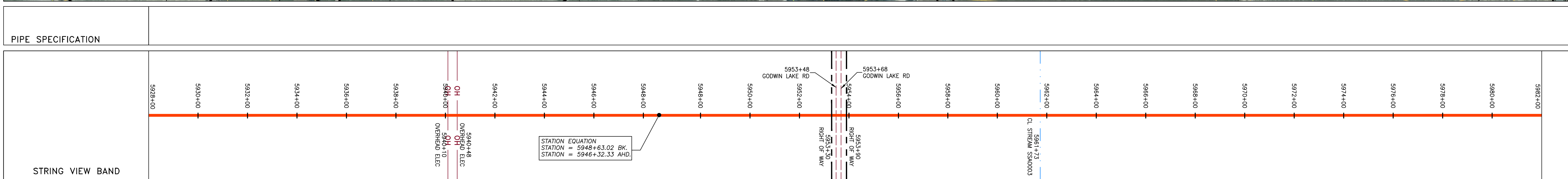
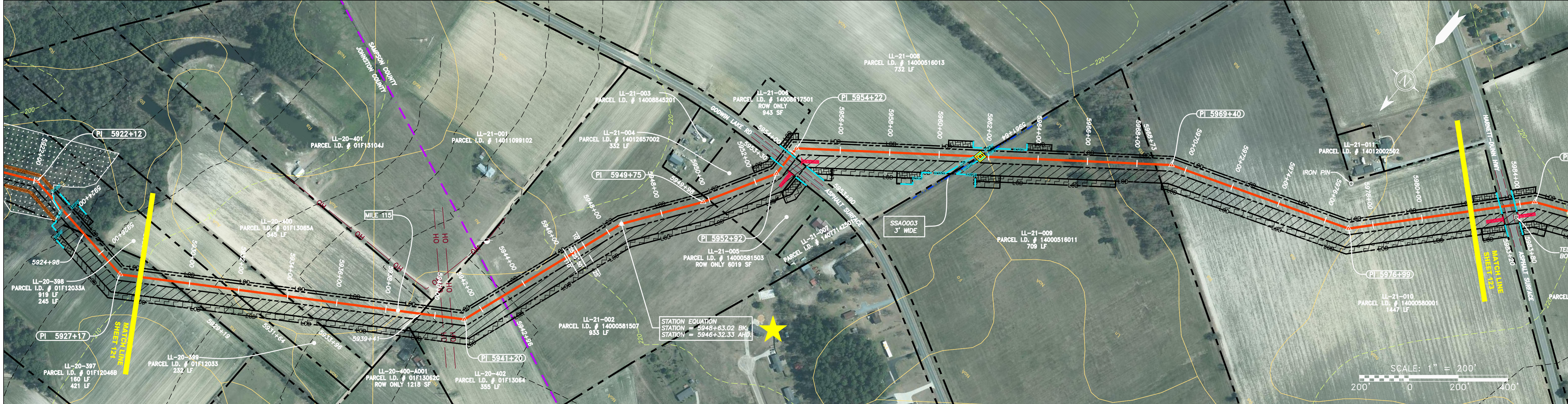


STATIONING & CONSTRUCTION LIMITS	PROPERTY OWNERSHIP
5924+00	LL-20-397 PARCEL I.D. # 01F12046B 421 LF
5924+19	LL-20-398 PARCEL I.D. # 01F12033A 245 LF
5924+34	LL-20-399 PARCEL I.D. # 01F12033 232 LF
5924+36	LL-20-400 PARCEL I.D. # 01F13065A 545 LF
5924+38	LL-20-400-A001 PARCEL I.D. # 01F13062C ROW ONLY 1218 SF
5924+39	LL-21-001 PARCEL I.D. # 14011099102
5924+40	LL-21-002 PARCEL I.D. # 14000581507 933 LF
5924+41	LL-21-005 PARCEL I.D. # 14000581503 ROW ONLY 6019 SF
5924+42	LL-21-004 PARCEL I.D. # 14012657002 332 LF
5924+43	LL-21-006 PARCEL I.D. # 14008617501 ROW ONLY 943 SF
5924+44	LL-21-008 PARCEL I.D. # 14000516013 774 LF
5924+45	LL-21-009 PARCEL I.D. # 14000516011 709 LF
5924+46	LL-21-010 PARCEL I.D. # 14000580001 1447 LF
5924+47	
5924+48	
5924+49	
5924+50	
5924+51	
5924+52	
5924+53	
5924+54	
5924+55	
5924+56	
5924+57	
5924+58	
5924+59	
5924+60	
5924+61	
5924+62	
5924+63	
5924+64	
5924+65	
5924+66	
5924+67	
5924+68	
5924+69	
5924+70	
5924+71	
5924+72	
5924+73	
5924+74	
5924+75	
5924+76	
5924+77	
5924+78	
5924+79	
5924+80	
5924+81	
5924+82	
5924+83	
5924+84	
5924+85	
5924+86	
5924+87	
5924+88	
5924+89	
5924+90	
5924+91	
5924+92	
5924+93	
5924+94	
5924+95	
5924+96	
5924+97	
5924+98	
5924+99	
5925+00	



### LEGEND

PROPERTY LINE	UNDERGROUND ELECTRIC	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	NOTE: THE PE SEAL AND SIGNATURE APPLIES ONLY TO THE E&S CONTROL DESIGN COMPLETED BY ERM (SEE NOTE 10).	
OVERHEAD UTILITY LINES	PROPOSED PERMANENT EASEMENT	PERMANENT WATERBAR/SLOPE BREAKER	TEMPORARY WATERBAR/SLOPE BREAKER
ACCESS ROAD	PROPOSED GAS PIPELINE (NO GROUND SURVEY)	TRENCH BREAKER/PLUG	STREAM CROSSING
PROPOSED GAS PIPELINE		USFWS STREAM CROSSING WITH ENHANCED CONTROLS	CONSTRUCTION ENTRANCE WITH DITCH
		CULVERT WATERBAR	

