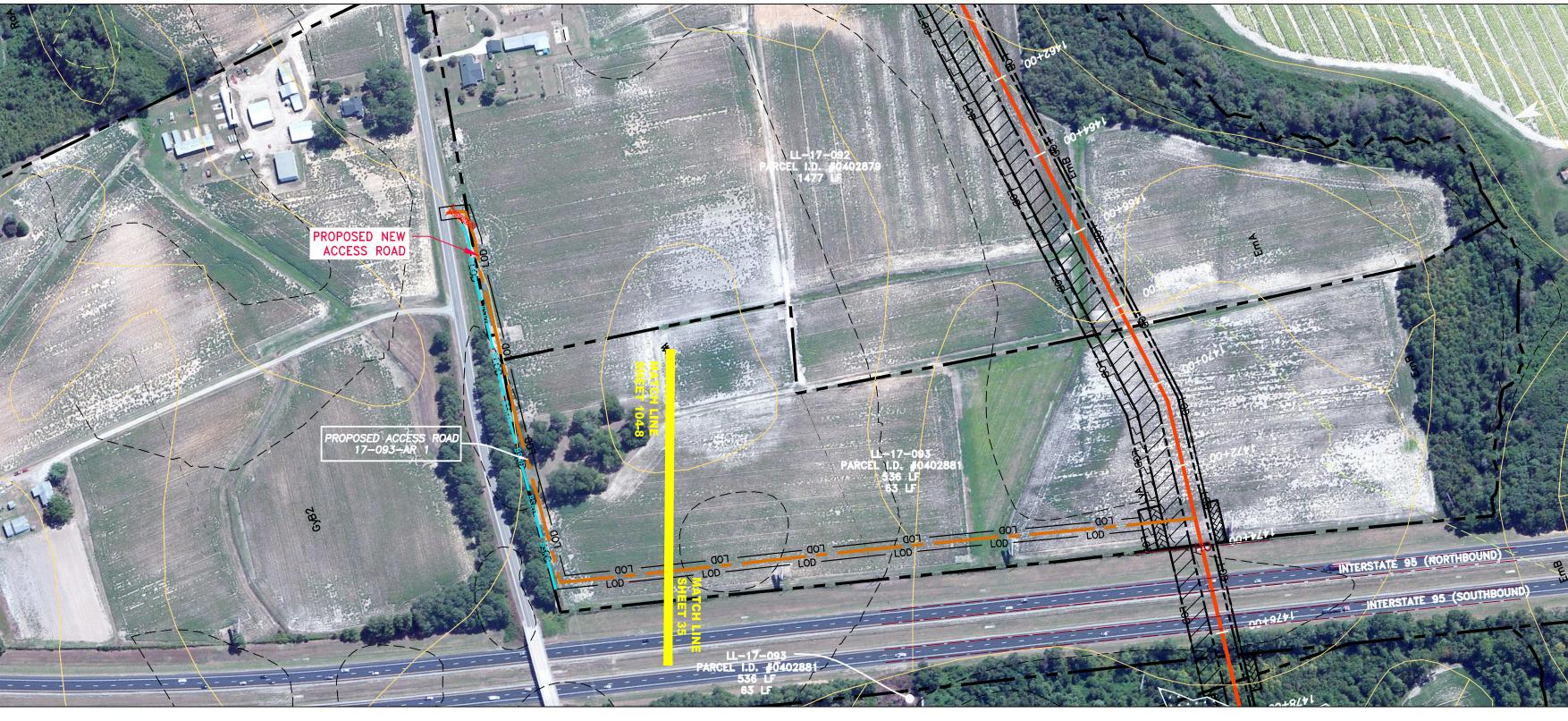


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PROPERTY LINE – — — — — — — – STORM SEWER - FENCE - STREAM — EXISTING GAS PIPELINE - OVERHEAD UTILITY LINES ACCESS ROAD ----- - PROPOSED PERMANENT EASEMENT 💻 PROPOSED GAS PIPELINE 💻 💻 🚥 💻 PROPOSED GAS PIPELINE (NO GROUND SURVEY)

UNDERGROUND ELECTRIC ------- SAN------- SANITARY SEWER EDGE OF GRAVEL



WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)

> NOTE: THE PE SEAL AND SIGNATURE APPLIES ONLY TO THE E&S CONTROL DESIGN COMPLETED BY ERM (SEE NOTE 12).

