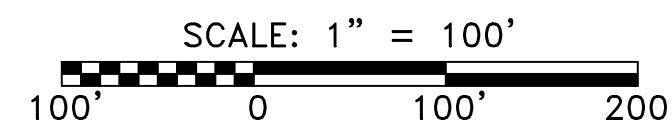
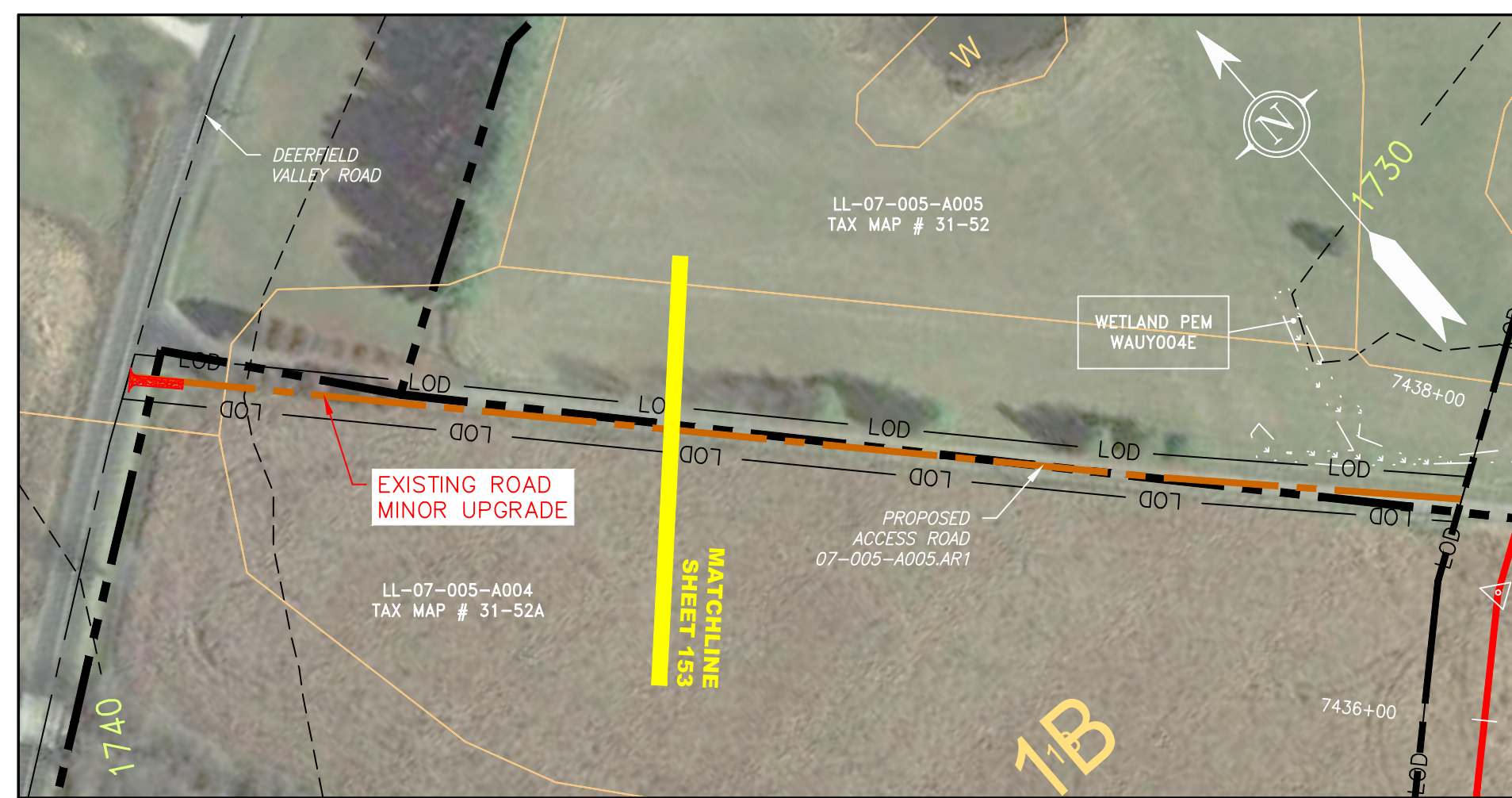
