

**ENVIRONMENTAL MITIGATION PLAN  
I-75 MANAGED LANES  
FROM SR 138 TO SR 155**

**Federal Highway Administration  
Georgia Department of Transportation**

**P.I. Nos. 0009156-0009157  
Clayton and Henry Counties**

**June 26, 2013**

**Environmental Mitigation Plan**

**Project:** CSNHS-0009-00(156) and CSNHS-0009-00(157), P.I. No 0009156 and 0009157 – I-75 Express

**Date Updated:** June 26, 2013

The I-75 Express Project Environmental Mitigation Plan is hereby approved for implementation.



Keith Golden, P.E.  
Commissioner  
Georgia Department of Transportation

6/26/13

Date

**TABLE OF CONTENTS**

**I. PROJECT DESCRIPTION ..... 1**

**II. ENVIRONMENTAL COMPLIANCE MEASURES ..... 2**

    A. The National Environmental Policy Act..... 2

    B. Environmental Commitments ..... 2

**III. IMPLEMENTATION AND MONITORING OF COMMITMENTS..... 3**

    A. Roles and Responsibilities ..... 5

    B. Implementation of Mitigation Measures ..... 6

    C. Monitoring Implementation of Mitigation Measures..... 6

    D. Environmental Commitment E-2: Annual Surveys ..... 7

**LIST OF TABLES**

Table 1. Roles and Responsibilities ..... 5

Table 2. Environmental Commitments ..... 12

Table 3. Permits ..... 43

Table A-1. Waters Summary Table ..... 71

**LIST OF FIGURES**

Figure A-1. Construction Limits within Area of Horseshoe Farm ..... 47

Figure A-2. Water Resources..... 48

Figure A-3. Sound Barrier Locations..... 70

**APPENDIX A**

FIGURES, SPECIAL PROVISION FOR MIGRATORY BIRDS, ADDITIONAL TABLES

**LIST OF ACRONYMS**

CEPP	Comprehensive Environmental Protection Program
CMP	Construction Monitoring Plan
CP	Communication Plan
DB	Design Build

DEA	Draft Environmental Assessment
EA	Environmental Assessment
ECMP	Environmental Compliance and Mitigation Plan
ECT	Environmental Commitments Table
EMS	Environmental Management System
EPTP	Environmental Protection Training Plan
FEA	Final Environmental Assessment
FHWA	Federal Highway Administration
GDOT	Georgia Department of Transportation
HMMP	Hazardous Materials Management Plan
ITS	Intelligent Transportation System
MMS	Mitigation Measure Status
NEPA	National Environmental Policy Act
NTP	Notice to Proceed
PHOH	Public Hearing Open House
RP	Recycling Plan
SRTA	Georgia State Road and Tollway Authority

## I. PROJECT DESCRIPTION

The Georgia Department of Transportation (GDOT), in cooperation with the Federal Highway Administration (FHWA), is proposing the construction of managed lanes in Henry and Clayton Counties on Interstate 75 (I-75) south of Atlanta. Managed lanes are highway facilities or a set of lanes where operational strategies are proactively implemented and managed in response to changing conditions. Managed lanes seek to optimize efficiency and performance by offering travel time savings and reliability through the limiting of access to the lanes using either tolls or vehicle occupancy requirements.

The project includes the construction of reversible, barrier-separated, managed lanes and Intelligent Transportation System (ITS) infrastructure along I-75 in Henry County and Clayton Counties. In Henry County, the ITS improvements begin 2.1 miles south of the I-75 bridge over SR 155 and continue north along both I-75 and I-675 into Clayton County. Along I-75, the ITS component of the project ends 2.1 miles north of the I-75 southbound off-ramp to SR 138 (Stockbridge Highway) and along I-675, it ends 2.1 miles north of SR 138. The total project length including the ITS component is 17.94 miles.

The managed lanes begin in Henry County at the I-75 bridge over SR 155 and end in Clayton County approximately 600 feet south of the I-75 southbound on-ramp from SR 138 and at SR 138 on I-675, for a total length of 12.24 miles. From SR 155 to approximately one mile south of Mt. Carmel Road, a single managed lane will be constructed. The single lane will then transition to two reversible lanes, which will continue to the northern terminus of the facility, where they will diverge, providing access to the I-75 general purpose lanes and a direct single-lane connection to the median of I-675, where the lane will then connect to the I-675 general purpose lanes.

The following additional improvements are also proposed as part of the project:

- Replacement of existing Mt. Carmel Road bridge with a new two-lane, two-span bridge to accommodate the reversible-lanes typical section and the widening of the general-purpose lanes along I-75;
- A dedicated access ramp that will allow connection to the express toll lanes from Jonesboro Road at Foster Drive, just east of the Jonesboro interchange with I-75. The ramp will require partial acquisition of three parcels for right-of-way;
- Installation of a traffic signal and a left-turn turn lane along the northbound leg of the intersection of Mt. Carmel Road and Jonesboro Road to meet future demand;
- Widening of the existing I-75 overpass bridge at Flippen Road to accommodate the reversible-lanes typical section;
- Addition of a new single span I-675 bridge over the I-75 northbound lanes to provide a dedicated connection to I-675;
- A dedicated 150-foot right-turn lane along the southbound leg of Industrial Boulevard at SR 20 to reduce the overall delay at the intersection;
- Modification of the southbound right turn movement at the intersection of SR 20 and I-75 southbound ramp to a free flow movement in order to reduce delay at the intersection and improve the overall LOS of the intersection. The existing right-turn lane along westbound SR 20 would be restriped and used as the third receiving lane. This third lane will then become exclusive right-turn lane at the intersection of SR 20 and NEC Drive;

- Addition of a 150-foot right-turn lane along the southbound approach of Industrial Boulevard at its intersection with SR 155. This will reduce the overall delay at the intersection.

## **II. ENVIRONMENTAL COMPLIANCE MEASURES**

### **A. The National Environmental Policy Act**

The proposed Interstate 75 Managed Lanes project is being developed in compliance with the FHWA's implementing regulations for the National Environmental Policy Act (NEPA) (23 CFR 771). NEPA (42 USC 4321-4347, as amended) mandates that "all agencies of the Federal Government shall...utilize a systematic, interdisciplinary approach which will ensure the integrated use of the natural and social sciences...in planning and decision-making which may have an impact on man's environment...and include the environmental impact of the proposed action, any adverse environmental effects which cannot be avoided should the proposal be implemented, and alternatives to the proposed action."

In accordance with NEPA, the environmental impacts of the proposed project are documented in a Final Environmental Assessment (FEA). The FEA reports the environmental impacts of the project and documents that all feasible prudent measures have been taken to avoid, minimize, and mitigate environmental impacts. The Draft version of the EA (DEA) is complete, was approved by FHWA on March 12, 2013, and made available for public comment in March, 2013. Public Hearing Open Houses (PHOHs) were held April 23 and 25, 2013. The DEA has been revised into a final EA and all PHOH public comments are reviewed and recommended project changes are considered. The FEA could be completed in the Summer of 2013.

### **B. Environmental Commitments**

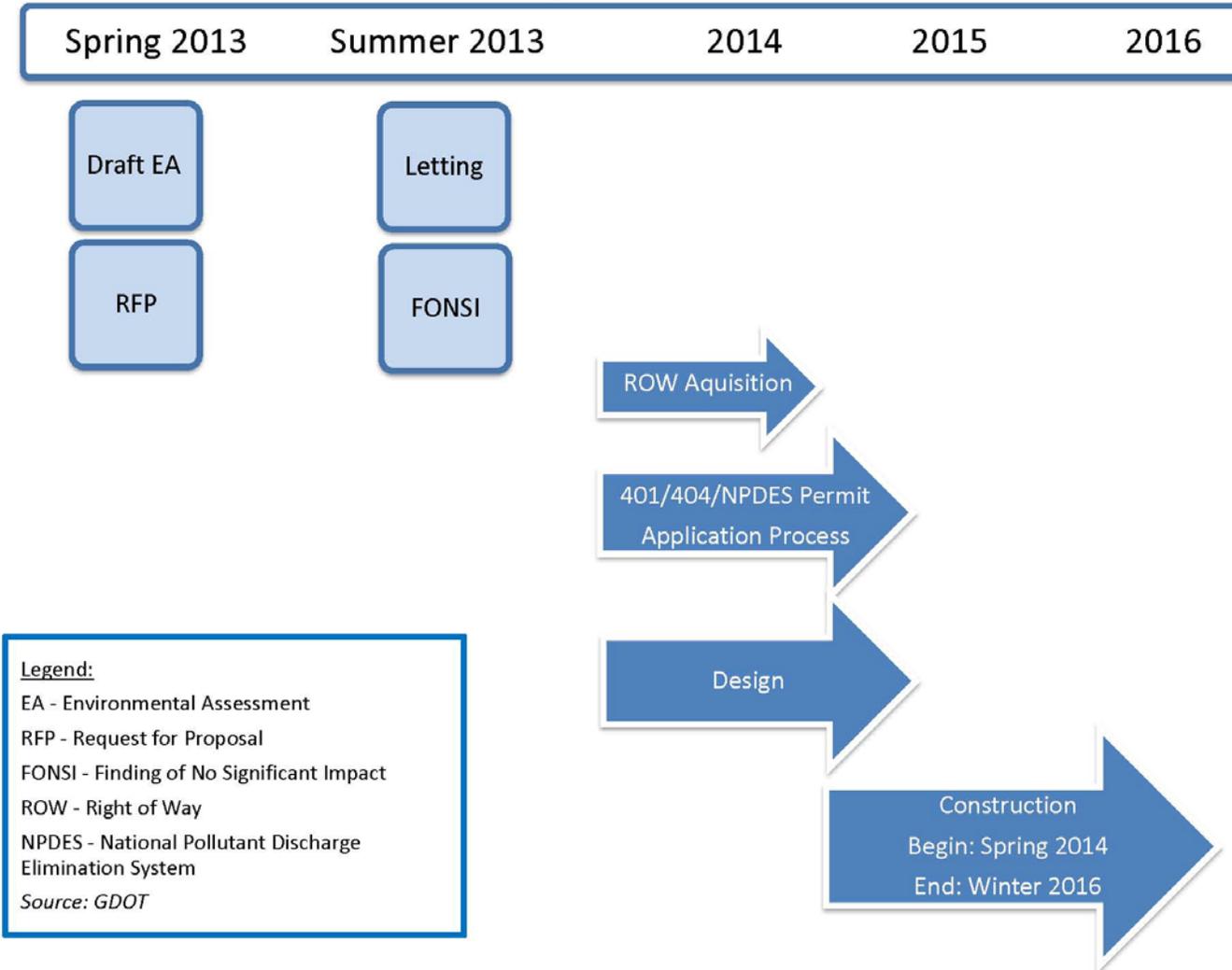
The FEA for this project includes a substantial number of environmental commitments. These commitments are listed in the Environmental Commitments Table (ECT) shown in Table 2 and Table 3. The commitments fall into two categories: those that assure that environmental impacts are avoided or minimized and those that mitigate for impacts that cannot be avoided. The vast majority of the commitments in Tables 2 and 3 fall into the first category, i.e., they assure that impacts are avoided or minimized to the extent documented in the EA. For example, most of the commitments are to delineate environmental resources, especially stream channels and stream buffers, on the plans so that the contractor knows to what extent, if any, construction activities may encroach on the resource. For all projects, the Commitments Table is kept on the project site and utilized by the contractor to avoid environmental impacts that are not allowed under the approved environmental document.

Environmental impacts and commitments as reported in the DEA and subsequent environmental documents are subject to revision. The EA estimates impacts from conceptual layouts, but these impacts may change as plans are developed. Impacts and commitments may also change as a result of agency consultations, public outreach, permit conditions, and/or the enactment of new laws, regulations, and policies. Pursuant to 23 CFR 771.129 and Section XI of FHWA Technical Advisory 6640.8, any changes in environmental impacts would be assessed in a Reevaluation of the EA. The ECT would be updated as part of a reevaluation process.

### **III. IMPLEMENTATION AND MONITORING OF COMMITMENTS**

The proposed timeline for implementation of the I-75 Managed Lanes Project appears in Figure 1. A somewhat unique feature is that the project will be implemented through a design build (DB) process. How the design build process works and how the implementation of environmental commitments will be ensured throughout the process are discussed below.

Figure 1  
Proposed Timeline



## A. Roles and Responsibilities

The I-75 Managed Lanes project’s proposed delivery is as a DB project through GDOT’s Office of Innovative Program Delivery. A DB team consisting of a contractor and design engineer would provide design, utility relocation, right-of-way acquisition, tolling coordination, and construction services. This differs from typical Design-Bid-Build transportation improvement projects where all engineering design is completed, construction documents are prepared, construction bids are solicited, a contractor is selected, and a notice to proceed (NTP) is issued to initiate construction activities. In contrast, the DB delivery method would overlap the completion of engineering design and the start of construction activities. The advantages include shorter construction duration, earlier use of the facility, improved efficiency with design and contractor collaboration, as well as greater cost certainty. Responsibility for operations, maintenance, tolling, and long-term financing would be the responsibility of the state.

**Table 1** identifies and defines the parties and their respective responsibilities.

**Table 1. Roles and Responsibilities**

<b>Responsible Party</b>	<b>Scope of Responsibilities</b>	<b>Tracking and Reporting Method</b>
GDOT	Planning and operation of the project. Enforcement and oversight of mitigation measures during design and construction. Execution of mitigation measures after construction.	The GDOT Project manager would utilize the <i>Environmental Management System (EMS)</i> to track compliance with the environmental commitments.
DB Team	Execution of mitigation measures during design and construction.	The DB Team would follow procedures defined in the <i>Environmental Compliance and Mitigation Plan (ECMP)</i> and would track compliance utilizing an <i>Environmental Management System (EMS)</i> .
FHWA	Oversight	Review documentation

The DB team would be required to develop, operate, and maintain a Comprehensive Environmental Protection Program (CEPP) to ensure compliance with all applicable environmental laws and commitments. One of the requirements of the CEPP includes the development of an Environmental Compliance and Mitigation Plan (ECMP) to track the implementation of mitigation measures. The ECMP would be finalized following the approval of an environmental document. GDOT is the party responsible for ensuring compliance with the ECMP.

## **B. Implementation of Mitigation Measures**

The monitoring and tracking during construction are important because the commitments must be implemented during construction and some mitigation measures can be incorporated into the design, construction, or operational phase of the project.

The DB team is legally bound to complete the environmental commitments, including the mitigation measures, through the Contractual Agreement. As a part of the contract, the DB team is required to develop and implement the CEPP. The purpose of the CEPP, as stated above, is to ensure compliance with all applicable environmental laws. The CEPP would define the legal requirements as well as the process and procedures to protect the environment as identified in the NEPA process. The CEPP is required to include the following components:

- Environmental Management System (EMS);
- Environmental Compliance and Mitigation Plan (ECMP);
- Environmental Protection Training Plan (EPTP);
- Hazardous Materials Management Plan (HMMP);
- Communication Plan (CP);
- Construction Monitoring Plan (CMP); and
- Recycling Plan (RP).

The ECMP is a critical part of the CEPP and assigns responsibilities in detail, establishes procedures for compliance, and creates a schedule, including checkpoints, to ensure compliance with all environmental laws and approvals. The ECMP incorporates the environmental commitments and mitigation measures specified in the NEPA process.

## **C. Monitoring Implementation of Mitigation Measures**

A Mitigation Measure Status (MMS) report form would be utilized by the GDOT and the DB team to document the implementation of the environmental commitments and mitigation measures, as identified in the ECT, throughout the remainder of the project process. GDOT would be responsible for completing the forms for post-construction and right-of-way phase commitments. The DB team would be responsible for completing the forms for pre-construction and construction commitments.

All information on the report forms would be entered into an Environmental Management System (EMS) that would be developed for the project. The EMS would be an electronic, web-based system with access 24 hours per day, 7 days per week, during the construction process. GDOT and FHWA would also have access to the EMS. The DB team would relinquish control of the EMS to GDOT at the completion of construction of the project so that GDOT can then track post-construction commitments and mitigation.

The MMS report forms would document the monitoring and completion of each environmental commitment and mitigation measure. Each form would be completed by the party responsible for a particular commitment or mitigation measure, some of which may require additional reporting and documentation. The appropriate person who can confirm that the information on the form is accurate and reflects the actual status of the commitment or mitigation measure

would complete the form. The DB team would prepare and deliver monthly status reports to GDOT and FHWA.

Applicable information from the MMS report forms would be entered into the EMS to document the status for all parties. This makes available the actual status of each commitment or mitigation measure, in particular, projected and actual completion dates, to all responsible parties. The database would display the planning elements for each commitment or mitigation measure and would be updated by GDOT personnel monthly upon receipt of the forms.

GDOT's Office of Innovative Program Delivery would conduct audits to ensure that the environmental commitments and mitigation measures are being implemented properly and on-time. The quality assurance of recordkeeping is crucial to providing documentation of full compliance with the environmental commitments. A compliance audit would be successful if:

- Accurate implementation and status information is readily available;
- Documentation on implementation is complete; and
- Tracking and reporting is being carried out in accordance with the approved mitigation monitoring plan.

The results of the audit may be used to identify incorrect implementation and/or insufficient progress in incorporating or implementing environmental commitments or mitigation measures. If progress is not sufficient or incorrect, FHWA and GDOT may consider requiring corrective action from the contractor for any major audit findings. A follow-up audit may be conducted to ensure that corrective actions for all audit findings are completed and correctly addressed.

As noted previously, the FEA for the project includes an ECT, that, for this document, is separated into environmental commitments as listed in Table 2 and permits required for the project in Table 3.

#### **D. Environmental Commitment E-2: Annual Surveys**

Additional detail is provided here regarding Environmental Commitment E-2: Annual surveys of users over a three-year period will be conducted; dissemination of monitoring information will be provided on the State Road and Tollway Authority (SRTA) and GDOT websites. While the data gathered from these surveys may not enable near-term mitigation with this particular toll project, it will be available to assist in making decisions about any future toll-related projects that might be studied in the future.

The responsible party for this environmental commitment is the GDOT Office of Innovative Program Delivery.