ACCESS ROAD DETAIL 7

ACCESS ROAD DETAIL 8

TOPSOIL SEGREGATION AREA PROPOSED TEMPORARY R.O.W.  $\bigotimes$  $\diamond$ UTILITY POLE Ø

**V** PERMANENT WATERBAR/SLOPE BREAKER TEMPORARY WATERBAR/SLOPE BREAKER TRENCH BREAKER/PLUG TRENCH BREAKER/PLUG BLEEDER DRAIN AND OUTLET STREAM CROSSING

USFWS STREAM CROSSING WITH ENHANCED CONTROLS SEEP

CONSTRUCTION ENTRANCE WITH DITCH CULVERT AS NEEDED CULVERT/ WATERBAR

------ LOD ------ LIMIT OF DISTURBANCE

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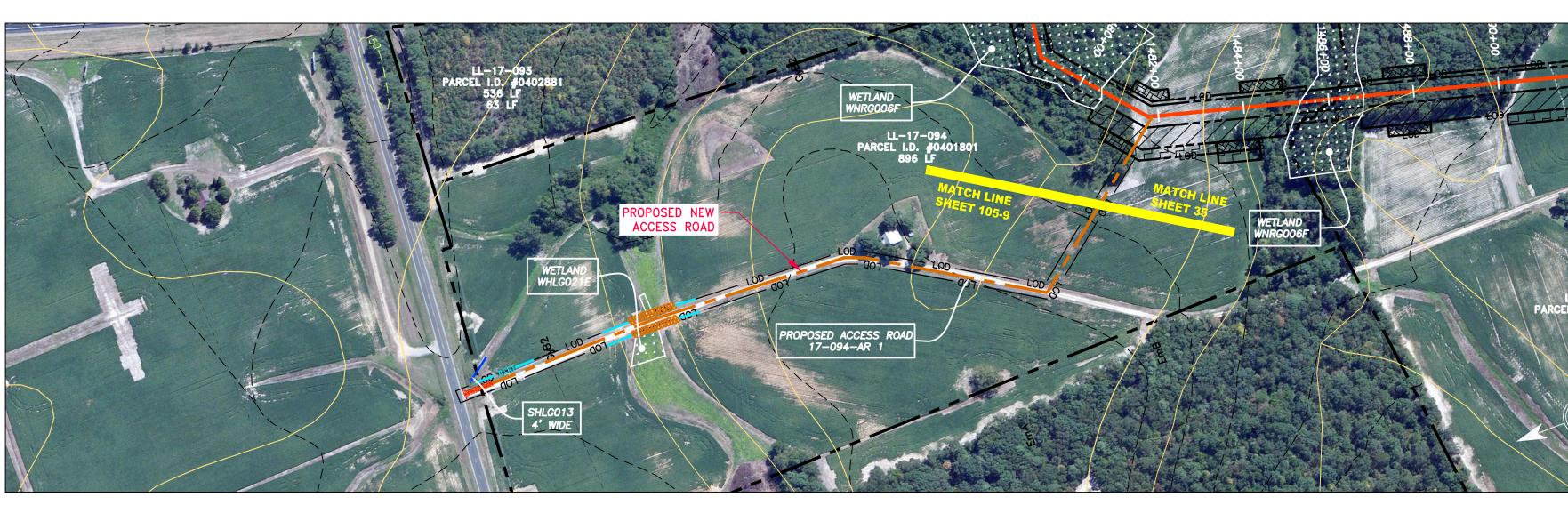
BELTED SILT RETENTION FENCE (BSRF) COIR LOG COMPOST FILTER SOCK ORANGE SAFETY FENCE ROADSIDE DITCH

