Dominion Resources Services, Inc.
5000 Dominion Boulevard,
Glen Allen, VA 23060

October 20, 2015

BY OVERNIGHT (OR EXPRESS) MAIL

Mr. Tom Speaks, Forest Supervisor
U.S. Forest Service
George Washington National Forest
Forest Supervisor's Office
5162 Valleypointe Parkway
Roanoke, VA 24019

RE: Atlantic Coast Pipeline, LLC, Atlantic Coast Pipeline
George Washington National Forest; Application to Amend Temporary Special Use Permit Authorization ID No. GWP433201T

Dear Mr. Speaks:

Atlantic Coast Pipeline, LLC (Atlantic) - a joint venture comprised of subsidiaries of Dominion Resources, Duke Energy, Piedmont Natural Gas, and AGL Resources - is proposing to construct and operate approximately 564 miles of natural gas transmission pipeline and associated laterals in West Virginia, Virginia, and North Carolina. This project, referred to as the Atlantic Coast Pipeline (ACP), will deliver natural gas from supply areas, including West Virginia, to demand areas in Virginia and North Carolina. Dominion Transmission, Inc. (DTI) will build and operate the ACP on behalf of the joint venture.

The ACP will be regulated by the Federal Energy Regulatory Commission (FERC) under Section 7(c) of the Natural Gas Act. Atlantic filed an application for a Certificate of Public Convenience and Necessity with the FERC on September 18, 2015, and submitted to the Bureau of Land Management on July 14, 2015 an Application for Transportation and Utility Systems and Facilities on Federal Lands (SF-299), to build and operate the pipeline system on Federal lands.

On March 25, 2015 the George Washington National Forest (GWNF) issued Temporary Special Use Permit Authorization ID No. GWP433201T for purposes of conducting field routing, environmental, cultural resources and civil surveys. The permit was amended on May 26, 2015 to add survey areas for purposes of alternative route evaluations. Atlantic requests a second amendment to add survey areas for purposes of evaluating a Horizontal Directional Drill (HDD) route alternative within the forest in the vicinity of the Highland and Augusta County border; a Standard Form 299 is attached hereto. To evaluate this alternative area, which would avoid habitat for the Cow Knob salamander, Atlantic is requesting expansion of the previously

authorized survey corridor by 1,000 feet between approximate mile posts (MPs) 107 and 114, as shown on the attached map. Survey methods will generally remain the same as previously proposed, with the following exception. In order to characterize subsurface conditions for an HDD operation, Atlantic will request site-specific permission to conduct geotechnical test borings in representative areas at the approximate locations of the HDD path. These borings will be drilled with a track or wheel-mounted rotary auger drill rig (roughly the size of a one-ton pickup truck) utilizing hollow stem augers. It is anticipated that test boring for the western HDD will be conducted adjacent to existing forest road No. 396 within approximately 50 feet of the HDD centerline. Since no existing roads cross the eastern HDD alignment, Dominion is still working to identify a test bore location within reasonable proximity to this alignment that is within the requested survey area and will submit this location to the GWNF prior to conducting any work at this location. Prior to any work at a bore site, environmental surveys, including cultural resource surveys, will be conducted at each drill location. Once the boring equipment is in place, drilling operations will last approximately three days at each location, depending on the hardness of the rock encountered. Material removed from the borings will be secured and sent to a geotechnical lab for testing and classification. The resulting test bore holes will be approximately four inches in diameter and to a depth pre-determined by the HDD design engineer.

Once boring operations are complete, the bore holes will be backfilled with concrete slurry to a point approximately five feet below the surface. The remaining approximate five feet will be backfilled with native material removed during boring operations. Other cuttings from boring operations may be incorporated into the backfill mixture or removed from the site.

Atlantic intends to conduct the surveys as soon as possible during what remains of the 2015 field season, pending GWNF's authorization of the proposed amendment. Atlantic understands that a separate permit or permit amendment may be required under the Archaeological Resources Protection Act (ARPA). If necessary, Atlantic's consultant, Natural Resource Group, LLC (NRG), will apply for this permit under separate cover.

