

City of Dunedin Hammock Advisory Committee (HAC)

Meeting Minutes – November 12, 2019 (September 9 meeting was cancelled)

Dunedin Community Center Meeting Room, 1920 Pinehurst Rd, Dunedin, Florida

HAC Meetings are held on the 2nd Mondays of January, March, May, July, September & November

HAC members present: Susan Humphreys (Chair), Chris McLaughlin (Secretary), Patricia Jennings, Elizabeth Grant, & Steve Fasnacht.

Absences: Victor Johantges (Vice-Chair), Pam Hillestad, Donna Moore (Alternate).

Vacancy: Alternate position since January 2019.

City Staff: Lanie Sheets (Parks & Recreation Superintendent)

Housekeeping Notes:

- A quorum was present in accordance with City Resolution 03-11, General Provisions, Section 1.
- According to the City's "Boards & Committees" website, Pam Hillestad is incorrectly listed as an Alternate, yet the "Vacancies" tab correctly lists the vacant Alternate position.

Meeting called to order at 6:32pm by Chair Humphreys.

The absences of Mr. Johantges & Ms. Hillestad were excused by discussion. Ms. Moore's attendance as an Alternate is not required by the HAC and therefore considered excused (Per City Ordinance 11-45, Section 2). In April the HAC made a motion to recommend Hegge "Hans" Hillestad to fill the Alternate position vacancy, action has not been taken by the Commission as of December 4.

Meeting Minutes: The September 9 HAC meeting was cancelled due to a conflict with a City Commission meeting. The July 8, 2019 Minutes were reviewed. **Motion #1** (Ms. Jennings): Approve the Minutes as submitted. Ms. Grant seconded. With no discussion, the motion passed unanimously.

Supervisor's Report (Ms. Sheets):

- The replacement of the two wood bridges over Cedar Creek was awarded to Tampa Bay Marine, Inc. on October 15 for \$150,012.08. The work is expected to commence in mid-January and take approximately 2 weeks for construction and bridge closures. The bridges will be constructed one at a time but the project will proceed concurrently due to the demolition process.
- Fern Trail: The project is out for bid and bids will close on January 7. The project will consist of an aluminum framed, modular boardwalk with no pilings. The boardwalk will span the entire trail and be +/-1' above ground when constructed. The City's estimate is \$300,000. Ms. Sheets noted that contractors are busy and expensive due to today's economy and awarded project costs have been difficult to stay in line with City estimates.
- The Florida Communities Trust Parks and Open Space Grant check came in! This means the 2016 \$1.34 million purchase of 8.7 acres from Our Lady of Lourdes Catholic Church has been paid in full.
- Golf carts on Patricia Avenue & Idlewild Drive's bridges were discussed. The City's plan is to allow carts over those bridges and along a posted/specific path to Harvard Avenue through Highlander Park with a possible connection to Eckert Drive to access the Highlander Pool portion of the park. This plan would assist in safely keeping residents of the several neighborhoods to the east and south of Hammock Park off Pinehurst Road when accessing Highlander Park and its facilities.

Stormwater Advisory Committee (SAC) Report (Ms. Grant): Ms. Grant reported that the SAC met on July 9 and October 1. The City expects to start stormwater enforcement in early 2020 and create an "Environmental Trust Fund" to hold fines collected through stormwater violations such as intentionally

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placing debris in stormwater systems, failing to maintain private systems and other violations that can increase flooding risks and decrease water quality. These funds will likely be used for education to inform folks of the purpose and function of stormwater systems. A Stormwater Master Plan Progress Update workshop was presented to the City Commission on November 5 by Whitney Marsh (Stormwater Program Coordinator), Jorge Quintas (Public Works & Utilities Director), and Bruce Wirth (Public Works Engineering Division Sr. Project Engineer). The goals presented were to promote Dunedin as the Premier Coastal Community, protecting and improving natural resources for the enjoyment of all and to be a statewide model for environmental stewardship. A presentation will be held at the Hale Center in February for the public to view the Master Plan. The final Stormwater Master Plan Updated is slated for completion in March 2020. See presentation (prepared by consultant Jones Edmunds & Associates) attached below from the City website.

