

# STATE ENVIRONMENTAL IMPACT REPORT

Florida Department of Transportation

PD&E WIDEN TPK FROM I-595 TO WILES RD (8 TO 10 LNS) (MP 53-70)

District: Florida's Turnpike Enterprise

County: Broward County

ETDM Number: 14350

Financial Management Number: 442212-1-22-01

Project Manager: Jazlyn Heywood

This project has been developed without regard to race, color, national origin, age, sex, religion, disability, or family status.

The SEIR reflects consideration of the PD&E Study and the public hearing.

Carol Scott

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District Secretary or Designee

Date: March 15, 2024



Electronically signed within SWEPT  
on March 15, 2024 2:57:29 PM EDT  
(electronic signature on file)

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Figure 1 - Project Location Map



TURNPIKE  
SOUTH OF I-595  
TO WILES ROAD  
PD&E

# 1. Project Information

## 1.1 Project Description

This is a Project Development and Environment (PD&E) study for evaluating the widening of the Turnpike from south of I-595 to Wiles Road, including express lanes, in Broward County. Florida's Turnpike Enterprise (Enterprise), part of the Florida Department of Transportation (FDOT), is evaluating alternatives to widen the Florida's Turnpike (State Road (SR) 91) from south of I-595 to Wiles Road (milepost (MP) 53 to 70), a distance of approximately 17 miles. As part of the study, all existing interchanges within the project limits and the need for a new interchange at Oakland Park Boulevard and Cypress Creek Road/McNab Road were evaluated. The project is in Broward County, Florida within the following eleven municipalities: Coconut Creek, Davie, Deerfield Beach, Fort Lauderdale, Lauderdale Lakes, Lauderhill, Margate, North Lauderdale, Plantation, Pompano Beach, and Tamarac. The project location map on the preceding page (**Figure 1**), shows the study area for the PD&E Study.

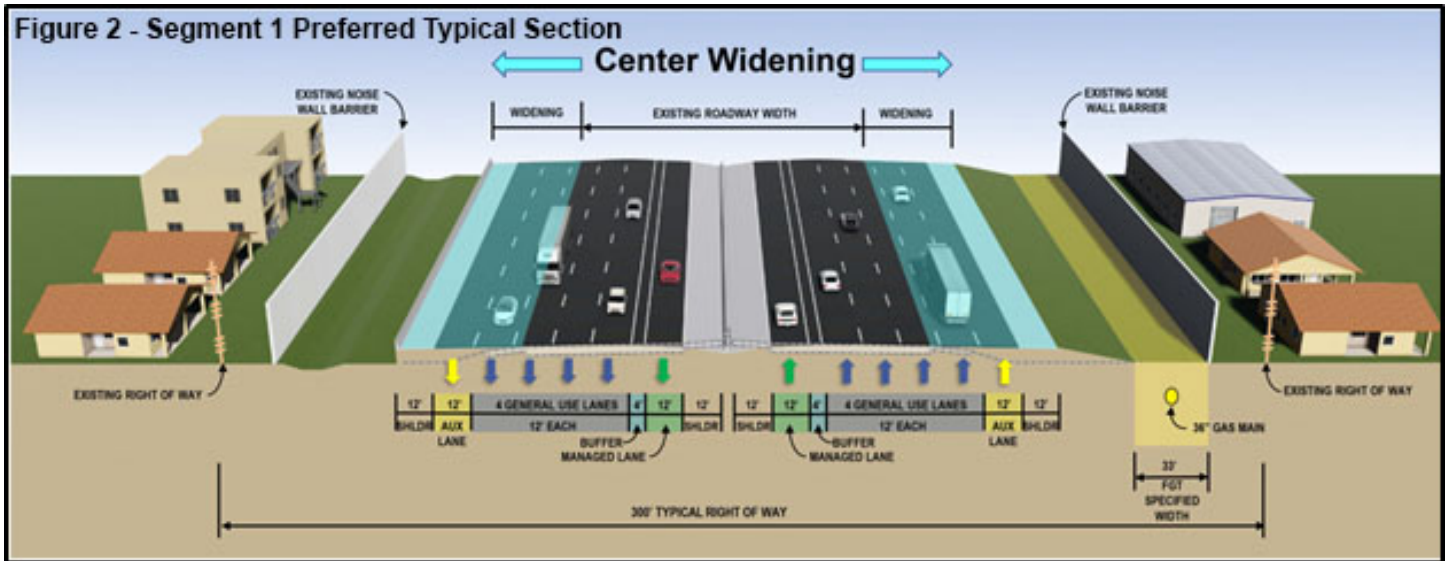
Currently, the Florida's Turnpike varies from eight to ten lanes (four lanes plus an auxiliary lane in each direction) from south of I-595 to south of Atlantic Boulevard and has six lanes (three lanes in each direction) from south of Atlantic Boulevard to Wiles Road. The roadway is functionally classified as an Urban Principal Arterial - Freeway and Expressway and has a posted speed limit of 70 miles per hour (mph). The access management classification is Class 1, and the corridor does not have a context classification.

Previous planning efforts conducted by the Enterprise concluded that major operational, safety, and capacity improvements are needed along Florida's Turnpike to improve the current and future peak period traffic operations along the mainline and at the interchanges. Improvements to the mainline, existing interchanges and the two proposed interchanges are expected to reduce the potential for traffic incidents and accommodate travel at acceptable levels of service.

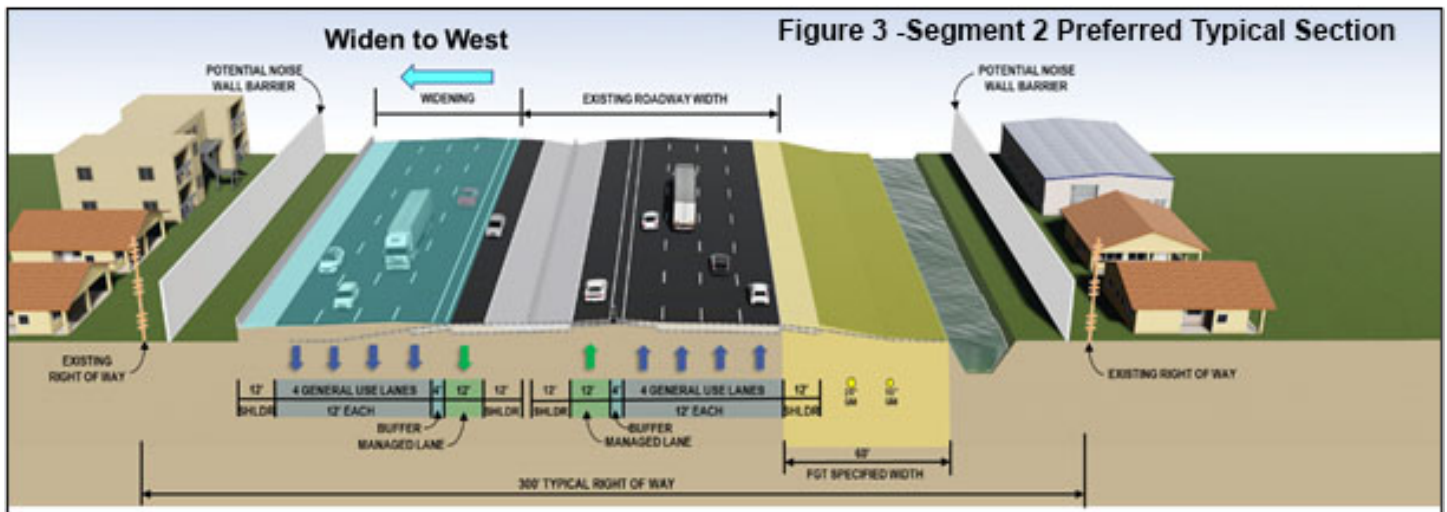
The Florida's Turnpike mainline improvements evaluated under this PD&E are divided into two main segments. Segment-1 extends from the begin study limits south of the I-595 interchange to south of the Atlantic Boulevard interchange. Segment-2 continues north from south of Atlantic Boulevard to the end of the study limits at Wiles Road. The segmentation is due to the difference in existing conditions specific to each segment.

Below is a summary of the proposed elements for the Preferred Alternative for Florida's Turnpike Mainline.

- Segment 1 (from south of I-595 interchange to south of Atlantic Boulevard) (**Figure 2**) - Center widening with four general use lanes, a managed lane, and a continuous auxiliary lane in each direction.



- Segment 2 (from south of Atlantic Boulevard to Wiles Road) (**Figure 3**) - widening to the west provides four general use lanes and a managed lane.



Below is a summary of the proposed elements for the Preferred Alternative Florida's Turnpike interchanges.

- I-595 Interchange - Preferred Build Alternative 1 will reduce the travel lanes and shoulder to accommodate the additional auxiliary lane.
- Sunrise Boulevard Interchange - Preferred Build Alternative 1 replaces the existing ramp bridge over the Florida's Turnpike Mainline and relocates the existing toll gantry for traffic entering the Florida's Turnpike's mainline southbound. In addition, the ramps to and from the north will need to be realigned to tie into the widened Florida's Turnpike Mainline.
- Oakland Park Boulevard Interchange - Preferred Build Alternative 1 introduces a new reliever interchange at Oakland Park Boulevard to be built in the vacant parcel located on the north-west quadrant of the Florida's Turnpike and Oakland Park Boulevard intersection.
- Commercial Boulevard Interchange - Preferred Build Alternative 1 maintains the existing interchange configuration while replacing the existing Commercial Boulevard bridge and ramp bridge over Florida's Turnpike to accommodate



the ultimate Mainline widening.

- Cypress Creek Road Interchange - Preferred Build Alternative 1 proposes a new Partial Cloverleaf interchange that will provide access to and from the north to Cypress Creek Road. This alternative also introduces a new intersection on the east side of Florida's Turnpike Mainline for the northbound on-ramp, a signalized southbound off-ramp, and westbound Cypress Creek intersection.
- Atlantic Boulevard Interchange - Preferred Build Alternative 1 proposes widening the existing single-lane northbound off-ramp to a two-lane off-ramp with double right-turn and left turn lane onto Atlantic Boulevard.
- Coconut Creek Parkway Interchange - Preferred Build Alternative 2 provides new diamond type southbound on-ramp and northbound off-ramps to and from Coconut Creek Parkway.
- Sample Road Interchange - Preferred Build Alternative 1 proposes a new ramp intersection at Sample Road on the westside of Florida's Turnpike and relocates the existing southbound ramps. The exiting southbound loop ramps are replaced with two new diamonds type ramps, and the ramps bridge over the Turnpike is removed.

Additional details regarding the preferred interchange alternatives are provided in the Preliminary Engineering Report found in the project file.

## 1.2 Purpose and Need

The purpose of this project is to reduce congestion along Florida's Turnpike Mainline to accommodate current and future traffic volumes generated by anticipated growth and development in Broward County and adjacent counties.

The need for this project is to improve current and future peak period traffic operations and safety issues at the interchanges and throughout the corridor. According to the Broward Metropolitan Planning Organization's (MPO) Metropolitan Transportation Plan (MTP), Commitment 2045, the population of Broward County is expected to grow from 1.9 million to 2.2 million (15.7% increase) between 2018 and 2045. Employment is projected to grow by 44% through 2045. The anticipated population growth is expected to increase traffic volume which will ultimately hinder traffic operations and increase safety concerns. The proposed project will improve travel time, reliability, enhance safety, improve regional connectivity and emergency response and evacuation times.

### 1.2.1 Project Status

The project is in the Broward MPO jurisdiction. The project is listed in the FDOT's State Transportation Improvement Program (STIP) with funding for PD&E prior to 2023. The Broward MPO Transportation Improvement Program (TIP) Fiscal Years 2020 - 2024 includes funding for Florida's Turnpike Widening from I-595 to Wiles Road for PD&E. Design, right-of-way acquisition, and construction are not currently funded.

### 1.2.2 Enhance Safety

The crash analysis shows that a total of 1,919 crashes were reported along the Turnpike Mainline, ramps, and interchange ramp termini within the project limits between 2012 and 2016.

An examination of the northbound Florida's Turnpike heatmap shows a high concentration of crashes at north of I-595 near the reversible ramps, at West Broward Boulevard south of the Sunrise Boulevard interchange, and north of Oakland Park Boulevard interchange where the Florida's Turnpike alignment shifts from north to northeast. Similar examination of the southbound Florida's Turnpike heat map shows a high concentration of crashes near the Sunrise Boulevard, Commercial Boulevard, Cypress Creek Road, and Sample Road interchange areas. Most crashes within the project limits were off-road accounting for 31% of crashes, followed by rear end collisions which accounted for 26%. This project seeks

to reduce congestion and improve operations, thus mitigating the existing crash patterns. Additional information is documented in the Systems Interchange Justification Report (SIJR).

### **1.2.3 Accommodate Travel Demands**

A need exists to improve local and regional traffic operations along Florida's Turnpike, as the projected future traffic results in an unacceptable level of service (LOS) for both the Mainline and existing interchanges within the project limits. The existing number of lanes along the project corridor will not accommodate the future transportation demands based on projected population, employment growth, and requirements as an evacuation route. Consequently, additional capacity is needed on the Florida's Turnpike to meet the future transportation demands as outlined in the Broward MPO 2045 MTP.

### **1.2.4 Improve Travel Time Reliability**

Current conditions along Florida's Turnpike highlight a need to improve travel time reliability. The project corridor along with the interchange ramps within the project limit currently experiences moderate to severe congestion during both the AM and PM peak hours. The proposed widening is anticipated to improve travel times for all users including emergency responders.

### **1.2.5 Improve Regional Connectivity**

Within the study area, Florida's Turnpike is part of the State's Strategic Intermodal System (SIS). The SIS is an intermodal network of transportation facilities that are designed to provide the highest degree of mobility for people and goods traveling throughout Florida. The SIS is an integral piece of Florida's goal to enhance economic competitiveness and quality of life for its citizens and visitors.

Florida's Turnpike provides north-south connectivity from Miami-Dade County to Sumter County and connects to I-75, northwest of Orlando. The project is located within a segment of the roadway network which is vital to the south Florida region. Corridor improvements are needed to enhance and maintain south Florida's economic and employment viability. The widening of the Turnpike will provide congestion relief which will ultimately improve operational safety along the facility.

### **1.2.6 Enhance Emergency Response and Evacuation**

Florida's Turnpike is a designated hurricane evacuation route, critical in facilitating traffic movement during emergency evacuation periods. With the population increase forecasted for the region, widening the Florida's Turnpike Mainline would provide greater capacity to efficiently move large volumes of traffic during emergency evacuation events.

## **1.3 Planning Consistency**

The project is in the Broward MPO jurisdiction. The project is listed in the FDOT's State Transportation Improvement Program (STIP) with funding for PD&E prior to 2023 (**Attachment 1**).

The Broward MPO Transportation Improvement Program (TIP) Fiscal Years 2020 - 2024 includes funding for the Florida's Turnpike Widening from I-595 to Wiles Road for PD&E. Design, right-of-way acquisition, and construction are not currently funded.

## 2. Environmental Analysis Summary

Issues/Resources	Substantial Impacts?*			
	Yes	No	Enhance	NoInv
<b>3. Social and Economic</b>				
1. Social	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Economic	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Land Use Changes	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Mobility	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Aesthetic Effects	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Relocation Potential	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>4. Cultural Resources</b>				
1. Florida Historical Resources Act (FHRA), Chapter 267, Florida Statutes (F.S.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Section 6(f) of the Land and Water Conservation Fund Act of 1965	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Recreational Areas and Protected Lands	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>5. Natural Resources</b>				
1. Wetlands and Other Surface Waters	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Aquatic Preserves and Outstanding Florida Waters	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. Water Resources	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Wild and Scenic Rivers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Floodplains	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Coastal Barrier Resources	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7. Protected Species and Habitat	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Essential Fish Habitat (EFH)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>6. Physical Resources</b>				
1. Highway Traffic Noise	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Air Quality	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Contamination	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Utilities and Railroads	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Bicycles and Pedestrians	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Navigation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* **Impact Determination:** Yes = Substantial Impact; No = No Substantial Impact; Enhance = Enhancement; NoInv = Issue absent, no involvement. Basis of decision is documented in the following sections.



## 3. Social and Economic

### 3.1 Social

Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations, signed by the President on February 11, 1994, directs federal agencies to take appropriate and necessary steps to identify and address disproportionately high and adverse effects of federal projects on the health or environment of minority and low-income populations to the greatest extent practicable and permitted by law.

The entire project corridor has a higher minority (78%) and low-income population (43%) as compared to the rest of Broward County, which is 64% minority and 31% low-income. Minority and low-income populations are found on both sides of Florida's Turnpike, with a slightly higher number of minority block groups (37) on the east side versus the west side (27). Similarly, there is a slightly higher number of low-income block groups (11) on the east side versus the west side (10). Minority and low-income populations are found distributed throughout the length of the corridor and on both sides of the Turnpike. Additional details regarding the demographics of the project corridor are included in Section 3.1 in the Sociocultural Effects Evaluation (SCE). Please see the SCE located in the project file for additional information.

Due to this corridor's population characteristics and distribution of minority and low-income populations on both sides of Florida's Turnpike, any adverse impacts within the corridor would be borne by minority and low-income populations. These adverse impacts include noise and vibration, increased traffic on Oakland Park Boulevard and Cypress Creek Road associated with new Turnpike access points, aesthetic effects associated with the new interchange structures. As outlined in the Conceptual State Relocation Plan (CSR), this project involves a total of 23 residential relocations including six (6) residential relocations near the Sunrise Boulevard interchange associated with the mainline widening, and 17 residential relocations on NW 41st Terrace, located north of Commercial Boulevard (SR 870), associated with the construction of a stormwater treatment pond. There are no business relocations. Please see the CSR located in the project file for additional information.

Those individuals that use the transit system will still have this service available. The research obtained from the CSR, as well as consultations with local government agencies reveals programs to assist business development and relocation. Relocation benefits provided in accordance with the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, as amended appear to be adequate.

Minority and low-income populations were invited to participate in the project development process at public and community meetings held throughout the PD&E Study. Mitigation measures developed include consideration of noise abatement and construction of noise walls determined to be feasible and reasonable under federal and state regulations during the design phase, improvements to Cypress Creek Road and Oakland Park Boulevard to accommodate increased traffic, landscaping to mitigate viewshed impacts at the new interchanges, and relocation assistance for relocated homes as appropriate. Mitigation measures developed for these adverse effects are described in Section 5.4 in the SCE. Please see the SCE located in the project file for additional information.

Although potential adverse effects to minority and low-income populations within the corridor are anticipated, these adverse effects are not anticipated to be significant, and a substantial need for the proposed improvements exists. The mobility benefits associated with the proposed improvements extend far outside the study corridor to Turnpike users within Broward County and the entire South Florida region. The proposed improvements are anticipated to reduce congestion,

enhance access to the Turnpike, improve travel times and reliability, and improve safety.

This project has been developed without regard to race, color, national origin, age, sex, religion, disability, or family status. The proposed improvements are not anticipated to have a substantial impact on social resources.

### 3.2 Economic

Florida's Turnpike Mainline is a critical component of the surface transportation system in Broward County. It promotes the movement of goods and people between airports, seaports, employment centers and residential areas throughout South Florida. The corridor also provides access to facilities of regional and statewide significance. Additionally, it is part of the Florida Strategic Intermodal System (SIS).

The widening of Florida's Turnpike Mainline, the proposed improvements to existing interchanges, and the proposed new interchanges will aid in the efficient movement of goods, people and services and thereby enhance the stated purpose of the SIS, which directly benefits the local and state economy.

Additional right-of-way will be required to accommodate the proposed improvements, including partial and total acquisition of properties that will be converted from private to public use. Any property converted from private to public use will no longer be generating property tax income for Broward County. In addition, total acquisition of twenty-three (23) privately owned parcels is anticipated, which would reduce Broward County's tax revenue by approximately \$90,828.71 per year. The properties are anticipated to be acquired by the Enterprise and converted to public use. The proposed improvements are anticipated to enhance business and employment opportunities both locally and regionally.

### 3.3 Land Use Changes

Land use changes are anticipated to result from the proposed improvements, initially with the direct conversion of existing land uses to transportation right-of-way. Twenty-three (23) single family homes will be converted from residential to transportation right-of-way. The former Inverrary golf course will be converted to transportation right-of-way with the construction of the new interchange at Oakland Park Boulevard and realigned Rock Island Road.

The proposed pond sites and floodplain compensation sites located within Fern Forest Nature Center would convert approximately 23.27 acres of park land to stormwater and floodplain compensation sites. More information on the locations of these resources can be found in the Sociocultural Effects Evaluation Report.

The proposed new interchanges at Oakland Park Boulevard and Cypress Creek Road could indirectly result in land use changes along these two roadways. Both new interchanges are in locations that are already developed, but with the new connection with Florida's Turnpike could encourage redevelopment because of the improved regional accesses to these arterial roadways from the Turnpike, including office, retail, commercial, and institutional uses. **Attachment 2** includes an existing land use map of the project area. Additional information on the proposed new interchanges can be found in the SCE Report.

The proposed improvements are not anticipated to have a substantial impact on land use changes.

### **3.4 Mobility**

The purpose of this project is to increase operational capacity to provide for future travel demand while improving safety, addressing roadway and structural improvements and enhancing travel conditions / operations throughout the study limits. Thus, mobility is enhanced with the recommended alternative.

The Preferred Build Alternative provides improved service to motorists with the addition of capacity on Florida's Turnpike mainline and providing additional interchange access. These additional interchanges will preserve existing bicycle and pedestrian facilities at interchange locations where they currently exist. Improved access to Florida's Turnpike with modifications to existing interchanges and the addition of two new interchanges is anticipated to benefit transit users taking Broward County Transit Routes that use Florida's Turnpike (Routes 18, 19, and Breeze express bus service).

The proposed improvements are anticipated to enhance mobility in the project corridor.

### **3.5 Aesthetic Effects**

Florida's Turnpike is an existing, limited-access transportation facility extending through highly developed Broward County. Florida's Turnpike pre-dates most of the surrounding community's development. The widening of Florida's Turnpike mainline enhance the transportation corridor's function and are compatible with the existing facility's relationship to the surrounding community.

Viewshed impacts are anticipated as part of the proposed improvements. The widening of Florida's Turnpike mainline to the west will result in additional pavement closer to adjacent land uses. In some locations, proposed noise barriers may be constructed that would block the view of Florida's Turnpike from adjacent properties. The proposed interchange improvements will alter the appearance of the current interchanges at all six locations.

The proposed new interchange at Oakland Park Boulevard is anticipated to impact the viewshed of surrounding properties. Currently, Oakland Park Boulevard is already bridged over Florida's Turnpike. The proposed Oakland Park Boulevard interchange concept includes an additional bridge over Florida's Turnpike in front of the Hawaiian Gardens Condominiums. Although the existing noise wall shields the view of Florida's Turnpike from the condominiums, the bridge and ramps signage and lighting could potentially be visible from Hawaiian Gardens Condominiums. The re-alignment of Rock Island Road associated with the Oakland Park Boulevard interchange would also bring elevated travel lanes and a new bridge within the viewshed of the Hills of Inverrary condominiums along Lime Hill Road.

The Coconut Creek Parkway interchange improvements will remove an existing loop ramp adjacent to the Wynmoor Village community and replace it with a flyover ramp. The flyover ramp was modified to maximize the distance between vehicles using the ramp and the community to the greatest extent possible to minimize any noise, vibration, or viewshed impacts.

Currently Cypress Creek Road is bridged over Florida's Turnpike. The proposed interchange concept would add a loop ramp that connects to the elevated bridge. The loop ramp is located in the south quadrant of the intersection, where no residential development is present. Impacts to the viewsheds of the surrounding residential communities on the opposite quadrants are anticipated to be minimal as views from these communities is already obscured by existing vegetation and distance from the proposed loop ramp.

The proposed improvements are not anticipated to have a substantial impact on aesthetics within the project corridor.

### **3.6 Relocation Potential**

This project will have relocation impacts that will include 23 residential displacements. The CSRPs identified five of the twenty-three single family homes to be relocated are landlord businesses. As such, landlords are entitled to business relocation benefits. None of the businesses proposed for acquisition are major employers.

Residents displaced by the proposed improvements at the Sunrise Boulevard Interchange and the proposed pond site in the Pompano Park neighborhood will receive relocation assistance as part of the FDOT's Relocation Assistance Program.

Last Resort Housing is used when a highway project cannot proceed to construction because suitable, comparable and/or adequate replacement sale or rental housing is not available and cannot otherwise be made available to the displaced within the payment limits. While the current Broward County real estate market is not experiencing a shortage of comparable replacement housing, in order to assure all displaced are placed in decent safe and sanitary replacement dwellings, Last Resort Housing will be used in the manner necessary to fulfill the requirements of the Uniform Relocation Act.

Those individuals that use the transit system will still have this service available. The research obtained from the CSRPs, as well as consultations with local government agencies, reveals programs to assist business development and relocation. Relocation benefits provided in accordance with the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, as amended appear to be adequate and the project will have no significant impact on relocation potential.

In order to minimize the unavoidable effects of Right of Way acquisition and displacement of people, the Florida Department of Transportation will carry out a Right of Way and Relocation Assistance Program in accordance with Florida Statute 421.55, Relocation of displaced persons.

## 4. Cultural Resources

### 4.1 Florida Historical Resources Act (FHRA), Chapter 267, Florida Statutes (F.S.).

A Cultural Resource Assessment Survey (CRAS), conducted in accordance with 36 CFR Part 800, was performed for the project, and the resources listed below were identified within the project Area of Potential Effect (APE). FDOT found that these resources do not meet the eligibility criteria for inclusion in the National Register of Historic Places (NRHP), and State Historic Preservation Officer (SHPO) concurred with this determination on 04/17/2023. Therefore, FDOT, in consultation with SHPO, has determined that the proposed project will result in No Historic Properties Affected.

A pedestrian survey of the Area of Potential Effect (APE) was conducted to document any cultural material encountered within the APE, identify any potential areas of increased archaeological site potential, document current conditions within the APE, and determine where subsurface testing was feasible. Due to the results of the current pedestrian survey, the level of previous survey work that occurred during the aforementioned survey efforts, and the previous coordination of those survey efforts with the SHPO, subsurface testing for the current survey focused primarily on areas of newly proposed right-of-way (ROW). Historic resources survey efforts focused on the entire historic resources APE due to the potential for resources to have become newly historic since the previous survey work occurred.

The majority of the archaeological APE is located within the existing right-of-way that has been surveyed for archaeological resources during eight previous cultural resources survey efforts. Most of the archaeological APE is also within areas of existing ROW that have been disturbed during the construction, modification, and maintenance of the Florida's Turnpike mainline (SR 91), I-595, W. Sunrise Boulevard, W. Oakland Park Boulevard, NW 55th Avenue, W. Commercial Boulevard, W. Cypress Creek Road, W. Atlantic Boulevard, and W. Sample Road. These areas have also been modified during the installation of collocated underground utility corridors, drainage facilities, retention ponds, and drainage features. No archaeological sites were recorded within or adjacent to the current APE during the aforementioned archaeological survey efforts, and no archaeological sites or archaeological occurrences were newly identified within the current APE during the current survey. While subsurface testing was not feasible within segments of the APE due to hardscape, underground utilities, drainage ditches, excavated ponds, and standing water, 34 shovel tests were excavated within the archaeological APE where feasible. Based on the results of the current survey, as well as the results of the pedestrian surveys and subsurface testing conducted within the APE during the previous survey efforts, the archaeological APE exhibits a low potential for encountering intact archaeological deposits or significant archaeological sites.

The historic resources field survey and research resulted in the identification of 149 historic resources within the APE, consisting of 21 previously recorded resources and 128 newly recorded resources. Of the 149 total resources, there is one linear resource (8BD3226), one cemetery (8BD8423), two bridges, 18 resource groups, and 127 structures. Two of the newly identified resources are recommended eligible for listing on the National Register: Plantation Village Shopping Center/8BD8428 and Turnpike Toll Plaza/8BD8542. The Plantation Village Shopping Center/8BD8428 is an example of a Colonial Revival Style commercial structure with excellent integrity. The structure is recommended individually eligible for the National Register under Criterion C for Architecture. The Turnpike Toll Plaza/8BD8542 is the last remaining original toll booth constructed by the Florida Turnpike Authority when the Sunshine State Parkway was constructed through the project area in the 1950s. It is recommended individually eligible under Criterion A in the area of Transportation for its association with the development of the state in the Post World War II era.

The remaining 147 historic resources have been determined ineligible or are considered ineligible for listing on the National Register. Historical research and field survey did not reveal any significant associations with the resources. Several of the resources also are examples of typical architecture found in South Florida and have significant alterations. There were multiple types of resource groups recorded within the APE. These include condominium/apartment complexes, golf courses, a hospital, and mobile home parks. Historical research, field survey, and reconnaissance survey of the surrounding areas outside of the APE did not reveal any potential historic districts. Florida Master Site File (FMSF) forms for newly recorded and select previously recorded historic resources are included in the CRAS Volume II.

The Florida State Historic Preservation Officer provided concurrence on April 17, 2023, that the CRAS is complete and sufficient and concurs with the recommendations provided for SHPO/FDHR Project File Number 2018-2570C (**Attachment 3**). The CRAS is located in the project file for additional information on cultural resources. This project is anticipated to have no significant effect on historic resources.

## **4.2 Section 6(f) of the Land and Water Conservation Fund Act of 1965**

The following evaluation was conducted pursuant to Section 6(f) of the land and water conservation fund of 1965.

Tradewinds Park, which is owned and managed by Broward County is a Section 6(f) resource located within the project corridor at the Sample Road Interchange. Tradewinds Park includes 626.7 acres on the north and south sides of Sample Road, west of the Florida Turnpike. South of Sample Road, the park offers a disc golf course, a lake for fishing, and athletic fields. North of Sample Road, the park offers horse stables, an educational farm, and model steam engine rides. Both sides of the park contain nature boardwalks, bike paths, playgrounds, picnic areas, and rental shelters.

Because the recommended alternative consists of adding capacity to Florida's Turnpike by widening the existing 6-lane section to 10 lanes, right-of-way (ROW) acquisition is required from various parcels located adjacent to the corridor, including area from Tradewinds Park. Several Florida Gas Transmission (FGT) gas lines run along the east side of the Turnpike, constraining design on that side. Therefore, proposed travel lanes will be shifted to the west to avoid conflicts with FGT.

The mainline shift requires the reconstruction of the Sample Road interchange bridge and provides an opportunity to improve the interchange configuration.

The proposed additional interchange area required for the W. Sample Road interchange improvements does not affect the recreational uses at the park. No recreation resources, facilities, or opportunities will be lost by the conversion. The bike path will be relocated under a new Sample Road bridge to maintain its recreational use, park access and circulation, fulfilling Goal 3-1, improve urban recreational opportunities (The Statewide Comprehensive Outdoor Recreation Plan (SCORP) - 2018). The conversion of the parkland is to be replaced using two parcels currently owned by FTE and maintained as transportation ROW which are adjacent to the Tradewinds Park Section 6(f) boundary. These replacement sites include a portion of the area currently occupied by the southbound interchange ramp/loop in the southwest quadrant of the Turnpike and Sample Road interchange, and an area located west of the existing limit of access fence approximately 1,475 feet north of Sample Road. Tradewinds Park is receiving the replacement sites for future park land.

FTE is currently completing the Section 6(f) of the Land and Water Conservation Fund (LWCF) Act Small Conversion (NPS Form 10-904 [Rev. 12/2019]). As reflected in the LWCF Proposal Description and Environmental Screening Form (PD/ESF), minor to no environmental impacts would occur on resources being removed from Section 6(f)(3) protection, on

the remaining Section 6(f)(3) area, and on the contiguous new replacement land by placing it under Section 6(f)(3) protection. Based on the information included within the PD/ESF, it is anticipated that the entire conversion proposal would be categorically excluded from further environmental review under the National Environmental Policy Act (NEPA).

Anticipated forested wetland impacts for the roadway Preferred Build Alternative is estimated at 1.16 acres located within Tradewinds Park. Since a regional park is being impacted, as part of the Broward County, FL Code of Ordinances Section 8.13, "Regional Parks may not be sold, transferred, or used for purposes other than as a regional park unless such action is approved by an affirmative vote of no less than sixty percent (60%) of the electors of Broward County voting in a referendum at either a general election or a special election." Further coordination on this ordinance will occur with Broward County during the design phase. All other alternatives have been assessed to minimize impacts to the regional parks, and the selected preferred alternative was able to minimize the most impacts. Impacts to Section 6(f) resources are not anticipated to be significant.

### **4.3 Recreational Areas and Protected Lands**

The proposed improvements impact two regional parks/recreation areas: Tradewinds Park and Fern Forest Nature Center. Tradewinds Park is a 638.5-acre Broward County Park located just west of Florida's Turnpike at Sample Road. The proposed interchange improvements at Sample Road require 8.85 acres from Tradewinds Park associated with the re-alignment of Tradewinds Park Road. Fern Forest Nature Center is a 247.1-acre Broward County Park located just west of Florida's Turnpike south of Atlantic Boulevard. The proposed pond sites and floodplain compensation sites would impact approximately 23.27 acres within Fern Forest Nature Center.

All other alternatives have been assessed to minimize impacts to the regional parks, and the selected preferred alternative was able to minimize the most impacts. Impacts to recreational and protected lands are not anticipated to be significant.

## 5. Natural Resources

### 5.1 Wetlands and Other Surface Waters

The following evaluation was conducted pursuant to Presidential Executive Order 11990 of 1977 as amended, Protection of Wetlands and the USDOT Order 5660.1A, Preservation of the Nation's Wetlands.

Wetlands within the project area consist of mixed wetlands forest communities, in which neither hardwoods or conifers achieve a 66 percent dominance of the crown canopy composition. Common vegetation within this wetland type includes; laurel oak (*Quercus laurifolia*), red maple (*Acer rubrum*), bald cypress (*Taxodium distichum*), wax myrtle (*Myrica cerifera*), and Peruvian primrose willow (*Ludwigia peruviana*).

The wetlands and other surface waters within the project study area were overlaid with the preferred roadway and preferred pond sites to identify areas of impacts. Anticipated wetland impacts for the roadway Preferred Build Alternative is estimated at 1.16 acres.

As outlined in the Location Hydraulics Report, pond alternatives located within the C-14 and Hillsborough basin include stormwater ponds or floodplain compensation site alternatives which are located within wetlands. The preferred pond site alternatives in the Hillsboro basin do not include sites located within wetlands. The preferred pond site alternatives in the C-14 basin, include five pond sites or floodplain compensation sites, which are anticipated to impact wetlands. These alternatives are; Pond Sites 1B, 1C, 1D, 2C, and Floodplain Compensation Site 2. These five preferred pond sites or floodplain compensation sites are anticipated to impact 27.45 acres of forested wetlands.

As shown in **Table 5-1**, total impacts to forested wetlands is anticipated at 28.61 acres.

The Uniform Mitigation Assessment Method (UMAM) was established to fulfill the mandate of subsection 373.414(18), F.S., which requires the establishment of a uniform mitigation assessment method to determine the amount of mitigation needed to offset adverse impacts to wetlands and other surface waters and to award and deduct mitigation bank credits. Functional loss was calculated by wetland and natural other surface water habitat type for the preferred alternative using the UMAM. As shown in **Table 5-1**, total functional loss to wetlands is anticipated at 20.21 units.

**Table 5-1 - Wetland Impacts**

Wetland Identification	Wetland Type	UMAM Score (Delta Value)	Total Impact Acreage	Functional Loss Value
91 (Tradewinds Park)	Forested	0.60	1.16	0.70
93 (Fern Forest Nature Center)	Forested	0.77	23.27	17.84
94	Forested	0.40	4.18	1.67
Total			28.61	20.21

It has been determined that there is no practicable alternative to the proposed construction in wetlands and that the proposed action includes all practicable measures to minimize harm to wetlands which may result from such use. As the project advances through subsequent phases, avoidance and minimization of wetland impacts will continue to be



considered to the maximum extent practicable. Therefore, through appropriate mitigation during the design and permitting phase, the proposed project is expected to result in no significant impacts to wetlands.

Wetland impacts which will result from the construction of this project will be mitigated pursuant to Section 373.4137, F.S., to satisfy all mitigation requirements of Part IV of Chapter 373, F.S., and 33 U.S.C. 1344. Compensatory mitigation for this project will be completed through the use of mitigation banks and any other mitigation options that satisfy state and federal requirements. The proposed project will have no significant short-term or long-term adverse impacts to wetlands because any unavoidable impacts to wetlands will be mitigated to achieve no net loss of wetland function.

The project is located within the New River watershed. The Pembroke Pines Mitigation Bank (PPMB) is located within the New River watershed. Review of the USACE Regulatory In-lieu Fee and Bank Information Tracking System (RIBITS), shows that PPMP (SAJ-1993-00370) has 55.96 available palustrine (freshwater) credits available within the mitigation bank service area.

Wetlands related permits expected to be acquired for this project include USACE Section 10 or Section 404 Permit, Section 408 Permit, a DEP or SFWMD Environmental Resource Permit, a DEP National Pollutant Discharge Elimination System Permit, a SFWMD Right-of-Way Permit, and a State 404 Permit. Please see the Natural Resources Evaluation (NRE) located in the project file for additional information on wetlands and other surface waters.

Pond Sites 1B, 1C, 2C, and Floodplain Compensation Alternative 2 are located within the Fern Forest Nature Center. The Fern Forest Nature Center is located west of the Pompano Beach Service Plaza. The estimated total impact to Fern Forest Nature Center is 23.27 acres.

The anticipated impacts are impacting two regional parks and recreation areas, Tradewinds Park, and Fern Forest Nature Center. The preferred alternative is anticipated to impact forested wetlands within the regional parks, Fern Forest Nature Center is approximately 23.27 acres and Tradewinds 1.16 acres (**Table 4-4**). Since regional parks are being impacted, as part of the Broward County, FL Code of Ordinances Section 8.13, "Regional Parks may not be sold, transferred, or used for purposes other than as a regional park unless such action is approved by an affirmative vote of no less than sixty percent (60%) of the electors of Broward County voting in a referendum at either a general election or a special election." Further coordination on this ordinance will occur with Broward County during the design phase.

No significant impacts to wetlands or other surface waters are anticipated.

## **5.2 Aquatic Preserves and Outstanding FL Waters**

There are no aquatic preserves or Outstanding Florida Waters (OFW) in the project area.

## **5.3 Water Resources**

Project improvements will be designed to meet the regulatory requirements of the South Florida Water Management District (SFWMD), Florida Department of Environmental Protection (FDEP), United States Army Corps of Engineers (USACE), the requirements outlined in the FDOT Drainage Manual, and the requirements of the Enterprise.

In addition to providing water quality treatment for the increase in impervious area associated with these improvements, water quality treatment will also be considered for any impervious area that was previously permitted for treatment if the existing permitted stormwater management facility will be impacted by the proposed improvements.

Based on the information presented in the Pond Siting Report (PSR), nutrient water quality treatment is not required.

In the proposed condition, historic drainage patterns are anticipated to be maintained for both on-site and offsite stormwater runoff. The outfall location of each basin will also remain the same as it is in the existing condition. Remnant, or excess parcels south of Atlantic Boulevard have already been converted into existing stormwater management facilities during previous corridor improvements. North of Atlantic Boulevard the remnant parcel at MP 70 will be incorporated into pond alternative analysis.

As described in the PSR Section 6.1, water quality credits do exist within some of the existing dry detention swales along the corridor. However, the assumption made during this analysis is that proposed improvements will significantly impact most of these existing linear systems making it difficult to use the credits as existing compensatory treatment opportunities. Within existing permitted interchange ponds along the corridor, there is an insignificant volume of treatment credit, and these ponds were assumed to remain intact along with their permitted water quality volume assuming they were not impacted by the proposed interchange improvements. Therefore, required treatment volumes have been established for each sub-basin based on the additional impervious area plus any treated impervious area associated with past improvements where appropriate (i.e. - outside existing permitted interchange ponds). However, because SFWMD does not require treatment of the entire directly connected impervious area, treatment was evaluated using a basin-wide approach, taking advantage of available stormwater management opportunities within each sub-basin to treat as much pavement as possible. Within some of the sub-basins, the entire available pavement was treated to compensate for not treating any pavement or treating a reduced area of pavement within the other sub-basins. **Attachment 5** includes meeting minutes of the interagency permitting meeting.

Four wellfields are located adjacent to the corridor and their respective zones of influence extend into FTE ROW. However, based on FTE's understanding of the limits of each wellfield, the proposed roadway improvements are not anticipated to result in any impacts to the existing wellfield infrastructure. Further none of the preferred pond alternatives are expected to impact any existing wellfield infrastructure. A map of the wellfield sites can be found in the Pond Siting Report.

The four wellfield sites adjacent to the corridor are:

- Peele-Dixie Wellfield (City of Ft. Lauderdale)
- Prospect Wellfield (City of Ft. Lauderdale)
- City of Lauderhill Wellfield
- City of Pompano Beach Wellfield

The anticipated permits for this project are:

- Section 404 State Permit (FDEP)
- Section 404 Federal Permit (USACE)
- Section 408 Permit (USACE)
- Environmental Resource Permit (SFWMD)
- Right of Way Permit (SFWMD)
- National Pollutant Discharge Elimination System Permit (FDEP)

This project is not anticipated to have a significant impact on water resources. Please see the PSR located in the project file for additional information on water resources.

## 5.4 Wild and Scenic Rivers

There are no designated Wild and Scenic Rivers or other protected rivers in the project area.

## 5.5 Floodplains

Floodplain impacts resulting from the project were evaluated pursuant to Executive Order 11988 of 1977, Floodplain Management.

Project Improvements will encroach into the various interconnected floodplains adjacent to the corridor. A volumetric analysis of the impacts resulting from roadway improvements and compensation for these impacts has been included in the Location Hydraulics Report (LHR). The limits of Zone AE and Zone AH have been outlined on the drainage maps. Zone X is the only other flood zone within the vicinity of the corridor and it is typically located adjacent to the corridor beyond the limits of Zone AE and Zone AH.

The highly urbanized nature of this corridor and lack of undeveloped parcels minimizes the opportunities for offsite floodplain compensation. However, where possible offsite undeveloped areas were considered as well as available infield areas within the existing and proposed interchanges. Except for the area between Broward Boulevard and Sunrise Boulevard, two potential floodplain compensation areas were identified within the six basins within the project limits.

The floodplain areas within the project limits are located in high density, urbanized areas; however, the encroachment areas are classified as minimal. Minimal encroachments on a floodplain occur when there is floodplain involvement but the impacts on human life, transportation facilities, and natural and beneficial floodplain values are not significant and can be resolved with minimal efforts. Normally, these minimal efforts to address the impacts will consist of applying FDOT's drainage design standards and following the South Florida Water Management District's procedures to achieve results that will not increase or significantly change the flood elevations and/or limits.

Furthermore, the project will not affect existing flood heights or floodplain limits. There will be no significant change in the potential for interruption or termination of emergency service or emergency evacuation routes as the result of construction of this project. Therefore, it has been determined that this encroachment is not significant.

It has been determined, through consultation with local, state, and federal water resources and floodplain management agencies that there is no regulatory floodway involvement on the project and that the project will not support base floodplain development that is incompatible with existing floodplain management programs.

This project is anticipated to have no significant effect on floodplains. Please see the LHR located in the project file for additional information regarding floodplains.

## 5.6 Protected Species and Habitat

The following evaluation was conducted pursuant to Section 7 of the Endangered Species Act of 1973 as amended as well as other applicable federal and state laws protecting wildlife and habitat.

The project study area was evaluated for the presence of federal and/or state protected species and their suitable habitat in accordance with Section 7 of the Endangered Species Act (ESA) and Part 2, Chapter 16 of the PD&E Manual. The following lists summarize the effect determinations that have been made for each federal- and state-managed/protected

species based upon their probability ranking and the implementation measures and/or commitments to offset any potential impacts to each species. **Attachment 4** includes meeting minutes of a technical assistance meeting held with USFWS. The NRE, Section 3, includes details of the effect determinations summarized below.

The project will have no effect the following federally listed species:

- Florida panther
- West Indian manatee
- Southeastern beach mouse
- Eastern black rail
- Everglade snail kite
- American crocodile
- Bartram's hairstreak butterfly
- Florida leafwing butterfly
- Miami blue butterfly
- Florida bonneted bat

The project may affect, but is not likely to adversely affect the following federally listed species:

- Eastern indigo snake
- Wood stork

As the project will include the implementation measures outlined below, the project will have no adverse effect anticipated on the following state listed species:

- Gopher tortoise
- Florida burrowing owl
- Wading birds including little blue heron, tricolored heron, and roseate spoonbill
- Southeastern American kestrel
- Florida sandhill crane

As the project will include the implementation measures outlined below, the project will have no effect anticipated on the following state listed species:

- Florida pine snake

The project will have no adverse effect anticipated on the following managed/protected species:

- Bald eagle
- Osprey
- Bats
- Florida black bear

In order to assure that the proposed project will not adversely impact these species, the Enterprise will include the following implementation measures:

- During the design permitting phases, updated surveys for the following species will be performed: gopher tortoise, burrowing owl, sandhill crane nests and eagle nests.
- If any gopher tortoise burrows are located, a permit will be obtained from the FWC.
- During the design and permitting phases of this project, the Enterprise will conduct surveys to identify any osprey nests within the project area. If nest removal is deemed necessary, the Enterprise will remove nest(s) when they are inactive (i.e., without eggs or flightless young).

The project is anticipated to implement the following commitments regarding listed species:

- The Enterprise will complete a wood stork suitable foraging habitat assessment during the project's Design phase to ensure that the proper amount of mitigation is procured for impacts to suitable wood stork foraging habitat in accordance with the wood stork consultation key.
- The project will implement the most updated version of the U.S. Fish & Wildlife Service (USFWS) approved Standard Protection Measures for the Eastern Indigo Snake (most updated version) during the proposed roadway improvements.
- The Enterprise will reinitiate technical assistance with the USFWS during the project's design phase regarding the Florida bonneted bat.

Permits anticipated to be acquired include an FWC Gopher Tortoise Relocation Permit and an FWC Burrowing Owl Permit. Please see the NRE located in the project file for additional information regarding protected species and habitat. This project is anticipated to have no significant effect on protected species and habitat.

### **5.7 Essential Fish Habitat (EFH)**

An EFH Assessment has been prepared and technical assistance with the National Marine Fisheries Service (NMFS) has occurred in accordance with the Magnuson-Stevens Fishery Conservation and Management Act (MSFCMA). It has been determined that this project will not have adverse effects to EFH.

Based on the project location, information provided in the ETDM website, and GIS-based analysis of impacts, NOAA's NMFS has provided input in the ETDM screening (# 14350) that the project overlaps the South Fork of the New River (North New River Canal) downstream of the salinity control structure at Sewell Lock. The NMFS noted that South Atlantic Fishery Management Council (SAFMC) has designated mangroves, sand/mud bottom and associated water column as EFH. Mangroves are also considered Habitat Area of Particular Concern (HAPC). HAPC's are subsets of EFH that are rare, particularly susceptible to human induced degradation, especially ecologically important, or located in an environmentally stressed area. Following a meeting with NMFS staff on November 17, 2021 (**Attachment 6**), the NMFS inquired if a benthic survey for seagrass would be conducted, and if the project would affect mangroves.

At the Turnpike / I-595 Interchange (Exit 54), the project evaluated four viable interchange alternatives. The recommended improvement at this interchange is Alternative 4, Option E. This alternative uses a practical design approach to accommodate the additional auxiliary lane by reducing lane and shoulder widths. Lane widths and shoulder widths would not meet Florida Design Manual (FDM) standards and would require design exceptions to be approved by the FDOT State Roadway Design Engineer.

The recommended improvement at this interchange will be confined to the existing bridge limits and are not anticipated to require any work within the North New River Canal or result in a need for benthic habitat survey or evaluation of shading impacts. Therefore, Florida's Turnpike Enterprise has recommended that the project has no effect on EFH.

It is anticipated that this project will have no effect on EFH. Please see the NRE located in the project file for additional information regarding essential fish habitat.

## 6. Physical Resources

### 6.1 Highway Traffic Noise

The following evaluation was conducted pursuant to 23 CFR 772 Procedures for Abatement of Highway Traffic Noise and Construction Noise, and Section 335.17, F.S., State highway construction; means of noise abatement.

A Noise Study Report was completed in December 2023 documenting the noise impacts evaluation along the corridor. The report is available as an attachment. Within the study area, there are 27 existing noise barriers that will be retained in the future design. To determine if noise barriers were feasible and reasonable in areas with existing barriers, the base condition for determining impacts and benefits in the barrier analysis assumed no barriers as part of the build alternative. For consistency with other FDOT projects, the criteria for reasonableness and feasibility were applied to a future condition that included both existing and new barriers compared against this "no-barrier" condition. It should be noted that the existing barriers are not adequate by themselves to eliminate all noise impacts behind those barriers within this project. Therefore, additional new barriers were considered to supplement the existing noise barriers being retained.

For the year 2045 Build condition, noise levels were modelled in TNM at 1,976 receptor locations representing 10,459 residential and 192 special land use noise sensitive sites. Noise levels at 4,424 residences and 67 non-residential "special land use" sites, are predicted to approach or exceed the NAC for the year 2045 Build Alternative and therefore considered "impacted".