Atlantic has established a cost recovery account with the GWNF for the ACP. Atlantic assumes that costs incurred by the GWNF for the processing of this application will be charged to the cost recovery account.

Atlantic looks forward to continuing to work with you on this project. Please contact Mr. William A. Scarpinato at (804) 273-3019 or William.A.Scarpinato@dom.com, if there are questions regarding this application. Please direct written responses to:

William A. Scarpinato
Dominion Resources Services, Inc.
5000 Dominion Boulevard
Glen Allen, Virginia 23060

Sincerely,

Robert M. Bisha

Robert M. Bisha
Director, Environmental Business Support

Attachments:

- Standard Form 299, *Application for Transportation and Utility Systems and Facilities on Federal Lands*
- 1:24,000 Scale Topographic Map depicting the proposed additional survey areas within the George Washington National Forest (both color and black and white versions)

cc: Jennifer Adams, US Forest Service
Alex Faught, US Forest Service
William Scarpinato, Dominion Resources Services, Inc.

STANDARD FORM 299 (05/2009)
Prescribed by DOI/USDA/DOT
P.L. 96-487 and Federal
Register Notice 5-22-95

APPLICATION FOR TRANSPORTATION AND UTILITY SYSTEMS AND FACILITIES ON FEDERAL LANDS

FORM APPROVED
OMB Control Number: 0596-0082
Expiration Date: 1/31/2017

FOR AGENCY USE ONLY

NOTE: Before completing and filing the application, the applicant should completely review this package and schedule a preapplication meeting with representatives of the agency responsible for processing the application. Each agency may have specific and unique requirements to be met in preparing and processing the application. Many times, with the help of the agency representative, the application can be completed at the preapplication meeting.

Application Number

Date Filed

1. Name and address of applicant *(include zip code)*

Atlantic Coast Pipeline, LLC
c/o Leslie Hartz
707 East Main Street
Richmond, Virginia 23219

2. Name, title, and address of authorized agent if different from item 1 *(include zip code)*

Dominion Transmission, Inc.
c/o William Scarpinato
5000 Dominion Boulevard
Glen Allen, VA 23060

3. Telephone (area code)

Applicant
804-771-4468

Authorized Agent
804-273-3019

4. As applicant are you? *(check one)*

a. ☐ Individual
b. ☒ Corporation*
c. ☐ Partnership/Association*
d. ☐ State Government/State Agency
e. ☐ Local Government
f. ☐ Federal Agency

* *If checked, complete supplemental page*

5. Specify what application is for: *(check one)*

a. ☐ New authorization
b. ☐ Renewing existing authorization No.
c. ☒ Amend existing authorization No.
d. ☐ Assign existing authorization No.
e. ☐ Existing use for which no authorization has been received *
f. ☐ Other*

* *If checked, provide details under item 7*

6. If an individual, or partnership are you a citizen(s) of the United States? ☐ Yes ☐ No

7. Project description (describe in detail): (a) Type of system or facility, *(e.g., canal, pipeline, road);* (b) related structures and facilities; (c) physical specifications *(Length, width, grading, etc.)*; (d) term of years needed: (e) time of year of use or operation; (f) Volume or amount of product to be transported; (g) duration and timing of construction; and (h) temporary work areas needed for construction *(Attach additional sheets, if additional space is needed.)*

