

2024 Bond Election Information Session

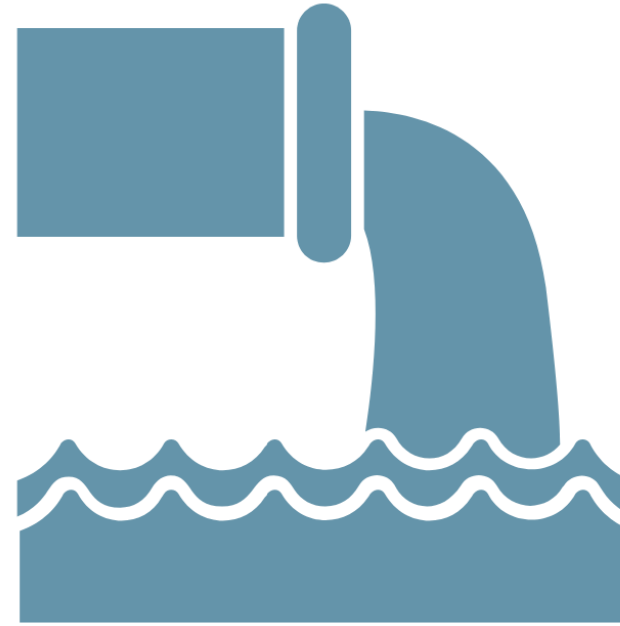
Beth Jones | Assistant City Manager/City Engineer | City of Bellaire
Chris Canonico PE | Principal | Ardurra

Agenda

1. Stormwater Projects
2. Wastewater Projects
3. Funding Options

Proposition A

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PROP A

Drainage

\$40 M

Stormwater Projects

Need:

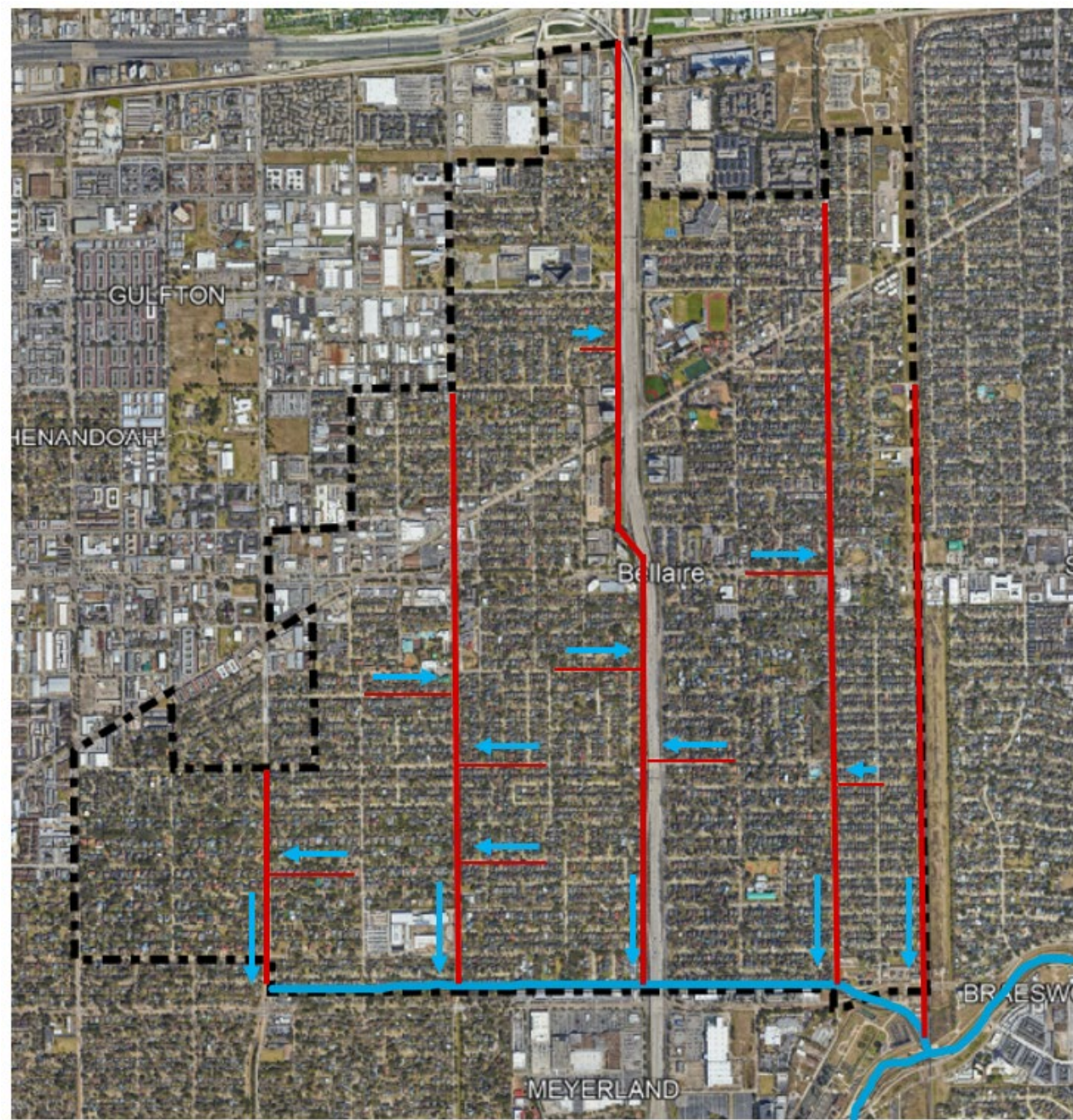
- 95% Bellaire properties are at risk of flooding
- Rain events more frequent, more intense
- Existing stormwater infrastructure built to outdated standards
- Insurance costs rising
- Delays extend risk and costs

