



CITY OF VENICE CLEAN WATER FACILITIES PLAN

PRESENTED BY: HAZEN AND SAWYER AND CITY OF VENICE UTILITIES DEPARTMENT

MAY 10, 2016

Hazen

PUBLIC MEETING PURPOSE

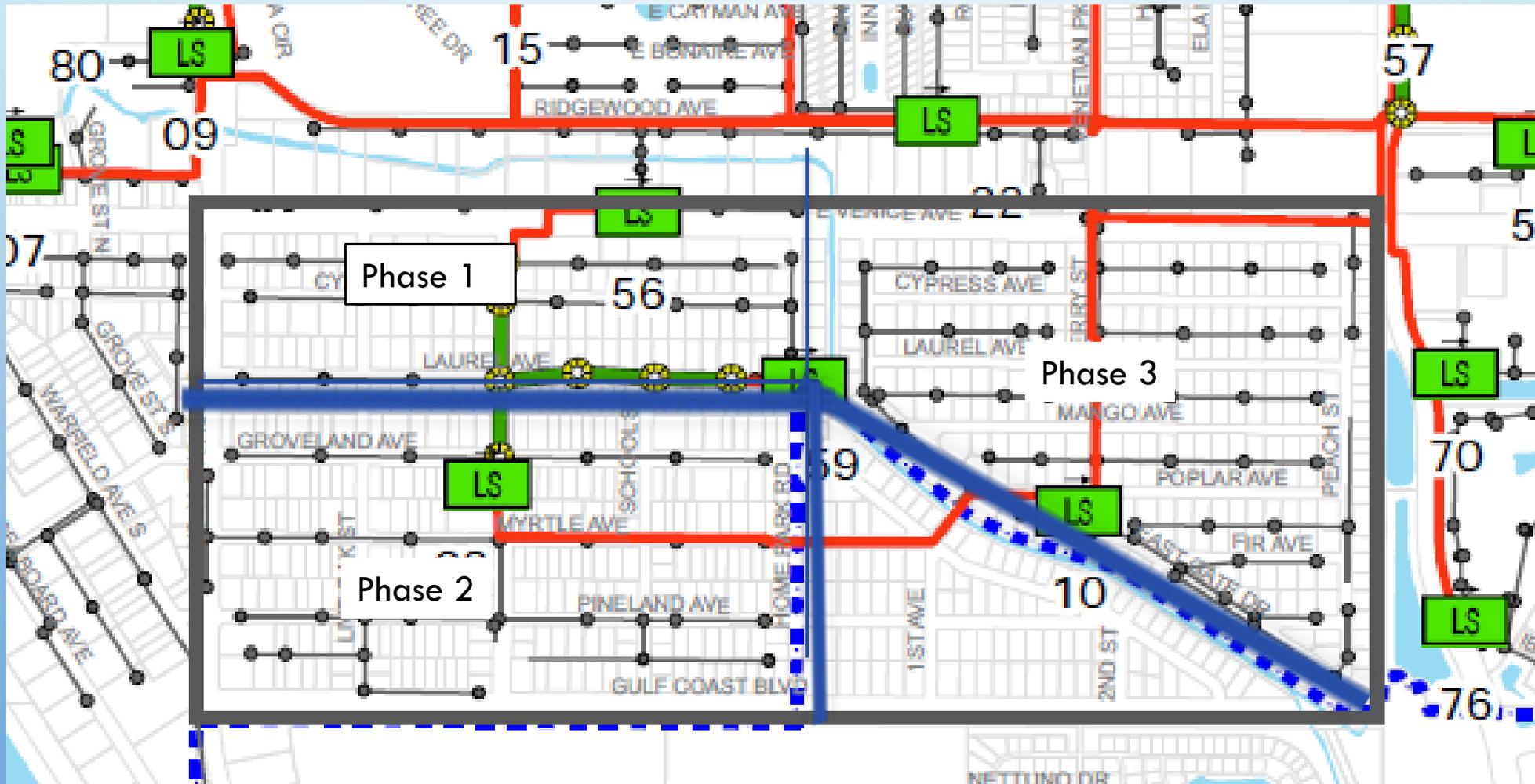
- REQUIRED BY FDEP FOR OBTAINING STATE REVOLVING LOAN FUNDING
- DESCRIPTION OF PROJECTS AND ALTERNATIVES EVALUATED
- ENVIRONMENTAL IMPACTS OF PROPOSED PROJECTS
- COST AND IMPACT ON RATES
- SCHEDULE

