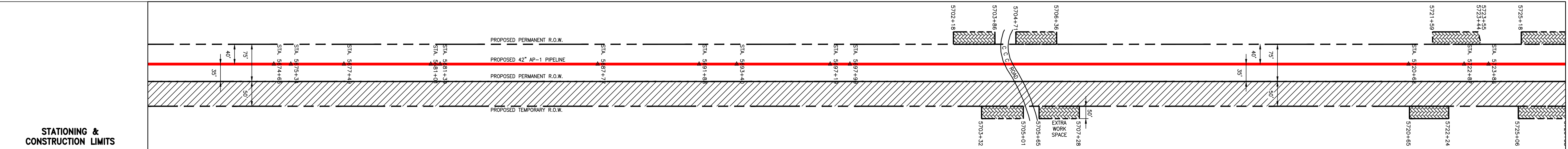
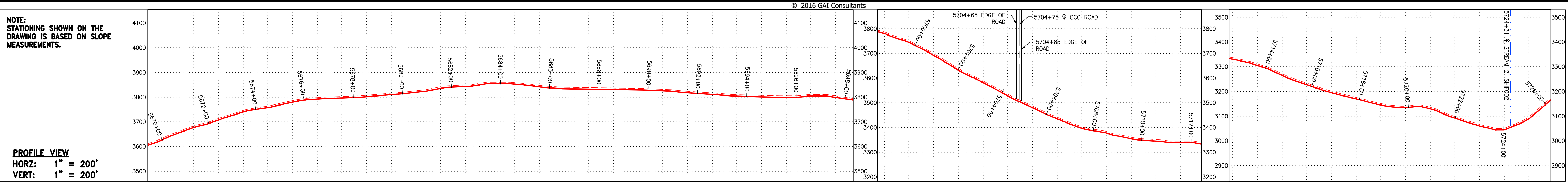
PROJECT NO./DASH NO.
140468

TASK NO.	SUB TASK NO.
005	00

GROUP ID: D DRAWING NO: E119

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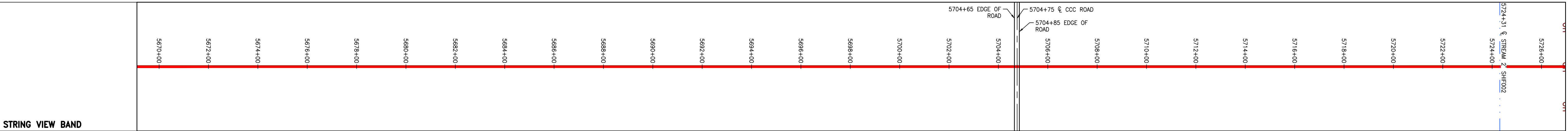


PROPERTY OWNERSHIP	NO.	DATE	CHKD.	APPD.	DESCRIPTION
LL-06-001-C023 TAX MAP # 64-2-2 1,595 LF					
LL-06-001-C026 TAX MAP # 64-2-2?? 81 LF					
LL-06-001-C025 TAX MAP # 64-2-2B 1,141 LF					
LL-06-001-C026 TAX MAP # 64-2-2?? 1,416 LF					
LL-06-001-C028 TAX MAP # 64-2-2A1 158 LF					
LL-06-001-C025 TAX MAP # 64-2-2B 210 LF					
LL-06-001-C028 TAX MAP # 64-2-2A1 1,892 LF					



NOT TO SCALE

PIPE SPECIFICATION



LEGEND

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

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

7/19/16

CONSTRUCTION ALIGNMENT STA 5670+00 TO 5728+00

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

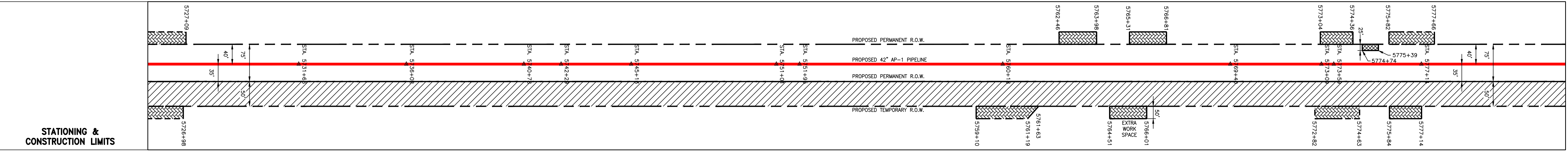
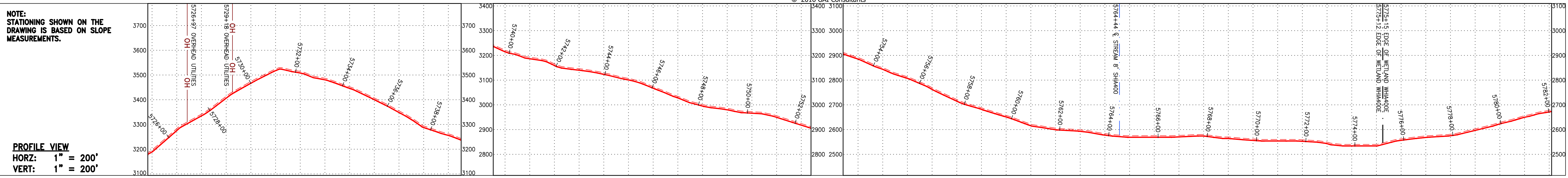
SCALE: AS SHOWN
 DATE: 7/19/16
 DRAWN: STM
 CHECKED: DLH
 APPROVED: NET