### 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 FROM LIDAR DATA AND GPS SUB-METER GROUND SURVEY PERFORMED BY GAI CONSULTANTS, INC FROM 11-03-2014 THRU 11-07-2014.
- IMAGERY TAKEN FROM GOOGLE EARTH.
- THE PROPERTY LINES SHOWN ARE BASED ON GIS & TAX ASSESSMENT RECORDS (PROVIDED BY OTHERS). GAI CONSULTANTS MAKE NO GUARANTEE EITHER EXPRESSED OR IMPLIED AS TO THE ACCURACY OF THE RECORDS AS SHOWN ON THESE DRAWINGS.
- STREAM AND WETLAND DATA SHOWN ON THE DRAWINGS WAS PROVIDED BY ERM.
- EROSION AND SEDIMENTATION CONTROL ELEMENTS MAY BE SHOWN OUTSIDE OF THE WORK AREAS FOR CLARITY ONLY. ACTUAL INSTALLATION SHALL BE WITHIN THE WORK AREAS.
- ALL STATIONING SHOWN IS SLOPE STATIONING.
- SILT FENCE AND FILTER SOCK SHALL BE INSTALLED PARALLEL TO CONTOUR TO EXTENT PRACTICABLE IN ACCORDANCE WITH STANDARD DETAIL.
- ACCESS ROADS HAVE BEEN GROUPED INTO FOUR CATEGORIES - 1) EXISTING ROADS NO IMPROVEMENTS, 2) EXISTING ROADS MINOR IMPROVEMENTS, 3) EXISTING ROADS MAJOR IMPROVEMENTS AND 4) NEW ROADS. APPROPRIATE EROSION AND SEDIMENTATION CONTROL ELEMENTS WILL BE PROVIDED FOR ROADS IN CATEGORIES 2, 3 AND 4. ROADS IN CATEGORIES 1 AND 2 HAVE ADEQUATE EXISTING DRAINAGE FEATURES WILL BE PROVIDED FOR ROADS IN CATEGORIES 3 AND 4.
- ERM IS SOLELY RESPONSIBLE FOR THE NATURE AND LOCATION OF THE DEPICTED BMPs AS OF THE DATE SIGNED AND SEALED BASED ON THE SOURCE DATA PROVIDED AND AS DESCRIBED IN THE NOTES SECTION OF THE INDEX SHEET OF THIS PLAN SET.

NO.	DATE	BY	CHKD.	APPD.	DESCRIPTION

**36" AP-2 PIPELINE**  
**CONSTRUCTION ALIGNMENT STA 5928+00 TO 5982+00**  
 JOHNSTON & SAMPSON COUNTIES, NORTH CAROLINA

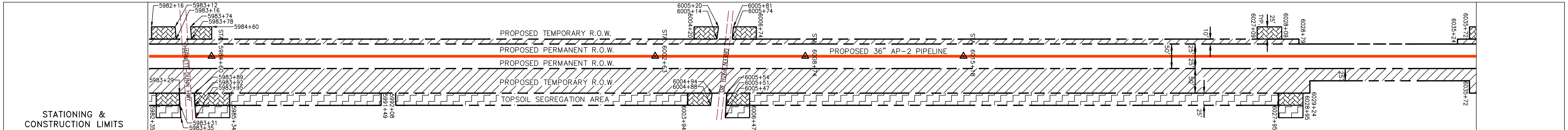
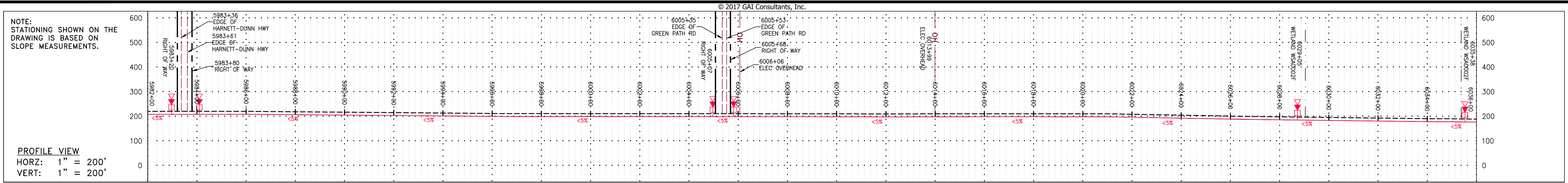
**ATLANTIC COAST PIPELINE, LLC**  
 C/O DOMINION TRANSMISSION, INC.  
 925 WHITE OAKS BLVD., BRIDGEPORT, WV 26330

SCALE:	AS SHOWN
DATE:	06/09/17
DRAWN:	GPT
CHECKED:	DLH
APPROVED:	NET

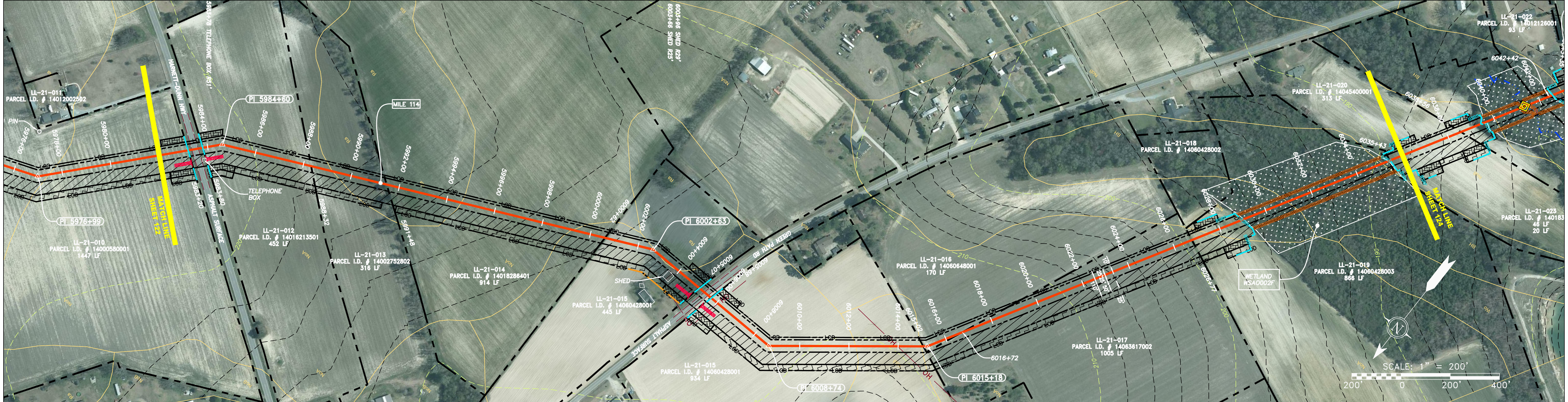
gai consultants - NC, inc.

