



Community Redevelopment and Public Works Council Budget Showcase

July 31, 2020



COMMUNITY REDEVELOPMENT DISTRICTS

DOWNTOWN DRAINAGE & INFRASTRUCTURE IMPROVEMENTS

PROJECT 2: 11TH AVE. S. – 13TH AVE. S. PROJECT OVERVIEW



DOWNTOWN DRAINAGE IMPROVEMENTS

PROJECT 2: PHASE III C PROGRESS



Storm Drainage



As of July 13, 2020

DOWNTOWN WATER IMPROVEMENTS

PROJECT 2: PHASE III C PROGRESS



Water

As of July 13, 2020

DOWNTOWN SEWER IMPROVEMENTS PROJECT 2: PHASE III C PROGRESS



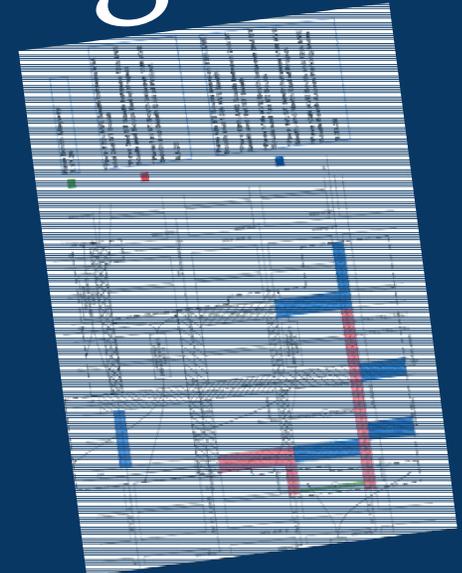
Sanitary Sewer

As of July 13, 2020

DOWNTOWN PAVING IMPROVEMENTS PROJECT 2: PHASE III C PROGRESS

