Date:	08/12/2025 – 1:30pm to 2:15pm (TEAMS MEETING)
FPID:	454101-1-52-01
Project Name:	SR5/US-1/N ROOSEVELT AT EISENHOWER DR/JOSE MARTI DR
FDOT PM:	Joaquin de la Cruz, PE
Choice PM:	Rafael S. Aguilar, PE Carlos M. Dominguez, E.I. (Deputy)
Subject:	Resilience Project – Local Funding Agreement Contribution
Attendees:	Joaquin de la Cruz (FDOT PM), Judy Solaun-Gonzalez (FDOT), Karina Fuentes (FDOT DDE), Nathan Pulido (FDOT Drainage), Patricia Quintela (FDOT Drainage), Hailing Zhang (FDOT Structures), Todd Stoughton (CKW), Ian McDowell (CKW), Doug Bradshaw (CKW), Francis Mitchell (Ribbeck FDOT Drainage Consultant)
Design Team:	Rafael S. Aguilar (CPM), Carlos Dominguez (Deputy CPM), Sergio Gomez (Sr Hwy Engr), Jorge Plasencia (ADA), Olga Casadevall (ADA), Ramiro Herdocia (ADA), Waddie Ruiz (ADA),

SCHEDULE	
NOTICE TO PROCEED	11/06/23
60% PLANS SUBMITTAL	08/28/24
90% PLANS SUBMITTAL	05/23/25
100% PLANS SUBMITTAL	10/28/25
PLANS COMPLETE	03/10/26
PRODUCTION DATE	10/19/26
LETTING DATE	04/28/27

DISCUSSION TOPICS

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1. PROJECT DESCRIPTION

The project is located at the intersection of SR 5 / US-1 / North Roosevelt Boulevard and Eisenhower Drive / Jose Marti Drive; the beginning/end MP is 1.286/1.411. The project is located within the City of Key West in Monroe County (90010000), Florida. This section is a north-south urban principal arterial and primarily serves commercial properties adjacent to the corridor; it is surrounded by residential areas and is programmed to open in 2027. There is one signalized intersection within the project limits. Additionally, there are several stop-controlled side streets and driveways. This section of SR 5 was resurfaced in 2015 (FPID 430670-1-52-01).

The principal purpose of this project is to mitigate flooding impacts within the intersection and to extend the pavement's service life by milling and resurfacing the existing asphalt pavement within the project limits. This project will also install a new pump station, generator, mast arms, signal heads, pedestrian signals, light poles, pavement markings, signage, and ADA Ramps. Tree impacts or relocations will be limited to only what is necessary to install the proposed scope.

Project Location

2. PUMP STATION LOCATION – CITY PREFERRED ALTERNATIVE (POLICE STATION)

Locate Pump Station Generator and Control Panel Platform in Police Station Parking Lot.
The City of Key West has deemed this location as the preferred location for the pump station platform.

A. CRITICAL ISSUES:
- Why did the City recommend this location?
- Access to platform for maintenance
- Access to platform for fueling
- Safety Concerns to access?

B. RESOLUTION:
- Todd (CKW): Space is limited and while the Police Department is not fully in favor of this location, it will allow the City to choose this site.
- Todd (CKW): This site provides the Best Option for the City in consideration of the previously recommended locations.
- Doug (CKW): Safety is not a concern. Police Department building doors are closed and locked at all times.
- Ian (CKW): The curbed landscaped island and light poles will need to be removed to provide adequate access to the pump station platform and control system.
- Ian (CKW): Would pump generator platform have lighting? We will need to reconstruct island and likely remove the light pole in that island.
- Rafael (CPM Design Team): Platform does not have lighting. However, we can analyze this in design.
- Rafael (CPM Design Team): The design team will assess light pole removal.
- Doug (CKW): The City needs to know construction schedule to understand how construction activities will affect the school and the Police Department. Temporary Traffic Control ➔ City wants this coordinated
- Judy (FDOT): What is window of construction time that this project is dealing with as it relates to construction activities within the Police Station and School surrounding.
- Doug (CKW): It would be preferred for summer construction.
- Ian (CKW): Construction activities should be able to be performed between 7am-5pm.
- Ian (CKW): inquired regarding the bubbler system and requirements for this project site.
- Jorge (Design Team): Bubbler will not be used, gas detector (methane) will not be able to be installed. This is not a requirement and currently a non-issue.
- Judy (FDOT): Does design team have any limitations with the proposed location in the Police Station Parking lot.
- Jorge (Design Team): Location of antenna has to be further assessed to ensure there are no issues with transmission. Electrical will be redesigned to have the correct wire/cable sizes.
- Rafael (CPM Design Team): Confirm that the Department agrees with the location of the generator platform.
- Judy (FDOT): If this is where the City prefers the station, we take no objection.
- Joaquin (FDOT PM):
- FDOT agrees with this alternative
- A follow up meeting with R/W will be required to establish access during construction and perpetual
- Karina: Discuss with R/W group to identify what tools will be used to guarantee perpetual access to all installed project features.

