

West Hillsboro Boulevard

Bike Lane and Lighting Improvements

from East of Parkside Dr to SR-7/ US-441

BROWARD COUNTY, FLORIDA

PROJECT ID: No 106847 AND 106848

Public Information Meeting
August 24, 2023





PRESENTER

Betsy Jeffers, P.E.
Design Project Manager
Marlin Engineering, Inc (Broward County Design Consultant)

BROWARD COUNTY COMMISSIONER MICHAEL UDINE DISTRICT 3

BROWARD COUNTY HIGHWAY CONSTRUCTION AND ENGINEERING STAFF

Richard Tornese, P.E., Director Highway Construction & Engineering

Mohammad Pervez, P.E., Broward County Project Manager

BROWARD COUNTY TRAFFIC ENGINEERING STAFF

Scott Brunner, P.E., Director Traffic Engineering

Carmelo Caratozzolo, P.E., Traffic Operations Engineer

MARLIN ENGINEERING, INC SUPPORTING STAFF

Betsy Jeffers, P.E., Marlin Project Manager

Yenny Soca, P.E., Marlin Project Engineer

PRESENTATION AGENDA

- 1. MAP Broward Video**
- 2. Project Scope & Coordination**
- 3. Project Overview**
- 4. Project Plan View**
- 5. Roundabout Design**
- 6. Roundabout Landscaping**
- 7. Landscape Modifications**
- 8. Temporary Traffic Control Plan**
- 9. Project Schedule**

MAP BROWARD

MAP Broward

Mobility Advancement Program
Brought to you by the
Penny For Transportation

Project Scope

- Adding bicycle lanes the entire length of the project.
- Mill and resurface and widen the roadway within the project limits.
- Upgrade Signing and Pavement Marking
- Construct a new roundabout at the intersection of NW 64th Terrace/NW 74th Place/Mecca Blvd.
- Install new Roadway lighting along the corridor
- Replace damaged sidewalk sections within the project limits
- Replace/upgrade noncompliant curb ramps to meet current American with Disability Act (ADA) standards

