



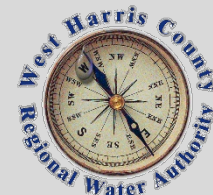
WATER PURIFICATION PLANT EXPANSION

Early Work Package 1 Accept Work

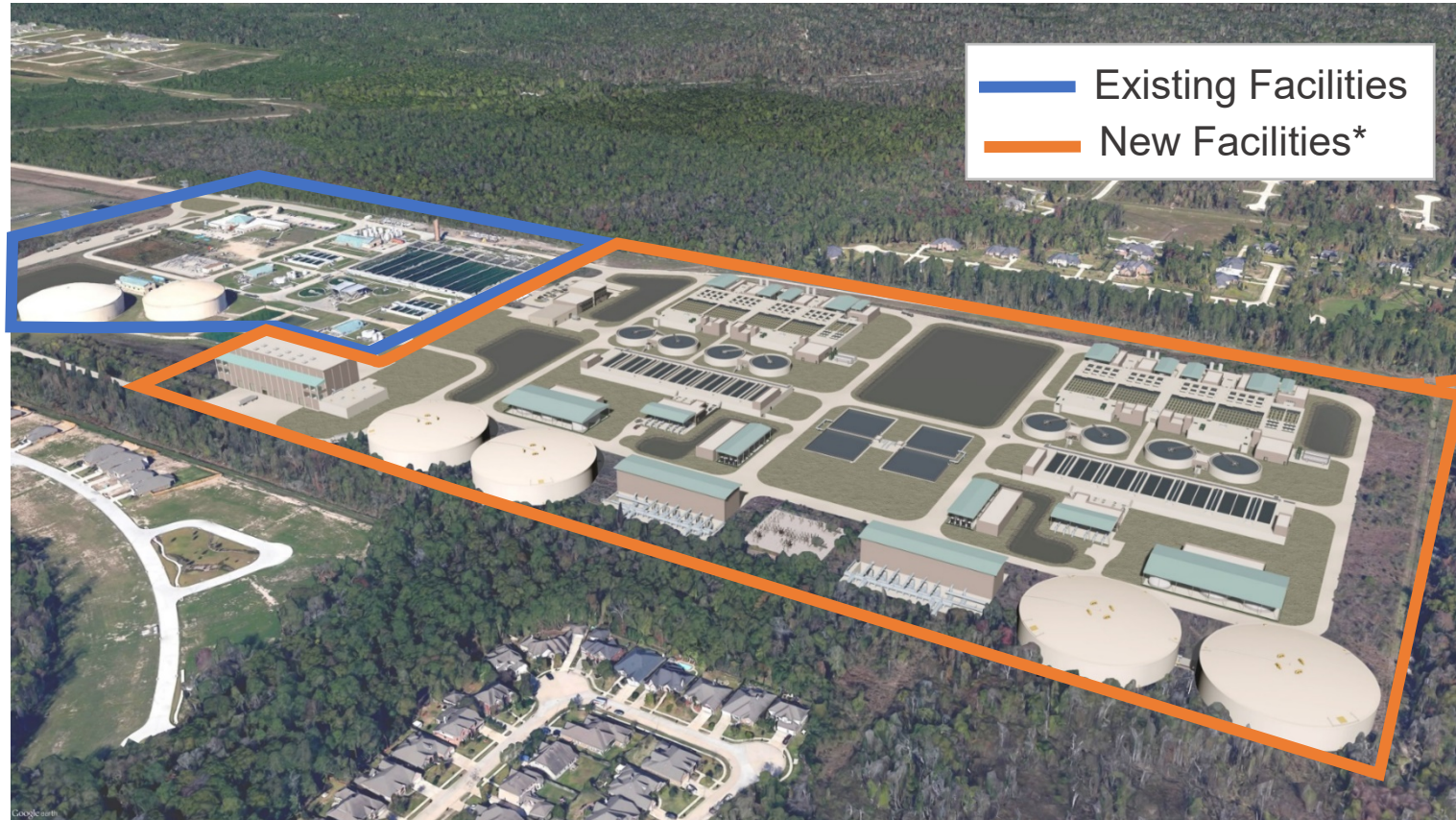
Transportation, Technology & Infrastructure Committee
August 6, 2020