Stormwater Projects

Estimated Cost: \$110M

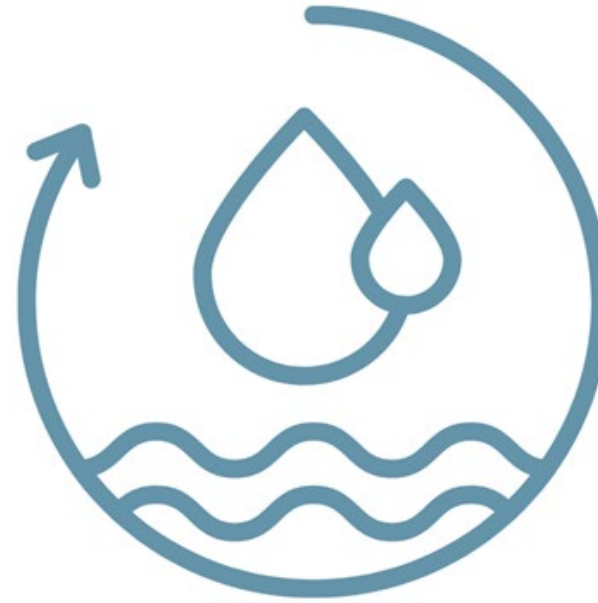
Component Projects:

- | | |
|--------------------------|-------|
| ■ Cypress Ditch widening | \$90M |
| ■ Property acquisition | \$8M |
| ■ Detention construction | \$12M |



Proposition B

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PROP B

Water/Wastewater

\$30 M

Wastewater Projects

Need:

- WWTP and Bellaire lift station at or past useful life
- Major, costly repairs necessary to keep facilities functioning
- Delays increase costs and risk regulatory compliance