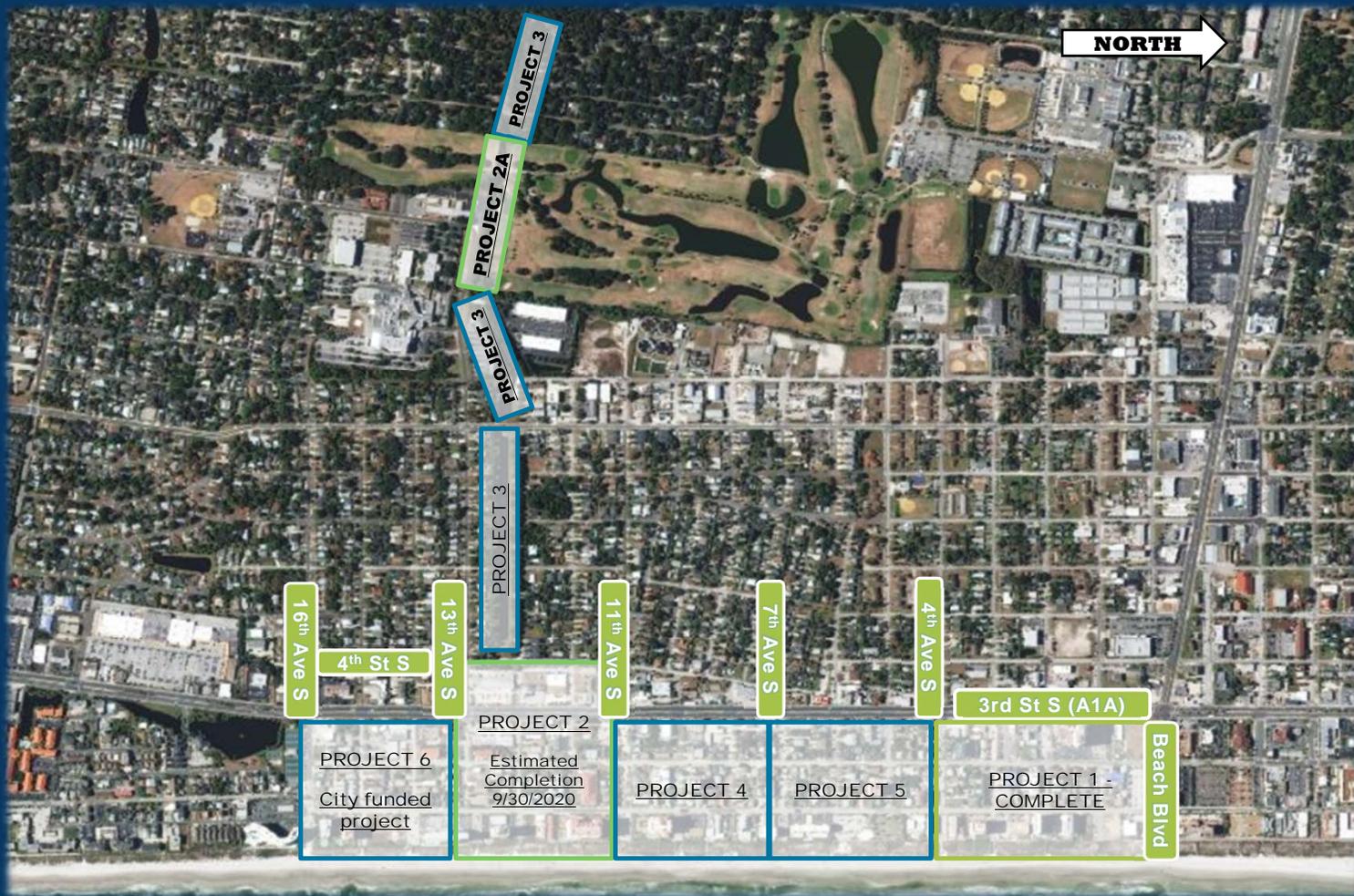


Street Paving



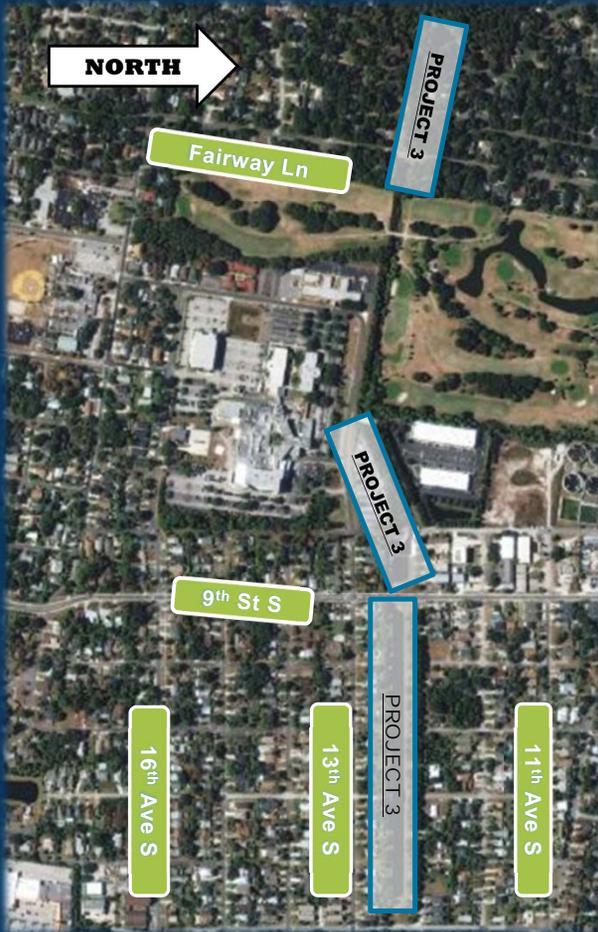
As of July 13, 2020

DOWNTOWN DRAINAGE & INFRASTRUCTURE IMPROVEMENTS OVERVIEW AND PROJECT UPDATE

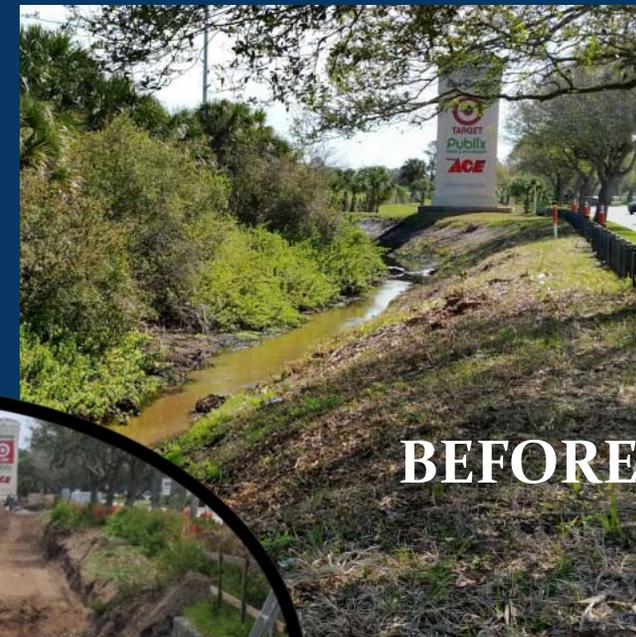
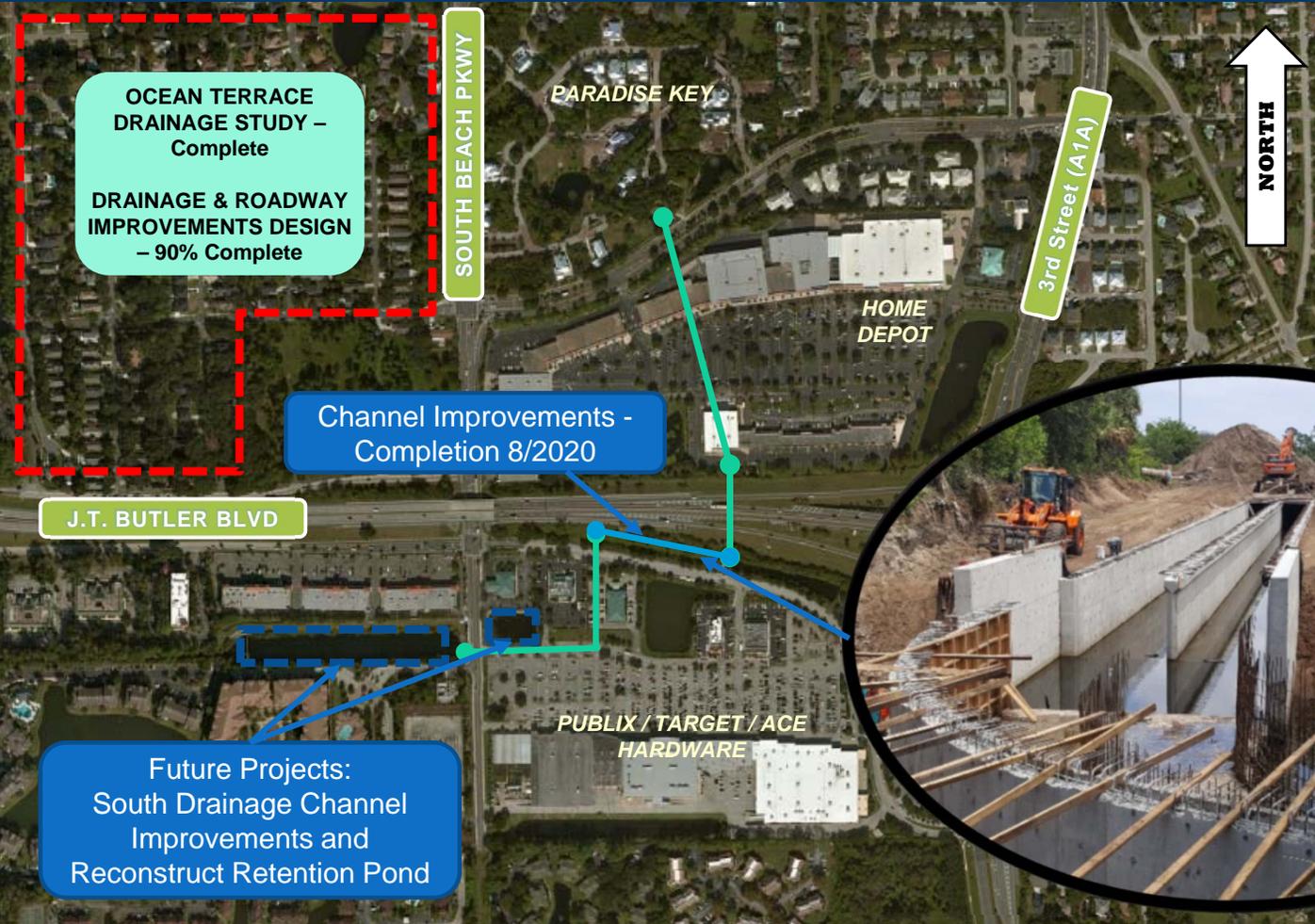