Atlantic Coast Pipeline, LLC - a company formed by four major U.S. energy companies - Dominion Resources, Inc., Duke Energy Corporation, Piedmont Natural Gas Co., Inc., and AGL Resources, Inc. - is proposing to construct and operate approximately 564 miles of natural gas transmission pipeline and associated laterals in West Virginia, Virginia, and North Carolina. This project, referred to as the Atlantic Coast Pipeline (ACP), will deliver natural gas from supply areas in the Appalachian region to demand areas in Virginia and North Carolina. Dominion Transmission, Inc. (DTI) will build and operate the ACP on behalf of Atlantic. On March 25, 2015 the George Washington National Forest (GWNF) issued Temporary Special Use Permit Authorization ID No. GWP433201T for purposes of conducting field routing, environmental, cultural resources and civil surveys. The permit was amended on May 26, 2015 to add survey areas for purposes of alternative route evaluations. Atlantic requests a second amendment to add survey areas for purposes of evaluating a Horizontal Directional Drill (HDD) route alternative within the forest in the vicinity of the Highland and Augusta County border. Evaluation of this alternative area, which would avoid habitat for the Cow Knob salamander, requires expanding the survey corridor by 1,000 feet outside of the previously authorized area between mile posts (MPs) 107 and 114 (see attached map). Survey methods will generally remain the same as previously proposed, except for the addition of geotechnical test borings, which are described in this form's cover letter. Atlantic seeks to conduct surveys as soon as possible during the remaining 2015 field season, pending GWNF's approval.

8. Attach a map covering area and show location of project proposal

9. State or Local government approval: ☐ Attached ☐ Applied for ☒ Not Required

10. Nonreturnable application fee: ☐ Attached ☒ Not required

11. Does project cross international boundary or affect international waterways? ☐ Yes ☒ No *(if "yes," indicate on map)*

12. Give statement of your technical and financial capability to construct, operate, maintain, and terminate system for which authorization is being requested.

DTI maintains 7,800 miles of pipeline in six states — Ohio, West Virginia, Pennsylvania, New York, Maryland and Virginia, and stores and transports large quantities of natural gas for large customers, such as major utilities and power plants. The company has significant experience in the design, construction, ownership, and operation of large, long-term pipeline projects requiring significant capital investment. DTI also operates one of the largest underground natural gas storage systems in the United States with links to other major pipelines and to markets in the Midwest, Mid-Atlantic, and Northeast regions of the United States.

13a. Describe other reasonable alternative routes and modes considered.

Not applicable. The purpose of proposed surveys is to aid in the evaluation of route alternatives across the GWNF.

b. Why were these alternatives not selected?

Not applicable. The purpose of proposed surveys is to aid in the evaluation of route alternatives across the GWNF.

c. Give explanation as to why it is necessary to cross Federal Lands.

Alternatives to avoid Federal lands have been addressed in Atlantic's July 14, 2015 SF 299 submitted to BLM, and its Application for a Certificate of Public Convenience and Necessity, filed with the Federal Energy Regulatory Commission (FERC) on September 18, 2015.

14. List authorizations and pending applications filed for similar projects which may provide information to the authorizing agency. *(Specify number, date, code, or name)*

Not applicable.

15. Provide statement of need for project, including the economic feasibility and items such as: (a) cost of proposal (construction, operation, and maintenance); (b) estimated cost of next best alternative; and (c) expected public benefits.

The ACP will provide natural gas from supply areas in the Appalachian region to demand areas in Virginia and North Carolina. This application is for survey activities only. Information on the ACP's economic feasibility is provided in its Application for a Certificate of Public Convenience and Necessity, filed with the FERC on September 18. 2015.

16. Describe probable effects on the population in the area, including the social and economic aspects, and the rural lifestyles.

None. The current application is for survey activities only.

17. Describe likely environmental effects that the proposed project will have on: (a) air quality; (b) visual impact; (c) surface and ground water quality and quantity; (d) the control or structural change on any stream or other body of water; (e) existing noise levels; and (f) the surface of the land, including vegetation, permafrost, soil, and soil stability.

The original permit application described the minor impacts associated with survey activities. The geotechnical test boring rig will be set up adjacent to existing Forest roads, to the extent possible at locations previously disturbed and where no or very limited clearing would be required. Cultural resources surveys would precede any rig set-up.

18. Describe the probable effects that the proposed project will have on (a) populations of fish, plantlife, wildlife, and marine life, including threatened and endangered species; and (b) marine mammals, including hunting, capturing, collecting, or killing these animals.

The proposed survey activities will have no effect on populations of fish, plant life, wildlife, marine life, marine mammals, or threatened and endangered species.

