

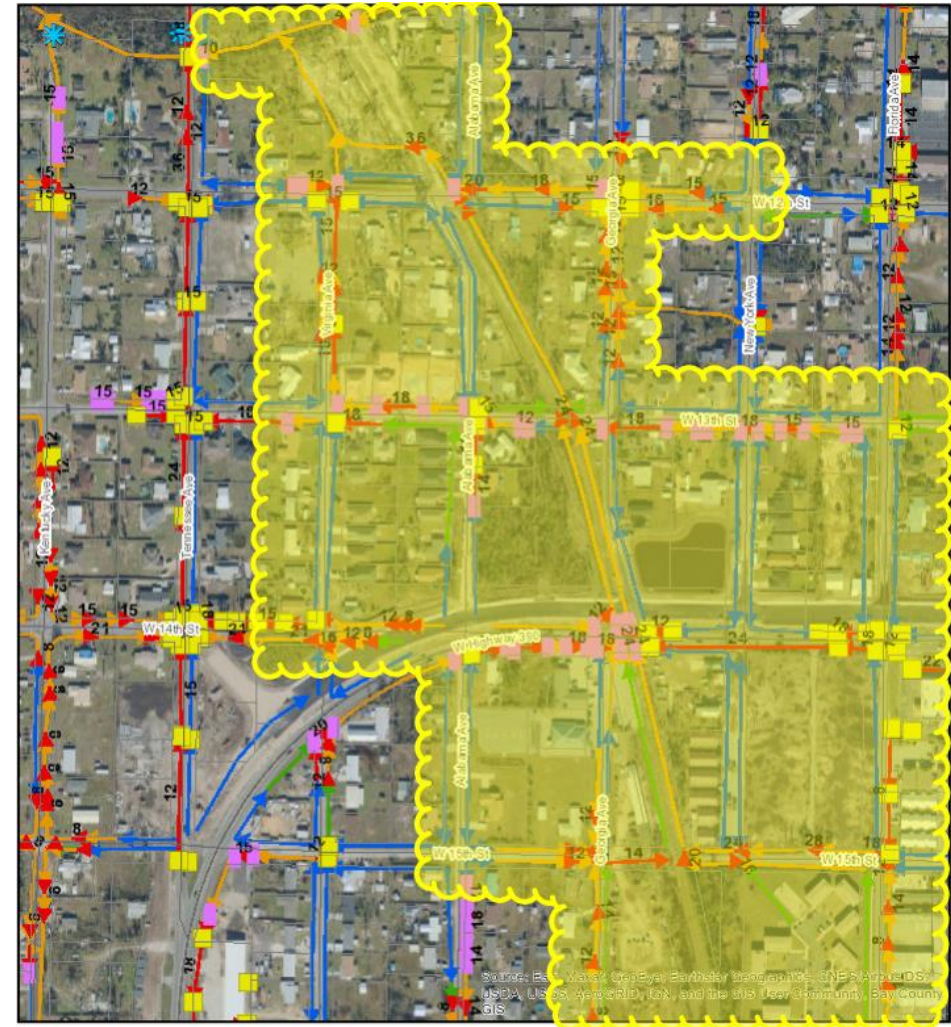
Stormwater Department Update

April 13, 2021



Virginia Ave

- ▶ Master plan called for ditch to be cleaned and widened. Collects areas from as far away as 17th St and discharges under Tennessee Ave into the Bay. Original cost opinion was \$120,000, completed for \$11,456.50.



Before





Before



After



After

15th St

- ▶ Master Plan called for ditches to be cleaned and widened.
- ▶ Original Cost Opinion was \$20,000. We completed for \$4,176.25



11th Street

- ▶ Master Plan calls for installation of a new 52” RCP line to convey stormwater.

City staff & Contractors inspected the line and found a 40%-60% blockage of pipe. Excavated and removed blockage. To date no further flooding.



Krystal Ln

- ▶ Master plan called for cleaning and videoing of line to determine problem. Work was completed and a point repair identified. There is still more work to do in this area to rectify flooding, but progress has been made. Original Cost Opinion was \$30,000, City staff completed for \$4,112.55



Identified by
Video
Inspection

New Pipe



Railroad Ditch

- ▶ Master plan called for cleaning and widening ditch to allow for more flow and stormwater conveyance. Cost Opinion was \$616,000.
- ▶ Currently spent \$9,366.00 with an anticipated another \$50-\$75k in work to do including relocating the FM in the ditch, installing riprap at each headwall, and hydroseeding the banks.