PROPOSED PROJECTS

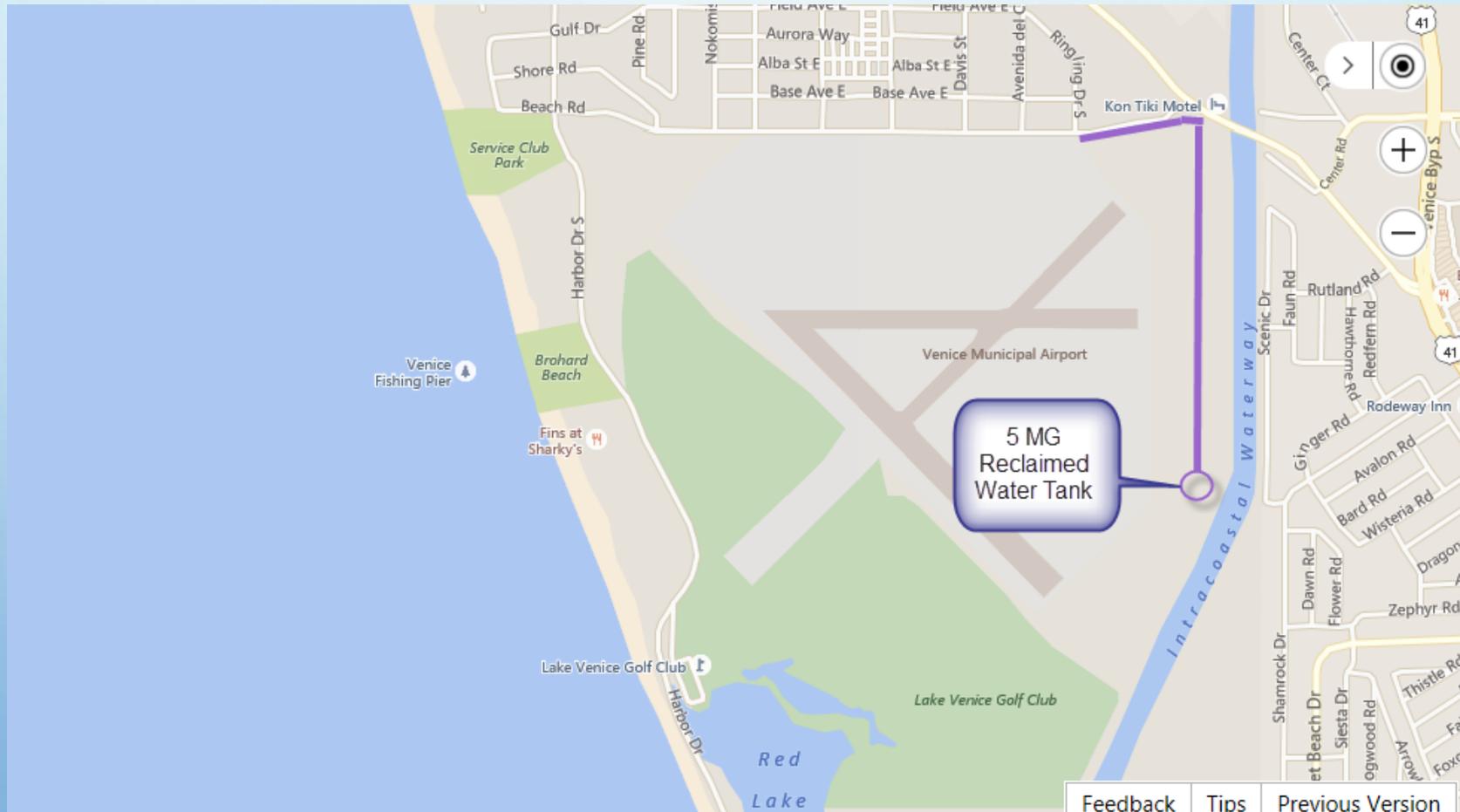
- EASTGATE UTILITIES WASTEWATER RELOCATIONS (PHASES 1 THRU 3)
- ADDITIONAL RECLAIMED WATER STORAGE TANK
- EXPANSION AND LOOPING OF RECLAIMED WATER SYSTEM
- OSPREY DITCH IMPROVEMENTS
- DOWNTOWN DISTRICT STORMWATER PROJECT
- STORMWATER REHABILITATION PROJECTS