19. State whether any hazardous material, as defined in this paragraph, will be used, produced, transported or stored on or within the right-of-way or any of the right-of-way facilities, or used in the construction, operation, maintenance or termination of the right-of-way or any of its facilities. "Hazardous material" means any substance, pollutant or contaminant that is listed as hazardous under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended, 42 U.S.C. 9601 et seq., and its regulations. The definition of hazardous substances under CERCLA includes any "hazardous waste" as defined in the Resource Conservation and Recovery Act of 1976 (RCRA), as amended, 42 U.S.C. 6901 et seq., and its regulations. The term hazardous materials also includes any nuclear or byproduct material as defined by the Atomic Energy Act of 1954, as amended, 42 U.S.C. 2011 et seq. The term does not include petroleum, including crude oil or any fraction thereof that is not otherwise specifically listed or designated as a hazardous substance under CERCIA Section 101(14), 42 U.S.C. 9601(14), nor does the term include natural gas.

Geotechnical test borings employ a track or wheel-mounted rotary auger drill rig, about the size of a one-ton pickup truck. The rig will use hydraulic fluid and diesel fuel to operate, and will be equipped will absorbent pads and similar standard spill clean-up material to use in the case of any leaks. No hazardous material will be utilized in the hole during boring operations.

20. Name all the Department(s)/Agency(ies) where this application is being filed.

George Washington National Forest

I HEREBY CERTIFY, That I am of legal age and authorized to do business in the State and that I have personally examined the information contained in the application and believe that the information submitted is correct to the best of my knowledge.

Signature of Applicant	Date
Anne E Boman (Vice President, Atlantic Coast Pipeline, LLC)	20 October 2015

Title 18, U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

GENERAL INFORMATION
ALASKA NATIONAL INTEREST LANDS

This application will be used when applying for a right-of-way, permit, license, lease, or certificate for the use of Federal lands which lie within conservation system units and National Recreation or Conservation Areas as defined in the Alaska National Interest lands Conservation Act. Conservation system units include the National Park System, National Wildlife Refuge System, National Wild and Scenic Rivers System, National Trails System, National Wilderness Preservation System, and National Forest Monuments.

Transportation and utility systems and facility uses for which the application may be used are:

1. Canals, ditches, flumes, laterals, pipes, pipelines, tunnels, and other systems for the transportation of water.

2. Pipelines and other systems for the transportation of liquids other than water, including oil, natural gas, synthetic liquid and gaseous fuels, and any refined product produced therefrom.

3. Pipelines, slurry and emulsion systems, and conveyor belts for transportation of solid materials.

4. Systems for the transmission and distribution of electric energy.

5. Systems for transmission or reception of radio, television, telephone, telegraph, and other electronic signals, and other means of communications.

6. Improved right-of-way for snow machines, air cushion vehicles, and all-terrain vehicles.

7. Roads, highways, railroads, tunnels, tramways, airports, landing strips, docks, and other systems of general transportation.

This application must be filed simultaneously with each Federal department or agency requiring authorization to establish and operate your proposal.

In Alaska, the following agencies will help the applicant file an application and identify the other agencies the applicant should contact and possibly file with:

Department of Agriculture
Regional Forester, Forest Service (USFS)
Federal Office Building,
P.O. Box 21628
Juneau, Alaska 99802-1628
Telephone: (907) 586-7847 *(or a local Forest Service Office)*

Department of the Interior
Bureau of Indian Affairs (BIA)
Juneau Area Office
Federal Building Annex
9109 Mendenhall Mall Road, Suite 5
Juneau, Alaska 99802
Telephone: (907) 586-7177

Department of the Interior
Bureau of Land Management
222 West 7th Avenue
P.O. Box 13
Anchorage, Alaska 99513-7599
Telephone: (907) 271-5477 (or a local BLM Office)

U.S. Fish & Wildlife Service (FWS)
Office of the Regional Director
1011 East Tudor Road
Anchorage, Alaska 99503
Telephone: (907) 786-3440

National Park Service (NPA)
Alaska Regional Office, 2225
Gambell St., Rm. 107
Anchorage, Alaska 99502-2892
Telephone: (907) 786-3440

Note - Filings with any Interior agency may be filed with any office noted above or with the Office of the Secretary of the Interior, Regional Environmental Office, P.O. Box 120, 1675 C Street, Anchorage, Alaska 9513.