DOWNTOWN DRAINAGE & INFRASTRUCTURE IMPROVEMENTS

PROJECTS 3-6



PROJECTS IN SOUTH END CRA DISTRICT



NEW ADA DUNE WALKOVER Construction Progress



BEACH BLVD



**6TH AVE S –
OCEANFRONT PARK**



5TH AVE N - PIER

DUNE WALKOVERS & BEACH OUTFALLS FY21

- \$1M budgeted over 5 years (\$200,000 for FY21 – 25) for continuing construction of dune walkovers.
 - Issues – Limited construction season due to sea turtle season.
 - Accommodating construction for completion with affecting access.
 - Sea-level rise and dune heights of accesses.
- \$800,000 over 4 years (\$200,000 for FY22 – 25) for beach outfall construction (in coordination with dune walkover construction).





**PUBLIC WORKS CAPITAL
PROJECTS
& PURCHASES**

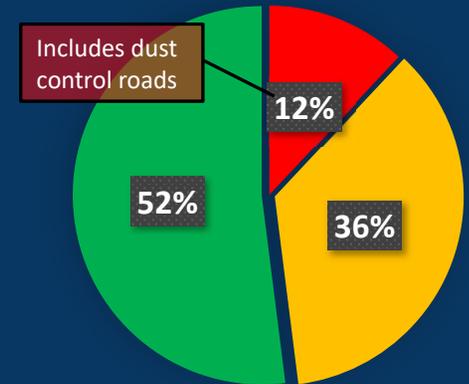
PAVEMENT MANAGEMENT PLAN

- Assess & Monitor Pavement Conditions
 - Regular objective inspections
- Coordinate with Construction Activities
 - Utility, drainage & roadway improvements
- Optimize Funding
 - Balance of preventative, rehabilitation & reconstruction