Analyses were performed of the impacted locations to determine if noise abatement was potentially feasible and reasonable under FDOT policy, including the no-barrier analysis of existing noise barriers. The noise barrier analysis shown in **Table 6-1** indicates that noise barriers could potentially provide reasonable and feasible noise abatement for 3,798 of the 4,424 impacted residences (including existing barrier "no-barrier" analysis impacts), as well as provide a 5 dB(A) noise reduction benefit to 2,170 non-impacted residences. Noise abatement was not determined feasible and reasonable for any of the 67 impacted special use sites; however, some of the special use locations will receive incidental benefits from noise barriers for the residential areas.

Table 6-1 – Potentially Feasible and Reasonable Noise Barrier Evaluation

Summary Turnpike (SR 91) Widening from 595 to Wiles - PD&E Study Report

Noise Barrier System (CNEs included in barrier system)	Communities Potentially Benefited by Noise Barrier System	Number of Impacted Residences <sup>1</sup>	Noise Barrier Approx. Begin Station	Noise Barrier Approx. End Station	Preliminary Noise Barrier Height (ft.)	Preliminary Noise Barrier Length (ft.) <sup>7</sup>	Preliminary Noise Barrier Location	Total Noise Barrier System Cost (includes costs of existing barriers) <sup>2</sup>	New Construction Noise Barrier Cost <sup>3</sup>	Number of Residences Potentially Benefited by a Noise Barrier <sup>4</sup>		Total Noise Barrier System Cost Per Benefited Residence <sup>5</sup>
										Impacted	Total	
<b>NOISE BARRIERS NORTHBOUND SIDE OF TURNPIKE (<i>italics indicate existing barriers, black text indicates new proposed barriers</i>)</b>												
#1 (NB01)	Broadview Park and Washburn Park	98	<i>1370+50</i>	<i>1392+60</i>	<i>22</i>	<i>2190</i>	<i>ROW<sup>6</sup></i>	\$2,761,200	\$0	94	155	\$17,814
			<i>1365+30</i>	<i>1372+00</i>	<i>8</i>	<i>670</i>	<i>SH<sup>8</sup></i>					
			<i>1349+80</i>	<i>1367+10</i>	<i>22</i>	<i>1750</i>	<i>ROW<sup>8</sup></i>					
#2 (NB02)	Plantation Walking Park, Lauderdale Golf Estates	35	<i>1396+20</i>	<i>1423+80</i>	<i>20</i>	<i>2750</i>	<i>ROW</i>	\$1,650,000	\$0	33	61	\$27,049
#3 (NB03)	Breezeswept Park Estates	83	<i>1458+10</i>	<i>1500+00</i>	<i>11</i>	<i>4220</i>	<i>ROW<sup>6</sup></i>	\$3,514,200	\$701,400	69	188	\$18,693
			1448+60	1497+00	14	4880	SH <sup>8</sup>					
			1445+40	1448+60	8	300	SH <sup>8</sup>					
#4 (NB04 & NB05)	The Flair, Castle Gardens II, Woodsdale Oaks	184	1509+00	1523+00	22	1600	ROW <sup>8</sup>	\$5,308,200	\$2,257,200	145	227	\$23,384
			1555+50	1565+50	22	1000	ROW <sup>8</sup>					
			<i>1565+50</i>	<i>1574+50</i>	<i>22</i>	<i>900</i>	<i>ROW<sup>6</sup></i>					
			1574+50	1577+50	22	300	ROW <sup>8</sup>					
			1586+50	1591+70	22	520	ROW <sup>8</sup>					
			<i>1523+00</i>	<i>1553+80</i>	<i>20</i>	<i>3080</i>	<i>ROW<sup>6</sup></i>					
			<i>1577+50</i>	<i>1586+50</i>	<i>19</i>	<i>900</i>	<i>ROW<sup>6</sup></i>					
#5 (NB06)	Hawaiian Gardens Apartments	318	<i>1613+50</i>	<i>1635+00</i>	<i>16</i>	<i>2150</i>	<i>ROW<sup>6</sup></i>	\$2,134,800	\$1,102,800	272	284	\$7,517
			1608+00	1613+80	22	500	ROW <sup>9</sup>					
			1608+80	1641+00	8	3290	SH <sup>8</sup>					
#6 (NB07)	Monterey, Oakland Estates, Mainlands (portion East of Turnpike)	190	<i>1637+60</i>	<i>1662+60</i>	<i>19</i>	<i>2440</i>	<i>ROW<sup>6</sup></i>	\$3,896,400	\$0	175	191	\$20,400
			<i>1662+40</i>	<i>1700+60</i>	<i>18</i>	<i>3790</i>	<i>ROW<sup>6</sup></i>					
			<i>1700+40</i>	<i>1710+60</i>	<i>15</i>	<i>1020</i>	<i>ROW<sup>6</sup></i>					
#7 (NB08)	Imperial Estates	147	<i>1714+00</i>	<i>1746+80</i>	<i>18</i>	<i>3670</i>	<i>ROW<sup>6</sup></i>	\$1,981,800	\$0	143	291	\$6,810

**Table 6-1 – Potentially Feasible and Reasonable Noise Barrier Evaluation**  
**Summary Turnpike (SR 91) Widening from 595 to Wiles - PD&E Study Report**

Noise Barrier System (CNEs included in barrier system)	Communities Potentially Benefited by Noise Barrier System	Number of Impacted Residences <sup>1</sup>	Noise Barrier Approx. Begin Station	Noise Barrier Approx. End Station	Preliminary Noise Barrier Height (ft.)	Preliminary Noise Barrier Length (ft.) <sup>7</sup>	Preliminary Noise Barrier Location	Total Noise Barrier System Cost (includes costs of existing barriers) <sup>2</sup>	New Construction Noise Barrier Cost <sup>3</sup>	Number of Residences Potentially Benefited by a Noise Barrier <sup>4</sup>		Total Noise Barrier System Cost Per Benefited Residence <sup>5</sup>
										Impacted	Total	
#8 (NB09 & NB10)	The Asher, Palm Aire Village West, The Gardens, Royal Poinciana Condominiums, St. Andrews at Palm Aire, Palm Aire Country Club Apts., Palm Aire	733	1790+00	1792+00	17	200	ROW <sup>8</sup>	\$6,131,700	\$2,233,200	495	873	\$7,024
			<i>1784+40</i>	<i>1790+00</i>	<i>17</i>	<i>560</i>	<i>ROW<sup>6</sup></i>					
			<i>1790+00</i>	<i>1820+20</i>	<i>17</i>	<i>2830</i>	<i>ROW<sup>6</sup></i>					
			1770+00	1784+40	17	1440	ROW <sup>8</sup>					
			<i>1847+30</i>	<i>1888+20</i>	<i>16</i>	<i>4090</i>	<i>ROW<sup>6</sup></i>					
			<i>1887+00</i>	<i>1891+00</i>	<i>16</i>	<i>430</i>	<i>ROW<sup>6</sup></i>					
			1820+20	1834+60	14	1430	SH <sup>9</sup>					
1838+20	1855+00	14	1680	SH <sup>9</sup>								
			1834+60	1838+20	8	360	SH <sup>9</sup>					
#9 (NB11)	Legacy at Palm Aire, Residences at Palm Aire, Golf View Estates	180	1897+60	1938+50	22	4110	ROW <sup>8</sup>	\$2,712,600	\$2,712,600	180	373	\$7,272
<b>NOISE BARRIERS SOUTHBOUND SIDE OF TURNPIKE (<i>italics indicate existing barriers, black text indicates new proposed barriers</i>)<sup>1</sup></b>												
#10 (SB01)	Plantation Harbour	35	<i>1358+70</i>	<i>1381+50</i>	<i>18</i>	<i>2300</i>	<i>ROW<sup>6</sup></i>	\$1,684,200	\$0	34	41	\$41,078
			<i>1343+20</i>	<i>1361+40</i>	<i>8</i>	<i>1820</i>	<i>SH<sup>9</sup></i>					
#11 (SB02)	Plantation Park	106	<i>1395+20</i>	<i>1407+00</i>	<i>16</i>	<i>1180</i>	<i>ROW<sup>6</sup></i>	\$2,602,200	\$246,600	86	158	\$16,401
			1406+00	1432+20	14	2630	SH <sup>9</sup>					
			<i>1430+00</i>	<i>1443+50</i>	<i>16</i>	<i>1260</i>	<i>ROW<sup>6</sup></i>					
			1442+00	1446+50	14	450	SH <sup>9</sup>					
			1446+50	1448+90	8	210	SH <sup>9</sup>					
#12 (SB03)	Plantation Gardens	73	1448+90	1501+00	14	5220 <sup>6</sup>	SH <sup>9</sup>	\$2,192,400	\$2,192,400	71	123	\$17,824
#13 (SB04 & SB05)	Woodstock Lodge Condos, Sunshine Villas, Tree Garden Condos, Windermere, Riviera Hills Apartments, Royal Oaks, and Stonebridge Gardens	878	1516+00	1527+30	20	1830	ROW <sup>8</sup>	\$6,327,600	\$1,844,000	748	1416	\$4,469
			1555+50	1567+00	20	1150	ROW <sup>8</sup>					
			<i>1527+30</i>	<i>1554+10</i>	<i>20</i>	<i>2670</i>	<i>ROW<sup>6,10</sup></i>					
			<i>1504+00</i>	<i>1515+80</i>	<i>20</i>	<i>1180</i>	<i>ROW<sup>6</sup></i>					
			<i>1567+00</i>	<i>1606+40</i>	<i>18</i>	<i>3940</i>	<i>ROW<sup>6</sup></i>					
			1553+00	1556+90	8	390	SH <sup>9</sup>					
#14 (SB07)	Woodlands, Mainlands Park (portion west of Turnpike/South of Commercial Blvd.)	96	1655+00	1713+30	14	5900 <sup>7</sup>	SH <sup>9</sup>	\$2,520,000	\$2,520,000	80	173	\$14,566



**Table 6-1 – Potentially Feasible and Reasonable Noise Barrier Evaluation**  
**Summary Turnpike (SR 91) Widening from 595 to Wiles - PD&E Study Report**

Noise Barrier System (CNEs included in barrier system)	Communities Potentially Benefited by Noise Barrier System	Number of Impacted Residences <sup>1</sup>	Noise Barrier Approx. Begin Station	Noise Barrier Approx. End Station	Preliminary Noise Barrier Height (ft.)	Preliminary Noise Barrier Length (ft.) <sup>7</sup>	Preliminary Noise Barrier Location	Total Noise Barrier System Cost (includes costs of existing barriers) <sup>2</sup>	New Construction Noise Barrier Cost <sup>3</sup>	Number of Residences Potentially Benefited by a Noise Barrier <sup>4</sup>		Total Noise Barrier System Cost Per Benefited Residence <sup>5</sup>
										Impacted	Total	
#15 (SB08)	Mainlands Park (portion west of Turnpike/North of Commercial Blvd.), Pompano Park Neighborhood	53	1723+00	1729+70	8	1250	SH <sup>9</sup>	\$1,521,000	\$741,000	35	40	\$38,025
			1729+70	1734+90	14	550	SH <sup>9</sup>					
			1734+20	1747+20	20	1300	ROW <sup>6</sup>					
			1745+00	1750+00	14	500	SH <sup>9</sup>					
#16 (SB08)	Avana Cypress Creek Apts.	20	1764+60	1769+00	22	440	ROW <sup>8</sup>	\$290,400	\$290,400	15	15	\$19,360
#17 (SB09)	Sanctuary Apartments	120	1770+90	1779+90	8	890	SH <sup>9</sup>	\$528,600	\$213,600	66	75	\$6,777
			1779+90	1785+00	21	500	ROW <sup>6</sup>					
#18 (SB09)	Oakland Hills	61	1794+70	1799+50	14	500	SH <sup>9</sup>	\$1,129,800	\$210,000	54	70	\$16,140
			1798+90	1820+80	14	2190	ROW <sup>6</sup>					
#19 (SB10)	Sunshine Drive	170	1895+00	1925+00	22	3000	ROW <sup>8</sup>	\$1,980,000	\$1,980,000	161	226	\$8,761
#20 (SB11)	Wynmoor Village	218	1955+70	1972+60	22	1690	ROW <sup>8</sup>	\$3,738,600	\$3,738,600	195	341	\$10,964
			1977+00	2006+00	22	2880	ROW <sup>8</sup>					
			2002+70	2008+50	14	580	SH <sup>9</sup>					
			2010+30	2015+30	14	500	SH <sup>9</sup>					
			1973+00	1982+00	8	940	SH <sup>9</sup>					
			2008+50	2010+30	8	180	SH <sup>9</sup>					

1 Impacts counts are based on setting all existing barrier to a height of zero as a part of the existing barrier methodology being used for this project.  
 2 Unit cost of \$30/ft2 for all noise barriers, cost includes both existing barrier and newly constructed noise barriers as part of the existing noise barrier methodology.  
 3 Cost for only new construction portion of noise barrier systems.  
 4 Total includes impacted/benefited residences and residences with a predicted noise level that does not approach or exceed 67 dBA but are incidentally benefited. All benefits are calculated with the barrier system in consideration being compared to a "no-barrier" condition where any existing barriers set to a height of zero as a part of the existing barrier methodology being used for this project.  
 5 Cost of noise barrier systems that include existing barrier segments uses the full preliminary noise barrier cost that includes the cost of the existing noise barriers as a part of the existing noise barrier analysis methodology being used on this project.  
 6 Barrier in RED are existing barrier that will remain in the future condition. Their costs are included in the total costs for consistency in analyzing all noise barrier systems, but they will not incur any additional costs to construct.  
 7 Full height is for length indicated. The length for any required taper in height at a shoulder noise barrier termination would be in addition to the length indicated.  
 8 ROW – Noise barrier constructed at the Right of Way  
 9 SH – Noise barrier constructed at the shoulder of the roadway.  
 10 Barrier shortened from existing barrier length to accommodate future roadway widening.

The PD&E study phase analysis indicates that noise barriers are potentially feasible and reasonable at 20 noise sensitive areas. **Table 6-1** shows the noise sensitive areas where preliminary noise barriers were determined to be potentially feasible and reasonable. The potentially feasible and reasonable noise barriers meet the FDOT's cost per benefit criteria with a preliminary cost of under the \$42,000 per benefited receptor criterion. Noise barriers at these 20 locations will be given further consideration during the Design phase of this project. The dimensions of noise walls are subject to change during the design phase of the project. Furthermore, it should be noted that as part of the conceptual PD&E assessment process, several noise wall locations appear to have engineering constraints that may render them non-constructible, or which could result in them not being cost-reasonable. While these constraints will be assessed with greater scrutiny in future design projects, an effort was made to identify those walls that may have such potential constraints in the NSR.

During the construction phase of the proposed project, short-term noise may be generated by stationery and mobile construction equipment. The construction noise will be temporary at any location and will be controlled by adherence to the most recent edition of FDOT's Standard Specifications for Road and Bridge Construction. Using the listing of sensitive sites found in FDOT's Project Development and Environment Manual, residences were identified as the only land use potentially sensitive to vibration that could occur during construction. If during final design it is determined that measures to control vibration are necessary, the project's construction provisions can be modified as needed.

To promote compatibility between land use planning and Florida's Turnpike, the distance between the edge of Florida's Turnpike outside travel lane and the point where the roadway related noise is predicted to reach the NAC for each activity category was estimated. These estimates provide the general distance at which the noise approaches or exceeds the

NAC for each activity type.

A virtual public hearing was held online for the project on September 20, 2023, and an in-person hearing was held on September 21, 2023. Noise concerns were mentioned by numerous participants, especially in the Wynmoor and Sunshine Drive communities, and the analyses performed in this study have looked at noise barrier concepts that exceed standard wall height limits to address these extensive concerns. In addition, an analysis of Junior Achievement of Broward County was added to this noise study report to address concerns about outdoor class activities conducted on the property.

### **Statement of Likelihood**

FTE is committed to the construction of feasible and reasonable noise abatement measures. 20 potentially feasible and reasonable noise barrier systems have been identified for this project (see **Table 6-1** for more detail on the noise barriers) contingent upon the following conditions:

- Final recommendations on the construction of abatement measures are determined during the project's final design and through the public involvement process;
- Detailed noise analyses during the final design process support the need, feasibility and reasonableness of providing abatement;
- Cost analysis indicates that the cost of the noise barrier(s) will not exceed the cost reasonable criterion;
- Community input supporting types, heights, and locations of the noise barrier(s) is provided to FTE ; and
- Safety and engineering aspects have been reviewed and any conflicts or issues resolved.

A land use review will be performed during the design phase to identify all noise sensitive sites that may have received a building permit subsequent to the noise study but prior to the project's Date of Public Knowledge. The date that the State Environmental Impact Report is approved by FTE will be the Date of Public Knowledge. If the review identifies noise sensitive sites that have been permitted prior to the Date of Public Knowledge, then those sensitive sites will be evaluated for traffic noise impacts and abatement considerations.

With the provision of noise abatement as recommended above, this project is anticipated to have no significant effect on highway traffic noise.

## **6.2 Air Quality**

This project is not expected to create adverse impacts on air quality because the project area is in attainment for all National Ambient Air Quality Standards (NAAQS) and because the project is expected to improve the Level of Service (LOS) and reduce delay and congestion on all facilities within the study area.

Construction activities may cause short-term air quality impacts in the form of dust from earthwork and unpaved roads. These impacts will be minimized by adherence to applicable state regulations and to applicable FDOT Standard Specifications for Road and Bridge Construction.

As outlined in the Air Quality Technical Memorandum (AQTM), the highest project-related CO one- and eight-hour levels are not predicted to meet or exceed the one- or eight-hour National Ambient Air Quality Standards for this pollutant with either the Build or No Build Alternatives. As such, the project "passes" the screening model.

The project is located in an area which is designated in attainment for CO Ambient Air Quality Standards under the criteria provided in the Clean Air Act. Therefore, the Clean Air Act conformity requirements as related to transportation improvements do not apply to the project.

Construction activities will cause short-term air quality impacts in the form of dust from earthwork and unpaved roads. These impacts will be minimized by adherence to all applicable State and local regulations and to the FDOT Standard Specifications for Road and Bridge Construction.

Please see the AQTM located in the project file for additional information. This project is anticipated to have no significant effect on air quality.

## 6.3 Contamination

A Contamination Screening Evaluation Report (CSER) has been prepared for this project in accordance with Part 2, Chapter 20 "Contamination" of the FDOT PD&E Manual, revised July 1, 2020. The objective of this contamination screening was to identify and evaluate contamination sources that can potentially impact the proposed project schedule and costs.

The evaluation included reviewing environmental databases and aerial photographs, performing a visual reconnaissance of the project corridor and surrounding area, obtaining pertinent environmental records from state and local agencies, and assigning potential contamination ratings for each source within and adjacent to the project corridor. Through this process, 206 potential contamination sources were identified within search distances (contamination screening buffers) recommended in FDOT's PD&E Manual, Chapter 20. In general, the environmental databases indicated these sources were associated with hazardous waste generators, former or current petroleum/spill sites containing UST and/or AST systems and known or former cleaning/dry cleaning facilities.

As shown in **Table 6-2**, evaluation of each site's history and characteristics identified 3 - High, 20 - Medium, 78 - Low, and 105 - No contamination risk rated sources associated with hazardous waste or petroleum impacts as shown on the attached Potential Contamination Site Map. Based on these risk ratings, construction activities may encounter soil or groundwater contamination which can potentially impact worker health, the environment, and construction schedule and costs if these sites are not addressed during the design phase. Furthermore, certain construction activities, such as dewatering, can exacerbate existing groundwater contamination plumes, if not controlled.

Summary of Potential Contamination Source Risk Ratings	
Risk Rating	Number of Sites
High	3
Medium	20
Low	78
No	105
<b>Total</b>	<b>206</b>

**Table 6-2: Summary of Potential Contamination Source Risk Ratings**

All High and Medium risk rated sites identified in this CSER will be re-evaluated for their potential to impact the project during the design / right-of-way (ROW) acquisition phases as applicable, to determine if a Level II Contamination Assessment is warranted. Level II Contamination Assessment activities will be completed within the project limits for those sites determined to have potential to impact construction / ROW acquisition. Upon completion of the Level II Contamination Assessments, appropriate environmental actions may be considered. If applicable, environmental notes and specifications may be included in the construction documents. Construction activities near Low and No risk sites generally have no concerns for encountering contamination; therefore, a Level II Contamination Assessment is not warranted.

Please see the CSER located in the project file for additional information. This project is anticipated to have no significant effect on contamination.

## 6.4 Utilities and Railroads

The existing utility facilities within the study area were identified throughout the project corridor as part of this PD&E Study. A list of the existing Utility Agencies Owners (UAOs) along the project corridor was obtained through field review and further verified by contacting Sunshine 811. All the UAOs identified in the field were also noted on the Sunshine 811 list.

The Florida Gas Transmission (FGT) is a major utility within existing state right-of-way which constrains the project's alternatives. From I-595 to Atlantic Boulevard, there is an existing 36-inch gas line located on the east side of the Florida's Turnpike near the right-of-way line with a 33-foot specified width near the eastern right-of-way line. From Atlantic Boulevard to Wiles Road, there are two gas lines (18-inch and 24-inch) existing along the east side of the Florida's Turnpike further away from the right-of-way line. The specified width for segment 2 is 60-foot which spans the northbound paved shoulder. Widening the Turnpike, within the specified width, would require the need to relocate the gas lines to the nearest practical location outside of the FDOT's right-of-way. Therefore, the project was designed to minimize the need to relocate FGT pipelines.

Existing utility facilities include power, gas, water, wastewater, reuse, and communications. The existing UAOs, the identified UAO contacts, and facility type are summarized in the table below.

Additional information on the coordination with the UAO within the project area is documented in the Utility Assessment Report found in the project file.

Utility Agency Owner	Facilities	Contact Person	Email
American Traffic Solutions (Verra)	Communication, Electric	Santiago Martinez	santiago.martinez@verramobility.com
AT&T Corp. c/o PEA, Inc	Communication	Kenny Wagner	swagner@pea-inc.net
AT&T Florida (Distribution)	Communication	Larry Sixto	ls7319@att.com
Atlantic Broadband (FiberLight)	Communication	Javares Hall	jhall@atlanticbb.com
Broward County Utilities	Water & Sewer	George Lopez	galopez@broward.org
CenturyLink (Lumen)	Communication	Zeke Reid	<a href="mailto:ezekiel.reid@lumen.com">ezekiel.reid@lumen.com</a>
City of Coconut Creek	Water & Sewer	Eileen Cabrera	ecabrera@coconutcreek.net
City of Deerfield Beach	Water & Sewer	Priscilla Cygielnik	<a href="mailto:pcygielnik@deerfield-beach.com">pcygielnik@deerfield-beach.com</a>
City of Fort Lauderdale	Water & Sewer	Scott Teschky	steschky@fortlauderdale.gov
City of Lauderhill	Water & Sewer	Joan Fletcher	jfletcher@lauderhill-fl.gov
City of Margate	Water & Sewer	Curt Keyser	ckeyser@margatefl.com
City of North Lauderdale	Water & Sewer	Neil Buckeridge	<a href="mailto:nbuckeridge@nlauderdale.org">nbuckeridge@nlauderdale.org</a>
City of Plantation	Water & Sewer	Danny Polio	<a href="mailto:dpollo@plantation.org">dpollo@plantation.org</a>
City of Pompano Beach	Water & Sewer	Tracy Wynn	tracy.wynn@copbfl.com
City of Sunrise - Gas	Gas	Kelly Kinnett	<a href="mailto:kkinnett@sunrisefl.gov">kkinnett@sunrisefl.gov</a>
City of Sunrise - Water/Wastewater	Water & Sewer	Kathy Crisci	<a href="mailto:kcrisci@sunrisefl.gov">kcrisci@sunrisefl.gov</a>
City of Tamarac - Fiber	Communication	Ray Gagnon	rayg@tamarac.org
City of Tamarac Utilities	Water & Sewer	Mustafa Albassam	mustafa.albassam@tamarac.org
Comcast	Communication	Richard Sees	<a href="mailto:richard.sees@comcast.com">richard.sees@comcast.com</a>
Crown Castle	Communication	Danny Haskett	danny.haskett@crowncastle.com
Direct Plus, LLC.	Communication	Chris Campos	<a href="mailto:chris.campos@mastec.com">chris.campos@mastec.com</a>
Ferncrest Utilities	Water & Sewer	Stanley Mazurkiewicz	<a href="mailto:smazurkiewicz@thiscd.org">smazurkiewicz@thiscd.org</a>
Florida Gas Transmission	Gas Pipeline	Joseph Sanchez	joseph.e.sanchez@energytransfer.com
FPL Distribution	Electric / Power	Byron Sample	byron.a.sample@fpl.com
FPL Transmission	Electric / Power	James Joseph	<a href="mailto:james.joseph@fpl.com">james.joseph@fpl.com</a>
FPL Fiber	Communication	Julian Salcedo	<a href="mailto:julian.salcedo@fpl.com">julian.salcedo@fpl.com</a>
Hotwire Communications	Communication	Walter Sancho-Davila	walter.sancho-davila@hotwirecommunication.com
I-595 Express	Communication, Electric	Diana Maldonado	dmaldonado@i595express.com
TECO People's Gas	Gas	Max Chamorro	mjchamorro@tecoenergy.com
Town of Davie Utilities	Water & Sewer	William Peele	<a href="mailto:bill_peekle@davie-fl.gov">bill_peekle@davie-fl.gov</a>
Verizon / MCI	Communication	John Hanson	<a href="mailto:john.r.hanson1@verizon.com">john.r.hanson1@verizon.com</a>

There are currently no railroad crossings within or adjacent to the project study limits. This project is anticipated to have no involvement with railroads and no significant impacts to utilities.

## 6.5 Construction

Construction activities may cause short-term air quality impacts in the form of dust from earthwork and unpaved roads. These impacts will be minimized by adherence to applicable state regulations and to applicable FDOT Standard Specifications for Road and Bridge Construction. Construction activities will be controlled in accordance with the latest edition of the FDOT's Standard Specifications for Road and Bridge Construction and through the use of Best Management Practices (BMPs).

Construction noise and vibration impacts to the project corridor will be minimized by adherence to the controls listed in the latest edition of the FDOT's Standard Specifications for Road and Bridge Construction. According to Section 335.02 of the Florida Statutes, the FDOT is exempt from compliance with local ordinances. However, it is the FDOT's policy to follow the requirements of local ordinances to the extent that is considered reasonable. Also, the contractor will be instructed to coordinate with the project engineer and the Department Noise Specialist should unanticipated noise or vibration issues arise during project construction.

Water quality effects resulting from erosion and sedimentation will be controlled in accordance with the FDOT's latest edition of Standard Specifications for Road and Bridge Construction and through the use of BMPs. This project is anticipated to have no significant effects from construction activities.

## 6.6 Bicycles and Pedestrians

The Florida's Turnpike is a limited access facility which only allows vehicular traffic along the corridor. Per Florida Statutes section 316.091, pedestrian and bicycle traffic are prohibited along Florida's Turnpike, therefore, bicycle facilities are not present along the project corridor.

Within the project limits, bicycle and pedestrian facilities are found on streets crossing Florida's Turnpike. None of the bicycle or pedestrian facilities on cross-streets without an interchange are expected to be affected. Bicycle and pedestrian facilities at interchange locations within the project limits including Sample Road, Atlantic Boulevard, Commercial Boulevard, Sunrise Boulevard, and I-595, will be preserved, and the existing bicycle lane along Sunrise Boulevard will be widened from four feet to seven feet as part of the proposed improvements. The new interchanges proposed at Oakland Park Boulevard and Cypress Creek Road will include bicycle and pedestrian facilities crossing Florida's Turnpike Mainline. This project is anticipated to have no significant effect on bicycle and pedestrian facilities.

## 6.7 Navigation

The project limits include the North Fork of the North New River Canal, located directly north of the Turnpike / I-595 Interchange (Exit 54). In accordance with 33 CFR 2.36, the North Fork of the North New River Canal is the only navigable waterway within the project limits. The preferred alternative uses a practical design approach to accommodate the additional auxiliary lane by reducing lane and shoulder widths. Lane widths and shoulder widths would not meet Florida Design Manual (FDM) standards and would require design exceptions to be approved by the FDOT State Roadway Design Engineer.

The preferred alternative does not include structural modifications to the crossing of the G-15 Canal (North Fork of the North New River Canal). This project is anticipated to have no significant effect on navigation.

## 7. Permits

The following environmental permits are anticipated for this project:

### Federal Permit(s)

USACE Section 10 or Section 404 Permit  
 USACE Section 408 Permit

### Status

To be acquired  
 To be acquired

### State Permit(s)

DEP or WMD Environmental Resource Permit (ERP)  
 DEP National Pollutant Discharge Elimination System Permit  
 FWC Gopher Tortoise Relocation Permit  
 WMD Right of Way Permit  
 State 404 Permit

### Status

To be acquired  
 To be acquired  
 To be acquired  
 To be acquired  
 To be acquired

### Other Permit(s)

FWC Gopher Tortoise Relocation Permit  
 FWC Burrowing Owl Incidental Take Permit

### Status

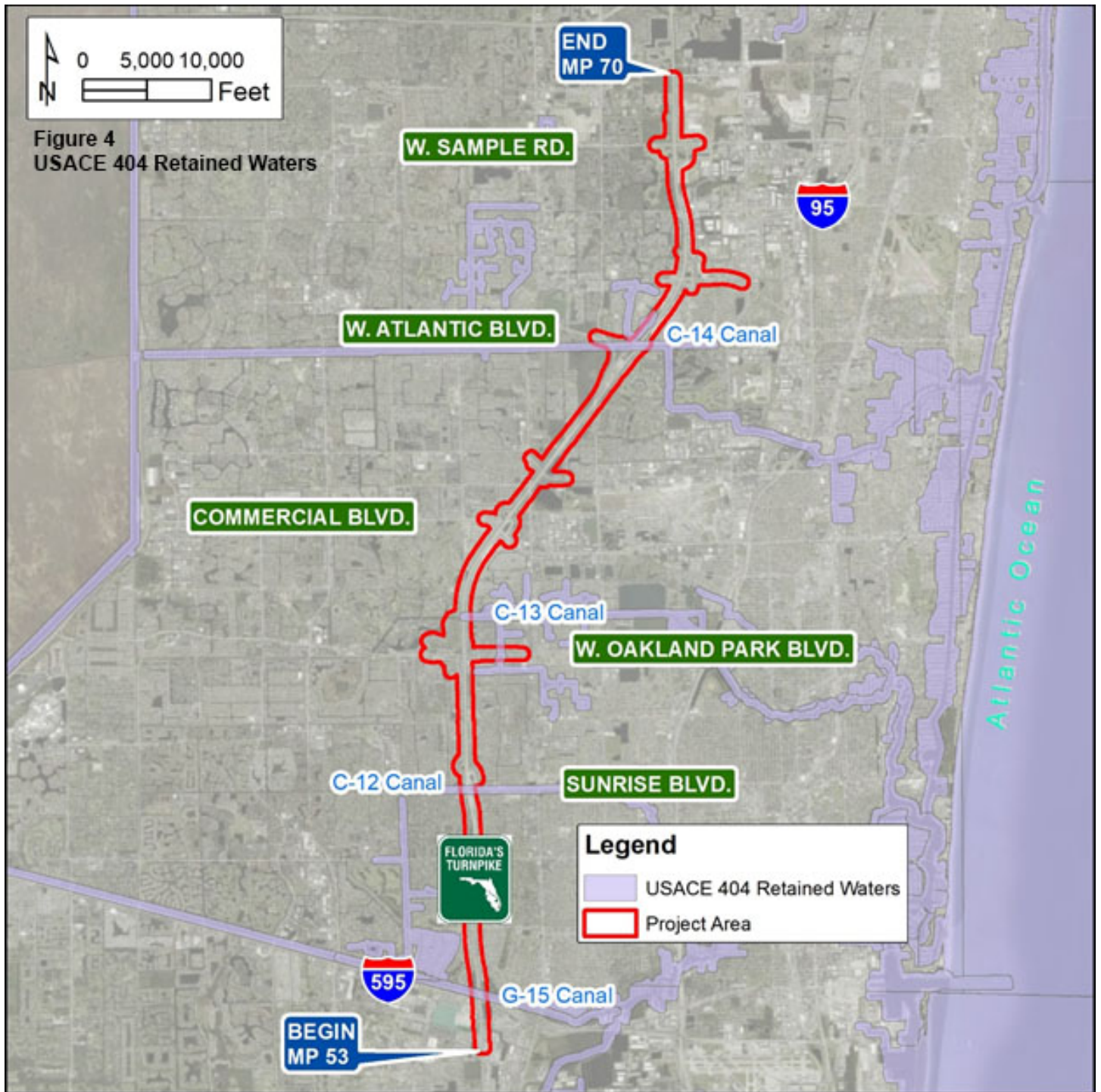
To be acquired  
 To be acquired

### Permits Comments

The Florida Department of Environmental Protection (FDEP), U.S. Army Corps of Engineers (USACE) and the South Florida Water Management District (SFWMD) regulate impacts to wetlands within the study area. The State 404 Program, administered by FDEP, is responsible for overseeing permitting for any project proposing dredge or fill activities within state assumed waters, or "non-retained waters". The State 404 Program is a separate program from the existing ERP program, and projects within state-assumed waters require both an ERP and a State 404 Program authorization.

In summary, the retained waters shown on **Figure 4** are the G-15 Canal (North Fork of the North New River), the C-12 Canal, the C-13 Canal and the C-14 Canal. Other agencies, including the USFWS, the U.S. Environmental Protection Agency (EPA), and the FWC, review and comment on wetland permit authorizations.





The project area also spans several federally authorized projects, such as the G-15 Canal, the C-12 Canal, the C-13 Canal and the C-14 Canal. Section 408 is the process that allows alteration to a federally authorized project. The proposed project cannot pose a risk to the public interest and will not impair the usefulness of the federally authorized project. This requirement was established in Section 14 of the Rivers and Harbors Act of 1899, codified at 33 United States Code (USC) 408 (Section 408). A Section 408 authorization is anticipated for each crossing of a federally authorized project.

The federally authorized projects are managed by the SFWMD. As outlined by chapters 373, F.S., and 40E-6, F.A.C., a SFWMD Right of Way Occupancy Permit will be required for any use of lands managed by SFWMD.

**Attachment 5** includes minutes of interagency permitting meetings.

An FWC gopher tortoise relocation permit and a burrowing owl incidental take permit may be required if these species are documented during project surveys.

## **8. Engineering Analysis Support**

The engineering analysis supporting this environmental document is contained within the Final Preliminary Engineering Report.

## 9. Commitments Summary

To minimize the impacts of this project to the social, cultural, natural and physical environment, Florida Department of Transportation (FDOT) has identified the following commitments:

1. To ensure compliance with Broward County Ordinance Section 8.13, the Enterprise will continue to coordinate with Broward County Parks and Recreation regarding a land swap at Tradewinds Park.
2. The Enterprise will complete a wood stork suitable foraging habitat assessment during the project's Design phase to ensure that the proper amount of mitigation is procured for impacts to suitable wood stork foraging habitat in accordance with the wood stork consultation key.
3. The project will implement the USFWS-approved Standard Protection Measures for the Eastern Indigo Snake (most updated version) during the proposed roadway improvements.
4. The Enterprise will reinitiate technical assistance with the USFWS during the project's design phase regarding the Florida bonneted bat.
5. The Enterprise is committed to the construction of feasible and reasonable noise abatement measures at locations identified in the Noise Study Report, contingent upon the following conditions during future Design phases:
  - Final recommendations on the construction of abatement measures is determined during the project's final design phase and through the public involvement process;
  - Detailed noise analyses during the final design process support the need, feasibility, and reasonableness of providing abatement;
  - Cost analysis indicates that the cost of the noise barrier(s) will not exceed the cost reasonable criterion;
  - Community input supporting types, heights, and locations of the noise barrier(s) is provided to the FTE; and
  - Safety and engineering aspects as related to the roadway user and the adjacent property owner have been reviewed and any conflicts or issues resolved.
6. The Enterprise will continue to coordinate with the City of Lauderdale and Inverrary Association regarding placement of a visual barrier at the new Oakland Park Boulevard interchange.
7. The Enterprise will continue to coordinate with Broward College regarding placement of a barrier on the new southbound on-ramp from Coconut Creek Parkway.
8. The Enterprise will construct an interim eight-lane widening project on the Florida's Turnpike Mainline between Atlantic Boulevard and Copans Road. The Enterprise will initiate construction of a ten-lane widening when any segment between Atlantic Boulevard and Copans Road exceeds Level of Service D.

## 10. Approved for Public Availability

Henry Pinzon

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Environmental or Project Development Manager

Date: August 20, 2023



Electronically signed within SWEPT  
on August 20, 2023 1:55:02 PM EDT  
(electronic signature on file)

## 11. Public Involvement

The following is a summary of public involvement activities conducted for this project:

### Summary of Activities Other than the Public Hearing

Agency coordination has occurred throughout the Project Development & Environment (PD&E) phase of the project and will continue as the project moves forward into subsequent design and construction phases. Agencies consisted of Broward County, Broward Metropolitan Planning Organization (MPO) and Municipalities such as City of Coconut Creek, Town of Davie, City of Deerfield Beach, City of Fort Lauderdale, City of Lauderdale, City of Lauderdale Lakes, City of Lauderhill, City of Margate, City of North Lauderdale, City of Plantation, City of Pompano Beach, and City of Tamarac. Also, project representatives coordinated with Elected Officials in Broward County, City of Coconut Creek and the State Representative in District 96. The project was presented at Commissioner Workshops for the City of Lauderhill and the City of Tamarac.

The following table includes a list of coordination meetings.

Agency	Meeting Type	Dates
Broward County	Appointed Officials/ City Staff	8/14/19; 10/24/19; 2/21/20; 11/2/21; 11/4/22
Broward County	Elected Official	Commissioner Mark Bogen, District 2 (1/27/22)
Broward County	Elected Official	Commissioner Steve Geller, District 5 (1/27/22)
Broward County	Elected Official	Vice Mayor Lamar Fisher, District 4 (2/1/22)
Broward County	Elected Official	Commissioner Torey Alston, District 9 (2/2/22)
Broward County	Elected Official	Mayor Michael Udine, District 3 (2/2/22)
Broward County	Elected Official	Commissioner Beam Furr, District 6 (2/9/22)
Broward County	Elected Official	Commissioner Jared Moskowitz, District 8 (2/9/22)
Broward County	Complete Streets	10/18/2023
Broward County	Parks Department	Sawgrass Expansion (12/7/22); Tradewinds Meeting (1/9/23)
Broward County	Highway	1/19/2023
Broward MPO	Board Meetings	8/13/19; 11/14/19; 9/8/20; 11/2/21; 2/10/22
Broward MPO	CAC & TAC Meetings	10/23/19; 1/26/22
Broward MPO	FTAC Meetings	1/27/2022
Broward MPO	Staff	11/7/2022
City of Coconut Creek	Appointed Officials/ City Staff	7/15/19; 11/13/21; 11/8/22
City of Coconut Creek	Elected Official	Mayor Becky Tooley, District A (1/4/22)
City of Coconut Creek	Elected Official	Vice Mayor Josh Rydell, District E (1/4/22)
City of Coconut Creek	Elected Official	Commissioner Jackie Railey, District B (1/4/22)
City of Coconut Creek	Elected Official	Commissioner Sandy Welch, District C (1/4/22)
City of Coconut Creek	Elected Official	Commissioner Lou Sarbone, District D (1/4/22)
Town of Davie	Appointed Officials/ City Staff	7/16/19; 11/2/21; 12/16/22; 9/7/23
City of Deerfield Beach	Appointed Officials/ City Staff	7/16/2019
City of Fort Lauderdale	Appointed Officials/ City Staff	8/14/19; 11/3/21; 11/29/22; 8/30/23
City of Lauderdale Lakes	Appointed Officials/ City Staff	7/18/19; 11/1/21; 11/8/22
City of Lauderdale Lakes	Commissioner Meetings & Workshops	3/21/22; 9/11/23
City of Lauderhill	Appointed Officials/ City Staff	8/13/19; 11/1/21; 12/15/22; 8/30/23
City of Lauderhill	Commissioner Meetings & Workshops	5/17/2021
City of Margate	Appointed Officials/ City Staff	7/17/2019
City of North Lauderdale	Appointed Officials/ City Staff	7/17/19; 11/16/21; 11/8/22; 8/31/23
City of Plantation	Appointed Officials/ City Staff	7/18/19; 11/3/21; 11/7/22; 10/6/23
City of Pompano Beach	Appointed Officials/ City Staff	8/13/19; 11/3/21; 6/8/22; 10/12/22; 11/17/22; 8/31/23

City of Pompano Beach	Commissioner Meetings & Workshops	Commission (9/13/22); Planning & Zoning (10/12/22)
City of Tamarac	Appointed Officials/ City Staff	7/16/19; 11/1/21; 2/16/22; 11/16/22; 8/30/23
City of Tamarac	Commissioner Meetings & Workshops	3/21/22; 10/9/23
District Four Interchange Review Coordination (DIRC) Meetings	DIRC Meetings	10/24/19; 7/22/21; 9/23/21; 10/27/22
Environmental Look Around Meeting	Agency Meeting	11/9/21; 11/16/21; 5/3/22; 6/6/22
FDOT District Four Coordination Meetings	FDOT D4 Meetings	8/24/20; 11/19/21; Segmentation #1 (4/27/21); Segmentation #2 (10/13/22); Coordination (11/17/23)
Kristin Jacobs, State Representative, District 96	State Representative	1/30/2020
Christine Hunschofsky, State Representative, District 96	State Representative	1/17/2022
Interagency Meetings	USFWS	Pre-Meeting (2/7/23); 2/9/23
Old Plantation Water Control District	Stormwater Stakeholders	12/10/21; Environmental Look Around Follow Up Meeting (2/1/22)
South Florida Water Management District	Agency Meeting	5/20/21; 4/26/23
United States Fish & Wildlife Service	Agency Meeting	2/9/2023

A history of public outreach events is included in the table below:

Public Outreach Events

Meeting	Meeting Type	Date & Time	Location
Public Kickoff Meeting	In-Person	11/21/19 from 5:30 PM to 7:30 PM	Junior Achievement of South Florida 1130 Coconut Creek Boulevard Coconut Creek, FL 33066
Broward College	Virtual	12/14/20 from 3:30 PM to 4:15 PM	GoToMeeting
Broward College	Virtual	2/2/21 from 11:00 AM to 11:30 AM	Microsoft Teams Meeting
Inverrary Association & Law Offices of Elaine Gatsos	In-Person	10/5/21 from 1:30 PM to 3:00 PM	The Hills of Inverrary on Lime Hill Road off of Inverrary Blvd.
Florida Medical Center	In-Person	10/5/21 from 3:30 PM to 4:30 PM	Florida Medical Center Board Room 5000 W. Oakland Park Blvd. Fort Lauderdale, FL 33313
Inverrary Association Project Briefing	In-Person	11/8/22 from 11:30 AM to 12:00 PM	Inverrary Association Building 3310 Inverrary Blvd. Lauderhill, FL 33419
Wynmoor Community Meeting	In-Person	11/30/21 from 2:00 PM to 4:00 PM	Wynmoor Clubhouse 1310 Avenue of the Stars Coconut Creek, FL 33066
Alternatives Public Information Meeting	Hybrid	Virtual 1/18/22 at 5:30 PM	Virtual/Online via computer, tablet or smartphone via GoToWebinar.
		In-Person 1/19/22 from 5:30 PM to 7:30 PM	Signature Grand 6900 State Road 84 Davie, FL 33317

Sunshine Drive Community Meeting	In-Person	3/16/23 from 5:30 PM to 7:30 PM	Rowe Activity Center 900 NW 43rd Avenue Coconut Creek, FL 33066
Public Hearing	Hybrid	Virtual 9/20/23 at 6:00 PM	Virtual/Online via computer, tablet or smartphone via GoToWebinar.
		In-Person 9/21/23 from 5:00 PM to 7:00 PM	Chateau Mar Golf Resort 3501 Inverrary Boulevard Fort Lauderdale, FL 33319

Meeting minutes for all meetings are available in the Comments and Coordination report in the project file. Please see the Public Involvement Plan located in the project file for additional information regarding public involvement.

**Date of Public Hearing:** 09/21/2023

**Summary of Public Hearing**

The first registration occurred on August 24, 2023, the elected and appointed officials' notification date, and continued through the virtual public hearing. A total of 21 verbal comments were received at the virtual public hearing, 39 at the in-person public hearing, and 1 was made directly to the court reporter. The opposition was mainly from Wynmoor residents and City of Coconut Creek staff and officials and was focused on the proposed improvements adjacent to Wynmoor and the Sunshine Drive neighborhood. Support was stated by Florida Medical Center representatives and City of Pompano Beach mayor and vice mayor. Florida Medical Center representatives and the City of Pompano Beach mayor and vice mayor expressed support for the proposed new Oakland Park Boulevard interchange. The City of Pompano Beach mayor and vice mayor also expressed support for the interchange modification taking place at Coconut Creek Parkway. A total of 181 written comments were submitted through the comment period that ended October 2, 2023. Written comments consist of filling out the comment form at the In-Person Public Hearing or by providing an email to the Project Manager or filling out the Project Website Contact Form. 46 individuals expressed support, 67 expressed opposition and 67 asked general project questions or for assistance understanding the project. 38 virtual participants completed the GoToWebinar exit survey. Eight participants completed the exit survey which was on the printed comment form. Not everyone responded to all the questions in either survey.



## 12. Technical Materials

The following technical materials have been prepared to support this environmental document.

Final Sociocultural Effects Evaluation Report  
Final Conceptual Stage Relocation Plan  
Final Cultural Resource Assessment Survey - Volume I  
Final Cultural Resource Assessment Survey - Volume II  
Final Natural Resource Evaluation  
Final Pond Siting Report  
Final Location Hydraulics Report  
Final Noise Study Report  
Final Contamination Screening Evaluation Report  
Final Utilities Assessment Package  
Final Air Quality Technical Memorandum  
Final Preliminary Engineering Report  
Final Public Involvement Plan

## **Attachments**

### **Project Information**

SEIR Approval Delegation Memo

### **Planning Consistency**

Attachment 1 STIP

### **Social and Economic**

Attachment 2 Existing Land Use Map

### **Cultural Resources**

Attachment 3 SHPO Signed Concurrence

### **Natural Resources**

Attachment 4 USFWS Meeting Minutes

Attachment 5 Interagency Meeting Minutes

Attachment 6 Interagency NMFS Meeting Minutes

### **Physical Resources**

Potential Contamination Sites Map

Potential Contamination Sites Table

## **Project Information Appendix**

### Contents:

SEIR Approval Delegation Memo



## Florida Department of Transportation

RON DESANTIS  
GOVERNOR

Florida's Turnpike Enterprise  
P.O. Box 613069, Ocoee, FL 34761  
407-532-3999

JARED W. PERDUE, P.E.  
SECRETARY

# MEMORANDUM

**DATE:** February 23, 2023

**TO:** Jennifer Marshall, P.E., Director, Office of Environmental Management, FDOT

**FROM:** Nicola Liquori, CPA, Executive Director, Florida's Turnpike Enterprise <sup>ds</sup> M

**CC:** Carol Scott, Planning and Environmental Management Administrator, Florida's Turnpike Enterprise  
Henry Pinzon, P.E., Environmental Management Engineer, Florida's Turnpike Enterprise

**SUBJECT:** Delegation of State Environmental Impact Report Approval

---

This memo serves as delegation authority for Carol Scott, Turnpike Planning and Environmental Management Administrator, to approve and sign State Environmental Impact Reports (SEIR) for Florida's Turnpike Enterprise.

FDOT environmental document review and approval, including the approval of SEIR documents, occurs in the FDOT Statewide Environmental Project Tracker (SWEPT) system. Ms. Scott has been granted access to SWEPT and has received the necessary training to use the system.

## **Planning Consistency Appendix**

Contents:

Attachment 1 STIP



Florida Department of

# TRANSPORTATION

[E-Updates](#) | [FL511](#) | [Site Map](#) | [Translate](#)



- [Home](#)
- [About FDOT](#)
- [Contact Us](#)
- [Maps & Data](#)
- [Offices](#)
- [Performance](#)
- [Projects](#)

Web Application

**Federal Aid Management** Sean McAuliffe - Manager

## STIP Project Detail and Summaries Online Report

**\*\* Repayment Phases are not included in the Totals \*\***

Selection Criteria	
Approved STIP	Detail
Financial Project:442212 1	Related Items Shown
As Of:7/1/2022	

TURNPIKE							
Item Number: 442212 1	Project Description: PD&E WIDEN TPK FROM I-595 TO WILES RD (8 TO 10 LNS) (MP 53-70)					*SIS*	
District: 04	County: BROWARD	Type of Work: PD&E/EMO STUDY			Project Length: 16.101MI		
		Fiscal Year					
Phase / Responsible Agency	<2023	2023	2024	2025	2026	>2026	All Years
<b>P D &amp; E / MANAGED BY FDOT</b>							
Fund Code: PKYI-TURNPIKE IMPROVEMENT	8,788,505	9,876					<b>8,798,381</b>
<b>CONSTRUCTION / MANAGED BY FDOT</b>							
Fund Code: PKYI-TURNPIKE IMPROVEMENT	13,212						<b>13,212</b>
<b>Item: 442212 1 Totals</b>	<b>8,801,717</b>	<b>9,876</b>					<b>8,811,593</b>
<b>Project Totals</b>	<b>8,801,717</b>	<b>9,876</b>					<b>8,811,593</b>
<b>Grand Total</b>	<b>8,801,717</b>	<b>9,876</b>					<b>8,811,593</b>

This site is maintained by the Office of Work Program and Budget, located at 605 Suwannee Street, MS 21, Tallahassee, Florida 32399.