Department of Transportation
Federal Aviation Administration
Alaska Region AAL-4, 222 West 7th Ave., Box 14
Anchorage, Alaska 99513-7587
Telephone: (907) 271-5285

NOTE - The Department of Transportation has established the above central filing point for agencies within that Department. Affected agencies are: Federal Aviation Administration (FAA), Coast Guard (USCG), Federal Highway Administration (FHWA), Federal Railroad Administration (FRA).

OTHER THAN ALASKA NATIONAL INTEREST LANDS

Use of this form is not limited to National Interest Conservation Lands of Alaska.

Individual department/agencies may authorize the use of this form by applicants for transportation and utility systems and facilities on other Federal lands outside those areas described above.

For proposals located outside of Alaska, applications will be filed at the local agency office or at a location specified by the responsible Federal agency.

SPECIFIC INSTRUCTIONS
(Items not listed are self-explanatory)

7 Attach preliminary site and facility construction plans. The responsible agency will provide instructions whenever specific plans are required.

8 Generally, the map must show the section(s), township(s), and range(s) within which the project is to be located. Show the proposed location of the project on the map as accurately as possible. Some agencies require detailed survey maps. The responsible agency will provide additional instructions.

9 , 10, and 12 The responsible agency will provide additional instructions.

13 Providing information on alternate routes and modes in as much detail as possible, discussing why certain routes or modes were rejected and why it is necessary to cross Federal lands will assist the agency(ies) in processing your application and reaching a final decision. Include only reasonable alternate routes and modes as related to current technology and economics.

14 The responsible agency will provide instructions.

15 Generally, a simple statement of the purpose of the proposal will be sufficient. However, major proposals located in critical or sensitive areas may require a full analysis with additional specific information. The responsible agency will provide additional instructions.

16 through 19 Providing this information is as much detail as possible will assist the Federal agency(ies) in processing the application and reaching a decision. When completing these items, you should use a sound judgment in furnishing relevant information. For example, if the project is not near a stream or other body of water, do not address this subject. The responsible agency will provide additional instructions.

Application must be signed by the applicant or applicant's authorized representative.

EFFECT OF NOT PROVIDING INFORMATION: Disclosure of the information is voluntary. If all the information is not provided, the application may be rejected.

DATA COLLECTION STATEMENT

The Federal agencies collect this information from applicants requesting right-of-way, permit, license, lease, or certification for the use of Federal lands. The Federal agencies use this information to evaluate the applicant's proposal. The public is obligated to submit this form if they wish to obtain permission to use Federal lands.

SUPPLEMENTAL		
NOTE: The responsible agency(ies) will provide instructions	CHECK APPROPRIATE BLOCK	
I - PRIVATE CORPORATIONS	ATTACHED	FILED*
a. Articles of Incorporation	☐	☐
b. Corporation Bylaws	☐	☐
c. A certification from the State showing the corporation is in good standing and is entitled to operate within the State	☐	☐
d Copy of resolution authorizing filing	☐	☐
e. The name and address of each shareholder owning 3 percent or more of the shares, together with the number and percentage of any class of voting shares of the entity which such shareholder is authorized to vote and the name and address of each affiliate of the entity together with, in the case of an affiliate controlled by the entity, the number of shares and the percentage of any class of voting stock of that affiliate owned, directly or indirectly, by that entity, and in the case of an affiliate which controls that entity, the number of shares and the percentage of any class of voting stock of that entity owned, directly or indirectly, by the affiliate.	☐	☐
f. If application is for an oil or gas pipeline, describe any related right- of-way or temporary use permit applications, and identify previous applications.	☐	☐
g. If application is for an oil and gas pipeline, identify all Federal lands by agency impacted by proposal.	☐	☐
II - PUBLIC CORPORATIONS		
a. Copy of law forming corporation	☐	☒
b. Proof of organization	☐	☒
c. Copy of Bylaws	☐	☐
d. Copy of resolution authorizing filing	☐	☒
e. If application is for an oil or gas pipeline, provide information required by item "I - f" and "I - g" above.	☐	☐
III - PARTNERSHIP OR OTHER UNINCORPORATED ENTITY		
a. Articles of association, if any	☐	☐
b. If one partner is authorized to sign, resolution authorizing action is	☐	☐
c. Name and address of each participant, partner, association, or other	☐	☐
d. If application is for an oil or gas pipeline, provide information required by item "I - f" and "I - g" above.	☐	☐