##### **1. Purpose**

The purpose of the surveys is to obtain socioeconomic characteristics of those individuals using both the priced managed lanes and the general purpose and gather information on the mode of travel, frequency of use, reasons for use, travel-time savings, and trip-time reliability experienced by these individuals in order to draw conclusion about the priced managed lanes to better facilitate usage. GDOT will determine the best means for conducting these surveys and set the scope of work in order to carry out the environmental commitment to the best extent practicable.

## **2. Survey Methodology**

The survey protocol will be similar to the methodology used on other managed lanes facilities including, but not limited to, similar facilities in California, Florida, Minnesota, Texas, and Washington.

The survey will use industry best practices. The general survey requirements must meet the requirements of the environmental commitment, and include:

- Statistically significant sample size, including adequate representation of low-income respondents;
- Confidence level that meets best practices;
- Margin of error that meets best practices;
- Various methods to collect pertinent data as needed.

Data collection is expected in various languages in order to reach the Environmental Justice populations living in and traveling through the corridor.

The survey may be subject to refinement to meet the intent of the environmental commitment.

## **3. Schedule**

Annual surveys would be conducted for three years for usage of the priced managed lanes from and including the opening year. The anticipated scope of work includes:

- A survey conducted prior to project opening as a benchmark.
- A survey conducted during the first year of operations and on an annual basis for the subsequent two years. It is anticipated that data collection would occur during the first 12 months of operations and repeated for the next two years.
- An approximate 6-9 month timeframe is anticipated for data processing and the preparation of the report. This means that a draft report on the first 12 months of operations will be available approximately 18-21 months after the project opens to traffic.

A detailed schedule for these activities can be seen in the appendix.

## **4. Responsibilities**

GDOT will be the responsible agency for overseeing the surveys. GDOT will determine the best means to implement the scope of work. It is anticipated that GDOT will engage an academic institution, marketing firm, or other entity with experience in conducting surveys. This entity will be tasked in developing the questions to achieve the environmental commitment requirements. GDOT will assist in the coordination with transit operators, vanpool governing agencies, and other managed lanes users. Transit operators will be coordinated with for conducting onboard surveys or other various data requests.

## **5. Baseline Household Panel Survey: Travel Behavior and Attitudes**

A household panel survey of I-75 corridor travelers would be conducted prior to the opening year to collect baseline measures of travel behavior and attitudes prior to the implementation of the Express Lanes.

## 6. Survey Questions During Operations

Survey questions may include but are not limited to the following topics:

- Mode of transportation
- Time of journey to work
- Origin and Destination
  - Closest cross street for the location of origin
  - Closest cross street for the location of destination
  - Zip code for the location of origin
  - Zip code for the location of destination
- Number of miles to work
- Average commute times: home to work, from work to home
- Typical route to work
- Departure time from work to home
- Number of days that work trip is completed
- Did the managed lane play a part in formation of carpool, vanpool or transit use?
- Socioeconomic questions:
  - Annual household income
  - Gender
  - Ethnicity
  - Age
  - Family size

Managed Lanes Experience – these questions will focus on the characteristics of users' trips using the managed lanes, including quantitative data related to these trips, and also users' stated perceptions and opinions of the managed lanes:

- Experience on the corridor prior to the priced managed lanes opening
- Experience on the corridor after to the priced managed lanes opening
- Frequency of managed lane use
- Typical toll – typical monthly costs, range of toll rate, what do you do with information?
- Satisfaction of trip
- Perceived fairness of tolling
- Suggested improvements

GDOT will determine the best use of the data collected. Partnering agencies and other stakeholders may be engaged to develop improvements to the managed lanes.

## **7. Traffic Performance Measures**

Data for the evaluation may be provided by the Georgia Department of Transportation (GDOT)'s Freeway Management System – the NaviGator System.

Performance measures may include but are not limited to:

- Travel time and travel speeds,
- Travel time reliability,
- Vehicle throughput, and
- Users' perceptions of congestion.

## **8. Tolling Analysis**

Tolling analysis would be conducted with information from the State Road and Tollway Authority.

- Peak toll rate
- Average toll rate
- Number of trips

## **9. Transit**

- How long have you been making this commute?
- General commute times,
- Route Number,
- Origin / Destination,
- Mode – carpool, transit, vanpool,
- Others modes used? e.g. Drive alone to park and ride

## **10. Transit Analysis**

Transit riders would be surveyed to measure travel time, wait time at the stop, reliability of service, and availability of seating. Ridership and a mode shift to transit would be analyzed.

## **11. Transit User Perceptions**

On-board survey of GRTA Xpress riders and other transit providers.

## **12. Park and Ride Lot Use**

Park and ride lot use, as measured by occupancy counts, would be collected.

## **13. Peach Pass Accounts and Transponders**

Peach Pass account holders would be surveyed. Analysis would be conducted to see the effect of adding the managed lanes project. Coordination with SRTA will occur to prepare GIS layout of corridor users and overlay with census data in order to develop socioeconomic profile of users.

Survey questions may include but are not limited to:

- How many occupants are in your vehicle?
- Did the toll rate play a role in the development of a carpool?
- Do the transponder owner and the carpooler participants share in the costs of toll?
- How often do you commute to work each week?
- How often do you use the managed lanes?

**Table 2. Environmental Commitments**

<b>ECT Number</b>	<b>Commitment/ Requirement</b>	<b>Notes</b>	<b>Party Responsible for Implementing Mitigation</b>	<b>Timeframe</b>	<b>Contact</b>
A-1 Historic Horseshoe Farm	No Adverse Effect; Refer to Plan Note C-1	Historic Resources graphic from the EA appears in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-2 Rowan House	No Adverse Effect, Refer to Plan Note C-1	Historic Resources graphic from the EA appears in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-3 Brennan Farm	No Adverse Effect, Refer to Plan Note C-1	Historic Resources graphic from the EA appears in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-4 Intermittent Stream 1a	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-5 IS 1a buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-6 Perennial Stream 1b	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-7 PS 1b buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery

**Table 2. Environmental Commitments**

<b>ECT Number</b>	<b>Commitment/ Requirement</b>	<b>Notes</b>	<b>Party Responsible for Implementing Mitigation</b>	<b>Timeframe</b>	<b>Contact</b>
A-8 Intermittent Stream 1c	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-9 IS 1c buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-10 Ephemeral Stream 1c-1	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-11 1c-1 buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-12 Intermittent Stream 1c-2	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-13 1c-2 buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-14 Intermittent Stream 1d	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery

**Table 2. Environmental Commitments**

<b>ECT Number</b>	<b>Commitment/ Requirement</b>	<b>Notes</b>	<b>Party Responsible for Implementing Mitigation</b>	<b>Timeframe</b>	<b>Contact</b>
A-15 IS 1d buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-16 WL 1d-1	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-17 Perennial Stream 1e	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-18 PS 1e buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-19 Ephemeral Stream 1e-1	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-20 1e-1 buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-21 Intermittent Stream 1e-2	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery

**Table 2. Environmental Commitments**

<b>ECT Number</b>	<b>Commitment/ Requirement</b>	<b>Notes</b>	<b>Party Responsible for Implementing Mitigation</b>	<b>Timeframe</b>	<b>Contact</b>
A-22 1e-2 buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-23 Perennial Stream 1e-3	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-24 1e-3 buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-25 Ephemeral Stream 1e-4	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-26 1e-4 buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-27 Intermittent Stream 1f	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-28 IS 1f buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery

**Table 2. Environmental Commitments**

<b>ECT Number</b>	<b>Commitment/ Requirement</b>	<b>Notes</b>	<b>Party Responsible for Implementing Mitigation</b>	<b>Timeframe</b>	<b>Contact</b>
A-29 Intermittent Stream 1g	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-30 IS 1g buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-31 NBSW 1h	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-32 Detention Basin 1i	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-33 1i buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-34 Intermittent Stream 1j	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-35 IS 1j buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery

**Table 2. Environmental Commitments**

<b>ECT Number</b>	<b>Commitment/ Requirement</b>	<b>Notes</b>	<b>Party Responsible for Implementing Mitigation</b>	<b>Timeframe</b>	<b>Contact</b>
A-36 Intermittent Stream 1k	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-37 IS 1k buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-38 Intermittent Stream 1l	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-39 IS 1l buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-40 Wetland 1m	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-41 Intermittent Stream 1n	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-42 IS 1n buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery

**Table 2. Environmental Commitments**

<b>ECT Number</b>	<b>Commitment/ Requirement</b>	<b>Notes</b>	<b>Party Responsible for Implementing Mitigation</b>	<b>Timeframe</b>	<b>Contact</b>
A-43 Perennial Stream 1o	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-44 PS 1o buffer	Buffer Variance Required; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-45 Wetland 1p	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-46 Perennial Stream 1	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-47 PS 1 buffer	Buffer Variance Required; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-48 Intermittent Stream 2a	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-49 IS 2a buffer	Buffer Variance Required; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-50 Wetland 2b	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-51 Wetland 2c	0.23 acre of permanent impact; 0.10 ac of conversion impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services

**Table 2. Environmental Commitments**

<b>ECT Number</b>	<b>Commitment/ Requirement</b>	<b>Notes</b>	<b>Party Responsible for Implementing Mitigation</b>	<b>Timeframe</b>	<b>Contact</b>
A-52 Intermittent Stream 2d	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-53 IS 2d buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-54 Wetland 2e	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-55 Wetland 2f	0.002 ac of permanent impact; 0.006 ac of conversion impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-56 Perennial Stream 2	55 linear feet (0.023 ac) permanent impact; 0.0 temporary impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-57 PS 2 buffer	Buffer Variance Required; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-58 Wetland 2g	0.27 acre of permanent impact; 0.04 of conversion impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-59 Wetland 2h	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery

**Table 2. Environmental Commitments**

<b>ECT Number</b>	<b>Commitment/ Requirement</b>	<b>Notes</b>	<b>Party Responsible for Implementing Mitigation</b>	<b>Timeframe</b>	<b>Contact</b>
A-60 Intermittent Stream 2i	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-61 IS 2i buffer	Buffer Variance Required; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-62 Intermittent Stream 2j	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-63 IS 2j buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-64 Wetland 2k	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-65 Perennial Stream 2l	267 linear feet (0.06 ac) permanent impact; 0.0 temporary impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-66 PS 2l buffer	Buffer Variance Required; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-67 Perennial Stream 3	40 linear feet (0.023 ac) permanent impact; 0.0 temporary impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-68 PS 3 buffer	Anticipated Buffer Impacts Exempted; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services

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<b>ECT Number</b>	<b>Commitment/ Requirement</b>	<b>Notes</b>	<b>Party Responsible for Implementing Mitigation</b>	<b>Timeframe</b>	<b>Contact</b>
A-69 Wetland 3a	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-70 Intermittent Stream 3b	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-71 IS 3b buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-72 Wetland 3c	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-73 WL 4	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-74 Intermittent Stream 5	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-75 IS 5 buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery

**Table 2. Environmental Commitments**

<b>ECT Number</b>	<b>Commitment/ Requirement</b>	<b>Notes</b>	<b>Party Responsible for Implementing Mitigation</b>	<b>Timeframe</b>	<b>Contact</b>
A-76 Intermittent Stream 6	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-77 IS 6 buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-78 NBSW 7	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-79 Detention Basin 7a	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-80 Intermittent Stream 8	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-81 IS 8 buffer	Buffer Variance Required Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-82 WL 9	0.001 ac of permanent impact; 0.006 ac of conversion impacts; 0.0 temporary impacts; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services

**Table 2. Environmental Commitments**

<b>ECT Number</b>	<b>Commitment/ Requirement</b>	<b>Notes</b>	<b>Party Responsible for Implementing Mitigation</b>	<b>Timeframe</b>	<b>Contact</b>
A-83 WL 10	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-84 NBSW 11	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-85 NBSW 11a	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-86 Perennial Stream 12	105 linear feet (0.06 ac) permanent impact; 0.0 temporary impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-87 PS 12 buffer	Anticipated Buffer Impacts Exempted; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-88 WL 12a	0.30 ac of permanent impact; 0.28 of conversion impact; 0.0 temporary impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-89 Intermittent Stream 12b	150 linear feet (0.021 ac) of impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-90 IS 12b buffer	Buffer Variance Required; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services

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<b>ECT Number</b>	<b>Commitment/ Requirement</b>	<b>Notes</b>	<b>Party Responsible for Implementing Mitigation</b>	<b>Timeframe</b>	<b>Contact</b>
A-91 Perennial Stream 12c	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-92 PS 12c buffer	Anticipated Buffer Impacts Exempted; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-93 Intermittent Stream 12d	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-94 IS 12d buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-95 Intermittent Stream 12e	72 linear feet (0.01 ac) of impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-96 IS 12e buffer	Anticipated Buffer Impacts Exempted; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-97 WL 12f	0.44 ac of permanent impact; 0.05 ac of conversion impact; 0.0 temporary impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-98 Perennial Stream 12g	140 linear feet (0.039 ac) of permanent impacts; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-99 PS 12g buffer	Anticipated Buffer Impacts Exempted; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services

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<b>ECT Number</b>	<b>Commitment/ Requirement</b>	<b>Notes</b>	<b>Party Responsible for Implementing Mitigation</b>	<b>Timeframe</b>	<b>Contact</b>
A-100 WL 12h	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-101 WL 12i	0.11 acre of permanent fill impact; 0.03 ac of conversion impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-102 Perennial Stream 12j	146 linear feet (0.027 ac) permanent impact; 0.0 temporary impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-103 PS 12j buffer	Buffer Variance Required; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-104 WL 12k	0.001 acre of permanent fill impact; 0.002 ac of conversion impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-105 Intermittent Stream 12l	90 linear feet (0.012 ac) permanent impact; 0.0 temporary impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-106 IS 12l buffer	Anticipated Buffer Impacts Exempted; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-107 WL 13a	0.004 acre of conversion impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-108 Perennial Stream 13b	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-109 PS 13b buffer	Buffer Variance Required; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services

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<b>ECT Number</b>	<b>Commitment/ Requirement</b>	<b>Notes</b>	<b>Party Responsible for Implementing Mitigation</b>	<b>Timeframe</b>	<b>Contact</b>
A-110 WL 13c	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-111 Perennial Stream 13	38 linear feet (0.01 ac) permanent impact; 0.0 temporary impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-112 PS 13 buffer	Buffer Variance Required; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-113 WL 13d	0.01 ac of permanent fill impact; 0.002 ac of conversion impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-114 Intermittent Stream 13e	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-115 IS 13e buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-116 WL 13f	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-117 Perennial Stream 13g	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery

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<b>ECT Number</b>	<b>Commitment/ Requirement</b>	<b>Notes</b>	<b>Party Responsible for Implementing Mitigation</b>	<b>Timeframe</b>	<b>Contact</b>
A-118 PS 13g buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-119 Ephemeral Stream 13h	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-120 13h buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-121 Intermittent Stream 13i	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-122 IS 13i buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-123 Intermittent Stream 13j	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-124 IS 13j buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery

**Table 2. Environmental Commitments**

<b>ECT Number</b>	<b>Commitment/ Requirement</b>	<b>Notes</b>	<b>Party Responsible for Implementing Mitigation</b>	<b>Timeframe</b>	<b>Contact</b>
A-125 Ephemeral Stream 13k	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-126 13k buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-127 Intermittent Stream 14	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-128 IS 14 buffer	Buffer Variance Required; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-129 Perennial Stream 15	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-130 PS 15 buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-131 Wetland 16a	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-132 Perennial Stream 16	46 linear feet (0.049 ac) permanent impact; 0.0 temporary impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services

**Table 2. Environmental Commitments**

<b>ECT Number</b>	<b>Commitment/ Requirement</b>	<b>Notes</b>	<b>Party Responsible for Implementing Mitigation</b>	<b>Timeframe</b>	<b>Contact</b>
A-133 PS 16 buffer	Anticipated Buffer Impacts Exempted; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-134 Intermittent Stream 16b	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-135 IS 16b buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-136 WL 17	0.023 ac. permanent impact; 0.0 temporary impact; Refer to Plan - Note C-1, Permit D-2, and Mitigation D-3	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-137 WL 18	0.15 ac permanent impact; 0.04 ac of conversion impacts; 0.0 temporary impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-138 WL 19a	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-139 Intermittent Stream 19	28 linear feet (0.003 ac) permanent impact; 0.0 temporary impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-140 IS 19 buffer	Buffer Variance Required; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services

**Table 2. Environmental Commitments**

<b>ECT Number</b>	<b>Commitment/ Requirement</b>	<b>Notes</b>	<b>Party Responsible for Implementing Mitigation</b>	<b>Timeframe</b>	<b>Contact</b>
A-141 Ephemeral Stream 19b	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-142 19b buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-143 WL 19c	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-144 Intermittent Stream 19d	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-145 IS 19d buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-146 WL 19e	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-147 Ephemeral Stream 19f	100 linear feet (0.009 ac) of permanent impact; 0.0 temporary impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services

**Table 2. Environmental Commitments**

<b>ECT Number</b>	<b>Commitment/ Requirement</b>	<b>Notes</b>	<b>Party Responsible for Implementing Mitigation</b>	<b>Timeframe</b>	<b>Contact</b>
A-148 19f buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-149 Perennial Stream 20a	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-150 PS 20a buffer	Buffer Variance Required; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-151 Intermittent Stream 20	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-152 IS 20 buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-153 Perennial Stream 21	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-154 PS 21 buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery

**Table 2. Environmental Commitments**

<b>ECT Number</b>	<b>Commitment/ Requirement</b>	<b>Notes</b>	<b>Party Responsible for Implementing Mitigation</b>	<b>Timeframe</b>	<b>Contact</b>
A-155 Intermittent Stream 22	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-156 IS 22 buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-157 Ephemeral Stream 23a	25 linear feet (0.001 ac) permanent impact; 0.0 temporary impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-158 23a buffer	Anticipated Buffer Impacts Exempted; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-159 Intermittent Stream 23b	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-160 IS 23b buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-161 Perennial Stream 23c	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-162 PS 23c buffer	Buffer Variance Required; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services