# CuB SOIL TYPE

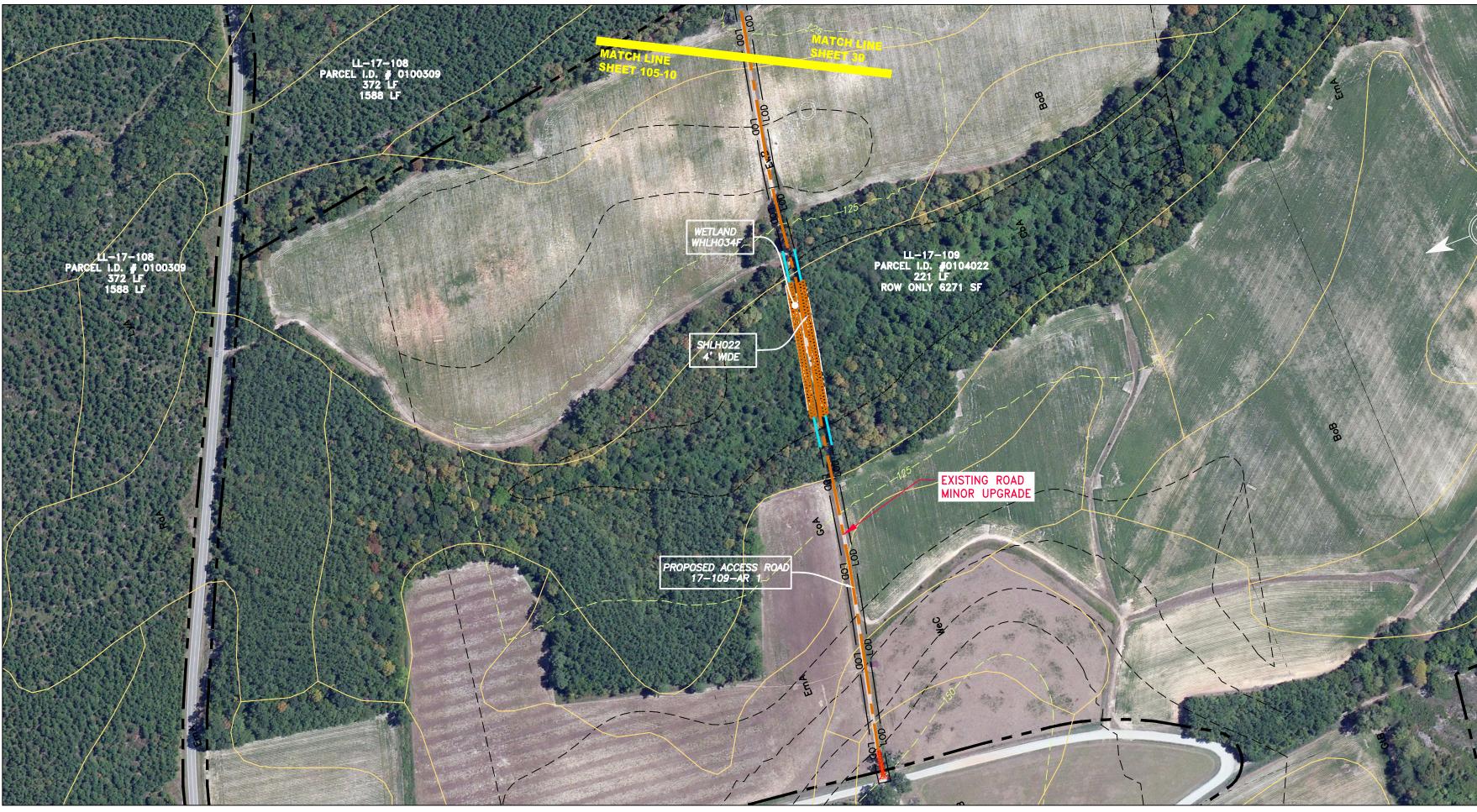
# NOTES:

- COORDINATE SYSTEM USED FOR
   CONTOURS AND TOPOGRAPHIC FI FROM 11-03-2014 THRU 11-07-2014
   IMAGERY TAKEN FROM GOOGLE E
   THE PROPERTY LINES SHOWN AR EXPRESSED OR IMPLIED AS TO TH
   STREAM AND WETLAND DATA SHO
   EROSION AND SEDIMENTATION CO WITHIN THE WORK AREAS.
   ALL STATIONING SHOWN IS SLOP
   SILT FENCE AND FILTER SOCK SH
   ACCESS ROADS HAVE BEEN GROU EXISTING ROADS MAJOR IMPROV CATEGORIES 2, 3 AND 4. ROADS I CATEGORIES 3 AND 4.
   \*ERM IS SOLELY RESPONSIBLE FO PROVIDED AND AS DESCRIBED IN

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	36" AP-2 PIPELINE ACCESS ROAD DETAIL HALIFAX COUNTY, NORTH CAROLINA	ATLANTIC COAST PIPELINE, LLC c/o dominion transmission, inc. 925 white Oaks Blvd., Bridgeport, wv 26330
3	DATE: C DRAWN: C CHECKED: D APPROVED: N gai consulta 4198 COX SUITE 114	<b>nts - NC, inc.</b> ROAD N, VA 23060 9357
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PROPERTY LINE – — — — — — — – STORM SEWER - FENCE STREAM — EXISTING GAS PIPELINE - OVERHEAD UTILITY LINES ACCESS ROAD ----- PROPOSED PERMANENT EASEMENT 💻 PROPOSED GAS PIPELINE 💻 💻 🚥 💻 PROPOSED GAS PIPELINE (NO GROUND SURVEY)

UNDERGROUND ELECTRIC ------- SAN------- SANITARY SEWER EDGE OF GRAVEL

EXTRA WORK SPACE

WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)

> NOTE: THE PE SEAL AND SIGNATURE APPLIES ONLY TO THE E&S CONTROL DESIGN COMPLETED BY ERM (SEE NOTE 12).