PAVEMENT MANAGEMENT PLAN



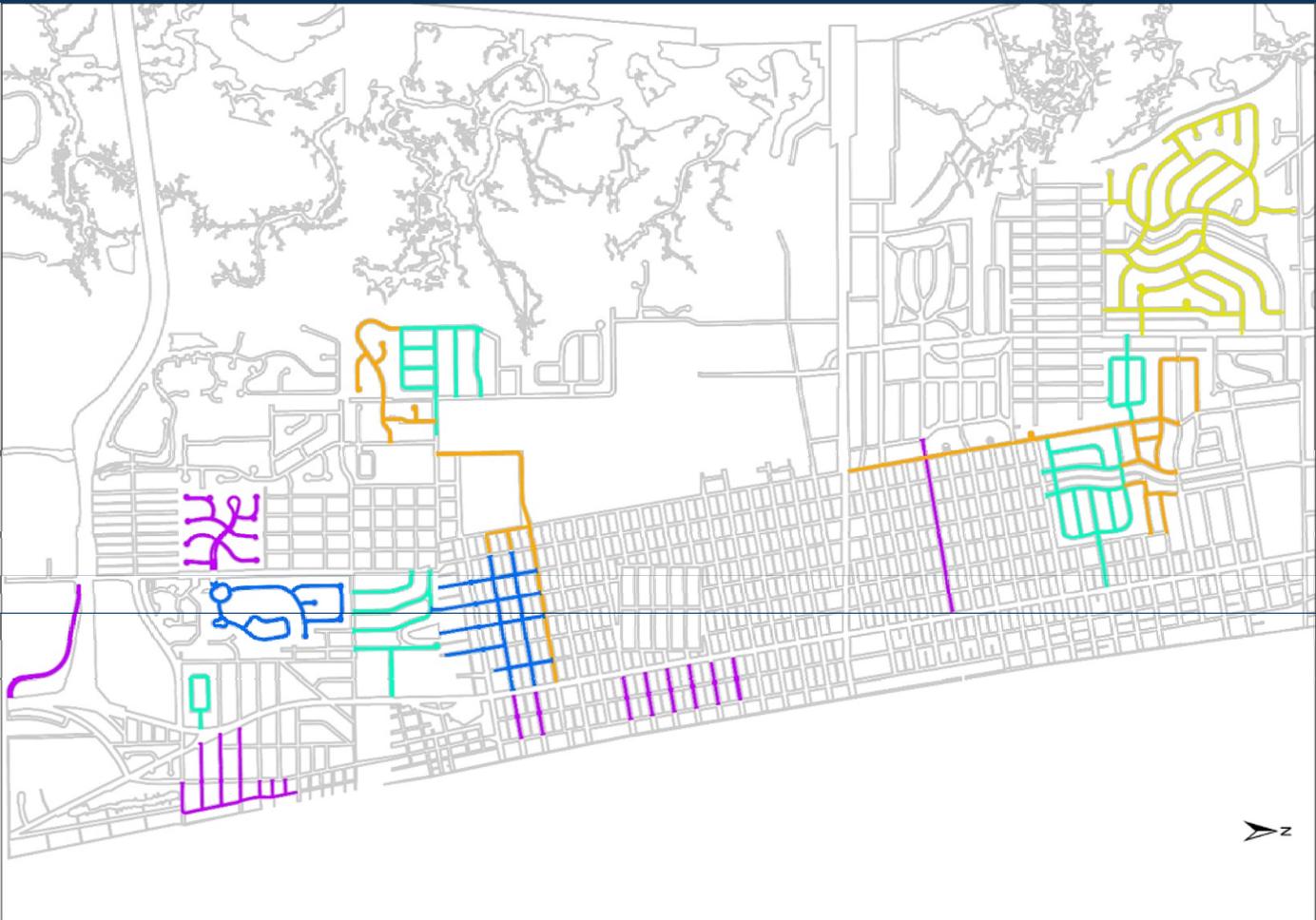
Current Condition



Current PCI = 72.5

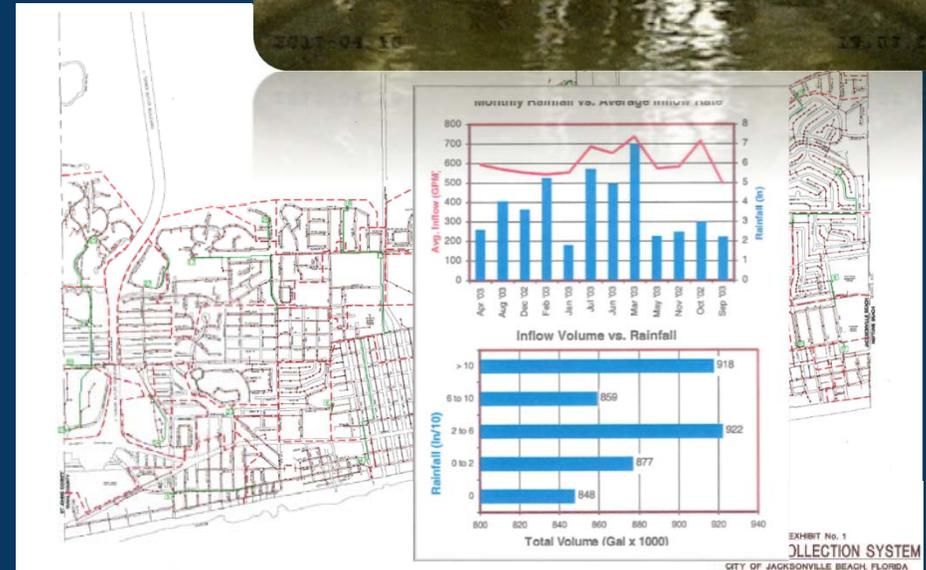
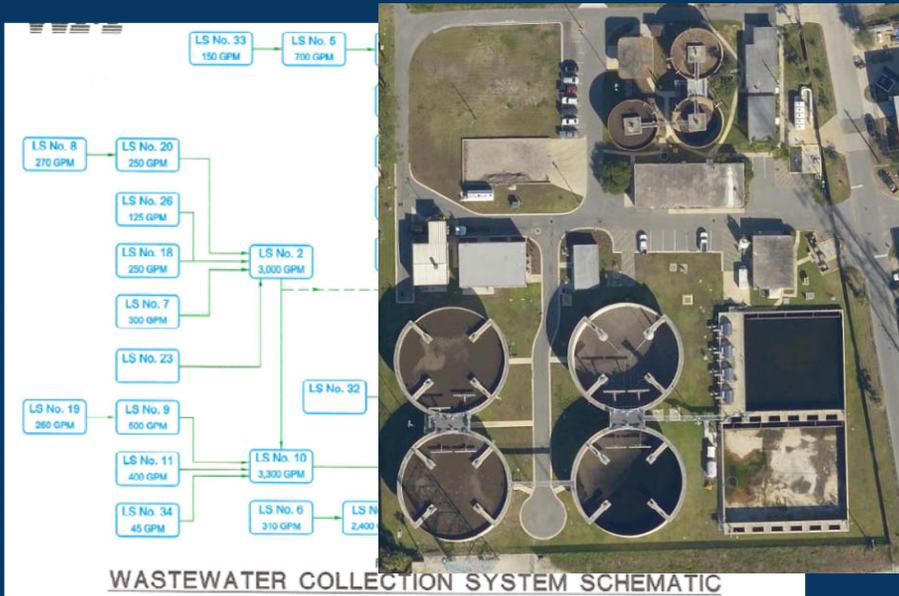
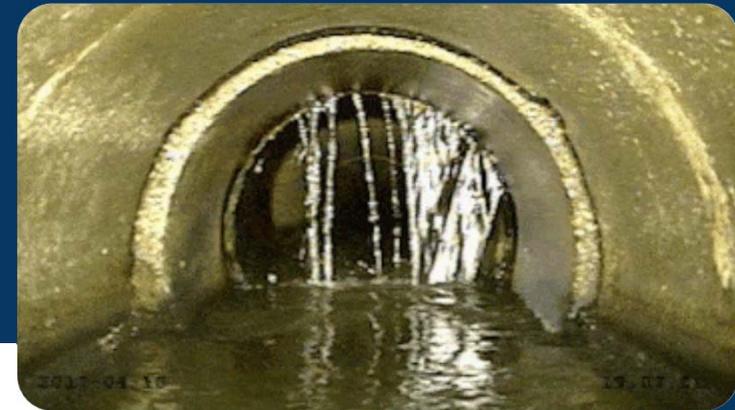
PAVEMENT MANAGEMENT PLAN

Paving Plan	
FY	
	2020
	2021
	2022
	2023
	2024



SEWER MASTER PLAN & HYDRAULIC STUDY FY20

- Last Sewer Hydraulic Study – 2004
- Major Facility Improvements in 2011
- Re-evaluate Inflow & Infiltration (I&I)
- Will Provide Refined Maintenance & Phased Replacement
- Contract with 4 Waters for FY20.