*If the required information is already filed with the agency processing this application and is current, check block entitled "Filed." Provide the file identification information *(e.g., number, date, code, name)*. If not on file or current, attach the requested information.

NOTICES

Note: This applies to the Department of Agriculture/Forest Service (FS)

This information is needed by the Forest Service to evaluate the requests to use National Forest System lands and manage those lands to protect natural resources, administer the use, and ensure public health and safety. This information is required to obtain or retain a benefit. The authority for that requirement is provided by the Organic Act of 1897 and the Federal Land Policy and Management Act of 1976, which authorize the secretary of Agriculture to promulgate rules and regulations for authorizing and managing National Forest System lands. These statutes, along with the Term Permit Act, National Forest Ski Area Permit Act, Granger-Thye Act, Mineral Leasing Act, Alaska Term Permit Act, Act of September 3, 1954, Wilderness Act, National Forest Roads and Trails Act, Act of November 16, 1973, Archeological Resources Protection Act, and Alaska National Interest Lands Conservation Act, authorize the Secretary of Agriculture to issue authorizations or the use and occupancy of National Forest System lands. The Secretary of Agriculture's regulations at 36 CFR Part 251, Subpart B, establish procedures for issuing those authorizations.

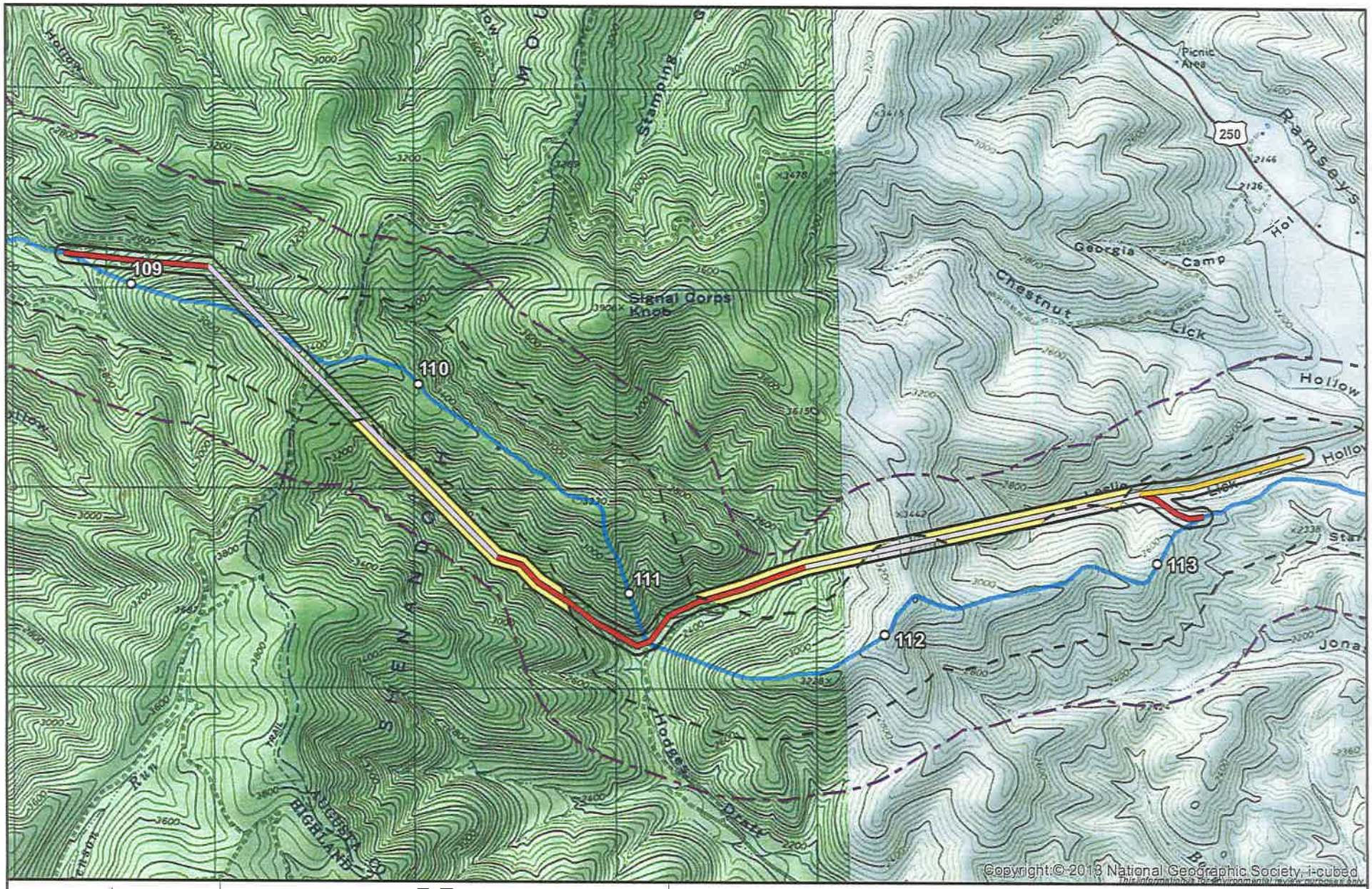
BURDEN AND NONDISCRIMINATION STATEMENTS

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0596-0082. The time required to complete this information collection is estimated to average 8 hours hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at 202-720- 2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, 1400 Independence Avenue, SW, Washington, DC 20250-9410 or call toll free (866) 632-9992 (voice). TDD users can contact USDA through local relay or the Federal relay at (800) 877-8339 (TDD) or (866) 377-8642 (relay voice). USDA is an equal opportunity provider and employer.

The Privacy Act of 1974 (5 U.S.C. 552a) and the Freedom of Information Act (5 U.S.C. 552) govern the confidentiality to be provided for information received by the Forest Service.



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Feet
1:27,000 1 inch equals 2,250 feet