ACCESS ROAD DETAIL 9

ACCESS ROAD DETAIL 10

TOPSOIL SEGREGATION AREA PROPOSED TEMPORARY R.O.W.  $\diamond$ UTILITY POLE Ø

**V** PERMANENT WATERBAR/SLOPE BREAKER TEMPORARY WATERBAR/SLOPE BREAKER TRENCH BREAKER/PLUG TRENCH BREAKER/PLUG BLEEDER DRAIN AND OUTLET STREAM CROSSING USFWS STREAM CROSSING WITH ENHANCED CONTROLS

SEEP CONSTRUCTION ENTRANCE WITH DITCH CULVERT AS NEEDED CULVERT/ WATERBAR

------ LOD ------ LIMIT OF DISTURBANCE

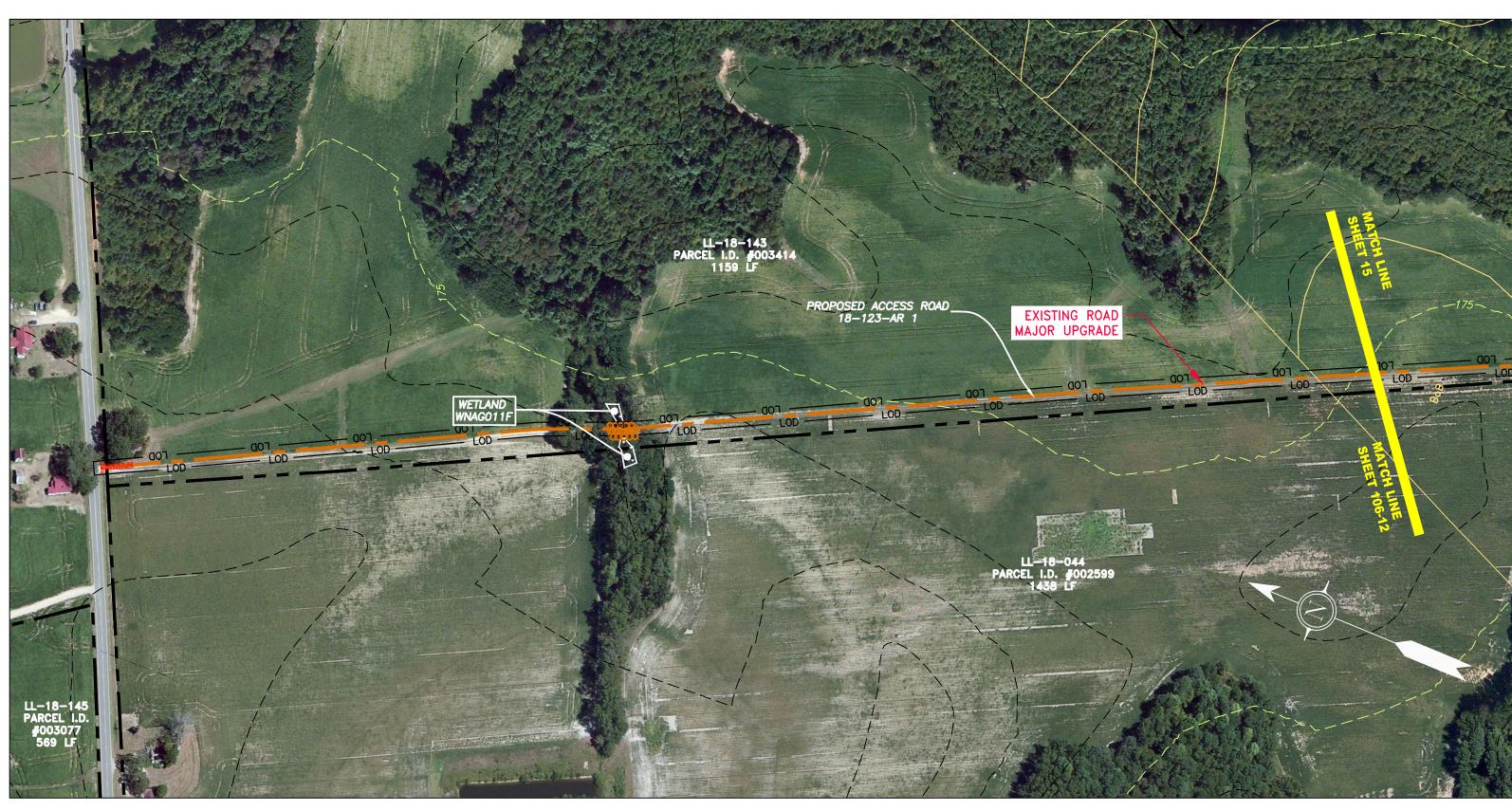
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BELTED SILT RETENTION FENCE (BSRF) COIR LOG COMPOST FILTER SOCK ORANGE SAFETY FENCE ROADSIDE DITCH CuB SOIL TYPE