4198 COX ROAD  
 SUITE 114  
 GLEN ALLEN, VA 23060  
 804-270-9357  
 N.C. COL. #P-0269

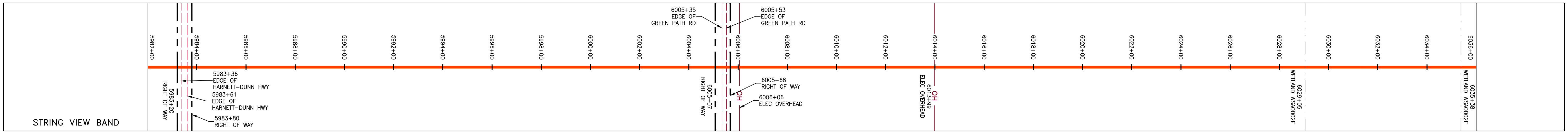
PROJECT NO./DASH NO.	140468
TASK NO. SUB TASK NO.	005 00
GROUP ID DRAWING NO.	D E122
122 OF 189	



PROPERTY OWNERSHIP									
LL-21-010 PARCEL I.D. # 14000580001 1447 LF	LL-21-012 PARCEL I.D. # 14016213501 452 LF	LL-21-013 PARCEL I.D. # 14002752802 316 LF	LL-21-014 PARCEL I.D. # 14018286401 914 LF	LL-21-015 PARCEL I.D. # 14060428001 445 LF	LL-21-015 PARCEL I.D. # 14060428001 934 LF	LL-21-016 PARCEL I.D. # 14060648001 170 LF	LL-21-017 PARCEL I.D. # 14063617002 1005 LF	LL-21-019 PARCEL I.D. # 14060428003 866 LF	LL-21-020 PARCEL I.D. # 14045400001 313 LF



PIPE SPECIFICATION																																																					
5982+00	5983+00	5984+00	5985+00	5986+00	5987+00	5988+00	5989+00	5990+00	5991+00	5992+00	5993+00	5994+00	5995+00	5996+00	5997+00	5998+00	5999+00	6000+00	6001+00	6002+00	6003+00	6004+00	6005+00	6006+00	6007+00	6008+00	6009+00	6010+00	6011+00	6012+00	6013+00	6014+00	6015+00	6016+00	6017+00	6018+00	6019+00	6020+00	6021+00	6022+00	6023+00	6024+00	6025+00	6026+00	6027+00	6028+00	6029+00	6030+00	6031+00	6032+00	6033+00	6034+00	6035+00



**LEGEND**

PROPERTY LINE	STORM SEWER	EXTRA WORK SPACE	TOPSOIL SEGREGATION AREA	PERMANENT WATERBAR/SLOPE BREAKER	LIMIT OF DISTURBANCE
FENCE	UNDERGROUND ELECTRIC	AREA OF NO DISTURBANCE	PROPOSED TEMPORARY R.O.W.	TEMPORARY WATERBAR/SLOPE BREAKER	BELTED SILT RETENTION FENCE (BSRF)
STREAM	WATER LINE	WETLAND	UTILITY POLE	TRENCH BREAKER/PLUG	COIR LOG
EXISTING GAS PIPELINE	SANITARY SEWER			STREAM CROSSING	COMPOST FILTER SOCK
OVERHEAD UTILITY LINES	EDGE OF GRAVEL			USFWS STREAM CROSSING WITH ENHANCED CONTROLS	ORANGE SAFETY FENCE
ACCESS ROAD	PROPOSED PERMANENT EASEMENT			CONSTRUCTION ENTRANCE WITH DITCH	ROADSIDE DITCH
PROPOSED GAS PIPELINE	PROPOSED GAS PIPELINE (NO GROUND SURVEY)			CULVERT/WATERBAR	SOIL TYPE

**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 FROM LIDAR DATA AND GPS SUB-METER GROUND SURVEY PERFORMED BY GAI CONSULTANTS, INC FROM 11-03-2014 THRU 11-07-2014.
- IMAGERY TAKEN FROM GOOGLE EARTH.
- THE PROPERTY LINES SHOWN ARE BASED ON GIS & TAX ASSESSMENT RECORDS (PROVIDED BY OTHERS). GAI CONSULTANTS MAKE NO GUARANTEE EITHER EXPRESSED OR IMPLIED AS TO THE ACCURACY OF THE RECORDS AS SHOWN ON THESE DRAWINGS.
- STREAM AND WETLAND DATA SHOWN ON THE DRAWINGS WAS PROVIDED BY ERM.
- EROSION AND SEDIMENTATION CONTROL ELEMENTS MAY BE SHOWN OUTSIDE OF THE WORK AREAS FOR CLARITY ONLY. ACTUAL INSTALLATION SHALL BE WITHIN THE WORK AREAS.
- ALL STATIONING SHOWN IS SLOPE STATIONING.
- SILT FENCE AND FILTER SOCK SHALL BE INSTALLED PARALLEL TO CONTOUR TO EXTENT PRACTICABLE IN ACCORDANCE WITH STANDARD DETAIL.
- ACCESS ROADS HAVE BEEN GROUPED INTO FOUR CATEGORIES - 1) EXISTING ROADS NO IMPROVEMENTS, 2) EXISTING ROADS MINOR IMPROVEMENTS, 3) EXISTING ROADS MAJOR IMPROVEMENTS AND 4) NEW ROADS. APPROPRIATE EROSION AND SEDIMENT CONTROLS WILL BE PROVIDED FOR ROADS IN CATEGORIES 2, 3 AND 4. ROADS IN CATEGORIES 1 AND 2 HAVE ADEQUATE EXISTING DRAINAGE FEATURES WILL BE PROVIDED FOR ROADS IN CATEGORIES 3 AND 4.
- ERM IS SOLELY RESPONSIBLE FOR THE NATURE AND LOCATION OF THE DEPICTED BMPs AS OF THE DATE SIGNED AND SEALED BASED ON THE SOURCE DATA PROVIDED AND AS DESCRIBED IN THE NOTES SECTION OF THE INDEX SHEET OF THIS PLAN SET.