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<b>ECT Number</b>	<b>Commitment/ Requirement</b>	<b>Notes</b>	<b>Party Responsible for Implementing Mitigation</b>	<b>Timeframe</b>	<b>Contact</b>
A-163 Intermittent Stream 23d	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-164 IS 23d buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-165 Intermittent Stream 23e	58 linear feet (0.004 ac) permanent impact; 0.0 temporary impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-166 IS 23e buffer	Buffer Variance Required; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-167 Perennial Stream 23	121 linear feet (0.061 ac) permanent impact; 0.0 temporary impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-168 PS 23 buffer	Anticipated Buffer Impacts Exempted; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-169 Perennial Stream 23f	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-170 PS 23f buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery

**Table 2. Environmental Commitments**

<b>ECT Number</b>	<b>Commitment/ Requirement</b>	<b>Notes</b>	<b>Party Responsible for Implementing Mitigation</b>	<b>Timeframe</b>	<b>Contact</b>
A-171 Intermittent Stream 24	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-172 IS 24 buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-173 NBSW 25	20 linear feet (0.001 ac.) permanent impact; 0.0 temporary impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-174 NBSW 26	70 linear feet (0.010 ac.) permanent impact; 0.0 temporary impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-175 NBSW 27	20 linear feet (0.002 ac.) permanent impact; 0.0 temporary impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	DB team with oversight by GDOT.	To be delineated on plans prior to plan approval.	GDOT Office of Environmental Services
A-176 NBSW 27a	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-177 NBSW 27a-1	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-178 Ephemeral Channel 27b	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery

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<b>ECT Number</b>	<b>Commitment/ Requirement</b>	<b>Notes</b>	<b>Party Responsible for Implementing Mitigation</b>	<b>Timeframe</b>	<b>Contact</b>
A-179 Detention Basin 27b-1	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-180 Detention Basin 27b-1 buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-181 NBSW 27c	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-182 NBSW 27d	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-183 Intermittent Stream 27e	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-184 IS 27e buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-185 Open Water 27e-1	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery

**Table 2. Environmental Commitments**

<b>ECT Number</b>	<b>Commitment/ Requirement</b>	<b>Notes</b>	<b>Party Responsible for Implementing Mitigation</b>	<b>Timeframe</b>	<b>Contact</b>
A-186 WL 27f	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-187 NBSW 27g	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-188 Intermittent Stream 27h	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-189 IS 27h buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-190 Intermittent Stream 27i	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-191 IS 27i buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-192 NBSW 27j	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery

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<b>ECT Number</b>	<b>Commitment/ Requirement</b>	<b>Notes</b>	<b>Party Responsible for Implementing Mitigation</b>	<b>Timeframe</b>	<b>Contact</b>
A-193 Intermittent Stream 27k	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-194 IS 27k buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-195 Ephemeral Stream 27k-1	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-196 IS 27k-1 buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-197 Perennial Stream 27l	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-198 PS buffer 27l	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-199 WL 27m	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery

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<b>ECT Number</b>	<b>Commitment/ Requirement</b>	<b>Notes</b>	<b>Party Responsible for Implementing Mitigation</b>	<b>Timeframe</b>	<b>Contact</b>
A-200 WL 27m-1	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-201 Intermittent Stream 27n	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-202 IS 27n buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-203 Intermittent Stream 27n-1	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-204 IS 27n-1 buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-205 Ephemeral Stream 27n-2	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-206 27n-2 buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery

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<b>ECT Number</b>	<b>Commitment/ Requirement</b>	<b>Notes</b>	<b>Party Responsible for Implementing Mitigation</b>	<b>Timeframe</b>	<b>Contact</b>
A-207 NBSW 27o	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-208 NBSW 27p	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-209 NBSW 27q	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-210 NBSW 27r	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-211 Intermittent Stream 27s	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-212 IS 27s buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-213 NBSW 27t	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery

**Table 2. Environmental Commitments**

ECT Number	Commitment/ Requirement	Notes	Party Responsible for Implementing Mitigation	Timeframe	Contact
A-214 Intermittent Stream 27u	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
A-215 IS 27u buffer	0.00 acre of impact; Refer to Plan Note C-1	Water Resources graphics from the EA appear in Appendix A.	GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery
B-1	Adherence to SP 107.23G: Protection of Federally Protect Species	<p>Work on bridges and culverts shall take place outside of the breeding and nesting season of phoebes and swallows, which begins April 1 and extends through August 31, unless exclusionary barriers are put in place to prevent birds from nesting beneath the existing bridge. Exclusionary devices in the form of netting made of plastic, canvas or other materials that are proposed by the contractor may be installed on the bridge(s) prior to March 1 or after August 31, but in no time in between this period.</p> <p>For the protection of the Altamaha shiner, equipment staging areas and equipment maintenance areas shall be located at least 200 feet from the banks of Stream #16. All disturbed soil, excavation spoil and stockpiled materials shall be placed at least 200 feet away from the stream banks to prevent rain runoff into Stream #16. The Contractor shall not use pesticide or herbicides within 200 feet of Stream #16. Fertilizer shall only be used while grassing graded areas to achieve site stabilization. The Contractor shall notify the project engineer immediately in the event of an erosion control failure that allows discharge of sediment into the river. The project engineer in turn shall notify, State Environmental Administrator, GDOT, OES.</p>	DB Team with oversight by GDOT. GDOT will include the special provision prepared for the EA in the RFP (Appendix A).	Before and during construction.	GDOT Office of Environmental Services
C-1	“See Environmental Resources Impact Table in the General Notes for Construction Restrictions” to be included on all plan sheets with resources delineated as ESAs, which are delineated with orange barrier fencing.		GDOT for Right-of-Way Plans; DB team for construction plans and during construction.	Included on plans before plan approval. Construction boundaries maintained during construction.	GDOT Office of Innovative Program Delivery

**Table 2. Environmental Commitments**

<b>ECT Number</b>	<b>Commitment/ Requirement</b>	<b>Notes</b>	<b>Party Responsible for Implementing Mitigation</b>	<b>Timeframe</b>	<b>Contact</b>
C-2	Noise Barriers 1, 2, 5, 6, 7, 8, 9, 10, and 11 included on plans.	A re-evaluation of the noise analysis will occur during final design. If, during final design, it has been determined that conditions have changed such that noise abatement is not feasible and reasonable, the abatement measures might not be provided. The final decision on the installation of any abatement measures(s) will be made upon completion of the project's final design and the public involvement processes.	DB Team with oversight by GDOT.	Coordination with property owners regarding the location of potential sound barriers will be conducted prior to the final decision on the installation of the sound barriers.	GDOT Office of Innovative Program Delivery
D-3	Obtain 6,095.9 stream mitigation credits and 16.2 wetland mitigation credits from a USACE approved commercial mitigation bank servicing HUC 03070103.	Mitigation is being provided for the unavoidable permanent impacts to 1,356 linear feet of streams and 2.09 acres of wetlands.	GDOT will obtain the mitigation based on approved construction developed by the DB team.	Prior to construction.	GDOT Office of Environmental Services
D-4	Obtain Stream Buffer Variance for encroachment of Streams 1, 1o, 2a, 2, 2i, 2l, 8, 12b, 12j, 13b, 13, 14, 19, 20a, 23c, and 23e buffers.	Water Resources graphics from the EA appear in Appendix A.	GDOT	Prior to construction.	GDOT Office of Environmental Services

**Table 2. Environmental Commitments**

<b>ECT Number</b>	<b>Commitment/ Requirement</b>	<b>Notes</b>	<b>Party Responsible for Implementing Mitigation</b>	<b>Timeframe</b>	<b>Contact</b>
E-1	Cash-based and cash-preferred customer solutions would be implemented to facilitate toll lane access to those who may need or prefer to purchase Peach Pass accounts with cash and in person rather than online and with a credit card. These cash-based and cash-preferred customer solutions would also entail providing additional locations for Peach Pass Purchase, including retail outlets. In addition, minimum required initial values and re-load amounts for the Peach pass will occur. Finally, the transaction cost associated with reloading the card would be set to minimize the financial impact to cash-based and cash-preferred customers.	Cash-option, walk-in customer service centers will be implemented.	GDOT and SRTA	Established and operational before opening of the facility	GDOT Office of Innovative Program Delivery
E-2	Annual surveys over a three-year period of users to be conducted; dissemination of survey information on SRTA and GDOT websites. While the data gathered from these surveys may not enable near-term mitigation with this particular toll project, it will be available to assist in making decisions about any future toll-related projects that may be studied in the future.	The surveys will occur annually to monitor usage.	GDOT and SRTA	Annually for three years after project opening.	GDOT Office of Innovative Program Delivery

**Table 2. Environmental Commitments**

<b>ECT Number</b>	<b>Commitment/ Requirement</b>	<b>Notes</b>	<b>Party Responsible for Implementing Mitigation</b>	<b>Timeframe</b>	<b>Contact</b>
E-3	Public outreach with property owners and tenants of benefited receptors regarding proposed noise abatement, per GDOT's July 2011 Policy will be conducted.		GDOT	Preconstruction	GDOT Office of Innovative Program Delivery
E-4	Construct Noise Walls if approved by property owners.		GDOT	Preconstruction	GDOT Office of Innovative Program Delivery
E-5	Post-construction	GDOT will monitor usage and access of the managed lane system. If future access modifications are needed, GDOT will initiate changes either as part of this project or will coordinate with the ARC for a future project.	GDOT	N/A	Incomplete

**Table 3. Permits**

<b>ECT Number/ Permit</b>	<b>Legislation/ Responsible Agency</b>	<b>Purpose</b>	<b>Party Responsible for Implementing Mitigation</b>	<b>Timeframe</b>
D-1/ National Pollutant Discharge Elimination System (NPDES) Permit	Clean Water Act/ Georgia Department of Natural Resources- Environmental Protection Division (EPD)	The Office of Bidding Administration and Construction Contractor will submit a Notice of Intent to the NPDES General Permit.	GDOT will lead coordination with EPD. DB team will prepare permit application.	Following award of the contract but prior to construction.
D-2/ Section 404 Permit	Clean Water Act/ US Army Corps of Engineers	Regulation of the discharge of the dredged, excavated, or fill material in wetlands, streams, rivers, and other US waters.	Permit is issued to GDOT by USACE.	Prior to start of construction.

APPENDIX A

FIGURES, SPECIAL PROVISION FOR MIGRATORY BIRDS, ADDITIONAL TABLES



August 21, 2012

Mr. Rodney Barry, P. E.  
Federal Highway Administration (FHWA)  
61 Forsyth Street, S.W., Suite 17T100  
Atlanta, Georgia 30303-3104  
Attn: Melinda Roberson

Subject: Northwest Corridor P3 Project  
P.I. No. 0008256  
Memorandum Regarding Cash-Based Customers

Dear Mr. Barry:

As a follow up to the letter sent to FHWA on August 1, 2012, the Department is providing you with the following additional information regarding the options for cash-based or cash-preferred customers to gain access to all electronic toll facilities without the need for an individual to set up a credit card based pre-paid account with SRTA.

The IVR system only supports English and Spanish at this time. SRTA has only received calls from one customer requesting help in another language (Vietnamese). To date, they have been able to respond to the customer, since a staff member at SRTA speaks Vietnamese. SRTA has contemplated adding a translation services vendor which will provide a live interpreter to translate calls into the Customer Service Center. If SRTA were to exercise this option, translation services could be provided for a broad range of languages such as:

- 1) Group 1: Spanish
- 2) Group 2: Chinese (Mandarin and Cantonese), French, Japanese, Korean, Russian, Vietnamese
- 3) Group 3: Armenian, Cambodian, German, Haitian Creole, Italian, Polish, Portuguese
- 4) Group 4: Farsi, Tagalog, Thai, Urdu and all other languages

A decision as to when to implement, as well as which languages, is simply a function of funding and need for the service. SRTA is still exploring language options for the InComm call center portion of the cash-based process.

Although the specific retail locations have not been identified at this time, InComm's network includes a broad variety of retail outlets that goes beyond just big chains stores. Their network includes:

- a. Drug
  - i. Walgreens
  - ii. CVS
  - iii. Rite Aid
- b. Convenience
  - i. 7-11
  - ii. Circle K
  - iii. Speedway
- c. Dollar
  - i. Family Dollar
  - ii. Dollar General

- iii. Fred's
- d. Big Box
  - i. Wal-Mart
  - ii. Target
  - iii. K Mart
- e. Electronics
  - i. Radio Shack
  - ii. Best Buy
  - iii. Office Depot
- f. Military
  - i. AAFES
  - ii. Navy
  - iii. Marines
  - iv. Coast Guard
- g. Independent retailers
  - i. Metro PCS
  - ii. Check cashers

The plan is to get specific geographical maps of their retail locations, but this will come a little later once SRTA determine distribution targets, locations and timetables.

In summary, the proposed system provides ease of access to the toll facilities for cash-based customers similar to what is currently provided to credit card-backed account customers. If you need further information or have any questions regarding this activity please contact Darryl VanMeter at 404-631-1703 or [dvanmeter@dot.ga.gov](mailto:dvanmeter@dot.ga.gov).

Sincerely,



Darryl D. VanMeter, P.E.  
State Innovative Program Delivery Engineer

DVM: jdh

Attachment

cc: Keith Golden, Commissioner  
Gerald Ross, Chief Engineer/P3 Director  
Toby Carr, Director of Planning  
Gena A. Evans, Executive Director, SRTA  
Chip Meeks, Innovative Finance Administrator  
Glenn Bowman, State Environmental Services Administrator