Committee on Environmental Quality (CEQ) Report (Hans Hillestad): Mr. Hillestad was absent, and no report was given.

Old Business:

- Hammock Park Management Plan – During the July HAC meeting, Chair Humphreys asked members to review Chapter 6 (Additional Needs) of the 2013 Hammock Park Management Plan prepared for the City by King Engineering. The Plan can be found on the Friends of the Hammock, Inc. (“FotH”) website here:
<https://hammockpark.org/s/Hammock-Park-Management-Plan.pdf>
 - Mr. Fasnacht commented there was no need to review Section 6 as it seems to summarize the action items from Section 5 that had been discussed in July.
 - Ms. Sheets reported that City Arborist Craig Wilson had met with Florida Forest Service personnel and they had agreed with the Plan’s suggestion of a prescribed burn. Ms. Sheets will keep HAC informed if thinning or other Plan recommendations need to be performed prior to a burn. The gopher tortoise burrow count in February will assist in decision-making.
 - The Cedar Creek bank erosion was discussed.
 - Mr. Fasnacht asked how Section 5.1.1.3 (Forested Wetland Restoration) – Motion #3 in the July minutes - was going and it was discussed that the piezometers needed to be recovered in order to quantify hydrologic data and that has not been completed to date.
 - Chair Humphreys noted that treefall from recent storms off trails remains heavy

New Business:

- It was advised that HAC members should walk the Hammock Park to bring fresh ideas to the table.

Motion #2 (Chair Humphreys): Motioned to adjourn. The motion’s second was not recorded. With no discussion, the motion passed unanimously, the meeting was adjourned at 7:29pm.

Next Meeting: **Monday, January 13, 2020** at 6:30pm Dunedin Community Center Meeting Room, 1920 Pinehurst Rd, Dunedin, Florida.

Respectfully submitted by Secretary Chris McLaughlin.

(November 5 Stormwater Master Plan Presentation to City Commission attached)



Home of Honeymoon Island

**STORMWATER MASTER
PLAN
PROGRESS UPDATE**

**DUNEDIN CITY
COMMISSION
WORKSHOP**

NOVEMBER 5, 2019

AGENDA

- Progress Update
- Work Products
- Living Document
- Tools for the City
- Uses for WMP Information