WATER & STORMWATER MASTER PLANS FY21

- Water System - Previous Master Plan completed in 1990.
- Stormwater System - Previous City-wide Master Plan completed in 1998. (Updated projects in 2003).
- Benefits of Master Plans
 - Supports Asset Management
 - Inventory, Condition, Maintenance Plan
 - Evaluates System Capacity
 - Identify service needs, Inflow & Infiltration impacts (sewer)
 - Considers Regulatory Impacts
 - Near & long-term regulations & mandates
 - Capital Improvements Plans
 - Identify/prioritize projects & estimate costs
 - Financial Plans
 - Identify revenue requirements and rates/charges

DISTRIBUTION & COLLECTIONS CIP PROJECTS FY21

Creation of annual waterline replacement program

- \$400,000 to construct water mains in FY21
- \$60,000 to design water main replacements in FY21 for FY22



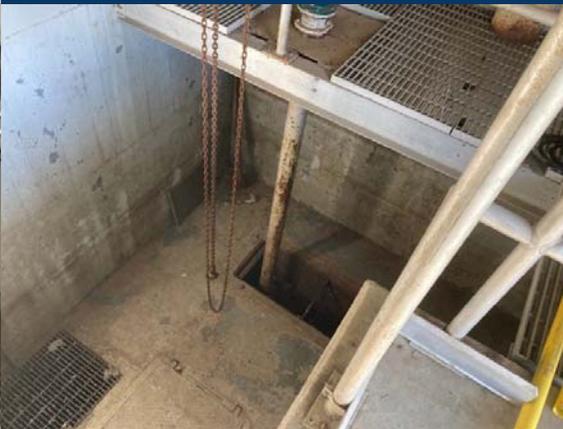
Representative Photo – NOT COJB

- Corrosion
- Reduced Flow
- No Fire Protection

PCP CIP PROJECTS

- \$650,000 for Lift Station #8 replacement construction

- \$45,000 for Lift Station #33 replacement design



BEACH BLVD. STORMWATER SILT REMOVAL

\$223,000 for silt removal at Beach Blvd (Phase I) Stormwater Vault. Depth estimated at 2' deep (1280 cubic yards).