**Figure A-1. Construction Limits within Area of Horseshoe Farm**

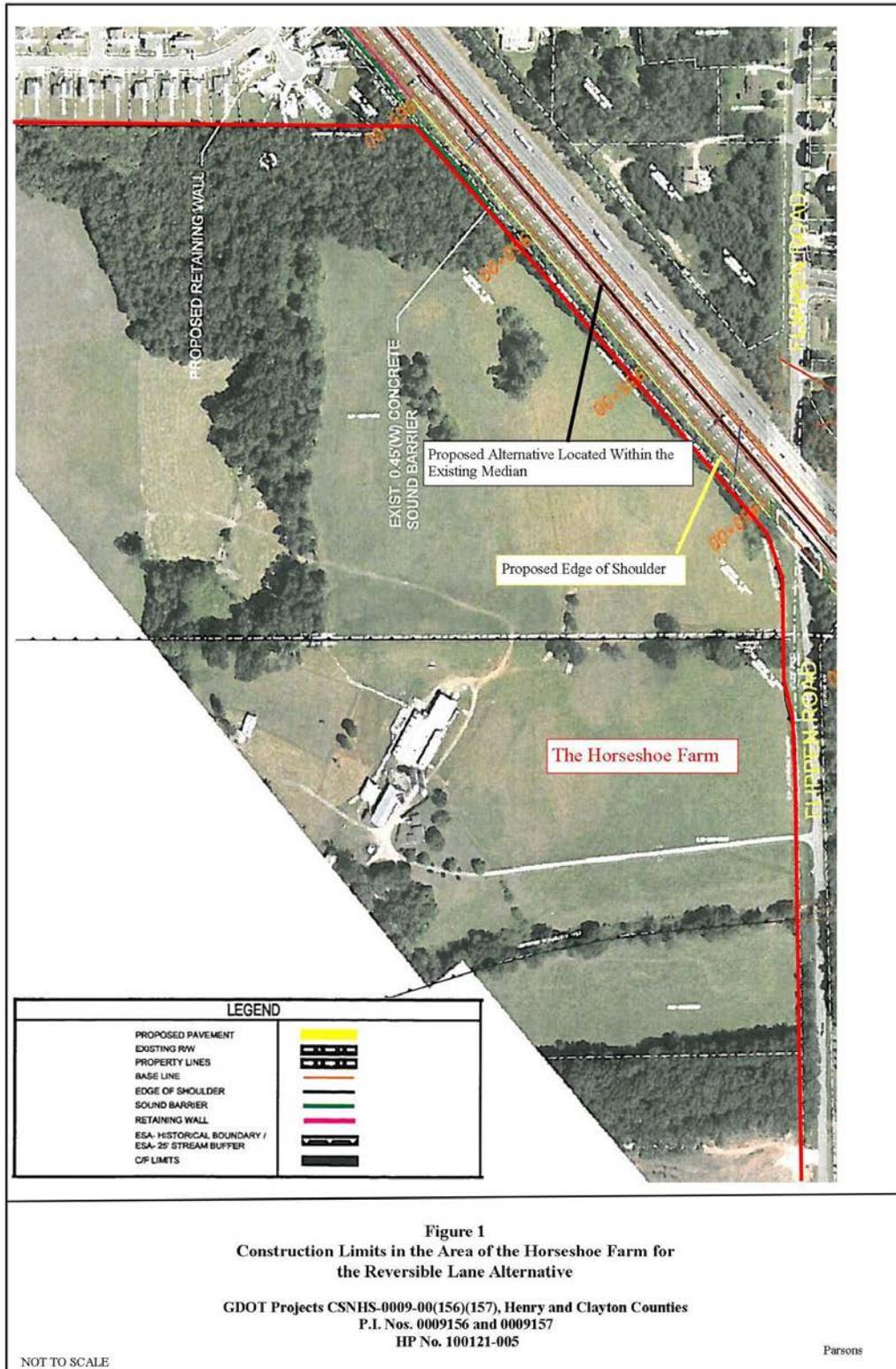
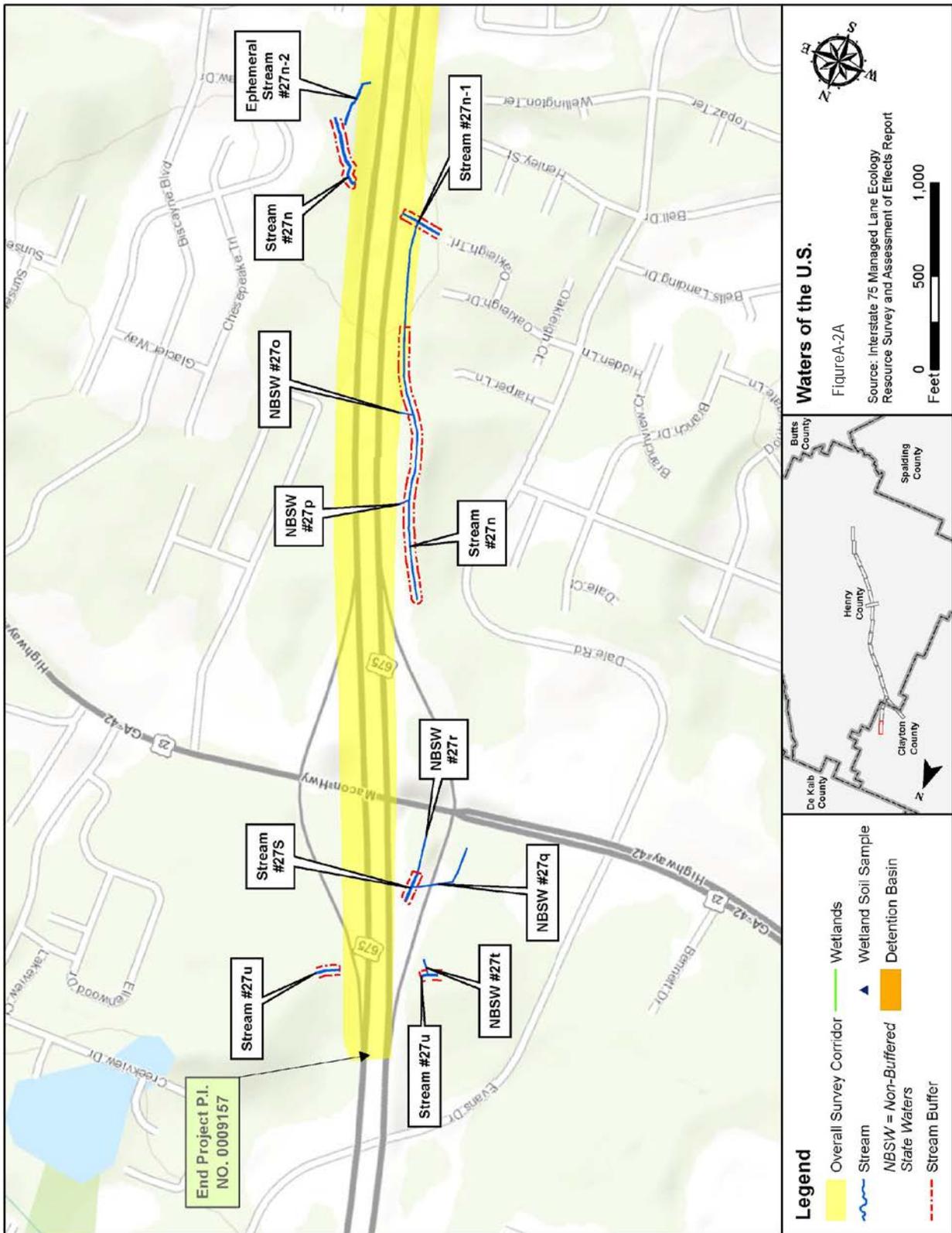
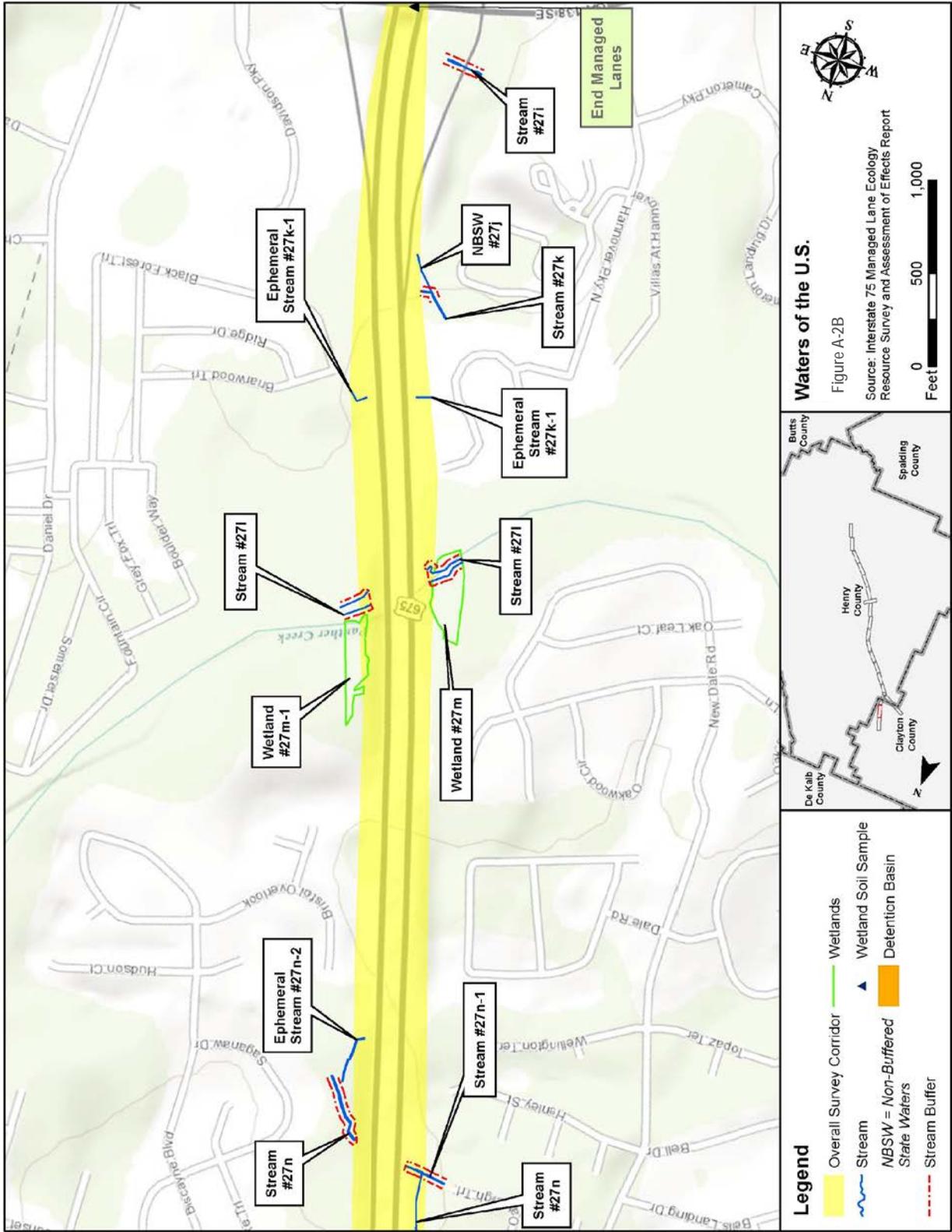
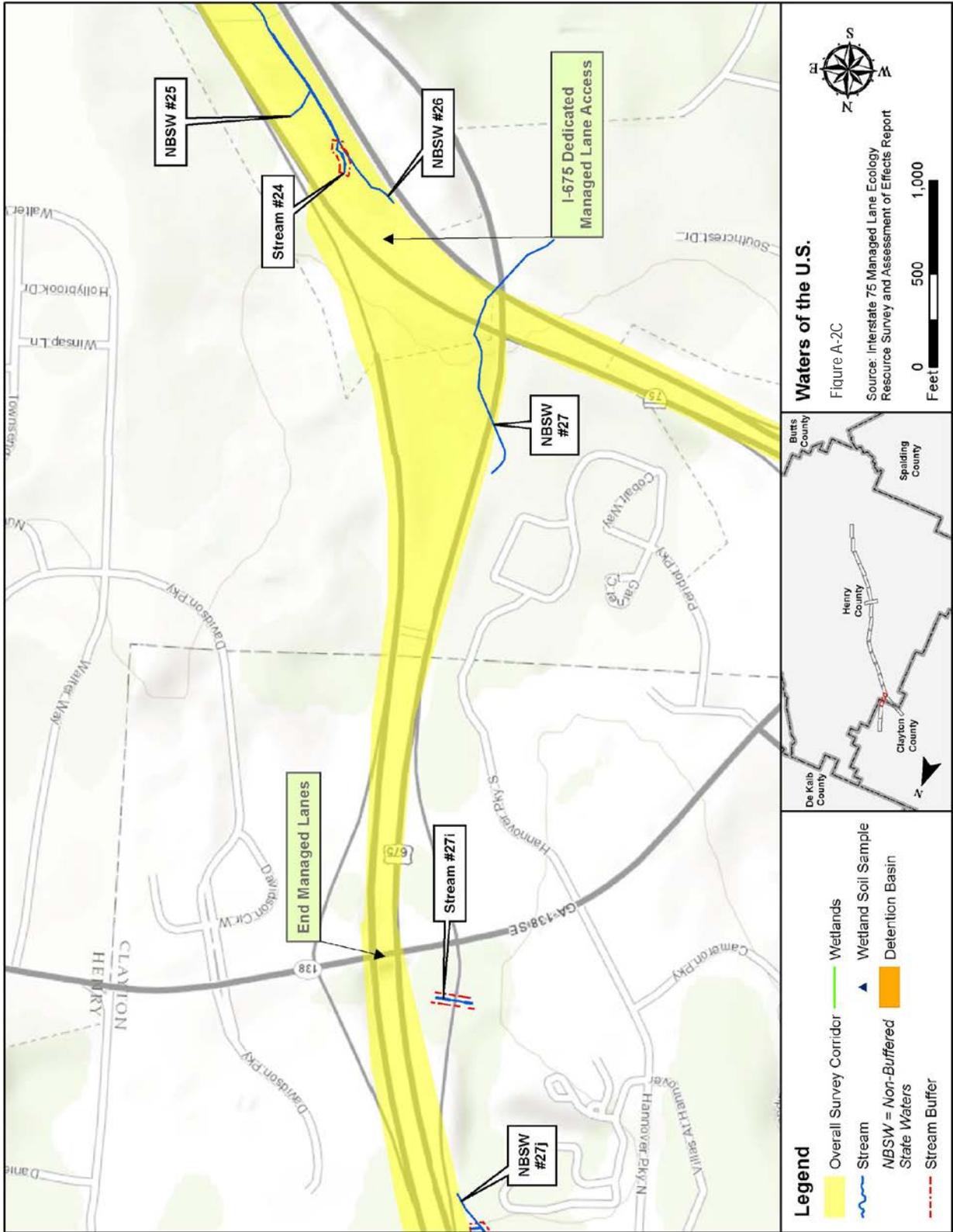