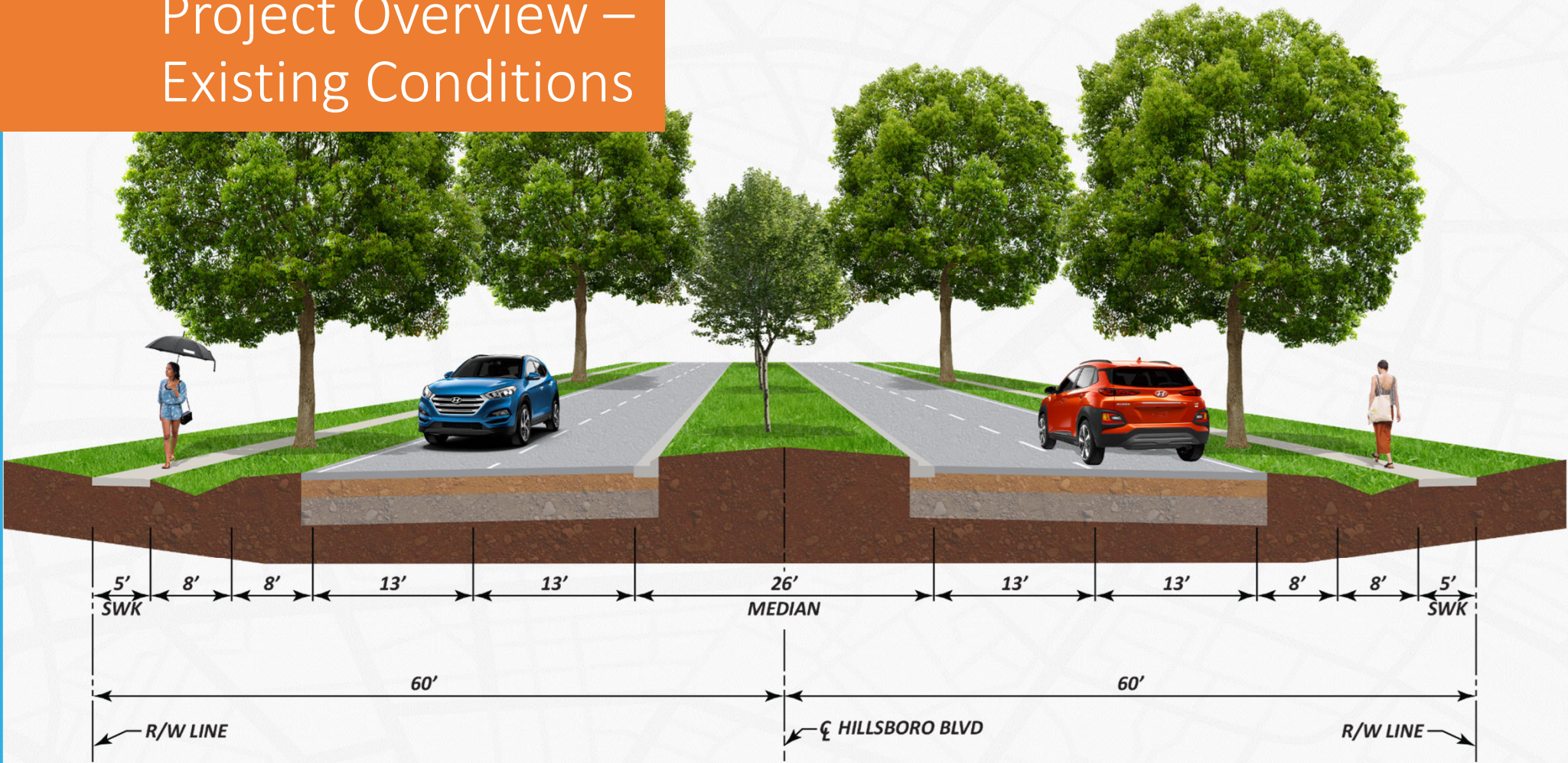
Interagency Coordination

- Broward County Highway Construction and Engineering Division (BCHCED) and City of Parkland meet every month mostly virtually to discuss various projects within City of Parkland including West Hillsboro Boulevard.
- BCHCED team also meets regularly with City of Parkland team on site for landscaping, sidewalk, lighting, roundabout design for this project.
- BCHCED and City of Parkland are working on several agreements for landscaping and lighting feature maintenance of this project.
- BCHCED also looking forward to working together with City of Parkland and communities to have a smooth construction of this project.