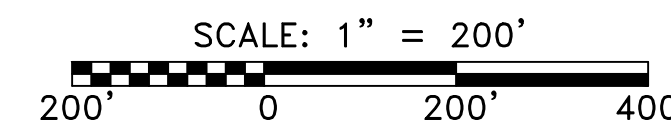
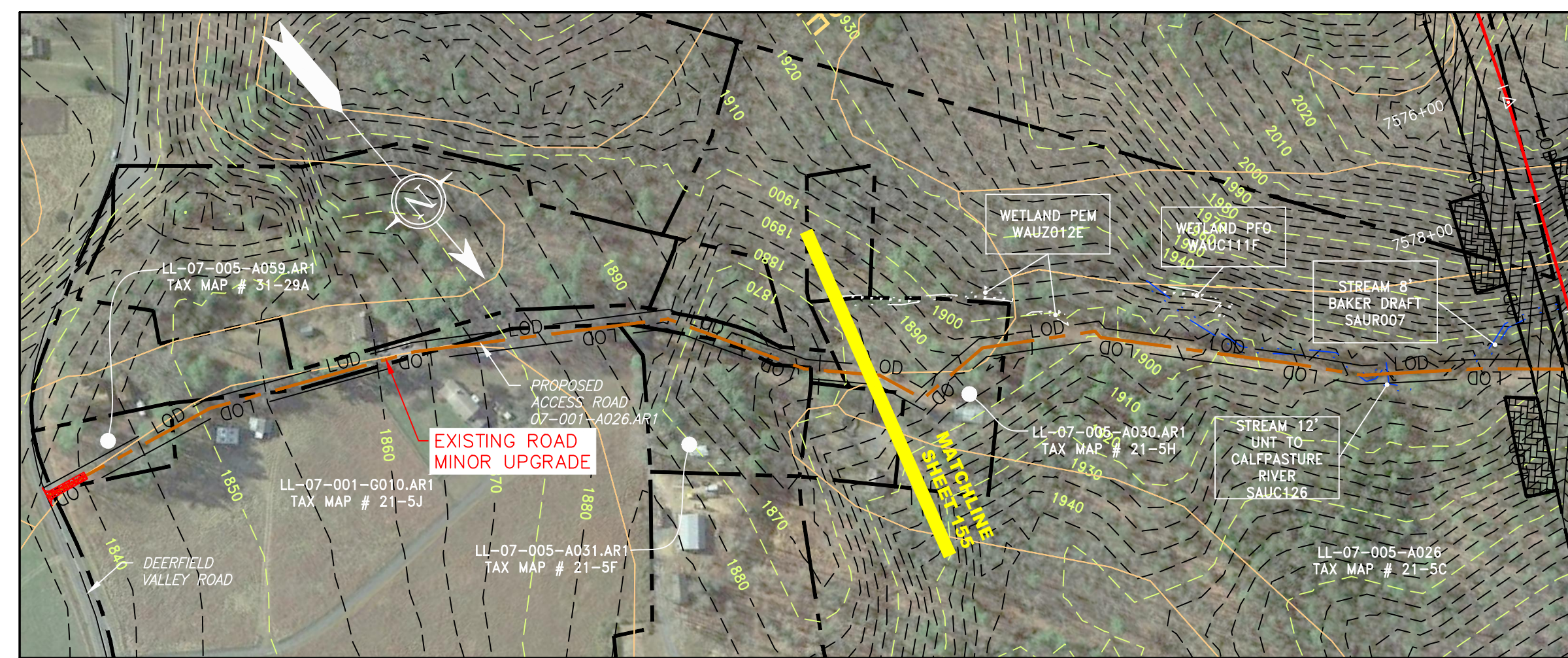