# NOTES:

- COORDINATE SYSTEM USED FO
   CONTOURS AND TOPOGRAPHIC FROM 11-03-2014 THRU 11-07-20
   IMAGERY TAKEN FROM GOOGLI
   THE PROPERTY LINES SHOWN A EXPRESSED OR IMPLIED AS TO
   STREAM AND WETLAND DATA S
   EROSION AND SEDIMENTATION WITHIN THE WORK AREAS.
   ALL STATIONING SHOWN IS SLO SILT FENCE AND FILTER SOCK
   SILT FENCE AND FILTER SOCK
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   \*ERM IS SOLELY RESPONSIBLE PROVIDED AND AS DESCRIBED

	HILL CA	NO. DATE DWN. CHKD. APPVD. REVISIONS
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	36" AP-2 PIPELINE ACCESS ROAD DETAIL HALIFAX COUNTY, NORTH CAROLINA	ATLANTIC COAST PIPELINE, LLC c/o dominion transmission, inc. 925 WHITE OAKS BLVD., BRIDGEPORT, WV 26330
		AS SHOWN 06/09/17
	DRAWN:	BPT DLH
LL-17-010 PARCEL L.D. 40106977 2505 LF	APPROVED: N gai consulta 4198 COX	<b>IET</b> nts - NC, inc. ROAD N, VA 23060 9357
SCALE: 1" = 200' 200' 0 200' 400'		
) FOR MAPPING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, US SURVEY FOOT, CENTRAL MERIDIAN 81° W. HIC FEATURES WERE DERIVED FROM LIDAR DATA AND GPS SUB-METER GROUND SURVEY PERFORMED BY GAI CONSULTANTS, INC 7-2014.		
DGLE EARTH. VN ARE BASED ON GIS & TAX ASSESSMENT RECORDS (PROVIDED BY OTHERS). GAI CONSULTANTS MAKE NO GUARANTEE EITHER TO THE ACCURACY OF THE RECORDS AS SHOWN ON THESE DRAWINGS. I'A SHOWN ON THE DRAWINGS WAS PROVIDED BY ERM. ION CONTROL ELEMENTS MAY BE SHOWN OUTSIDE OF THE WORK AREAS FOR CLARITY ONLY. ACTUAL INSTALLATION SHALL BE		D./DASH NO.
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BLE FOR THE NATURE AND LOCATION OF THE DEPICTED BMPS AS OF THE DATE SIGNED AND SEALED BASED ON THE SOURCE DATA ED IN THE NOTES SECTION OF THE INDEX SHEET OF THIS PLAN SET.	D	DRAWING NO. E105
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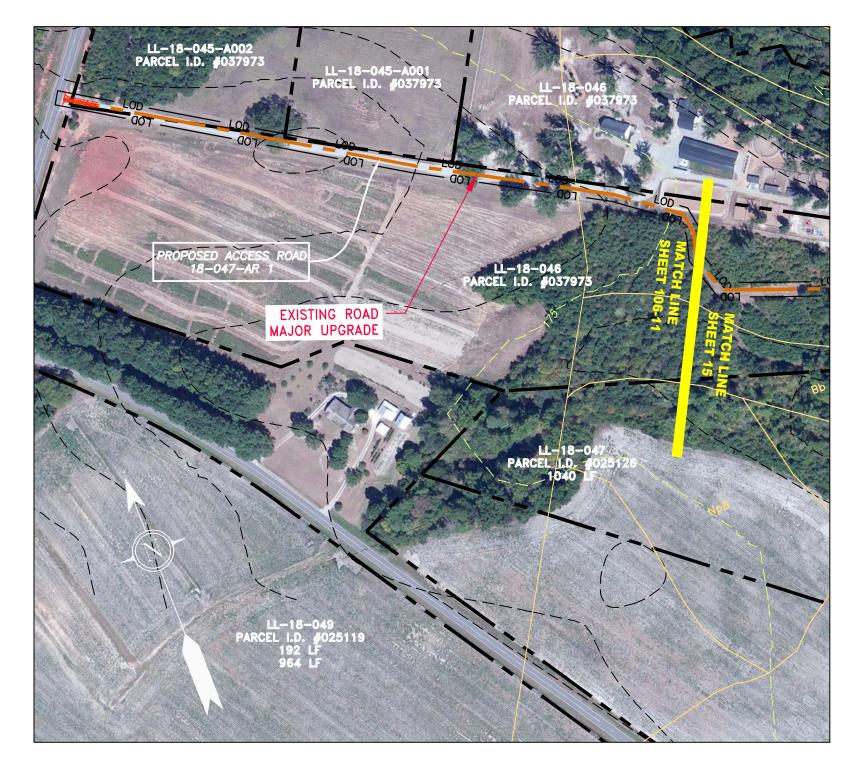
PROPERTY LINE - FENCE STREAM — EXISTING GAS PIPELINE - OVERHEAD UTILITY LINES ACCESS ROAD — — — — PROPOSED PERMANENT EASEMENT PROPOSED GAS PIPELINE 💻 🚥 🚥 🗰 PROPOSED GAS PIPELINE (NO GROUND SURVEY)