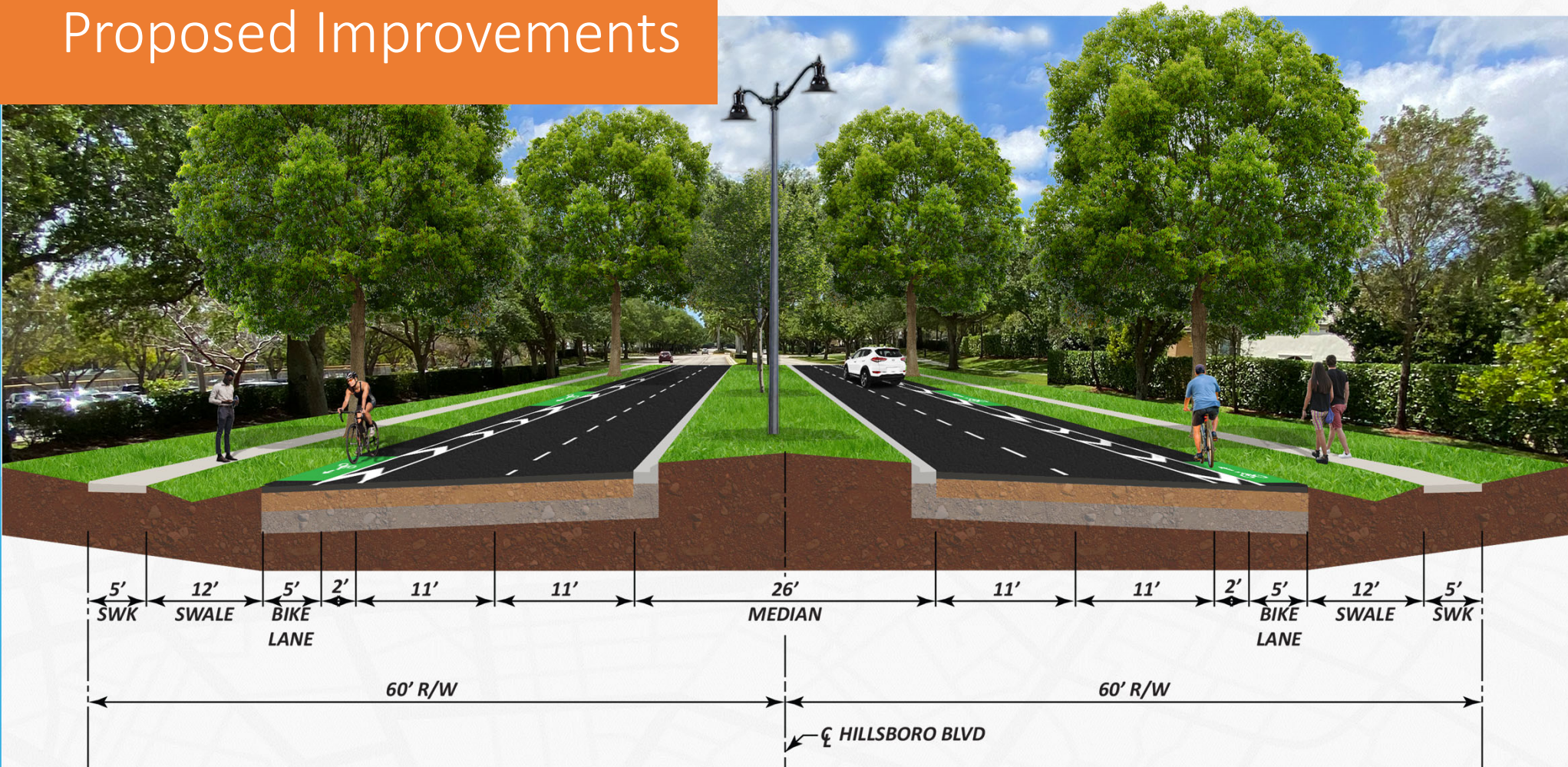
Project Overview - Limits



Project Overview – Existing Conditions



Project Overview – Proposed Improvements



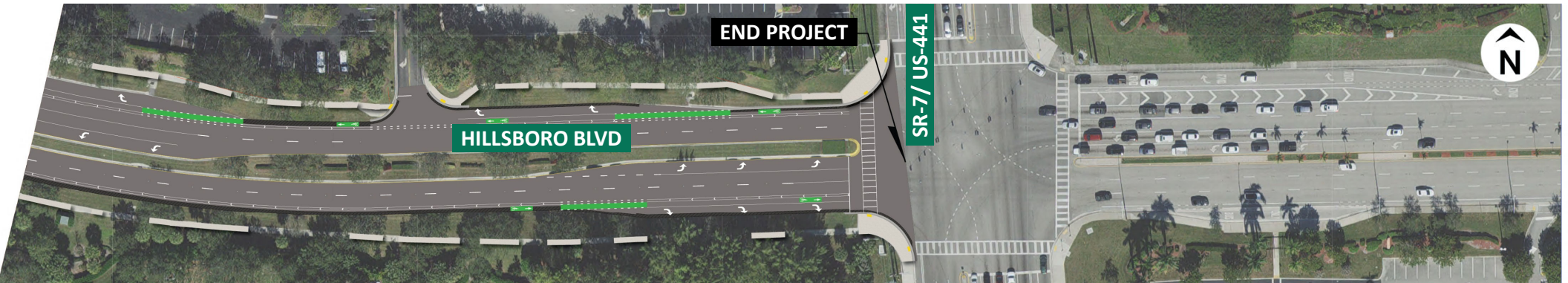
Plan View



Plan View



Plan View



Proposed Roundabout



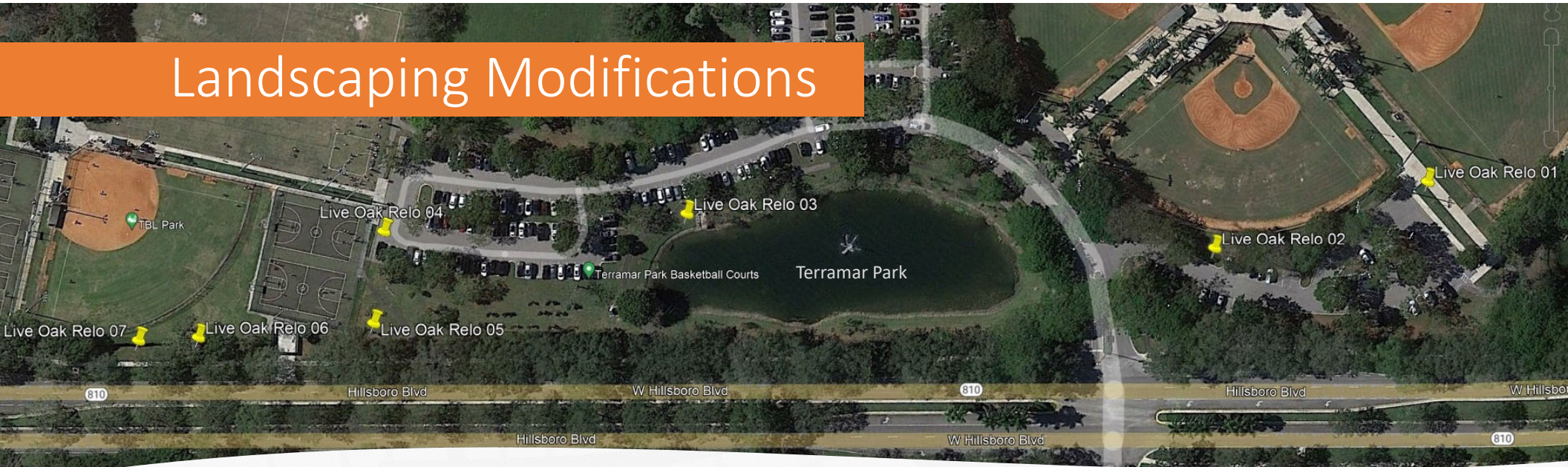
Landscaping Modifications



Tree preservation and improvements

- New lighting designed to preserve and protect tree canopy
- New Bike Lanes with reduced travel lane widths to preserve trees and create a safer travel way
- New Trees and Palms at new roundabout intersection
- Tree preservation and relocations with neighborhood