Before



Before



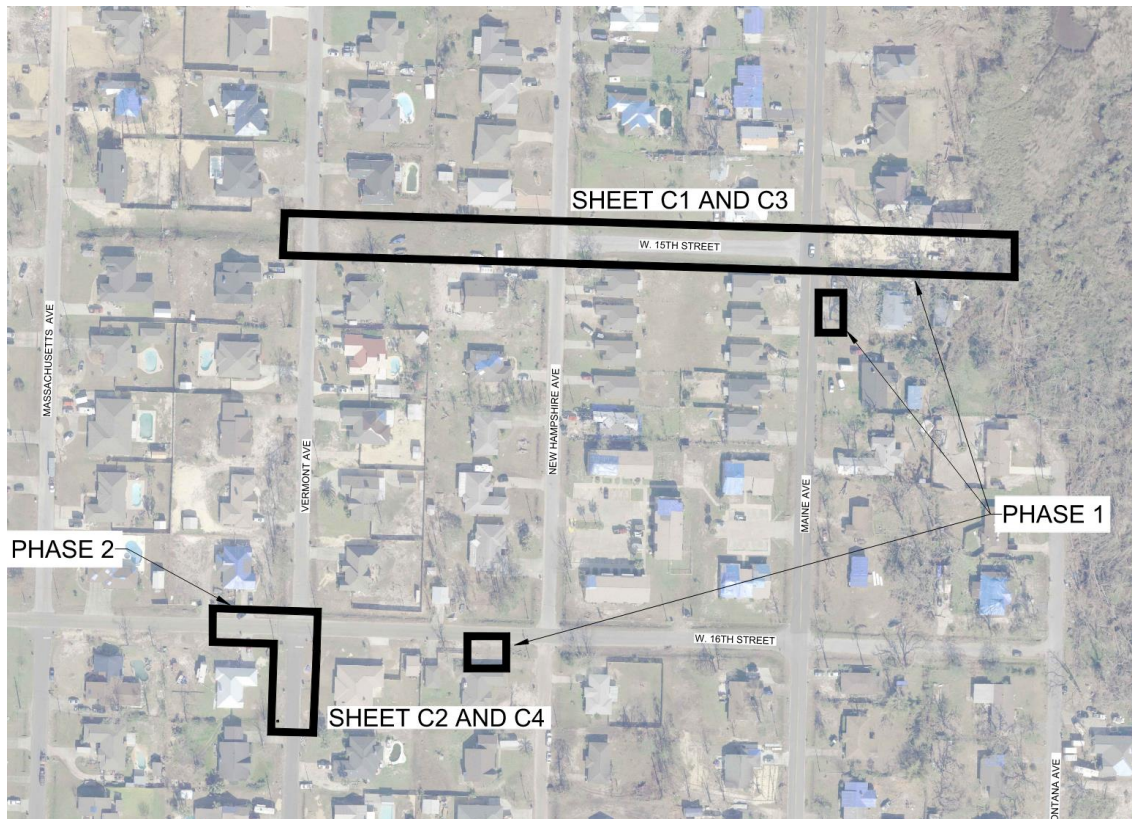
After



South side facing east

North side facing east

Vermont Ave Drainage Improvements



- ▶ Commission approved in January 2021.
- ▶ NTP was March 1, 2021.
- ▶ Material delivered on April 13th.



Vac-Truck

- ▶ Vac-Truck rental ranges from \$250-\$375 per hour. Belaire Estates and Minnesota Ave were part of our plan to clean. It took 64 hours to complete this which would have been \$16,000. Utilizing our own vac-truck and (2) staff members it cost \$2,022 plus fuel.