NO.	DATE	DWN.	CHKD.	APPVD.	DESCRIPTION

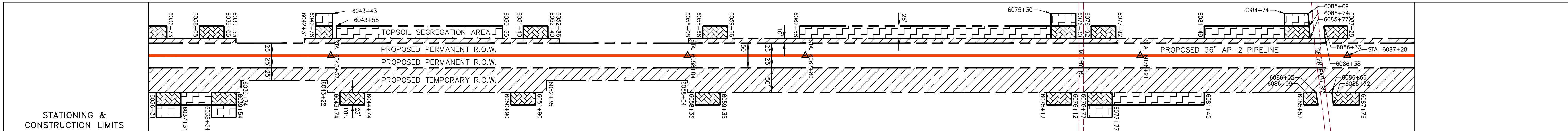
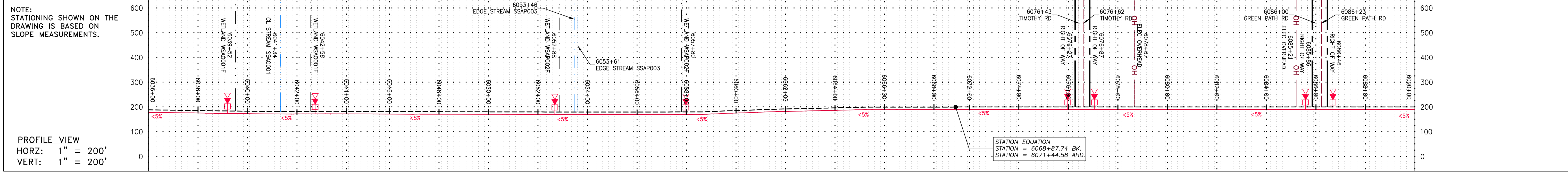
**36" AP-2 PIPELINE**  
**CONSTRUCTION ALIGNMENT STA 5982+00 TO 6036+00**  
 SAMPSON COUNTY, NORTH CAROLINA

ATLANTIC COAST PIPELINE, LLC  
 C/O DOMINION TRANSMISSION, INC.  
 925 WHITE OAKS BLVD., BRIDGEPORT, WV 26330

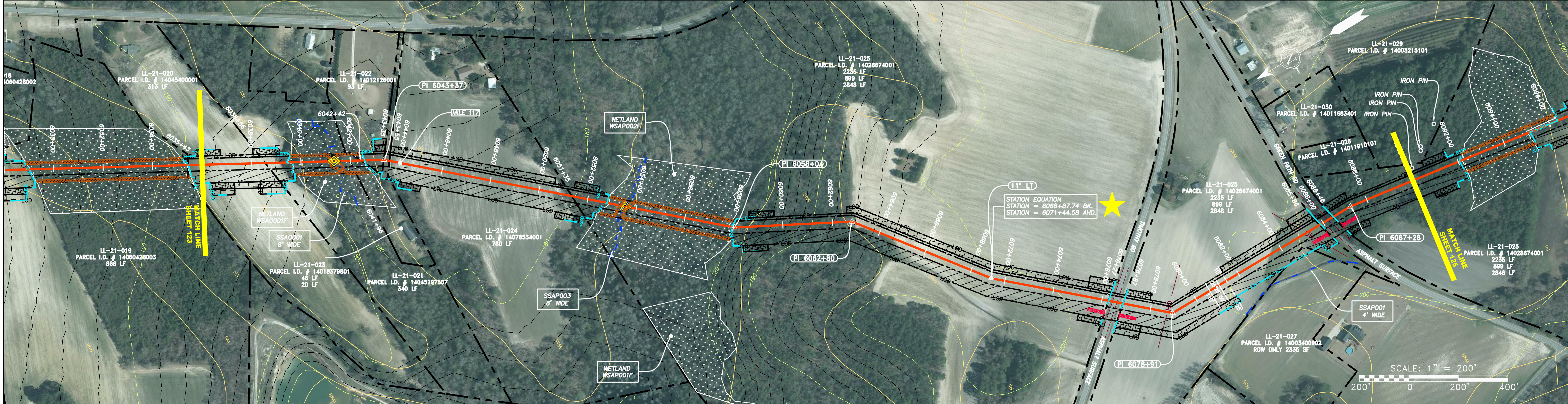
SCALE:	AS SHOWN
DATE:	06/09/17
DRAWN:	GPT
CHECKED:	DLH
APPROVED:	NET

gai consultants - NC, inc.  
 4198 COX ROAD  
 SUITE 114  
 GLEN ALLEN, VA 23060  
 804-270-9357  
 N.C. COL #0269

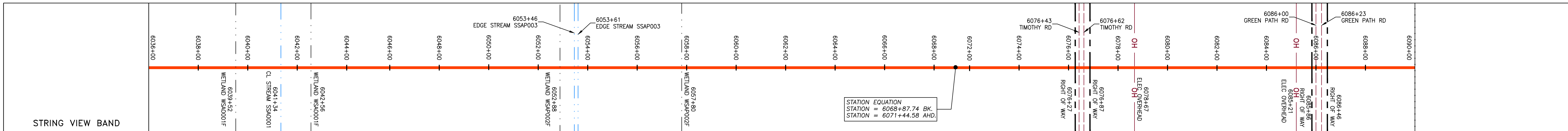
PROJECT NO./DASH NO.	140468
TASK NO. SUB TASK NO.	005 00
GROUP ID DRAWING NO.	D E123
123 OF 189	



Parcel I.D.	Area / Feature	Area / Feature	Area / Feature	Area / Feature	Area / Feature
LL-21-020 PARCEL I.D. # 14045400001 313 LF	LL-21-021 PARCEL I.D. # 14045297507 340 LF	LL-21-023 PARCEL I.D. # 14018379801 46 LF	LL-21-024 PARCEL I.D. # 14078534001 780 LF	LL-21-022 PARCEL I.D. # 14012126001 93 LF	LL-21-025 PARCEL I.D. # 14028674001 2235 LF
LL-21-025 PARCEL I.D. # 14028674001 899 LF	LL-21-027 PARCEL I.D. # 14003400902 ROW ONLY 2335 SF	LL-21-025 PARCEL I.D. # 14028674001 2848 LF			



PIPE SPECIFICATION



**LEGEND**

PROPERTY LINE	UNDERGROUND ELECTRIC	EXTRA WORK SPACE	TOPSOIL SEGREGATION AREA
FENCE	WATER LINE	AREA OF NO DISTURBANCE	PROPOSED TEMPORARY R.O.W.
STREAM	SANITARY SEWER	WETLAND (EDGE SHOWN TO PROVIDE CLARITY ONLY)	UTILITY POLE
EXISTING GAS PIPELINE	EDGE OF GRAVEL	PERMANENT WATERBAR/SLOPE BREAKER	LIMIT OF DISTURBANCE
OVERHEAD UTILITY LINES	PROPOSED PERMANENT EASEMENT	TEMPORARY WATERBAR/SLOPE BREAKER	BELTED SILT RETENTION FENCE (BSRF)
ACCESS ROAD	PROPOSED GAS PIPELINE (NO GROUND SURVEY)	TRENCH BREAKER/PLUG	COIR LOG
PROPOSED GAS PIPELINE		STREAM CROSSING	COMPOST FILTER SOCK
		USFWS STREAM CROSSING WITH ENHANCED CONTROLS	ORANGE SAFETY FENCE
		CONSTRUCTION ENTRANCE WITH DITCH	ROADSIDE DITCH
		CULVERT/WATERBAR	SOIL TYPE (CuB)