Landscaping Modifications



Tree Relocations

- Seven (07) large mature Live Oak Trees will be preserved and relocated to Terramar Park to serve the community



Landscaping Modifications

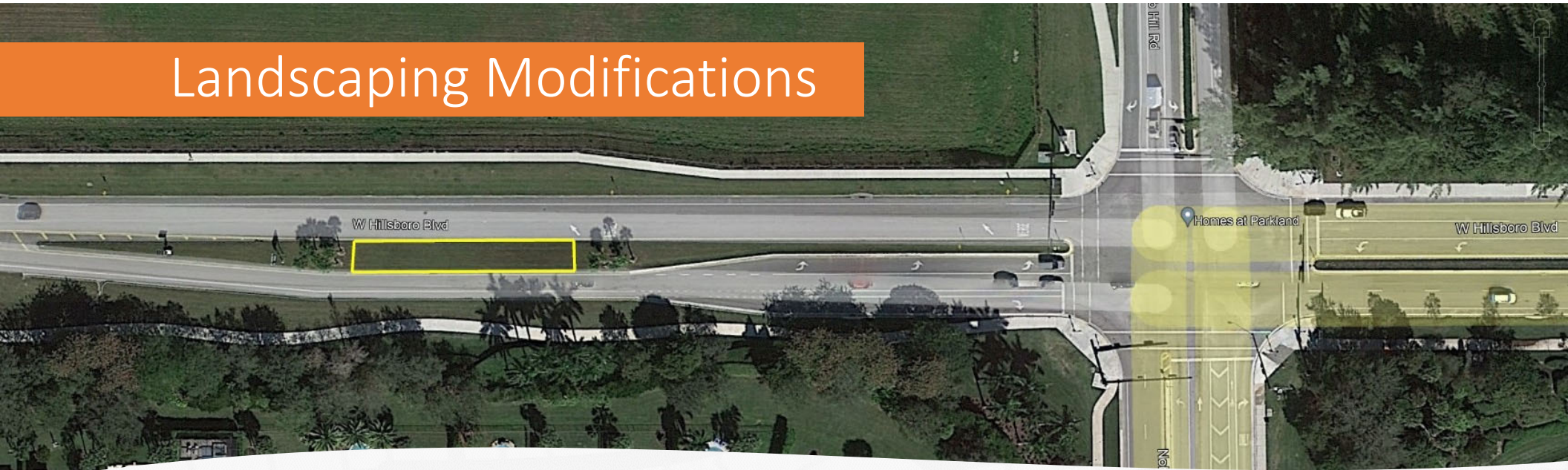


Tree Relocations

- Six (06) large mature Royal Palm Trees will be preserved and relocated to W Hillsboro Blvd Median West of US 441 within the project limits



Landscaping Modifications



Tree Relocations

- Three (03) large mature Date Palm Trees will be preserved and relocated to W Hillsboro Blvd west of Nob Hill Road