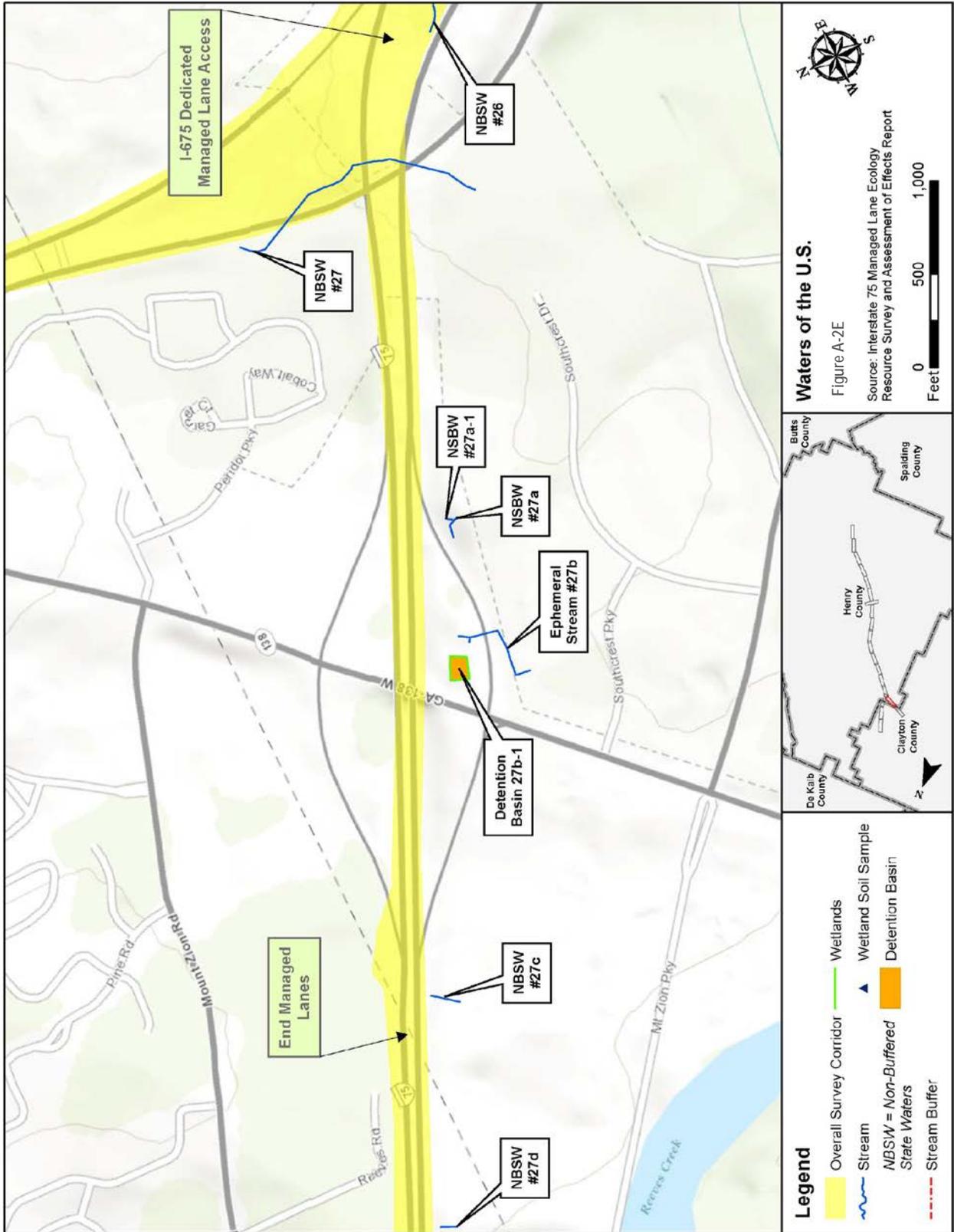
Figure A-2. Water Resources

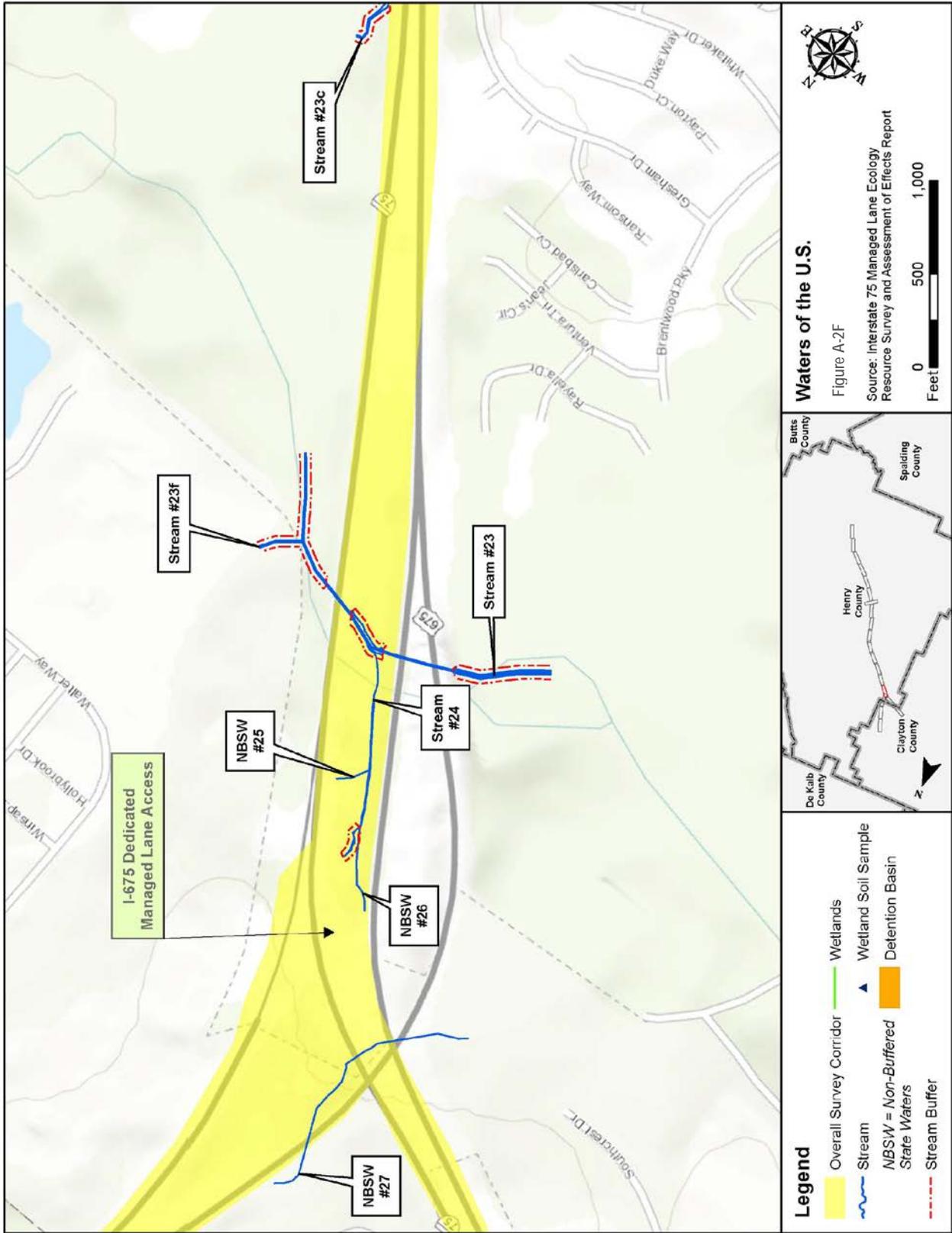


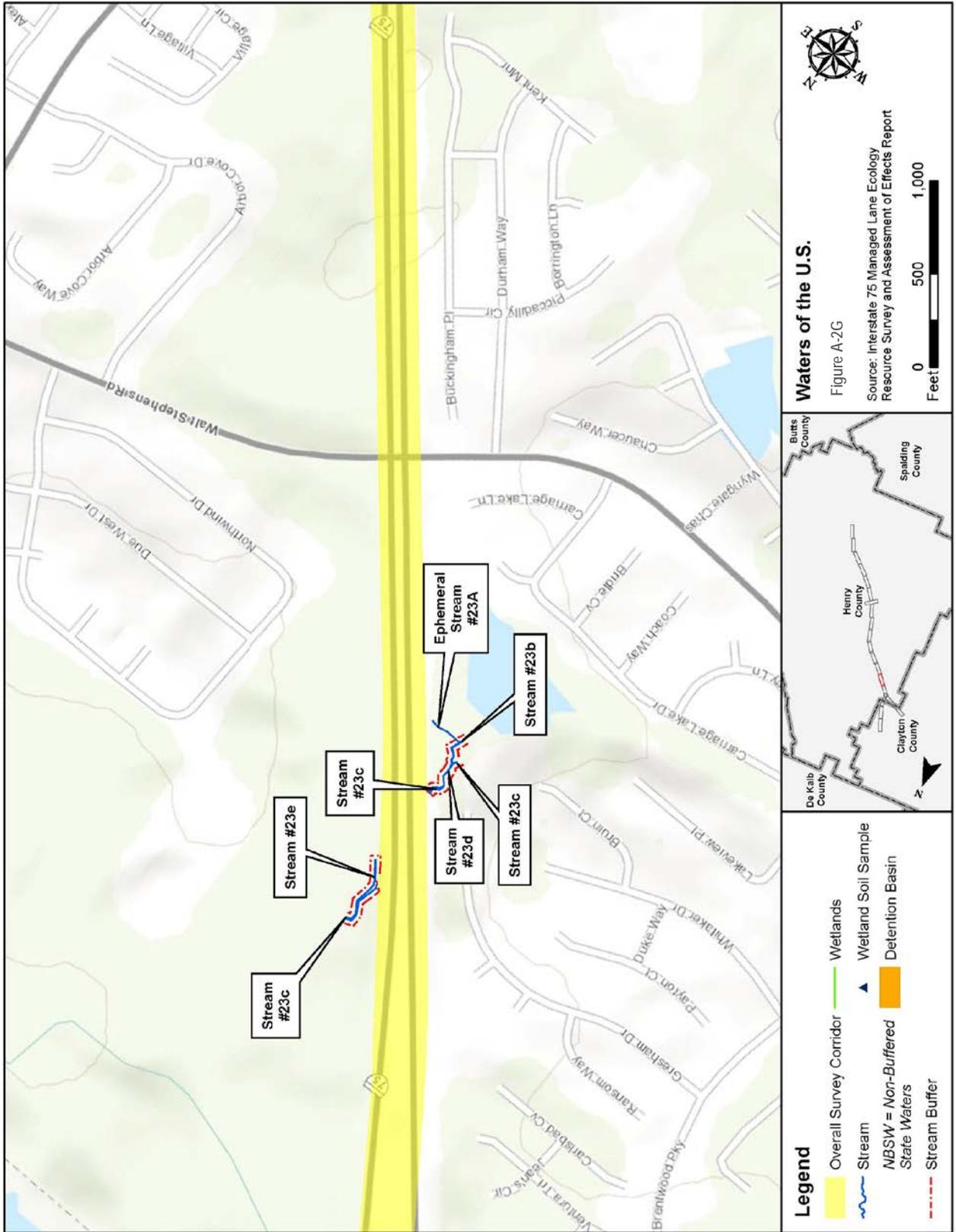


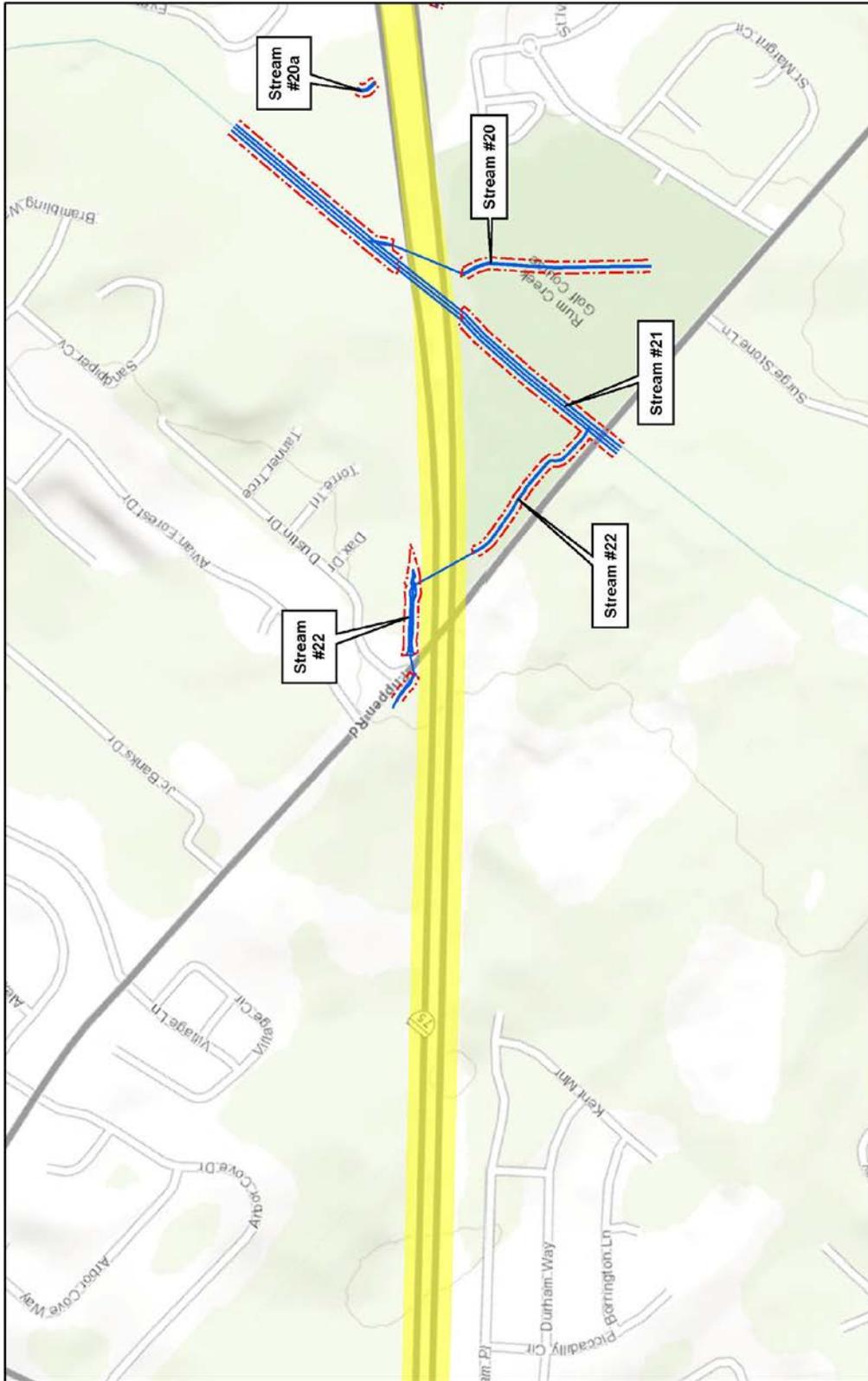










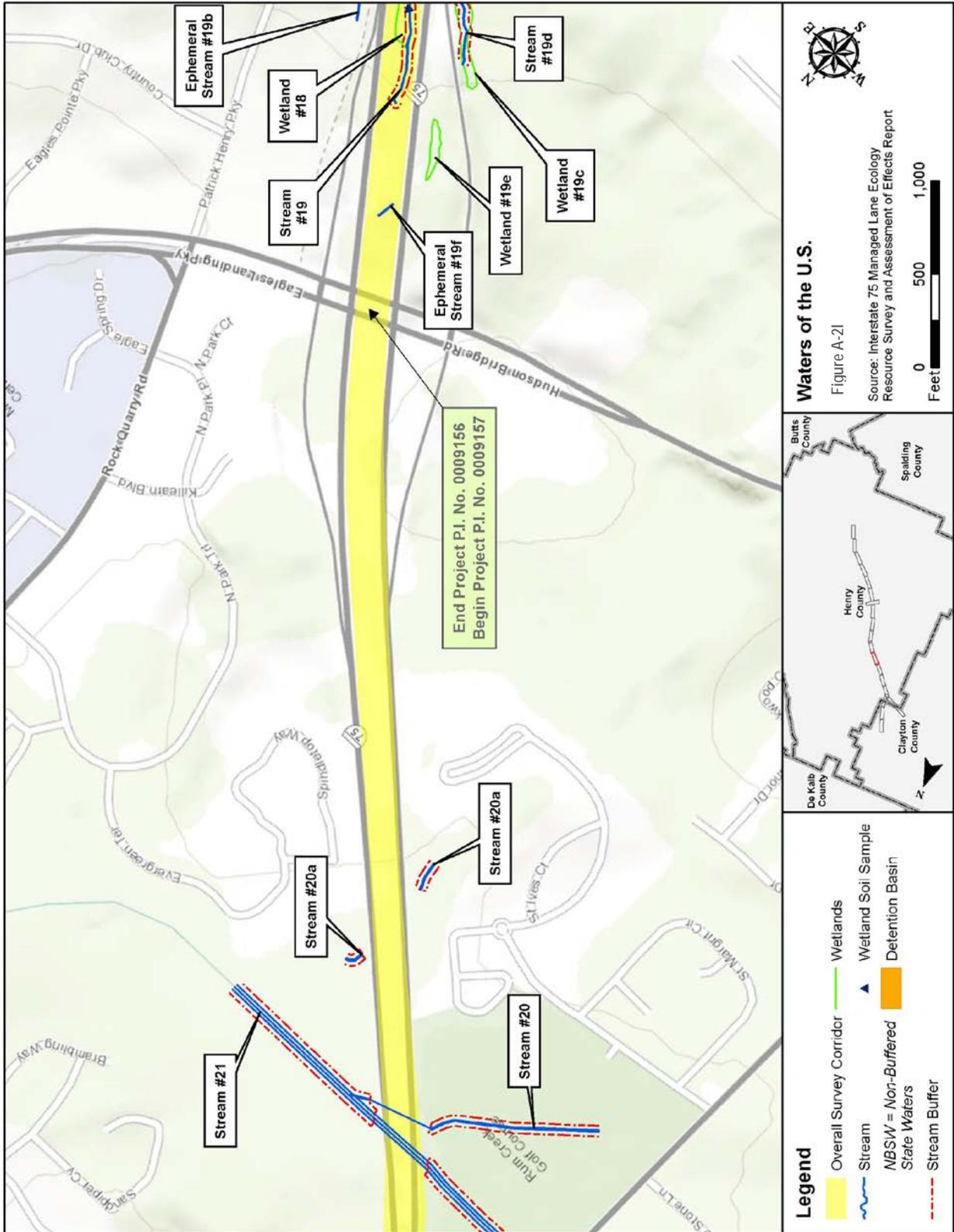


**Waters of the U.S.**  
 Figure A-2H  
 Source: Interstate 75 Managed Lane Ecology Resource Survey and Assessment of Effects Report



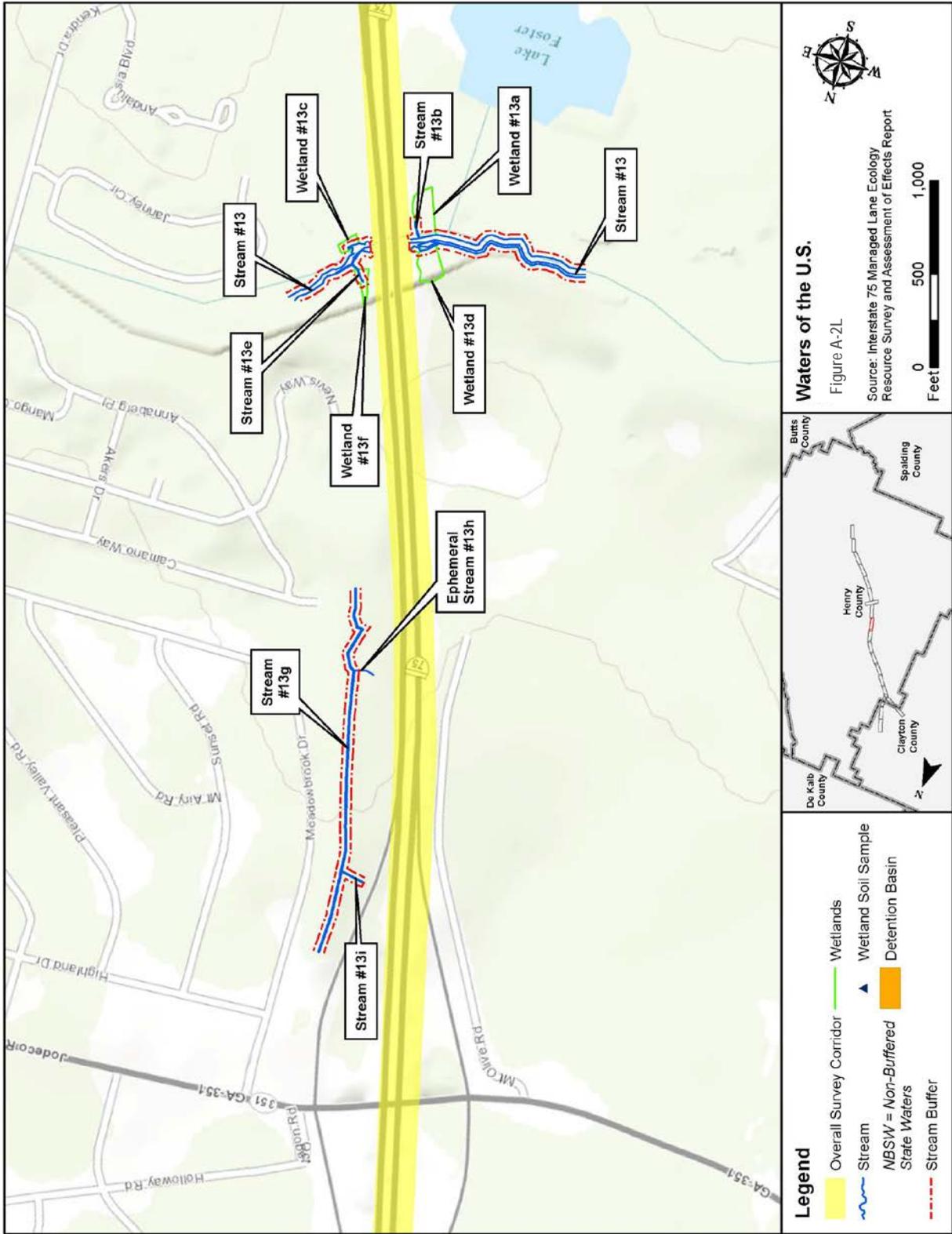
**Legend**

- Overall Survey Corridor
- Wetlands
- Stream
- NBSW = Non-Buffered State Waters
- Wetland Soil Sample
- Detention Basin
- Stream Buffer





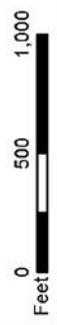




**Waters of the U.S.**

Figure A-2L

Source: Interstate 75 Managed Lane Ecology Resource Survey and Assessment of Effects Report