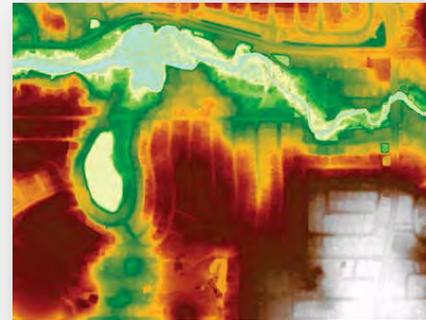
PROGRESS UPDATE

Foundation

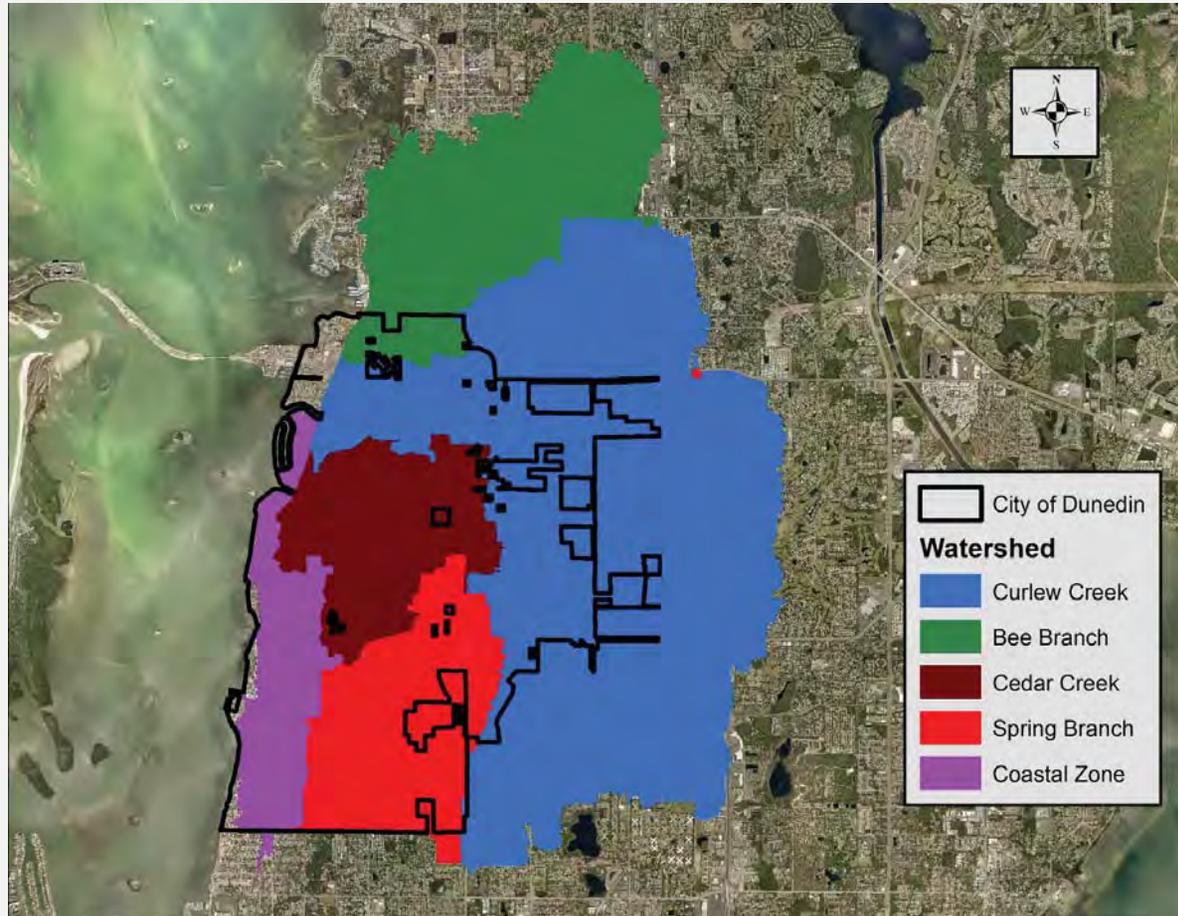
Analysis Tool

Analysis and Results

Actions



WATERSHEDS

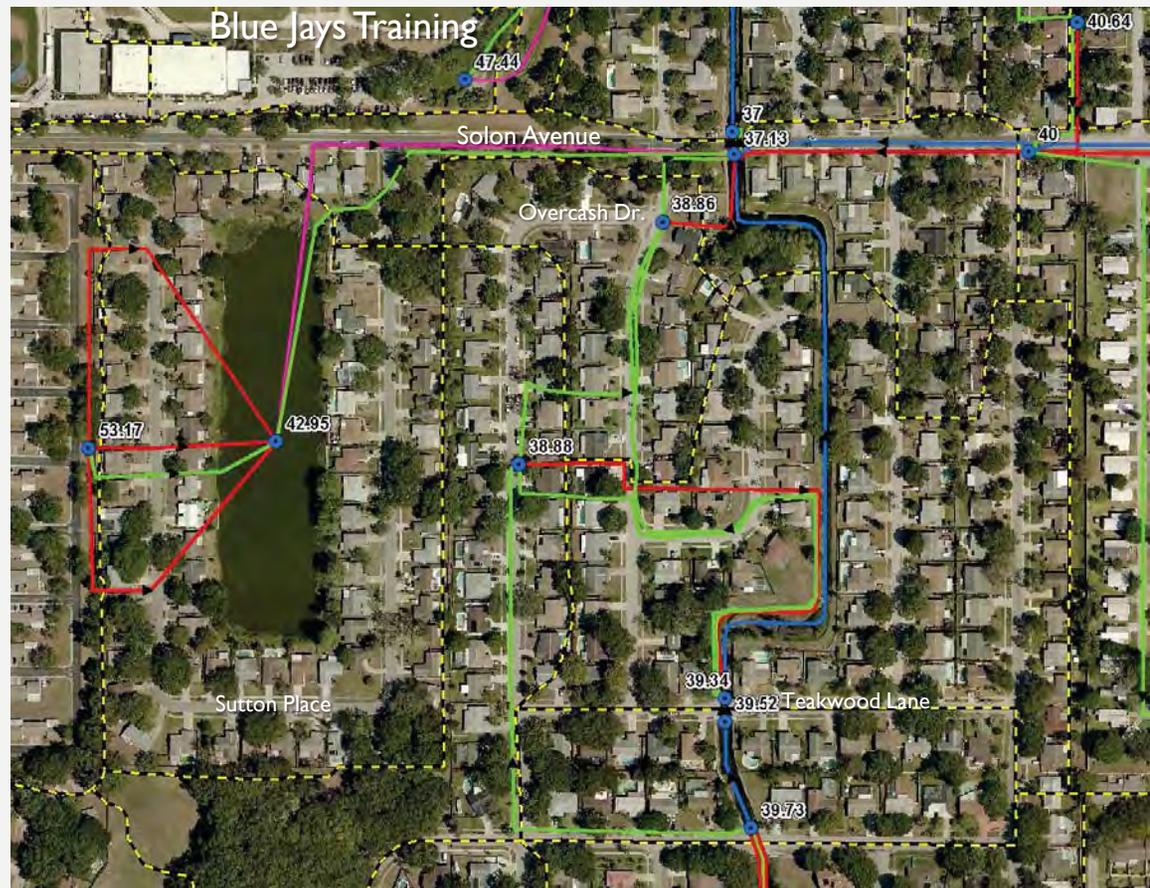


PROGRESS UPDATE

Element	Scope Item	Dunedin Master Plan: Status	Curlew Creek WMP: Status
Foundation	Topography	Completed	Completed
	Watershed Inventory	Completed	Completed
Analysis Tool	Watershed Model	Peer Review	Completed
Analysis & Results	Floodplains	Peer Review	Completed
	Level-of-Service	In Progress (11/2019)	Completed
	Sea-level Rise	In Progress (1/2020)	Completed
	Environmental Assessments	In Progress (12/2019)	Completed
Actions	Community Rating System (CRS)	Coordination with CRS Consultant (1/2020)	
	Capital Improvements	December 2019	November 2019
	Downtown Redevelopment Area	In Progress (1/2020)	NA
	Final WMP Report	2/28/2020	November 2019

WATERSHED MODEL

- Flood Elevations
- Accurate and Detailed
- Accommodates Future Criteria
- Maintainable
- Uses
 - During Study
 - Future



FLOODPLAINS

- Flooding Risks
- Flooding Depth
- Uses
 - During Study
 - Future



FLOODING LEVEL OF SERVICE

- Structural LOS
 - Not impacted in 100-year storm
- Roadway LOS, Road is passable during:
 - 100-year storm for Evacuation Route
 - 50-year storm for Arterial Roads
 - 10-year storm for Local Roads
 - Pinellas County standard