– — — — — — — – STORM SEWER UNDERGROUND ELECTRIC ------- SAN------- SANITARY SEWER EDGE OF GRAVEL

EXTRA WORK SPACE

WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)

> NOTE: THE PE SEAL AND SIGNATURE APPLIES ONLY TO THE E&S CONTROL DESIGN COMPLETED BY ERM (SEE NOTE 12).



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ACCESS ROAD DETAIL 11

ACCESS ROAD DETAIL 12

\_\_\_\_\_ TOPSOIL SEGREGATION AREA PROPOSED TEMPORARY R.O.W.  $\bigotimes$  $\diamond$ UTILITY POLE Ø

**V** PERMANENT WATERBAR/SLOPE BREAKER TEMPORARY WATERBAR/SLOPE BREAKER TRENCH BREAKER/PLUG TRENCH BREAKER/PLUG BLEEDER DRAIN AND OUTLET STREAM CROSSING

USFWS STREAM CROSSING WITH ENHANCED CONTROLS SEEP CONSTRUCTION ENTRANCE WITH DITCH CULVERT AS NEEDED

CULVERT/ WATERBAR

------ LOD ------ LIMIT OF DISTURBANCE

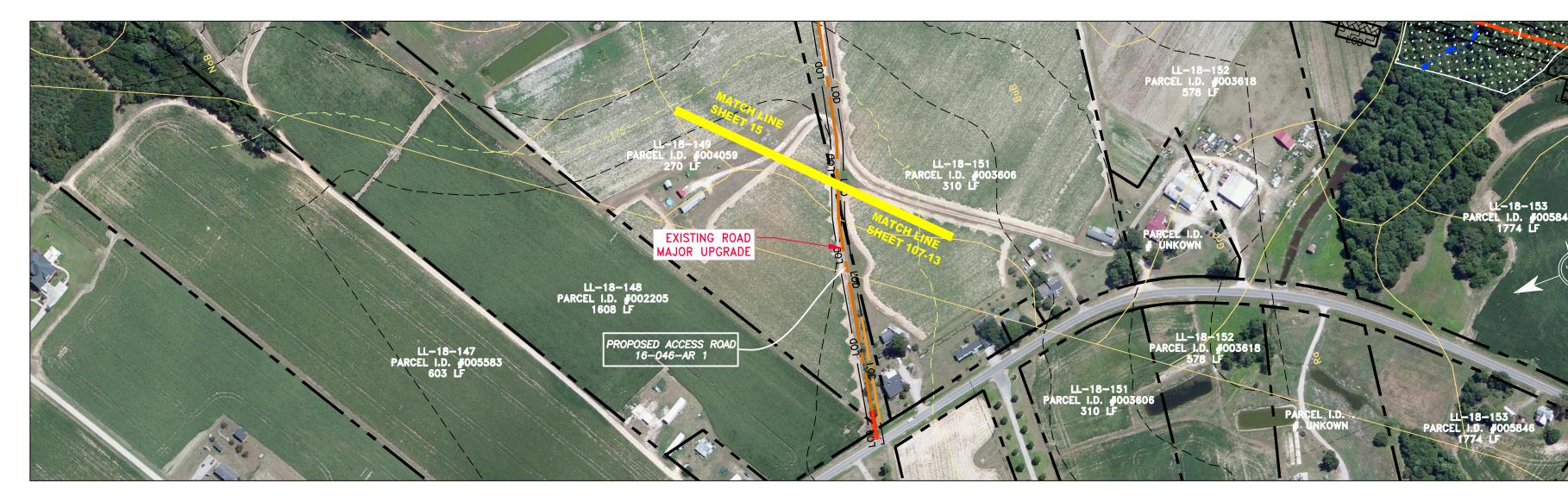
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BELTED SILT RETENTION FENCE (BSRF) COIR LOG COMPOST FILTER SOCK ORANGE SAFETY FENCE ROADSIDE DITCH CuB SOIL TYPE