**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 FROM LIDAR DATA AND GPS SUB-METER GROUND SURVEY PERFORMED BY GAI CONSULTANTS, INC FROM 11-03-2014 THRU 11-07-2014.
- IMAGERY TAKEN FROM GOOGLE EARTH.
- THE PROPERTY LINES SHOWN ARE BASED ON GIS & TAX ASSESSMENT RECORDS (PROVIDED BY OTHERS). GAI CONSULTANTS MAKE NO GUARANTEE EITHER EXPRESSED OR IMPLIED AS TO THE ACCURACY OF THE RECORDS AS SHOWN ON THESE DRAWINGS.
- STREAM AND WETLAND DATA SHOWN ON THE DRAWINGS WAS PROVIDED BY ERM.
- EROSION AND SEDIMENTATION CONTROL ELEMENTS MAY BE SHOWN OUTSIDE OF THE WORK AREAS ONLY. ACTUAL INSTALLATION SHALL BE WITHIN THE WORK AREAS.
- ALL STATIONING SHOWN IS SLOPE STATIONING.
- SILT FENCE AND FILTER SOCK SHALL BE INSTALLED PARALLEL TO CONTOUR TO EXTENT PRACTICABLE IN ACCORDANCE WITH STANDARD DETAIL.
- ACCESS ROADS HAVE BEEN GROUPED INTO FOUR CATEGORIES - 1) EXISTING ROADS NO IMPROVEMENTS, 2) EXISTING ROADS MINOR IMPROVEMENTS, 3) EXISTING ROADS MAJOR IMPROVEMENTS AND 4) NEW ROADS. APPROPRIATE EROSION AND SEDIMENT CONTROLS WILL BE PROVIDED FOR ROADS IN CATEGORIES 2, 3 AND 4. ROADS IN CATEGORIES 1 AND 2 HAVE ADEQUATE EXISTING DRAINAGE FEATURES WILL BE PROVIDED FOR ROADS IN CATEGORIES 3 AND 4.
- ERM IS SOLELY RESPONSIBLE FOR THE NATURE AND LOCATION OF THE DEPICTED BMPs AS OF THE DATE SIGNED AND SEALED BASED ON THE SOURCE DATA PROVIDED AND AS DESCRIBED IN THE NOTES SECTION OF THE INDEX SHEET OF THIS PLAN SET.

NOTE: THE PE SEAL AND SIGNATURE APPLIES ONLY TO THE E&S CONTROL DESIGN COMPLETED BY ERM (SEE NOTE 10).

NO.	DATE	DWN.	CHKD.	APPD.	DESCRIPTION

**36" AP-2 PIPELINE**  
CONSTRUCTION ALIGNMENT STA 6036+00 TO 6090+00  
SAMPSON COUNTY, NORTH CAROLINA

**ATLANTIC COAST PIPELINE, LLC**  
C/O DOMINION TRANSMISSION, INC.  
925 WHITE OAKS BLVD., BRIDGEPORT, WV 26330

SCALE: AS SHOWN  
DATE: 06/09/17  
DRAWN: GPT  
CHECKED: DLH  
APPROVED: NET

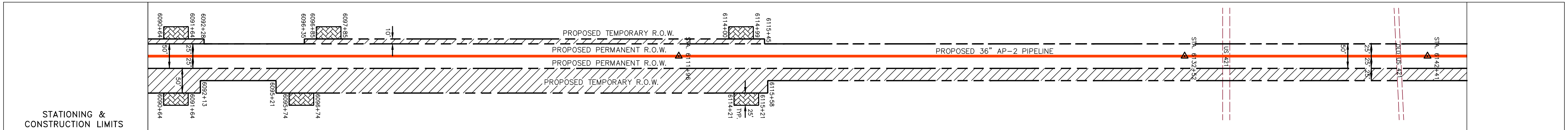
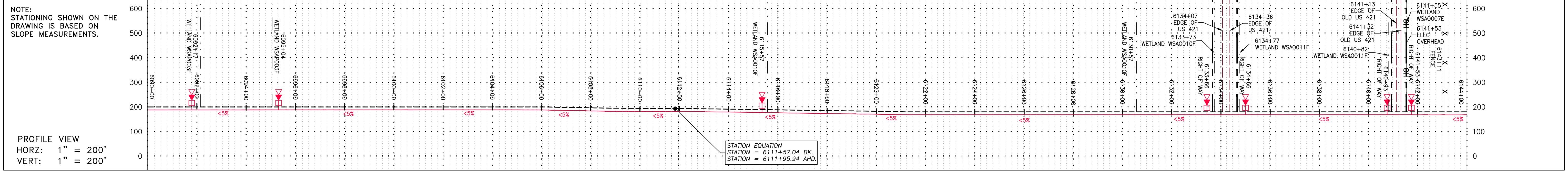
gai consultants - NC, inc.  
4198 COX ROAD  
SUITE 114  
GLEN ALLEN, VA 23060  
804-270-9357  
N.C. COL #--0269