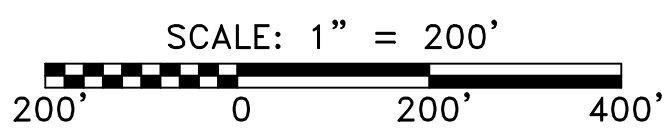
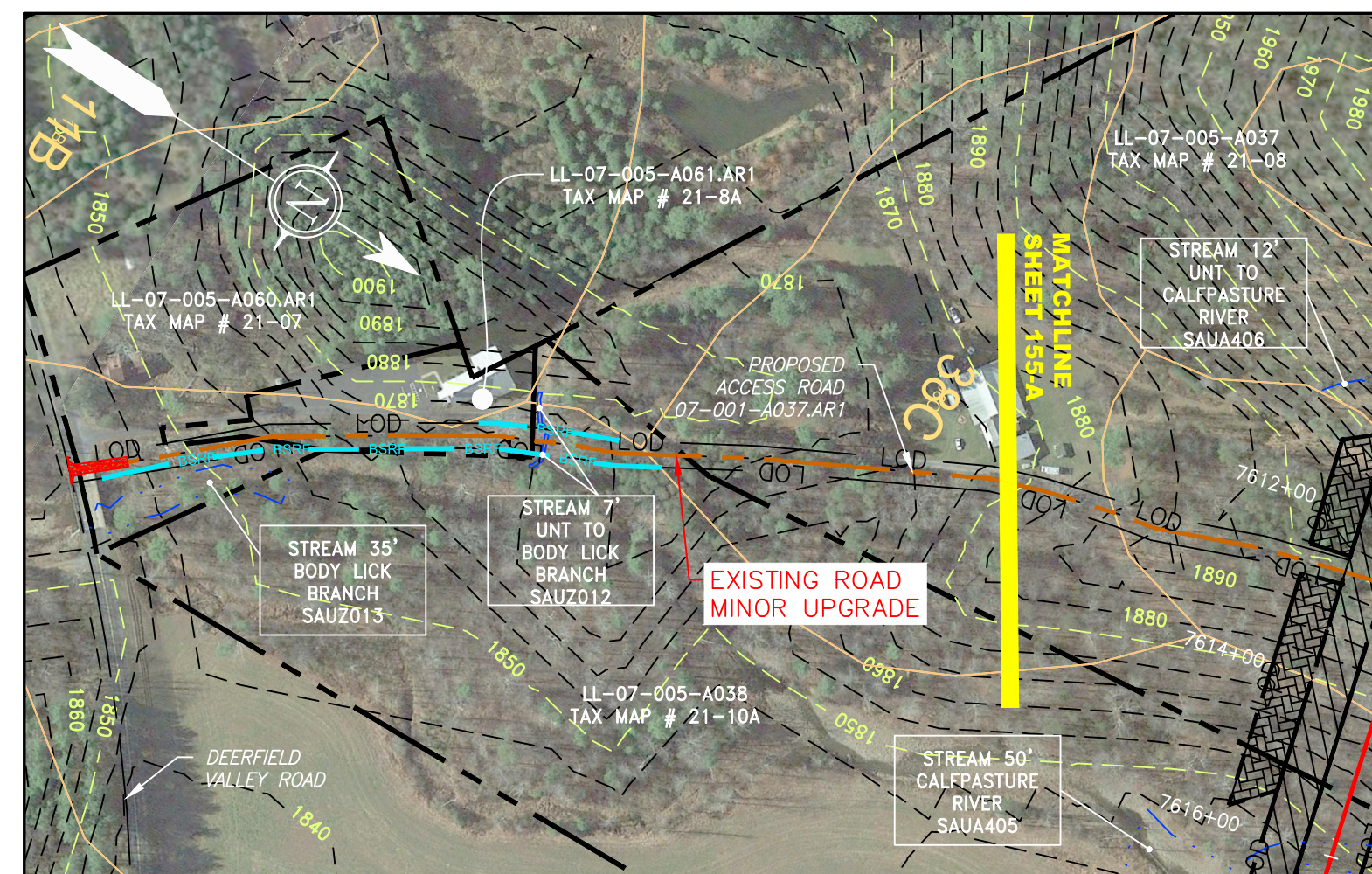
ACCESS ROAD DETAIL
07-001-F029.AR1