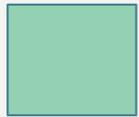


LEVEL-OF-SERVICE

- Criteria
- Structural
- Roadway



100-year



10-year



ENVIRONMENTAL ASSESSMENTS – POLLUTANT LOADING

Nitrogen Loading Rate



Low



High



ENVIRONMENTAL ASSESSMENTS

- Water Quality Generally Improving
 - TN
 - TP
 - CHLAC
 - DOSAT
 - SALIN

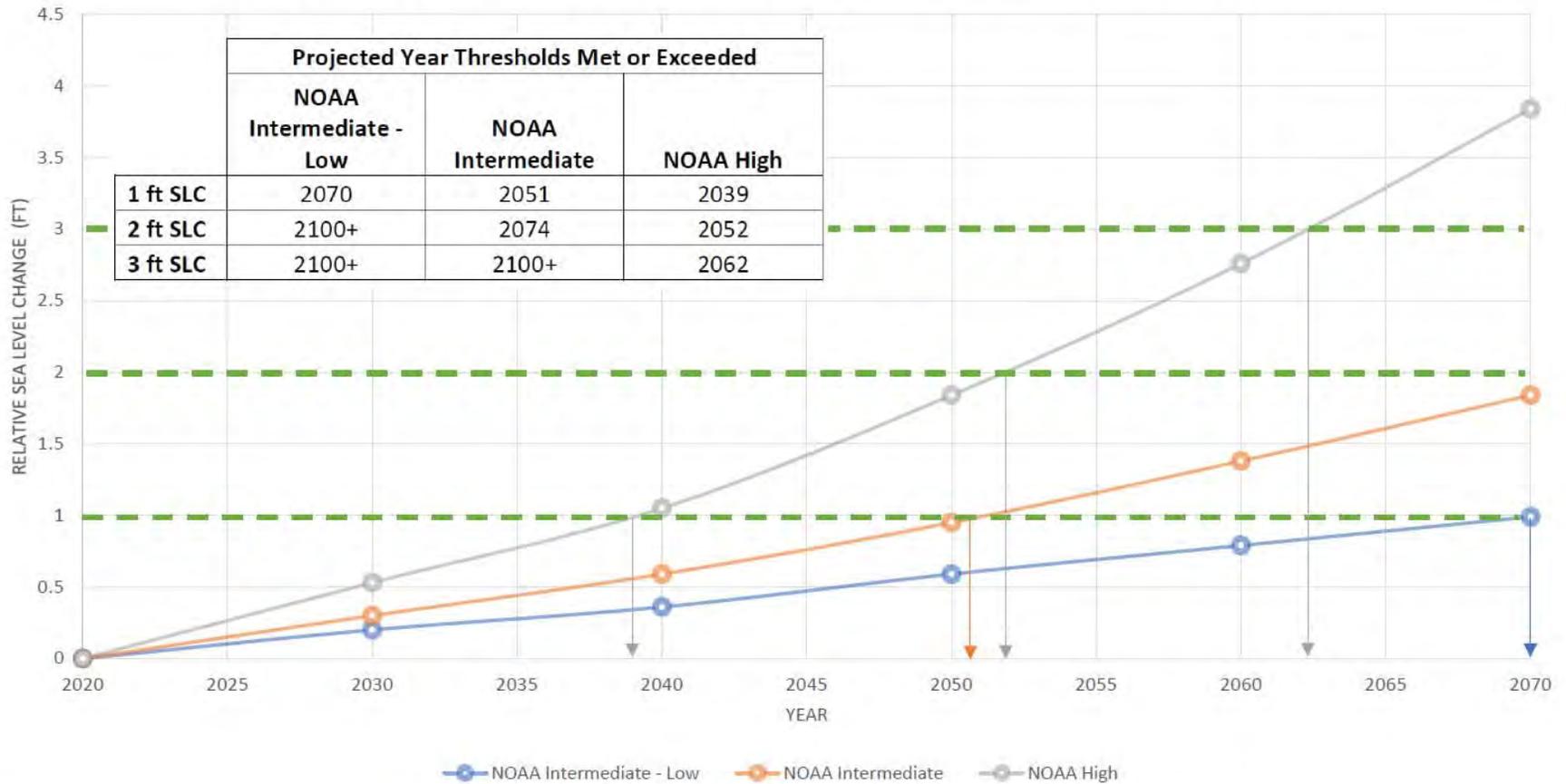
Table 3. Waterbodies associated with the City of Dunedin and analyzed water quality parameters with "Improving" conditions, "Degrading" conditions or no statistically significant long-term trend.

WBID	FDEP Basins	Improving	Degrading	No Trend
1538A	Curlew Creek Freshwater Segment	TN, TP	SALIN	DOSAT, CHLAC
1550	Jerry Branch		DOSAT	SALIN, TN, TP
1535	Direct Runoff To Gulf (Minnow Creek)	CHLAC, TP		DOSAT, SALIN, TN
1567B	Spring Branch	DOSAT, SALIN, TN, TP		CHLAC
1538	Curlew Creek Tidal	DOSAT, TN, TP		CHLAC, SALIN
1556	Cedar Creek (Tidal)	DOSAT, CHLAC, SALIN, TN		TP
1556A	Cedar Creek	SALIN, TN	DOSAT	TP

Acronym	Definition
TN	Nitrogen
TP	Phosphorous
CHLAC	Algae
DOSAT	Dissolved Oxygen
SALIN	Salinity