# NOTES:

- COORDINATE SYSTEM USED FOR
   CONTOURS AND TOPOGRAPHIC FI FROM 11-03-2014 THRU 11-07-2014
   IMAGERY TAKEN FROM GOOGLE E
   THE PROPERTY LINES SHOWN AR EXPRESSED OR IMPLIED AS TO TH
   STREAM AND WETLAND DATA SHO
   EROSION AND SEDIMENTATION CO WITHIN THE WORK AREAS.
   ALL STATIONING SHOWN IS SLOP
   SILT FENCE AND FILTER SOCK SH
   ACCESS ROADS HAVE BEEN GROU EXISTING ROADS MAJOR IMPROV CATEGORIES 2, 3 AND 4. ROADS I CATEGORIES 3 AND 4.
   \*ERM IS SOLELY RESPONSIBLE FO PROVIDED AND AS DESCRIBED IN

	BESCRIPTION BESCRIPTION NO. DATE DWN. CHKO. APPVO. NO. DATE DWN. CHKO. APPVO. N. C
	36" AP-2 PIPELINE BCCESS ROAD DETAL NASH 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 #F-0269
Sor MAPPING AND TOPOGRAPHY - UTM WITH NADB3 DATUM, ZONE 17, US SURVEY FOOT, CENTRAL MERIDIAN 81 °C. COR MAPPING AND TOPOGRAPHY - UTM WITH NADB3 DATUM, ZONE 17, US SURVEY FOOT, CENTRAL MERIDIAN 81 °C. (C FEATURES WERE DERIVED FROM LIDAR DATA AND GPS SUB-METER GROUND SURVEY PERFORMED BY GAI CONSULTANTS, INC (C FEATURES WERE DERIVED FROM LIDAR DATA AND GPS SUB-METER GROUND SURVEY PERFORMED BY GAI CONSULTANTS, INC (C FEATURES WERE DO NGIS A TAX ASSESSMENT RECORDS (PROVIDED BY OTHERS). GAI CONSULTANTS MAKE NO GUARANTEE EITHER (C FEATURE) (N ARE BASED ON GIS A TAX ASSESSMENT RECORDS (PROVIDED BY OTHERS). GAI CONSULTANTS MAKE NO GUARANTEE EITHER (C FEATURE) (N ARE BASED ON GIS A TAX ASSESSMENT RECORDS (PROVIDED BY OTHERS). GAI CONSULTANTS MAKE NO GUARANTEE EITHER (C FEATURE) (N ARE BASED ON GIS A TAX ASSESSMENT RECORDS (PROVIDED BY OTHERS). GAI CONSULTANTS MAKE NO GUARANTEE EITHER (N C CONTCOL ELEMENTS MAY BE SHOWN OUTSIDE OF THE WORK AREAS FOR CLARITY ONLY. ACTUAL INSTALLATION SHALL BE (L FEATURE) (N CONTROL ELEMENTS MAY BE SHOWN OUTSIDE OF THE WORK AREAS FOR CLARITY ONLY. ACTUAL INSTALLATION SHALL BE (N CONTROL ELEMENTS MAY BE SHOWN OUTSIDE OF THE WORK AREAS FOR CLARITY ONLY. ACTUAL INSTALLATION SHALL BE (N CONTROL ELEMENTS MAY BE SHOWN OUTSIDE OF THE WORK AREAS FOR CLARITY ONLY. ACTUAL INSTALLATION SHALL BE (N CONTROL ELEMENTS MAY BE SHOWN OUTSIDE OF THE WORK AREAS FOR CLARITY ONLY. ACTUAL INSTALLATION SHALL BE (N CONTROL ELEMENTS MAY BE SHOWN OUTSIDE OF THE WORK AREAS FOR CLARITY ONLY. ACTUAL INSTALLATION SHALL BE (N CONTROL ELEMENTS AND A SHOWN OUTSIDE OF THE WORK AREAS FOR CLARITY ONLY. ACTUAL INSTALLATION SHALL BE (N CONTROL ELEMENTS MAY BE SHOWN OUTSIDE OF THE WORK AREAS FOR CLARITY ONLY. ACTUAL INSTALLATION SHALL BE (N C THE ROTTES AND 4) NEW ROADS. APPROPRIATE EROSION AND SEDIMENT CONTROLS WILL BE PROVIDED FOR ROADS IN (N C THE ROAD LOCATION OF THE OPPLICTED BMPS AS OF THE DATE SIGNED AND SEALED BASED ON THE SOURCE DATA (D IN THE NOTES SECTION OF THE INDEX SHEET OF THIS PLAN SET.	PROJECT NO./DASH NO. 140468 TASK NO. SUB TASK NO. 005 00 GROUP ID DRAWING NO. D DRAWING NO. E106 AR-106