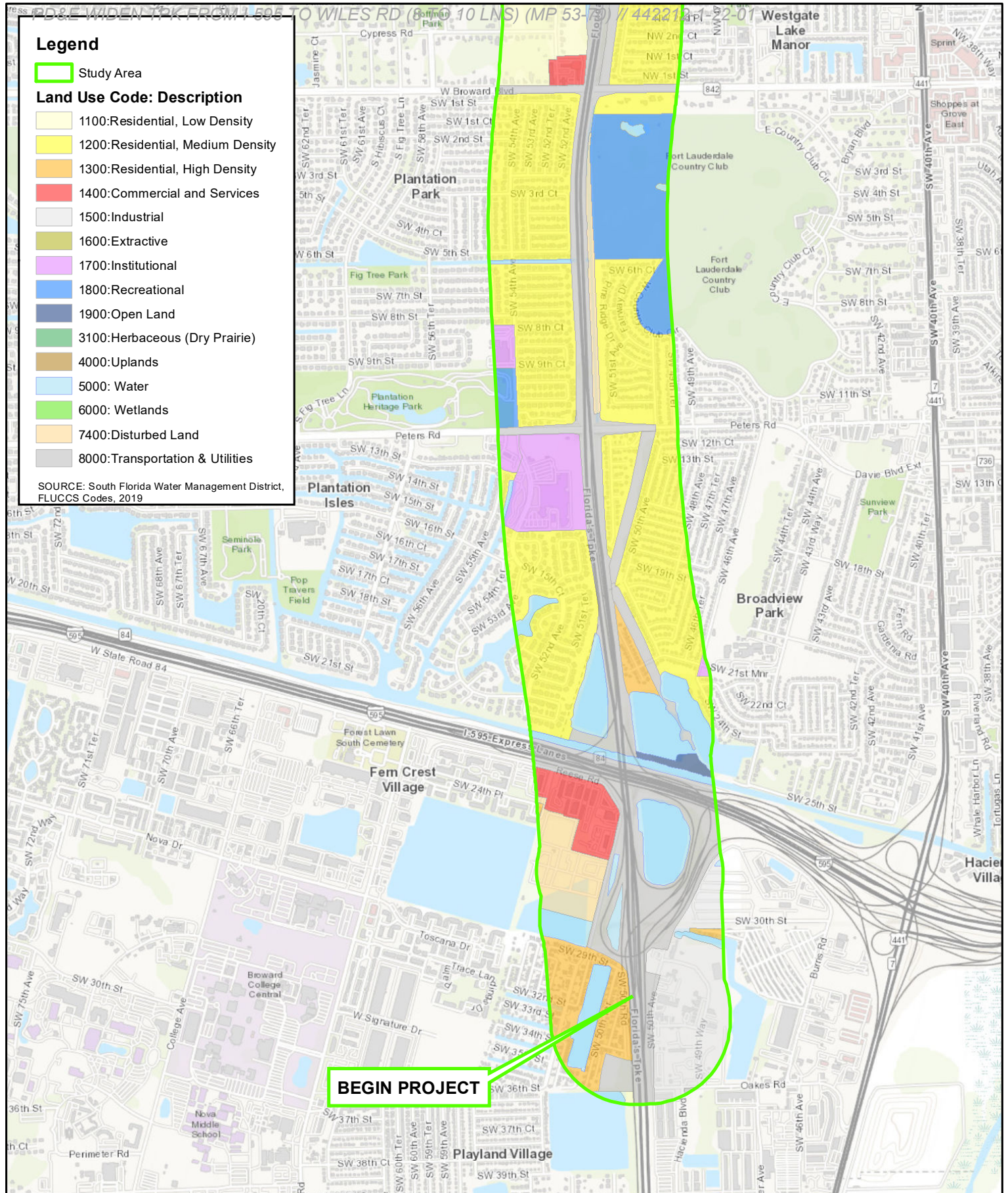
For additional information please e-mail questions or comments to:

## **Social and Economic Appendix**

### Contents:

Attachment 2 Existing Land Use Map





**Legend**

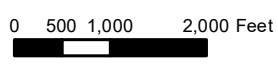
- Study Area
- Land Use Code: Description**
- 1100: Residential, Low Density
- 1200: Residential, Medium Density
- 1300: Residential, High Density
- 1400: Commercial and Services
- 1500: Industrial
- 1600: Extractive
- 1700: Institutional
- 1800: Recreational
- 1900: Open Land
- 3100: Herbaceous (Dry Prairie)
- 4000: Uplands
- 5000: Water
- 6000: Wetlands
- 7400: Disturbed Land
- 8000: Transportation & Utilities

SOURCE: South Florida Water Management District, FLUCCS Codes, 2019

**BEGIN PROJECT**



Florida's Turnpike (SR 91) Widening Project  
 Development & Environment (PD&E) Study  
 From South of I-95 to Wiles Road  
 Broward County, Florida  
 Financial Project ID Number: 442212-1-22-01  
 EFDN Number: 14350



EXISTING LAND USES  
 SHEET 1 OF 5



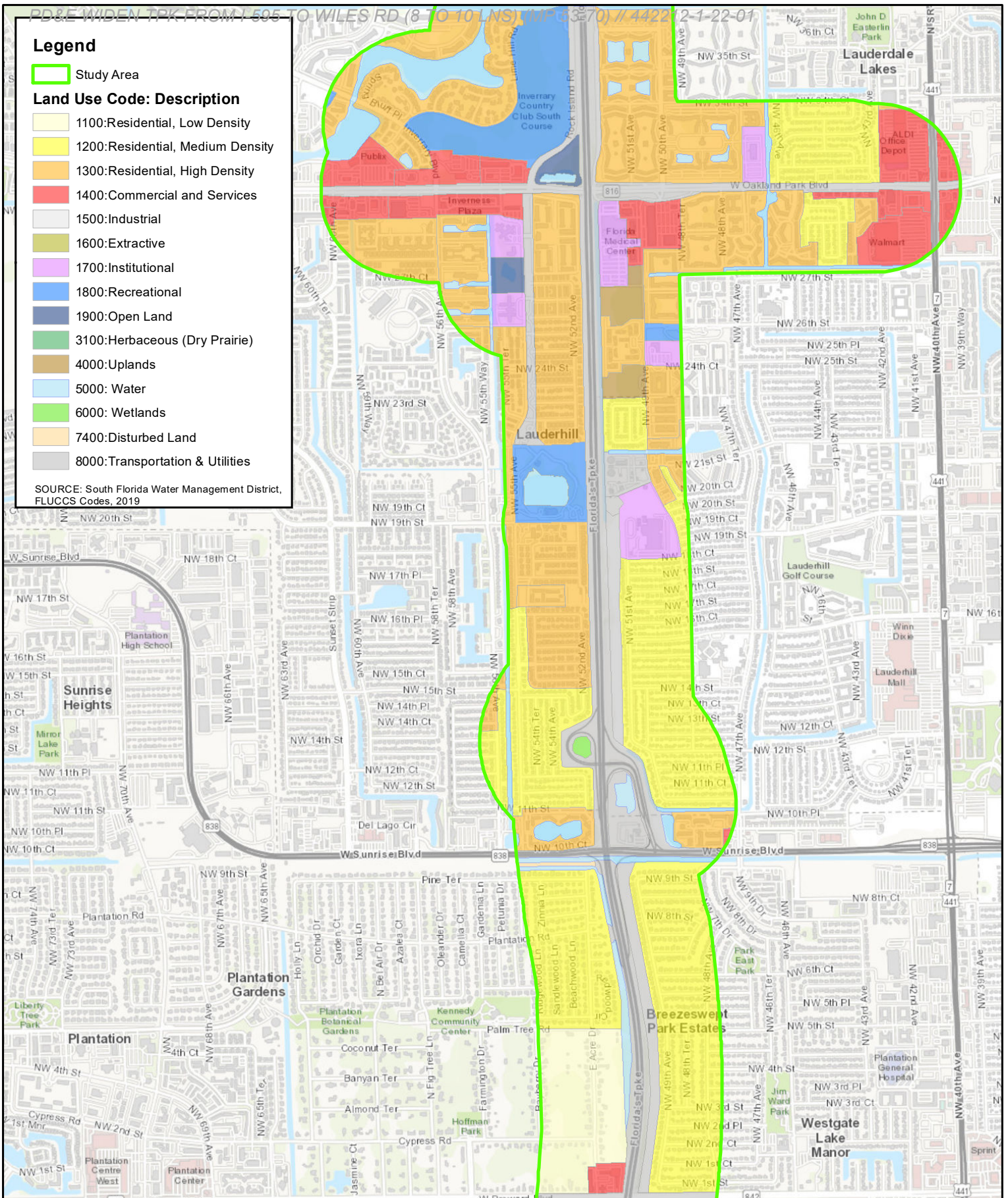
**Legend**

Study Area

**Land Use Code: Description**

- 1100: Residential, Low Density
- 1200: Residential, Medium Density
- 1300: Residential, High Density
- 1400: Commercial and Services
- 1500: Industrial
- 1600: Extractive
- 1700: Institutional
- 1800: Recreational
- 1900: Open Land
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- 5000: Water
- 6000: Wetlands
- 7400: Disturbed Land
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SOURCE: South Florida Water Management District, FLUCCS Codes, 2019



Florida's Turnpike (SR 91) Widening Project  
 Development & Environment (PD&E) Study  
 From South of I-595 to Wiles Road  
 Broward County, Florida  
 Financial Project ID Number: 442212-1-22-01

0 500 1,000 2,000 Feet



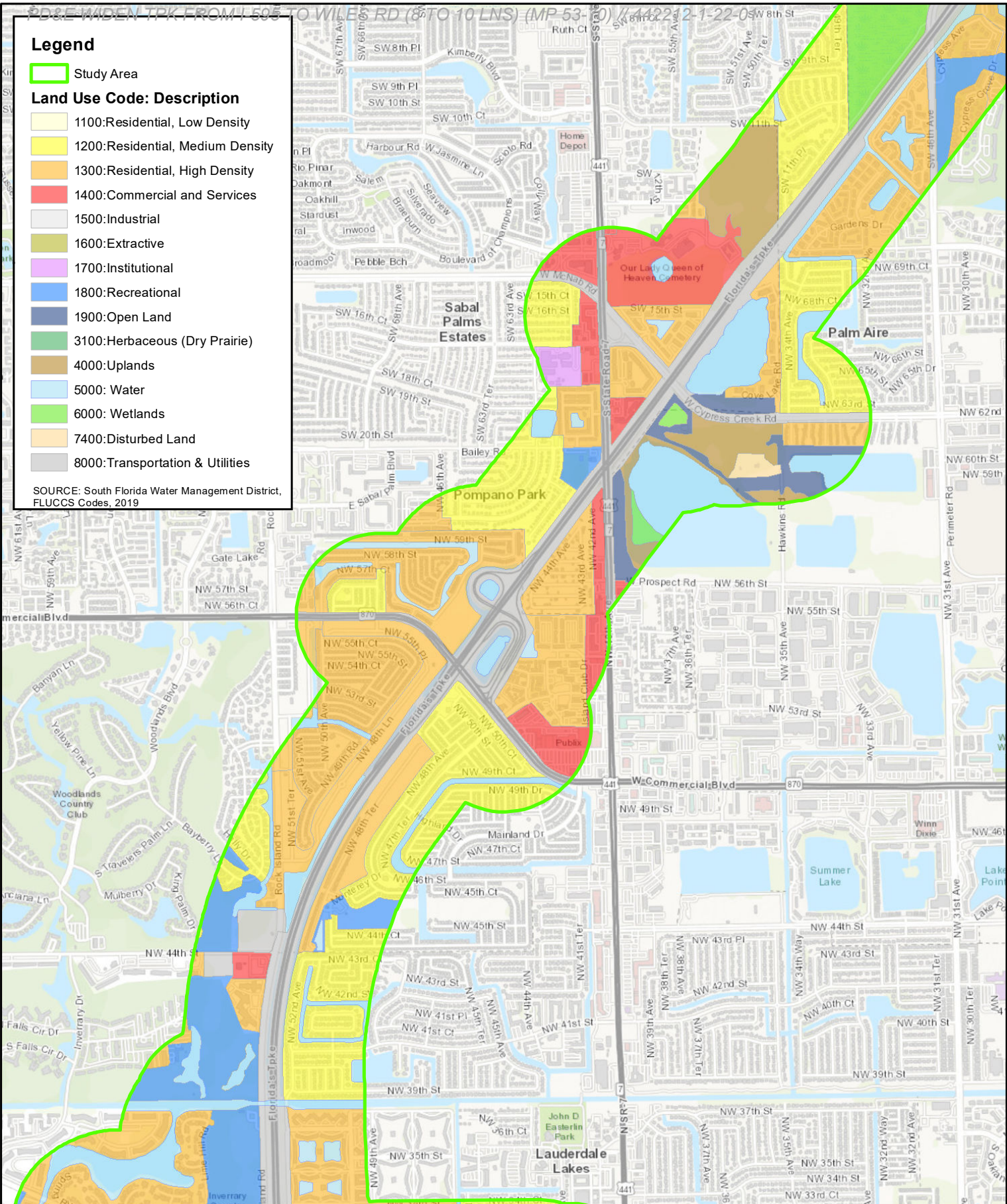
EXISTING LAND USES  
 SHEET 2 OF 5



**Legend**

- Study Area
- Land Use Code: Description**
- 1100: Residential, Low Density
- 1200: Residential, Medium Density
- 1300: Residential, High Density
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- 5000: Water
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- 7400: Disturbed Land
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SOURCE: South Florida Water Management District, FLUCCS Codes, 2019



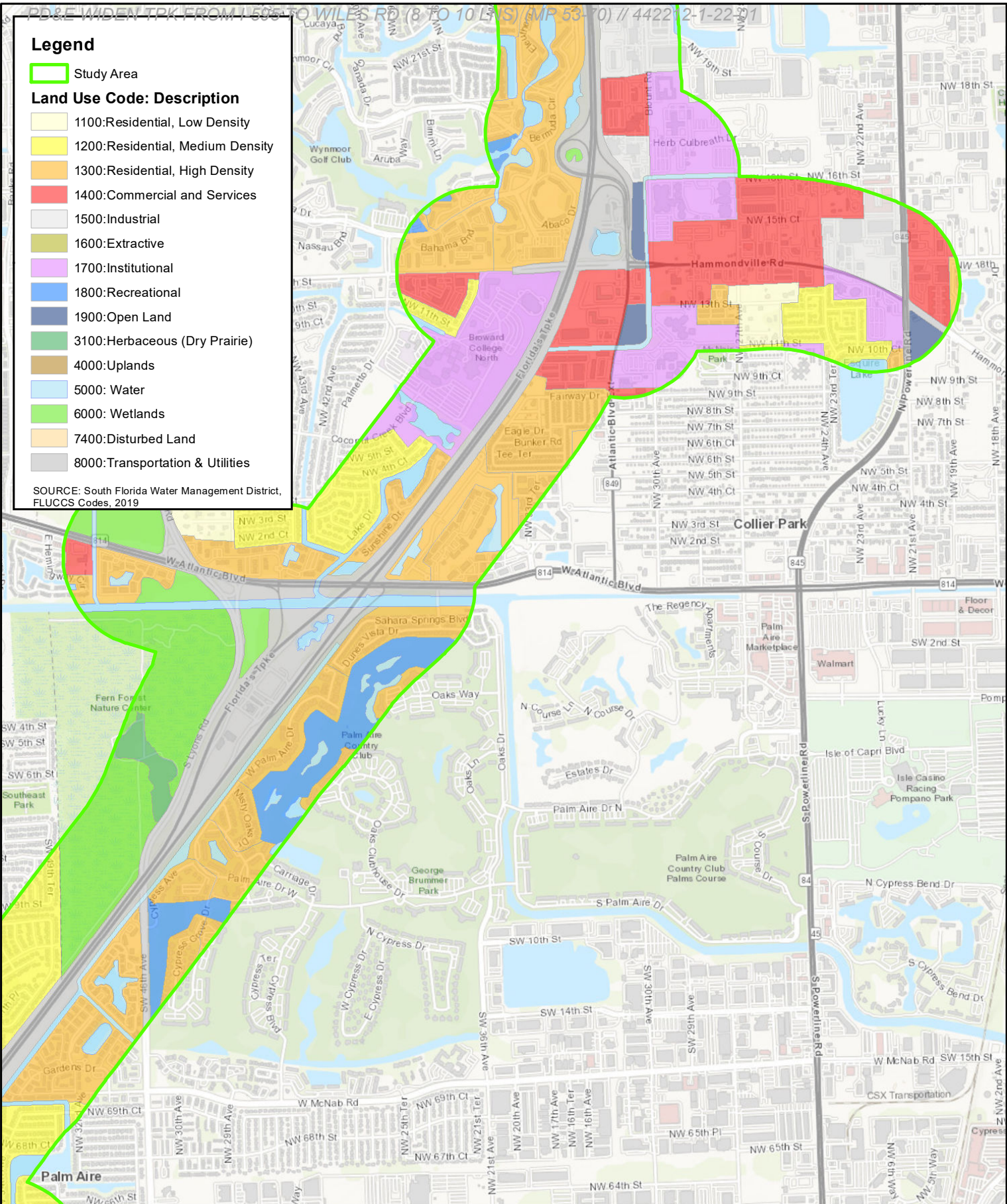
Florida's Turnpike (SR 91) Widening Project  
 Development & Environment (PD&E) Study  
 From South of I-595 to Wiles Road  
 Broward County, Florida  
 Financial Project ID Number: 442212-1-22-01  
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0 500 1,000 2,000 Feet

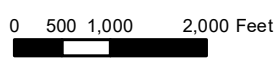


EXISTING LAND USES  
 SHEET 3 OF 5





Florida's Turnpike (SR 91) Widening Project  
 Development & Environment (PD&E) Study  
 From South of I-595 to Wiles Road  
 Broward County, Florida  
 Financial Project ID Number: 442212-1-22-01  
 EFDN Number: 14350



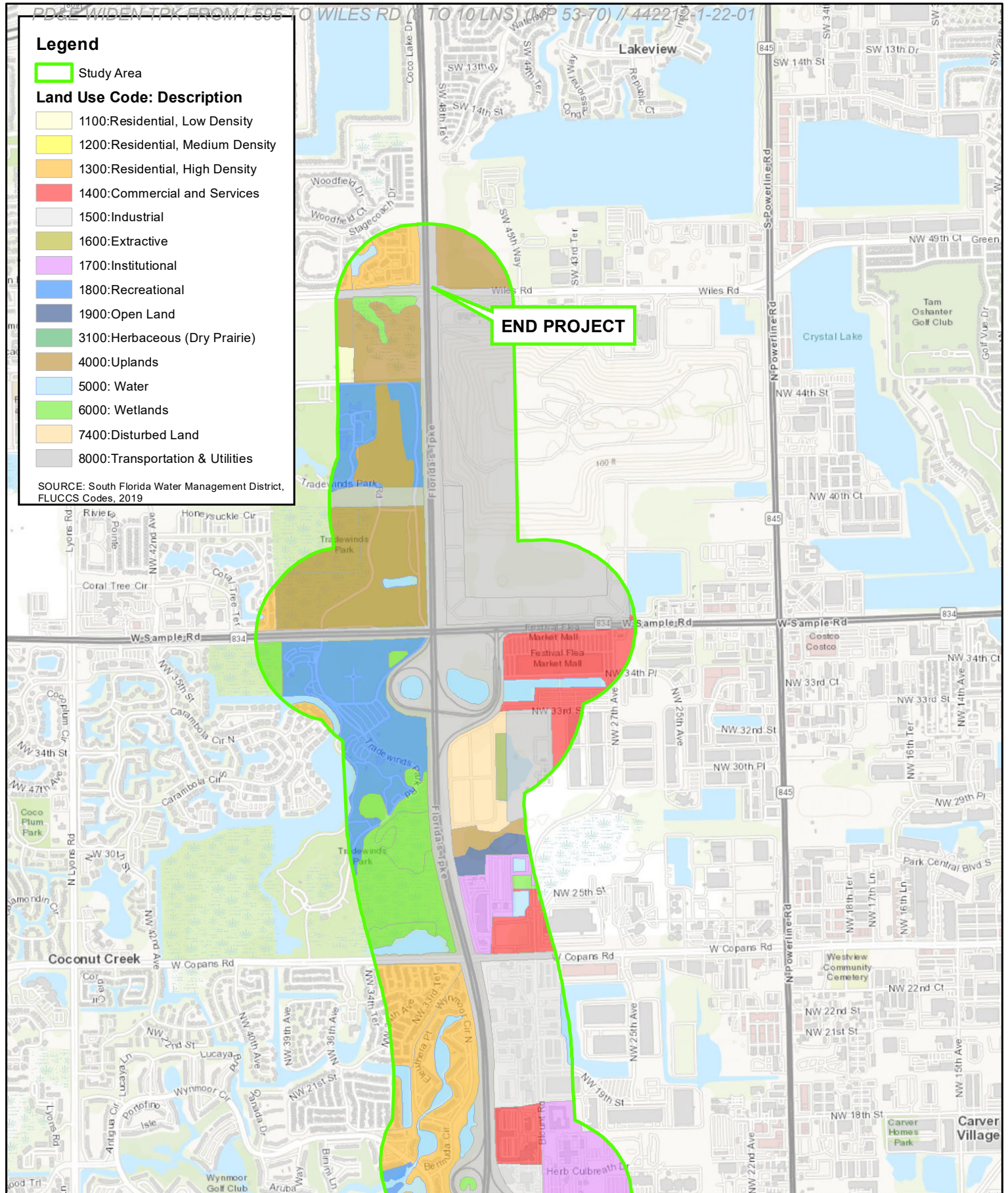
EXISTING LAND USES  
 SHEET 4 OF 5



**Legend**

- Study Area
- Land Use Code: Description**
- 1100: Residential, Low Density
- 1200: Residential, Medium Density
- 1300: Residential, High Density
- 1400: Commercial and Services
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- 1600: Extractive
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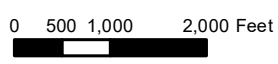
SOURCE: South Florida Water Management District, FLUCCS Codes, 2019



**END PROJECT**



Florida's Turnpike (SR 91) Widening Project  
 Development & Environment (PD&E) Study  
 From South of I-595 to Wiles Road  
 Broward County, Florida  
 Financial Project ID Number: 442212-1-22-01  
 EFDN Number: 14350



**EXISTING LAND USES  
 SHEET 5 OF 5**

## **Cultural Resources Appendix**

### **Contents:**

Attachment 3 SHPO Signed Concurrence



*Florida Department of Transportation*

RON DESANTIS  
GOVERNOR

FLORIDA'S TURNPIKE ENTERPRISE  
P.O. Box 613069, Ocoee, FL 34761

JARED W. PERDUE, P.E.  
SECRETARY

March 20, 2023

Ms. Alissa S. Lotane  
Director, Division of Historical Resources  
& State Historic Preservation Officer  
Office of Cultural and Historical Programs  
Division of Historical Resources  
500 South Bronough Street  
Tallahassee, FL 32399-0250

Attn: Transportation Compliance Review Program

RE: **Cultural Resource Assessment Survey Report, Volumes I and II**  
**Florida's Turnpike (SR 91) Widening PD&E Study**  
**From South of I-595 to Wiles Road**  
**Broward County, Florida**  
**FPID No: 442212-1-22-01**

Dear Ms. Lotane:

The Florida Department of Transportation (FDOT), Florida's Turnpike Enterprise (FTE) conducted a cultural resources assessment survey (CRAS) for the Florida's Turnpike (SR 91) Widening Project Development & Environment (PD&E) Study from south of I-595 to Wiles Road in Broward County, Florida (Financial Project ID [FPID] No. 442212-1-22-01). The purpose of this survey was to locate, identify, and bound any previously recorded or unrecorded cultural resources within the project area of potential effect (APE) and to assess these resources in terms of their eligibility for listing in the *National Register of Historic Places* (National Register) according to the criteria set forth in 36 CFR Section 60.4.

This assessment complies with the revised Chapter 267, *Florida Statutes (F.S.)*; and the standards embodied in the Florida Division of Historical Resources (FDHR's) *Cultural Resource Management Standards and Operational Manual* (February 2003), and Chapter 1A-46 (*Archaeological and Historical Report Standards and Guidelines*), *Florida Administrative Code*. In addition, this report was prepared in conformity with standards set forth in Part 2, Chapter 8 (*Archaeological and Historical Resources*) of the FDOT *PD&E Manual* (effective July 1, 2020). All work also conforms to professional guidelines set forth in the *Secretary of Interior's Standards and Guidelines for Archaeology and Historic Preservation* (48 FR 44716, as amended and annotated). Principal Investigators also meet the *Secretary of the Interior's Professional Qualification Standards* (48 FR 44716) for archaeology, history, architecture, architectural history, or historic architecture.

The archaeological APE consisted of the footprint of the existing right of way (ROW) containing the proposed improvements, as well as the footprint of newly proposed areas of ROW and easement. The historic resources APE consisted of the footprint of all existing and proposed ROW and easements containing the improvements. It also included all adjacent parcels/resources for a distance of up to 200 feet

[www.fdot.gov](http://www.fdot.gov)

Ms. Alissa S. Lotane  
Florida's Turnpike (SR 91) Widening PD&E Study, Orange County, Florida (442212-1-22-01)  
March 20, 2023  
Page 2 of 3

from the existing and proposed ROW and easements, unless the improvements were contained within existing ROW with extant noise walls located near the edge of the ROW (that would not be moved as a result of the current work). In areas with extant noise walls that would not be moved, the historic resources APE did not expand outside of the existing ROW for at-grade improvements. The historic resources APE also consisted of a 250-foot buffer off newly elevated improvements or existing elevated improvements that will be widened, regardless of their proximity to existing noise walls. Due to the widening of the Turnpike facility into an existing canal on the west side of the Turnpike facility, the APE was expanded along East Acre Drive, from W. Broward Boulevard to Palm Tree Road, to include adjacent residential resources. The project improvements include changes to one previously recorded historic canal, which is included in the APE. The project improvements do not include any changes to three previously recorded historic canals that pass beneath the Turnpike. Therefore, these canals were excluded from the APE.

Large portions of the project APE established for the current CRAS located along the Florida's Turnpike (SR 91) and I-595 (SR 862), fall within areas previously surveyed for cultural resources. Due to existing conditions and the previous surveys, subsurface testing for the current survey focused primarily on areas of newly proposed ROW. Historic resources survey efforts focused on the entire historic resources APE due to the potential for resources to have become newly historic since the previous survey work occurred.

No archaeological sites were recorded within or adjacent to the current APE. While subsurface testing was not feasible within segments of the APE due to hardscape, underground utilities, drainage ditches, excavated ponds, and standing water, 34 shovel tests were excavated within the archaeological APE where feasible. Based on the results of the current survey and previous survey efforts, the archaeological APE exhibits a low potential for encountering intact archaeological deposits or significant archaeological sites.

The historic resources field survey and research resulted in the identification of 149 historic resources within the APE, consisting of 21 previously recorded resources and 128 newly recorded resources. Of the 149 total resources, there is one linear resource (8BD3226), one cemetery (8BD8423), two bridges, 18 resource groups, and 127 structures. Two of the newly identified resources are recommended eligible for listing on the National Register: the Plantation Village Shopping Center/8BD8428 and the Turnpike Toll Plaza/8BD8542. The Plantation Village Shopping Center/8BD8428 is an example of a Colonial Revival Style commercial structure with excellent integrity. The structure is recommended individually eligible for the National Register under Criterion C for Architecture. The Turnpike Toll Plaza/8BD8542 is the last remaining original toll booth constructed by the Florida Turnpike Authority when the Sunshine State Parkway was constructed through the project area in the 1950s. It is recommended individually eligible under Criterion A in the area of Transportation for its association with the development of the state in the Post World War II era.

The remaining 147 historic resources have been determined ineligible or are considered ineligible for listing on the National Register. Historical research and field survey did not reveal any significant associations with the resources. Several of the resources also are examples of typical architecture found in South Florida and have significant alterations. There were multiple types of resource groups recorded within the APE. These include condominium/apartment complexes, golf courses, a hospital, and mobile home parks. Historical research, field survey, and reconnaissance survey of the surrounding areas outside of the APE did not reveal any potential historic districts. The field survey revealed that the previously recorded and National Register–ineligible McArthur Toll Plaza located at 5101 W Sunrise Boulevard (8BD4453) has been demolished and is no longer extant within the historic resources APE.



Ms. Alissa S. Lotane  
Florida's Turnpike (SR 91) Widening PD&E Study, Orange County, Florida (442212-1-22-01)  
March 20, 2023  
Page 3 of 3

Volume I of this CRAS Report contains the main body of the report, the FDHR/SHPO concurrence letters associated with previous survey efforts, and a mapping set depicting current conditions within the archaeological APE, zones of archaeological site potential, and shovel test locations. Volume II of this CRAS Report contains a mapping set depicting the identified historic resources within the historic resources APE, all newly prepared and updated Florida Master Site File forms, and the associated Survey Log.

The CRAS Report is provided for your review and comment. If you have any questions or need assistance, please contact me at 407.264.3301 or via email at [Philip.Stein@dot.state.fl.us](mailto:Philip.Stein@dot.state.fl.us). Thank you for your continued assistance on FTE projects.



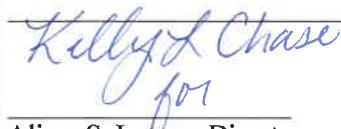
Philip Stein  
Environmental Administrator  
Florida's Turnpike Enterprise

CC: Lisa K. Stone, Kimley-Horn  
Kathleen S. Hoffman, Janus Research

The Florida State Historic Preservation Officer (SHPO) finds the attached Cultural Resources Assessment Survey Report complete and sufficient and  concurs/  does not concur with the recommendations and findings provided in this cover letter for SHPO/FDHR Project File Number 2018-2570C. Or, the SHPO finds the attached document contains \_\_\_\_\_ insufficient information.

SHPO Comments:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

  
for

Alissa S. Lotane, Director  
Division of Historical Resources  
& State Historic Preservation Officer

4/17/2023  
Date



## **Natural Resources Appendix**

### **Contents:**

Attachment 4 USFWS Meeting Minutes

Attachment 5 Interagency Meeting Minutes

Attachment 6 Interagency NMFS Meeting Minutes



**Florida Department of Transportation**

**RON DESANTIS**  
GOVERNOR

Turkey Lake Service Plaza  
Mile Post 263 | Bldg. #5315  
P.O. Box 613069, Ocoee, Florida 34761

**JARED W. PERDUE, P.E.**  
SECRETARY

## USFWS Technical Assistance Meeting


**PROJECT:** Turnpike Mainline Widening PD&E Study (FPID#: 442212-1-22-01)  
From South of I-595 to Wiles Road MP 53 to MP 70  
Broward County

**MEETING DATE:** February 09, 2023

**MEETING TIME:** 10:00 AM

**LOCATION:** Microsoft Teams

**ATTENDEES:**

John Wrublik Philip Stein Doug Zang, AICP Fred Gaines, PWS Lisa Stone, PE Chris Dailey	USFWS Technical Lead FTE Environmental Administrator  FTE/Atkins GEC FTE/Atkins GEC Kimley-Horn PM RS&H Environmental Lead
---	---

- Introductions
- Project Description  
FTE staff provided a brief project introduction

Kimley-Horn staff provided a study overview covering the following items:

- Project study area
- Interchange improvements and new interchanges evaluated
- Mainline widening alternatives evaluated

RS&H staff provided a summary of federally listed species and preliminary effect determinations.

- Florida bonneted bat (FBB)
  - Summary of pedestrian surveys conducted in 2019
  - NRE includes a determination of “*May Affect Likely to Adversely Affect*” (MALAA)
  - NRE includes a commitment to evaluate acoustic monitoring within mainline widening and final pond sites during design and permitting.
- West Indian manatee
  - *No effect*
- Wood stork

- Project includes commitment for mitigation at a service-approved mitigation bank and on-site foraging habitat replacement.
  - “*May Affect, Not Likely to Adversely Affect*” (MANLAA)
- All other federally-listed species were determined to have *No Effect*.
- **Discussion Items**

USFWS staff notes that the FBB is likely the only species with potential occurrence within the project area.

FTE staff noted that the PD&E provides an outline for the scoping of the eventual design and permitting phases and asked if FTE should anticipate acoustic monitoring.

USFWS staff noted that Turnpike is providing FBB due diligence. USFWS indicated that within areas of scattered mature tree impacts, cavity hole/roost surveys have generally been sufficient. Acoustic monitoring has not been required for similar projects in southeast Florida with FDOT Districts Four and Six.

FTE staff noted that it would be anticipated that Technical Assistance with USFWS during the design and permitting phase would be reinitiated. USFWS staff provided concurrence with that approach.

**Meeting concluded at approximately 10:15 PM.**

**Attachments: PowerPoint slide**

# TURNPIKE

SOUTH OF I-595  
TO WILES ROAD

# PD&E

**Broward County, FL**  
**Project Number: 442212-1**

## USFWS Technical Assistance Meeting

**February 9, 2023**





# PRESENTATION OUTLINE

1. Study Overview
2. Recommended Build Alternatives
3. Listed Species
4. Next Steps



Coconut Creek Pkwy







## STUDY OVERVIEW

### Potential New Interchanges

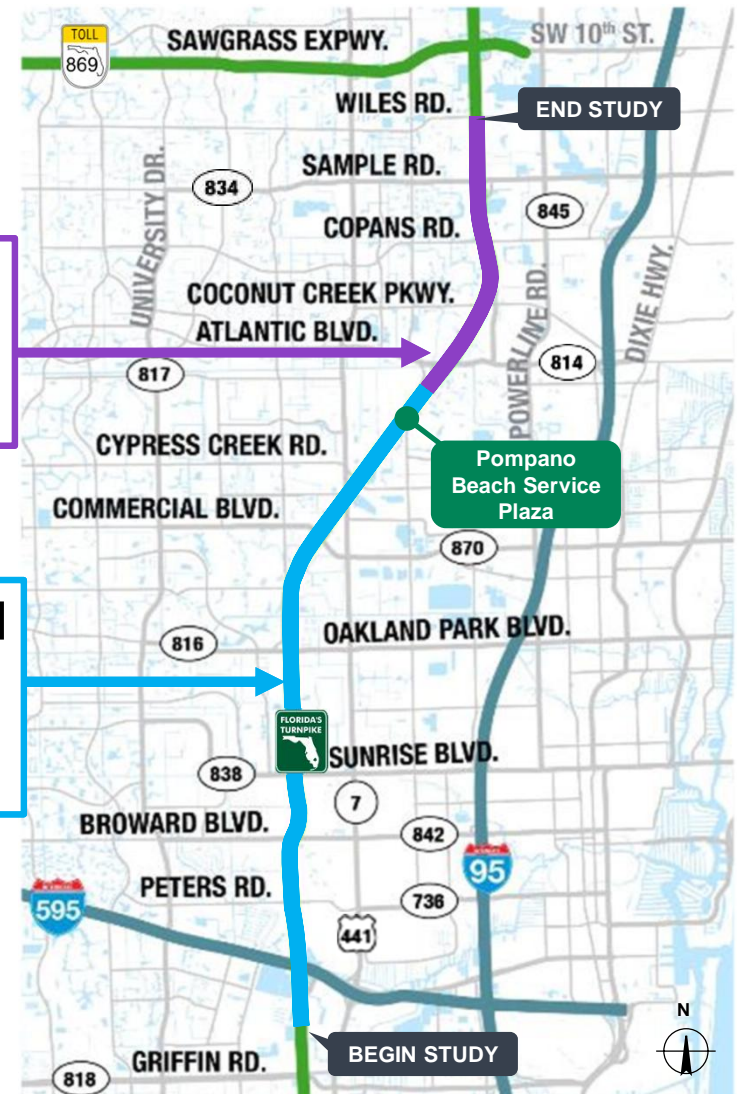
- Oakland Park Blvd.
- Cypress Creek Rd.



## STUDY OVERVIEW

From S. of Atlantic Blvd to Wiles Rd  
**8 lanes needed now**  
**10 lanes needed by 2040**

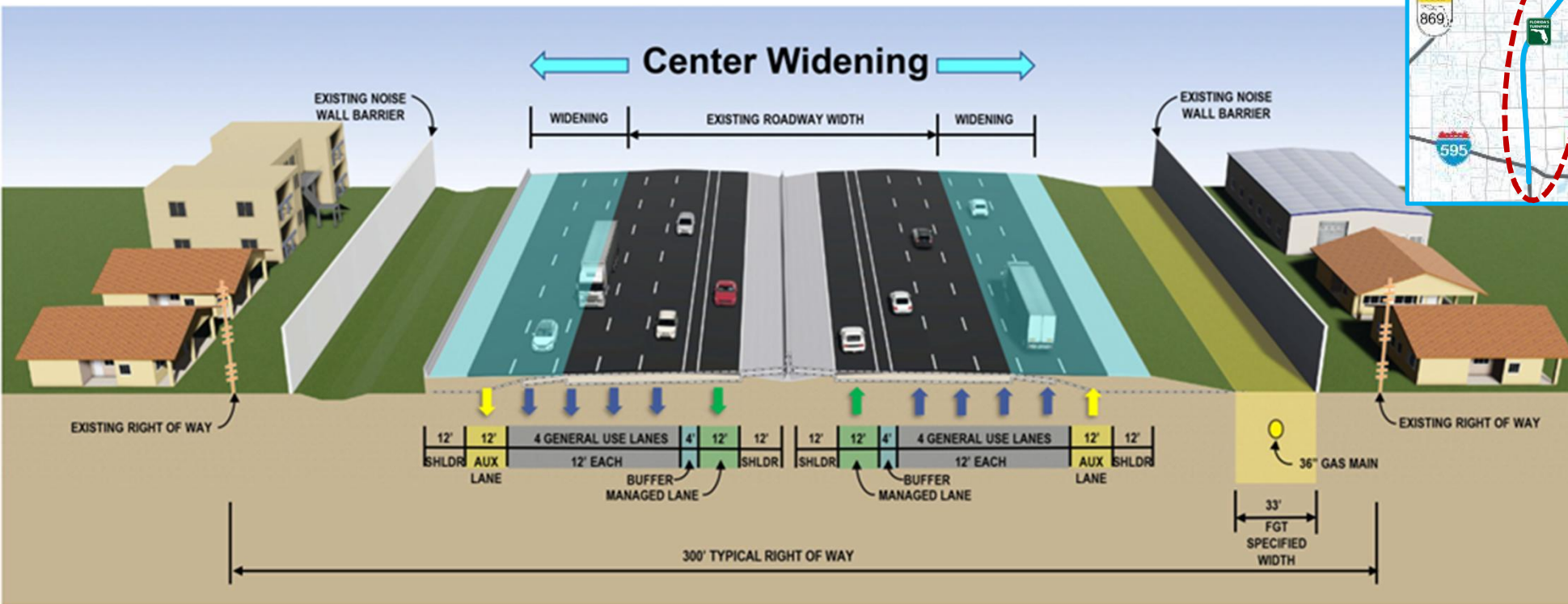
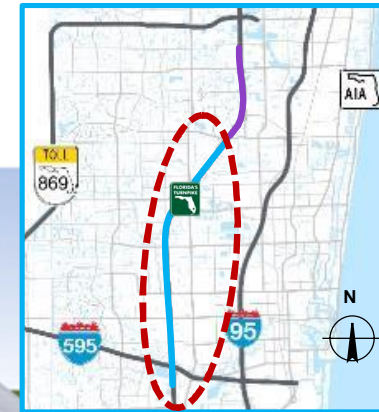
From S. of I-595 to S. of Atlantic Blvd  
**10 lanes needed by 2025**  
**> 10 lanes needed by 2040**





# RECOMMENDED MAINLINE WIDENING ALTERNATIVE

## From South of I-595 to Atlantic Blvd

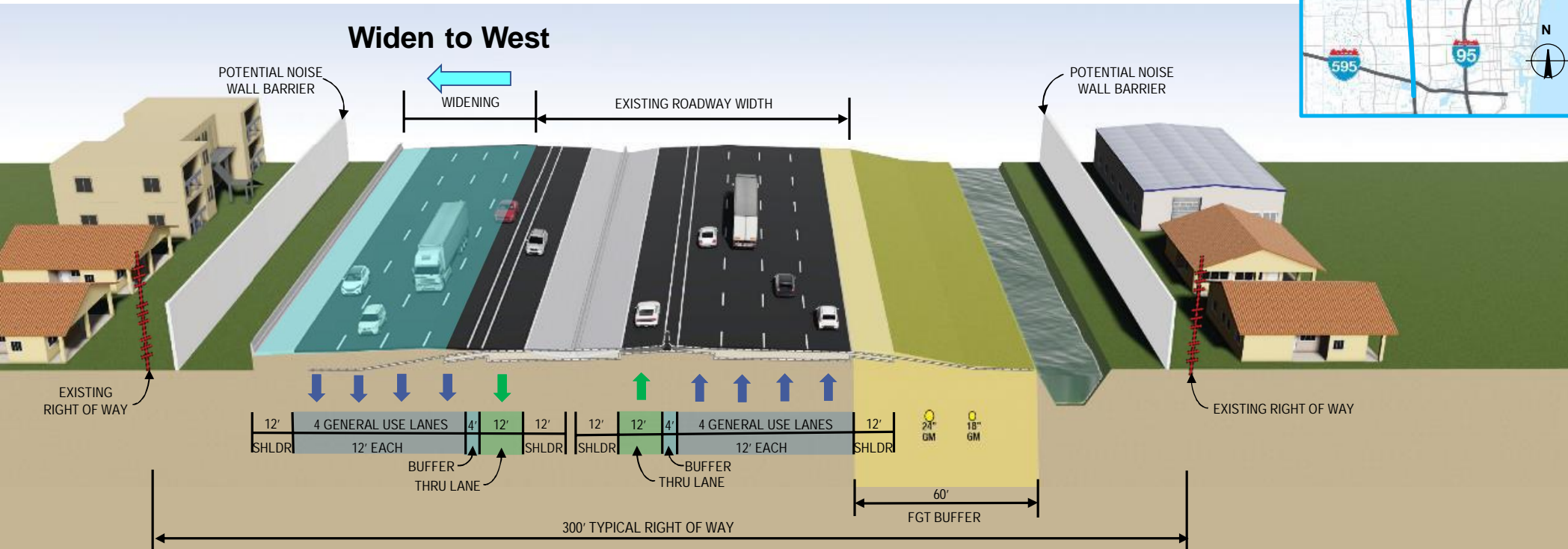
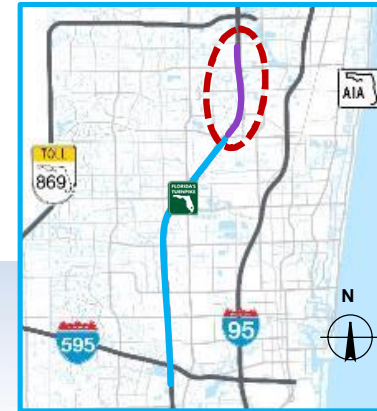






# RECOMMENDED MAINLINE WIDENING ALTERNATIVE

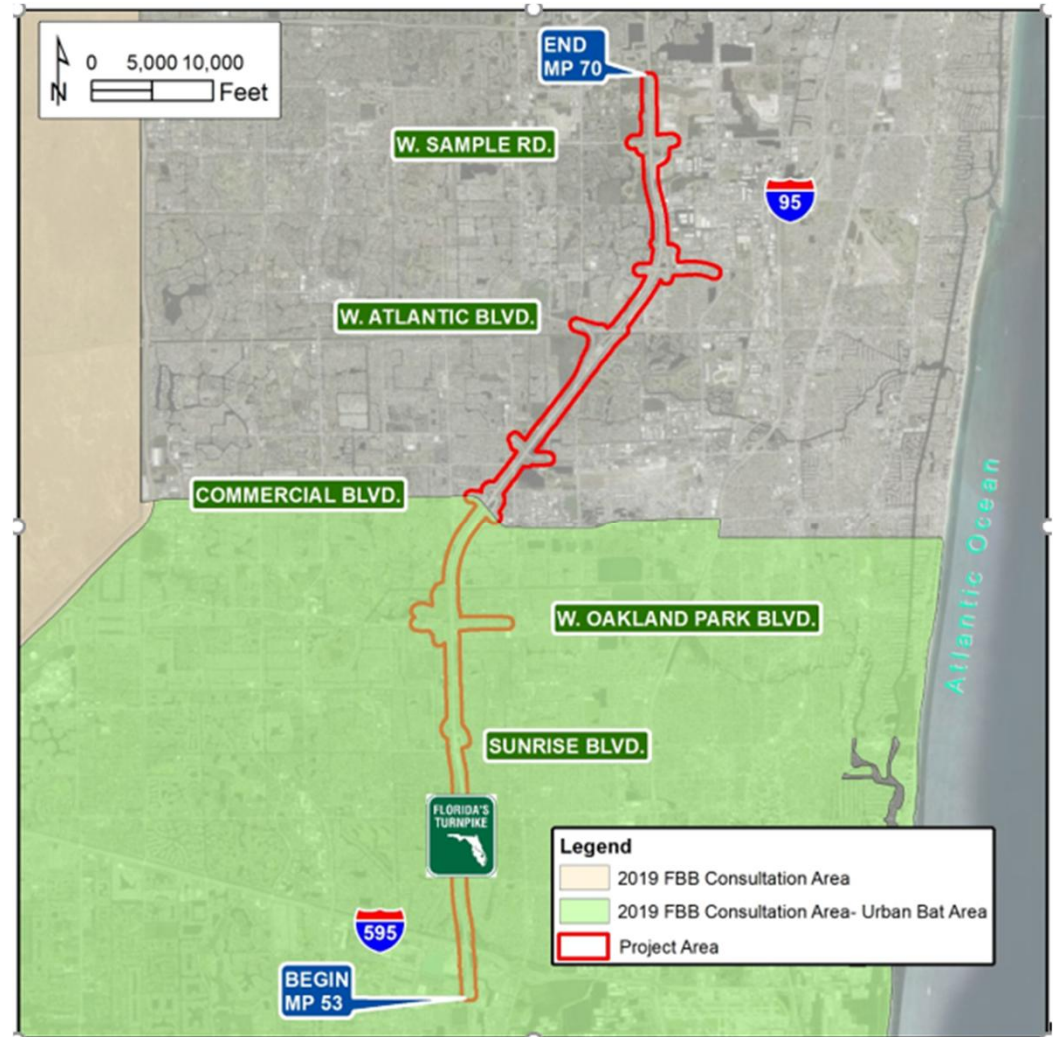
## From South of Atlantic Blvd to Wiles Road (4 miles)



## Listed Species

### Florida Bonneted Bat

- Southern half of project is within Urban Bat Consultation Area.
- The project is not within the draft Critical Habitat Area (FWS-R4-ES-2019-0106 November 22, 2022).





## Listed Species

### Florida Bonneted Bat

- Pedestrian surveys within existing right of way conducted in 2019 were negative for roosting activity
  - Maintained right of way includes mostly immature landscaping palms under 30'
  - Bridges did not include any cavities for roosting. No roosting noted.
- No acoustic monitoring conducted in 2019

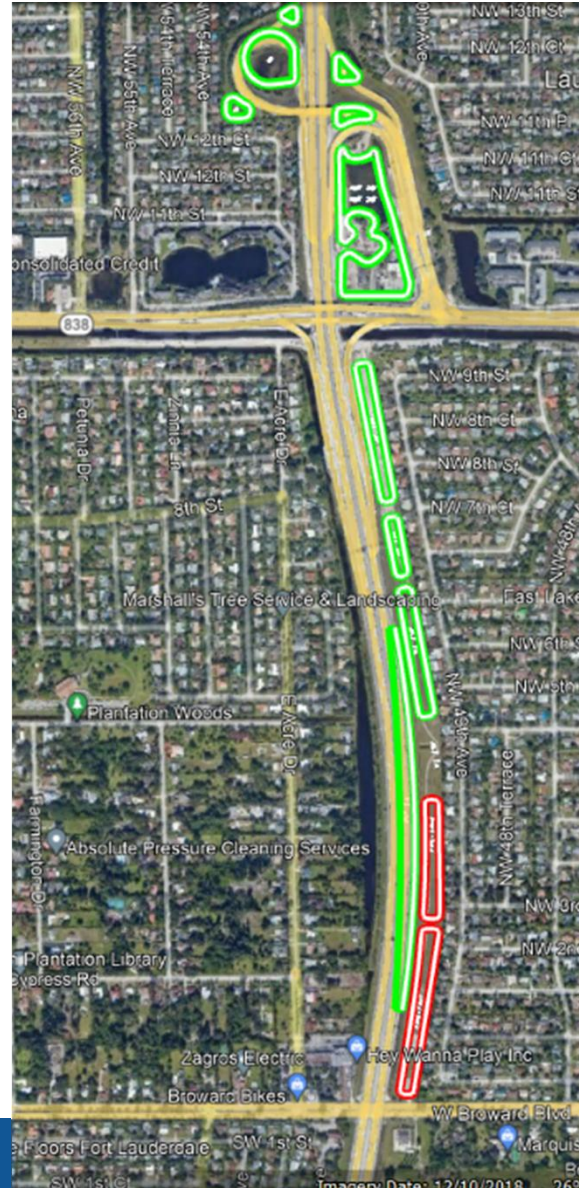




# Listed Species

## Florida Bonneted Bat

- Pond site alternatives are primarily located in undeveloped areas within or adjacent to the Turnpike



## Listed Species

### Florida Bonneted Bat

- NRE includes a determination of “May Affect Likely to Adversely Affect” (MALAA)
- NRE recommended Technical Assistance with USFWS during design and permitting phase
  - Commitment to evaluate acoustic monitoring within mainline widening and final pond sites during design and permitting.