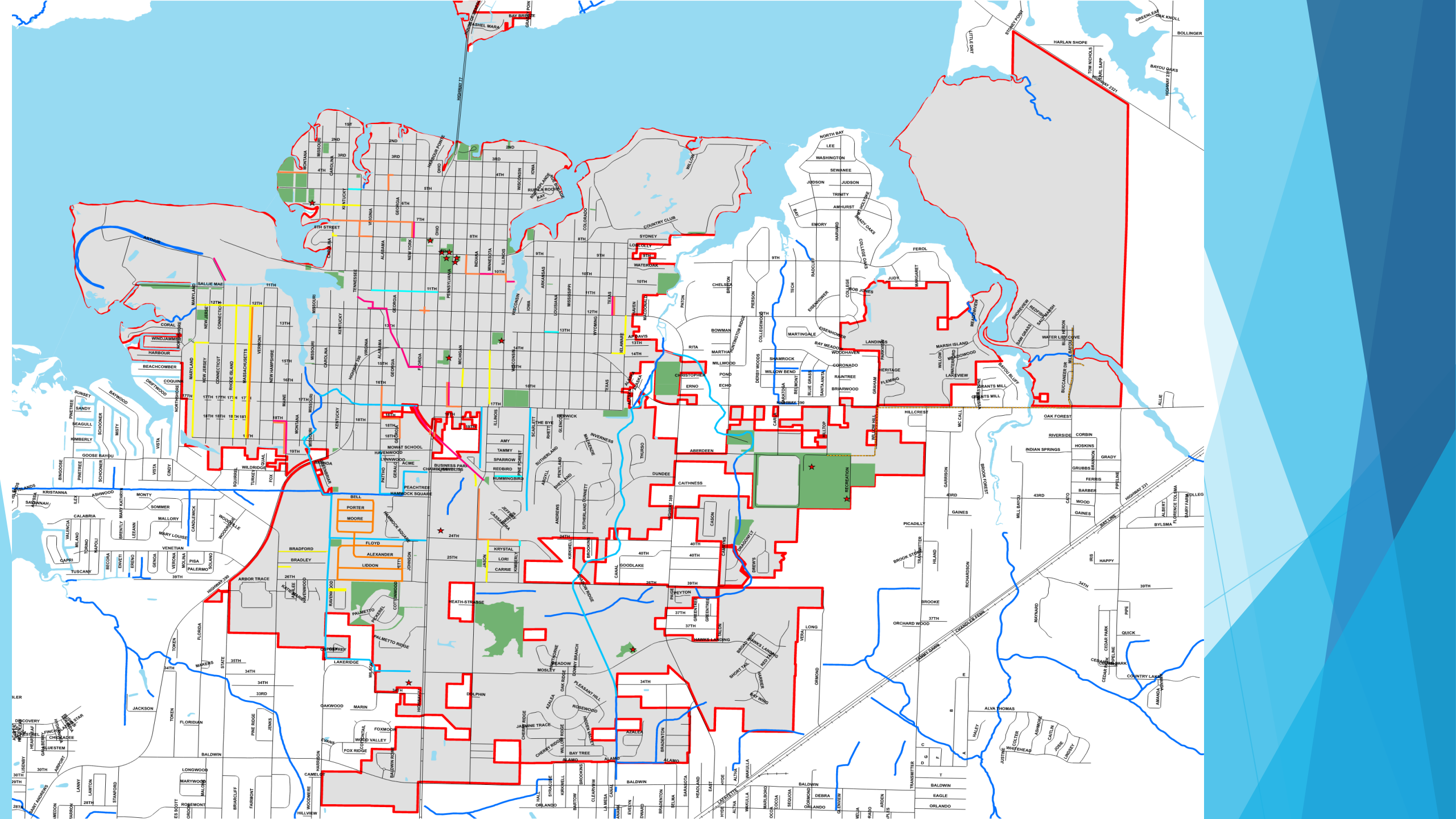
Other Completed Projects

- ▶ Colorado Ave- Completed 2017
- ▶ Pennsylvania Ave- Completed January 2021
- ▶ Georgia Ave- Completed January 2021
- ▶ Florida Ave- Completed January 2021



HMGP Projects

- ▶ Pine Forest Estates- Priority 31
- ▶ 11th St- Priority 39
- ▶ Dundee Ln- Priority 45
- ▶ Mosley Drive- Priority 50
- ▶ Bradley Circle- Priority 67
- ▶ Aberdeen Parkway- Priority 72
- ▶ Acme Lane- Priority 84
- ▶ Indiana Avenue- Priority 86
- ▶ 24th Street- Priority 94
- ▶ McCain Creek Widening- Priority 99
- ▶ E 7th Street- Priority- 117
- ▶ W 10th Street- Priority 118



What's Next??

- ▶ Continue to utilize City staff and Contractors to clean ditches, culverts, and inlets.
- ▶ Continue to learn ways to be more efficient and prevent any flooding due to negligent maintenance.
- ▶ Continue to pursue funding opportunities that provide grants to the City to complete stormwater projects.
- ▶ Answer and respond to citizen complaints and concerns in a timely fashion (workorder program).
- ▶ Continue to work with DOT to clean and maintain their ditches and outfalls.
- ▶ Continue to build and expand our master plan for areas such as dredging outfalls and other construction projects.



▶ Questions?