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

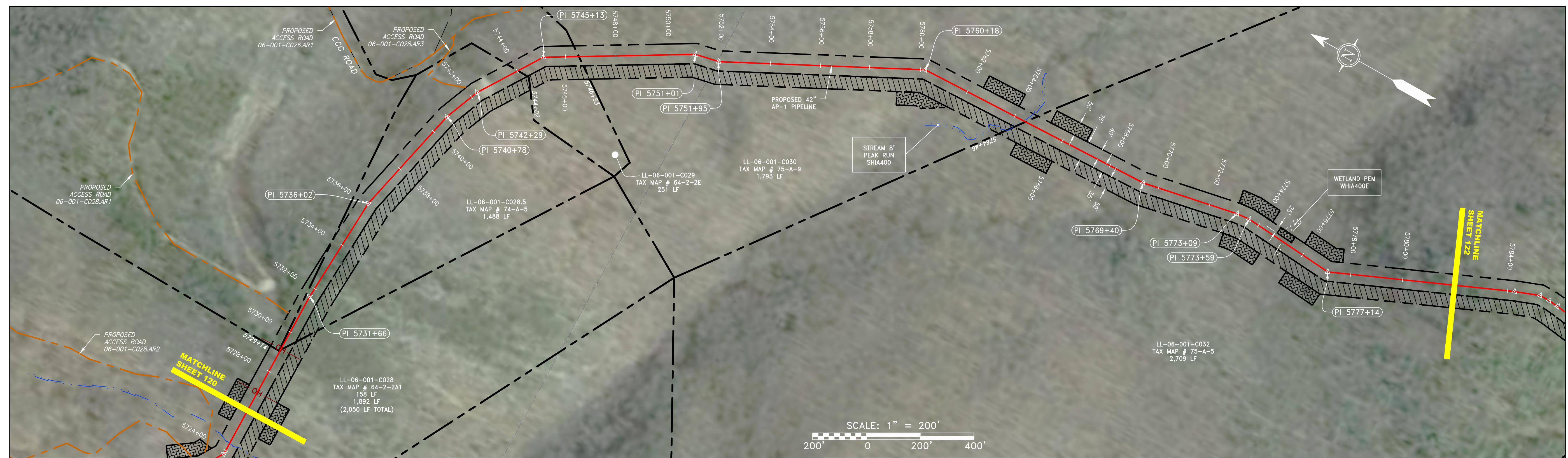
mbe
monaloh basin engineers
 300 BUSINESS CENTER DRIVE
 PITTSBURGH, PA 15205
 412-788-2433

PROJECT NO./DASH NO. **140468**
 TASK NO. **005** SUB TASK NO. **00**
 GROUP ID **D** DRAWING NO. **E120**
120 OF 344

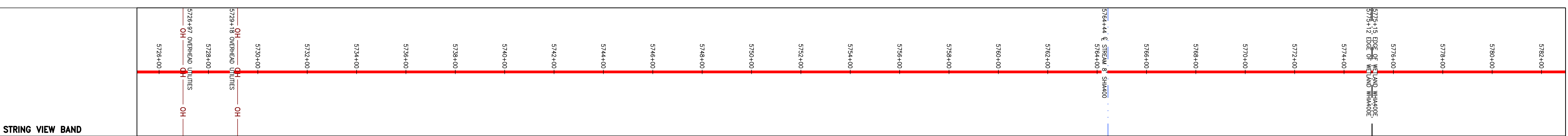
7/19/2016 3:12 PM



PROPERTY OWNERSHIP	STATIONING
LL-06-001-C028 TAX MAP # 64-2-2A1 1,892 LF	SIA 5729+14
LL-06-001-C028.5 TAX MAP # 74-A-5 1,488 LF	SIA 5742+28
LL-06-001-C029 TAX MAP # 64-2-2E 251 LF	SIA 5746+33
LL-06-001-C030 TAX MAP # 75-A-9 1,793 LF	SIA 5754+48
LL-06-001-C032 TAX MAP # 75-A-5 2,709 LF	SIA 5781+55



NOT TO SCALE
PIPE SPECIFICATION



<p>LEGEND</p> <ul style="list-style-type: none"> - - - - - 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) [Hatched Box] EXTRA WORK SPACE [Dotted Box] AREA OF NO DISTURBANCE [Green Box] WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY) [Circle with X] UTILITY POLE [Circle with W] EXISTING WELL [Hatched Box] TOPSOIL SEGREGATION AREA [Hatched Box] PROPOSED TEMPORARY R.O.W. 	<p>NOTES:</p> <ol style="list-style-type: none"> 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. <p>PTR = PROPOSED TEMPORARY R.O.W. PPR = PROPOSED PERMANENT R.O.W. EWSA = EXTRA WORK SPACE AREA TSA = TOPSOIL SEGREGATION AREA</p>
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NO.	DATE	BY	CHKD.	APPD.	DESCRIPTION

7/19/16

42" AP-1 PIPELINE
CONSTRUCTION ALIGNMENT STA 5726+00 TO 5782+00
HIGHLAND COUNTY, VIRGINIA

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

SCALE: AS SHOWN
DATE: 7/19/16
DRAWN: STM
CHECKED: DLH
APPROVED: NET

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. E121
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