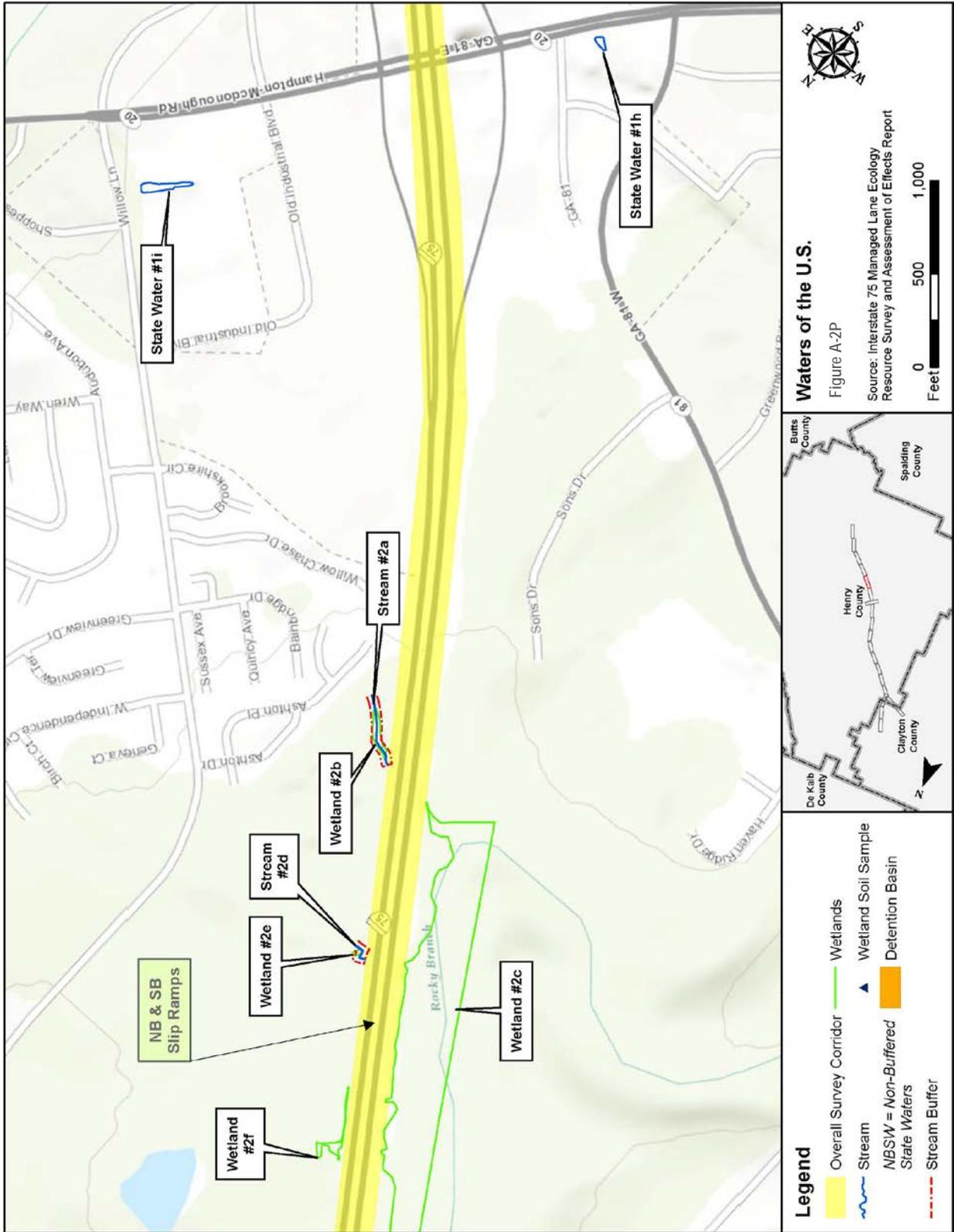
**Legend**

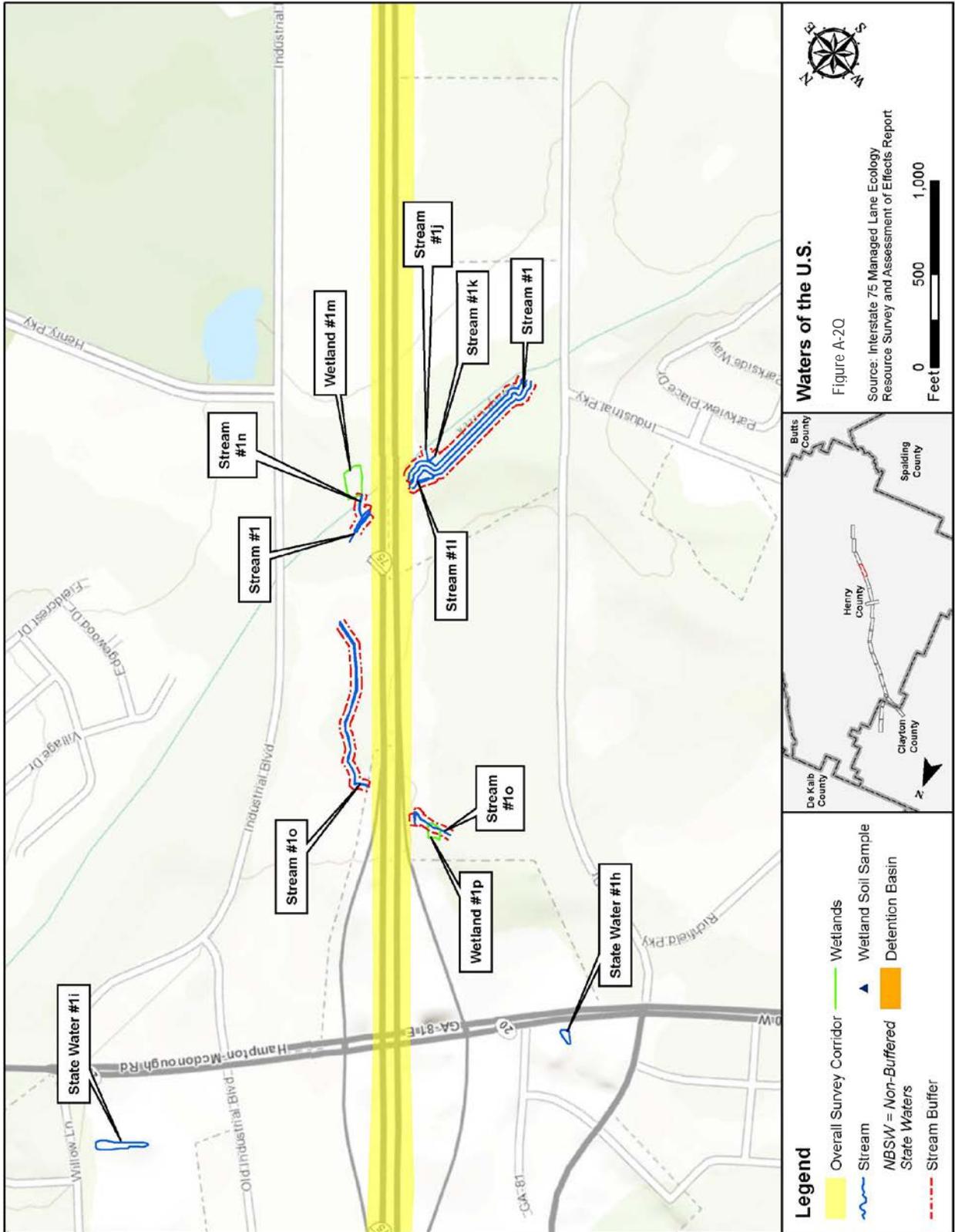
- Overall Survey Corridor
- Stream
- MBSW = Non-Buffered
- State Waters
- Stream Buffer
- Wetlands
- Wetland Soil Sample
- Detention Basin



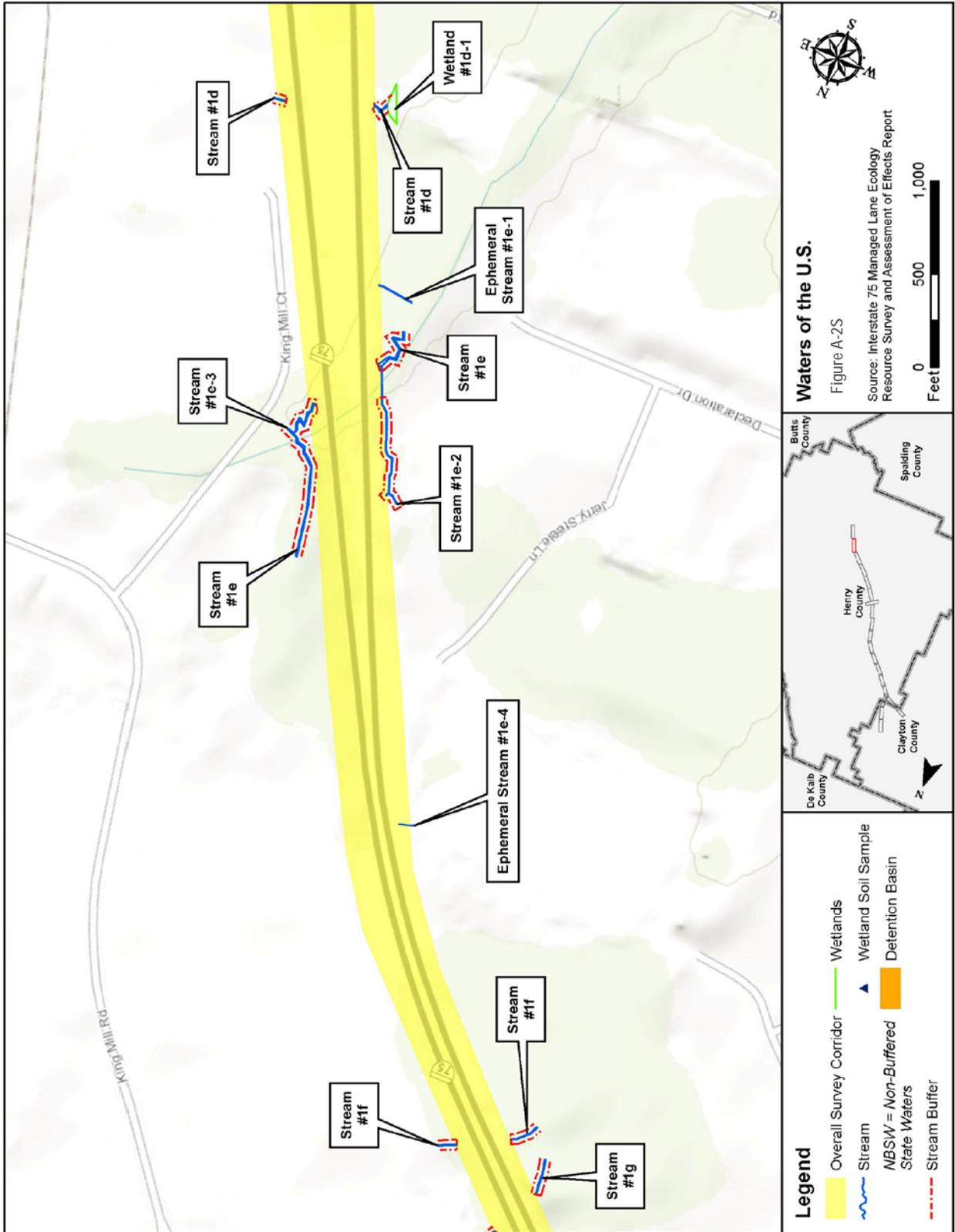


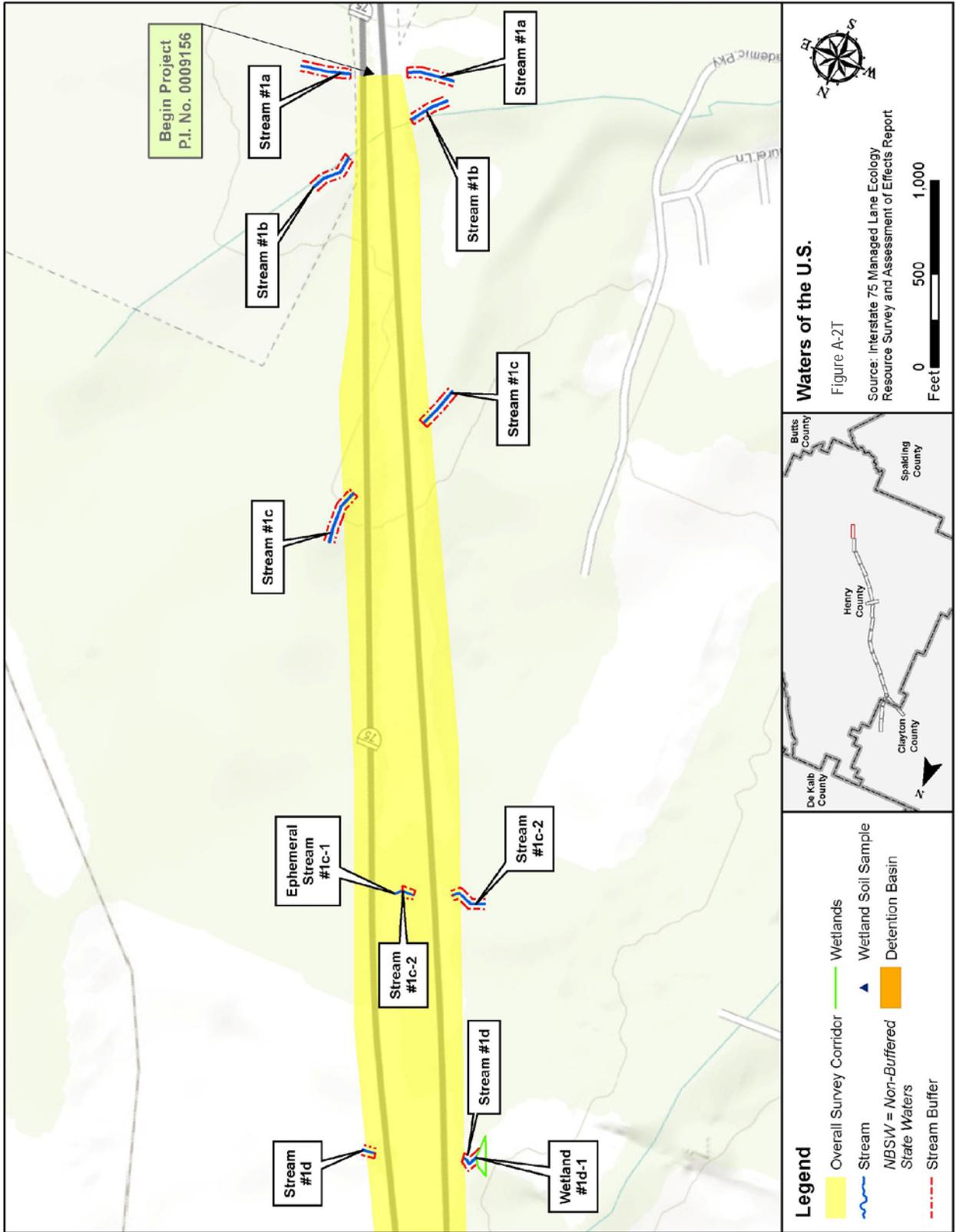












**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**SPECIAL PROVISION**

**PROJECT: CSNHS-0009-00(156)(157) HENRY & CLAYTON COUNTIES  
P.I.# 0009156 & 0009157**

**Section 107 – Legal Regulations and Responsibility to the Public**

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*Add the following to Subsection 107.23:*

**G. Protection of Federally Protected Species**

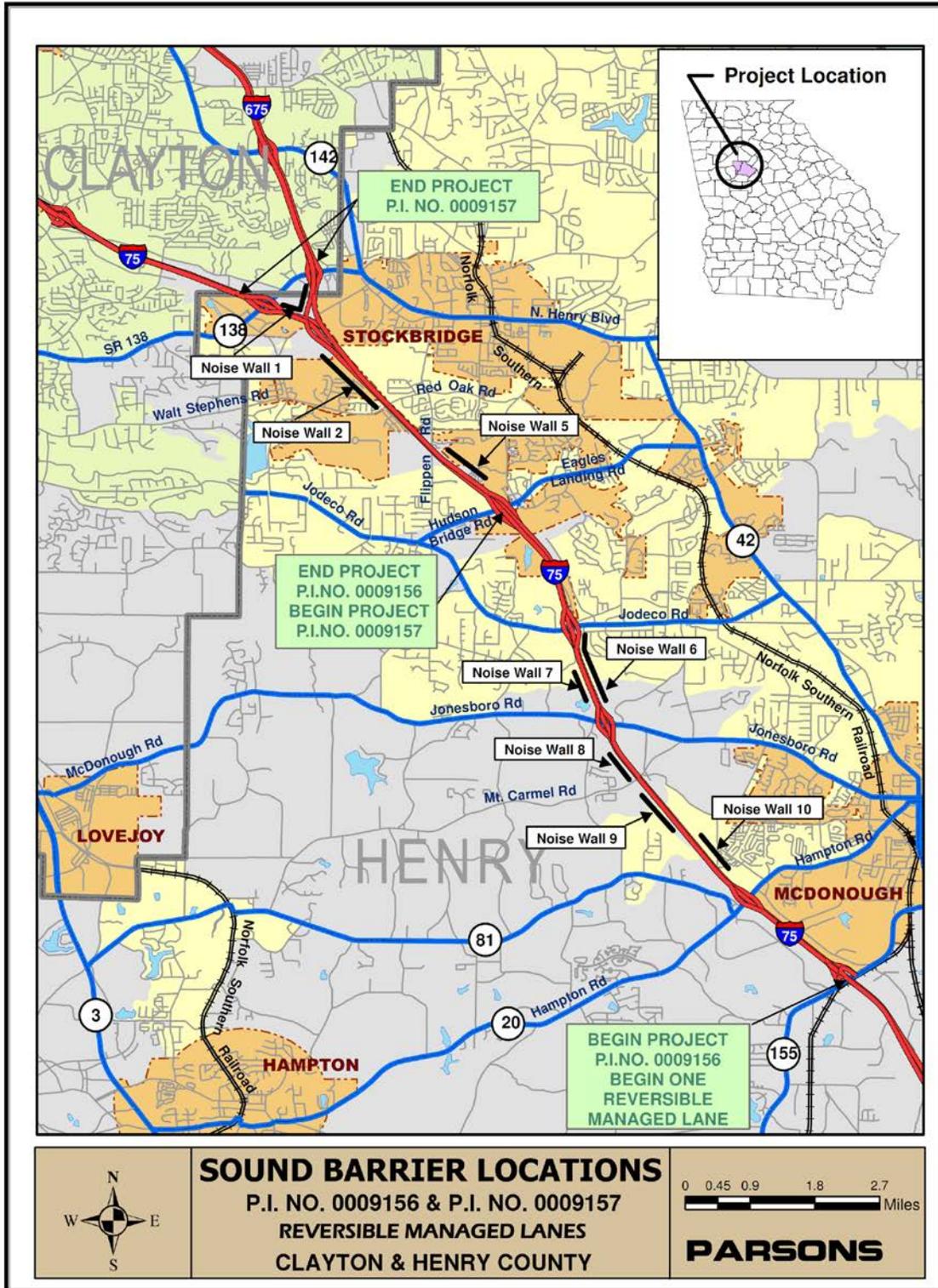
The following conditions are intended as a minimum to protect these species and its habitat during any activities that are in close proximity to the known location(s) of these species. When there is a conflict between the General Provisions and the Special Provisions, these Special Provisions will govern the work.