Wastewater Projects

Estimated Cost: \$29.5M - \$100M

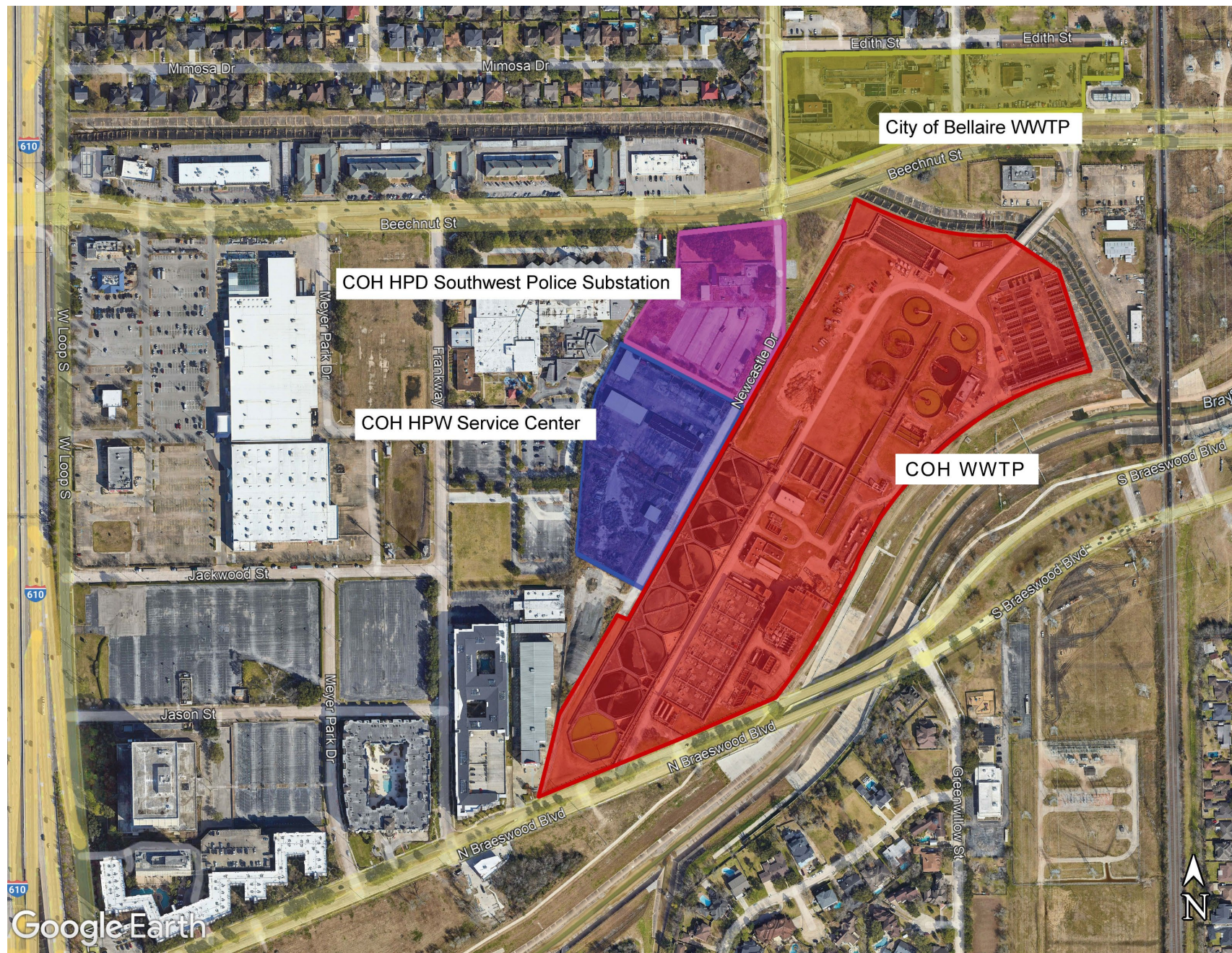
Project Alternatives:

- Rebuild WWTP – \$100M
- Rehab WWTP – \$71.5M
- Connect to Houston's WWTP – \$29.5M

Wastewater Projects

Recommendation: Connect to Houston's WWTP

- Opportunity for detention, clears the path for Cypress Ditch project
- Least expensive alternative
- Passive recreation, greenspace, and trails
- Less regulatory liability
- Cost neutral
- City collection services continue



Water Projects

Need:

- Continued investment in water facilities
- Resiliency

Potential Scope:

- Water line replacements
- Rehab storage tanks
- Backup generation for Renwick water plant

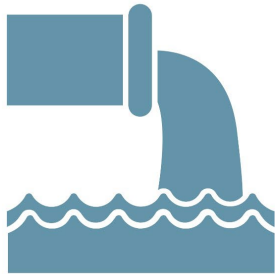
Cost: TBD

Closing the Funding Gap

Supplemental Funding:

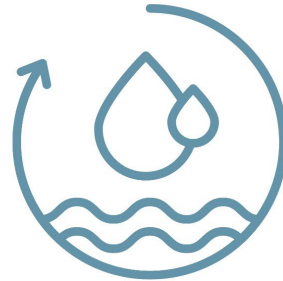
- Partnerships
- Federal appropriation
- State appropriation
- Grants
- Property exchange with Houston

2024 BOND ELECTION INFORMATION



PROP A

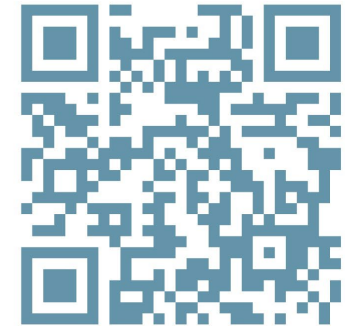
Drainage



PROP B

Water
Wastewater

Nov. 5, 2024



City of
Bellaire

bellairetx.gov/2024bond

Discussion