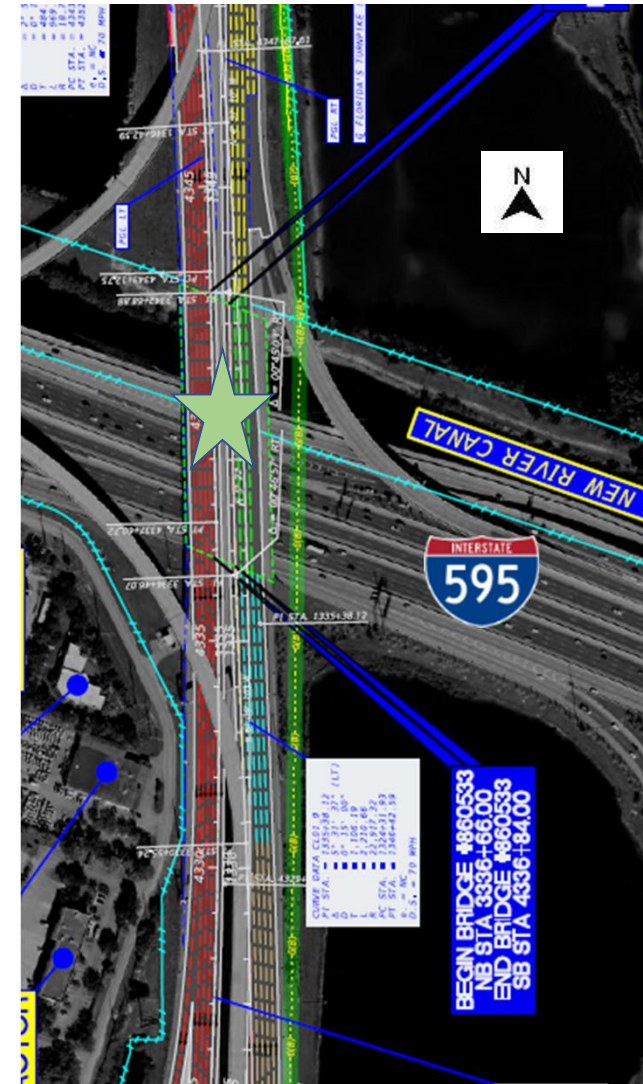
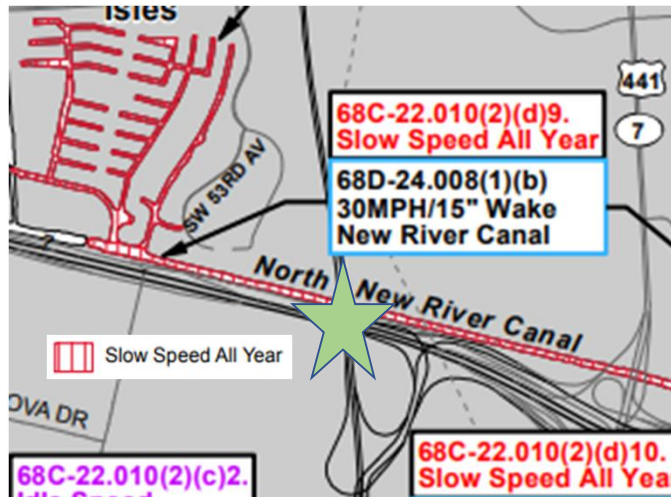




# Listed Species

## West Indian Manatee

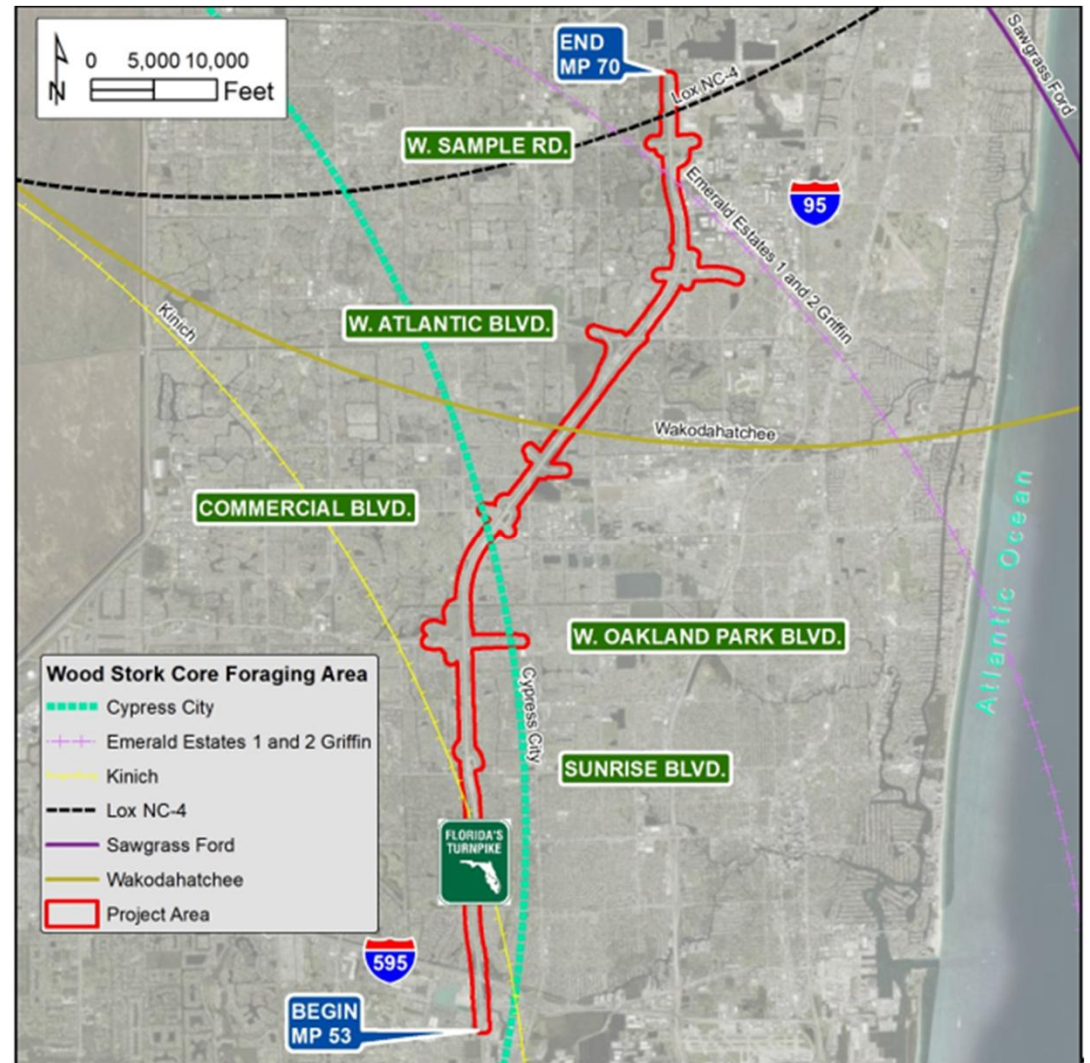
- Project crosses the North New River Canal.
  - No improvements planned at the North New River Canal
  - All other canal crossings are upstream of control structures
  - Preliminary determination of "No Effect"



## Listed Species

### Wood Stork

- Project crosses six Core Foraging Areas
- Project includes commitment for mitigation at a service-approved mitigation bank and on-site foraging habitat replacement
  - Preliminary determination of "may affect, but is not likely to adversely affect" (MANLAA)





# Listed Species Summary

Species	Common Name	USFWS Status	Habitat Proximity	Potential for Occurrence	Effect Determination
<b>Mammals</b>					
<i>Eumops floridanus</i>	Florida bonneted bat	E	Near R/W	Low	MALAA
<i>Trichechus manatus</i>	West Indian manatee	T	Within R/W	None	No effect
<i>Peromyscus polionotus niveiventris</i>	Southeastern beach mouse	T	Distant	None	No effect
<b>Birds</b>					
<i>Rostrhamus sociabilis</i>	Everglade snail kite	E	Distant	None	No effect
<i>Mycteria americana</i>	Wood stork	T	Near R/W	Moderate	MANLAA
<i>Laterallus jamaicensis</i>	Eastern black rail	T	Distant	None	No effect
<b>Reptiles</b>					
<i>Crocodylus acutus</i>	American crocodile	T	Distant	None	No effect
<i>Drymarchon couperi</i>	Eastern indigo snake	T	Near	Low – no documented occurrence within 0.6 mile	No effect

**Ranking:**  
 E – endangered  
 T – threatened





## Listed Species Summary (continued)

Species	Common Name	USFWS Status	Habitat Proximity	Potential for Occurrence	Effect Determination
<b><u>Insects</u></b>					
<i>Strymon acis bartrami</i>	Bartram's hairstreak butterfly	E	Distant	None	No effect
<i>Anaea troglodyta flridalis</i>	Florida leafwing butterfly	E	Distant	None	No effect
<i>Cyclargus (=Hemiargus) thomasi bethunebakeri</i>	Miami blue butterfly	E	Distant	None	No effect

**Ranking:** E - endangered, T – threatened



## NEXT STEPS

1. Complete draft documentation
2. Finalize right of way needs, including drainage sites
3. Hold Public Hearing

What  
Next?



**Florida Department of Transportation**

RON DESANTIS  
GOVERNOR

Florida's Turnpike Enterprise  
P.O. Box 613069, Ocoee, FL 34761  
407-532-3999

KEVIN J. THIBAUT, P.E.  
SECRETARY

**FDOT/SFWMD/USACE/USEPA Interagency Meeting**


**PROJECT:** Turnpike Mainline Widening PD&E Study (FPID 442212-1-22-01)  
From South of I-595 to Wiles Road MP 53 to MP 70  
Broward County

**MEETING DATE:** May 20, 2021

**MEETING TIME:** 11:20 AM

**LOCATION:** WebEx

**ATTENDEES:**

Dustin Wood, PE	SFWMD	Erin Yao, PE 	FTE
Jesse Markle, PE	SFWMD	Fred Gaines, PWS	FTE/Atkins
Beverly Miller	SFWMD	Jazlyn Heywood, PE	FTE/Atkins
Teri Swartz, PE	SFWMD	Lisa Stone, PE	Kimley Horn
Andrea Sanchez	SFWMD	Rob Garrigues, PE	RS&H
Wayne Blythe	SFWMD	Chris Dailey	RS&H
Cynthia Ovdenk	USACE	Gin Ng, PE	Kimley Horn
Alya Singh-White	USEPA		

**Introductions**

**Project Description**

RS&H staff described the project limits and proposed improvements through the corridor. The attached slides were used to illustrate the proposed improvements. Below is a summary of the improvements discussed:

- North New River Basin
  - New bridge structure over SFWMD North New River Canal
  - North New River is tidal and includes navigational clearances.
- C-12 Canal Basin
  - Roadway shifts to the west
  - Existing Turnpike bridge over the SFWMD C-12 Canal can accommodate improvements.
  - Sunrise Blvd, east of Florida's Turnpike – additional eastbound thru-lane. Existing canal volume to be maintained.
- C-13 Canal Basin
  - New mainline and additional local bridges over the SFWMD C-13 Canal.
  - No changes to the existing canal volume are anticipated.

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- A maintenance access will be evaluated and coordinated with SFWMD.
- C-14 Canal Basin
  - Replacement of mainline bridges and ramp bridges over the SFWMD C-14 Canal.
  - No changes to the existing canal volume are anticipated.
  - A maintenance access will be evaluated and coordinated with SFWMD.
- Atlantic Avenue to Wiles Road
  - No additional canal crossings in this section

### **Discussion Items**

- SFWMD staff noted that WBID 3277A is a verified impaired WBID and would have to provide 150% treatment in the nutrient analysis. FTE staff noted that it is unclear how the additional treatment would benefit the removal of copper. FTE staff indicated that FDOT is continuing to work with SFWMD on this issue relative to direct discharges to impaired waterbodies, and the comment is appreciated.
- SFWMD staff provided clarification that the improvements within the C-12, C-13 and C14 Canal Right of Ways will require a USACE S408 review. The North New River Canal at the project location is not a USACE S408 resource.
- SFWMD staff noted that the ROW permit drawings and documents should have the existing SFWMD canal right of way clearly shown as “SFWMD ROW”. FTE staff noted that SFWMD has provided existing ROW information, and that info will be passed along to the project team. SFWMD staff noted the following ROW Occupancy Permit numbers:
  - North New River – Permit #8098
  - C-12 – Permit # 469
  - C-13 – Permit # 448
  - C-14 – Permit # 493
- FTE staff asked if there was Comprehensive Everglades Restoration Plan (CERP) information support that SFWMD could provide, especially for the C-12, C-13 and C-14 Canals. SFWMD staff noted that and CERP information will be passed along. USACE noted that they will also provide any CERP information available to FTE.
- FTE staff asked if there was any guidance on retained waters. USACE noted that FDOT will work through the SFWMD for the S408 permits.
- RS&H staff asked if there were any ongoing projects that had any potential for joint-use stormwater. FTE noted that there will be some ongoing stakeholder meetings scheduled and joint-use will be a discussion item. SFWMD staff noted that as meetings are set, invite SFWMD staff as optional attendees.

**Meeting concluded at approximately 11:57 am.**

### **Action Items**

Invite SFWMD staff to stakeholder meetings regarding joint-use stormwater opportunities.

**Attachments: Detailed maps and slides**



# AGENDA

## SFWMD COORDINATION MEETING

**Widen Turnpike from I-595 to Wiles Road**  
**FPID: 442212-1-22-01**  
**Broward County, Florida**  
Contract Number C-A352

PROJECT MANAGER: Jazlyn Heywood, PE  
DESIGN CONSULTANT: Kimley-Horn and Associates, Inc.  
CONSULTANT PM: Lisa Stone, PE  
SUBCONSULTANTS: RS&H Marlin Engineering Wantman Group  
Tierra South Florida Janus Research Infinite Source Comm.  
DATE: TBD  
MEETING LOCATION: Teleconference

---

**1. Introductions**

- FTE
- SFWMD
- USACE
- USCG
- USFWS
- NMFS

**2. Overall Project Information**

- Project Need
- General Project Description/Project Limits
- Current PD&E Schedule/Status

**3. Proposed Design**

- Roadway Improvements
  - Center Widening (Begin Project to C-14 Canal)
  - Centerline West Shift (C-14 Canal to Wiles)
- North New River Canal
  - Modifications at the I-595 Interchange
- C-12 Canal
  - Modifications at Sunrise Blvd.
  - Required Canal Typical Section
  - Anticipated Cross-sections
- C-13 Canal
  - Bridge Modifications
  - Required Canal Typical Section
  - Anticipated Cross-sections

- C-14 Canal
  - Bridge Modifications
  - Required Canal Typical Section
  - Anticipated Cross-sections
  
- Stormwater Management Anticipated Design Criteria
  - Water Quality – Add any WBIDs impaired for nutrients, (direct discharge only)
  - Water Quantity – Add Wellfield map (project limits to powerpoint)
  - Floodplain Impacts and Compensation -
  - Wellfields
  - Wetlands
  - Listed Species
  
- Anticipated Design Permits
  - SFWMD ROW Occupancy
  - SFWMD Water Use
  - USACE 408 – C 12, C14, C14
  - USACE 404 Retained Waters
  - USCG – North New River bridge permit, lighting
  - USFWS
  - NMFS
    - Essential Fish Habitat at North New River

**4. Environmental Look Around**

- Regional/Joint Use Stormwater Opportunities
- Comprehensive Everglades Restoration Projects (CERP)

**5. Miscellaneous Discussion**

**6. Action Items**

# PROJECT DEVELOPMENT AND ENVIRONMENT (PD&E) STUDY FOR THE WIDENING OF FLORIDA'S TURNPIKE (STATE ROAD 91) FROM SOUTH OF I-595 TO WILES ROAD

## AGENCY PRE-APPLICATION MEETING

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MAY 20, 2021

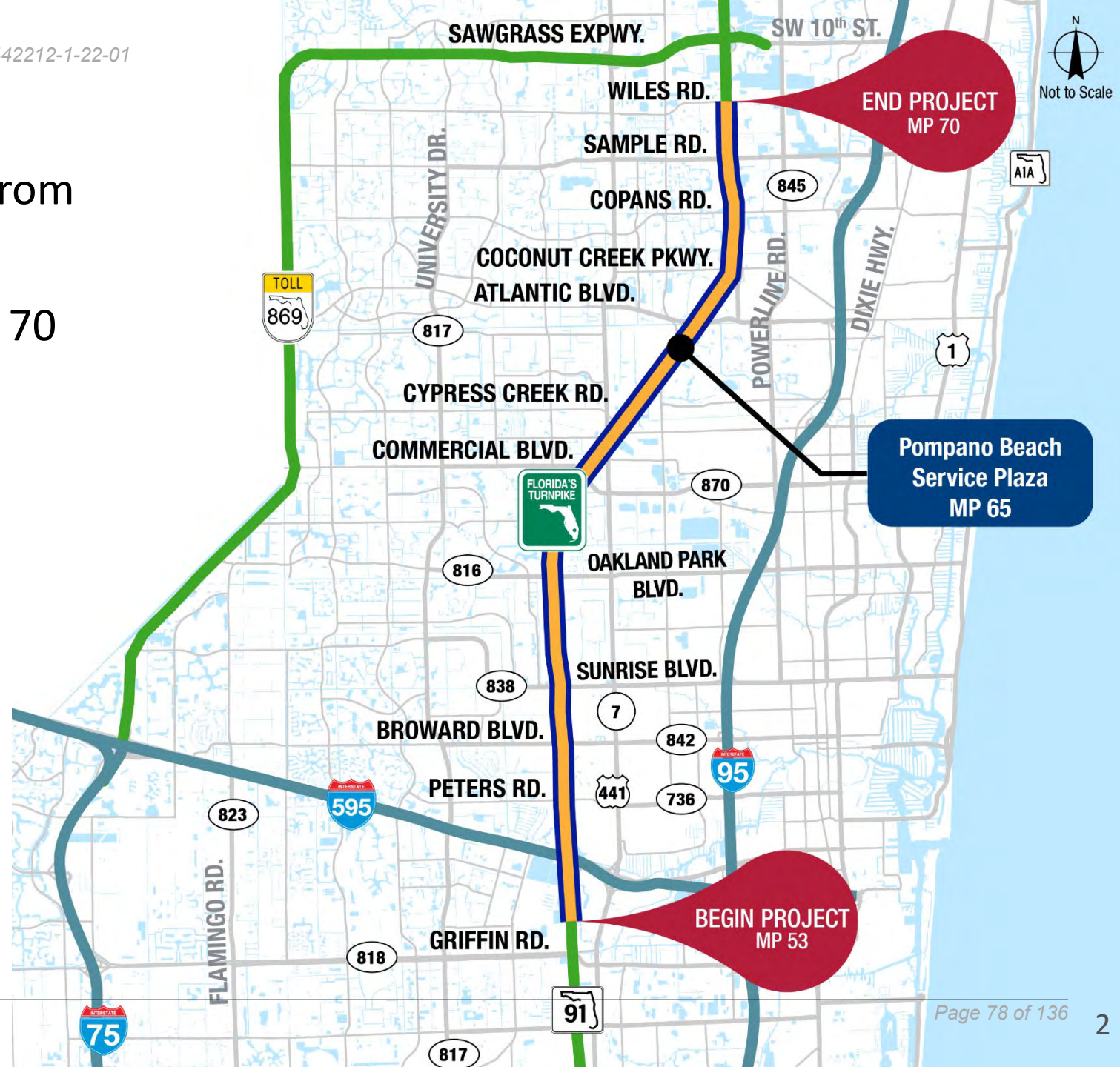
DETAILED MAPS AND EXHIBITS

Broward County, FL



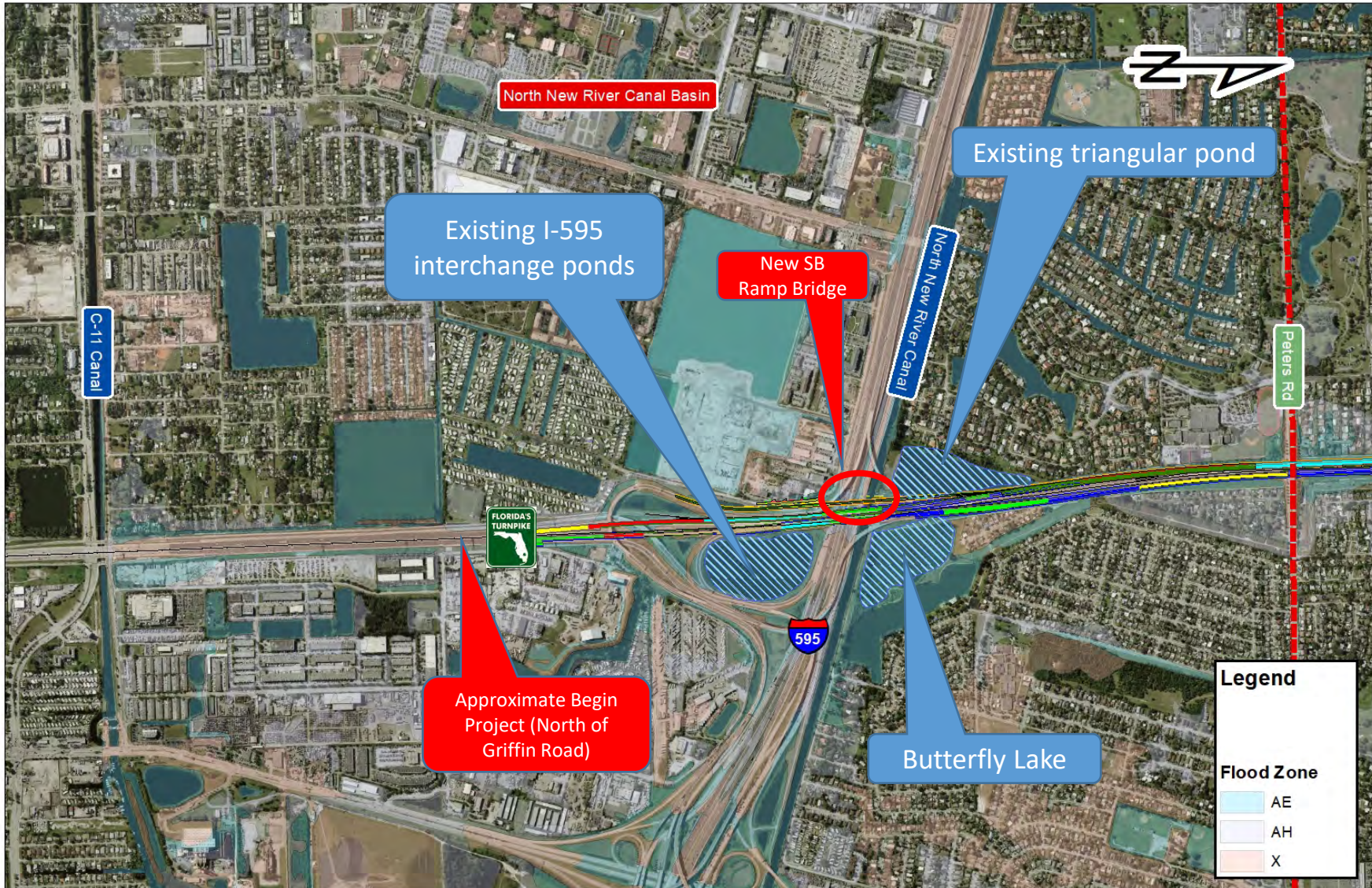
# STUDY LIMITS

- Florida's Turnpike (State Road 91) from south of I-595 to Wiles Road
- Milepost (MP) 53 to Milepost (MP) 70
- Distance of approximately 17 miles





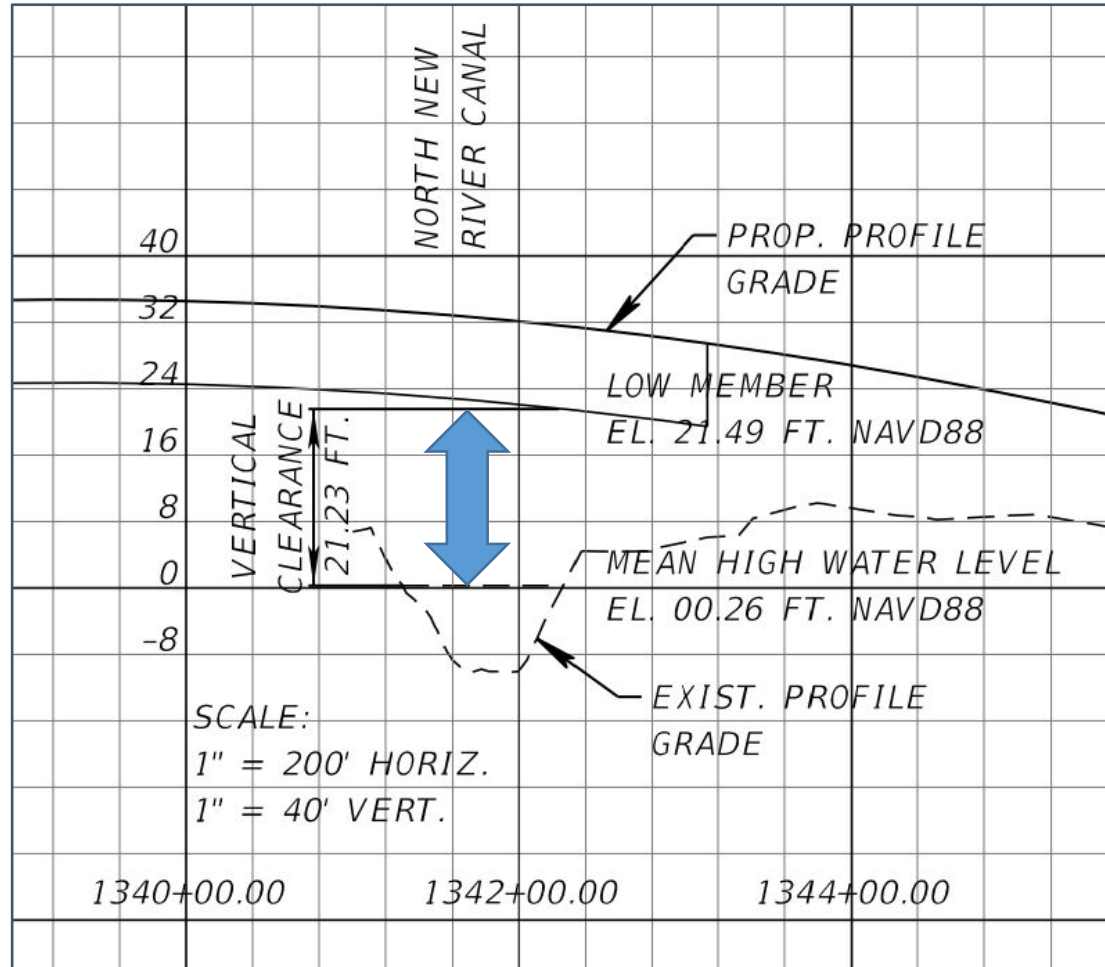
# North New River Basin (Begin Project to Peters Rd.)





# North New River Canal (Begin Project to Peters Rd)

- North New River Canal is tidally influenced
- Estimated vertical clearance is 21+'
- New bridge will match existing bridge span

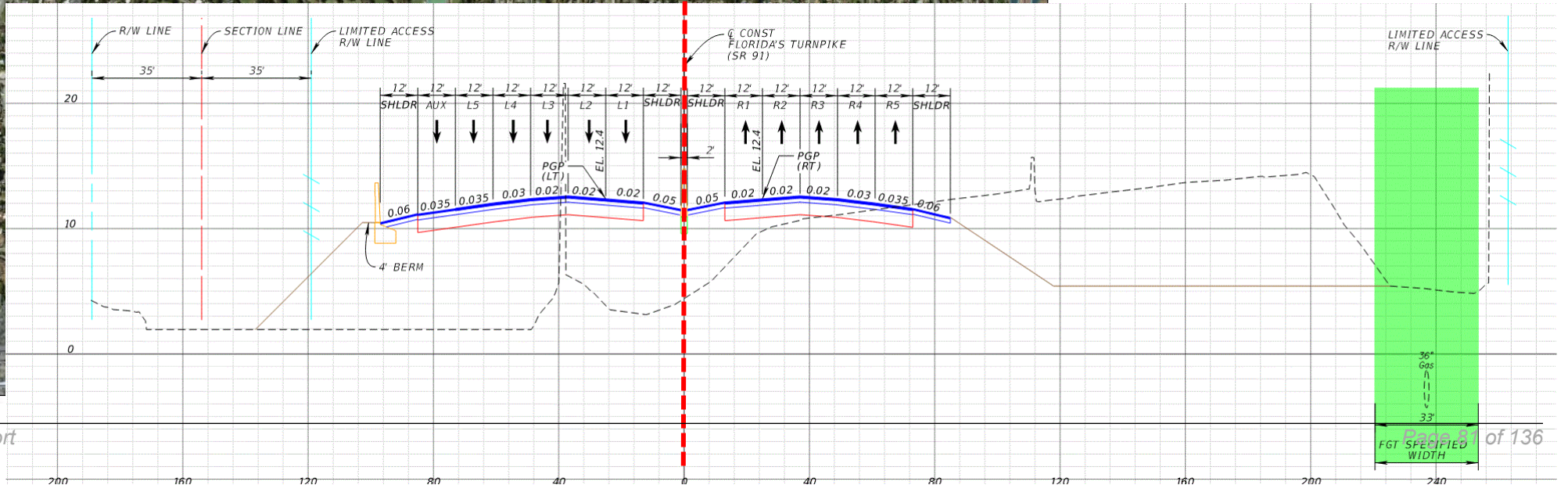




# C-12 Canal Basin (Peters Rd. to Sunrise Blvd.)

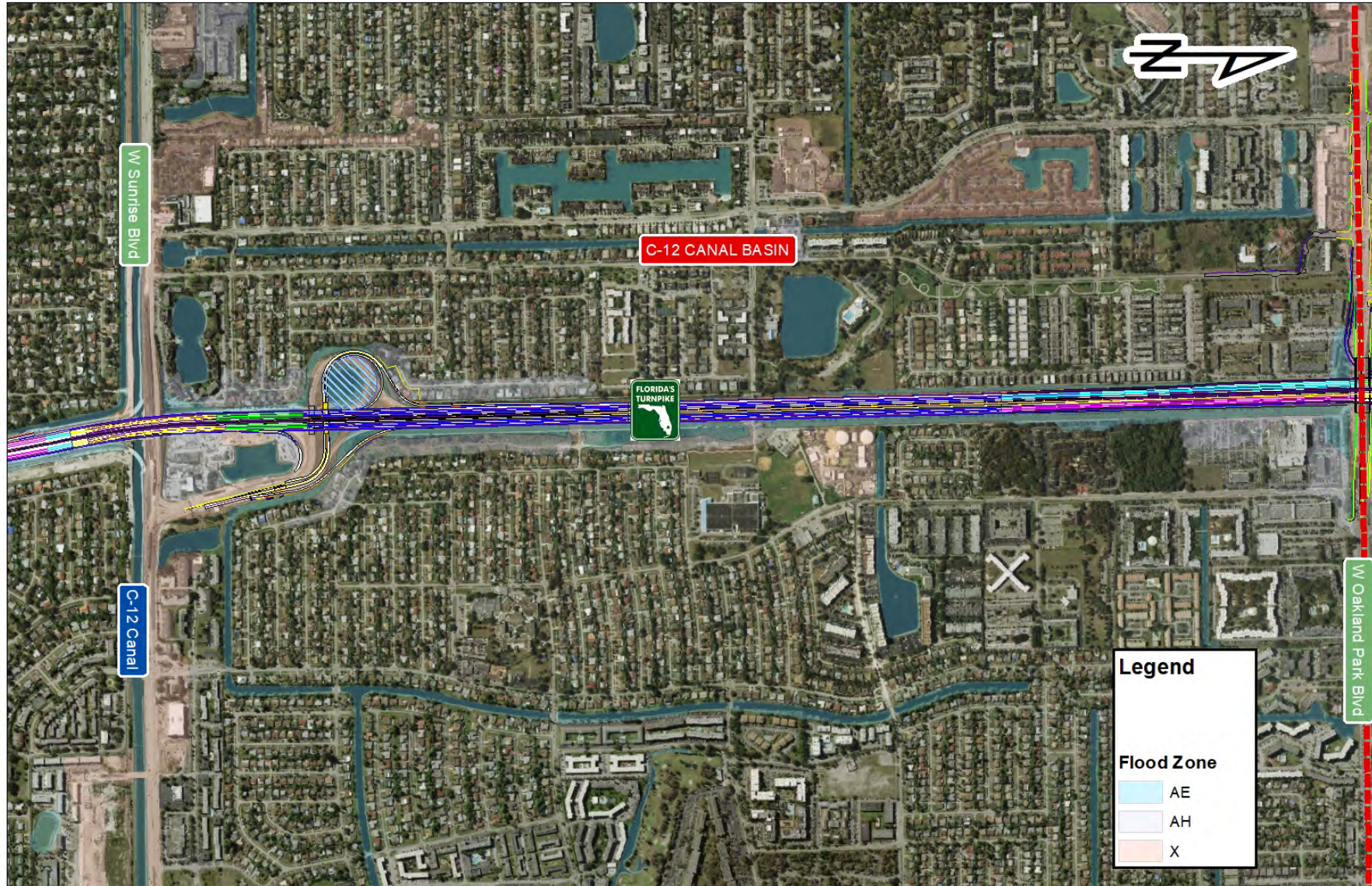


- Horizontal shift to the west
- Shared canal encroachment





# C-12 Canal Basin (Sunrise Blvd. to Oakland Park Blvd.)





# C-12 Canal Basin (Sunrise Blvd. to Oakland Park Blvd.)

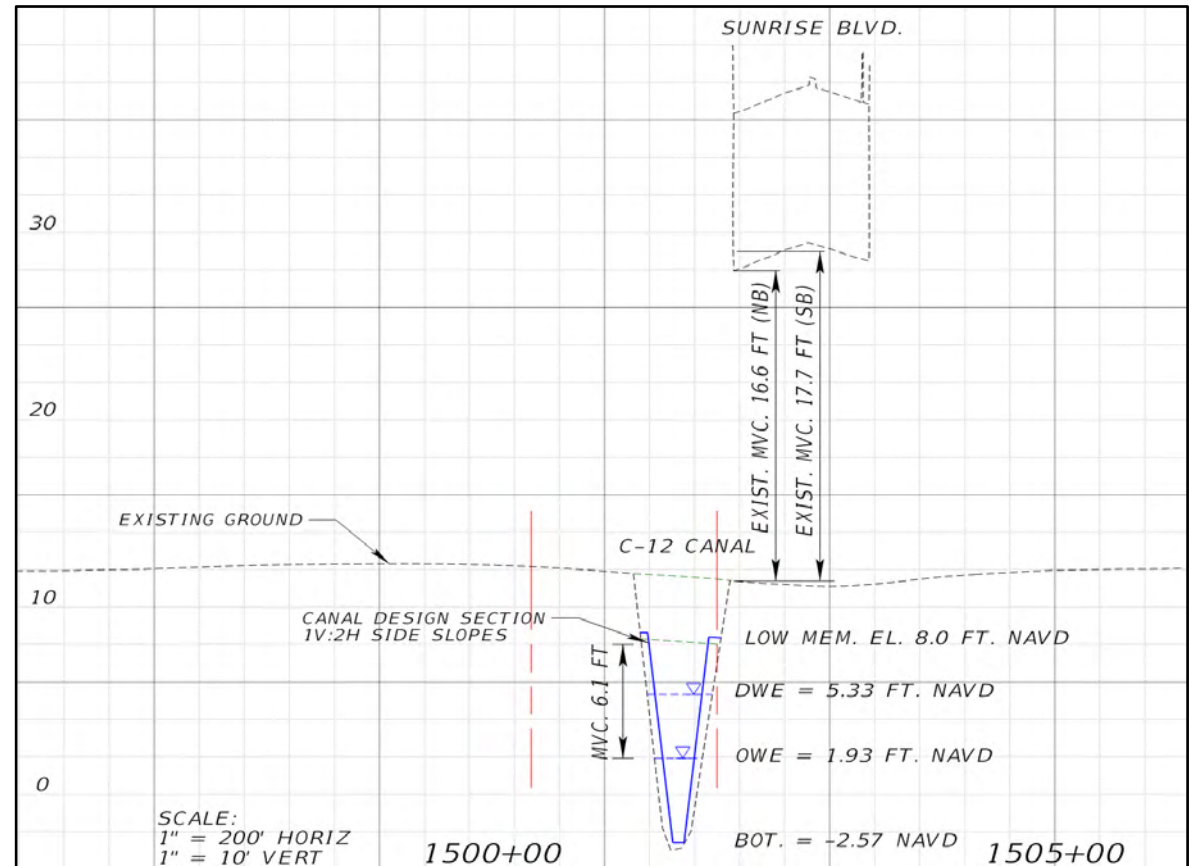


**Plan View**



**Existing Condition**

- Turnpike bridge over C-12 was constructed in 1983 and widened in 2011 and 2019.
- Existing bridge section accommodates ultimate Turnpike widening section



**C-12 Canal Elevation**

# PD&E WIDEN TPK FROM I-95 TO WILES RD (8 TO 10 LNS) (MP 53-70) (442212-1-22-01)

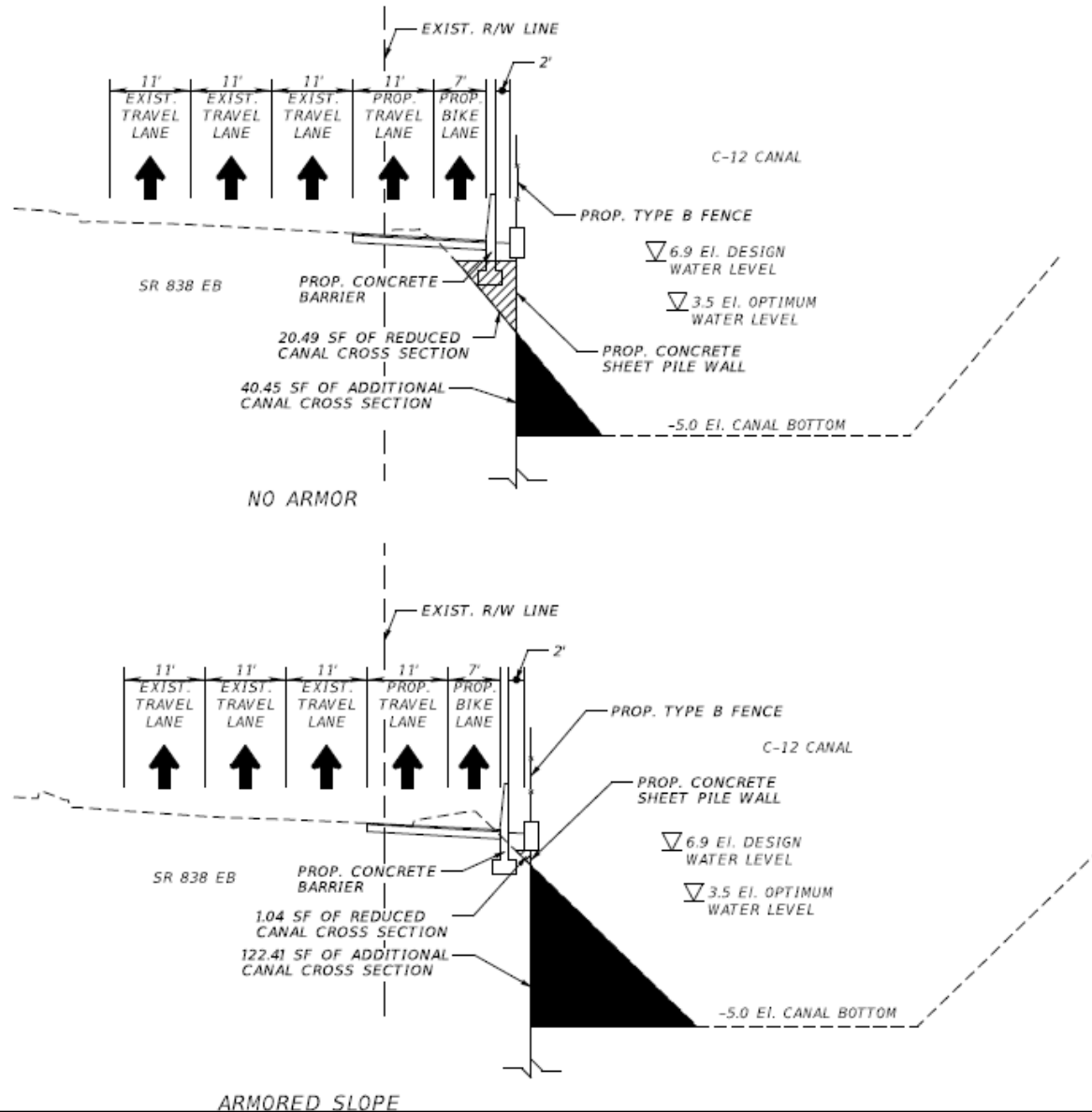
## C-12 Canal Basin (SR 91 to SR 7)



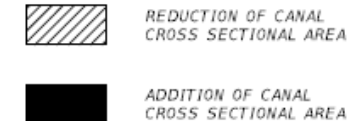


# C-12 Canal Basin (Sunrise Blvd. to Oakland Park Blvd.)

RD&E WIDEN TPK FROM I-595 TO WILES RD (8 TO 10 LNS) (MP 53-70) // 242212-1-22-01



- Additional eastbound thru-lane
- Proposed bulkhead wall
- Existing canal volume will be maintained



ARMORED SLOPE

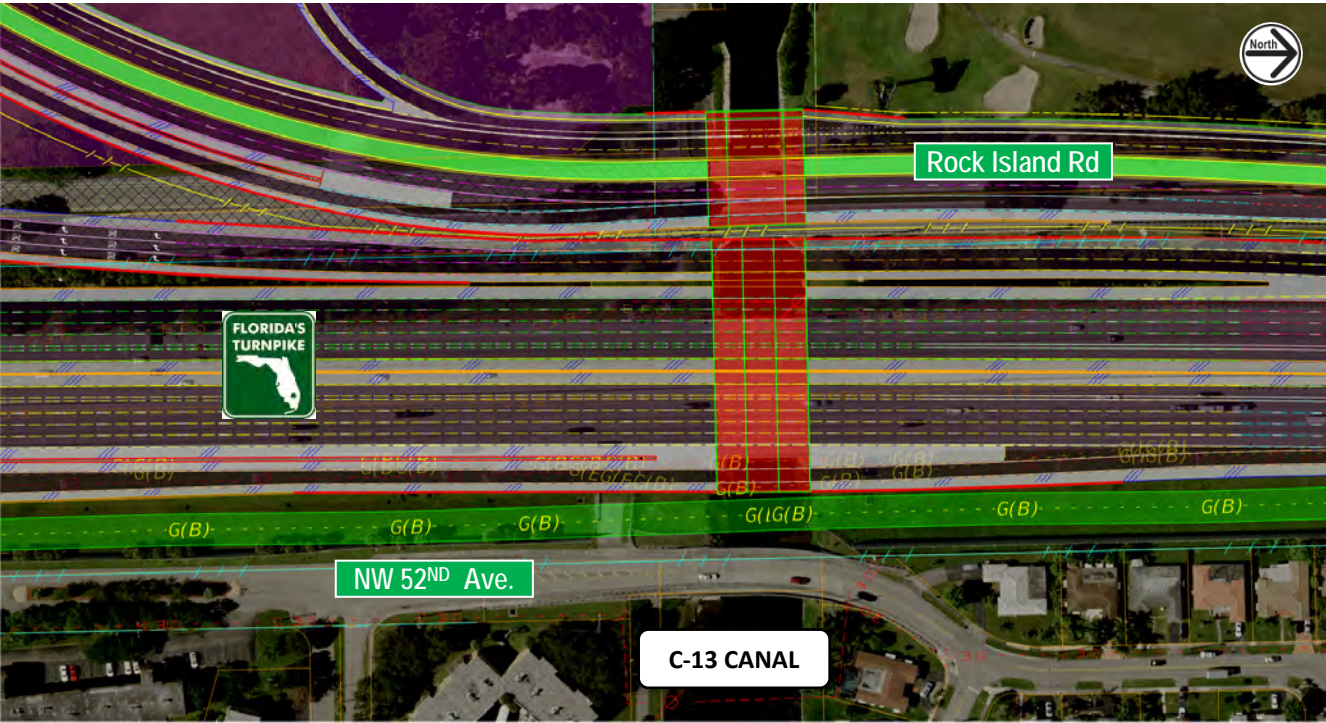
# PD&E WIDEN TPK FROM I-595 TO WILES RD (8 TO 10 LNS) (MP 53-70) // 442212-1-22-01

## C-13 Canal Basin (Oakland Park Blvd. to SR 7)





# C-13 Canal Modification (Oakland Park Blvd. to SR 7)

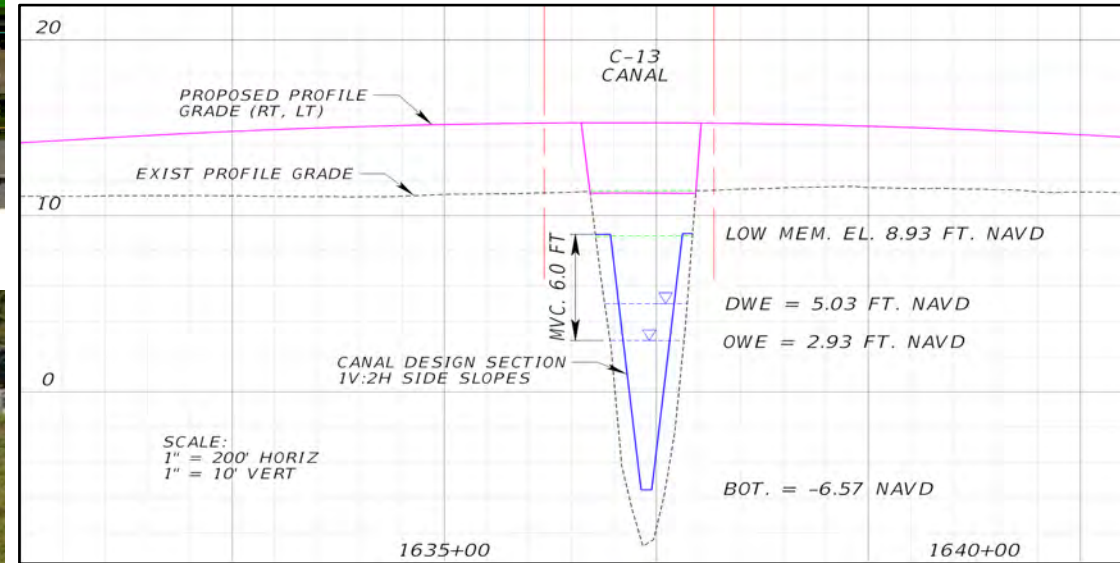


Plan View



Existing Condition

- Replacement of TPK and Rock Island Bridge over C-13 Canal
- Bridge lengths to remain the same
- Canal Design Section will not be affected