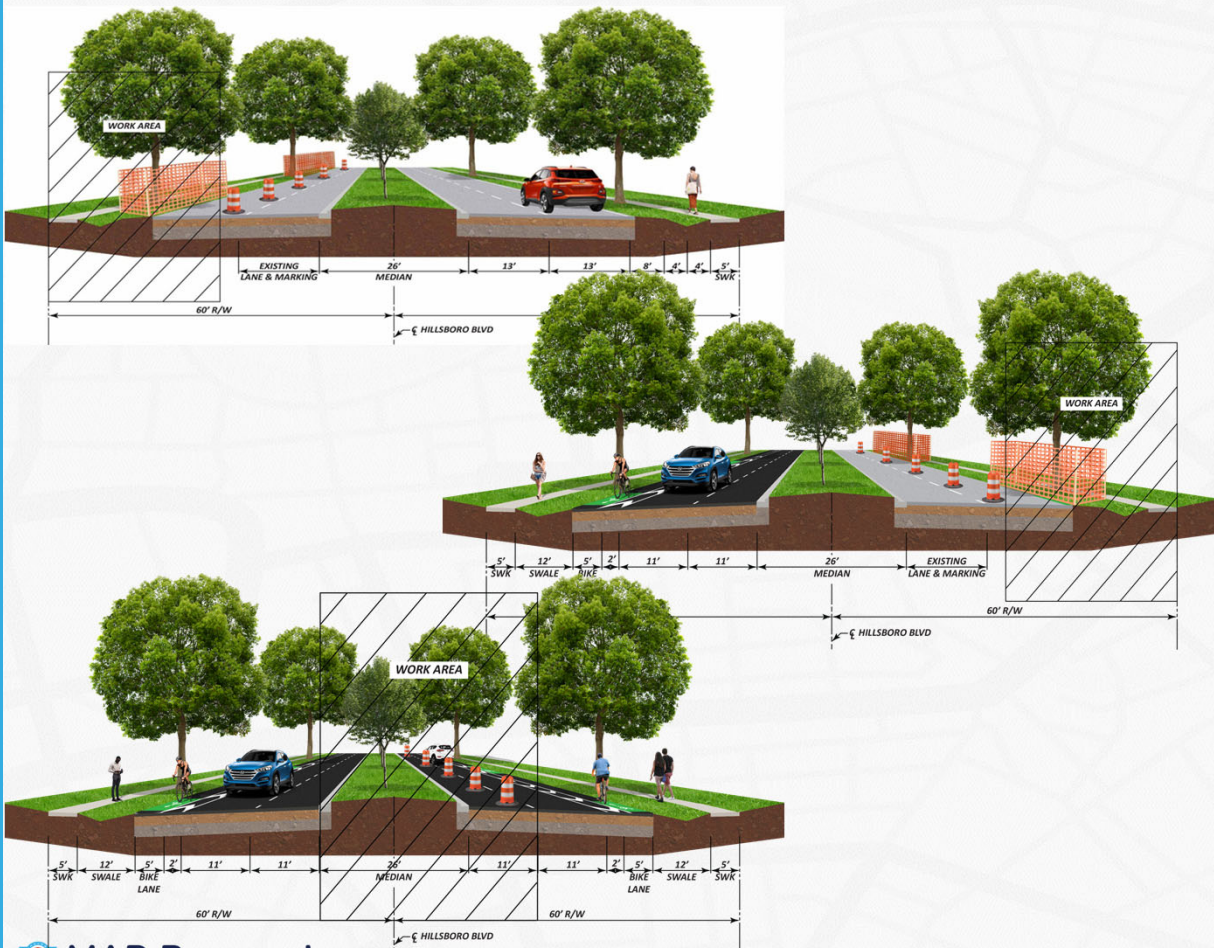
Roundabout Landscaping



Sidewalk & ADA Improvements

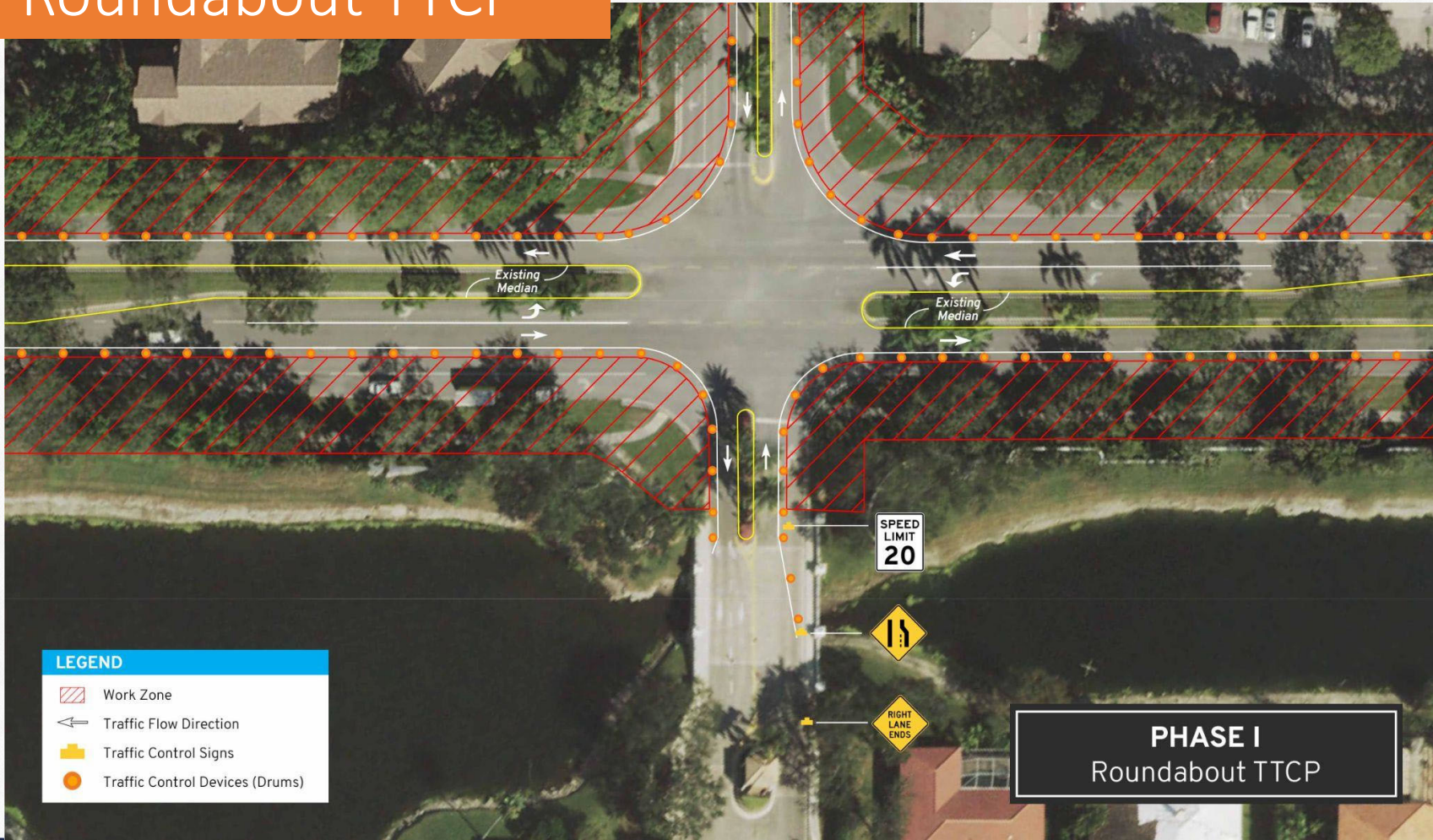


Temporary Traffic Control Plan (TTCP)




- Close outside lanes and install traffic control devices following FDOT Standard Plans
- Trim, prune, and protect trees as needed