PROPOSED WASTEWATER COLLECTION PROJECTS

EASTGATE UTILITIES PHASES 1 THRU 3

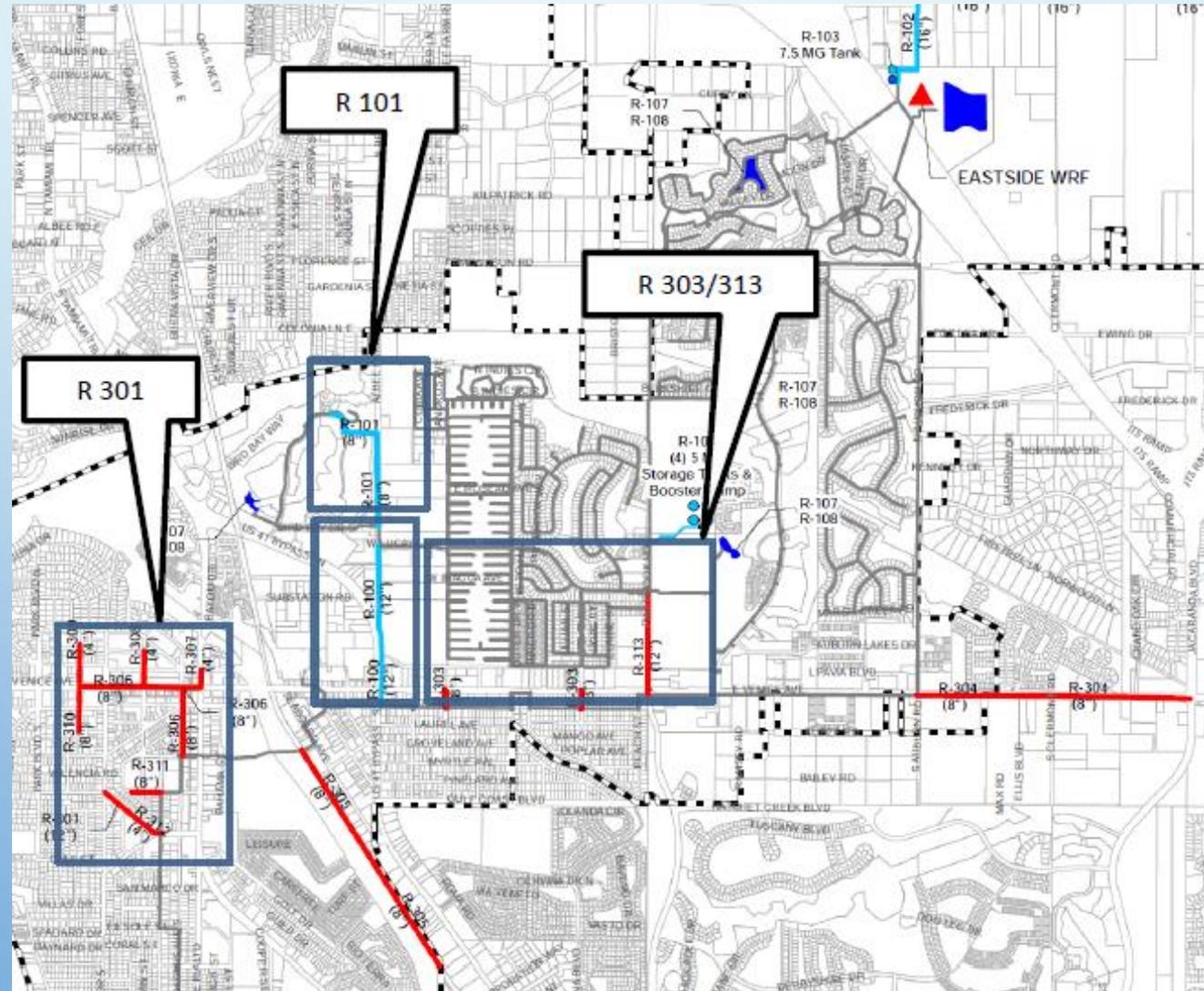


RECLAIMED WATER STORAGE



Note – the proposed location of the 5 MG Reclaimed Water Tank is based on the Reclaimed Water Master Plan and is still under evaluation. The location could be changed.