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

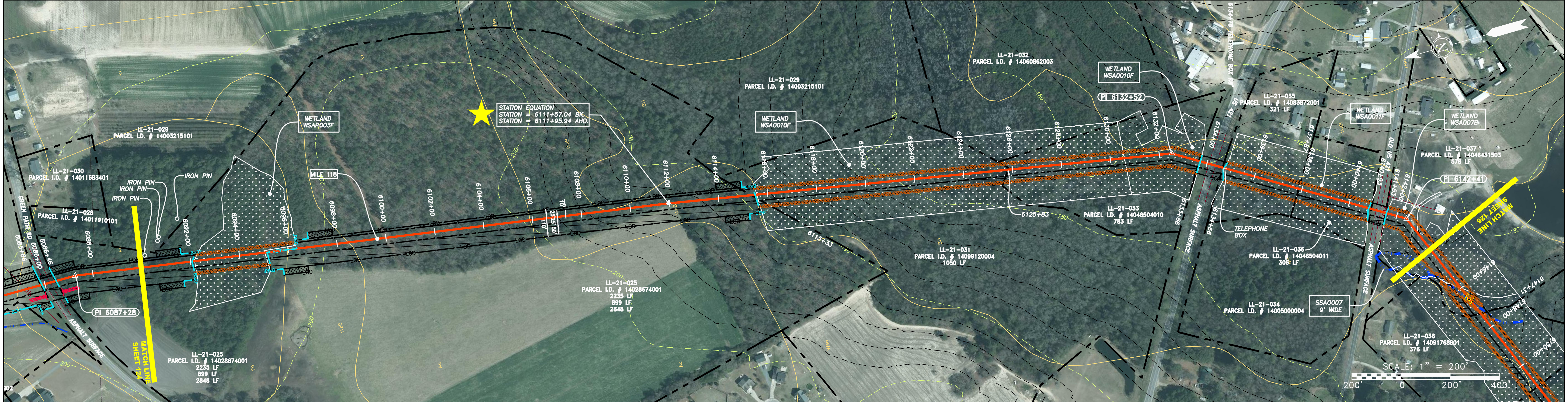
TASK NO. SUB TASK NO.  
**005 00**

GROUP ID DRAWING NO.  
**D E124**

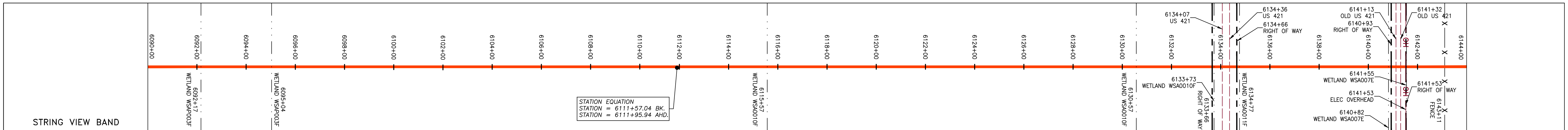
**124 OF 189**



PROPERTY OWNERSHIP
LL-21-025 PARCEL I.D. # 14028674001 2848 LF
LL-21-031 PARCEL I.D. # 14099120004 1050 LF
LL-21-033 PARCEL I.D. # 14046504010 785 LF
LL-21-035 PARCEL I.D. # 14083872001 321 LF
LL-21-036 PARCEL I.D. # 14046504011 306 LF
LL-21-037 PARCEL I.D. # 14048431503 578 LF



PIPE SPECIFICATION
36" AP-2 PIPELINE



### LEGEND

PROPERTY LINE	UNDERGROUND ELECTRIC	EXTRA WORK SPACE	TOPSOIL SEGREGATION AREA
FENCE	WATER LINE	AREA OF NO DISTURBANCE	PROPOSED TEMPORARY R.O.W.
STREAM	SANITARY SEWER	WETLAND <small>(COLOR SHOWN TO PROVIDE CLARITY ONLY)</small>	UTILITY POLE
EXISTING GAS PIPELINE	EDGE OF GRAVEL	<b>NOTE: THE PE SEAL AND SIGNATURE APPLIES ONLY TO THE E&amp;S CONTROL DESIGN COMPLETED BY ERM (SEE NOTE 10).</b>	
OVERHEAD UTILITY LINES	PROPOSED PERMANENT EASEMENT	PERMANENT WATERBAR/SLOPE BREAKER	TEMPORARY WATERBAR/SLOPE BREAKER
ACCESS ROAD	PROPOSED GAS PIPELINE (NO GROUND SURVEY)	TRENCH BREAKER/PLUG	STREAM CROSSING
PROPOSED GAS PIPELINE		USFWS STREAM CROSSING WITH ENHANCED CONTROLS	CONSTRUCTION ENTRANCE WITH DITCH
		CULVERT WATERBAR	

### 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 FROM LIDAR DATA AND GPS SUB-METER GROUND SURVEY PERFORMED BY GAI CONSULTANTS, INC. FROM 11-03-2014 THRU 11-07-2014.
- IMAGERY TAKEN FROM GOOGLE EARTH.
- THE PROPERTY LINES SHOWN ARE BASED ON GIS & TAX ASSESSMENT RECORDS (PROVIDED BY OTHERS). GAI CONSULTANTS MAKE NO GUARANTEE EITHER EXPRESSED OR IMPLIED AS TO THE ACCURACY OF THE RECORDS AS SHOWN ON THESE DRAWINGS.
- STREAM AND WETLAND DATA SHOWN ON THE DRAWINGS WAS PROVIDED BY ERM.
- EROSION AND SEDIMENTATION CONTROL ELEMENTS MAY BE SHOWN OUTSIDE OF THE WORK AREAS FOR CLARITY ONLY. ACTUAL INSTALLATION SHALL BE WITHIN THE WORK AREAS.
- ALL STATIONING SHOWN IS SLOPE STATIONING.
- SILT FENCE AND FILTER SOCK SHALL BE INSTALLED PARALLEL TO CONTOUR TO EXTENT PRACTICABLE IN ACCORDANCE WITH STANDARD DETAIL.
- ACCESS ROADS HAVE BEEN GROUPED INTO FOUR CATEGORIES - 1) EXISTING ROADS NO IMPROVEMENTS, 2) EXISTING ROADS MINOR IMPROVEMENTS, 3) EXISTING ROADS MAJOR IMPROVEMENTS AND 4) NEW ROADS. APPROPRIATE EROSION AND SEDIMENT CONTROLS WILL BE PROVIDED FOR ROADS IN CATEGORIES 2, 3 AND 4. ROADS IN CATEGORIES 1 AND 2 HAVE ADEQUATE EXISTING DRAINAGE FEATURES WILL BE PROVIDED FOR ROADS IN CATEGORIES 3 AND 4.
- ERM IS SOLELY RESPONSIBLE FOR THE NATURE AND LOCATION OF THE DEPICTED BMPs AS OF THE DATE SIGNED AND SEALED BASED ON THE SOURCE DATA PROVIDED AND AS DESCRIBED IN THE NOTES SECTION OF THE INDEX SHEET OF THIS PLAN SET.