- Construct widening, and drainage, and lighting system
- Maintain pedestrians on opposite side of the road
- Install lighting system by closing inside lanes
- Mill and resurface using lane closures

Roundabout TTCP

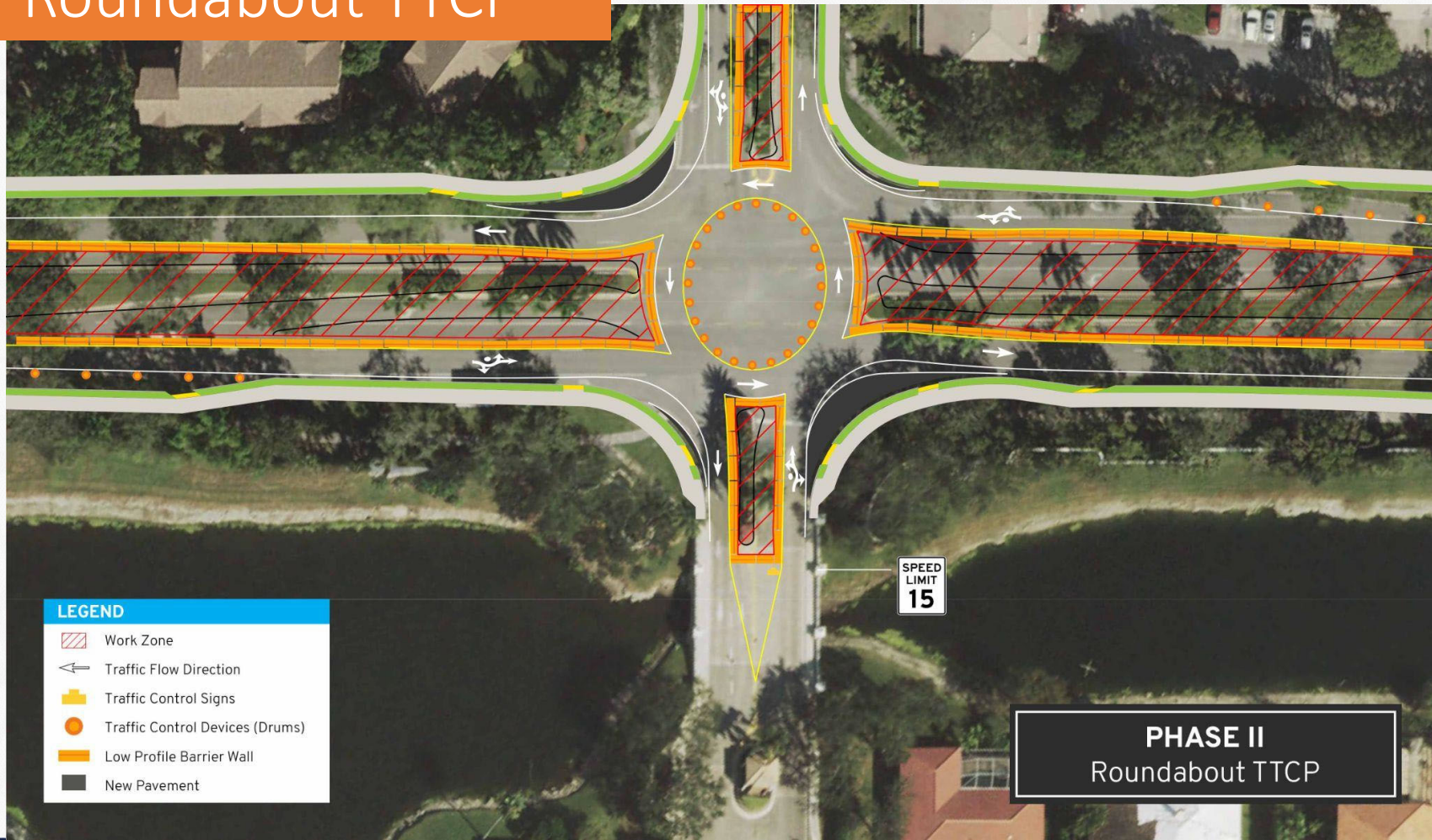


LEGEND

-  Work Zone
-  Traffic Flow Direction
-  Traffic Control Signs
-  Traffic Control Devices (Drums)