C-13 Canal Elevation

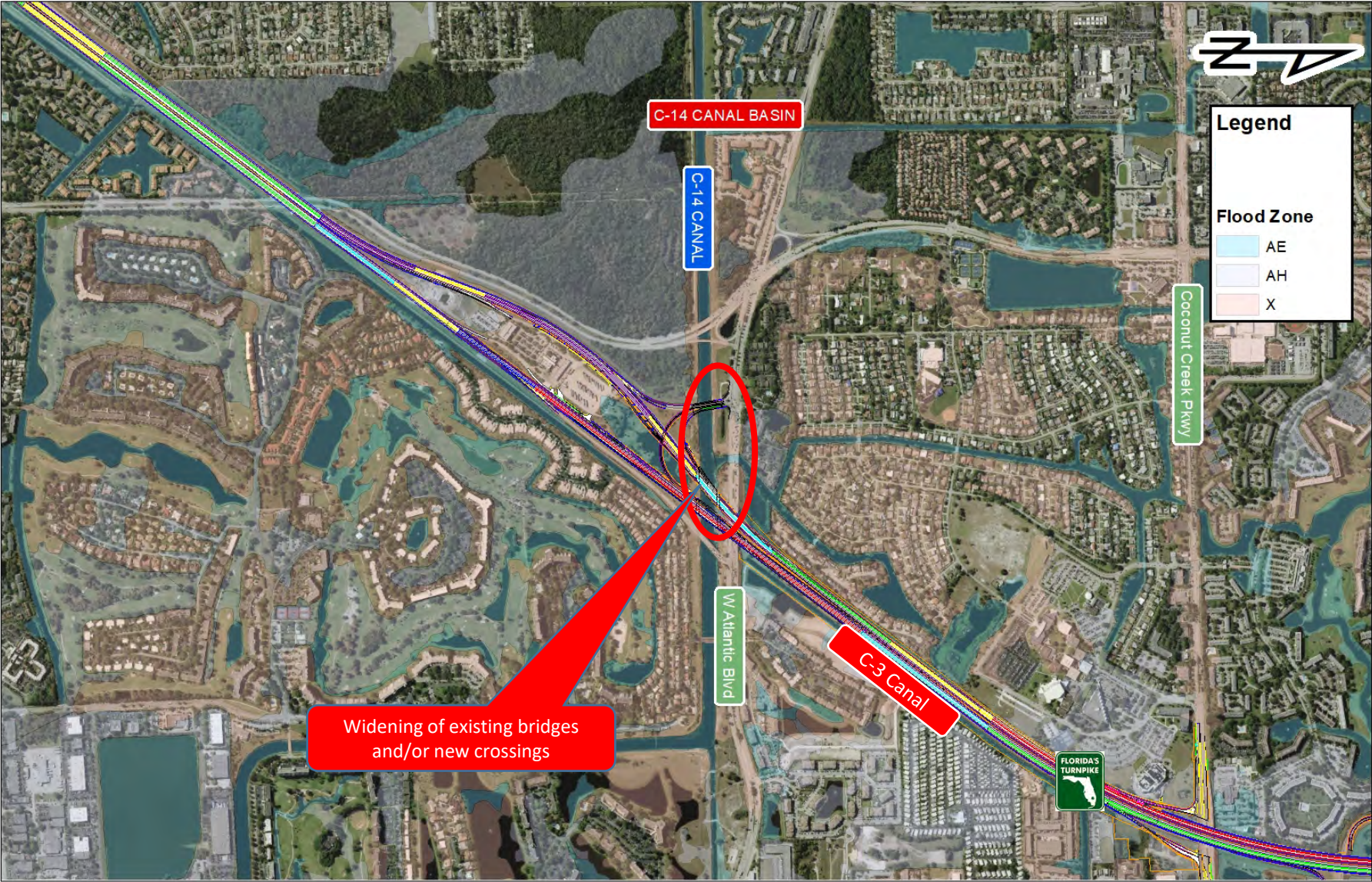


# C-13/C-14 Canal Basin





# C-14 Canal Basin (SR 7 to Atlantic Ave.)





# FD&E WIDEN TPK FROM I-595 TO WILES RD (S TO N LNS) (MP 53-70) // 4422102-1-22-01

## C-14 Canal Modification (SR 7 to Atlantic Ave.)

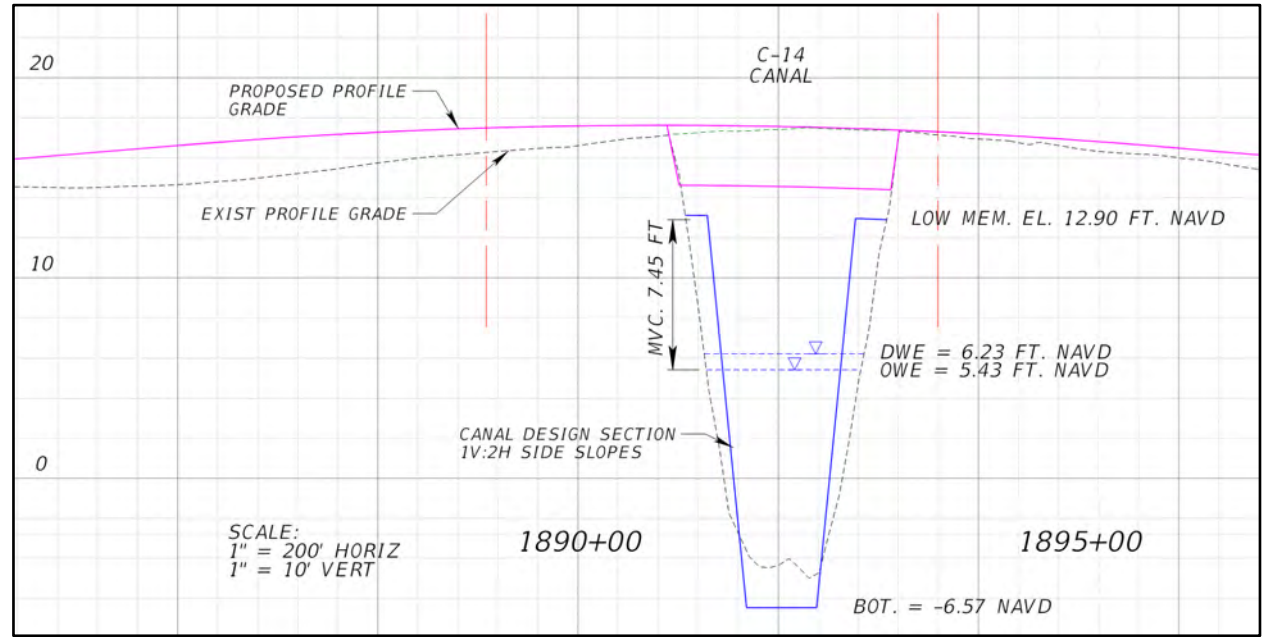


**Plan View**



**Existing Condition**

- Replacement of TPK (SB and NB) and SB on-ramp Bridge over C-14 Canal
- Bridge lengths to remain the same
- Canal Design Section will not be affected



**C-14 Canal Elevation**



# FD&E WIDEN TPK FROM I-595 TO WILES RD (6 TO 10 LNS) (MP 53-70) // 442212-1-22-01

## C-14 Canal Basin (Atlantic Ave. to Sample Rd.)





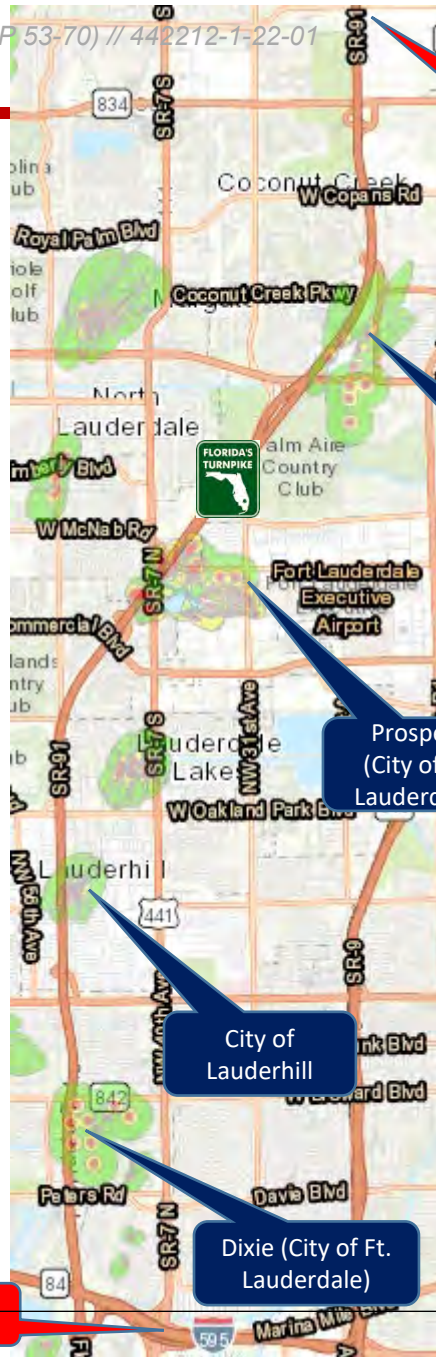
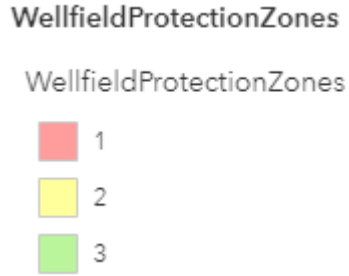
PD&E WIDEN TPK FROM I-595 TO WILES RD (8 TO 70 LNS) (MP 53-70) // 4/22/12-1-22-01

# Hillsboro Canal Basin (Sample Rd. To Wiles Rd.)



# Adjacent Wellfields

ROAD & WIDEN TPK FROM I-595 TO WILES RD (8 TO 10 LNS) (MP 53-70) // 442212-1-22-01



End Project

City of Pompano Beach

Prospect (City of Ft. Lauderdale)

City of Lauderhill

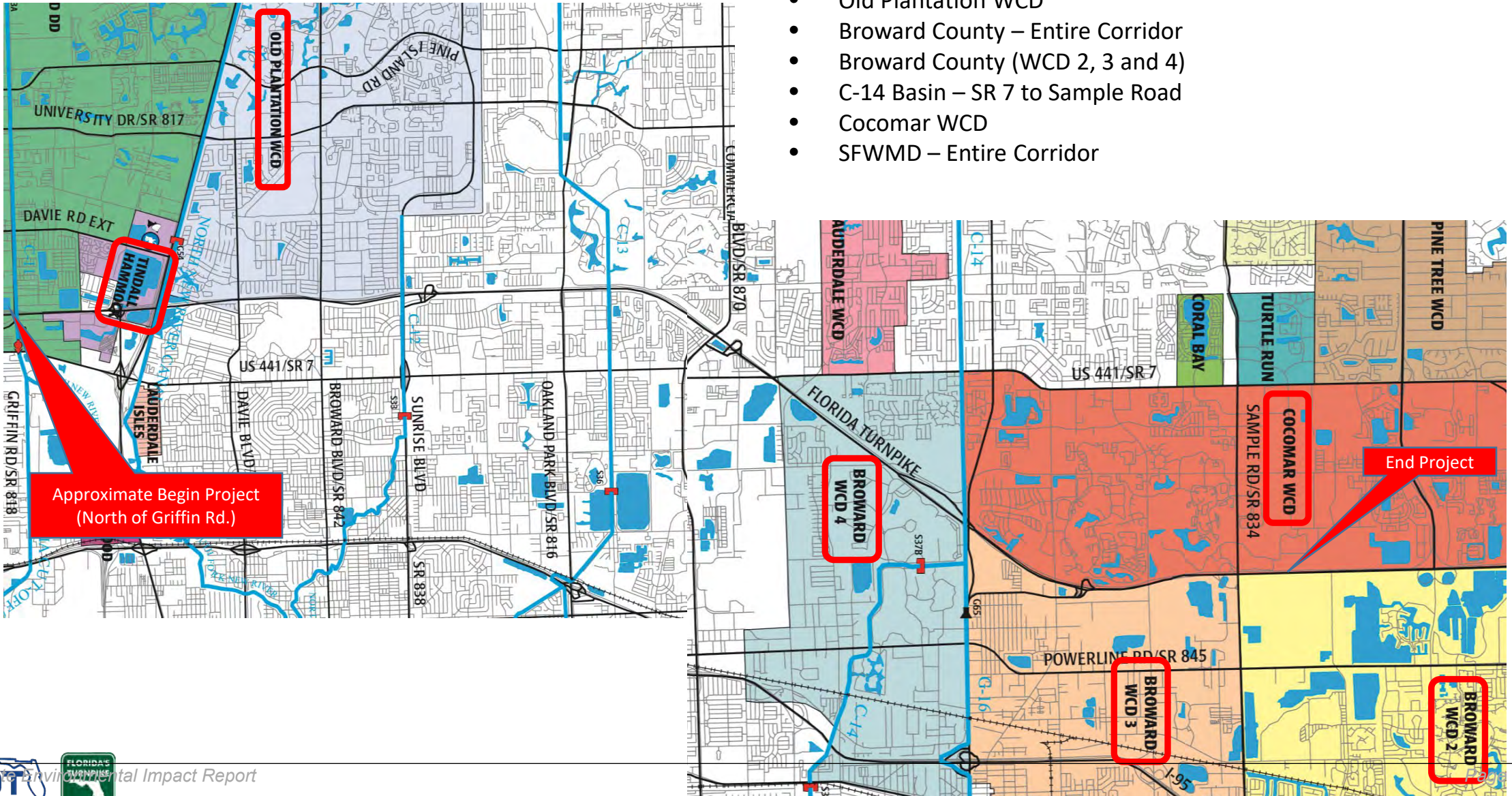
Dixie (City of Ft. Lauderdale)

Begin Project



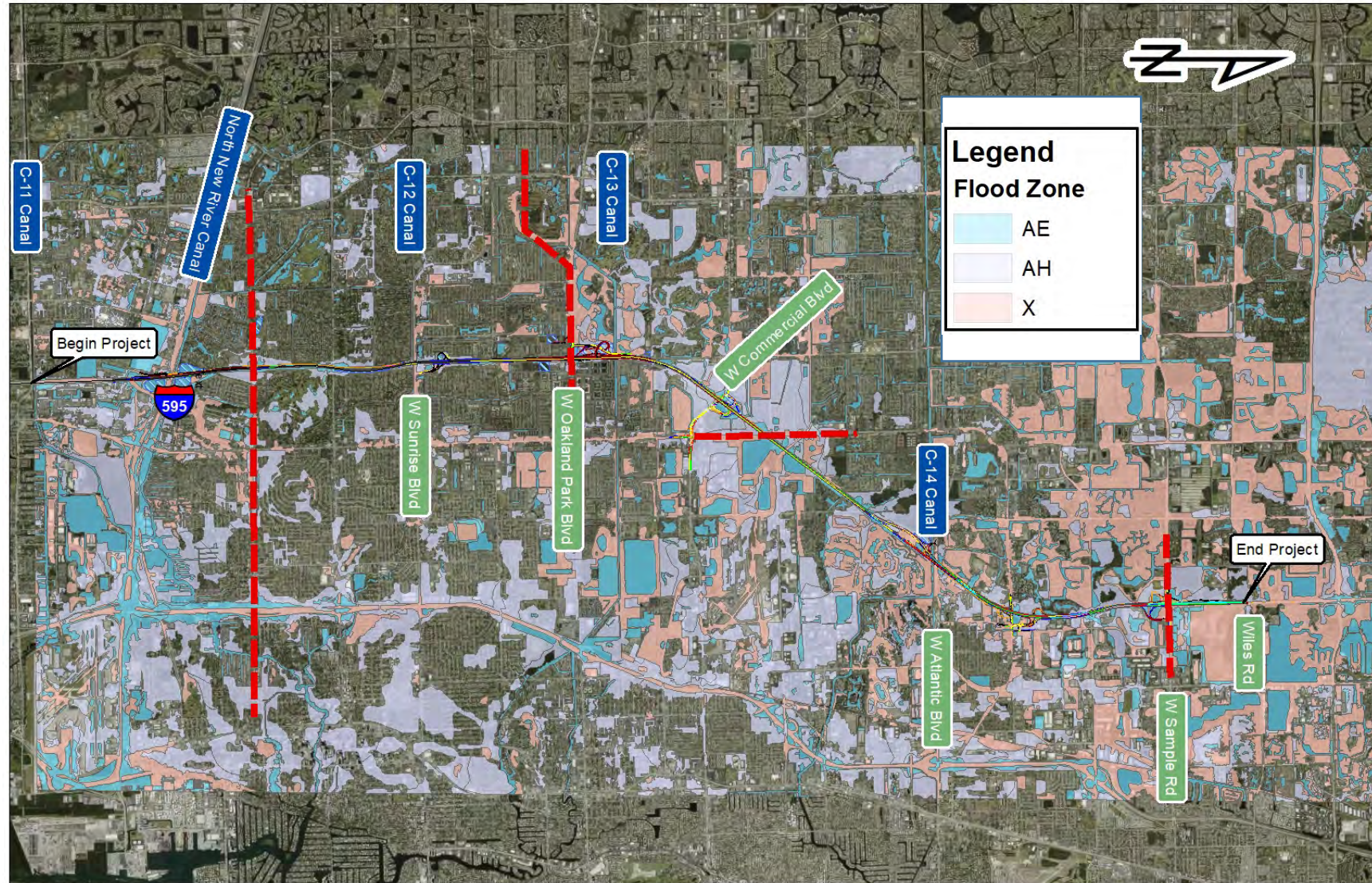
# Drainage Stakeholders

- Tindall Hammack
- Old Plantation WCD
- Broward County – Entire Corridor
- Broward County (WCD 2, 3 and 4)
- C-14 Basin – SR 7 to Sample Road
- Cocomar WCD
- SFWMD – Entire Corridor





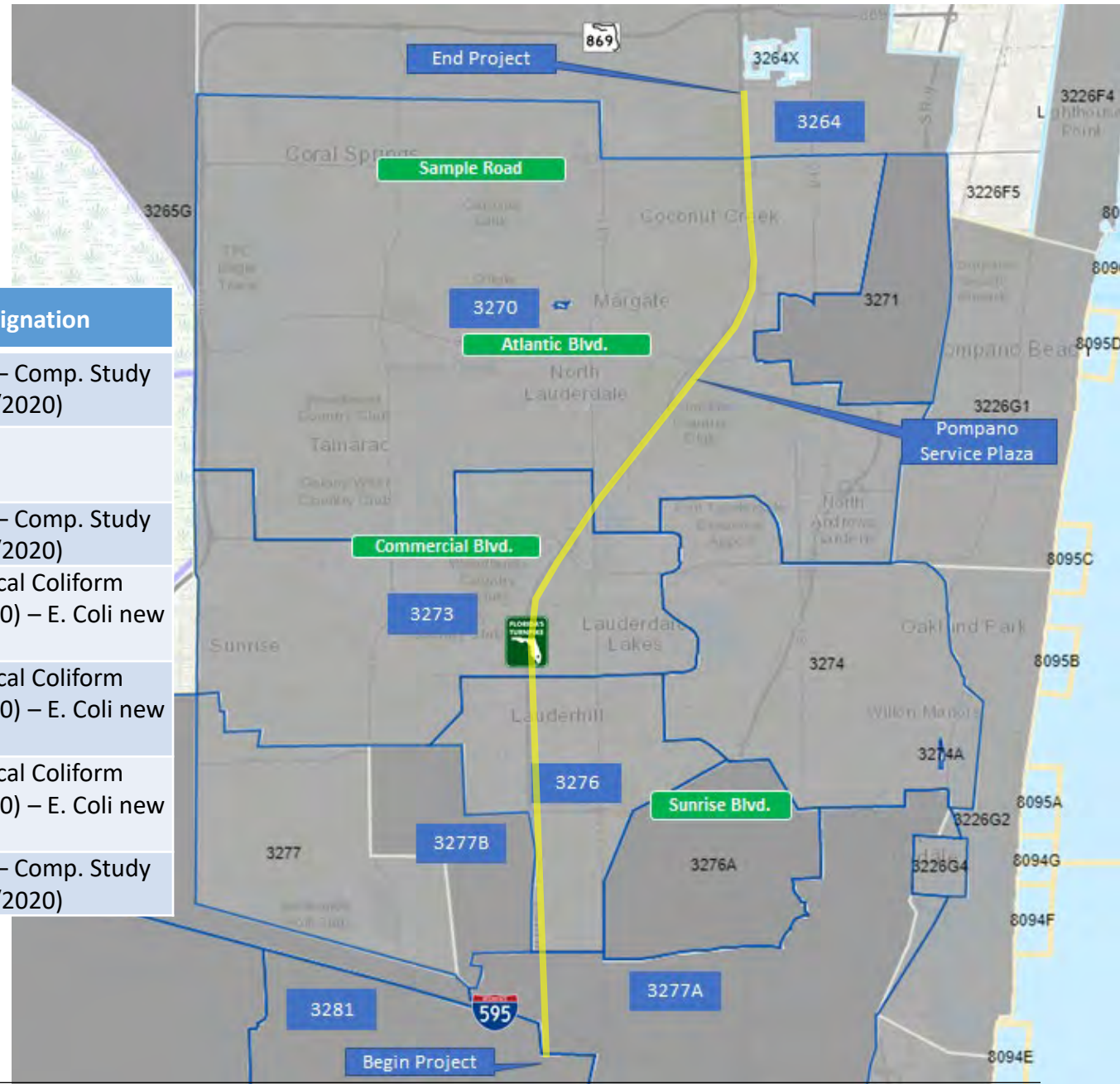
# Floodplain and Location Hydraulics





# Impaired Water Bodies

WBID	Outfall	Direct Discharge	Impairment	Designation
3281	C-11 Canal	No	Dissolved Oxygen	Unverified – Comp. Study List (07/02/2020)
3277A	New River Canal	Yes	Copper	Verified
3277B	Holloway Canal	No	Dissolved Oxygen	Unverified – Comp. Study List (07/02/2020)
3276	C-12 Canal	Yes	None	Delisted Fecal Coliform (06/03/2020) – E. Coli new parameter
3273	C-13 Canal	Yes	None	Delisted Fecal Coliform (06/03/2020) – E. Coli new parameter
3270	C-14 Canal	Yes	None	Delisted Fecal Coliform (06/03/2020) – E. Coli new parameter
3264	Hillsboro Canal	No	Dissolved Oxygen	Unverified – Comp. Study List (07/02/2020)





# Anticipated Design Criteria

- Water Quality
  - Presumptive Only
  - Volume equal to additional impervious area plus previously permitted treatment
  - No nutrient removal based on current status of relevant WBID's
- Attenuation
  - Pre/Post peak discharge attenuation 25-year/72-hour frequency storm event
- Floodplain Encroachment
  - Compensation to demonstrate no adverse impacts

# Shared Stormwater Management Opportunities

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- Regional or Joint-use opportunities
- Relevant Comprehensive Everglades Restoration Projects

# Anticipated Permits During Design Phase

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- State SFWMD
  - ROW Occupancy
  - Water Use
  - Individual Environmental Resource Permit
- Federal
  - USACE 404 – Retained Waters
  - USACE 408 – North New River, C-12, C-13 & C-14
  - USCG Bridge (North New River)
  - NMFS – Essential Fish Habitat Coordination





**Florida Department of Transportation**

**RON DESANTIS**  
GOVERNOR

Florida's Turnpike Enterprise  
P.O. Box 613069, Ocoee, FL 34761  
407-532-3999

**KEVIN J. THIBAUT, P.E.**  
SECRETARY

## National Marine Fisheries Service Technical Assistance Meeting


**PROJECT:** Turnpike Mainline Widening PD&E Study (FPID#: 442212-1-22-01)  
From South of I-595 to Wiles Road MP 53 to MP 70  
Broward County

**MEETING DATE:** June 1, 2021

**MEETING TIME:** 1:00 P.M.

**LOCATION:** Microsoft Teams

**ATTENDEES:**

Pace Wilber, PhD	NMFS
Jennifer Schull	NMFS
Annemarie Hammond	FTE
Philip Stein  11/10/21	FTE
Doug Zang, AICP	FTE (Atkins GEC)
Jazlyn Heywood, PE	FTE (Atkins GEC PM)
Fred Gaines, PWS	FTE (Atkins GEC)
Lisa Stone, PE	Kimley-Horn PM
Chris Dailey	RS&H Environmental Lead

- **Introductions**
- **Project Description and Discussion**

FTE staff provided an introduction that this is a follow-up to an interagency meeting that was held on May 20, 2021. NMFS was unable to attend the May 20, 2021 meeting, so this technical assistance meeting was scheduled.

RS&H staff described the PD&E project limits and proposed improvements through the corridor. The attached slides were used to illustrate the proposed improvements. Below is a summary of the improvements discussed:

- North New River Basin
  - New bridge structure over North New River
  - North New River is tidal and includes navigational clearances.
  - North New River in this area is armored with grout-filled mattress in the vicinity of Florida's Turnpike.

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FTE staff noted that the C-12, C-13, and C-14 canal crossings are all behind a salinity barrier. NMFS staff provided concurrence that project impacts upstream of salinity barriers are not NMFS trust resources.

RS&H staff notes that the proposed improvements at North New River would include new piles, matching the existing piles, in the North New River.

NMFS staff notes that this project crossing is a few miles upstream from natural shoreline. NMFS staff asked if the bottom of the North New River is armored? RS&H noted that no benthic survey has been conducted in this location.

FTE staff notes that standard construction precautions for marine mammals would be implemented during construction, and this area does not appear to be suitable smalltooth sawfish habitat.

NMFS staff notes that it is unlikely that this project would affect Endangered Species Act (ESA). NMFS staff notes that it is up to the applicant to make effect determinations, but they do not see a significant issue with species here. FTE suggested a preliminary No Effect determination, and NMFS agreed that sounded reasonable. From an EFH perspective, NMFS staff notes that there could be potential habitat for white shrimp. NMFS staff notes that the lead federal agency would need to ask for consultation because the project is tidal, but unless unexpected seagrass meadow is discovered during permitting, there should not be a significant EFH issue.

FTE staff asked about potential seagrass mitigation approach, if needed. NMFS staff notes that seagrass mitigation bank credits are rare. NMFS staff notes that it would be unlikely to discover a seagrass meadow in this location, but we need to do the due diligence to look.

NMFS staff notes that there may be red mangroves on the shoreline, and if mangroves are within project proposed impacts, then additional coordination with NMFS should occur.

FTE staff notes that there may be a need to match the existing navigational lighting. NMFS staff notes that if there is an opportunity to avoid lighting, that would be preferred. If USCG requires lighting, NMFS staff concurred that it should be included.

**Meeting concluded at approximately 1:22 PM.**

**Action Item:**

Scope activities to address potential NMFS resources during design.

**Attachments: Detailed maps and slides**

# PROJECT DEVELOPMENT AND ENVIRONMENT (PD&E) STUDY FOR THE WIDENING OF FLORIDA'S TURNPIKE (STATE ROAD 91) FROM SOUTH OF I-595 TO WILES ROAD

## AGENCY PRE-APPLICATION MEETING

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MAY 20, 2021

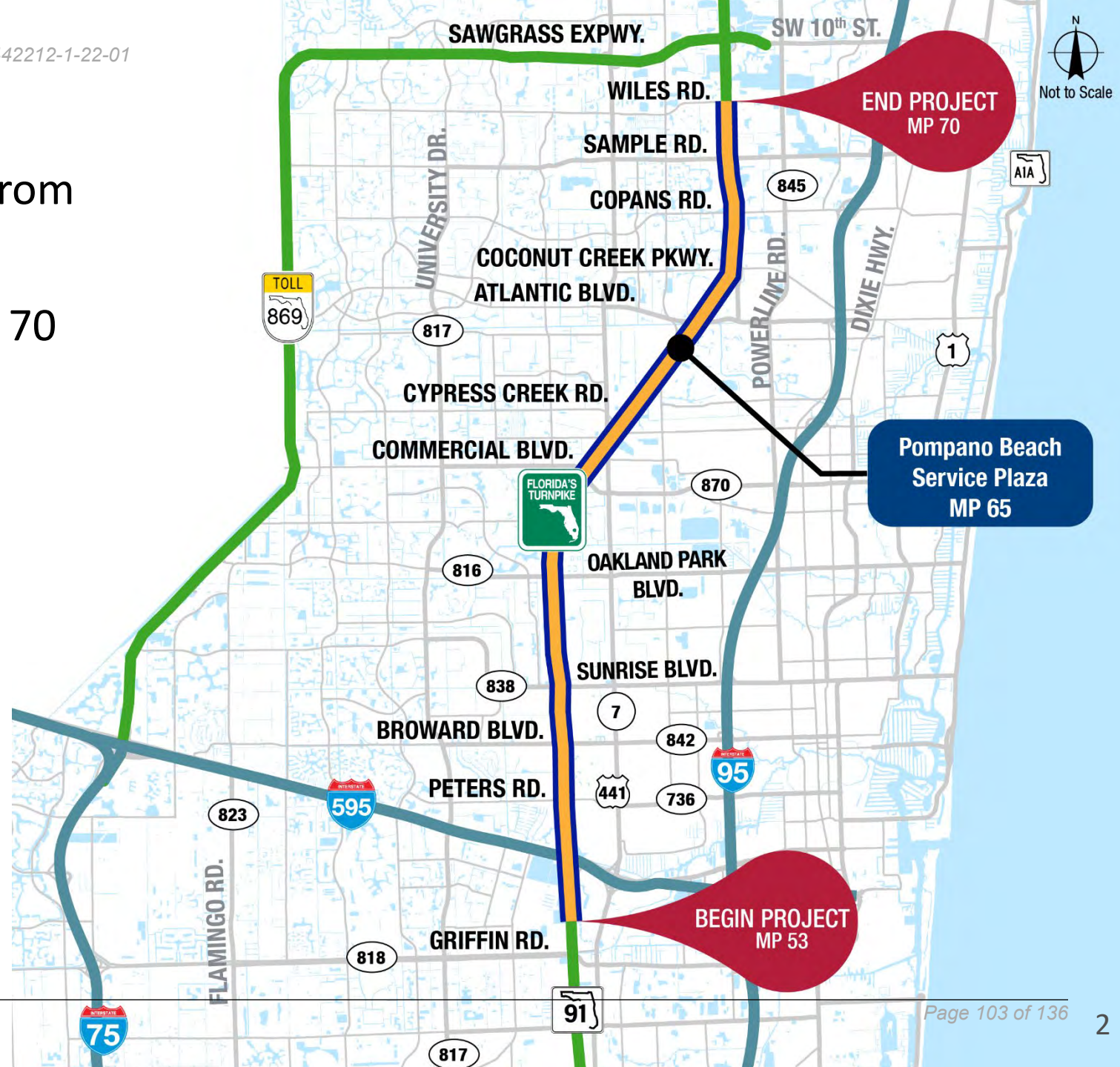
DETAILED MAPS AND EXHIBITS

Broward County, FL



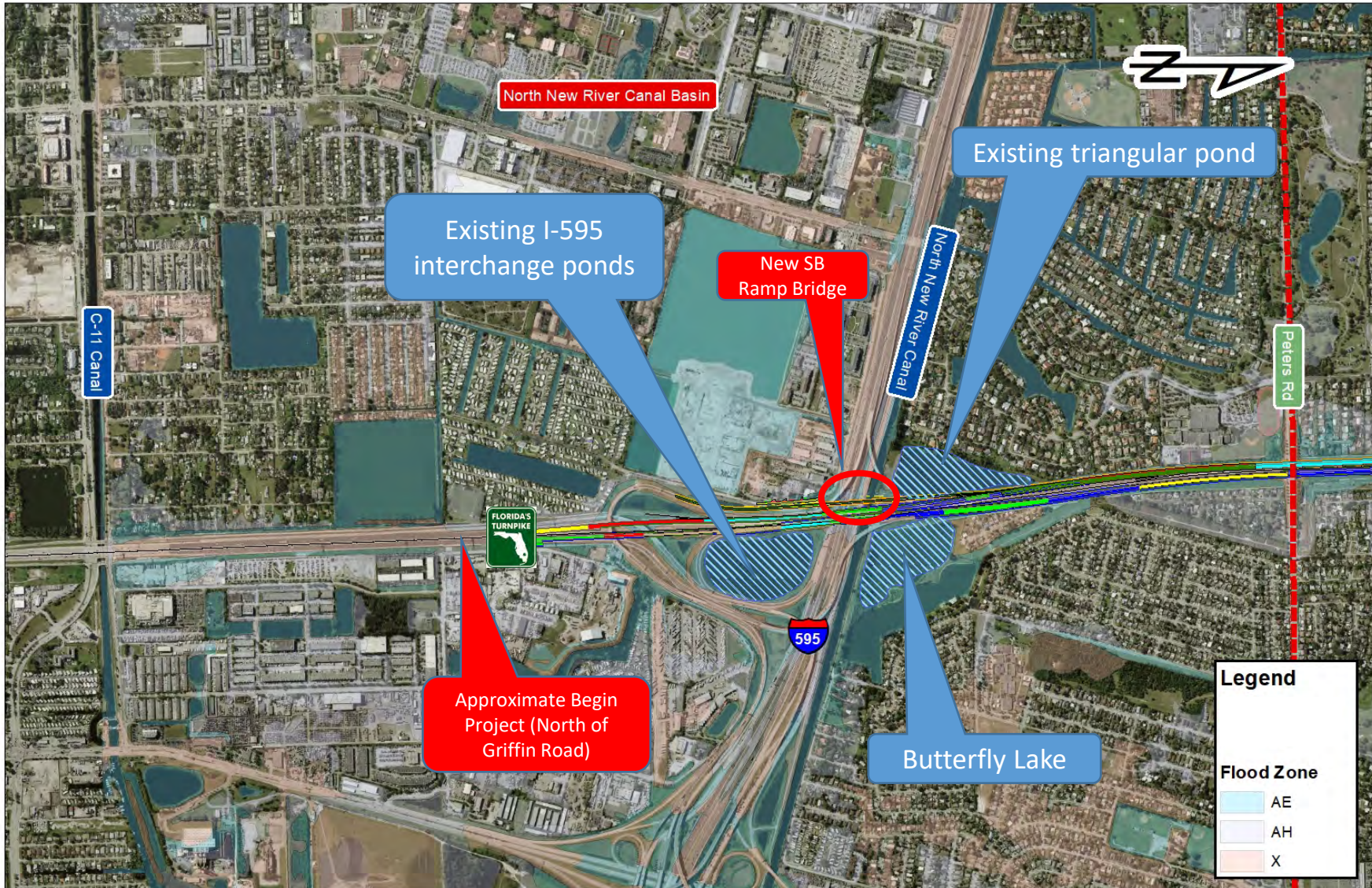
# STUDY LIMITS

- Florida's Turnpike (State Road 91) from south of I-595 to Wiles Road
- Milepost (MP) 53 to Milepost (MP) 70
- Distance of approximately 17 miles





# North New River Basin (Begin Project to Peters Rd.)

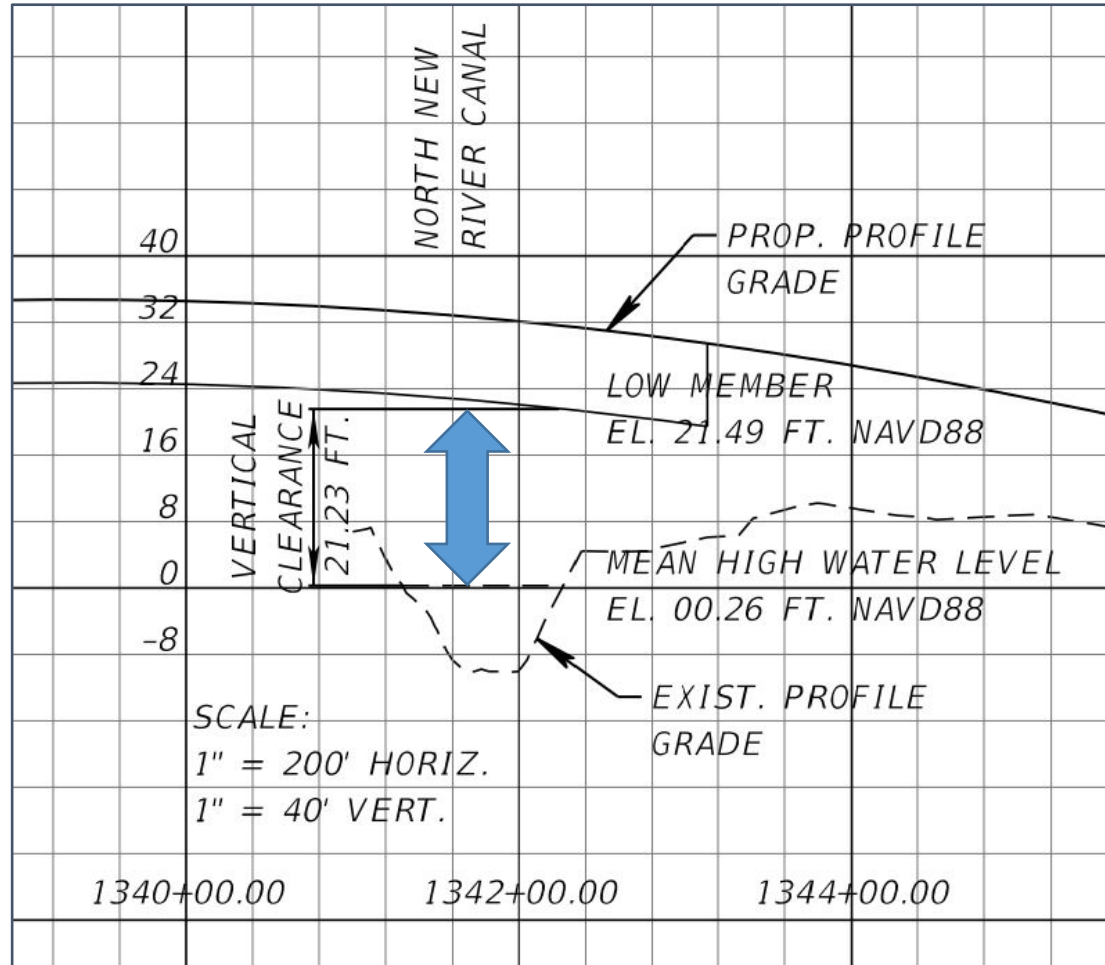
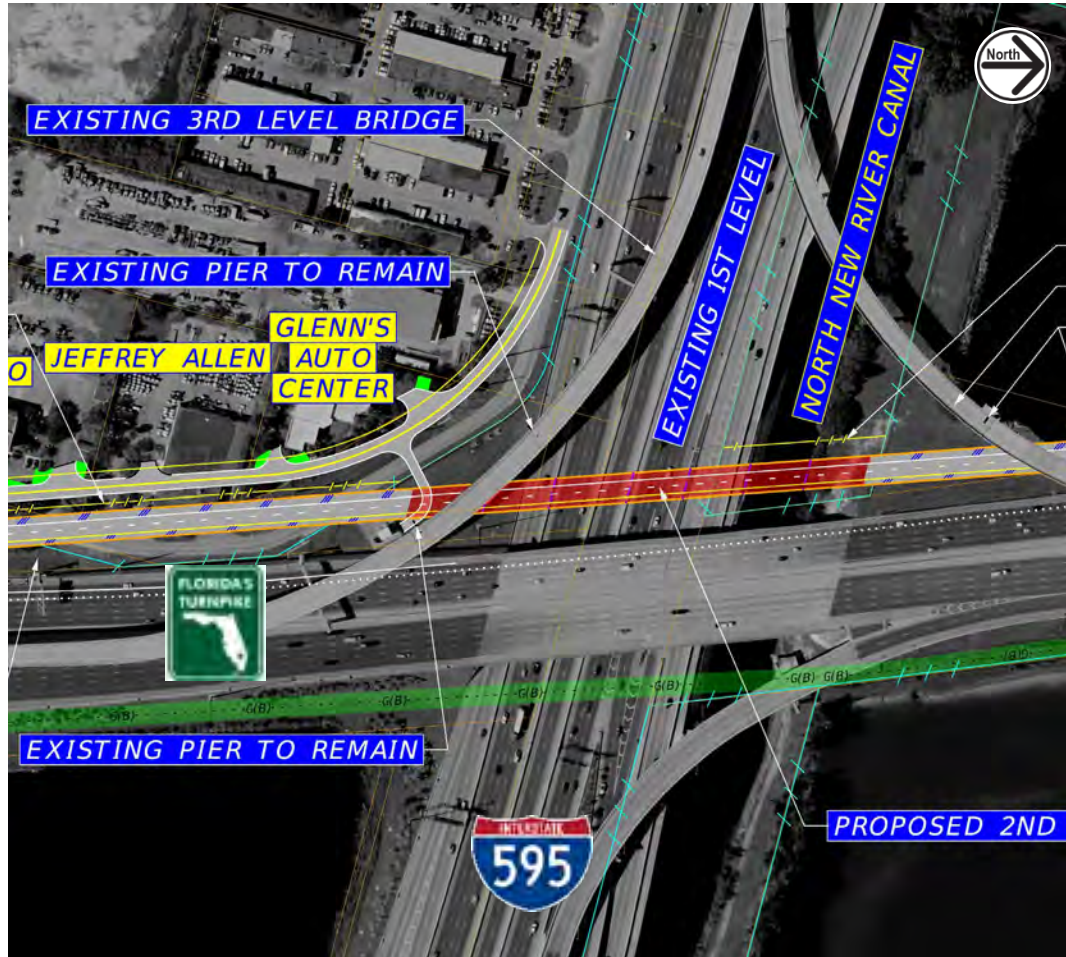




# PD&E WIDEN TPK FROM I-595 TO WILLES RD (8 TO 10 LNS) (MP 53-70) // 442212-1-22-01

## North New River Canal (Begin Project to Peters Rd)

- North New River Canal is tidally influenced
- Estimated vertical clearance is 21+'
- New bridge will match existing bridge span





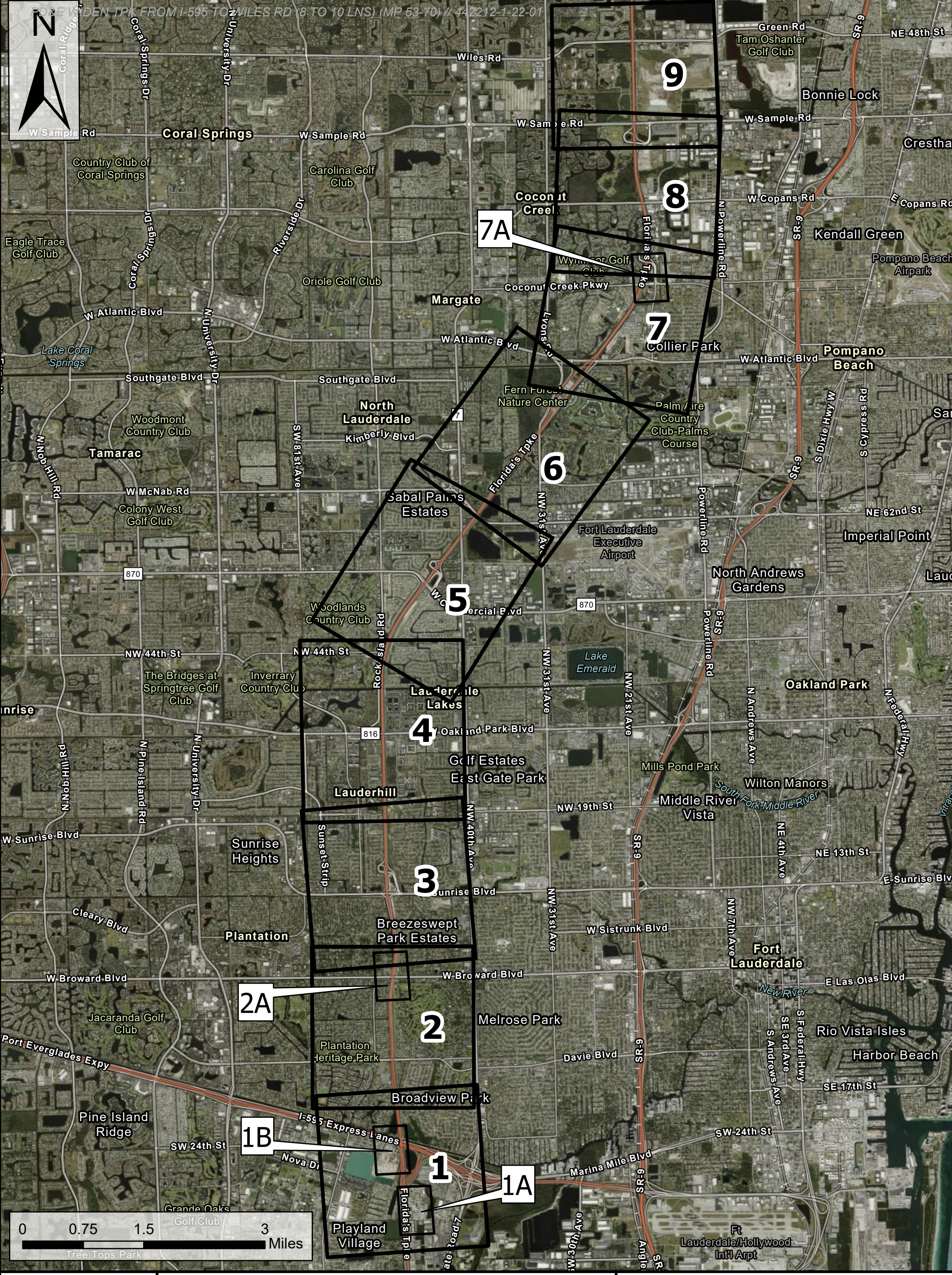
## **Physical Resources Appendix**

### Contents:

Potential Contamination Sites Map

Potential Contamination Sites Table





Potential Contamination Sites  
 Florida's Turnpike Mainline Widening from  
 South of I-595 to Wiles Road

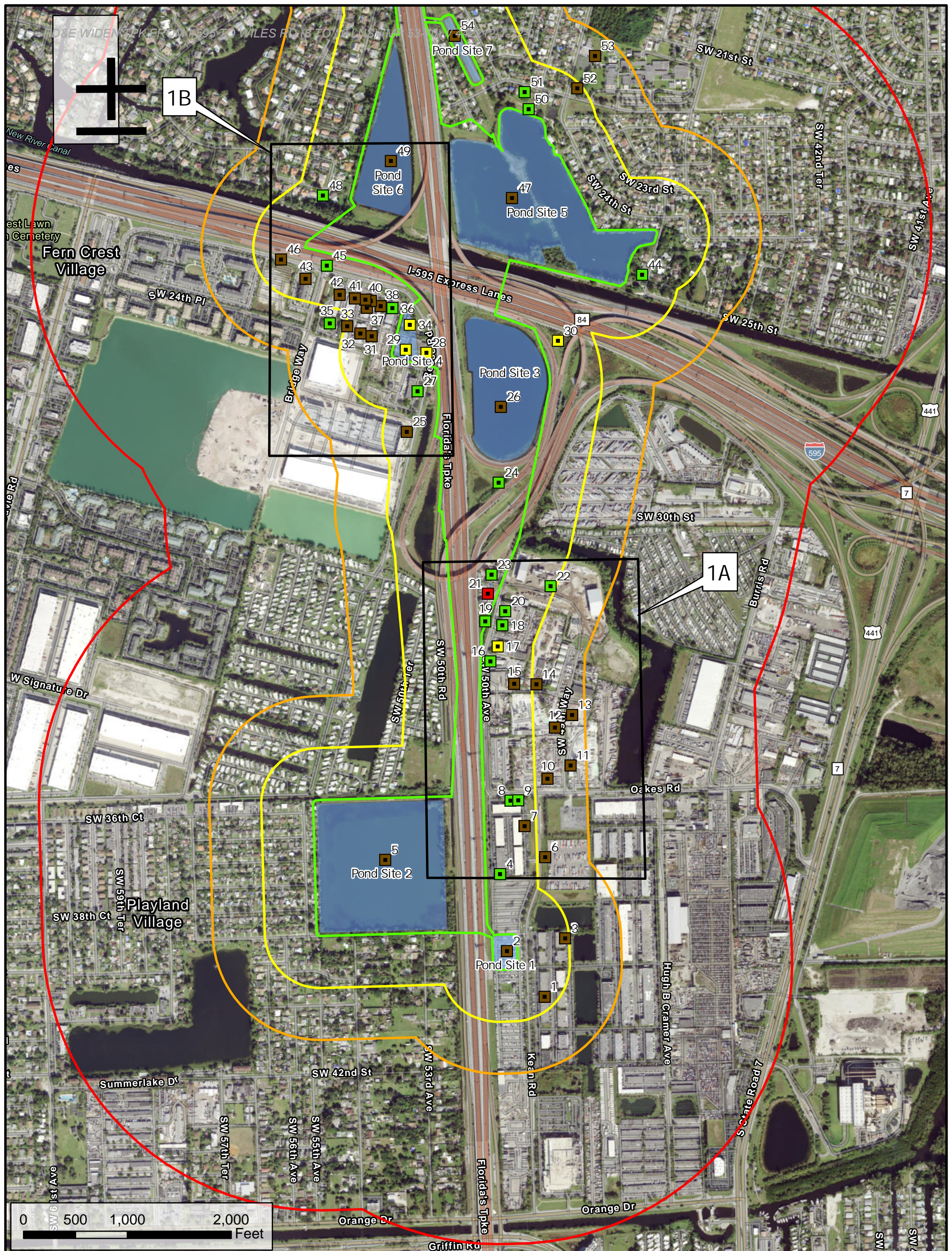
Figure B-1  
 Map Sector

Legend

Map Sectors with ID







Potential Contamination Sites  
 Florida's Turnpike Mainline Widening from  
 South of I-595 to Wiles Road

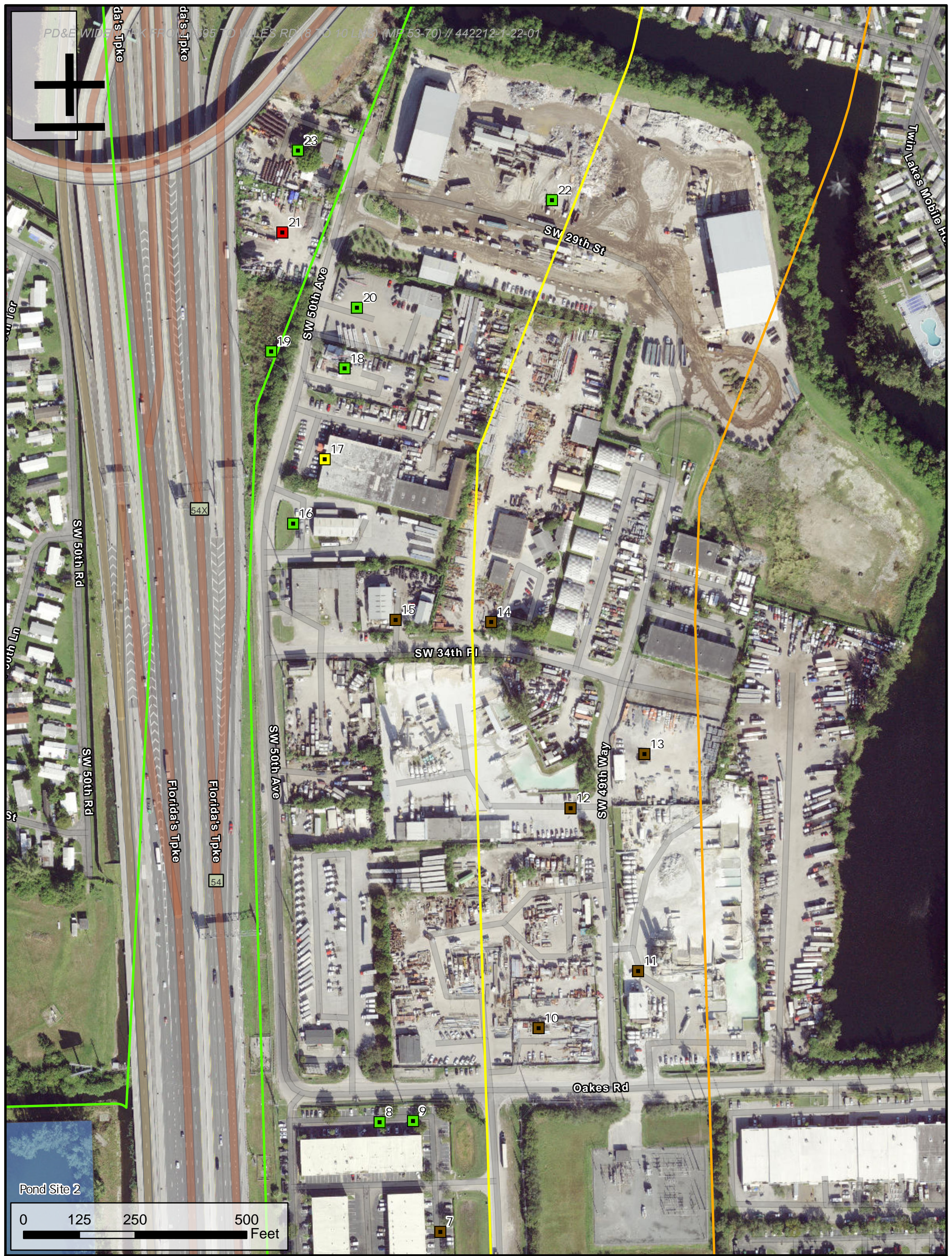
Figure B-2  
 Map Sector 1

Legend

- Project Limits
- 500 Foot Buffer
- 1,000 Foot Buffer
- 0.5 Mile Buffer
- Proposed Ponds
- Inset Map Sectors with ID
- 4 Low Risk Rating with Site Number
- 17 Medium Risk Rating with Site Number
- 21 High Risk Rating with Site Number
- 1 No Risk Rating with Site Number