NO.	DATE	APPD.	CHKD.	DESCRIPTION

**36" AP-2 PIPELINE**  
CONSTRUCTION ALIGNMENT STA 6090+00 TO 6144+00

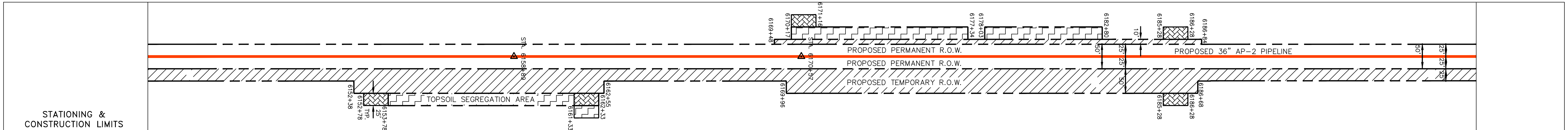
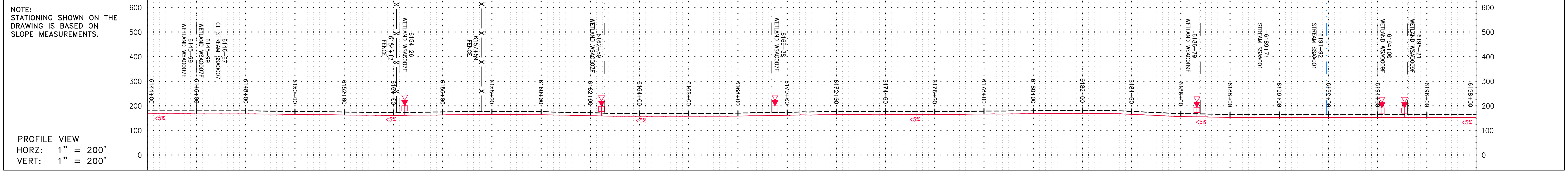
SAMPSON COUNTY, NORTH CAROLINA

**ATLANTIC COAST PIPELINE, LLC**  
C/O DOMINION TRANSMISSION, INC.  
925 WHITE OAKS BLVD., BRIDGEPORT, WV 26330

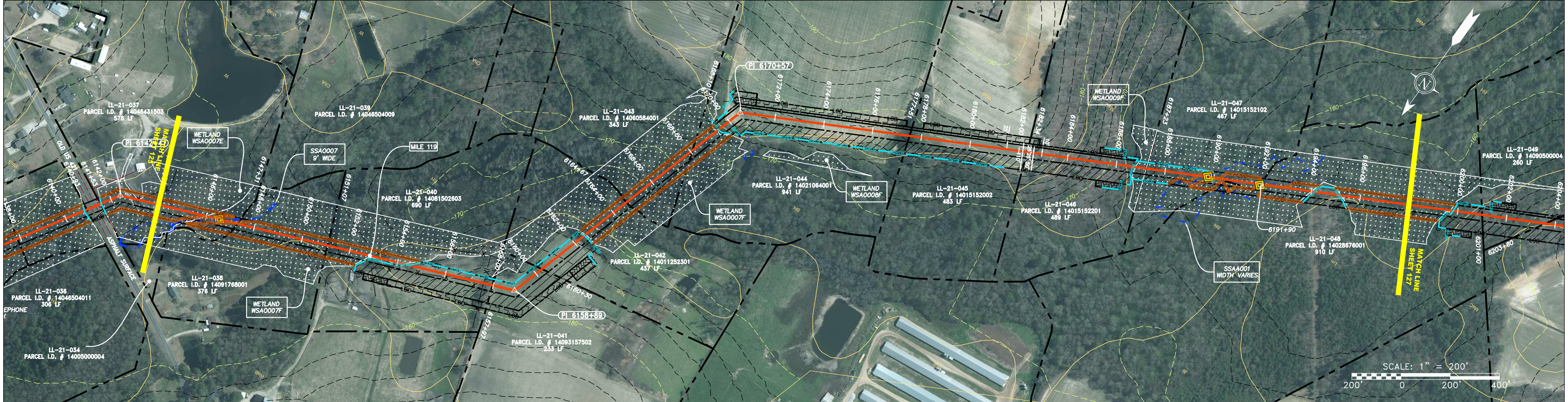
SCALE: AS SHOWN  
DATE: 06/09/17  
DRAWN: GPT  
CHECKED: DLH  
APPROVED: NET

gai consultants - NC, inc.  
4198 COX ROAD  
SUITE 114  
GLEN ALLEN, VA 23060  
804-270-9357  
N.C. COL #0269

PROJECT NO./DASH NO.	<b>140468</b>	
TASK NO.	005	00
GROUP ID	D	E125
125	OF	189

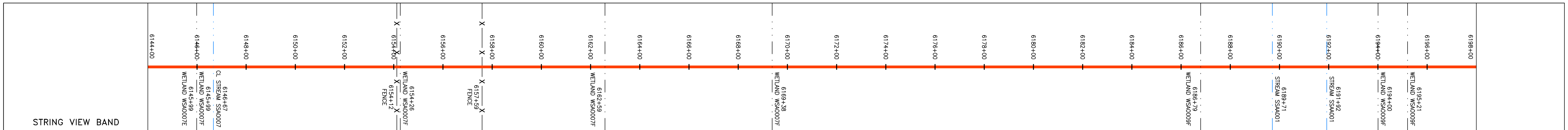


Stationing	Parcel I.D.	Parcel Area (LF)
6144+00	LL-21-037	378 LF
6147+31	LL-21-038	14091768001 376 LF
6151+07	LL-21-040	14081502603 690 LF
6157+97	LL-21-041	14093157502 233 LF
6162+30	LL-21-042	14011252301 437 LF
6164+67	LL-21-043	14060584001 343 LF
6168+10	LL-21-044	14021064001 941 LF
6172+43	LL-21-045	14015152002 483 LF
6177+15	LL-21-046	14015152201 489 LF
6182+34	LL-21-047	14015152102 467 LF
6187+23	LL-21-048	14015152102 467 LF
6191+90	LL-21-049	14028676001 910 LF
6196+00	LL-21-048	14028676001 910 LF