SEA-LEVEL RISE

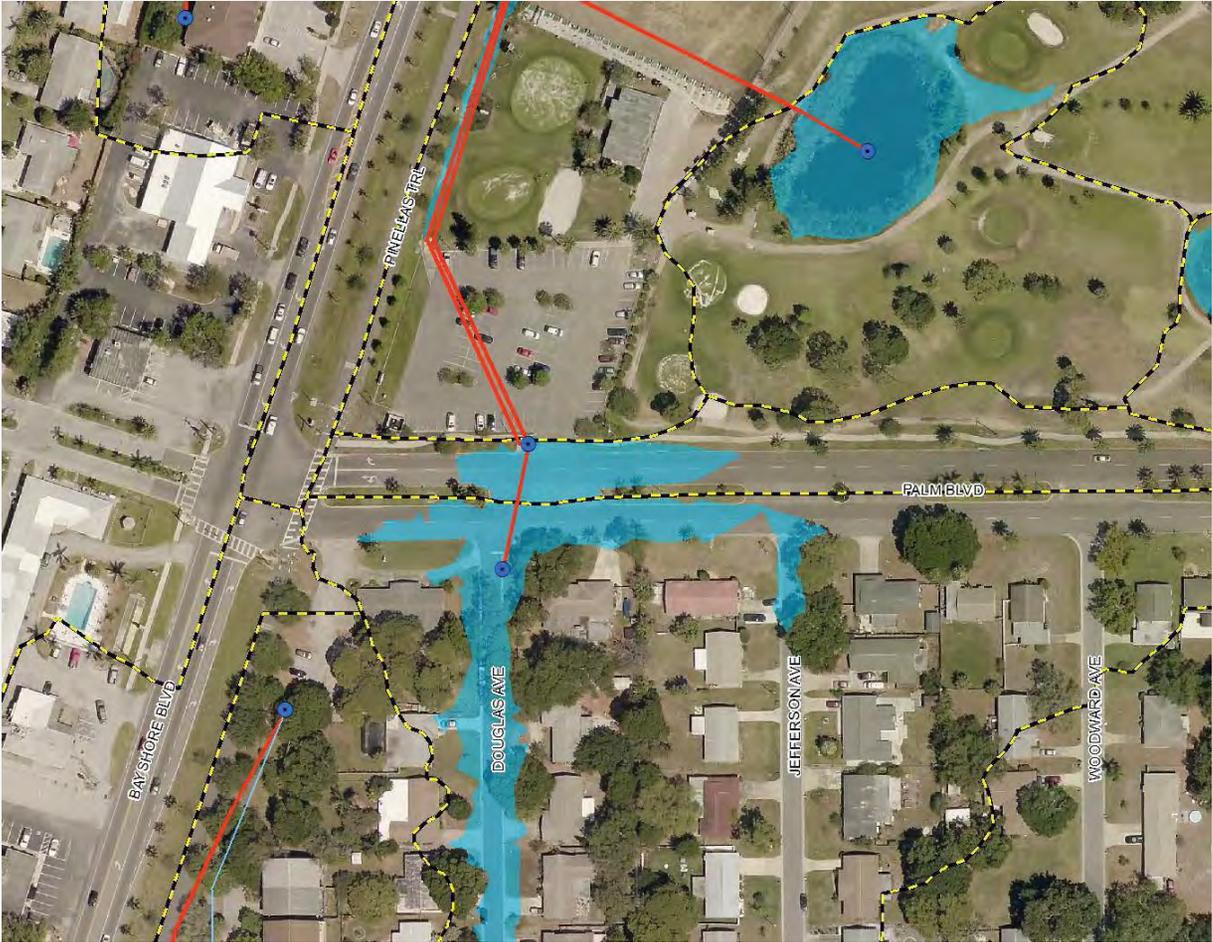
NOAA et al. 2017 Relative Sea Level Change Scenarios for : ST. PETERSBURG