PHASE I
Roundabout TTCP

Roundabout TTCP

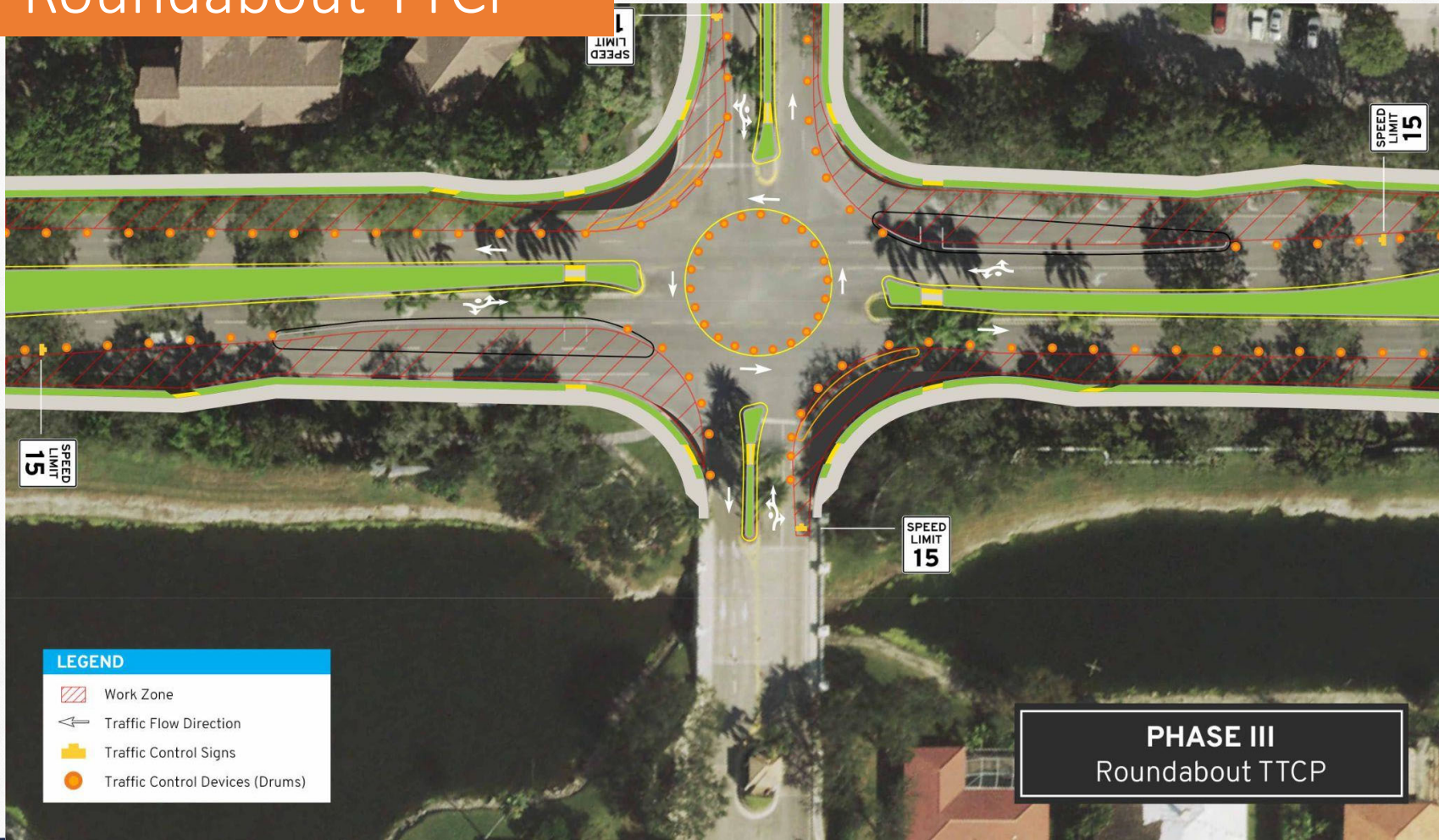


LEGEND



-  Work Zone
-  Traffic Flow Direction
-  Traffic Control Signs
-  Traffic Control Devices (Drums)
-  Low Profile Barrier Wall
-  New Pavement