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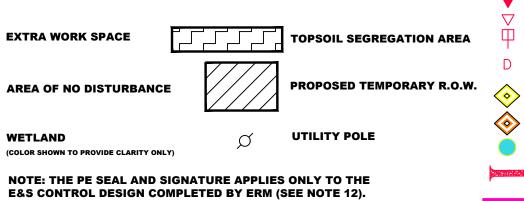
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PROPERTY LINE FENCE STREAM EXISTING GAS PIPELINE \_\_\_\_\_ SAN\_\_\_\_ SANITARY SEWER OVERHEAD UTILITY LINES — ACCESS ROAD ----- ----- PROPOSED PERMANENT EASEMENT PROPOSED GAS PIPELINE 📁 🛑 🛑 PROPOSED GAS PIPELINE (NO GROUND SURVEY)

– — — — — — — – STORM SEWER UNDERGROUND ELECTRIC ----- EDGE OF GRAVEL

EXTRA WORK SPACE



AREA OF NO DISTURBANCE

WETLAND

ACCESS ROAD DETAIL 13

**PERMANENT WATERBAR/SLOPE BREAKER** TEMPORARY WATERBAR/SLOPE BREAKER TRENCH BREAKER/PLUG TRENCH BREAKER/PLUG BLEEDER DRAIN AND OUTLET STREAM CROSSING USFWS STREAM CROSSING WITH ENHANCED CONTROLS SEEP

CONSTRUCTION ENTRANCE WITH DITCH CULVERT AS NEEDED CULVERT/ WATERBAR

BELTED SILT RETENTION FENCE (BSRF) ----- BSRF COIR LOG ------

COMPOST FILTER SOCK ORANGE SAFETY FENCE ROADSIDE DITCH · \_\_\_\_ · · · \_\_\_ · · · \_\_\_ CuB SOIL TYPE

NOTES:

- COORDINATE SYSTEM USED FOR MAP
   CONTOURS AND TOPOGRAPHIC FEATU FROM 11-03-2014 THRU 11-07-2014.
   IMAGERY TAKEN FROM GOOGLE EART
   THE PROPERTY LINES SHOWN ARE BAA EXPRESSED OR IMPLIED AS TO THE AC
   STREAM AND WETLAND DATA SHOWN
   EROSION AND SEDIMENTATION CONTI WITHIN THE WORK AREAS.
   ALL STATIONING SHOWN IS SLOPE ST
   SILT FENCE AND FILTER SOCK SHALL
   ACCESS ROADS HAVE BEEN GROUPED EXISTING ROADS MAJOR IMPROVEMEI CATEGORIES 2, 3 AND 4. ROADS IN CA CATEGORIES 3 AND 4.
   \*ERM IS SOLELY RESPONSIBLE FOR TI PROVIDED AND AS DESCRIBED IN THE

		NO. DATE DWN. CHKD. APPVD. DATE DWN. CHKD. APPVD. REVISIONS
	36" AP-2 PIPELINE ACCESS ROAD DETAIL NASH COUNTY, NORTH CAROLINA	ATLANTIC COAST PIPELINE, LLC c/o dominion transmission, inc. 925 white Oaks BLVD., BRIDGEPORT, WV 26330
	DATE: C DRAWN: C CHECKED: C APPROVED: C	AS SHOWN D6/09/17 GPT DLH NET
SCALE: $1^{"} = 200'$ 200' 0 200' 400' MAPPING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, US SURVEY FOOT, CENTRAL MERIDIAN 81' W. EATURES WERE DERIVED FROM LIDAR DATA AND GPS SUB-METER GROUND SURVEY PERFORMED BY GAI CONSULTANTS, INC 4. ATH.	4198 COX SUITE 114	ROAD N, VA 23060 9357
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