1. The Contractor shall advise all project personnel employed on this project about the potential presence and appearance of the federally protected barn swallow (*Hirundo rustica*), cliff swallow (*Petrochelidon pyrrhonota*), and eastern phoebe (*Sayornis phoebe*). Migratory bird nests were observed within the box culverts where Camp Creek (Stream 1), Birch Creek (Stream 2), Crittle Creek (Stream 4 and Stream 12g), Walnut Creek (Stream 13), Pates Creek (Stream 16), Rum Creek (Stream 21), Reeves Creek (Stream 23), and Panther Creek (Stream 27l) cross the project corridor. All personnel shall be advised that there are civil and criminal penalties for harassing, harming, pursuing, hunting, shooting, wounding, killing, capturing, or collecting these species in knowing violation of the Migratory Bird Treaty Act of 1918. Pictures and habitat information will be provided to the Contractor at the preconstruction conference and shall be posted in a conspicuous location in the project field office until such time that Final Acceptance of the project is made.
2. Work on bridges and culverts shall take place outside of the breeding and nesting season of phoebes and swallows, which begins April 1 and extends through August 31, unless exclusionary barriers are put in place to prevent birds from nesting beneath the existing bridge. Exclusionary devices in the form of netting made of plastic, canvas or other materials that are proposed by the contractor may be

installed on the bridge(s) prior to March 1 or after August 31, but in no time in between this period. If exclusionary barriers are to be used, these steps shall be followed:

- a. Notify the project ecologist by phone (404) 631-1100 of the decision to install exclusionary devices under the existing bridge and the date of installation, prior to the installation of any exclusionary devices.
  - b. Check the underside of the bridge for nests prior to the placement of exclusionary netting. If nests are present, check to ensure that eggs or birds are not present in the nests. If the nests are found to be occupied, postpone construction activities associated with the bridge until after August 31 when the breeding season is complete.
  - c. Place exclusionary netting along the full length of the bridge to prevent the birds from accessing any existing nesting habitat. Installed netting prior to March 1 and leave in place until August 31 or until the bridgework is complete, whichever occurs first. If the exclusionary netting fails to prevent nesting (i.e., birds are able to bypass barriers and build nests), postpone construction activities associated with the bridge until after August 31.
  - d. During construction activities, inspect exclusionary netting for holes or other defects that impair the netting's ability to exclude phoebes or swallows from inhabiting the bridge. Any holes or defects shall be repaired immediately.
3. In the event any incident occurs that causes harm to the barn swallow, cliff swallow, and eastern phoebe along the project corridor, the Contractor shall report the incident immediately to the Project Engineer who in turn will notify Glenn Bowman, State Environmental Administrator, Georgia Department of Transportation, Office of Environmental Services at (404) 631-1101. All activity shall cease pending consultation by the Department with the U. S. Fish and Wildlife Service and the lead Federal Agency.
  4. The Contractor shall keep a log detailing any sightings or injury to barn swallows, cliff swallows, and eastern phoebes in or adjacent to the project until such time that Final Acceptance of the project is made. Following project completion, the log and a report summarizing any incidents and/or sightings with these species shall be submitted by the Contractor to the:
    - a. Project Engineer;
    - b. U.S. Fish and Wildlife Service, Athens Field Office, 105 West Park Drive, Suite D, Athens, Georgia 30606;
    - c. Glenn Bowman, P.E., State Environmental Administrator, Georgia Department of Transportation, Office of Environmental Services, 600 West Peachtree Street NW, Atlanta, Georgia 30308;
    - d. Georgia Department of Natural Resources, Wildlife Resources Division, Nongame Wildlife Regional Office, 116 Rum Creek Drive, Forsyth, GA 31029; and
    - e. Federal Highway Administration, Georgia Division, 61 Forsyth Street, S.W., Suite 17T100, Atlanta, Georgia 30303-3104.
  5. All costs pertaining to any requirement contained herein shall be included in the overall bid submitted unless such requirement is designated as a separate Pay Item in the Proposal.

Figure A-3. Sound Barrier Locations.



**Table A-1. Waters Summary Table**

Resource Label	Cowardin Class	Existing Condition	Location – Station		Coordinates		Total WL/OW Area (Ac)	Existing Structure		Proposed Impact			FWCA	Protected Species Habitat
			Begin	End	Lat (°N)	Long (°W)		Type	Length (lf)	Type	Length (lf)	Area (Ac)		
2c	PFO	Class 3	599+37 LT	641+00 LT	33.442987o	84.197348o	21	None	NA	Fill	N/A	0.23	No	No
										Conversion	N/A	0.10		
2f	PFO/PEM	Class 4	615+02 RT	619+05 RT	33.440212o	84.193217o	0.17	Culvert	*	Fill	N/A	0.002	No	No
										Conversion	N/A	0.006		
2	R3	Somewhat Impaired	640+00 LT	647+50 RT	33.445236o	84.198028o	NA	Culvert	*	Culvert Ext.	55	0.023	No	No
2g	PFO	Class 3	640+64 LT	647+30 LT	33.441354o	84.194018o	21	None	N/A	Fill	N/A	0.27	No	No
										Conversion	N/A	0.04		
2l	R3	Fully Impaired	644+41 LT	647+13 LT	33.445861o	84.199005o	N/A	None	N/A	Fill	267	0.06	Yes	No
3	R3	Somewhat Impaired	647+00 RT	648+75 LT	33.446485o	84.199056o	NA	Culvert	*	Culvert Ext.	40	0.023	No	No
9	PFO	Class 3	12+85 RT	16+80 RT	33.450658o	84.204263o	1.59	None	NA	Fill	N/A	0.001	No	No
										Conversion	N/A	0.006		
12	R3	Somewhat Impaired	688+00 LT	692+00 RT	33.455868o	84.206855o	NA	Culvert	*	Culvert Ext.	105	0.06	Yes	No
12a	PFO	Class 2	2686+20 RT	3702+00 LT	33.458145o	84.207173o	5.08	None	NA	Fill	N/A	0.30	No	No
										Conversion	N/A	0.28		
12b	R4	Somewhat Impaired	2690+00 RT	2695+80 RT	33.457226o	84.20711o	NA	None	NA	Fill	150	0.021	Yes	No
12e	R4	Somewhat Impaired	3700+50 RT	3701+00 LT	33.458134o	84.206788o	NA	None	NA	Fill	72	0.01	Yes	No
12f	PFO	Class 2	3707+85 LT	3714+90 RT	33.461313o	84.205762o	1.98	None	NA	Fill	N/A	0.44	No	No
										Conversion	N/A	0.05		
12g	R3	Fully Impaired	3701+00 LT	3715+25 RT	33.461242o	84.205548o	NA	None	NA	New Pipe	140	0.039	Yes	No
12i	PFO	Class 3	672+75 LT	688+33 LT	33.452879o	84.205345o	4.7	None	NA	Fill	N/A	0.11	No	No
										Conversion	N/A	0.03		

Resource Label	Cowardin Class	Existing Condition	Location – Station		Coordinates		Total WL/OW Area (Ac)	Existing Structure		Proposed Impact			FWCA	Protected Species Habitat
			Begin	End	Lat (°N)	Long (°W)		Type	Length (lf)	Type	Length (lf)	Area (Ac)		
12j	R3	Somewhat Impaired	686+78 LT	688+22 LT	33.455265o	84.206843o	N/A	None	NA	Fill	146	0.027	Yes	No
12k	PFO/PEM	Class 2	688+22 LT	689+25 LT	33.455524o	84.207325o	0.18	None	NA	Fill	N/A	0.001	No	No
										Conversion	N/A	0.002		
12l	R4	Somewhat Impaired	697+52 LT	697+63 RT	33.457793o	84.208589o	N/A	Culvert	*	Culvert Ext.	70	0.009	No	No
										Rip-Rap	20	0.003		
13a	PFO	Class 3	739+95 LT	742+55 LT	33.468864o	84.213405o	0.59	None	NA	Conversion	N/A	0.004	No	No
13	R3	Somewhat Impaired	742+50 LT	745+00 RT	33.469698o	84.213085o	NA	Culvert	*	Culvert Ext.	38	0.01	No	Yes
13d	PFO	Class 2	744+02 LT	745+00 LT	33.469981o	84.213866o	0.49	Culvert	*	Fill	N/A	0.01	No	No
										Conversion	N/A	0.002		
16	R3	Fully Functional	864+14 RT	866+00 LT	33.500972o	84.226299o	NA	Culvert	*	Culvert Ext.	46	0.049	No	Yes
17	PFO	Class 3	864+90 LT	866+60 LT	33.501081o	84.226428o	0.02	None	NA	Fill	N/A	0.02	No	No
18	PFO	Class 3	870+90 LT	874+20 LT	33.502547o	84.227763o	0.41	None	NA	Fill	N/A	0.15	No	No
										Conversion	N/A	0.04		
19	R4	Somewhat Impaired	877+25 LT	869+11 RT	33.502717o	84.227989o	NA	Culvert	*	Culvert Ext.	28	0.003	No	No
19f	P	Class 5	882+68 LT	883+37 LT	33.504858o	84.229871o	N/A	Culvert	*	Fill	100	0.009	No	No
23a	P	Class 5	5012+33 LT	5013+57 LT	33.529372o	84.257484o	N/A	None	N/A	Fill	25	0.001	No	No
23e	R4	Fully Impaired	1012+86 RT	1014+08 RT	33.531402o	84.257912o	N/A	Concrete Flume	*	Morphologic Change	58	0.004	Yes	No
23	R3	Somewhat Impaired	1039+00 RT	5056+20 LT	33.537237o	84.263865o	NA	Culvert	*	Culvert Ext.	121	0.061	Yes	Yes
<b>Total Perennial Stream Impacts</b>											<b>958 linear feet</b>	<b>0.352 acre</b>		
<b>Total Intermittent Stream Impacts</b>											<b>398 linear feet</b>	<b>0.05 acre</b>		
<b>Total Ephemeral Stream Impacts</b>											<b>125 linear feet</b>	<b>0.01 acre</b>		
<b>Total Permanent Wetland Impacts</b>											<b>NA</b>	<b>1.53 acre</b>		
<b>Total Wetland Conversion Impacts</b>											<b>NA</b>	<b>0.56 acre</b>		

**ENVIRONMENTAL  
COMMITMENTS TABLE**

PI#s: 0009156, 0009157 | Counties: Clayton, Henry | Date Updated: 05/23/13 | Stage: (FEA) | Date on Plans Reviewed by OES:  
March 2013

<b>Review</b>	<input type="checkbox"/> These commitments are feasible. <i>(must be checked at all stages)</i>	<input type="checkbox"/> Plans incorporate the commitments. <i>(must be checked to certify for letting)</i>	<i>Air/Noise</i> _____	<i>Arch</i> _____
	<i>Project Manager (PM)</i> _____	<i>Engineer of Record (EOR)</i> _____	<i>Eco</i> _____	<i>Hist</i> _____
	<i>PM Signature/Date</i> _____	<i>EOR Signature/Date</i> _____	<i>NEPA</i> _____	

**A. Resources to be Delineated on the Plans and/or Listed in the Environmental Resource Impact Table (ERIT)**

<i>Resource Name</i>		<i>Additional Information</i>	<i>Name and Date of Report or Transmittal</i>	<i>Correctly Shown?</i>	
				<i>Plan Sheet</i>	<i>ERIT</i>
A-1	Historic Horseshoe Farm	No Adverse Effect; Refer to Plan Note C-1	Assessment of Effects - August 2011	Yes	N/A
A-2	Rowan House	Outside of Area of Potential Effects	Historic Resources Survey Report Addendum February 2012	Yes	N/A
A-3	Brennan Farm	Outside of Area of Potential Effects	Historic Resources Survey Report Addendum February 2012	Yes	N/A
A-4	Intermittent Stream (IS) 1a	0.00 acre of impact; Refer to Plan Note C-1	Ecology Addendum – October 2012	Yes	N/A
A-5	IS 1a buffer	“	“	Yes	N/A
A-6	Perennial Stream 1b	“	“	Yes	N/A
A-7	PS 1b buffer	“	“	Yes	N/A
A-8	Intermittent Stream 1c	“	“	Yes	N/A
A-9	IS 1c buffer	“	“	Yes	N/A
A-10	Ephemeral Stream 1c-1	“	Ecology Addendum May 2013	Yes	N/A
A-11	1c-1 buffer	“	“	Yes	N/A
A-12	Intermittent Stream 1c-2	“	“	Yes	N/A
A-13	1c-2 buffer	“	“	Yes	N/A
A-14	Intermittent Stream 1d	“	Ecology Addendum – October 2012	Yes	N/A
A-15	IS 1d buffer	“	“	Yes	N/A
A-16	WL 1d-1	“	Ecology Addendum May 2013	Yes	N/A
A-17	Perennial Stream 1e	“	Ecology Addendum – October 2012	Yes	N/A
A-18	PS 1e buffer	“	“	Yes	N/A
A-19	Ephemeral Stream 1e-1	“	Ecology Addendum May 2013	Yes	N/A
A-20	1e-1 buffer	“	“	Yes	N/A
A-21	Intermittent Stream 1e-2	“	“	Yes	N/A
A-22	1e-2 buffer	“	“	Yes	N/A
A-23	Perennial Stream 1e-3	“	“	Yes	N/A
A-24	1e-3 buffer	“	“	Yes	N/A
A-25	Ephemeral Stream 1e-4	“	“	Yes	N/A
A-26	1e-4 buffer	“	“	Yes	N/A

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				Plan Sheet	ERIT
A-27	Intermittent Stream 1f	0.00 acre of impact; Refer to Plan Note C-1	Ecology Addendum – October 2012	Yes	N/A
A-28	IS 1f buffer	“	“	Yes	N/A
A-29	Intermittent Stream 1g	“	“	Yes	N/A
A-30	IS 1g buffer	“	“	Yes	N/A
A-31	NBSW 1h	“	“	Yes	N/A
A-32	Detention Basin 1i	“	“	Yes	N/A
A-33	1i buffer	“	“	Yes	N/A
A-34	Intermittent Stream 1j	“	Ecology Addendum May 2013	Yes	N/A
A-35	IS 1j buffer	“	“	Yes	N/A
A-36	Intermittent Stream 1k	“	“	Yes	N/A
A-37	IS 1k buffer	“	“	Yes	N/A
A-38	Intermittent Stream 1l	“	“	Yes	N/A
A-39	IS 1l buffer	“	“	Yes	N/A
A-40	Wetland 1m	“	“	Yes	N/A
A-41	Intermittent Stream 1n	“	“	Yes	N/A
A-42	IS 1n buffer	“	“	Yes	N/A
A-43	Perennial Stream 1o	“	“	Yes	N/A
A-44	PS 1o buffer	Buffer Variance Required; Refer to Plan Note C-1	“	Yes	N/A
A-45	Wetland 1p	0.00 acre of impact; Refer to Plan Note C-1	“	Yes	N/A
A-46	Perennial Stream 1	“	“	Yes	N/A
A-47	PS 1 buffer	Buffer Variance Required; Refer to Plan Note C-1	“	Yes	N/A
A-48	Intermittent Stream 2a	0.00 acre of impact; Refer to Plan Note C-1	“	Yes	N/A
A-49	IS 2a buffer	Buffer Variance Required; Refer to Plan Note C-1	“	Yes	N/A
A-50	Wetland 2b	0.00 acre of impact; Refer to Plan Note C-1	“	Yes	N/A
A-51	Wetland 2c	0.23 acre of permanent impact; 0.10 ac of conversion impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	“	Yes	N/A
A-52	Intermittent Stream 2d	0.00 acre of impact; Refer to Plan Note C-1	“	Yes	N/A
A-53	IS 2d buffer	“	“	Yes	N/A
A-54	Wetland 2e	“	“	Yes	N/A
A-55	Wetland 2f	0.002 ac of permanent impact; 0.006 ac of conversion impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	“	Yes	N/A
A-56	Perennial Stream 2	55 linear feet (0.023 ac) permanent impact; 0.0 temporary impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	“	Yes	N/A
A-57	PS 2 buffer	Buffer Variance Required; Refer to Plan Note C-1	“	Yes	N/A

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March 2013

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				Plan Sheet	ERIT
A-58	Wetland 2g	0.27 acre of permanent impact; 0.04 of conversion impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	Ecology Addendum May 2013	Yes	N/A
A-59	Wetland 2h	0.00 acre of impact; Refer to Plan Note C-1	“	Yes	N/A
A-60	Intermittent Stream 2i	“	“	Yes	N/A
A-61	IS 2i buffer	Buffer Variance Required; Refer to Plan Note C-1	“	Yes	N/A
A-62	Intermittent Stream 2j	0.00 acre of impact; Refer to Plan Note C-1	“	Yes	N/A
A-63	IS 2j buffer	“	“	Yes	N/A
A-64	Wetland 2k	“	“	Yes	N/A
A-65	Perennial Stream 2l	267 linear feet (0.06 ac) permanent impact; 0.0 temporary impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	“	Yes	N/A
A-66	PS 2l buffer	Buffer Variance Required; Refer to Plan Note C-1	“	Yes	N/A
A-67	Perennial Stream 3	40 linear feet (0.023 ac) permanent impact; 0.0 temporary impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	“	Yes	N/A
A-68	PS 3 buffer	Anticipated Buffer Impacts Exempted; Refer to Plan Note C-1	“	Yes	N/A
A-69	Wetland 3a	0.00 acre of impact; Refer to Plan Note C-1	“	Yes	N/A
A-70	Intermittent Stream 3b	“	“	Yes	N/A
A-71	IS 3b buffer	“	“	Yes	N/A
A-72	Wetland 3c	“	“	Yes	N/A
A-73	WL 4	“	Ecology Addendum – October 2012	Yes	N/A
A-74	Intermittent Stream 5	“	“	Yes	N/A
A-75	IS 5 buffer	“	“	Yes	N/A
A-76	Intermittent Stream 6	“	“	Yes	N/A
A-77	IS 6 buffer	“	“	Yes	N/A
A-78	NBSW 7	“	“	Yes	N/A
A-79	Detention Basin 7a	“	“	Yes	N/A
A-80	Intermittent Stream 8	“	Ecology Addendum May 2013	Yes	N/A
A-81	IS 8 buffer	Buffer Variance Required Refer to Plan Note C-1	“	Yes	N/A
A-82	WL 9	0.001 ac of permanent impact; 0.006 ac of conversion impacts; 0.0 temporary impacts; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	“	Yes	N/A
A-83	WL 10	0.00 acre of impact; Refer to Plan Note C-1	Ecology Addendum – October 2012	Yes	N/A
A-84	NBSW 11	“	“	Yes	N/A
A-85	NBSW 11a	“	“	Yes	N/A
A-86	Perennial Stream 12	105 linear feet (0.06 ac) permanent impact; 0.0 temporary impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	Ecology Addendum May 2013	Yes	N/A