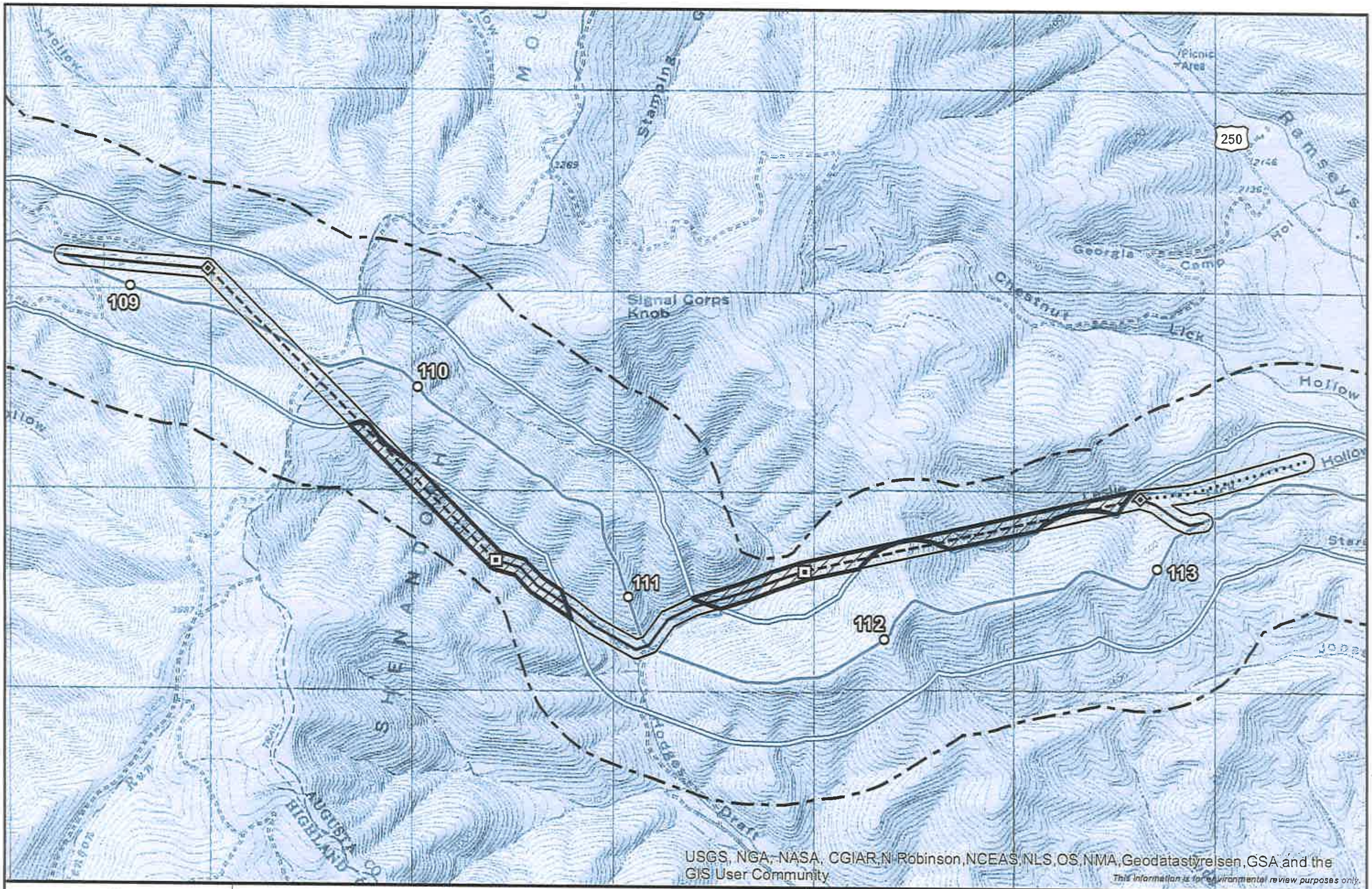
- Whole Mileposts
- ACP Centerline
- **Alternative Route Centerline**
- Normal Lay Area
- HDD Area
- HDD Pull Back
- Existing Survey Permission Corridor
- Requested Survey Permission Corridor
- Alternative Survey Corridor
- Alternative Survey Areas Outside of Survey Permission Corridor

Atlantic Coast Pipeline

Atlantic Coast Pipeline
Survey Corridor for CKS Route Alternative

NATURAL RESOURCE GROUP
an ERM Group company

FILE: M:\Clients\D-F\DOM\SRPP_ArcGIS\2015\10\09_CKS_Alt_Route_acp_cks_alt_route_Outside_Areas_20151012.mxd | REVISED: 10/14/2015 | SCALE: 1:27,000 DRAWN BY: McGregor



ACP Centerline
Alternative Route Centerline
Normal Lay
HDD
HDD Pullback
HDD Entry
HDD Exit
Existing Survey Permission Corridor
Requested Survey Permission
Alternative Survey Corridor
Alternative Survey Areas Outside of Survey Permission Corridor

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Feet
1:27,000 1 inch equals 2,250 feet

Atlantic Coast Pipeline

Atlantic Coast Pipeline
Survey Corridor for CK Route Alternative

an ERM Group company

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DRAWN BY: McGregor