Potential Contamination Sites  
 Florida's Turnpike Mainline Widening from  
 South of I-595 to Wiles Road

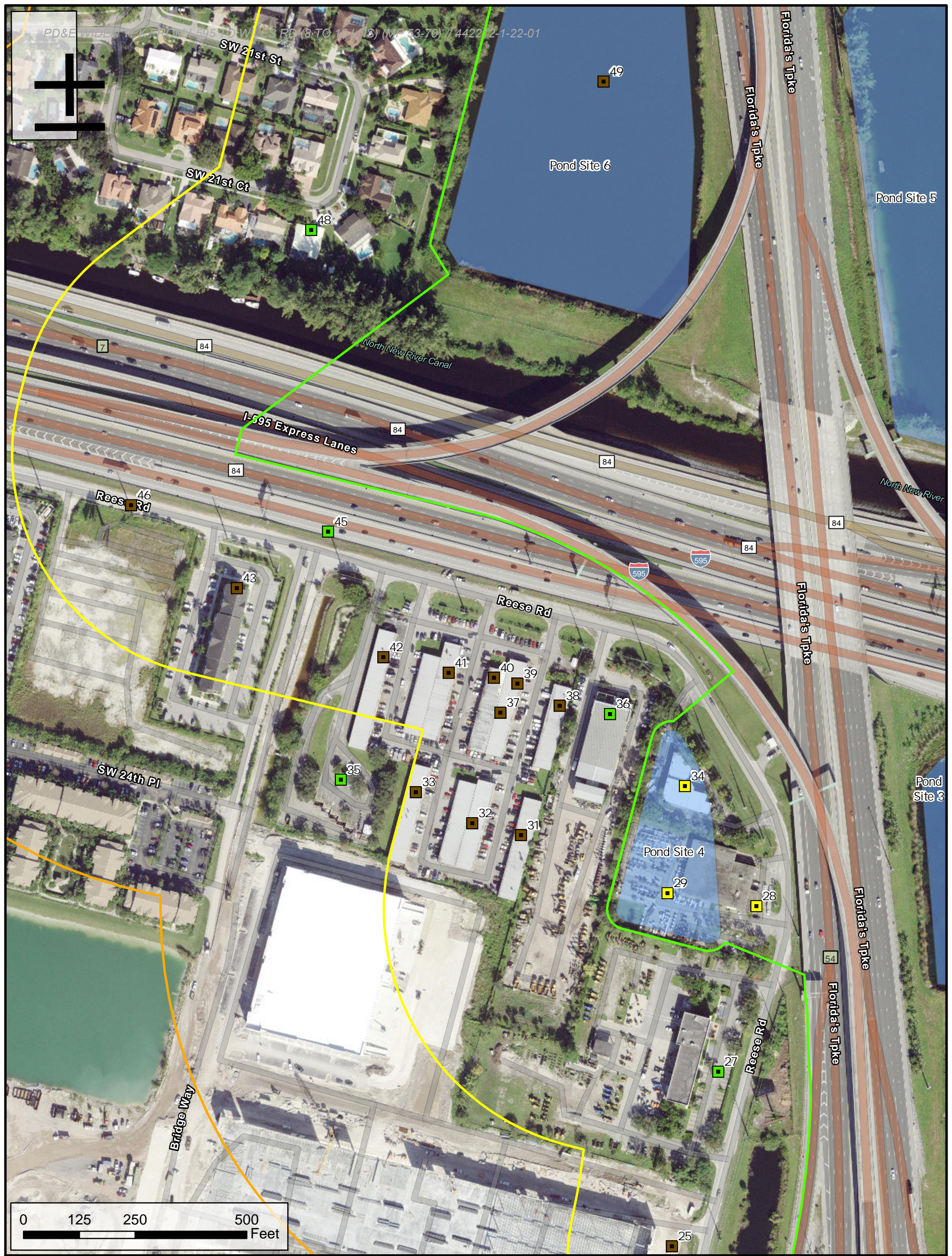
Figure B-3  
 Map Sector 1A

Legend

- ▬ Project Limits
- ▬ 500 Foot Buffer
- ▬ 1,000 Foot Buffer
- ▬ 0.5 Mile Buffer
- ▬ Proposed Ponds
- 4 ■ Low Risk Rating with Site Number
- 17 ■ Medium Risk Rating with Site Number
- 21 ■ High Risk Rating with Site Number
- 1 ■ No Risk Rating with Site Number







Potential Contamination Sites  
 Florida's Turnpike Mainline Widening from  
 South of I-595 to Wiles Road

Figure B-4  
 Map Sector 1B



Legend

- ▭ Project Limits
- ▭ 500 Foot Buffer
- ▭ 1,000 Foot Buffer
- ▭ 0.5 Mile Buffer
- ▭ Proposed Ponds
- 4 ■ Low Risk Rating with Site Number
- 17 ■ Medium Risk Rating with Site Number
- 21 ■ High Risk Rating with Site Number
- 1 ■ No Risk Rating with Site Number





Potential Contamination Sites  
 Florida's Turnpike Mainline Widening from  
 South of I-595 to Wiles Road

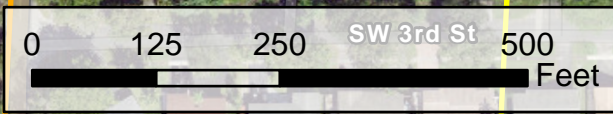
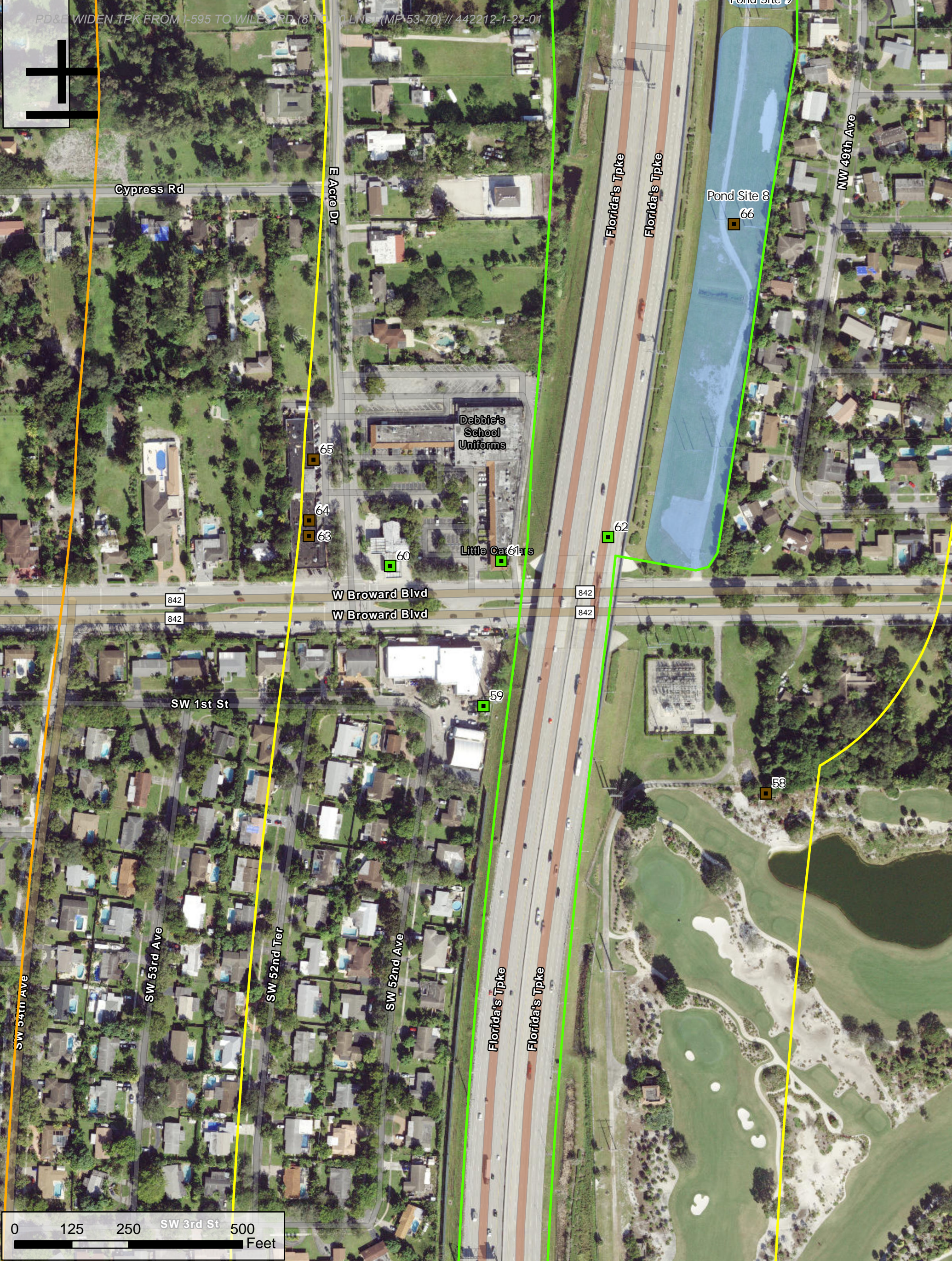
Figure B-5  
 Map Sector 2

Legend

- ▬ Project Limits
- ▬ 500 Foot Buffer
- ▬ 1,000 Foot Buffer
- ▬ 0.5 Mile Buffer
- ▭ Proposed Ponds
- Inset Map Sectors with ID
- 4 ■ Low Risk Rating with Site Number
- 17 ■ Medium Risk Rating with Site Number
- 21 ■ High Risk Rating with Site Number
- 1 ■ No Risk Rating with Site Number





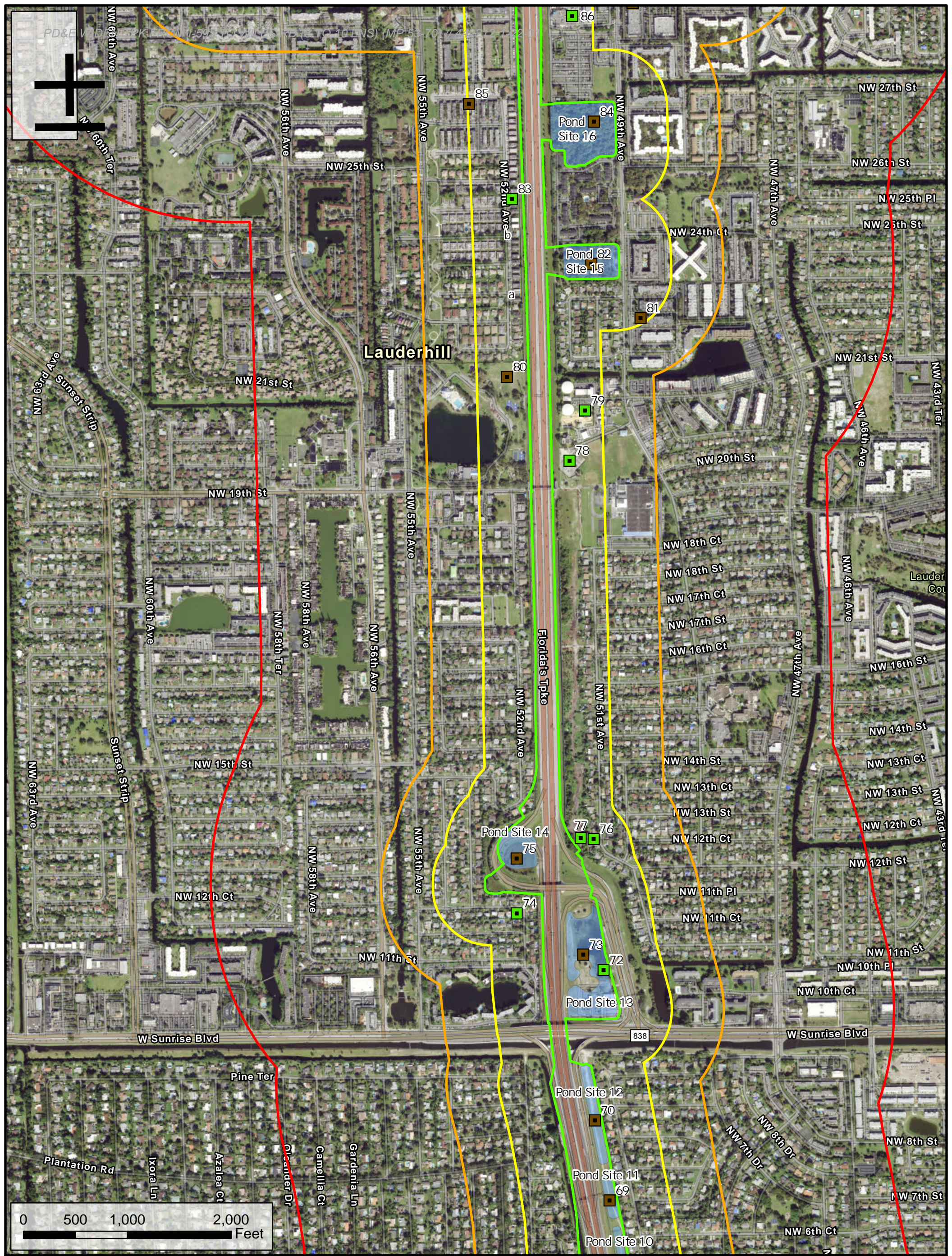


Potential Contamination Sites  
 Florida's Turnpike Mainline Widening from  
 South of I-595 to Wiles Road

Figure B-6  
 Map Sector 2A

Legend	
	Project Limits
	500 Foot Buffer
	1,000 Foot Buffer
	0.5 Mile Buffer
	Proposed Ponds
4	Low Risk Rating with Site Number
17	Medium Risk Rating with Site Number
21	High Risk Rating with Site Number
1	No Risk Rating with Site Number





Potential Contamination Sites  
 Florida's Turnpike Mainline Widening from  
 South of I-595 to Wiles Road

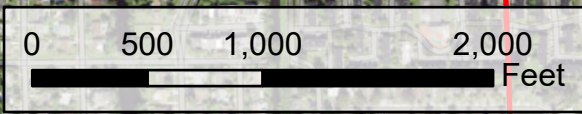
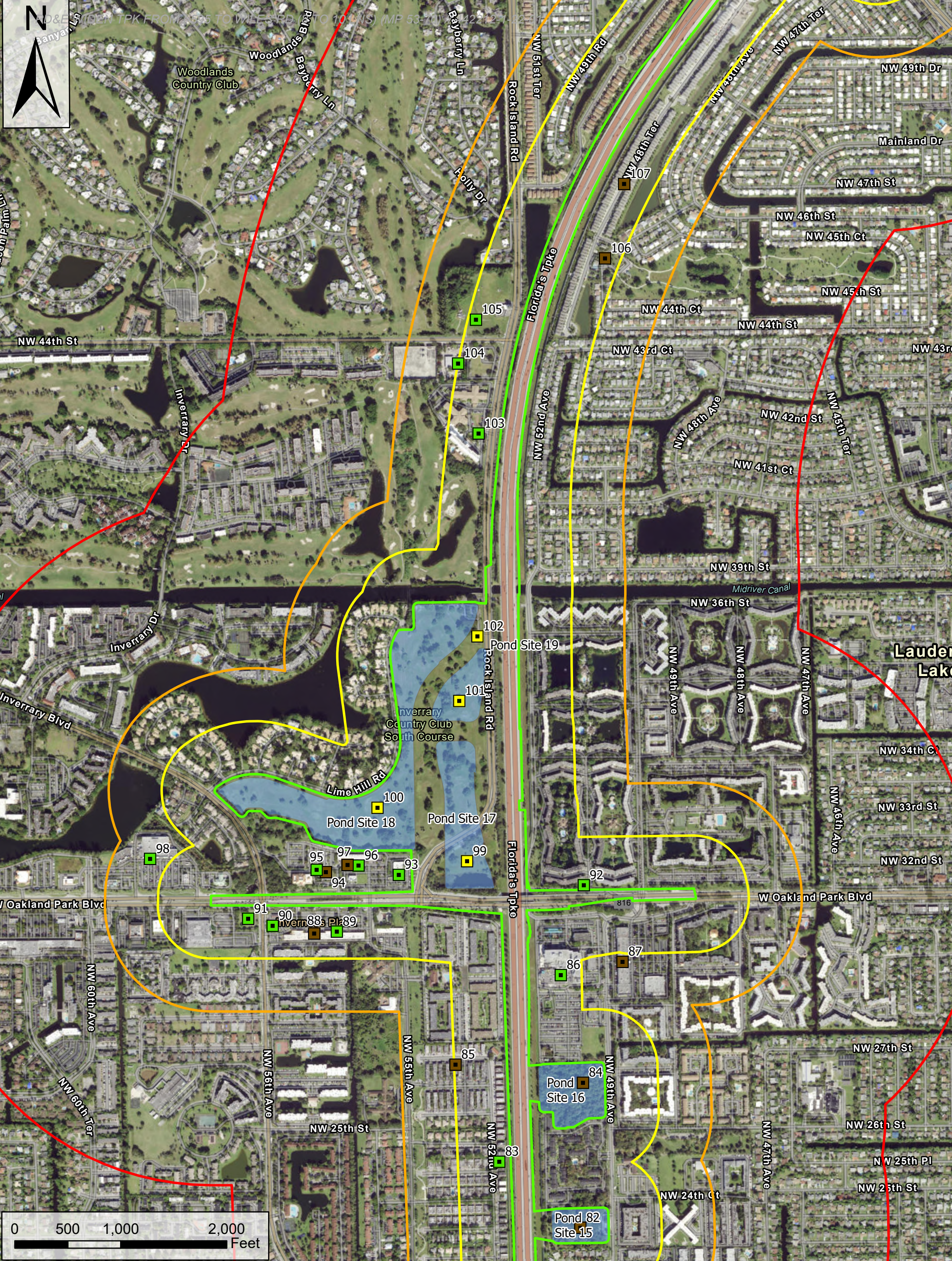
Figure B-7  
 Map Sector 3

Legend

- ▬ Project Limits
- ▬ 500 Foot Buffer
- ▬ 1,000 Foot Buffer
- ▬ 0.5 Mile Buffer
- ▭ Proposed Ponds
- 4 ■ Low Risk Rating with Site Number
- 17 ■ Medium Risk Rating with Site Number
- 21 ■ High Risk Rating with Site Number
- 1 ■ No Risk Rating with Site Number







Potential Contamination Sites  
 Florida's Turnpike Mainline Widening from  
 South of I-595 to Wiles Road

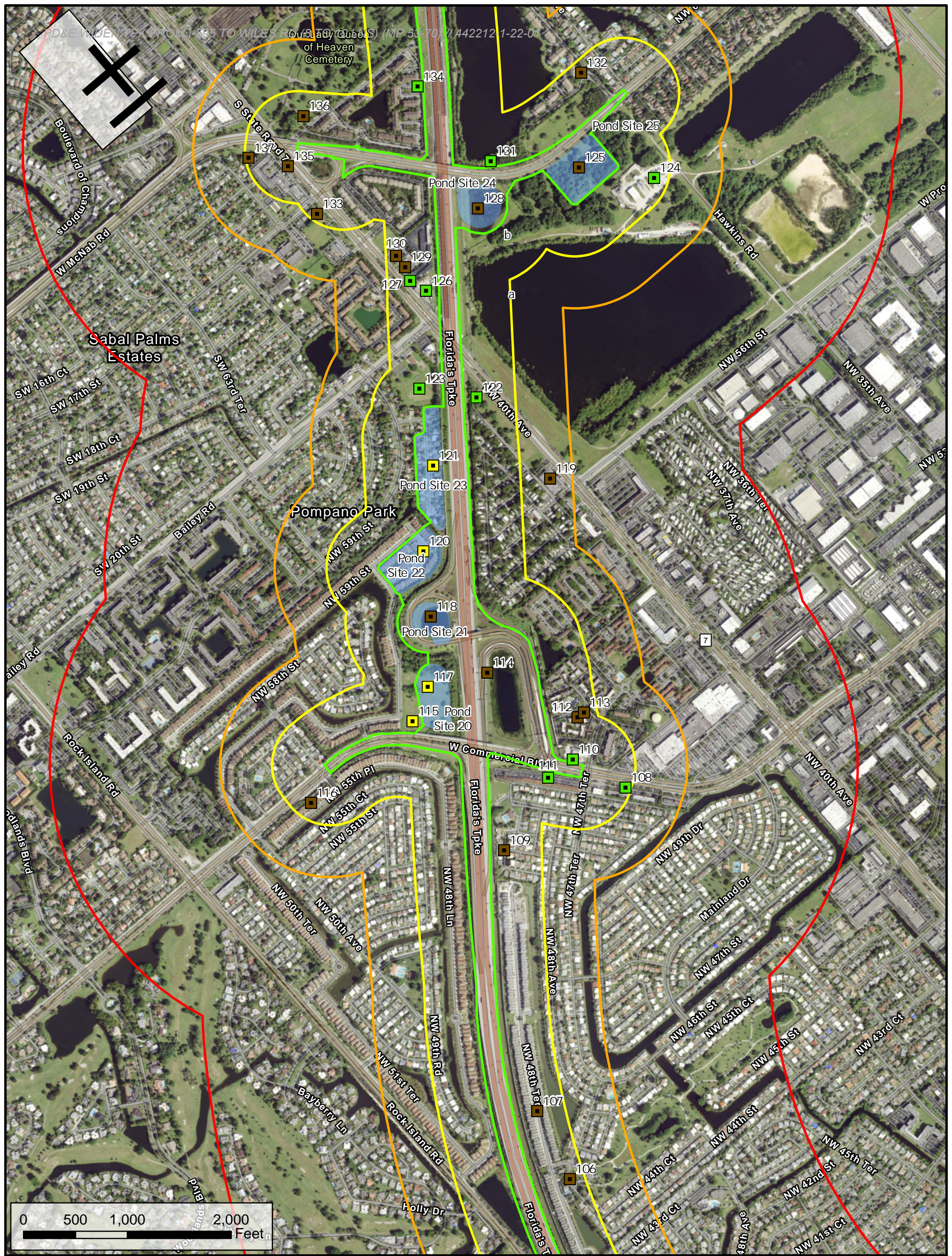
Figure B-8  
 Map Sector 4

Legend

	Project Limits
	500 Foot Buffer
	1,000 Foot Buffer
	0.5 Mile Buffer
	Proposed Ponds
	4 Low Risk Rating with Site Number
	17 Medium Risk Rating with Site Number
	21 High Risk Rating with Site Number
	1 No Risk Rating with Site Number







Potential Contamination Sites  
 Florida's Turnpike Mainline Widening from  
 South of I-595 to Wiles Road

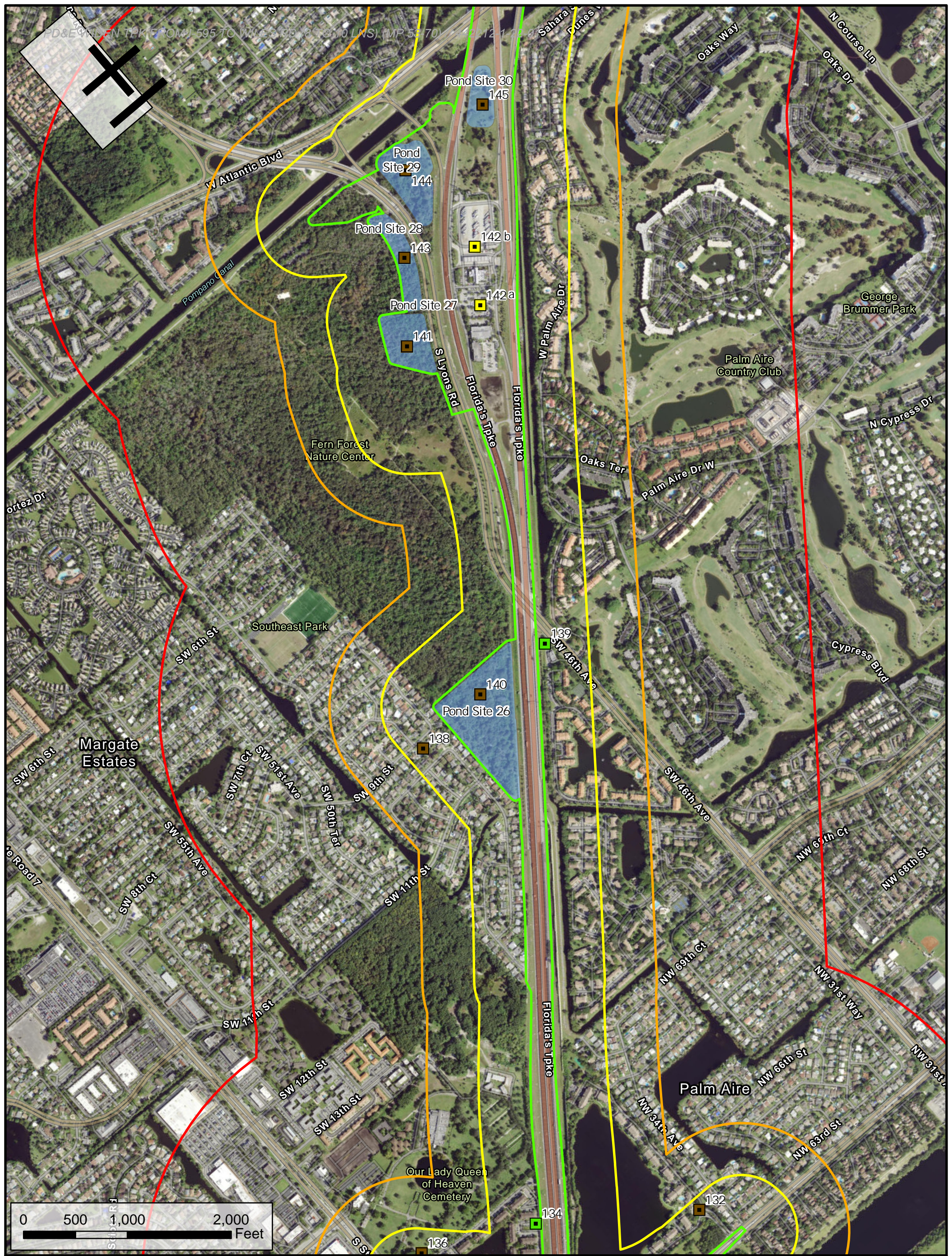
Figure B-9  
 Map Sector 5

Legend

- Project Limits
- 500 Foot Buffer
- 1,000 Foot Buffer
- 0.5 Mile Buffer
- Proposed Ponds
- 4  Low Risk Rating with Site Number
- 17  Medium Risk Rating with Site Number
- 21  High Risk Rating with Site Number
- 1  No Risk Rating with Site Number







Potential Contamination Sites  
 Florida's Turnpike Mainline Widening from  
 South of I-595 to Wiles Road

Figure B-10  
 Map Sector 6



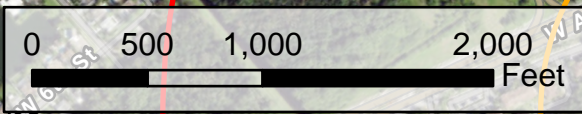
Legend

- ▭ Project Limits
- ▭ 500 Foot Buffer
- ▭ 1,000 Foot Buffer
- ▭ 0.5 Mile Buffer
- ▭ Proposed Ponds
- 4 ■ Low Risk Rating with Site Number
- 17 ■ Medium Risk Rating with Site Number
- 21 ■ High Risk Rating with Site Number
- 1 ■ No Risk Rating with Site Number





7A

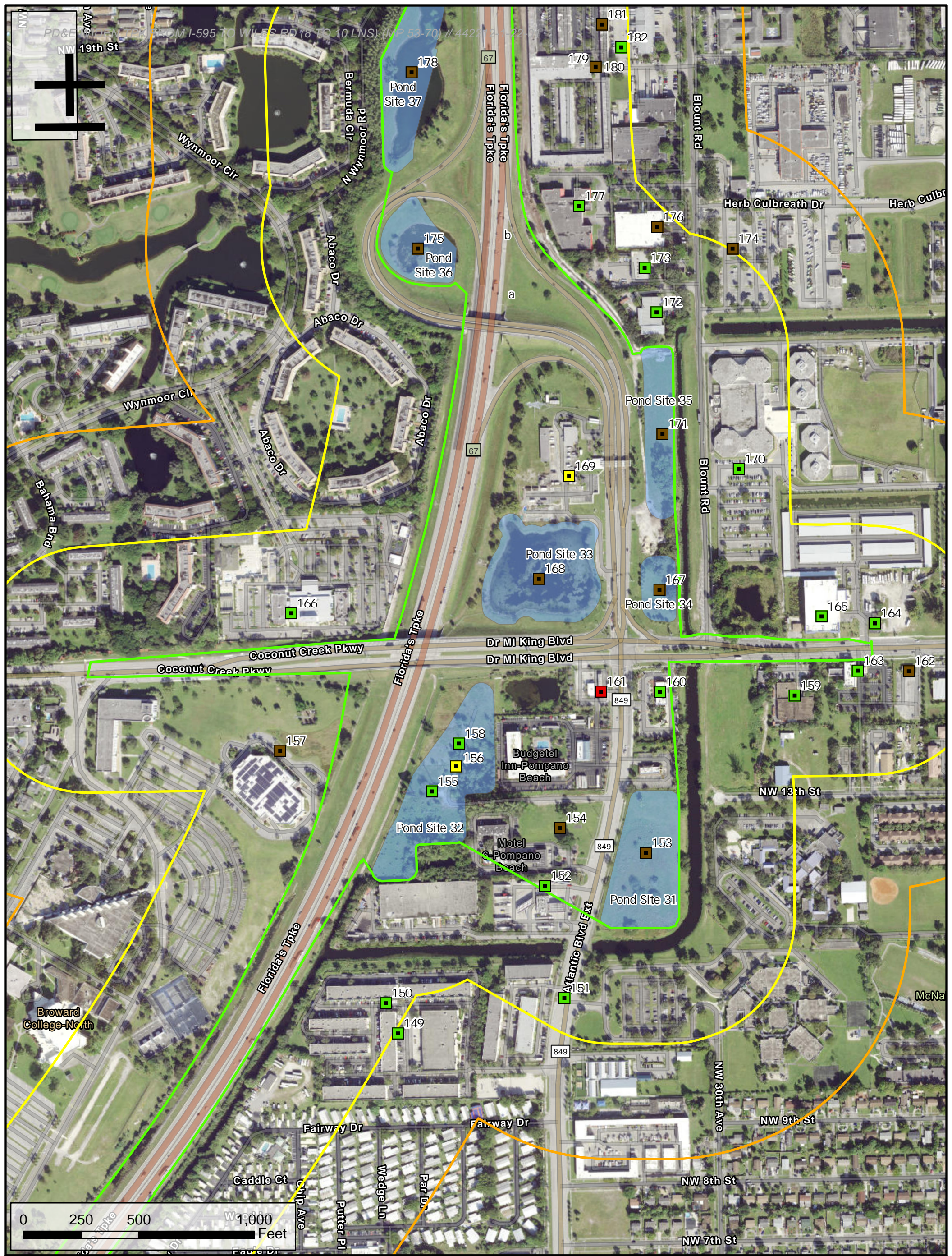


Potential Contamination Sites  
 Florida's Turnpike Mainline Widening from  
 South of I-595 to Wiles Road

Figure B-11  
 Map Sector 7

- Legend
- ▬ Project Limits
  - ▬ 500 Foot Buffer
  - ▬ 1,000 Foot Buffer
  - ▬ 0.5 Mile Buffer
  - ▭ Proposed Ponds
  - ▭ Inset Map Sectors with ID
  - 4 ■ Low Risk Rating with Site Number
  - 17 ■ Medium Risk Rating with Site Number
  - 21 ■ High Risk Rating with Site Number
  - 1 ■ No Risk Rating with Site Number





Potential Contamination Sites  
 Florida's Turnpike Mainline Widening from  
 South of I-595 to Wiles Road

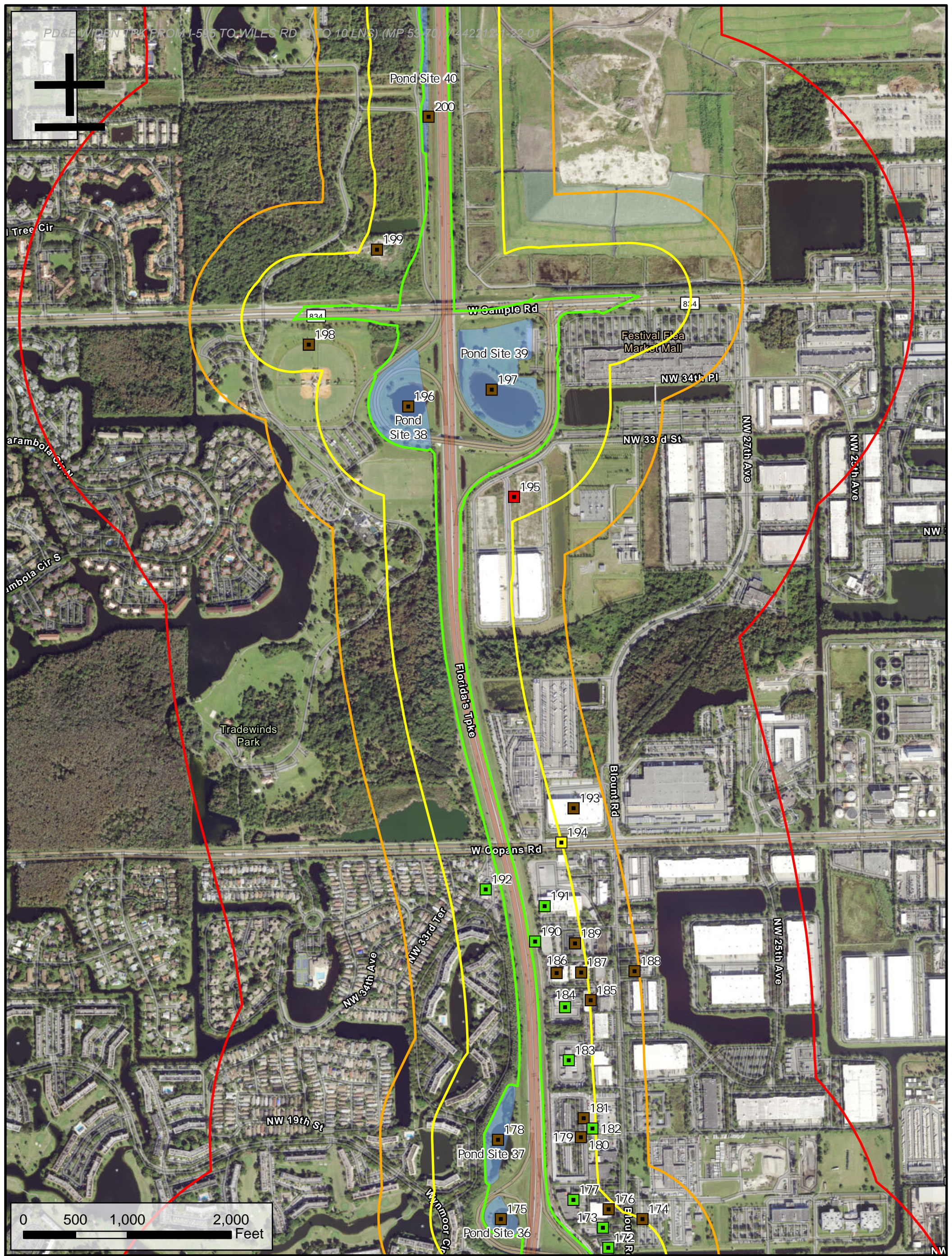
Figure B-12  
 Map Sector 7A



Legend

- Project Limits
- 500 Foot Buffer
- 1,000 Foot Buffer
- 0.5 Mile Buffer
- Proposed Ponds
- 4  Low Risk Rating with Site Number
- 17  Medium Risk Rating with Site Number
- 21  High Risk Rating with Site Number
- 1  No Risk Rating with Site Number





Potential Contamination Sites  
 Florida's Turnpike Mainline Widening from  
 South of I-595 to Wiles Road

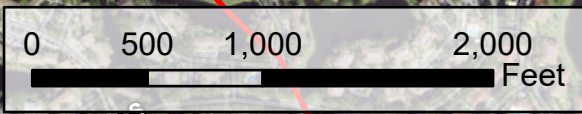
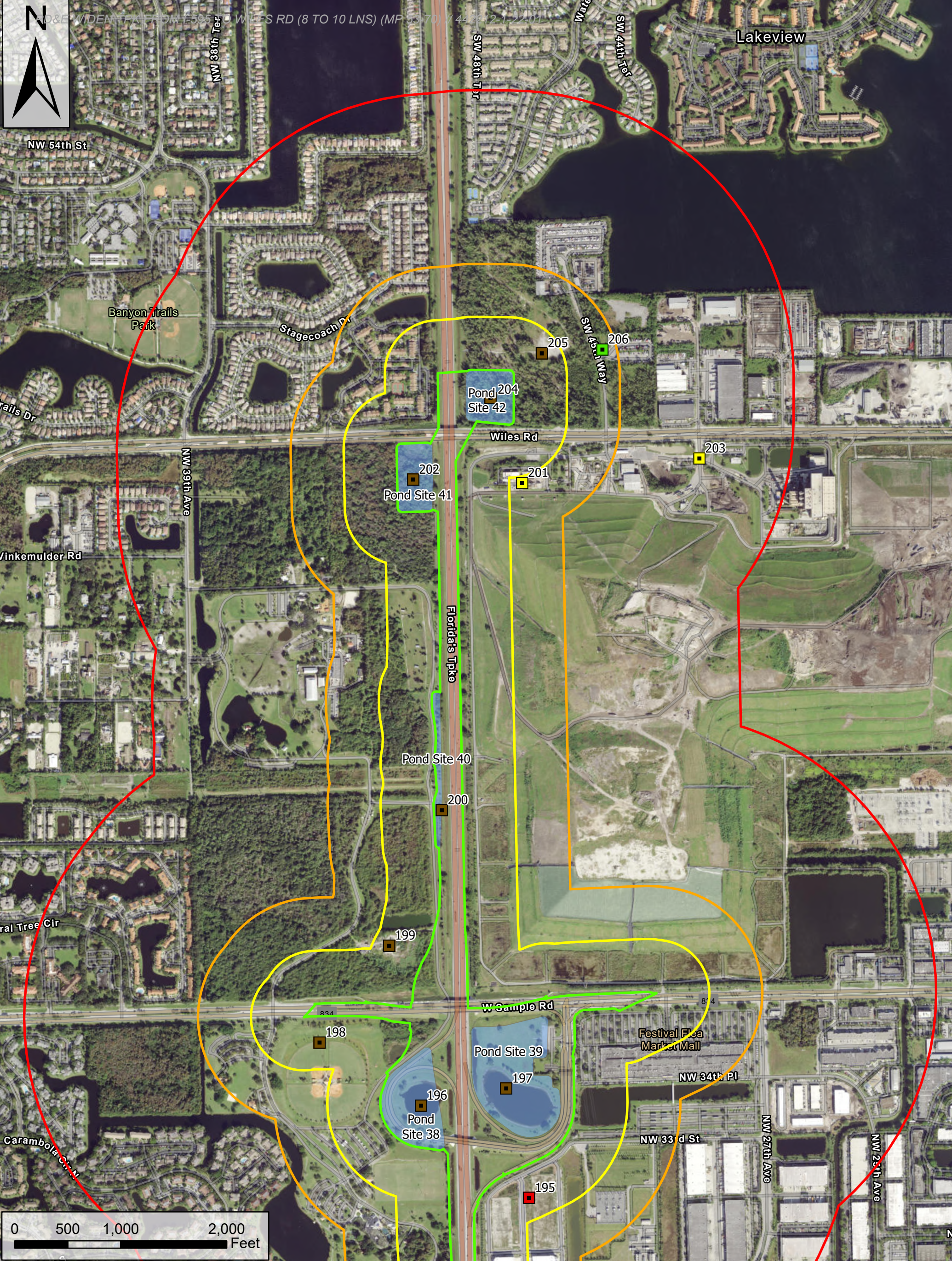
Figure B-13  
 Map Sector 8

Legend

- ▭ Project Limits
- ▭ 500 Foot Buffer
- ▭ 1,000 Foot Buffer
- ▭ 0.5 Mile Buffer
- ▭ Proposed Ponds
- 4 ■ Low Risk Rating with Site Number
- 17 ■ Medium Risk Rating with Site Number
- 21 ■ High Risk Rating with Site Number
- 1 ■ No Risk Rating with Site Number







Potential Contamination Sites  
 Florida's Turnpike Mainline Widening from  
 South of I-595 to Wiles Road

Figure B-14  
 Map Sector 9

Legend	
	Project Limits
	500 Foot Buffer
	1,000 Foot Buffer
	0.5 Mile Buffer
	Proposed Ponds
4	Low Risk Rating with Site Number
17	Medium Risk Rating with Site Number
21	High Risk Rating with Site Number
1	No Risk Rating with Site Number



**Table B-1 Potential Contamination Sites  
Florida Turnpike from I-595 to Wiles Road**

12/2/22 SITE NO.	EDR NO.	PHOTO NUMBERS	FIGURE NUMBERS	SITE NAME	ADDRESS	PARCEL NUMBERS	LATITUDE (Decimal Degrees)	LONGITUDE (Decimal Degrees)	FACILITY ID (EPA / FDEP / BCEPD)	SELECTION RATIONALE	FACILITY TYPE	APPROXIMATE DISTANCE TO NEAREST POINT OF PROJECT CORRIDOR (FEET)	CONTAMINATION CONCERN	REMEDIATION STATUS	CONTAMINATION RISK RATING	RECOMMENDATION	RATIONALE FOR RISK RATING	SITE RECONNAISSANCE NOTES
1	384, 385	NA	B-2	Sterling Marine Systems	3700 Hacienda Blvd Fort Lauderdale Fl 33314	504125080010	26.071928	-80.213699	10611	Broward County HM	Office/Light Industrial Business Park	385	Not Specified	NA	No	None	This site is assigned a No risk rating since it has no documented contamination according to the EDR and it is not adjacent to the corridor.	Not located. Web search indicates Sterling Marine is located at 4081 SW 47th Ave #10, Fort Lauderdale, FL 33314 (within 500 feet of Pond Site 1).
2	None	NA	B-2	Broward County Impound Parking Lot?	4700 Block of Hacienda Blvd.	504125080011	26.073143	-80.214795	Not Assigned	Site Reconnaissance	Parking Lot	Within Project Corridor	Not Specified	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and there were no signs of contamination sources.	No access, site is secured. No sources of contamination observed. Proposed pond site. Location used as the Broward County Impound Lot?
3	None	NA	B-2	Former Professional Cleaners, Inc.	45833931 SW 47th Ave #102, Lauderdale Fl	504125193140	26.07347	-80.213085	9801183	Dry Cleaner	Office	461	Not Specified	NA	No	None	This site is assigned a No risk rating since it has no documented contamination according to the EDR and it is not adjacent to the corridor.	Currently Stafford-Smith, Inc. (Foodservice equipment design, engineering, and consulting). No monitoring wells observed.
4	None	NA	B-2, B-3	Sherwin Williams Branch #9275	3750 Hacienda Blvd. Ste I, Davie Fl	504125080010	26.075182	-80.214985	FLR000057026	Broward County HM	Paint Store	137	Hazardous Waste	NA	Low	None	This site is assigned a Low Risk rating since it does not have documented contamination and is adjacent to the corridor.	Active. No monitoring wells observed.
5	None	NA	B-2, B-3	Existing Stormwater Pond	NE of SW 55th Ave and SW 39th St	504126010010	26.075577	-80.218349	Not Assigned	Site Reconnaissance	Stormwater Pond	Within Project Corridor	None	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and there were no signs of contamination sources.	Existing pond site.
6	326, 327	NA	B-2, B-3	FPL Hacienda Site Development Project	3898 Kean Rd., Davie Fl 33314	504125310020	26.075624	-80.213657	FLR105Z38	NPDES	Truck Storage	577	Petroleum	NA	No	None	This site is assigned a No risk rating since it has no documented contamination according to the EDR and is not adjacent to the corridor.	Truck storage yard. No access.
7	383	NA	B-2, B-3	Marine International Diesels, Inc.	3600 Hacienda Blvd, Ste G, Davie Fl 33314	504125080010	26.076449	-80.214255	19748	Broward County HM	Office/Light Industrial Business Park	388	Petroleum	NA	No	None	This site is assigned a No risk rating since it has no documented contamination according to the EDR and it is not adjacent to the corridor.	Active. No monitoring wells observed.
8	219, 220, 221	NA	B-2, B-3	Cross Environmental Services, Inc.	5000 Oakes Rd. Ste E, Davie Fl 33314-2119	504125080010	26.077127	-80.214665	RCRA NonGen / NLR 1027219977 FLR000252999	RCRA Non Gen; FINDS; ECHO	Office/Light Industrial Business Park	259	Mercury	NA	Low	None	This site is assigned a Low risk rating since it has no documented contamination according to the EDR and is adjacent to the corridor.	Environmental & demolition services.
9	225, 226	NA	B-2, B-3	Former Quest Medical	5000 Oakes Road Ste A Davie Fl 0	504125080010	26.077133	-80.214437	FLR000252999	VSQG	Office/Light Industrial Business Park	334	Hazardous Waste	NA	Low	None	This site is assigned a Low risk rating since it has no documented contamination according to the EDR and it is adjacent to the corridor.	Currently New Tech Industries, Inc. (full service stocking data communications distributor).
10	437	NA	B-2, B-3	Former Florida Quality Truss, Inc.	5061 SW 36th St, Davie Fl 33314	504124170012	26.0777	-80.213576	7534	Broward County HM	Equipment Storage Yard	621	Not Specified	NA	No	None	This site is assigned a No risk rating since it has no documented contamination according to the EDR and it is not adjacent to the corridor.	Truss engineering and manufacturing. Currently Signal Technology, Inc. (electrical and general contractor that offers a variety of traffic signal services). Appears to be several abandoned vehicles (junk/scrap yard).
11	468	NA	B-2, B-3	Barreiro Concrete Materials, Inc.	3570 SW 49th Way, Davie Fl 33314	504124100200	26.078048	-80.212895	AIRS: 112076; 8944982; Broward County HM: 02037; NPDES: FLG110348	AIRS; Financial Assurance; Broward County HM; NPDES	Concrete Plant	848	Petroleum	NA	No	None	This site is assigned a No risk rating since it has no documented contamination according to the EDR and is not adjacent to the corridor.	Appears no ready-mix concrete process exists. Some concrete materials are stored.
12	448	NA	B-2, B-3	Supermix	3575 SW 49th Way, Davie Fl 33314	504124170014	26.079053	-80.213349	03816; NPDES: FLG110615	Broward County HM; NPDES	Concrete Plant	708	Not Specified	NA	No	None	This site is assigned a No risk rating since it has no documented contamination according to the EDR and is not adjacent to the corridor.	Active. No monitoring wells observed.
13	468	NA	B-2, B-3	Smith Fence Company	3450 SW 49th Way, Davie Fl 33314	504124100200	26.079384	-80.212843	21164	Broward County HM	Fence Manufacture	877	Not Specified	NA	No	None	This site is assigned a No risk rating since it has no documented contamination according to the EDR and is not adjacent to the corridor.	Active. No access.
14	None	NA	B-2, B-3	Baker Equipment & Materials, Ltd. (Form Works, Inc.)	4951 34th Pl., Davie Fl	504124100210	26.080203	-80.213883	15643	Broward County HM	Concrete Form Storage	542	Not Specified	NA	No	None	This site is assigned a No risk rating since it has no documented contamination according to the EDR and is not adjacent to the corridor.	Active. No access.
15	277	NA	B-2, B-3	Former HTS Industries, Inc.	4971 SW 34th Pl., Davie Fl 33314	504124100050	26.080219	-80.214535	12288	Broward County HM	Tire Service	329	Petroleum	NA	No	None	This site is assigned a No risk rating since it has no documented contamination according to the EDR and is not adjacent to the corridor.	Currently Miller Brothers Giant Tire Service, Inc.