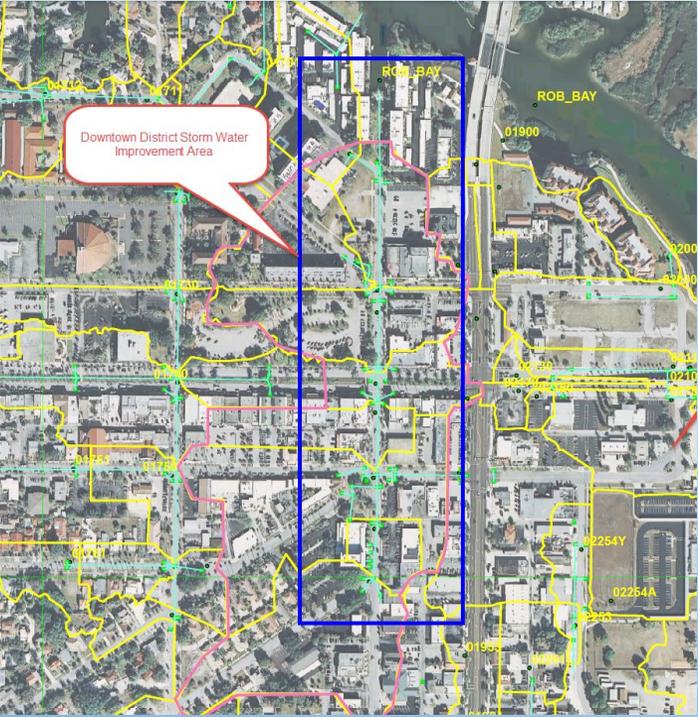
PROPOSED RECLAIMED WATER EXPANSION/ LOOPING PROJECTS



OSPREY DITCH IMPROVEMENTS



DOWNTOWN DISTRICT STORMWATER IMPROVEMENTS



STORMWATER REHABILITATION



ENVIRONMENTAL IMPACTS

- ALL CONSTRUCTION LOCATED WITHIN PREVIOUSLY DEVELOPED AREAS
- SITE VISITS MADE TO VERIFY SITE/ENVIRONMENTAL CONDITIONS
- BEST MANAGEMENT PRACTICES WILL BE REQUIRED DURING CONSTRUCTION



ENVIRONMENTAL BENEFITS

- WASTEWATER PROJECTS EXPECTED TO REDUCE I/I AND RISKS OF OVERFLOWS
- REUSE PROJECTS EXPECTED IMPROVE PRESSURE AND CONSERVE WATER
- STORMWATER PROJECTS REDUCE FLOODING, IMPROVE SAFETY AND IMPROVE WATER QUALITY

ESTIMATED WASTEWATER LOAN AMOUNTS

- EASTGATE UTILITIES WASTEWATER RELOCATION PHASE 1
- EASTGATE UTILITIES WASTEWATER RELOCATION PHASE 2
- EASTGATE UTILITIES WASTEWATER RELOCATION PHASE 3
- ADDITIONAL RECLAIMED WATER STORAGE TANK
- EXPANSION AND LOOPING OF RECLAIMED WATER SYSTEM
- **ESTIMATED CONSTRUCTION COST - \$17,200,000**
- **ESTIMATED LOAN AMOUNT W/CONTINGENCIES \$20,640,000**

ESTIMATED STORMWATER LOAN AMOUNTS

- OSPREY STORMWATER IMPROVEMENTS
- DOWNTOWN DISTRICT STORMWATER PROJECT
- STORMWATER REHABILITATION PROJECTS
- **ESTIMATED CONSTRUCTION COST - \$3,100,000**
- **ESTIMATED LOAN AMOUNT W/CONTINGENCIES \$3,720,000**

ANTICIPATED IMPACT TO RATE PAYERS

- ANTICIPATE LOWER INTEREST RATE THAN CONVENTIONAL BONDS
 - ESTIMATED INTEREST RATE IS 1.00% AT THIS TIME (RATE WILL BE LOCKED IN WHEN SRF LOAN AGREEMENT IS ISSUED)
- NO ADVERSE IMPACT TO CUSTOMER RATES FOR USING FDEP STATE REVOLVING FUND PROGRAM

ACTION REQUESTED

- RESOLUTION 2016-14 TO BE APPROVED AND INCORPORATED INTO THE CLEAN WATER AND STORMWATER FACILITIES PLAN