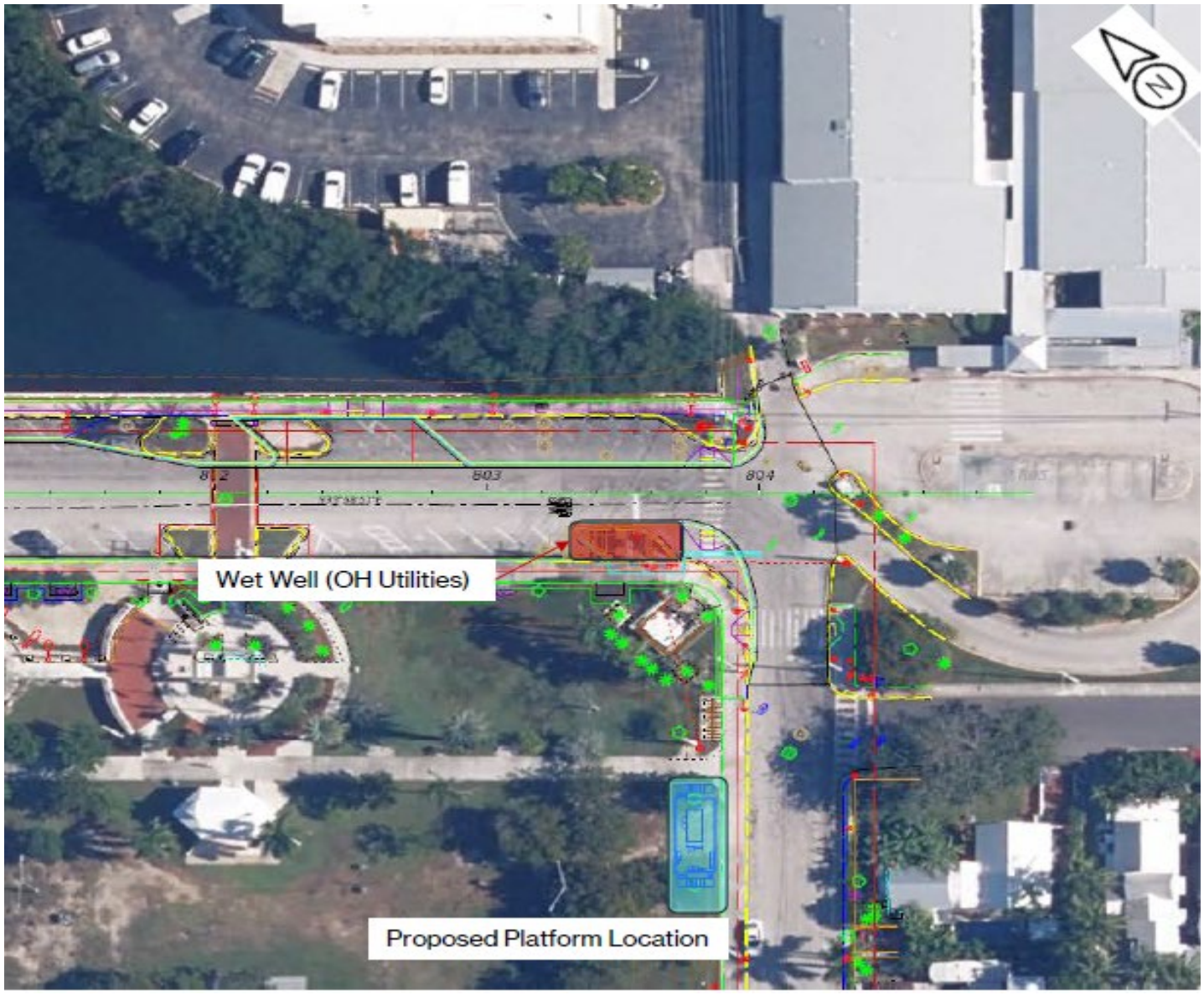
Proposed Platform Location
Wet Well (OH Utilities)

2. PUMP STATION LOCATION – PREFERRED ALTERNATIVE (CITY BAYVIEW PARK)

From a stormwater system point of view, the preferred location for the placement of the pump station platform and wet well system is for it to be constructed within Bayview Park.

A. Design Observations
- Provides ample accessibility for maintenance.
- Increased hydraulic head

a. RESOLUTION:
- City looked at the other alternatives. The park became a non-option after discussions with City staff.
- The park has two memorial places that make usage of the park sensitive.
- This location is a non-option for the City.



3. PROJECT FINANCIALS

Construction funding for this project has been updated.

A. Design:

- Design Funding has been fully assumed by the FDOT.
- Includes supplemental for design changes related to City's request for geometric modifications at the intersection of N Roosevelt Blvd and Eisenhower Dr/Jose Marti Dr and to change the location of the proposed pump station.

B. Construction:

- Construction funding is currently $14.4 Million
- MOU must be approved via City resolution with approved signatory signature.

4. CITY OF KEY WEST COMMITMENT

The City's commitment to move this project forward is required. The Department cannot move forward with the project until all funding commitment and scheduling have been completed, including the City's commitment for Local Funding Aid.

A. Memorandum of Understanding (MOU):

- September 19, 2024 – MOU Sent to City for review.
- March 25, 2025 – Updated MOU sent to City for review.
- Permanent Easements are being drafted to record the Department's right to access the public road, sidewalk areas and pump station location.
- Establish agreement between FDOT and the City of Key West to approve the City's participation in this Resilience Project allowing FDOT to perpetually maintain access to the proposed stormwater system infrastructure being constructed through this project.
- MOU must be approved via City resolution with approved signatory signature.

Joaquin will send copy of full executed agreement.
City will present to commission September 3, 2025

B. Local Funding Agreement (LFA):

- Design Funding has been fully assumed by the FDOT.
- Construction funding is currently $14.4 Million.
  - Seeking 50:50 funding participation. The City is in agreement and will commence commission approval and funding appropriation.
  - Funding has to be scheduled by the Department if this project is to move forward
  - City must commit funding by Production (10/2026)
- MOU must be approved via City resolution with approved signatory signature.