**Table B-1 Potential Contamination Sites  
Florida Turnpike from I-595 to Wiles Road**

12/2/22 SITE NO.	EDR NO.	PHOTO NUMBERS	FIGURE NUMBERS	SITE NAME	ADDRESS	PARCEL NUMBERS	LATITUDE (Decimal Degrees)	LONGITUDE (Decimal Degrees)	FACILITY ID (EPA / FDEP / BCEPD)	SELECTION RATIONALE	FACILITY TYPE	APPROXIMATE DISTANCE TO NEAREST POINT OF PROJECT CORRIDOR (FEET)	CONTAMINATION CONCERN	REMEDIATION STATUS	CONTAMINATION RISK RATING	RECOMMENDATION	RATIONALE FOR RISK RATING	SITE RECONNAISSANCE NOTES
16	115	NA	B-2, B-3	Reefer Cool; Former Auto Recovery Service, Inc.; Former PLM Trailer Leasing	3290 SW 50th Ave, Davie Fl	504124100030	26.080816	-80.21523	EPA ID: FL0000554089; FINDS 110002520326	RCRA NonGen; FINDS; ECHO	Auto Repair / Office	91	Hazardous Waste	NA	Low	None	This site is assigned a Low risk rating since it has no documented contamination and is adjacent to the corridor.	Currently Reefer Cool, Inc. and PLM Trailer Leasing (Carrier Truck and Refrigeration units. Authorized dealer for mobile climate control. Truck Leasing).
17	145-147	17-1, 17-2	B-2, B-3	Mowrey Elevator Company, Inc.; Former Cross Environmental Services Inc; Former Compendium International/Broward Truck & Trailer	3300 SW 50th Ave Davie Fl	504137011084	26.08121088	-80.21501235	SPILLS: 8341; 01945	SPILLS; Broward County HM	Office / Repair Shop	157	Not Specified	NA	Medium	Level II - Soil and groundwater sampling for petroleum and VOCs	This site is assigned a Medium risk rating since it is adjacent to the corridor, has a documented spill on 11/06/2000, and is not a part of a cleanup program according to the EDR.	Active. No access.
18	112, 113	NA	B-2, B-3	C & C Waste Removal, Inc.	3510 SW 50th Ave, Davie Fl 33314	504125080010	26.08177	-80.214873	ERIC 8707; RP: 138107; Broward County HM: 05424	DWM Contamination; Responsible Party; Broward County HM	Parking lot	152	Not Specified	NA	Low	None	This site is assigned a Low risk rating since it has no documented contamination and is adjacent to the corridor.	Dun & Bradstreet: Garbage collection and transport, no disposal. Grab street view image.
19	None	NA	B-2, B-3	Bill Cooper Marine	3505 50 Ave, Davie Fl	504137011221	26.081877	-80.215373	7079	NA	Undeveloped field.	Within Project Corridor	Not Specified	NA	Low	None	This site is assigned a Low Risk rating since it does not have documented contamination and is adjacent to the corridor.	Not located. Grab Google street view.
20	65	NA	B-2, B-3	Florida Rock and Tanks Lines; Former PCI	3505 SW 50Th Ave, Davie Fl 33314	504137011221	26.082143	-80.214786	00743	Broward Co. HM	Truck Staging	129	Not Specified	NA	Low	None	This site is assigned a Low risk rating since there is no documented contamination and it is adjacent to the corridor.	Currently Florida Rock and Tank Lines.
21	54-63 279 - 288	21-1	B-2, B-3	Florida Petroleum Reprocessors	3211 SW 50th, Avenue, Davie Fl	504137011231	26.082609	-80.215292	73387409 ; NPL/SEMS/ US ENG CONTROLS/ US ENG INST CONTROL/ RCRA/ ROD/PRP: FLD984184127	NPL, SEMS,US ENG CONTROLS, US INST CONTROLS, RCRA NonGen/NLR, ROD, PRP	Vacant	Within Project Corridor	VOCs, Solvents, Petroleum	Ongoing	High	Level II - Soil and groundwater sampling for petroleum and metals	This site is assigned a High risk rating since it has documented several releases of waste oils, grease, and hazardous substances (including VOCs and chlorinated solvents), is on the NPL, and is adjacent to the corridor.	No access.
22	493; 402-403	NA	B-2, B-3	WM Recycling; National Recycling Davie	3250 SW 50th Ave	504124100030	26.082798	-80.213451	Financial Assurance: 9047157; FLD982143877; Broward Co. HM: 00017; TIER 2: 711592; NPDES: FLR051185	SWRCY, Financial Assurance, Broward Co. HM, Broward Co. NOV, TIER 2, NPDES	C&D Disposal Facility	449	Not Specified	NA	Low	None	This site is assigned a Low risk rating since it has no documented contamination according to the EDR and is adjacent to the corridor.	No access.
23	51-53	NA	B-2, B-3	Terra Construction, Inc.	3411 50 Ave, Davie Fl	504137011212	26.083113	-80.215182	02054	Broward Co. HM	Office/ Construction Yard	Within Project Corridor	Not Specified	NA	Low	None	This site is assigned a Low risk rating since it has no documented contamination and is adjacent to the corridor.	No access.
24	None	NA	B-2	Floval Oil-Road Side Fuel Spill (2) Separate Spill	I-595 To Turnpike Northbound On Ramp	504137011310	26.085547	-80.214956	9807124; Broward Co. EDIEAR: 2735A	Broward Co. EDIEAR	Highway	Within Project Corridor	Petroleum	CSRCO, 7/9/2019	Low	None	This site is assigned a Low risk rating since it has documented petroleum discharges on 2/11/2005 and 10/30/2007, has a CSRCO as of 7/9/2019, and is adjacent to the corridor.	Not located.
25	205	NA	B-2, B-4	Tire Rack Company; Former Powerscreen Of Florida	2811 Reese Rd, Fort Lauderdale Fl 33314	504123020010	26.086907	-80.217642	7776078	AIRS	Warehouse	270	Not Specified	NA	No	None	This site is assigned a No risk rating since it has no documented contamination according to the EDR and is not adjacent to the corridor.	Currently Tire Rack Company (Bridge Point 595 Business Park). Tire and wheel distribution. Site formerly a stormwater pond.
26	None	NA	B-2, B-4	Existing Stormwater Pond	NA	504137011310	26.087554	-80.214879	Not Assigned	Site Reconnaissance	Stormwater Pond	Within Project Corridor	None	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and there were no signs of contamination sources.	Existing pond site.
27	500-504	NA	B-2, B-4	Kelly Tractor Co.	2801 Reese Rd, Davie Fl	504123020010	26.08798	-80.217319	RCRA: FLR000215939; IFNDS/ECHO: 110064674954	FINDS, ECHO, RCRA-VSQG	Construction Equipment Sales and Service	205	Hazardous Waste, Solvents, Petroleum	NA	Low	None	This site is assigned a Low risk rating since it has no documented contamination according to the EDR and it is adjacent to the corridor.	Active. No access.



**Table B-1 Potential Contamination Sites  
Florida Turnpike from I-595 to Wiles Road**

12/2/22 SITE NO.	EDR NO.	PHOTO NUMBERS	FIGURE NUMBERS	SITE NAME	ADDRESS	PARCEL NUMBERS	LATITUDE (Decimal Degrees)	LONGITUDE (Decimal Degrees)	FACILITY ID (EPA / FDEP / BCFPD)	SELECTION RATIONALE	FACILITY TYPE	APPROXIMATE DISTANCE TO NEAREST POINT OF PROJECT CORRIDOR (FEET)	CONTAMINATION CONCERN	REMEDIATION STATUS	CONTAMINATION RISK RATING	RECOMMENDATION	RATIONALE FOR RISK RATING	SITE RECONNAISSANCE NOTES
28	49	28-1	B-2, B-4	Golf Carts - Jeffrey Allen, Inc.; Former Infinity Yachts; Former Marine Power Concepts	2701 Reese Rd, Davie Fl 33314	504137011361	26.088998	-80.217052	6939; FLD984188110; Broward Co. HM: 14174; TIER 2: 7077897	RCRA-VSQQ, FINDS, ECHO, Broward Co. HM, TIER 2	Office/Sales/ Service	Within Project Corridor	Hazardous Waste Universal Waste Petroleum Asbestos Metal Based Coatings	NA	Medium	Level II - Soil and groundwater sampling for petroleum and metals; Additional Consideration should be made for a Hazardous Material Survey	This site is assigned a Medium risk based on former and current operations and since it is the location of Proposed Pond Site No. 4 (Site No. 29). No documented contamination according to the EDR. Additional Consideration should be made for Hazardous Building Materials such as Asbestos, Metal Based Coatings, etc.	Golf Carts. Occupies area for proposed Pond Site 4.
29	None	29-1, 29-2	B-2, B-4	Proposed Pond Site	NA	504137011361	26.089081	-80.217658	Not Assigned	Site Reconnaissance	Vehicle Service Centers	Within Project Corridor	Not Specified	NA	Medium	Level II - soil and groundwater sampling for petroleum and metals	The site is assigned a Medium risk rating since the former and existing facilities generate hazardous/regulated wastes.	Proposed pond site. Location occupied by a Golf Cart and Automotive service companies.
30	None	30-1	B-2	Florida Turnpike & I-595 Release	Florida Turnpike & I-595, Davie Fl	504137011200	26.089294	-80.213192	73384455; Broward Co. EDIEAR: 2163; DWM CONTAM/TANKS/LUST: 9818693	Broward Co. EDIEAR, DWM CONTAM, TANKS, Cleanup Sites, LUST	Highway	Adjacent	Petroleum	NA	Medium	Level II - soil and groundwater sampling for petroleum and metals	This site is assigned a Medium risk rating since it has a documented petroleum discharge of 8,000 gallons of unleaded gasoline on 8/1/2021, has ongoing cleanup as of 2/24/2022, and is adjacent to the corridor.	Not located.
31	236	NA	B-2, B-4	Former Glenn's Automotive, Inc.	5320 State Road 84, Davie Fl 33314	504137011452	26.089444	-80.218655	00543	Broward Co. HM	Auto Repair	229	Not specified	NA	No	None	This site is assigned a No risk rating since it has no documented contamination according to the EDR and is not adjacent to the corridor.	D.C. Powder Coating company.
32	175	NA	B-2, B-4	Bay 7 Automotive, Inc.	5350 State Road 84, Davie Fl 33314	504137011352	26.089519	-80.218987	13318	Broward Co. HM	Auto Repair	341	Not Specified	NA	No	None	This site is assigned a No risk rating since it has no documented contamination according to the EDR and is not adjacent to the corridor.	Active.
33	194	NA	B-2, B-4	Ninja Auto Collision	5420 State Rd 84, Davie Fl 33314	504137011450	26.089712	-80.219371	15311	Broward Co. HM	Auto Repair	481	Not Specified	NA	No	None	This site is assigned a No risk rating since it has no documented contamination according to the EDR and is not adjacent to the corridor.	Active.
34	47, 48	29-2	B-2, B-4	Glenn's Automotive, Inc.	2601 Reese Rd, Davie Fl 33314	504123080010	26.08974	-80.217535	11980; FINDS/ECHO: 110024577554	FINDS, ECHO	Auto Repair	Within Project Corridor	Hazardous Waste Universal Waste Petroleum Asbestos Metal Based Coatings	NA	Medium	Level II - Soil and groundwater sampling for petroleum and metals; Additional Consideration should be made for a Hazardous Material Survey	This site is assigned a Medium risk based on former and current operations and since it is the location of Proposed Pond Site No. 4 (Site No. 29). No documented contamination according to the EDR. Additional Consideration should be made for Hazardous Building Materials such as Asbestos, Metal Based Coatings, etc.	Active. Occupies area for proposed Pond Site 4.
35	200	NA	B-2, B-4	Broward County Central Residential Transfer Station	5490 Reese Road, Davie Fl	504137011422	26.089792	-80.219882	Not Assigned	RGA LF	Residential Hazardous Waste Drop Off	650	Hazardous Waste	NFA	Low	None	This site is assigned a low risk rating since it has documented resolved contamination and is not adjacent to the corridor.	No access.
36	117	NA	B-2, B-4	Alta Construction Equipment Florida, LLC.	5210 Reese Rd, Fort Lauderdale Fl	504137011320	26.090186	-80.218043	FLAB07236	DWM CONTAM	Construction Equipment Sales and Service	107	Petroleum	SRCR, 6/19/2018	Low	None	This site is assigned a Low risk rating since it has documented compliance evaluation for the site as of November 29th, 2022. It has a documented petroleum discharge on 8/1/1986, a completed SRCR as of 6/19/2018, and is not adjacent to the corridor.	Active. No access. Correct map point.
37	None	NA	B-2, B-4	Frankies Auto Painting	5340 SR 84 #5, Fort Lauderdale Fl	504137011451	26.090199	-80.218791	RCRA: FLD984174953; FINDS/ECHO: 110006153599	RCRA NonGen, FINDS, ECHO	Auto Repair	343	Solvents	NA	No	None	This site is assigned a No risk rating since it has no documented contamination according to the EDR and is not adjacent to the corridor.	Not located.
38	237	NA	B-2, B-4	Garrison's Repair West	5310 SR 84, Davie Fl 33314	504137011451	26.090239	-80.218386	15150	Broward Co. HM	Auto Repair	219	Not Specified	NA	No	None	This site is assigned a No risk rating since there is no documented contamination according to the EDR and it is not adjacent to the corridor.	Active.
39	180, 181	NA	B-2, B-4	A1 Paint And Body	5340 State Road 84, Davie, Fl 33314	504137011450	26.090377	-80.218673	13711	Broward Co. HM	Auto Repair	324	Not Specified	NA	No	None	This site is assigned a No risk rating since there is no documented contamination according to the EDR and it is not adjacent to the corridor.	Active.
40	311	NA	B-2, B-4	Gary's Auto	5370 State Road 84, Davie, Fl 33314	504137011454	26.090414	-80.218833	03345	Broward Co. HM	Auto Repair	335	Not Specified	NA	No	None	This site is assigned a No risk rating since there is no documented contamination according to the EDR and it is not adjacent to the corridor.	Not located.

**Table B-1 Potential Contamination Sites  
Florida Turnpike from I-595 to Wiles Road**

12/2/22 SITE NO.	EDR NO.	PHOTO NUMBERS	FIGURE NUMBERS	SITE NAME	ADDRESS	PARCEL NUMBERS	LATITUDE (Decimal Degrees)	LONGITUDE (Decimal Degrees)	FACILITY ID (EPA / FDEP / BCFPD)	SELECTION RATIONALE	FACILITY TYPE	APPROXIMATE DISTANCE TO NEAREST POINT OF PROJECT CORRIDOR (FEET)	CONTAMINATION CONCERN	REMEDIATION STATUS	CONTAMINATION RISK RATING	RECOMMENDATION	RATIONALE FOR RISK RATING	SITE RECONNAISSANCE NOTES
41	197, 198	NA	B-2, B-4	Former Transtech	5410 W SR 84' Davie Fl 33314	504137011453	26.090446	-80.219142	Broward Co. HM: 04108	EDR Hist Auto, Broward Co. HM	Not Located	360	Not Specified	NA	No	None	This site is assigned a No risk rating since it has no documented contamination according to the EDR and is not adjacent to the corridor.	Not located.
42	328	NA	B-2, B-4	Tune-Rite Automotive	5460 SR 84, Davie, Fl 33314	504137011457	26.090545	-80.219587	00650	Broward Co. HM	Auto Repair	361	Not Specified	NA	No	None	This site is assigned a No risk rating since it has no documented contamination according to the EDR and is not adjacent to the corridor.	Active.
43	213; 46	NA	B-2, B-4	Former Value Place Hotel	Unknown Davie, Fl 33317	504123090010	26.090975	-80.220584	NPDES: FLR100B72; FINDS/ECHO: 110060354539	NPDES, FINDS, ECHO	Hotel	289	Not Specified	NA	No	None	This site is assigned a No risk rating since it has no documented contamination according to the EDR and is not adjacent to the corridor.	Currently Extended Stay America.
44	223, 224	NA	B-2	Residence (1)	2429 SW 44Th Terrace, Ft. Lauderdale, Fl 33417	504124040030	26.091029	-80.21071	Not Assigned	ERNS	Residence	136	Petroleum	NA	Low	None	This site is assigned a Low risk rating since the incident involved a surface water body on 8/25/1993. FDEP records documenting cleanup efforts were not available. Oil sheen was not observed during site reconnaissance.	No business activity observed. Residence.
45	121	NA	B-2, B-4	Palm Peterbilt*/DOT*	4501 SR 84, Fort Lauderdale, Fl 33314	504137011471	26.09132	-80.219959	1010	Broward Co. EDIEAR	Highway	117	Not Specified	NA	Low	None	This site is assigned a Low risk rating since it has no documented contamination according to the EDR and is adjacent to the corridor.	Not located.
46	149	NA	B-2, B-4	Bridge Point 595	5600 Reese Rd, Davie, Fl 33314	504114270010	26.09149	-80.221302	110070599121	FINDS, ECHO	Business Park	260	Not Specified	NA	No	None	This site is assigned a No risk rating since it has no documented contamination according to the EDR and is not adjacent to the corridor.	Active
47	None	NA	B-2, B-4	Existing Pond Site	Northeast Corner of Florida's Turnpike And I-595	504113180010	26.093082	-80.214514	Not Assigned	Site Reconnaissance	Stormwater Pond	Within Project Corridor	None	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and there were no signs of contamination sources.	Existing pond site.
48	228, 229	NA	B-2, B-4	Residence (2)	5140 SW 21st Court, Plantation Fl	504114220090	26.093178	-80.220062	Not Assigned	SPILLS	Residence	266	Petroleum	NA	Low	None	This site is assigned a Low risk rating since it has a documented 5 gallon diesel spill on 3/8/2009 and is not adjacent to the corridor.	No business activity observed. Provide Google street view image.
49	None	NA	B-2, B-4	Existing Pond Site	Northwest Corner of Florida's Turnpike And I-595	504113131980	26.094081	-80.218061	Not Assigned	Site Reconnaissance	Stormwater pond	Within Project Corridor	None	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and there were no signs of contamination sources.	Existing pond site.
50	None	NA	B-2	McGinnis Ski School	2421 SW 46Th Ave	504113180010	26.095431	-80.21401	8837949	LUST, UST, AST, DWM CONTAM	Residence/ Ski School	50	Petroleum	SRCR, 5/28/2008	Low	None	This site is assigned a Low risk rating since it has a documented petroleum discharge on 2/20/1992, a completed SRCR as of 5/28/2008, and is adjacent to the corridor.	Active. No access.
51	187	NA	B-2, B-5	Residence (3)	4700 SW 24th St., Ft Lauderdale, Fl 33317	504113132970	26.095884	-80.214124	Not Assigned	ERNS	Residence	192	Petroleum	NA	Low	None	This site is assigned a Low risk rating since the incident occurred on 8/25/1993. FDEP records documenting cleanup efforts were not available. Oil sheen or staining was not observed during site reconnaissance.	No business activity observed. Near proposed Pond Site 47 and Pond Site 51.
52	408, 409	NA	B-2, B-5	Meadowbrook Elementary	2300 SW 46Th Ave, Fort Lauderdale, Fl 33317	504137011170	26.095975	-80.212579	00138	Broward Co. HM	School	457	Not Specified	NA	No	None	This site is assigned a No risk rating since it has no documented contamination according to the EDR and is not adjacent to the corridor.	Active. No access.
53	467	NA	B-2, B-5	Broward Sheriff's Office-Fire Rescue Station #23	2200 SW 46Th Ave, Plantation Fl 33317	504137011271	26.096828	-80.212054	05313	Broward Co. HM	Fire Department	800	Not Specified	NA	No	None	This site is assigned a No risk rating since it has no documented contamination according to the EDR and is not adjacent to the corridor.	Active. No access.
54	None	NA	B-2, B-5	Proposed Pond Site	Northeast of Florida's Turnpike and SW 24th Street	504113130010	26.097384	-80.216165	Not Assigned	Site Reconnaissance	Power Line Utility Corridor	Within Project Corridor	None	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and there were no signs of contamination sources.	Proposed pond site.
55	199	NA	B-5	Marine Fuel Service & Supply Co.	1400 SW 52nd Way, Plantation, Fl 33317	504114230280	26.100964	-80.2195	Not Assigned	EDR hist Auto	Residence	409	Not Specified	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and is not adjacent to the corridor.	No business activity observed. Actual business location unknown.



**Table B-1 Potential Contamination Sites  
Florida Turnpike from I-595 to Wiles Road**

12/2/22 SITE NO.	EDR NO.	PHOTO NUMBERS	FIGURE NUMBERS	SITE NAME	ADDRESS	PARCEL NUMBERS	LATITUDE (Decimal Degrees)	LONGITUDE (Decimal Degrees)	FACILITY ID (EPA / FDEP / BCEPD)	SELECTION RATIONALE	FACILITY TYPE	APPROXIMATE DISTANCE TO NEAREST POINT OF PROJECT CORRIDOR (FEET)	CONTAMINATION CONCERN	REMEDIATION STATUS	CONTAMINATION RISK RATING	RECOMMENDATION	RATIONALE FOR RISK RATING	SITE RECONNAISSANCE NOTES
56	191	NA	B-5	Broward County School Board-S Plantation HS	1300 Paladin Way, Plantation, FL	504137011563	26.102995	-80.219621	9047389; Broward Co. HM: 01517	Broward Co. HM	School	389	Not Specified	NA	Low	None	This site is assigned a Low risk rating since it has no documented contamination according to the EDR and is adjacent to the corridor.	No access.
57	NA	NA	B-5	All Tire Recycling, LLC.	5220 SW 7th St, Plantation, FL 33317	504111230320	26.111837	-80.219511	102207	SWF/LF	Residence	206	Not Specified	NA	No	None	This site is assigned a No risk rating since it has no documented contamination according to the EDR and is not adjacent to the corridor.	No business activity observed. Residence.
58	499	NA	B-5, B-6	Ft Lauderdale City-Peele Dixie Wellfield Generator Bldg.	5050 W Broward Blvd., Plantation, FL 33317	504112130010	26.119758	-80.216849	Financial Assurance: 9813230; Broward Co. HM: 02694; Tier 2: 7101756	Financial Assurance, Broward Co. HM, TIER 2	Not Identified	389	Not Specified	NA	No	None	This site is assigned a No risk rating since it has no documented contamination according to the EDR and is not adjacent to the corridor.	No building or facility. No tanks observed. No monitoring wells observed.
59	None	NA	B-5, B-6	T-Mobile Cell Site	5200 W Broward Blvd., Plantation, FL	504111010100	26.120296	-80.218734	9810816	NA	Cell Tower	55	Petroleum	NA	Low	None	This site is assigned a Low risk rating since it has no documented contamination according to the EDR and is adjacent to the corridor.	Active. Generator with base-mounted fuel tank observed.
60	251, 252, 253	NA	B-5, B-6	Rocket Fuel; Former Mobil; Former Citgo Plantation	5271 W Broward Blvd., Plantation, FL	504102010020	26.121145	-80.219353	LUST/ AST/ UST/ Cleanup Sites/ DWM CONTAM/ Financial Assurance: 8838150; Broward Co. EDIEAR: 1396A; Broward Co. HM: 05016	RGA LUST, LUST, UST, AST, Cleanup Sites, DWM CONTAM, Broward Co. EDIEAR, Financial Assurance, Broward Co. HM	Gas Station	295	Petroleum	Ongoing	Low	None	This site is assigned a Low risk rating since it has a petroleum discharge on 11/4/1988, has an ongoing remediation status as of 8/3/2012, and is not adjacent to the corridor.	Combine with 88. Active. Currently Rocket Fuel gas station. Facility has service bays. Three monitoring wells observed by UST farm (west side along East Acre Drive).
61	298	NA	B-5, B-6	Former Plantation Wash Bowl	5201 W Broward Blvd., Fort Lauderdale, FL	504102010010	26.121172	-80.218609	Not Assigned	EDR Hist Cleaner	Strip Mall	54	Not Specified	NA	Low	None	This site is assigned a Low risk rating since it has no documented contamination according to the EDR and is adjacent to the corridor.	Vacant space in Plantation Village strip mall. Formerly Little Caesars Pizza. One abandoned monitoring well observed in back alley (east side of space).
62	41	NA	B-5, B-6	US Food Services Ber 07-21-36930Z	Turnpike Mm 57 NB, Plantation, FL 33317	NA	26.121312	-80.217894	9809782	LUST, TANKS, DWM CONTAM	Highway	Within Project Corridor	Petroleum	NFA, 12/11/2008	Low	None	This site is assigned a Low risk rating since it has a documented petroleum discharge on 3/16/2003, a completed NFA as of 12/11/2008, and is located within the corridor.	Not located.
63	302	NA	B-5, B-6	Former Kent Cleaners Laundry	25 East Acre Dr., Fort Lauderdale, FL	504102011240	26.121329	-80.219895	Not Assigned	EDR Hist Cleaner	Dry Cleaner/ Strip Mall	480	Solvents	NA	No	None	This site is assigned a No risk rating since it has no documented contamination according to the EDR and is not adjacent to the corridor.	Space is boarded (renovation?). No monitoring wells observed on east side (front), no access to rear (west side).
64	329	NA	B-5, B-6	Former B Z R, Inc.	31 E Acre Dr., Fort Lauderdale, FL 33317	504102011240	26.121423	-80.219892	Not Assigned	EDR hist Cleaner	Strip Mall	482	Solvents	NA	No	None	This site is assigned a No risk rating since it has no documented contamination according to the EDR and is not adjacent to the corridor.	Currently All Seasons Alterations. No monitoring wells observed on east side (front), no access to rear (west side).
65	330	NA	B-5, B-6	Former East Acre Dry Cleaners	37 E Acre Dr., Fort Lauderdale, FL 33317	504102011240	26.12179	-80.219861	Not Assigned	EDR Hist Cleaner	Strip Mall	479	Solvents	NA	No	None	This site is assigned a No risk rating since it has no documented contamination according to the EDR and is not adjacent to the corridor.	Currently Dade Test & Balance Corporation. No monitoring wells observed on east side (front), no access to rear (west side).
66	None	NA	B-5, B-6	Proposed Pond Site	NA	NA	26.123197	-80.217039	Not Assigned	Site Reconnaissance	Power Line Utility Corridor	Within Project Corridor	None	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and there were no signs of contamination sources.	Proposed pond site.
67	None	NA	B-5, B-6, B-7	Proposed Pond Site	NA	NA	26.126321	-80.216811	Not Assigned	Site Reconnaissance	Power Line Utility Corridor	Within Project Corridor	None	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and there were no signs of contamination sources.	Proposed pond site.
68	None	NA	B-7	Proposed Pond Site	NA	NA	26.1292	-80.217143	Not Assigned	Site Reconnaissance	Power Line Utility Corridor	Within Project Corridor	None	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and there were no signs of contamination sources.	Proposed pond site.
69	None	NA	B-7	Proposed Pond Site	NA	NA	26.131437	-80.217605	Not Assigned	Site Reconnaissance	Power Line Utility Corridor	Within Project Corridor	None	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and there were no signs of contamination sources.	Proposed pond site.

**Table B-1 Potential Contamination Sites  
Florida Turnpike from I-595 to Wiles Road**

12/2/22 SITE NO.	EDR NO.	PHOTO NUMBERS	FIGURE NUMBERS	SITE NAME	ADDRESS	PARCEL NUMBERS	LATITUDE (Decimal Degrees)	LONGITUDE (Decimal Degrees)	FACILITY ID (EPA / FDEP / BCEPD)	SELECTION RATIONALE	FACILITY TYPE	APPROXIMATE DISTANCE TO NEAREST POINT OF PROJECT CORRIDOR (FEET)	CONTAMINATION CONCERN	REMEDIATION STATUS	CONTAMINATION RISK RATING	RECOMMENDATION	RATIONALE FOR RISK RATING	SITE RECONNAISSANCE NOTES
70	None	NA	B-7	Proposed Pond Site	NA	NA	26.133559	-80.218019	Not Assigned	Site Reconnaissance	Contractor Lay Down Area	Within Project Corridor	None	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and there were no signs of contamination sources.	Proposed pond site.
71	83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	EDR incorrectly identified this site within the project corridor. Further research indicated the actual site location is the Ft. Pierce Service Plaza, not within the search criteria.
72	82	NA	B-7	T-Mobile - 6Fb1436M	5101 W Sunrise Blvd., Plantation, FL 33313	NA	26.13754	-80.217739	21168	Broward Co. HM	Cell Tower	Within Project Corridor	Not Specified	NA	Low	None	This site is assigned a Low risk rating since there is no documented contamination and it is adjacent to the corridor.	No access. Map point is not correct. Cell tower is north of the FDOT Turnpike facility (Site 92 below)
73	None	NA	B-7	Existing Stormwater Pond	NA	NA	26.13795	-80.218333	Not Assigned	Site Reconnaissance	Stormwater Pond	Within Project Corridor	None	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and there were no signs of contamination sources.	Existing pond site.
74	39	NA	B-7	Abraham Baker	5200 NW 12th Court, Lauderhill, FL 33313	494135040510	26.139051	-80.220278	99030	SWF/LF	Residence	197.6432511	Waste Tire Collector	NA	Low	None	This site is assigned a Low risk rating since the site is not adjacent to the project and does not have any environmental concerns.	No business activity observed. Residence.
75	None	NA	B-7	Existing Stormwater Pond	NA	NA	26.140504	-80.22027	Not Assigned	Site Reconnaissance	Stormwater Pond	Within Project Corridor	None	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and there were no signs of contamination sources.	Existing pond site.
76	178, 179	NA	B-7	Addison Residence	1261 NW 51 Ave, Lauderhill, FL 33313	494136040071	26.141011	-80.218007	ERIC_10352	DWM CONTAM, RESP PARTY	Residence	170	Residence/ arsenic	NA	Low	None	This site is assigned a Low risk rating since the site is not adjacent to the project. Low or non-detectable levels of arsenic were encountered in all soil samples	No business activity observed. Residence.
77	111	NA	B-7	City Of Lauderhill Property	NW 51st Avenue, Lauderhill, FL 33313	494136040070	26.141038	-80.218387	DWM CONTAM: ERIC_10272; RESP PARTY: 277549	DWM CONTAM, RESP PARTY	Easement	80	Not Specified	NA	Low	None	This site is assigned a Low risk since it has no documented contamination according to the EDR and it is adjacent to the corridor.	Vacant. No access. Obtain Google image.
78	319	NA	B-7	FPL MacArthur Substation	2000 NW 51st Ave, Lauderhill, FL 33313	494125000112	26.151028	-80.218648	FLR000043471	RCRA;FINDS; ECHO	Substation	172	Not Specified	NA	Low	None	This site is assigned a Low risk since it has no documented contamination according to the EDR and it is adjacent to the corridor.	Active.
79	279; 282; 416	NA	B-7	City of Lauderhill Utilities - WTP; Broward County WWS MPS 452	2001 NW 49th Ave, Lauderhill, FL	494125000111	26.152356	-80.218186	8622515; 73380966; 8622452; 9400244	UST;AST;RCRA;FINDS; ECHO	Water Treatment	332	Petroleum, Lead	Ongoing	Low	None	This site is assigned a Low risk rating since it has a documented leaded gas discharge on 8/7/2022, ongoing as of 11-9-2020, and is adjacent to the corridor.	Active. No access.
80	None	NA	B-7	City Of Lauderhill John Mullin Park	2000 NW 55th Avenue, Lauderhill, FL	494126000013	26.153257	-80.220472	104802	SWF/LF	Park	209	Not Specified	NA	No	None	This site is assigned a No risk rating since the debris staging area has no documented contamination and is adjacent to the corridor.	Active. No access.
81	495	NA	B-7	Castle #7 Condominium, Inc.	2251 NW 48th Ter., Lauderhill, FL 33313	NA	26.154792	-80.216539	10827	Broward Co. HM	Residential	446	Not Specified	NA	No	None	This site is assigned a No risk rating since residence has no documented contamination and is not adjacent to the corridor.	Condominiums.
82	None	NA	B-7, B-8	Proposed Pond Site	2525 NW 49th Ave, Lauderdale Lakes, FL 33313	494125000084	26.156238	-80.217975	Not Assigned	NA	Park	Within Project Corridor	Not Specified	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and there were no signs of contamination sources.	Proposed pond site at Cypress Preserve Park.
83	119	NA	B-8	Alton Donegal	2464 NW 52nd Ave, Lauderhill, FL 33313	NA	26.157965	-80.220295	102654	SWF/LF	Residential	109	Waste Tire Collector	NA	Low	None	This site is assigned a Low risk rating since the site is adjacent to the project and does not have any environmental concerns.	Apartments.
84	None	NA	B-8	Proposed Pond Site	Northwest of NW 49th Avenue and NW 26th Court	494125410010	26.160002	-80.217874	Not Assigned	NA	Wooded Lot	Within Project Corridor	Not Specified	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and there were no signs of contamination sources.	Proposed pond site.
85	380	NA	B-8	New Colony Apartment Homes	5420 NW 27th Street, Lauderhill, FL 33313	494126190010	26.160493	-80.221538	Not Assigned	ECHO; FINDS	Residential	487	Lead Paint	NA	No	None	This site is assigned a No risk rating since residence has no documented contamination and is not adjacent to the corridor.	Apartments.



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Florida Turnpike from I-595 to Wiles Road**

12/2/22 SITE NO.	EDR NO.	PHOTO NUMBERS	FIGURE NUMBERS	SITE NAME	ADDRESS	PARCEL NUMBERS	LATITUDE (Decimal Degrees)	LONGITUDE (Decimal Degrees)	FACILITY ID (EPA / FDEP / BCFEPD)	SELECTION RATIONALE	FACILITY TYPE	APPROXIMATE DISTANCE TO NEAREST POINT OF PROJECT CORRIDOR (FEET)	CONTAMINATION CONCERN	REMEDIATION STATUS	CONTAMINATION RISK RATING	RECOMMENDATION	RATIONALE FOR RISK RATING	SITE RECONNAISSANCE NOTES
86	260-268	NA	B-8	Florida Medical Center	5000 West Oakland Park Boulevard, Fort Lauderdale, FL 33313	494125000080	26.162801	-80.218494	FLR000056697; 8735188; 4740054	AST; HW GEN	Medical	302	Solvents/ Petroleum	NA	Low	None	This site is assigned a Low risk since it has no documented contamination according to the EDR and it is adjacent to the corridor.	Two ASTs observed. Capacities unknown. Temporary mobile generators staged for Hurricane Nicole. Regulated bio wastes. Use Google image to view ASTs.
87	212	NA	B-8	Former Alvey Cleaners, Inc. Clean & Save; Former Clean Save Cleaners; Former Florida Institute Of Health	4850 W Oakland Park Blvd., Lauderdale Lakes, FL	494125000051	26.163135	-80.216715	FLD981758154; FLR000152959	EDR HIST CLEANER	Dry Cleaner	581	Solvents	NA	No	None	This site is assigned a No risk rating since residence has no documented contamination and is not adjacent to the corridor.	Not present. Suite No. not known. No monitoring wells observed in parking lot. Oakland Medical Mall.
88	76	NA	B-8	Insurance Tags and Titles; Former Apple Photo	5554 W Oakland Park Blvd., Lauderdale, FL 33313	494126340010	26.163919	-80.225582	2677	Broward Co. HM	Strip Mall	262	Not Specified	NA	No	None	This site is assigned a No risk rating since residence has no documented contamination and is not adjacent to the corridor.	Not present. Currently Insurance Tags and Titles. Inverness Center (strip mall).
89	37; 69-75	NA	B-8	Mj Cleaners Inc; Former The Dry Cleaner; Former Arts Dry Cleaners Inc	5534 W Oakland Park Blvd., Lauderdale, FL	494126340010	26.163965	-80.22493	9500132	ECHO;FINDS	Dry Cleaner	244	Solvents	SRCO	Low	None	This site is assigned a Low risk since it has documented contamination according to the EDR and it is not adjacent to the corridor.	Currently Blended Family Foods Restaurant. Located within Inverness Center (strip mall).
90	78-81	NA	B-8	7-Eleven Store #38063	5590 W Oakland Park Blvd., Lauderdale, FL	494126140010	26.164126	-80.226775	9816186	UST; ECHO;FINDS	Gas Station	190	Petroleum	NA	Low	None	This site is assigned a Low risk since it has no documented contamination according to the EDR and it is adjacent to the corridor.	Active. No monitoring wells or remediation observed.
91	99-103	NA	B-8	Former Mobil #02 552	5600 W Oakland Park Blvd., Lauderdale FL	494126270020	26.164312	-80.227479	FLD984204073	UST; ECHO;FINDS	Vacant	124	Petroleum	SRCR complete, 7/25/2019	Low	None	This site is assigned a Low risk since it has documented contamination according to the EDR and it is adjacent to the corridor.	Currently undeveloped grass field. Monitoring wells or piezometers observed. No remediation system observed.
92	91	NA	B-8	Hawaiian Gardens Phase II	5101 W Oakland Park Blvd., Lauderdale Lakes, FL 33313	NA	26.165131	-80.217816	9804664	RGA LUST; TANKS	Residential	45	Not Specified	NFA, 7/2/2003	Low	None	This site is assigned a Low risk since it has documented contamination according to the EDR and it is not adjacent to the corridor.	Active.
93	141-143	NA	B-8	CVS Pharmacy #1302	5501 W Oakland Park Blvd., Lauderdale, FL 33313-1411	494123090011	26.165428	-80.223137	FLR000185983	RCRA-VSQG	Commercial Drug Store	127	Not Specified	NA	Low	None	This site is assigned a Low risk since it has no documented contamination according to the EDR and it is adjacent to the corridor.	Active
94	30	NA	B-8	Former Publix Super Markets #174	5575 W Oakland Park Blvd., Lauderdale, FL	494126000010	26.165511	-80.225235	FL0001039569	RCRA-VSQG	Grocery	207	Not Specified	NA	No	None	This site is assigned a No risk rating since residence has no documented contamination and is not adjacent to the corridor.	Not present. Currently developed with the Lauderdale City Hall.
95	202-204	NA	B-8	City Of Lauderdale Municipal Complex	5581 W Oakland Park Blvd., Lauderdale, FL 33319	494123090020	26.165573	-80.2255	9811627	AST	Government	231	Not Specified	NA	Low	None	This site is assigned a Low risk since it has no documented contamination according to the EDR and it is adjacent to the corridor.	Active.
96	28; 35; 36;122-123; 150; 185	NA	B-8	Classic French Dry Cleaners; Florida DEP DSCP D041 #069500171; Shoppes Of Inverrary	5539 W Oakland Park Blvd., Lauderdale, FL	494125350010	26.165678	-80.224294	FLD082414350; FLR000031864; FLR000105353; 73378357; 9500171	FINDS;ECHO; CLEANUP SITES	Dry Cleaner	138	Solvents	Active	Low	None	This site is assigned a Low risk since it has documented contamination according to the EDR and it is adjacent to the corridor.	Active. Monitoring wells observed in back (north side).
97	29	NA	B-8	Former Princeton Shop, Inc.	5563 W Oakland Park Blvd., Ft Lauderdale, FL 33313	494125350010	26.165694	-80.224609	Not Assigned	EDR HIST AUTO	Strip Mall	142	NA	NA	No	None	This site is assigned a No risk since it has no documented contamination according to the EDR and it is adjacent to the corridor.	Not present. Address not located in the existing Shoppes of Inverrary strip mall. Grab Google street view image.
98	428	NA	B-8	Publix Store #1109	5855 W Oakland Park Blvd., Lauderdale, FL 33313	494123220021	26.165882	-80.23029	11276	Broward CO. HM	Grocery	675	NA	NA	Low	None	This site is assigned a Low risk since it has no documented contamination according to the EDR and it is adjacent to the corridor.	Active. Generator with base-mounted fuel tank.
99	None	99-1	B-8	Proposed Pond Site	NA	494123010120	26.165773	-80.22117	Not Assigned	Site Reconnaissance	Golf Course	Within Project Corridor	Herbicides/ Pesticides/PFAS	None	Medium	Level II - Soil and groundwater sampling for pesticides, herbicides, Arsenic and PFAS	This site is assigned a Medium risk rating since golf course maintenance likely applied herbicides and pesticides (Arsenic/PFAS) routinely.	Proposed pond site at former golf course.
100	None	100-1	B-8	Proposed Pond Site	NA	494123010120	26.167174	-80.223738	Not Assigned	Site Reconnaissance	Golf Course	Within Project Corridor	Herbicides/ Pesticides/PFAS	None	Medium	Level II - Soil and groundwater sampling for pesticides, herbicides, Arsenic and PFAS	This site is assigned a Medium risk rating since golf course maintenance likely applied herbicides and pesticides (Arsenic/PFAS) routinely.	Proposed pond site at former golf course.

**Table B-1 Potential Contamination Sites  
Florida Turnpike from I-595 to Wiles Road**

12/2/22 SITE NO.	EDR NO.	PHOTO NUMBERS	FIGURE NUMBERS	SITE NAME	ADDRESS	PARCEL NUMBERS	LATITUDE (Decimal Degrees)	LONGITUDE (Decimal Degrees)	FACILITY ID (EPA / FDEP / BCEPD)	SELECTION RATIONALE	FACILITY TYPE	APPROXIMATE DISTANCE TO NEAREST POINT OF PROJECT CORRIDOR (FEET)	CONTAMINATION CONCERN	REMEDIATION STATUS	CONTAMINATION RISK RATING	RECOMMENDATION	RATIONALE FOR RISK RATING	SITE RECONNAISSANCE NOTES
101	None	101-1	B-8	Proposed Pond Site	NA	494123010120	26.169936	-80.221368	Not Assigned	Site Reconnaissance	Golf Course	Within Project Corridor	Herbicides/Pesticides/PFAS	None	Medium	Level II - Soil and groundwater sampling for pesticides, herbicides, Arsenic and PFAS	This site is assigned a Medium risk rating since golf course maintenance likely applied herbicides and pesticides (Arsenic/PFAS) routinely.	Proposed pond site at former golf course.
102	None	102-1, 102-2	B-8	Proposed Interchange (Former Inverrary Country Club South Course)	Rock Island Road, West Oakland Park Blvd., and Turnpike	494123010120	26.171609	-80.220834	Not Assigned	Site Reconnaissance	Golf Course	Within Project Corridor	Herbicides/Pesticides/PFAS	None	Medium	Level II - Soil and groundwater sampling for pesticides, herbicides, Arsenic and PFAS	This site is assigned a Medium risk rating since golf course maintenance likely applied herbicides and pesticides (Arsenic/PFAS) routinely.	Former golf course. Pesticide/Herbicide concerns in soils/groundwater. Site not reported in EDR or FDEP Contamination Site Locator Map.
103	295, 321-325; 321-325	NA	B-8	Life Care Center At Inverrary	4300 Rock Island Rd., Lauderhill, FL	494123170020	26.176875	-80.220765	LUST/ UST: 9400193; TIER 2: 7123081	Broward Co. HM, RGA LUST, LUST, UST, DWM CONTAM, Financial Assurance, TIER 2	Assisted Living	209	Petroleum	SRCR complete, 9/18/2006	Low	None	This site is assigned a Low risk since it has documented contamination according to the EDR and it is not adjacent to the corridor.	At least two generators and two ~300 gallon ASTs with fuel observed.
104	124	NA	B-8	Inverrary Golf Club	5420 NW 44th St., Lauderhill FL	494123180010	26.178695	-80.221343	LUST: 8736557; Broward Co. EDIEAR: 12388; Financial Assurance: 8736557; RESP PARTY: ERIC_10314	LUST, UST, Broward Co. EDIEAR, Financial Assurance, RESP PARTY	Junk Yard	500	Petroleum	LNFA, 5/17/2021	Low	None	This site is assigned a Low risk since it has documented contamination according to the EDR and it is not adjacent to the corridor.	Former golf course maintenance facility. Currently unnamed junk yard. No access.
105	355-364	NA	B-8	Verizon Wireless WRBD Radio Tower	4431 Rock Island Road, Fort Lauderdale, FL 33319	494114010020	26.179831	-80.220821	4995765	TIER 2	Cell Tower	426	Not Specified	NA	Low	None	This site is assigned a Low risk rating since there is no documented contamination and it is adjacent to the corridor.	Active. Observed generators and fuel storage tanks. No access.
106	293, 296	NA	B-8, B-9	Mainland's Park	4500 Monterey Dr., Tamarac, FL 33319	494113280530	26.181402	-80.217097	FINDS: 110056401148; ECHO: 110056401148; NPDES: FLR10PU87	FINDS, ECHO, NPDES	Park	355	Not Specified	NA	No	None	This site is assigned a No risk rating since the debris staging area has no documented contamination and is adjacent to the corridor.	Active. No access.
107	201	NA	B-8, B-9	Monterey	NEC Of Broward Blvd & The Florida Turnpike Tamarac, FL 33309	494113280490	26.183333	-80.216535	1.10036E+11	FINDS	Unknown	447	Not Specified	NA	No	None	This site is assigned a No risk since it has no documented contamination according to the EDR and it is not adjacent to the corridor.	FRS Report has different locations identified for site. Consider Removing incorrect location. No specific location to place site.
108	211	NA	B-9	Former A M Carpet Inspection Service, Inc.	4620 W Commercial Blvd., Fort Lauderdale FL	494113160010	26.18834815	-80.20841314	Not Assigned	EDR HIST CLEANER	Strip Mall	135	Solvents	NA	Low	None	This site is assigned a Low risk since it has no documented contamination according to the EDR and it is adjacent to the corridor.	Suite not located. Address resides in the Mission Bell Plaza.
109	255;148	NA	B-9	Sabal Palm South	NWC Corner Of Broward Blvd & The Florida Turnpike Tamarac, FL 33309	494113271590	26.189166	-80.21232	Not Assigned	FINDS	Unknown	357	Not Specified	NA	No	None	This site is assigned a No risk since it has no documented contamination according to the EDR and it is not adjacent to the corridor.	Location not mapped correctly. Relocate point. Consider Removing incorrect location after review. No specific location to place site.
110	88-90	NA	B-9	Tamarac City-Fire Station #78	4801 W Commercial Blvd., Tamarac, FL 33319	494113010071	26.189818	-80.20906	NPDES: FLR10PU87; ECHO: 10067378368; FINDS: 110067378368; AESBESTOS: AS01107120; Financial Assurance: 8627655; Broward Co. HM: 1913; TIER 2: 7080988; AST:8627655	NPDES, ECHO, FINDS, AESBESTOS, Financial Assurance, Broward Co. HM, Tier 2, AST	Fire Station	27	Petroleum	Active	Low	None	This site is assigned a Low risk since it has documented contamination according to the EDR and it is adjacent to the corridor and site has been assessed.	Active.
111	66	NA	B-9	Former Petroleum Services Of Florida	4768 W Commercial Blvd., Fort Lauderdale, FL 33319	494113240010	26.18987488	-80.2099588	Not Assigned	EDR HIST AUTO		74	Petroleum	NA	Low	None	This site is assigned a Low risk since it has no documented contamination according to the EDR and it is adjacent to the corridor.	Not present. Currently T Shirt Printing business.
112	257	NA	B-9	Residence (4)	4533 Treehouse Lane, Tamarac, FL 33319	NA	26.19059	-80.208152	NRC Report #245727	ERNS	Apartments	300	Petroleum	NA	No	None	The site is assigned a No risk rating since the EDR indicated the responsible party dumped motor oil down sink drain. This evaluation assumes the drain leads to the sanitary system and not directly to land or surface water.	Not visited. Obtain Google street view.