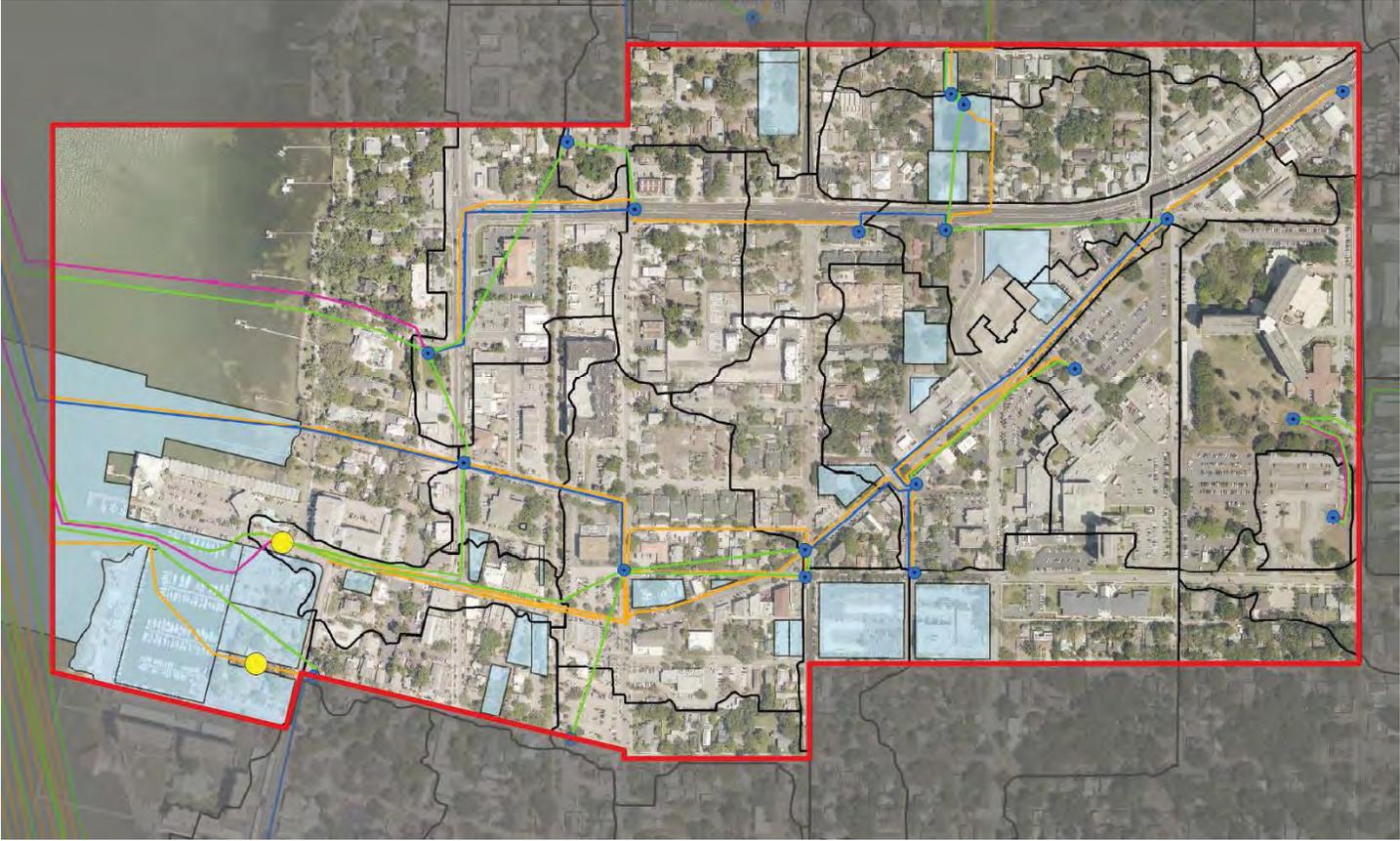
PRELIMINARY CAPITAL IMPROVEMENTS



PRELIMINARY CAPITAL IMPROVEMENTS



DOWNTOWN REDEVELOPMENT AREA



-  CDS Unit
-  CRA
-  Node
-  Channel
-  Drop Structure
-  Pipe
-  Weir
-  Basin
-  City of Dunedin Owned Parcels



Questions?

JonesEdmunds 