ACCESS ROAD DETAIL
07-005-A005.AR1



ACCESS ROAD DETAIL
07-001-A026.AR1



ACCESS ROAD DETAIL
07-001-A037.AR1

LEGEND

<ul style="list-style-type: none"> PROPERTY LINE STORM SEWER UNDERGROUND ELECTRIC WATER LINE SANITARY SEWER EDGE OF GRAVEL PROPOSED PERMANENT EASEMENT PROPOSED GAS PIPELINE PROPOSED GAS PIPELINE (NO GROUND SURVEY) 	<ul style="list-style-type: none"> EXTRA WORK SPACE TOPSOIL SEGREGATION AREA AREA OF NO DISTURBANCE WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY) UTILITY POLE 	<ul style="list-style-type: none"> PERMANENT WATERBAR/SLOPE BREAKER TEMPORARY WATERBAR/SLOPE BREAKER TRENCH BREAKER/PLUG STREAM CROSSING USFWS STREAM CROSSING WITH ENHANCED CONTROLS SEEP SLOPE DIRECTION CONSTRUCTION ENTRANCE WITH DITCH CULVERT AS NEEDED CULVERT WATERBAR 	<ul style="list-style-type: none"> LIMIT OF DISTURBANCE BELTED SILT RETENTION FENCE (BSRF) COMPOST FILTER SOCK SEDIMENT BARRIER IDENTIFICATION C 111.001 CULVERT IDENTIFICATION ORANGE SAFETY FENCE ROADSIDE DITCH SOIL TYPE TYPICAL BIG SLOPE CATEGORY SLOPE INCLINATION
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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 FROM LIDAR DATA AND GPS SUB-METER GROUND SURVEY PERFORMED BY GAI CONSULTANTS, INC FROM 11-03-2014 THRU 11-07-2014.
3. IMAGERY TAKEN FROM GOOGLE EARTH.
4. 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.
5. STREAM AND WETLAND DATA SHOWN ON THE DRAWINGS WAS PROVIDED BY ERM.
6. EROSION AND SEDIMENTATION CONTROL ELEMENTS MAY BE SHOWN OUTSIDE OF THE WORK AREAS FOR CLARITY ONLY. ACTUAL INSTALLATION SHALL BE WITHIN THE WORK AREAS.
7. ALL STATIONING SHOWN IS SLOPE STATIONING.
8. SILT FENCE AND FILTER SOCK SHALL BE INSTALLED PARALLEL TO AND EXTEND PRACTICABLE IN ACCORDANCE WITH STANDARD DETAIL.
9. 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 CONTROLS WILL BE PROVIDED FOR ROADS IN CATEGORIES 2, 3 AND 4. ROADS IN CATEGORIES 1 AND 2 HAVE ADEQUATE EXISTING DRAINAGE; DRAINAGE FEATURES WILL BE PROVIDED FOR ROADS IN CATEGORIES 3 AND 4.
10. ERM IS SOLELY RESPONSIBLE FOR THE NATURE AND LOCATION OF THE DEPICTED BIMPS 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.
11. THE CONSTRUCTION RIGHT-OF-WAY (ROW) WILL BE RESTORED TO PRE-CONSTRUCTION CONTOURS IN ACCORDANCE WITH SECTION V.5 FEDERAL ENERGY REGULATORY COMMISSION (FERC) UPLAND EROSION CONTROL, REVEGETATION, AND MAINTENANCE PLAN, SECTION V.5. IN ADDITION, WETLAND AND WATERBODY CROSSINGS WILL BE RESTORED TO PRE-CONSTRUCTION CONTOURS IN ACCORDANCE WITH NATIONWIDE PERMIT 12 (NWP) ISSUED BY THE U.S. CORPS OF ENGINEERS.