**Table B-1 Potential Contamination Sites  
Florida Turnpike from I-595 to Wiles Road**

12/2/22 SITE NO.	EDR NO.	PHOTO NUMBERS	FIGURE NUMBERS	SITE NAME	ADDRESS	PARCEL NUMBERS	LATITUDE (Decimal Degrees)	LONGITUDE (Decimal Degrees)	FACILITY ID (EPA / FDEP / BCEP/D)	SELECTION RATIONALE	FACILITY TYPE	APPROXIMATE DISTANCE TO NEAREST POINT OF PROJECT CORRIDOR (FEET)	CONTAMINATION CONCERN	REMEDIATION STATUS	CONTAMINATION RISK RATING	RECOMMENDATION	RATIONALE FOR RISK RATING	SITE RECONNAISSANCE NOTES
113	300	NA	B-9	Arbor Keys Apartments	4501 Treehouse Lane, Tamarac, FL 33319	NA	26.190575	-80.207916	110018921407; AS121149037	FINDS, Asbestos	Apartments	370	Asbestos	NA	No	None	The site is assigned a No risk rating since the site is not located adjacent to the corridor and there is no environmental concern to subsurface media for Asbestos removal.	Not visited. Obtain Google street view.
114	24	NA	B-9	Former FI Dept Of Transportation-Turnpike	Commercial Blvd. Toll Plaza, Tamarac, FL 33319	494113010015	26.193037	-80.209323	9200709	UST,AST	DOT	Within Project Corridor	Petroleum	NA	No	None	This site is assigned a No risk since it has no documented contamination according to the EDR and it is not adjacent to the corridor.	Not present.
115	23; 68	115-1, 115-2	B-9	DOT North Turnpike Dump Site (DOT Dump Site 2)	West Side Of Turnpike, MM 62, Pompano Beach, FL 33069	494113272370	26.193339	-80.211919	99393	SWF/LF	Vacant Field	92	Petroleum/Hazardous Waste/PFAS	NA	Medium	Level II - Soil and groundwater sampling for VOCs, SVOCs, metals, pesticides, herbicides and PFAS	This site is assigned a Medium risk rating since it is a former dump site without assessment.	
116	291	NA	B-9	Former City Of Tamarac Sabal Palm Site South	NW 50th Avenue and Commercial Blvd. Tamarac FL 33321	494113270730	26.193433	-80.21574	102043	SWF/LF	Residential	342	Not Specified	NFA	No	None	This site is assigned a No risk rating since it has no documented contamination and is not adjacent to the corridor.	Former debris staging area. Currently residential.
117	NA	115-1, 115-2	B-9	Proposed Pond Site	Northwest Corner of Florida's Turnpike And West Commercial Blvd.	494113272370	26.193773	-80.210924	Not Assigned	Site Reconnaissance	Vacant/ Wooded Lot	Within Project Corridor	None	NA	Medium	Level II - Soil and groundwater sampling for VOCs, SVOCs, metals, pesticides, herbicides and PFAS	This site is assigned a Medium risk rating since it has documented contamination associated with Site No. 115 and is adjacent to the corridor.	Proposed pond site.
118	NA	NA	B-9	Existing Pond Site	Florida Turnpike Southbound Exit/Entrance Ramp - Exit 62	NA	26.195139	-80.209521	Not Assigned	Site Reconnaissance	Stormwater Pond	Within Project Corridor	None	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and there were no signs of contamination sources.	Existing pond site.
119	400-401	NA	B-9	Mobile Home Depot	5611 N State Road 7, Fort Lauderdale, FL 33319	494112010124	26.195876	-80.204228	10616	Broward Co. HM	Retail	782	Not Specified	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and is not adjacent to the corridor.	Active. Supplier of parts and accessories for mobile/manufactured homes.
120	None	120-1	B-9	Proposed Pond Site	Immediately West of Florida's Turnpike along NW 59th St., NW 46th Ln., and NW 58th St.	494113272330	26.196582	-80.208448	Not Assigned	Site Reconnaissance	Residential	Within Project Corridor	Hazardous Building Materials (Asbestos, Metal Based Coatings, etc.)	NA	Medium	Additional Consideration should be made for a Hazardous Material Survey	This site is assigned a Medium rating since they are residential dwellings and there is no appropriate analytical data available. Additional Consideration should be made for Hazardous Building Materials such as Asbestos, Metal Based Coatings, etc.	Not visited.
121	None	121-1	B-9	Proposed Pond Site	Immediately West of Florida's Turnpike along NW 41st Terrace	494112080190	26.198145	-80.2066	Not Assigned	Site Reconnaissance	Stormwater Pond	Within Project Corridor	Hazardous Building Materials (Asbestos, Metal Based Coatings, etc.)	NA	Medium	Additional Consideration should be made for a Hazardous Material Survey	This site is assigned a Medium rating since they are residential dwellings and there is no appropriate analytical data available. Additional Consideration should be made for Hazardous Building Materials such as Asbestos, Metal Based Coatings, etc.	Not visited.
122	17	NA	B-9	T-Mobile USA, Inc - 441/Dewitt Realty	5951 N State Road 7, Fort Lauderdale, FL 33309	Not Identified	26.198778	-80.204334	7815	Broward Co. HM	Cell Tower	124	Not Specified	NA	Low	None	This site is assigned a Low risk rating since it has no documented contamination and is adjacent to the corridor.	No access. Obtain Google street view image. Site not mapped correctly. Site is located immediately south of the intersection of the Turnpike and State Road 7.
123	320	NA	B-9	City of North Lauderdale (Pompano Park); Pompano Park Debris Staging Area	4100 Bailey Road, North Lauderdale, FL	Not Identified	26.199933	-80.205446	98094	SWF/LF	Park	190	Not Specified	NFA	Low	None	This site is assigned a Low risk rating since it has no documented contamination and is adjacent to the corridor.	Active.
124	297; 337	NA	B-9	Prospect Pit	Fort Lauderdale, FL 33309	494207010160	26.200158	-80.19619	Not Assigned	MINES MRDS		359	Not Specified	NA	Low	None	This site is assigned a Low risk rating since it has no documented contamination and is adjacent to the corridor.	No access. Gated.
125	None	NA	B-9	Proposed Pond Site	Southwest corner of West McNab Road and Hawkins Road	Not Identified	26.201658	-80.197673	Not Assigned	Site Reconnaissance	Wooded Lot	Within Project Corridor	None	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and there were no signs of contamination sources.	Proposed pond site.
126	144	NA	B-9	City Of North Lauderdale- Public Works Storage Facility	2100 S State Road 7, North Lauderdale, FL 33068	494207010130	26.201795	-80.203437	10621	Broward Co. HM	Equipment Yard	130	Not Specified	NA	Low	None	This site is assigned a Low risk rating since it has no documented contamination and is adjacent to the corridor.	Active.
127	238	NA	B-9	Extra Space Storage 1064	2048 S State Rd 7, North Lauderdale, FL 33068	494207090011	26.202265	-80.203605	AS01109088; 4665	Asbestos, Broward Co. HM	Storage Units	281	Asbestos	NA	Low	None	This site is assigned a Low risk rating since it has no documented contamination and is adjacent to the corridor.	Active.

**Table B-1 Potential Contamination Sites  
Florida Turnpike from I-595 to Wiles Road**

12/2/22 SITE NO.	EDR NO.	PHOTO NUMBERS	FIGURE NUMBERS	SITE NAME	ADDRESS	PARCEL NUMBERS	LATITUDE (Decimal Degrees)	LONGITUDE (Decimal Degrees)	FACILITY ID (EPA / FDEP / BCEPD)	SELECTION RATIONALE	FACILITY TYPE	APPROXIMATE DISTANCE TO NEAREST POINT OF PROJECT CORRIDOR (FEET)	CONTAMINATION CONCERN	REMEDATION STATUS	CONTAMINATION RISK RATING	RECOMMENDATION	RATIONALE FOR RISK RATING	SITE RECONNAISSANCE NOTES
128	None	NA	B-9	Existing Pond Site	Southeast corner of Florida's Turnpike and West McNab Road	Not Identified	26.202567	-80.200712	Not Assigned	Site Reconnaissance	Stormwater Pond	Within Project Corridor	None	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and there were no signs of contamination sources.	Existing pond site.
129	273	NA	B-9	BH Cars, Inc.	1750 S State Road 7, North Lauderdale, FL 33068	494207090010	26.202626	-80.203455	10555	Broward Co. HM	Use Car Sales	322	Not Specified	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and is not adjacent to the corridor.	Active.
130	227	NA	B-9	North Lauderdale Auto Sales, Inc.	1752 N State Road 7, North Lauderdale, FL 33068	Not Identified	26.203013	-80.203443	10430	Broward Co. HM	Used Car Sales	405	Not Specified	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and is not adjacent to the corridor.	Active.
131	477	NA	B-9	Bellsouth Telecommunications, Inc. Eh363	1701 Cove Lake Rd., North Lauderdale, FL 33068	Not Identified	26.203299	-80.199528	13534	Broward Co. HM	Cell Tower?	58	Not Specified	NA	Low	None	This site is assigned a Low risk rating since it has no documented contamination and is adjacent to the corridor.	Not located.
132	310	NA	B-9, B10	Former WRPV Xi Lakeview Lauderdale, LLC.	1949 Cove Lake Rd., North Lauderdale, FL 33068	494207110010	26.203534	-80.195821	Not Assigned	Broward Co. NOV	Residential	391	Not Specified	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and is not adjacent to the corridor.	Not present. Currently Glen Cypress Creek. Obtain Google street view image.
133	372	NA	B-9	Former Delia Citgo Service	1701 S State Rd 7, Pompano Beach, FL 33063	494112280010	26.205215	-80.204414	9807448	EDR Hist Auto	Gas Station	430	Petroleum	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and is not adjacent to the corridor.	Not present. Currently Ace Educational Supplies. Current layout does not support a gas station. Potentially historic gas station.
134	95	NA	B-9, B10	Sanctuary Cove Associates, Ltd.	5601 W McNab Rd., North Lauderdale, FL 33068	494207100010	26.206061	-80.199742	Not Assigned	Broward Co. NOV	Unknown	55	Not Specified	NA	Low	None	This site is assigned a Low risk rating since it has no documented contamination and is adjacent to the corridor.	Not located.
135	177	NA	B-9, B10	McNab 7 Plaza	1635 S State Road 7, Pompano Bch., FL	Not Identified	26.206676	-80.20416	Not Assigned	DEDB	Strip Mall	170	Not Specified	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and is not adjacent to the corridor.	Known as McNab 7 Plaza.
136	None	NA	B-9, B10	Queen Of Heaven Cemetery Shop	1500 S SR 7 North, Lauderdale, FL	494207120010	26.207419	-80.202862	8837391; 402	Broward Co. HM	Cemetery	263	Not Specified	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and is not adjacent to the corridor.	No access. Gated. Obtain Google street view image.
137	376-377	NA	B-9, B10	New Cingular Wireless #16163 - FI04 North Lauderdale	1511 N State Road 7, North Lauderdale, FL 33068	494112020013	26.207522	-80.204882	3292	Broward Co. HM	Cell Tower	472	Not Specified	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and is not adjacent to the corridor.	Active.
138	276	NA	B-10	Residence (5)	4961 SW 9th St., Margate, FL 33068	494206090970	26.217579	-80.193233	Not Assigned	ERNS	Residential	327	Not Specified	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and is not adjacent to the corridor.	
139	176	NA	B-10	New Cingular Wireless CDZZ	1001 SW 46th Ave, Pompano Beach, FL 33069	494206230010	26.217607	-80.188514	3179	Broward Co. HM	Cell Tower	77	Not Specified	NA	Low	None	This site is assigned a Low risk rating since it has no documented contamination and is adjacent to the corridor.	
140	None	NA	B-10	Proposed Pond Site	Immediately west of Florida's Turnpike and northeast of SW 10th Street	Not Identified	26.21769	-80.190924	Not Assigned	Site Reconnaissance	Wooded Lot	Within Project Corridor	None	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and there were no signs of contamination sources.	Proposed Pond Site
141	None	NA	B-10	Proposed Pond Site	West of Pompano Beach Service Center (Turnpike) and South Lyons Road	Not Identified	26.225969	-80.185948	Not Assigned	Site Reconnaissance	Wooded Lot	Within Project Corridor	None	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and there were no signs of contamination sources.	Proposed Pond Site
142a	11;12;14;15;16;249	142-1. 142-2	B-10	Florida Turnpike Office Building, Chevron LUST	Florida Turnpike Mile Marker 65, Pompano Beach, FL 33068	Not Identified	26.226113	-80.182915	8622380	FINDS, ECHO, LUST, UST, Cleanup Sites, DWM CONTAM, AST	Turnpike Service Plaza (Gas Station/Offices)	Within Project Corridor	Petroleum	Ongoing	Medium	Level II - Soil and groundwater sampling for petroleum constituents	This site is assigned a Medium risk rating since it a documented groundwater contamination site and is adjacent to the corridor.	Active. Combine with 219, 220, 221, 222, 223, and 224. Site includes the Pompano Beach Service Plaza, Shell Gas Station, and Turnpike Operations. USTs present. One monitoring well located. One generator at Shell with base-mounted fuel tank. One generator at Turnpike Operations



**Table B-1 Potential Contamination Sites  
Florida Turnpike from I-595 to Wiles Road**

12/2/22 SITE NO.	EDR NO.	PHOTO NUMBERS	FIGURE NUMBERS	SITE NAME	ADDRESS	PARCEL NUMBERS	LATITUDE (Decimal Degrees)	LONGITUDE (Decimal Degrees)	FACILITY ID (EPA / FDEP / BCFEPD)	SELECTION RATIONALE	FACILITY TYPE	APPROXIMATE DISTANCE TO NEAREST POINT OF PROJECT CORRIDOR (FEET)	CONTAMINATION CONCERN	REMEDIATION STATUS	CONTAMINATION RISK RATING	RECOMMENDATION	RATIONALE FOR RISK RATING	SITE RECONNAISSANCE NOTES
142b	11;12;14;15;16;249	142-1, 142-3	B-10	Florida Turnpike Services LLC Dba Pompano Beach Shell; Coconut Creek Service Center	Florida Turnpike Mile Marker 65, Pompano Beach, FL 33068	Not Identified	26.226113	-80.182915	FL0000194324; 73381120	FINDS, ECHO, LUST, UST, Cleanup Sites, DWM CONTAM, AST	Turnpike Service Plaza (Gas Station/Offices)	Within Project Corridor	Petroleum	Cleanup Status: Ongoing, Cleanup Required	Medium	Level II - Soil and groundwater sampling for petroleum constituents	This site is assigned a Medium risk rating since it is an active LUST site located within the corridor.	Active. Combine with 219, 220, 221, 222, 223, and 224. Site includes the Pompano Beach Service Plaza, Shell Gas Station, and Turnpike Operations. USTs present. One monitoring well located. One generator at Shell with base-mounted fuel tank. One generator at Turnpike Operations
143	None	NA	B-10	Proposed Pond Site	West of Pompano Beach Service Center (Turnpike) and South Lyons Road	Not Identified	26.2278	-80.184324	Not Assigned	Site Reconnaissance	Wooded Lot	Within Project Corridor	None	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and there were no signs of contamination sources.	Proposed Pond Site
144	None	NA	B-10, B-11	Proposed Pond Site	Northwest of Pompano Beach Service Center (Turnpike), Est of S. Lyons Road, and South of Pompano Canal	Not Identified	26.229547	-80.182635	Not Assigned	Site Reconnaissance	Wooded Lot	Within Project Corridor	None	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and there were no signs of contamination sources.	Proposed Pond Site
145	None	NA	B-10, B-11	Existing Pond Site	North of Pompano Beach Service Center between Florida's Turnpike Northbound and Southbound Lanes	Not Identified	26.22955	-80.179661	Not Assigned	Site Reconnaissance	Stormwater Pond	Within Project Corridor	None	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and there were no signs of contamination sources.	Existing pond site.
146	417	146-1, 146-2	B-11	Former Palm Aire Golf Course Brownfield Site	Northeast Corner of Florida's Turnpike And West Atlantic Blvd., Pompano Beach, FL 33069	484232150010	26.234201	-80.172601	Not Assigned	Brownfields	Golf Course	603	Not Specified	Not Specified	Medium	Level II - Soil and groundwater sampling for metals, pesticides, herbicides and PFAS	This site is assigned a Medium risk since it is a documented Brownfields location according to the EDR and it is adjacent to the corridor.	No access. Gated. Currently residential homes, condominiums, apartments. The previous May 2017 CSER identified this site (Site #21) as a High risk site.
147	8	NA	B-11	Coco Pool Cleaners, Inc.	374 Sunshine Dr., Pompano Beach, FL 33066	484232101240	26.235616	-80.175861	Not Assigned	EDR Hist Cleaner	Residence	366	Solvents	Not Specified	Low	None	This site is assigned a Low risk rating as it was formerly a Historic Cleaner facility and is currently a residence with no documented contamination. This site is located within the corridor.	No business activity observed. Residence.
148	607	NA	B-11	Pompano Beach Sports Park Reuse Area	3190 NW 4th St., Pompano Beach, FL 33069	Not Identified	26.235899	-80.165202	BF061702001; 2105; ERIC_6856	Brownfields, Broward Co EDIEAR RESP Party	Residential	2169	Arsenic	Not Specified	Low	None	This site is assigned a Low risk since it has documented contamination according to the EDR and it is not adjacent to the corridor.	Brownfield? Area extends from NW 3rd Street to NW 8th Street.
149	387-397	NA	B-11, B-12	ServiceMaster Remediation	933 NW 31st Ave, Pompano Beach, FL 33069	Not Identified	26.240705	-80.167801	11881	Broward Co HM	Office/Shop	512	Not Specified	Not Specified	Low	None	This site is assigned a Low risk since it has documented remediation activity according to the EDR and it is not adjacent to the corridor.	Active. Located with the Contractors Business Park complex.
150	None	NA	B-11, B-12	Former Tropic Oil Co-Contractors Business Pk	1001 NW 31st Ave, Pompano Beach, FL	Not Identified	26.241066	-80.167957	9804698	Broward Co HM	Office	402	Not Specified	Not Specified	Low	None	This site is assigned a Low risk since it has documented contamination according to the EDR and it is not adjacent to the corridor.	Currently MS Medical Testing Solutions. Located with the Contractors Business Park complex.
151	427	NA	B-11, B-12	Iso-Tech Industries	1141 NW 31st St.	Not Identified	26.241114	-80.165597	5889	Broward Co HM	Warehouse	362	Not Specified	Not Specified	Low	None	This site is assigned a Low risk since it has documented contamination according to the EDR and it is not adjacent to the corridor.	Not visited due to unsafe conditions. Obtain Google street view image.
152	344-349	NA	B-11, B-12	Pompano Truck Stop; Former Phillips 66-#22219	1101 NW 31st Ave, Pompano Beach, FL	484233190020	26.242451	-80.165842	8943586; 8502531	RGA LUST, LUST, UST, DWM Contam,	Gas Station	Within Project Corridor	Petroleum	NFA	Low	None	This site is assigned a Low risk since it has documented remediation activity including an NFA and it is not adjacent to the corridor.	No active remediation system observed. The previous May 2017 CSER identified this site (Site #19) as a Medium risk site.
153	381	NA	B-11, B-12	Proposed Pond Site	1233 NW 31st Avenue, Pompano, FL	Not Identified	26.242836	-80.164507	Not Assigned	Site Reconnaissance	Grassy/ Wooded Lot	Within Project Corridor	None	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and there were no signs of contamination sources.	Not visited. No safe access. Obtain Google street view image. Vacant field east of NW 31st Ave (across from Travelodge).
154	365	NA	B-11, B-12	FDOT Pompano Site Debris Staging Area	SE Fl. Turnpike & Coconut Creek Pkwy. Inters., Coconut Creek FL 33069	484233280010	26.24314	-80.165639	98065	SWF/LF	Vacant Field	Within Project Corridor	Not Specified	None	No	None	This site is assigned a No risk rating since the disaster debris management area has no documented contamination or other environmental concerns. This site is not adjacent to the corridor.	Not visited. No safe access. Obtain Google street view image.
155	151-154	NA	B-11, B-12	AT&T Mobility - CDZE	1401 Northwest 33 Drive, Pompano Beach, FL 33069	484233000328	26.243586	-80.167328	4983102	Broward Co HM, Tier 2	Cell Tower	Within Project Corridor	Sulfuric Acid	None	Low	None	This site is assigned a Low risk rating since there is no documented contamination or other environmental concerns. Onsite storage of sulfuric acid was reported on the Tier 2 reports. This site is located within the corridor.	Not visited. No safe access. Obtain Google street view image.

**Table B-1 Potential Contamination Sites  
Florida Turnpike from I-595 to Wiles Road**

12/2/22 SITE NO.	EDR NO.	PHOTO NUMBERS	FIGURE NUMBERS	SITE NAME	ADDRESS	PARCEL NUMBERS	LATITUDE (Decimal Degrees)	LONGITUDE (Decimal Degrees)	FACILITY ID (EPA / FDEP / BCEPD)	SELECTION RATIONALE	FACILITY TYPE	APPROXIMATE DISTANCE TO NEAREST POINT OF PROJECT CORRIDOR (FEET)	CONTAMINATION CONCERN	REMEDIATION STATUS	CONTAMINATION RISK RATING	RECOMMENDATION	RATIONALE FOR RISK RATING	SITE RECONNAISSANCE NOTES
156	None	NA	B-11, B-12	Proposed Pond Site	Southeast corner of Florida's Turnpike and Dr. MLK Blvd.	Not Identified	26.243882	-80.167009	Not Assigned	Site Reconnaissance	Vacant Field	Within Project Corridor	None	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and there were no signs of contamination sources.	Proposed pond site.
157	None	NA	B-11, B-12	T-Mobile USA, INC - BCC Tower, FB1014/FB1360	1000 Coconut Creek Pky.	Not Identified	26.244082	-80.169332	7816	Not Specified	Cell Tower	231	Not Specified	Not Specified	No	None	This site is assigned a Low risk rating since there is no documented contamination or other environmental concerns. This site is located adjacent to the corridor.	Active. No issues observed.
158	7	NA	B-11, B-12	Biomass Recycling - Pompano	1413 NW 33rd Dr., Pompano Beach, FL 33069	Not Identified	26.244154	-80.166969	102468	SWF/LF	Yard Waste Recycler	Within Project Corridor	Biomass/Yard Waste Recycling	Not Specified	Low	None	This site is assigned a Low risk rating since there is no documented contamination or other environmental concerns. The site is permitted for yard waste recycling. This site is located within the corridor.	Not visited. No safe access. Obtain Google street view image. Check historical images. Web search name. Permitting doc from Oculus saved in file. Permit filed good through 2016. Fac ID 00102468. Permit is only for "Yard Trash"
159	168	NA	B-11, B-12	Southeastern Power Products	2880 Hammondville Rd., Pompano Beach, FL 33069	484233030031	26.244701	-80.162527	11880	Broward Co. HM	Light Industrial	148	Not Specified	Not Specified	Low	None	This site is assigned a Low risk rating since there is no documented contamination or other environmental concerns. The site has a Broward County Hazardous Materials facility ID. This site is located adjacent to the corridor.	Active. Marine generator sales and service.
160	84,86	NA	B-11, B-12	McDonalds Corporation	1490 NW 31st Ave, Pompano Beach, FL 33069	110055215413	26.244756	-80.164307	FLR10MP99	FINDS, ECHO, ASBESTOS, Broward Co HM	Former Auto Repair	Within Project Corridor	Not Specified	Not Specified	Low	None	This site is assigned a Low risk rating since it is a former auto repair shop with no documented contamination. The site is located adjacent to the corridor.	Former gas station? Check aerials. No monitoring wells or remediation system observed. Obtain Google street view image if necessary.
161	133-140	161-1, 161-2	B-11, B-12	Amerika Gas	1493 NW 31st Ave, Pompano Beach, FL 33069	484233000321	26.244762	-80.165085	73381099 - FLD984209536	LUST, UST, CLEANUP Site, DWM Contam, RCRA Non Gen/NLR, FINDS, ECHO, Broward Co HM	Gas Station	Within Project Corridor	Petroleum	Active Cleanup	High	Level II - Soil and groundwater sampling for petroleum constituents	This site is assigned a High risk rating since it is a documented contamination site and is adjacent to the corridor. The site is an active UST site.	AS/VE remediation system in operation. The previous May 2017 CSER identified this site (Site #17) as a High risk site.
162	375	NA	B-11, B-12	Hammondville Shoppes, LLC.	2740 Hammondville Rd, Pompano Beach, FL 33069	110032791227	26.24498	-80.161016	110032791227	FINDS ECHO	Parking Lot	165	Not Specified	Not Specified	No	None	This site is assigned a No risk rating since there is no documented contamination or other environmental concerns and the site is not adjacent to the project corridor.	Booby Trap parking. One building on site.
163	77	NA	B-11, B-12	Booby Trap	2840 Hammondville Rd. Pompano Beach, FL 33069	484233030064	26.244992	-80.161691	11846	Broward Co HM	Night Club	45	Not Specified	Not Specified	Low	None	This site is assigned a Low risk rating since there is no documented contamination or other environmental concerns. This site is located adjacent to the corridor.	Active.
164	209	NA	B-11, B-12	Camp USA	Hammondville Rd., Pompano Beach, FL 33069	484233030010	26.245555	-80.161458	110028303253	FINDS ECHO	RV Rental	81	Not Specified	Not Specified	Low	None	This site is assigned a Low risk rating since there is no documented contamination or other environmental concerns. This site is located adjacent to the corridor.	Active. No issues observed.
165	109-110	NA	B-11, B-12	Top Self Storage	2855 Hammondville Rd., Pompano Beach, FL 33069	484228000353	26.245641	-80.162165	FLR10RM11	FINDS ECHO, NPDES	Storage	104	Not Specified	Not Specified	Low	None	This site is assigned a Low risk rating since there is no documented contamination or other environmental concerns. This site is located adjacent to the corridor.	Active. No issues observed at entry. No access to majority of site.
166	5;331-335	166-1, 166-2	B-11, B-12	Coconut Creek Developers, Inc.; Wynmoor Community Council	3333 Coconut Creek Pky., Coconut Creek, FL 33066	Not Identified	26.24572	-80.169176	8838274; 9809742	AST	Residential/Resort	144	Petroleum	Not Specified	Low	None	This site is assigned a Low risk rating since it is a closed site with ASTs. Closure activities or assessment of the ASTs are not specified. The site is adjacent to the corridor.	No access. Gated.
167	None	NA	B-11, B-12	Proposed Pond Site	Northeast of the intersection of Florida's Turnpike MP 67 Entrance/Exit Ramp and Dr. MLK Blvd.	Not Identified	26.245971	-80.164305	Not Assigned	Site Reconnaissance	Vacant Field	Within Project Corridor	None	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and there were no signs of contamination sources.	Proposed pond site.
168	None	NA	B-11, B-12	Existing Pond Site	Northwest of the intersection of Florida's Turnpike MP 67 Entrance/Exit Ramp and Dr. MLK Blvd.	Not Identified	26.246111	-80.165899	Not Assigned	Site Reconnaissance	Stormwater Pond	Within Project Corridor	None	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and there were no signs of contamination sources.	Existing pond site.
169	None	169-1, 169-2, 169-3	B-11, B-12	Sunshine State Parkway Pompano Maintenance Area	Pompano Beach, FL	Not Identified	26.247332	-80.16549	8622424	Not Specified	DOT Operations	Within Project Corridor	Not Specified	Not Specified	Medium	Level II - Soil and groundwater sampling for petroleum and metals	The site is assigned a Medium risk rating since it is a former UST location located within the corridor. There was little information found about the site.	Active. Former UST location and monitoring well observed. Former vehicle maintenance bays present. One generator with Convault® diesel fuel AST.



**Table B-1 Potential Contamination Sites  
Florida Turnpike from I-595 to Wiles Road**

12/2/22 SITE NO.	EDR NO.	PHOTO NUMBERS	FIGURE NUMBERS	SITE NAME	ADDRESS	PARCEL NUMBERS	LATITUDE (Decimal Degrees)	LONGITUDE (Decimal Degrees)	FACILITY ID (EPA / FDEP / BCFPD)	SELECTION RATIONALE	FACILITY TYPE	APPROXIMATE DISTANCE TO NEAREST POINT OF PROJECT CORRIDOR (FEET)	CONTAMINATION CONCERN	REMEDIATION STATUS	CONTAMINATION RISK RATING	RECOMMENDATION	RATIONALE FOR RISK RATING	SITE RECONNAISSANCE NOTES
170	107	NA	B-11, B-12	North Broward Detention Center	1550 Blount Rd., Pompano Beach, FL 33069	Not Identified	26.247403	-80.163246	FLT000065417; 9102704	RCRA VSQG, LUST, UST, AST, DWM Contam, Financial Assurance	Prison	278	Petroleum	NFA	Low	None	This site is assigned a Low risk rating since it is a LUST site with an NFA. According to the EDR report, the site had contaminated groundwater. The site is adjacent to the corridor.	Active. No access.
171	None	NA	B-11, B-12	Proposed Pond Site	Northeast of the intersection of Florida's Turnpike MP 67 Entrance/Exit Ramp and Dr. MLK Blvd.	Not Identified	26.247826	-80.164252	Not Assigned	Site Reconnaissance	Vacant Field	Within Project Corridor	None	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and there were no signs of contamination sources.	Proposed pond site.
172	186	NA	B-11, B-12, B 13	Warehouse	1601 Blount Road, Pompano Beach, FL 33069	Not Identified	26.249276	-80.16432	15155	Broward Co HM, Tier 2	Warehouse/ Office	151	Not Specified	Not Specified	Low	None	This site is assigned a Low risk rating since there is no documented contamination or other environmental concerns. This site is located adjacent to the corridor.	Active. Currently GlasLam. Provide glass manufactures with technology and products for laminating and insulating glass.
173	155-158; 171-173	NA	B-11, B-12, B 13	Crown Roofing; Former Roof Systems Services; Former Shane Crane, Inc.	1621 NW 30Th Ave, Pompano Beach, FL 33069	484228090010	26.249808	-80.164474	6624	Broward Co HM, Tier 2	Roofing Company	259	Not Specified	Not Specified	Low	None	This site is assigned a Low risk rating since there is no documented contamination or other environmental concerns. This site is located adjacent to the corridor.	Active. Currently Crown Roofing. Combine with 260, 262, and 264.
174	461-463	NA	B-11, B-12, B 13	Broward County Fleet Service Centers 3; Solids Receiving Facility - BC Highway & Bridges; Broward County WWS WMD Aquatic Weed Management	1600 Blount Rd., Pompano, FL	Not Identified	26.25003	-80.16331	104967	SWF/LF, Broward Co. EDIEAR, Broward Co HM, Tier 2	County Facilities	510	Not Specified	None	No	None	This site is assigned a No risk rating since the disaster debris management area has no documented contamination or other environmental concerns. This site is not adjacent to the corridor.	No access to majority of site. Gated. Broward County Facilities. Broward County Highway & Bridge Maintenance Division. One AST observed. Combine with 266 and 270. The previous May 2017 CSER identified this site (Site #15) as a Medium risk site.
175	None	NA	B-11, B-12, B 13	Existing Pond Site	Interior of Florida's Turnpike Southbound Exit/ Entrance Ramp at MP 67	Not Identified	26.250055	-80.167471	Not Assigned	Site Reconnaissance	Stormwater Pond	Within Project Corridor	None	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and there were no signs of contamination sources.	Existing pond site.
176	366-371	NA	B-11, B-12, B 13	Louis Berge Services; Former Transfield Services; Former Albar Precious Metals Refining Inc	1701 Blount Rd. Suite C, Pompano Beach, FL 33069	484228090021	26.250294	-80.164303	FLR000118554; FLR000178863; FINDS: 110043987558; 110022310186	FINDS; ECHO: RCRA NonGen; VSQG	Warehouse/ Office	426	Hazardous Waste / Petroleum	NA	No	None	This site is assigned a No risk rating since there is no documented contamination or other environmental concerns and the site is not adjacent to the project corridor.	Active. Currently Louis Berge Services.
177	206	NA	B-11, B-12, B 13	Ad Graphics	1711 Blount Rd. Ste. A, Pompano Beach, FL 33069	484228090022	26.250549	-80.165335	FLR000058461; FINDS: 110005657645	VSQG; FINDS; ECHO	Warehouse/ Office	235	Hazardous Waste	NA	Low	None	The site is assigned a Low risk rating since it is in a state program, has no documented contamination, and is adjacent to the project corridor. The facility was unoccupied at the time of the site reconnaissance.	Vacant.
178	None	NA	B-11, B-12, B 13	Existing Pond Site	Immediately west of Florida's Turnpike Southbound Exit/ Entrance Ramp at MP 67	Not Identified	26.252154	-80.167538	Not Assigned	Site Reconnaissance	Stormwater Pond	Within Project Corridor	None	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and there were no signs of contamination sources.	Existing pond site.
179	313-318	NA	B-11, B-12, B 13	Former Executive Shirt Laundry, Inc.; Former Craigs Carpet Care; Former RC Oceanic, Inc.	1791 Blount Road, Pompano Beach, FL 33069	484228090060	26.252206	-80.165105	Not Assigned	Historical Cleaner	Business Park	354	Hazardous Waste	NA	No	None	This site is assigned a No risk rating since there is no documented contamination or other environmental concerns and the site is not adjacent to the project corridor.	Not located in Turnpike Commercial Plaza.
180	None	NA	B-11, B-12, B 13	George B Wittmer Associates, Inc.	1791 Blount Rd. Ste 70, Pompano, FL	Not Identified	26.252206	-80.165105	FINDS: 110006839485; FLR000009555	FINDS; ECHO; RCRA NonGen	Business Park	354	Hazardous Waste	NA	No	None	This site is assigned a No risk rating since there is no documented contamination or other environmental concerns and the site is not adjacent to the project corridor.	Not located in Turnpike Commercial Plaza.
181	BN324	NA	B-11, B-12, B 13	Former Stratford Commercial Laundry	1791 Blount Rd. Ste. 720, Pompano, FL	Not Identified	26.25271007	-80.16501838	FLD982148967; FINDS: 110005587481	RCRA NonGen; FINDS; ECHO	Business Park	Within Project Corridor	Hazardous Waste	NA	No	None	This site is assigned a No risk rating since there is no documented contamination or other environmental concerns and the site is not adjacent to the project corridor.	Not located in Turnpike Commercial Plaza.

**Table B-1 Potential Contamination Sites  
Florida Turnpike from I-595 to Wiles Road**

12/2/22 SITE NO.	EDR NO.	PHOTO NUMBERS	FIGURE NUMBERS	SITE NAME	ADDRESS	PARCEL NUMBERS	LATITUDE (Decimal Degrees)	LONGITUDE (Decimal Degrees)	FACILITY ID (EPA / FDEP / BCFEPD)	SELECTION RATIONALE	FACILITY TYPE	APPROXIMATE DISTANCE TO NEAREST POINT OF PROJECT CORRIDOR (FEET)	CONTAMINATION CONCERN	REMEDIATION STATUS	CONTAMINATION RISK RATING	RECOMMENDATION	RATIONALE FOR RISK RATING	SITE RECONNAISSANCE NOTES
182	None	NA	B-11, B-12, B-13	Former UPS Freight (Wilson Trucking Corp)	1801 Blount Rd., Pompano Beach, FL	Not Identified	26.252436	-80.164763	8622559; Broward County HM: 15315 FLD981869084;	LUST; UST; DWM Contamination; Financial Assurance; Broward County HM; RCRA NonGen	Trucking Distribution	468	Petroleum	Complete - SRCO	Low	None	The site is assigned a Low risk rating since it is in a state program, has documented contamination, is not adjacent to the project corridor, and the site has been issued an SRCO. The site received an FDEP SRCO Letter on December 24, 2014.	Current Tforce Freight. No access. Gated.
183	230-235	NA	B-11, B-13	Former Consolidated Freightways - FIF	1901 Blount Rd., Pompano Beach, FL 33069	484228A0460	26.254248	-80.165445	FLD984188250; FINDS: 110005599478; 8622398; OHMIT: 16166	RCRA Non Gen; FINDS; ECHO; UST; SPILLS; Financial Assurance; Broward County HM.	Trucking Distribution	272	Petroleum	NFA	Low	None	The site is assigned a Low risk rating since it is in a state program, has no documented contamination, and is adjacent to the project corridor. According to a July 15, 2003, Broward County indicated "Closure meets Chapter 62-761/762 FAC requirements, no contamination reported-No Further Action was given" as a response to a July 1998 Tank Closure Assessment Report (TCAR). The 10,000 gallon UST has been removed from the site. No additional information is available for review.	Active. Currently Central Transport. Truck maintenance. Former UST/AST site. Old monitoring wells observed.
184	214-218	NA	B-11, B-13	Former Sunbelt Transformer LTD.; Former D C Hiatt Trucking, Inc.	2063 Blount Rd., Pompano Beach, FL 33069	484228090100	26.255653	-80.165544	FINDS: 110055100448; Tier 2: 7103828; 9200371; Broward County HM: '00175	FINDS, ECHO, TIER 2; UST; AST; AIRS; Financial Assurance; Broward County HM; HMIRS	Warehouse/ Office/ Construction Yard	258	Petroleum	NA	Low	None	The site is assigned a Low risk rating since it is in a state program, has no documented contamination, and is adjacent to the project corridor. According to a July 21, 2011, Storage Tank Facility Annual Compliance Inspection Report, the USTs and ASTs have been removed from the site and the facility is in compliance. No additional information is available for review.	Active. Currently Edison Power Constructors. New transformers (pole-mounted) staged in back.
185	399	NA	B-11, B-13	Former Tampa Armature Works, Inc.	2059 Blount Rd., Pompano Beach, FL 33069	484228090110	26.255832	-80.164791	01411	Broward County HM	Business Park	509	Not Specified	NA	No	None	This site is assigned a No risk rating since there is no documented contamination or other environmental concerns.	Active. Currently Silver Lining (Inflight Catering)
186	192-193	NA	B-11, B-13	Ofra Cosmetic Laboratories	2141 Blount Rd., Pompano Beach, FL 33069	484228090121	26.256558	-80.165784	07202; 16778	Broward County HM	Office/ Manufacture/ Warehouse	208	Not Specified	NA	No	None	This site is assigned a No risk rating since there is no documented contamination or other environmental concerns.	Cosmetics facility. Two ASTs and chemical totes observed. AST contents unknown. Generator on east side of building.
187	373-374	NA	B-11, B-13	Next U S A Corporation	2131 Blount Rd., Pompano Beach, FL 33069	484228090141	26.256567	-80.165065	07300	Broward County HM	Office/ Warehouse	442	Not Specified	NA	No	None	This site is assigned a No risk rating since there is no documented contamination or other environmental concerns.	No name outside of building. Google maps indicate M.D. Science Lab.
188	473	NA	B-13	Former L C Clark Tire Company, Inc.	2110 Blount Rd., Pompano Beach, FL 33069	484228090142	26.256593	-80.163496	96291	SWF/LF Waste Tire Collector	Auto Service	955	Not Specified	NA	No	None	This site is assigned a No risk rating since there is no documented contamination or other environmental concerns.	Active. Currently Reach Equipment and Rental.
189	353-354	NA	B-13	Former Diversified Nano Solutions Corporation	2161 Blount Rd., Pompano Beach, FL 33069	484221100150	26.257339	-80.165239	110070341566	FINDS	Office/ Warehouse	427	Not Specified	NA	No	None	This site is assigned a No risk rating since there is no documented contamination or other environmental concerns.	Currently Carpet Tech. Office appears vacant. Warehouse is in use.
190	67	NA	B-11, B-13	Nixon Transport 2006-21-6174	FL Turnpike N Between Hammondville Rd and Sample Rd, MP 68.3, Pompano Beach, FL 33069	484228070022	26.257396	-80.166412	9808741	Emergency Response Spill	Highway	52	Petroleum	Complete - SRCO	Low	None	The site is assigned a Low risk rating since it has resolved contamination with issuance of a Site Rehabilitation Completion Order (SRCO). According to a Post Active Remediation Monitoring and Site Rehabilitation Completion Report, a tanker truck overturned on the Turnpike and released an estimated 5,000 gallon of unleaded gasoline to the unpaved embankment. Site assessment activities, remedial actions, and post remedial action monitoring took place at the site.	Potential spill. Not located. Exact location unknown. Consider removing if there is no documentation indicating the exact location. Otherwise, provide Google street view image of location provided in documentation.
191	None	NA	B-13	Aramark Uniform Services; Former Coca Cola Distribution Center	2351 NW 30Th Ave, Pompano Beach, FL	484228090161	26.258332	-80.166125	9200047; 14884	Broward County HM	Commercial Laundry	203	Petroleum	Source Removal Complete	Low	None	The site is assigned a Low risk rating since it has resolved contamination. According to a Broward County Review Letter, dated June 14, 2012, no additional work is required at this facility.	No access. Gated. Large AST observed. Contents unknown.
192	210	NA	B-13	Wynmoor Community Council Fuel Depot	2395 N Wynmoor Rd., Coconut Creek, FL	484228090151	26.258785	-80.167853	9809069	AST	Fuel Depot	146	Petroleum	None	Low	None	The site is assigned a Low risk rating since it is in a state program, has no documented contamination, and is adjacent to the project corridor. According to a January 5, 2022, Storage Tank Facility Routine Inspection Report, the ASTs were in good condition with no leaks.	Not visited. No access. Gated. Obtain Google street view.



**Table B-1 Potential Contamination Sites  
Florida Turnpike from I-595 to Wiles Road**

12/2/22 SITE NO.	EDR NO.	PHOTO NUMBERS	FIGURE NUMBERS	SITE NAME	ADDRESS	PARCEL NUMBERS	LATITUDE (Decimal Degrees)	LONGITUDE (Decimal Degrees)	FACILITY ID (EPA / FDEP / BCEPD)	SELECTION RATIONALE	FACILITY TYPE	APPROXIMATE DISTANCE TO NEAREST POINT OF PROJECT CORRIDOR (FEET)	CONTAMINATION CONCERN	REMEDIATION STATUS	CONTAMINATION RISK RATING	RECOMMENDATION	RATIONALE FOR RISK RATING	SITE RECONNAISSANCE NOTES
193	432	NA	B-13	Former Alpha 250	Blount Road and Copans Pompano Beach, FL 33069	484221000250	26.26092	-80.165256	98990	SWF/LF	Warehouse / Sales Floor	694	Not Specified	None	No	None	This site is assigned a No risk rating since the disaster debris management area has no documented contamination or other environmental concerns.	Active. Currently Marble of the World.
194	None	194-1, 194-2	B-13	Broward County Mass Transit	3201 West Copans Road, Pompano Beach, FL	Not Identified	26.260013	-80.165621	FLD981868847; 8732770	VSQG; LUST; UST; AST; FINDS; ECHO; Asbestos; Broward County EDIAR; Financial Assurance; Broward County HM	Offices/ Bus Services - Maintenance	Adjacent	Hazardous Waste / Petroleum	Ongoing Site Assessment	Medium	Level II - Soil and groundwater sampling for petroleum and metals	The site is assigned a Medium risk rating since it is in a state program, has documented contamination, is adjacent to the project corridor, and is in a cleanup program. According to a Template Site Assessment Report (TSAR) dated October 29, 2020, several discharges of petroleum product, from underground storage tank systems, have occurred over the years. The TSAR identifies several contaminants of concern at concentrations in soil and groundwater exceeding their applicable Cleanup Target Levels of Chapter 62-777, Florida Administrative Code. Accordingly, the site will remain in the Petroleum Restoration Program to await future cleanup funding based upon priority score order. Broward County recommends that, at that time, further assessment of Total Recoverable Petroleum Hydrocarbon impacts to groundwater be conducted. Site assessment activities are ongoing.	Active. No access. Gated. UST vent pipes observed (beyond 500 foot buffer). Combine with 290.  The previous May 2017 CSER identified this site (Site #4) as a Medium risk site.
195	278	195-1, 195-2	B-13, B-14	Former Desrocher Sand And Rock - Desrocher Pit; Former Rock Lake Parcel H	2700 NW 33 St., Pompano Beach, FL	484221000121	26.269171	-80.166947	BCEPD: NF-2887 10306091; MRDS: AG00024	MINES MRDS	Warehouses/ Substation	287	VOCs, Metals, TDS, Phenols, NH3	NFA with Controls	High	Level II - Soil and groundwater sampling for VOCs, SVOCs, pH, ammonia, aluminum and iron	This site is assigned a High risk rating since it is in a state/local program, has documented contamination, is adjacent to the project corridor, and has a Declaration of Restrictive Covenant. At the time of the site reconnaissance, the site was occupied by an electrical substation, warehouses, and a natural gas compressor station. According to historical laboratory analytical results, contaminants in groundwater and surface water exceeded cleanup target levels. The extent of groundwater impacts have not been defined laterally. Broward County approved a No Further Action with Controls on September 17, 2018.	Site formerly a sand pit (?) which has been filled in. Site is occupied with Unoccupied Distribution/Warehouse (3150 and 3250 NW 33rd Street (?), electrical substation, and FGT CS 21.5).  The previous May 2017 CSER identified this site (Site #3) as a High risk site.
196	None	NA	B-13, B-14	Existing Pond Site	Southwest corner of Florida's Turnpike and West Sample Road	Not Identified	26.271583	-80.170037	Not Assigned	Site Reconnaissance	Stormwater Pond	Within Project Corridor	None	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and there were no signs of contamination sources.	Existing pond site.
197	None	NA	B-13, B-14	Existing Pond Site	Southeast corner of Florida's Turnpike and West Sample Road	Not Identified	26.272015	-80.167582	Not Assigned	Site Reconnaissance	Stormwater Pond	Within Project Corridor	None	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and there were no signs of contamination sources.	Existing pond site.
198	1	NA	B-13, B-14	Tradewinds Park Debris Staging Area	3600 W. Sample Road, Coconut Creek, FL	Not Identified	26.273238	-80.172948	98066	SWF/LF	Park	246	Not Specified	NA	No	None	This site is assigned a No risk rating since the debris staging area has no documented contamination or other environmental concerns.	Active. Baseball fields.
199	378	NA	B-13, B-14	T4993 Copans Road Mobility Improvements	Not Reported Coconut Creek, FL 33066	484220040030	26.27574	-80.170927	FLR10SM77	Construction Stormwater General Permit	Park	350	None	None	No	None	This site is assigned a No risk rating since this facility has an active Construction Stormwater GP for which effluent, reclaimed water or wastewater residual discharge into the environment and/or monitoring is taking place. EDR does not provide an address; however, a search of Permit No. FLR10SM77 in Oculus indicates this facility has an address of 3600 West Sample Road (Tradewinds Park). No documentation or additional information is available.	Not located. Address (4993 Copans Road) is beyond the project limits. Exact location unknown. Mapped coordinates includes the County's construction equipment staging area (picnic tables, mobile bleachers, vegetative waste, Conex boxes, etc.) Camera photo numbers document this area. Consider removing if there is no documentation indicating the exact location.
200	NA	NA	B-13, B-14	Proposed Pond Site	Between Florida's Turnpike (Southbound Lanes at MP 69.75) and Equine-Assisted Therapies of South Florida	Not Identified	26.27925	-80.169385	Not Assigned	Site Reconnaissance	Turnpike ROW/ Grassy area	Within Project Corridor	None	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and there were no signs of contamination sources.	Proposed pond site.
201	399	201-1	B-14	CDSL Power-Production Facility	3140 NW 48th Street, Pompano Beach, FL	484216100010	26.287731	-80.16701	Not Assigned	RGA LF	Power Facility	562	Not Specified	Not Reported	Medium	Level II - Soil and groundwater sampling for VOCs, SVOCs, metals, pesticides, herbicides and PFAS	This site is assigned a Medium risk rating since this facility is associated with the Monarch Landfill operated by Waste Management. No additional information is available.	No access. Gated.
202	NA	NA	B-14	Proposed Pond Site	Southwest corner of Florida's Turnpike and Wiles Road	Not Identified	26.28784	-80.170148	Not Assigned	Site Reconnaissance	Wooded Lot	Within Project Corridor	None	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and there were no signs of contamination sources.	Proposed pond site.

**Table B-1 Potential Contamination Sites  
Florida Turnpike from I-595 to Wiles Road**

12/2/22 SITE NO.	EDR NO.	PHOTO NUMBERS	FIGURE NUMBERS	SITE NAME	ADDRESS	PARCEL NUMBERS	LATITUDE (Decimal Degrees)	LONGITUDE (Decimal Degrees)	FACILITY ID (EPA / FDEP / BCEPD)	SELECTION RATIONALE	FACILITY TYPE	APPROXIMATE DISTANCE TO NEAREST POINT OF PROJECT CORRIDOR (FEET)	CONTAMINATION CONCERN	REMEDIATION STATUS	CONTAMINATION RISK RATING	RECOMMENDATION	RATIONALE FOR RISK RATING	SITE RECONNAISSANCE NOTES
203	539-542, 555-556,559,561, 562,582-582	203-1, 203-2	B-14	CDSL Transfer ST; Central Sanitary Landfill And Recycling Center; Monarch Hill Landfill Waste Management	2700-3000 NW 48th St (Hilton Rd), Pompano Beach, FL	484216010010	26.288339	-80.161901	73376524; 55093; UST 8622531; HW Gen: 50630 and FLD981019581;	RGALF; SWF/LF; UST, ICIS, US AIRS, FINDS; AIRS; Asbestos, Financial Assurance; HW Generator; Broward County	Landfill	1786	Various regulated wastes and PFAS	NAMP Semiannual Monitoring	Medium	Level II - Soil and groundwater sampling for VOCs, SVOCs, metals, pesticides, herbicides and PFAS	This site is assigned a Medium risk rating since this facility has operated as a solid waste landfill for approximately 60 years. Landfill operates under RED License Number SW-LF00076-21 [Florida Department of Environmental Protection (FDEP) Permit Number 051323-033-SC].	No access. Gated.
204	None	NA	B-14	Proposed Pond Site	Southwest corner of Florida's Turnpike and Wiles Road	Not Identified	26.289945	-80.167907	Not Assigned	Site Reconnaissance	Wooded Lot	Within Project Corridor	None	NA	No	None	This site is assigned a No risk rating since it has no documented contamination and there were no signs of contamination sources.	Proposed pond site.
205	478	NA	B-14	Mancini-Ricman Debris Staging Area	NW Corner of NW 48th Street and SW 45th Way, Deerfield Beach, FL 33442	Not Identified	26.291094	-80.16642	98073	SWF/LF	Vacant	325	Not Specified	NA	No	None	This site is assigned a No risk rating since the debris staging area has no documented contamination or other environmental concerns.	No access. Under construction.
206	475	NA	B-14	Ric-Man International Inc. (Lakefill)	1802 SW 45th Way Deerfield Beach, FL 33442	484209230020	26.291183	-80.164674	BCEPD EDIEAR: S117047944	BCEPD EDIEAR	Trailer Storage	867	Metals, Phenols	PCR (Project Closed with Restrictions)	Low	None	This site is assigned a Low risk rating since it is in a state program, has documented contamination, not adjacent to the project corridor, and is closed with restrictions. At the time of the site reconnaissance, the site was occupied by a Rooms To Go trailer storage lot.	Active.