PHASE II
Roundabout TTCP

Roundabout TTCP

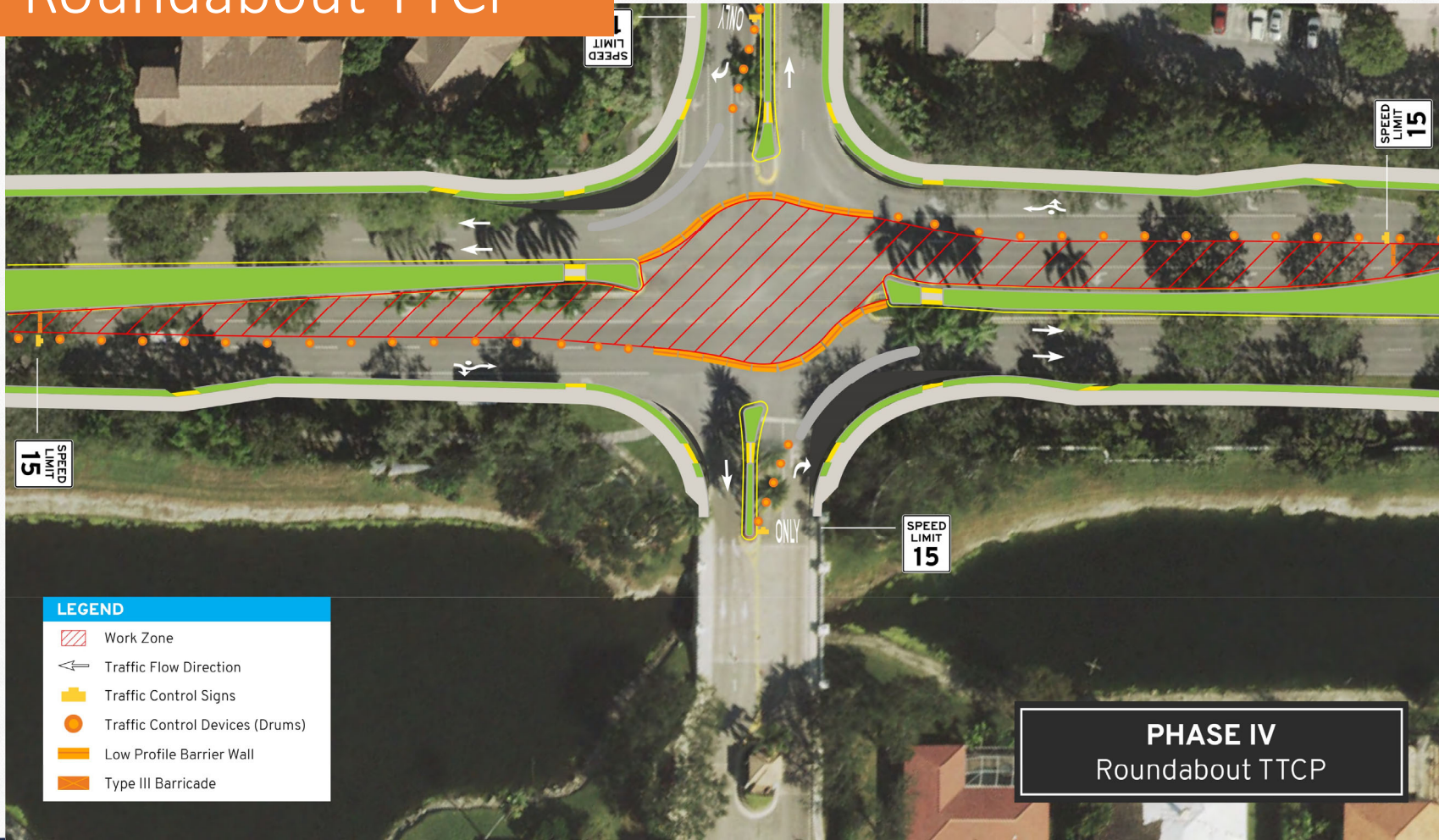


LEGEND







-  Work Zone
-  Traffic Flow Direction
-  Traffic Control Signs
-  Traffic Control Devices (Drums)

PHASE III
Roundabout TTCP

Roundabout TTCP



LEGEND

-  Work Zone
-  Traffic Flow Direction
-  Traffic Control Signs
-  Traffic Control Devices (Drums)
-  Low Profile Barrier Wall
-  Type III Barricade

PHASE IV
Roundabout TTCP

Project Schedule

★ DESIGN

- Public Meeting - August 24, 2023
- Plans Development - March 2022 to December 2023
- Permit Approvals - December 2023

★ CONSTRUCTION

- Begin Construction - Late 2024
- End Construction - Mid 2026

THANK YOU FOR ATTENDING!

Thank you for your interest in the
West Hillsboro Blvd Bike Lane and Lighting Improvements Project.
POINTS OF CONTACT FOR COMMENTS, QUESTIONS, OR CONCERNS:

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Email: bjeffers@marlinengineering.com

Responses to Q&A can be found at the following link, which will be made available in a follow up email:

<https://www.broward.org/BCEngineering/Pages/CapitalProjectsPublicInvolvement.aspx>