NO.	DATE	DWN.	CHKD.	APPD.	DESCRIPTION
ERM Environmental Resources Management, Inc. 925 WHITE OAKS BOULEVARD, BRIDGEPORT, WV 26330					

42" AP-1 PIPELINE ACCESS ROAD DETAIL AUGUSTA COUNTY, VIRGINIA ATLANTIC COAST PIPELINE, LLC C/O DOMINION TRANSMISSION, INC. 925 WHITE OAKS BOULEVARD, BRIDGEPORT, WV 26330	SCALE: AS SHOWN DATE: 06/01/17 DRAWN: CJF CHECKED: DLH APPROVED: NET
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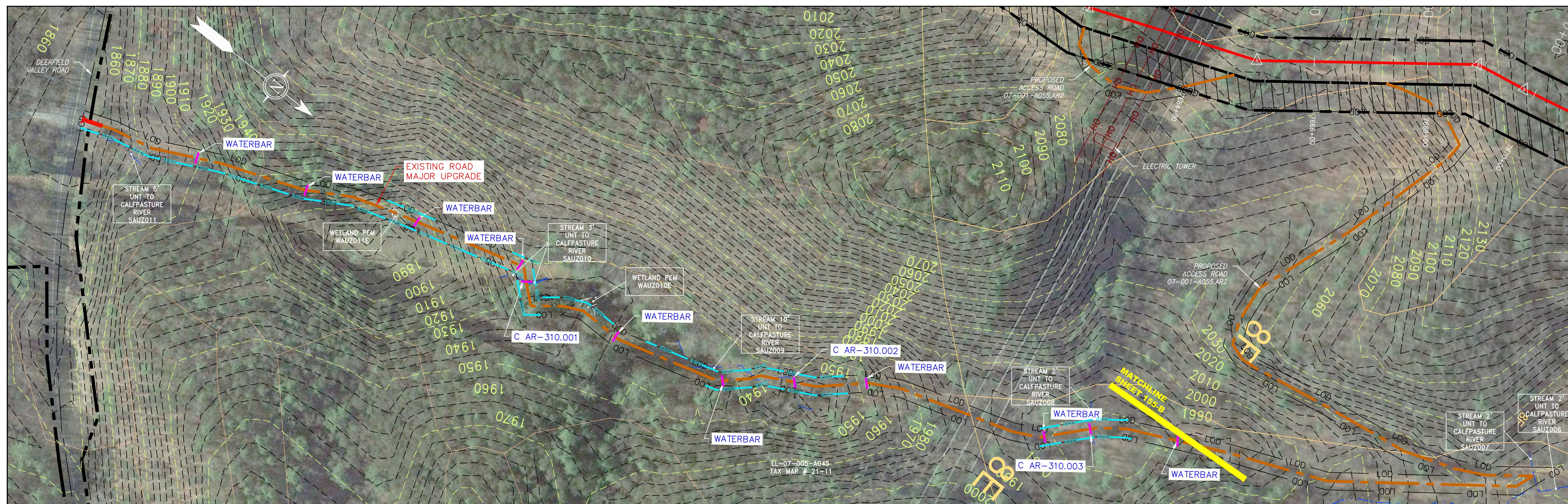
SOUTHPOINT OFFICE
6000 TOWN CENTER BLVD.
SUITE 300 EAST
CANONSBURG, PA 15317
724-873-3545

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. AR-309
AR-309	

6/6/2017 9:30 AM

G:\CONSULTANTS\LOCAL\BUPROJ\ENERGY\2014\C140468.00 - DOMINION - SOUTHEAST PIPE\CAD\MON FOREST\ROUTE\DWG\..._PREVIOUS FERC FILING DWGS..._ALIGNMENT SHEETS\C140468-00-000-00-E-AR-309-AR-310.DWG