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				<i>Plan Sheet</i>	<i>ERIT</i>
A-87	PS 12 buffer	Anticipated Buffer Impacts Exempted; Refer to Plan Note C-1	Ecology Addendum May 2013	Yes	N/A
A-88	WL 12a	0.30 ac of permanent impact; 0.28 of conversion impact; 0.0 temporary impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	“	Yes	N/A
A-89	Intermittent Stream 12b	150 linear feet (0.021 ac) of impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	“	Yes	N/A
A-90	IS 12b buffer	Buffer Variance Required; Refer to Plan Note C-1	“	Yes	N/A
A-91	Perennial Stream 12c	0.00 acre of impact; Refer to Plan Note C-1	Ecology Addendum – October 2012	Yes	N/A
A-92	PS 12c buffer	Anticipated Buffer Impacts Exempted; Refer to Plan Note C-1	“	Yes	N/A
A-93	Intermittent Stream 12d	0.00 acre of impact; Refer to Plan Note C-1	“	Yes	N/A
A-94	IS 12d buffer	“	“	Yes	N/A
A-95	Intermittent Stream 12e	72 linear feet (0.01 ac) of impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	Ecology Addendum May 2013	Yes	N/A
A-96	IS 12e buffer	Anticipated Buffer Impacts Exempted; Refer to Plan Note C-1	“	Yes	N/A
A-97	WL 12f	0.44 ac of permanent impact; 0.05 ac of conversion impact; 0.0 temporary impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	“	Yes	N/A
A-98	Perennial Stream 12g	140 linear feet (0.039 ac) of permanent impacts; Refer to Plan Note C-1	“	Yes	N/A
A-99	PS 12g buffer	Anticipated Buffer Impacts Exempted; Refer to Plan Note C-1	“	Yes	N/A
A-100	WL 12h	0.00 acre of impact; Refer to Plan Note C-1	Ecology Addendum – October 2012	Yes	N/A
A-101	WL 12i	0.11 acre of permanent fill impact; 0.03 ac of conversion impact; Refer to Plan Note C-1	Ecology Addendum May 2013	Yes	N/A
A-102	Perennial Stream 12j	146 linear feet (0.027 ac) permanent impact; 0.0 temporary impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	“	Yes	N/A
A-103	PS 12j buffer	Buffer Variance Required; Refer to Plan Note C-1	“	Yes	N/A
A-104	WL 12k	0.001 acre of permanent fill impact; 0.002 ac of conversion impact; Refer to Plan Note C-1	“	Yes	N/A
A-105	Intermittent Stream 12l	90 linear feet (0.012 ac) permanent impact; 0.0 temporary impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	“	Yes	N/A
A-106	IS 12l buffer	Anticipated Buffer Impacts Exempted; Refer to Plan Note C-1	“	Yes	N/A
A-107	WL 13a	0.004 acre of conversion impact; Refer to Plan Note C-1	“	Yes	N/A
A-108	Perennial Stream 13b	0.00 acre of impact; Refer to Plan Note C-1	“	Yes	N/A
A-109	PS 13b buffer	Buffer Variance Required; Refer to Plan Note C-1	“	Yes	N/A
A-110	WL 13c	0.00 acre of impact; Refer to Plan Note C-1	“	Yes	N/A

**ENVIRONMENTAL  
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March 2013

Resource Name		Additional Information	Name and Date of Report or Transmittal	Correctly Shown?	
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A-111	Perennial Stream 13	38 linear feet (0.01 ac) permanent impact; 0.0 temporary impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	Ecology Addendum May 2013	Yes	N/A
A-112	PS 13 buffer	Buffer Variance Required; Refer to Plan Note C-1	“	Yes	N/A
A-113	WL 13d	0.01 ac of permanent fill impact; 0.002 ac of conversion impact; Refer to Plan Note C-1	“	Yes	N/A
A-114	Intermittent Stream 13e	0.00 acre of impact; Refer to Plan Note C-1	“	Yes	N/A
A-115	IS 13e buffer	“	“	Yes	N/A
A-116	WL 13f	“	“	Yes	N/A
A-117	Perennial Stream 13g	“	“	Yes	N/A
A-118	PS 13g buffer	“	“	Yes	N/A
A-119	Ephemeral Stream 13h	“	“	Yes	N/A
A-120	13h buffer	“	“	Yes	N/A
A-121	Intermittent Stream 13i	“	“	Yes	N/A
A-122	IS 13i buffer	“	“	Yes	N/A
A-123	Intermittent Stream 13j	“	“	Yes	N/A
A-124	IS 13j buffer	“	“	Yes	N/A
A-125	Ephemeral Stream 13k	“	“	Yes	N/A
A-126	13k buffer	“	“	Yes	N/A
A-127	Intermittent Stream 14	0.00 acre of impact; Refer to Plan Note C-1	Ecology Addendum – October 2012	Yes	N/A
A-128	IS 14 buffer	Buffer Variance Required; Refer to Plan Note C-1	Ecology Addendum – May 2013	Yes	N/A
A-129	Perennial Stream 15	0.00 acre of impact; Refer to Plan Note C-1	“	Yes	N/A
A-130	PS 15 buffer	“	“	Yes	N/A
A-131	Wetland 16a	“	“	Yes	N/A
A-132	Perennial Stream 16	46 linear feet (0.049 ac) permanent impact; 0.0 temporary impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	“	Yes	N/A
A-133	PS 16 buffer	Anticipated Buffer Impacts Exempted; Refer to Plan Note C-1	“	Yes	N/A
A-134	Intermittent Stream 16b	0.00 acre of impact; Refer to Plan Note C-1	“	Yes	N/A
A-135	IS 16b buffer	“	“	Yes	N/A
A-136	WL 17	0.023 ac. permanent impact; 0.0 temporary impact; Refer to Plan - Note C-1, Permit D-2, and Mitigation D-3	Ecology Addendum – October 2012	Yes	N/A
A-137	WL 18	0.15 ac permanent impact; 0.04 ac of conversion impacts; 0.0 temporary impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	Ecology Addendum – May 2013	Yes	N/A
A-138	WL 19a	0.00 acre of impact; Refer to Plan Note C-1	“	Yes	N/A

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PI#: 0009156, 0009157 | Counties: Clayton, Henry | Date Updated: 05/23/13 | Stage: (FEA) | Date on Plans Reviewed by OES: March 2013

Resource Name		Additional Information	Name and Date of Report or Transmittal	Correctly Shown?	
				Plan Sheet	ERIT
A-139	Intermittent Stream 19	28 linear feet (0.003 ac) permanent impact; 0.0 temporary impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	Ecology Addendum – May 2013	Yes	N/A
A-140	IS 19 buffer	Buffer Variance Required; Refer to Plan Note C-1	“	Yes	N/A
A-141	Ephemeral Stream 19b	0.00 acre of impact; Refer to Plan Note C-1	“	Yes	N/A
A-142	19b buffer	“	“	Yes	N/A
A-143	WL 19c	“	“	Yes	N/A
A-144	Intermittent Stream 19d	“	“	Yes	N/A
A-145	IS 19d buffer	“	“	Yes	N/A
A-146	WL 19e	“	“	Yes	N/A
A-147	Ephemeral Stream 19f	100 linear feet (0.009 ac) of permanent impact; 0.0 temporary impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	“	Yes	N/A
A-148	19f buffer	0.00 acre of impact; Refer to Plan Note C-1	“	Yes	N/A
A-149	Perennial Stream 20a	“	“	Yes	N/A
A-150	PS 20a buffer	Buffer Variance Required; Refer to Plan Note C-1	“	Yes	N/A
A-151	Intermittent Stream 20	0.00 acre of impact; Refer to Plan Note C-1	Ecology Addendum – October 2012	Yes	N/A
A-152	IS 20 buffer	“	“	Yes	N/A
A-153	Perennial Stream 21	“	“	Yes	N/A
A-154	PS 21 buffer	“	“	Yes	N/A
A-155	Intermittent Stream 22	“	“	Yes	N/A
A-156	IS 22 buffer	“	“	Yes	N/A
A-157	Ephemeral Stream 23a	25 linear feet (0.001 ac) permanent impact; 0.0 temporary impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	Ecology Addendum - May 2013	Yes	N/A
A-158	23a buffer	Anticipated Buffer Impacts Exempted; Refer to Plan Note C-1	“	Yes	N/A
A-159	Intermittent Stream 23b	0.00 acre of impact; Refer to Plan Note C-1	“	Yes	N/A
A-160	IS 23b buffer	“	“	Yes	N/A
A-161	Perennial Stream 23c	“	“	Yes	N/A
A-162	PS 23c buffer	Buffer Variance Required; Refer to Plan Note C-1	“	Yes	N/A
A-163	Intermittent Stream 23d	0.00 acre of impact; Refer to Plan Note C-1	“	Yes	N/A
A-164	IS 23d buffer	“	“	Yes	N/A
A-165	Intermittent Stream 23e	58 linear feet (0.004 ac) permanent impact; 0.0 temporary impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	“	Yes	N/A
A-166	IS 23e buffer	Buffer Variance Required; Refer to Plan Note C-1	“	Yes	N/A
A-167	Perennial Stream 23	121 linear feet (0.061 ac) permanent impact; 0.0 temporary impact; Refer to Plan Note C-1, Permit D-2, and Mitigation D-3	“	Yes	N/A
A-168	PS 23 buffer	Anticipated Buffer Impacts Exempted; Refer to Plan Note C-1,	“	Yes	N/A

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PI#s: 0009156, 0009157| Counties: Clayton, Henry | Date Updated: 05/23/13| Stage: (FEA) | Date on Plans Reviewed by OES:  
March 2013

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				<i>Plan Sheet</i>	<i>ERIT</i>
A-169	Perennial Stream 23f	0.00 acre of impact; Refer to Plan Note C-1	Ecology Addendum - May 2013	Yes	N/A
A-170	PS 23f buffer	“	“	Yes	N/A
A-171	Intermittent Stream 24	“	“	Yes	N/A
A-172	IS 24 buffer	“	“	Yes	N/A
A-173	NBSW 25	20 linear feet (0.001 ac.) permanent impact; 0.0 temporary impact; Refer to Plan Note C-1	Ecology Addendum – October 2012	Yes	N/A
A-174	NBSW 26	70 linear feet (0.010 ac.) permanent impact; 0.0 temporary impact; Refer to Plan Note C-1	“	Yes	N/A
A-175	NBSW 27	20 linear feet (0.002 ac.) permanent impact; 0.0 temporary impact; Refer to Plan Note C-1	“	Yes	N/A
A-176	NBSW 27a	0.00 acre of impact; Refer to Plan Note C-1	“	Yes	N/A
A-177	NBSW 27a-1	“	“	Yes	N/A
A-178	Ephemeral Channel 27b	“	“	Yes	N/A
A-179	Detention Basin 27b-1	“	“	Yes	N/A
A-180	Detention Basin 27b-1 buffer	“	“	Yes	N/A
A-181	NBSW 27c	“	“	Yes	N/A
A-182	NBSW 27d	“	“	Yes	N/A
A-183	Intermittent Stream 27e	“	“	Yes	N/A
A-184	IS 27e buffer	“	“	Yes	N/A
A-185	Open Water 27e-1	“	Ecology Addendum - May 2013	Yes	N/A
A-186	WL 27f	“	Ecology Addendum – October 2012	Yes	N/A
A-187	NBSW 27g	“	“	Yes	N/A
A-188	Intermittent Stream 27h	“	“	Yes	N/A
A-189	IS 27h buffer	“	“	Yes	N/A
A-190	Intermittent Stream 27i	“	“	Yes	N/A
A-191	IS 27i buffer	“	“	Yes	N/A
A-192	NBSW 27j	“	“	Yes	N/A
A-193	Intermittent Stream 27k	“	“	Yes	N/A
A-194	IS 27k buffer	“	“	Yes	N/A
A-195	Ephemeral Stream 27k-1	“	Ecology Addendum - May 2013	Yes	N/A
A-196	IS 27k-1 buffer	“	“	Yes	N/A
A-197	Perennial Stream 27l	“	Ecology Addendum – October 2012	Yes	N/A
A-198	PS buffer 27l	“	“	Yes	N/A
A-199	WL 27m	“	“	Yes	N/A
A-200	WL 27m-1	“	Ecology Addendum – May 2013	Yes	N/A

**ENVIRONMENTAL  
COMMITMENTS TABLE**

PI#s: 0009156, 0009157 | Counties: Clayton, Henry | Date Updated: 05/23/2013 | Stage: (FEA) | Date on Plans Reviewed by OES: March 2013

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A-209	NBSW 27q	“	“	Yes	N/A
A-210	NBSW 27r	“	“	Yes	N/A
A-211	Intermittent Stream 27s	“	“	Yes	N/A
A-212	IS 27s buffer	“	“	Yes	N/A
A-213	NBSW 27t	“	“	Yes	N/A
A-214	Intermittent Stream 27u	“	“	Yes	N/A
A-215	IS 27u buffer	“	“	Yes	N/A

**B. Special Provisions (Attach all special provisions to the commitments table, if available)**

<i>Special Provision</i>		<i>Purpose</i>	<i>Est. Cost</i>	<i>SP's Latest Date</i>
B-1	SP 107.23G – Protection of Federally Protected Species	Protection of migratory birds, Altamaha Shiner	Negligible	June 27, 2013

**C. Plan Notes and Design Features (Description: For plan notes, provide exact wording in “quotes” and approximate location)**

<i>Purpose</i>		<i>Description</i>	<i>Est. Cost</i>	<i>Correctly Shown?</i>
C-1	Protect Environmental Resources	Include the following note on all plan sheets with resources delineated as ESAs: “See Environmental Resources Impact Table in the General Notes for Construction Restrictions.” Delineate ESAs with orange barrier fencing.	Negligible	Yes
C-2	Noise Barriers	Include Noise Barriers 1, 2, 5, 6, 7, 8, 9, 10, and 11 on plans. *See Commitment E-3 for required noise barrier public outreach.	Negligible	Yes

**D. Permits, Buffer Variances and Mitigation Credits**

<i>Permit, Variance, etc</i>		<i>Additional Information (permit details, number of credits needed, etc.)</i>	<i>Est. Cost</i>	<i>Acquired?</i>
D-1	Notice of Intent (NOI) for NPDES	The Office of Bidding Administration and Construction Contractor will submit a NOI to the NPDES General Permit following award of the contract but prior to construction.	Negligible	Will be acquired following letting
D-2	USACE Section 404 Permit	Obtain USACE Regional General Permit 01 (RGP 01) for approximately 1,356 linear feet (0.402 acre) of permanent impacts to jurisdictional streams and approximately 1.53 acre of permanent impacts and 0.56 acres of temporary impacts to jurisdictional wetlands.	N/A	Will be acquired by Design Build Team
D-3	Mitigation Credits	Obtain 6,095.9 stream mitigation credits and 16.2 wetland mitigation credits from a USACE approved commercial mitigation bank servicing HUC 03070103	\$216,790	Will be acquired by Design Build Team

**ENVIRONMENTAL  
COMMITMENTS TABLE**

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		(0.402 acre) of permanent impacts to jurisdictional streams and approximately 1.54 acre of permanent impacts and 0.56 acres of temporary impacts to jurisdictional wetlands.		by Design Build Team
D-3	Mitigation Credits	Obtain 6,095.9 stream mitigation credits and 16.2 wetland mitigation credits from a USACE approved commercial mitigation bank servicing HUC 03070103	\$216,790	Will be acquired by Design Build Team
D-4	Stream Buffer Variance	Obtain Stream Buffer Variance for encroachment of Streams 1, 1o, 2a, 2, 2i, 2l, 8, 12b, 12j, 13b, 13, 14, 19, 20a, 23c, and 23e buffers.	N/A	Will be acquired by Design Build Team

**ENVIRONMENTAL  
COMMITMENTS TABLE**

PI#s: 0009156, 0009157 | Counties: Clayton, Henry | Date Updated: 05/23/13 | Stage: (FEA) | Date on Plans Reviewed by OES: March 2013

**E. Other Commitments or Requirements (Status: Pre- and Post – Complete or Incomplete; During – Signature Req’d)**

<i>Pre-, Post-, or During, Construction</i>		<i>Commitment</i>	<i>Responsible party</i>	<i>Est. Cost</i>	<i>Status</i>
E-1	Pre-construction	Cash-based and cash-preferred customer solutions would be implemented to facilitate toll lane access to those who may need or prefer to purchase Peach Pass accounts with cash and in person rather than online and with a credit card. These cash-based and cash-preferred customer solutions would also entail providing additional locations for Peach Pass Purchase, including retail outlets. In addition, minimum required initial values and re-load amounts for the Peach pass will occur. Finally, the transaction cost associated with reloading the card would be set to minimize the financial impact to cash-based and cash-preferred customers.	GDOT	Part of Public Outreach and Toll Operations	Incomplete
E-2	Post-construction	Annual surveys of users over a three-year period to be conducted; dissemination of monitoring information on SRTA and GDOT web sites. While the data gathered from these surveys may not enable near-term mitigation with this particular toll project, it will be available to assist in making decisions about any future toll-related projects that may be studied in the future.	GDOT	Part of Public Outreach and Toll Operations	Incomplete
E-3	Pre-construction	Public outreach with property owners and tenants of benefited receptors regarding proposed noise abatement, per GDOT’s July 2011 Policy will be conducted.	Design Build Team/ GDOT	N/A	Incomplete
E-4	Pre-construction	Construct Noise Walls if approved by property owners.	Design Build Team/ GDOT	\$10,724,327	Incomplete
E-5	Post-construction	GDOT will monitor usage and access of the managed lane system. If future access modifications are needed, GDOT will initiate changes either as part of this project or will coordinate with the ARC for a future project.	GDOT	N/A	Incomplete

<i>Total Estimated Cost</i>	\$10,941,117
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If Project is Complete or Under Construction, Area or Construction Engineer affirms that all Special Provisions, Plan Notes and During Construction Commitments were or are being adhered to during the project’s construction. PI#(s): \_\_\_\_\_.

Please Print Name and Title: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Please provide an explanation if unable to sign.

Environmental Commitment E-2: Survey Implementation Schedule.