PIPE SPECIFICATION

Stationing	Notes
6144+00	CL STA 6148+57
6144+00	WETLAND WSA0007E
6144+00	WETLAND WSA0007F
6144+00	WETLAND WSA0007E
6151+07	WETLAND WSA0007E
6151+07	WETLAND WSA0007F
6151+07	WETLAND WSA0007E
6157+97	WETLAND WSA0007E
6157+97	WETLAND WSA0007F
6157+97	WETLAND WSA0007E
6162+30	WETLAND WSA0007E
6162+30	WETLAND WSA0007F
6162+30	WETLAND WSA0007E
6164+67	WETLAND WSA0007E
6164+67	WETLAND WSA0007F
6164+67	WETLAND WSA0007E
6168+10	WETLAND WSA0007E
6168+10	WETLAND WSA0007F
6168+10	WETLAND WSA0007E
6172+43	WETLAND WSA0007E
6172+43	WETLAND WSA0007F
6172+43	WETLAND WSA0007E
6177+15	WETLAND WSA0007E
6177+15	WETLAND WSA0007F
6177+15	WETLAND WSA0007E
6182+34	WETLAND WSA0007E
6182+34	WETLAND WSA0007F
6182+34	WETLAND WSA0007E
6187+23	WETLAND WSA0007E
6187+23	WETLAND WSA0007F
6187+23	WETLAND WSA0007E
6191+90	WETLAND WSA0007E
6191+90	WETLAND WSA0007F
6191+90	WETLAND WSA0007E
6196+00	WETLAND WSA0007E
6196+00	WETLAND WSA0007F
6196+00	WETLAND WSA0007E



**LEGEND**

— X — X —	PROPERTY LINE	— F — F —	FENCE	— W — W —	WATER LINE	— G — G —	EXISTING GAS PIPELINE	— OH — OH —	OVERHEAD UTILITY LINES	— A — A —	ACCESS ROAD	— P — P —	PROPOSED GAS PIPELINE (NO GROUND SURVEY)
— E — E —	UNDERGROUND ELECTRIC	— W — W —	WATER LINE	— S — S —	SANITARY SEWER	— G — G —	EDGE OF GRAVEL	— P — P —	PROPOSED PERMANENT EASEMENT	— P — P —	PROPOSED GAS PIPELINE (NO GROUND SURVEY)	— X — X —	EXTRA WORK SPACE
— W — W —	WATER LINE	— S — S —	SANITARY SEWER	— G — G —	EDGE OF GRAVEL	— P — P —	PROPOSED PERMANENT EASEMENT	— P — P —	PROPOSED GAS PIPELINE (NO GROUND SURVEY)	— X — X —	EXTRA WORK SPACE	— W — W —	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)
— S — S —	SANITARY SEWER	— G — G —	EDGE OF GRAVEL	— P — P —	PROPOSED PERMANENT EASEMENT	— P — P —	PROPOSED GAS PIPELINE (NO GROUND SURVEY)	— X — X —	EXTRA WORK SPACE	— W — W —	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)	— W — W —	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)
— G — G —	EDGE OF GRAVEL	— P — P —	PROPOSED PERMANENT EASEMENT	— P — P —	PROPOSED GAS PIPELINE (NO GROUND SURVEY)	— X — X —	EXTRA WORK SPACE	— W — W —	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)	— W — W —	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)	— W — W —	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)
— P — P —	PROPOSED PERMANENT EASEMENT	— P — P —	PROPOSED GAS PIPELINE (NO GROUND SURVEY)	— X — X —	EXTRA WORK SPACE	— W — W —	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)	— W — W —	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)	— W — W —	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)	— W — W —	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)
— X — X —	EXTRA WORK SPACE	— W — W —	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)	— W — W —	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)	— W — W —	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)	— W — W —	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)	— W — W —	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)	— W — W —	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)
— W — W —	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)	— W — W —	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)	— W — W —	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)	— W — W —	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)	— W — W —	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)	— W — W —	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)	— W — W —	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)

**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 FROM LIDAR DATA AND GPS SUB-METER GROUND SURVEY PERFORMED BY GAI CONSULTANTS, INC. FROM 11-03-2014 THRU 11-07-2014.
- IMAGERY TAKEN FROM GOOGLE EARTH.
- THE PROPERTY LINES SHOWN ARE BASED ON GIS & TAX ASSESSMENT RECORDS (PROVIDED BY OTHERS). GAI CONSULTANTS MAKE NO GUARANTEE EITHER EXPRESSED OR IMPLIED AS TO THE ACCURACY OF THE RECORDS AS SHOWN ON THESE DRAWINGS.
- STREAM AND WETLAND DATA SHOWN ON THE DRAWINGS WAS PROVIDED BY ERM.
- EROSION AND SEDIMENTATION CONTROL ELEMENTS MAY BE SHOWN OUTSIDE OF THE WORK AREAS FOR CLARITY ONLY. ACTUAL INSTALLATION SHALL BE WITHIN THE WORK AREAS.
- ALL STATIONING SHOWN IS SLOPE STATIONING.
- SILT FENCE AND FILTER SOCK SHALL BE INSTALLED PARALLEL TO CONTOUR TO EXTENT PRACTICABLE IN ACCORDANCE WITH STANDARD DETAIL.
- ACCESS ROADS HAVE BEEN GROUPED INTO FOUR CATEGORIES - 1) EXISTING ROADS NO IMPROVEMENTS, 2) EXISTING ROADS MINOR IMPROVEMENTS, 3) EXISTING ROADS MAJOR IMPROVEMENTS AND 4) NEW ROADS. APPROPRIATE EROSION AND SEDIMENT CONTROLS WILL BE PROVIDED FOR ROADS IN CATEGORIES 2, 3 AND 4. ROADS IN CATEGORIES 1 AND 2 HAVE ADEQUATE EXISTING DRAINAGE FEATURES WILL BE PROVIDED FOR ROADS IN CATEGORIES 3 AND 4.
- ERM IS SOLELY RESPONSIBLE FOR THE NATURE AND LOCATION OF THE DEPICTED BMPs AS OF THE DATE SIGNED AND SEALED BASED ON THE SOURCE DATA PROVIDED AND AS DESCRIBED IN THE NOTES SECTION OF THE INDEX SHEET OF THIS PLAN SET.

REVISIONS

NO.	DATE	DWN.	CHKD.	APPD.	DESCRIPTION

36" AP-2 PIPELINE  
CONSTRUCTION ALIGNMENT STA 6144+00 TO 6198+00  
SAMPSON COUNTY, NORTH CAROLINA

ATLANTIC COAST PIPELINE, LLC  
C/O DOMINION TRANSMISSION, INC.  
925 WHITE OAKS BLVD., BRIDGEPORT, WV 26330

SCALE: AS SHOWN

DATE: 06/09/17

DRAWN: GPT

CHECKED: DLH

APPROVED: NET

gai consultants - NC, inc.  
4198 COX ROAD  
SUITE 114  
GLEN ALLEN, VA 23060  
804-270-9357  
N.C. COL #0269

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

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

GROUP ID DRAWING NO.  
**D E126**

**126 OF 189**