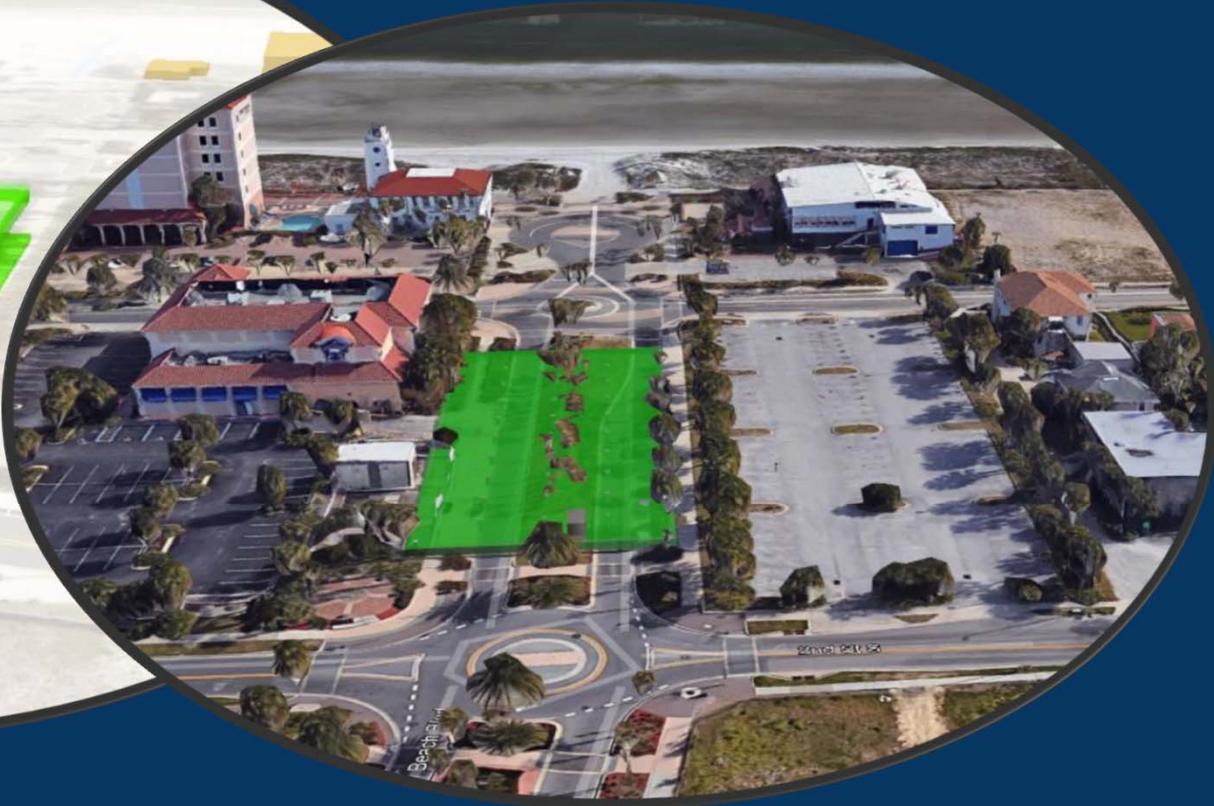
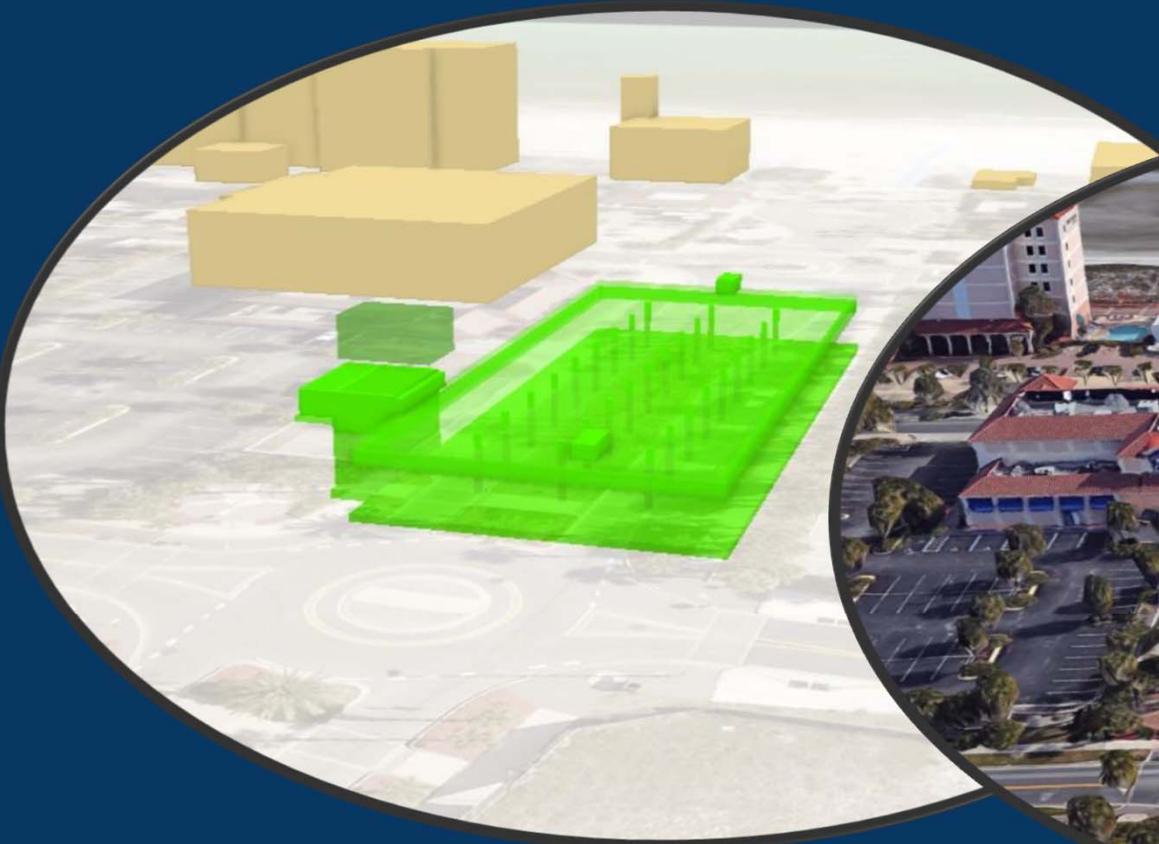
1280 Cubic Yards =



x 80

>250,000 gallons of displacement

BEACH BLVD. STORMWATER SILT REMOVAL





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Questions???