SCALE: 1" = 100'
 100' 0 100' 200'
 ACCESS ROAD DETAIL
 07-001-A055.AR2

LEGEND

- | | | | | | | | | | | | |
|-----------|------------------------|---------|------------------------------------------|---------------|-----------------------------------------------|---------------|---------------------------|---|----------------------------------------|-----------------|------------------------------------|
| — X — X — | PROPERTY LINE | — E — | STORM SEWER | [Hatched Box] | EXTRA WORK SPACE | [Hatched Box] | TOPSOIL SEGREGATION AREA | ▼ | PERMANENT WATERBAR/SLOPE BREAKER | — LOD — | LIMIT OF DISTURBANCE |
| — W — | UNDERGROUND ELECTRIC | — W — | WATER LINE | [Dotted Box] | AREA OF NO DISTURBANCE | [Hatched Box] | PROPOSED TEMPORARY R.O.W. | ▽ | TEMPORARY WATERBAR/SLOPE BREAKER | — BSFP — BSFP — | BELTED SILT RETENTION FENCE (BSRF) |
| — G — G — | EXISTING GAS PIPELINE | — SAN — | SANITARY SEWER | [Green Box] | WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY) | ⊙ | UTILITY POLE | ◊ | TRENCH BREAKER/PLUG | 111.03 | COMPOST FILTER SOCK |
| — OH — | OVERHEAD UTILITY LINES | — | EDGE OF GRAVEL | | | | | ◊ | STREAM CROSSING WITH ENHANCED CONTROLS | C 111.001 | SEDIMENT BARRIER IDENTIFICATION |
| — | ACCESS ROAD | — | PROPOSED PERMANENT EASEMENT | | | | | ◊ | USFWS STREAM CROSSING | — | CULVERT IDENTIFICATION |
| — | PROPOSED GAS PIPELINE | — | PROPOSED GAS PIPELINE (NO GROUND SURVEY) | | | | | ◊ | SEEP | — | ORANGE SAFETY FENCE |
| | | | | | | | | ◊ | SLOPE DIRECTION | — | ROADSIDE DITCH |
| | | | | | | | | ◊ | CONSTRUCTION ENTRANCE WITH DITCH | — | SOIL TYPE |
| | | | | | | | | ◊ | CULVERT AS NEEDED | — | TYPICAL BIG SLOPE CATEGORY |
| | | | | | | | | ◊ | CULVERT WATERBAR | — | SLOPE INCLINATION |

- 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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 - IMAGERY TAKEN FROM GOOGLE EARTH.
 - THE WORK AREAS FOR CLARITY ONLY. ACTUAL INSTALLATION SHALL BE WITHIN THE WORK AREAS.
 - 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.
 - 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.
 - BEST IN CLASS (BIC) STEEP SLOPE CATEGORY INFORMATION CAN BE FOUND IN THE APPENDIX OF THE STORMWATER POLLUTION PREVENTION PLAN.
 - 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 CONTROLS WILL BE PROVIDED FOR ROADS IN CATEGORIES 2, 3 AND 4. ROADS IN CATEGORIES 1 AND 2 HAVE ADEQUATE EXISTING DRAINAGE; DRAINAGE FEATURES WILL BE PROVIDED FOR ROADS IN CATEGORIES 3 AND 4.
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 - THE CONSTRUCTION RIGHT-OF-WAY (ROW) WILL BE RESTORED TO PRE-CONSTRUCTION CONTOURS IN ACCORDANCE WITH SECTION V.4.5 FEDERAL ENERGY REGULATORY COMMISSION (FERC) UPLAND EROSION CONTROL, REVEGETATION, AND MAINTENANCE PLAN, SECTION V.4.5. IN ADDITION, WETLAND AND WATERBODY CROSSINGS WILL BE RESTORED TO PRE-CONSTRUCTION CONTOURS IN ACCORDANCE WITH NATIONWIDE PERMIT 12 (NWP) ISSUED BY THE U.S. CORPS OF ENGINEERS.

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ATLANTIC COAST PIPELINE, LLC C/O DOMINION TRANSMISSION, INC. 925 WHITE OAKS BOULEVARD, BRIDGEPORT, WV 26330	
SCALE:	AS SHOWN
DATE:	06/01/17
DRAWN:	CJF
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SOUTHPOINT 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.	AR-310
AR-310	
REVISIONS	