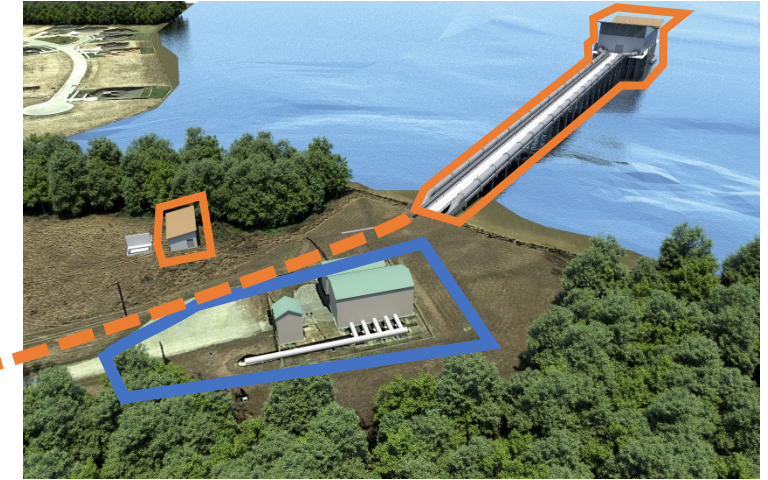
Central Harris County
Regional Water Authority



NORTHEAST WATER PURIFICATION PLANT



Treatment Facilities

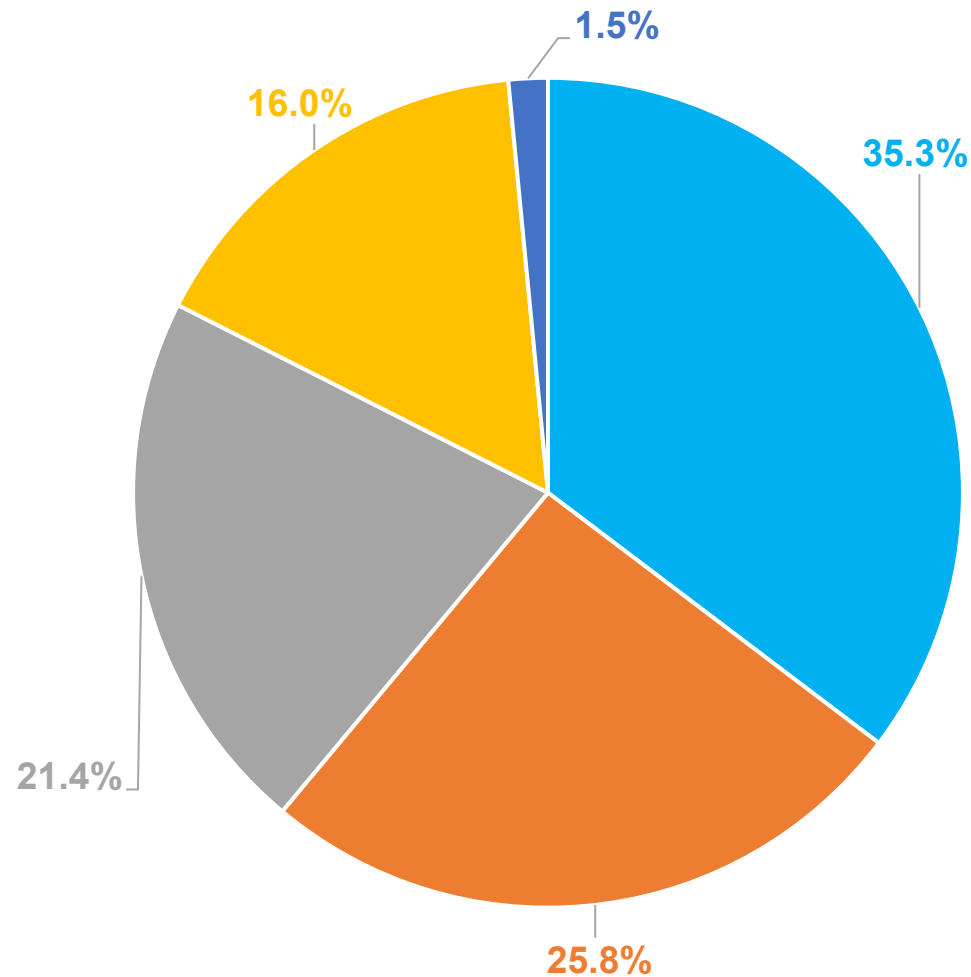


* new facilities shown are renderings of the completed project

PROJECT VIDEO



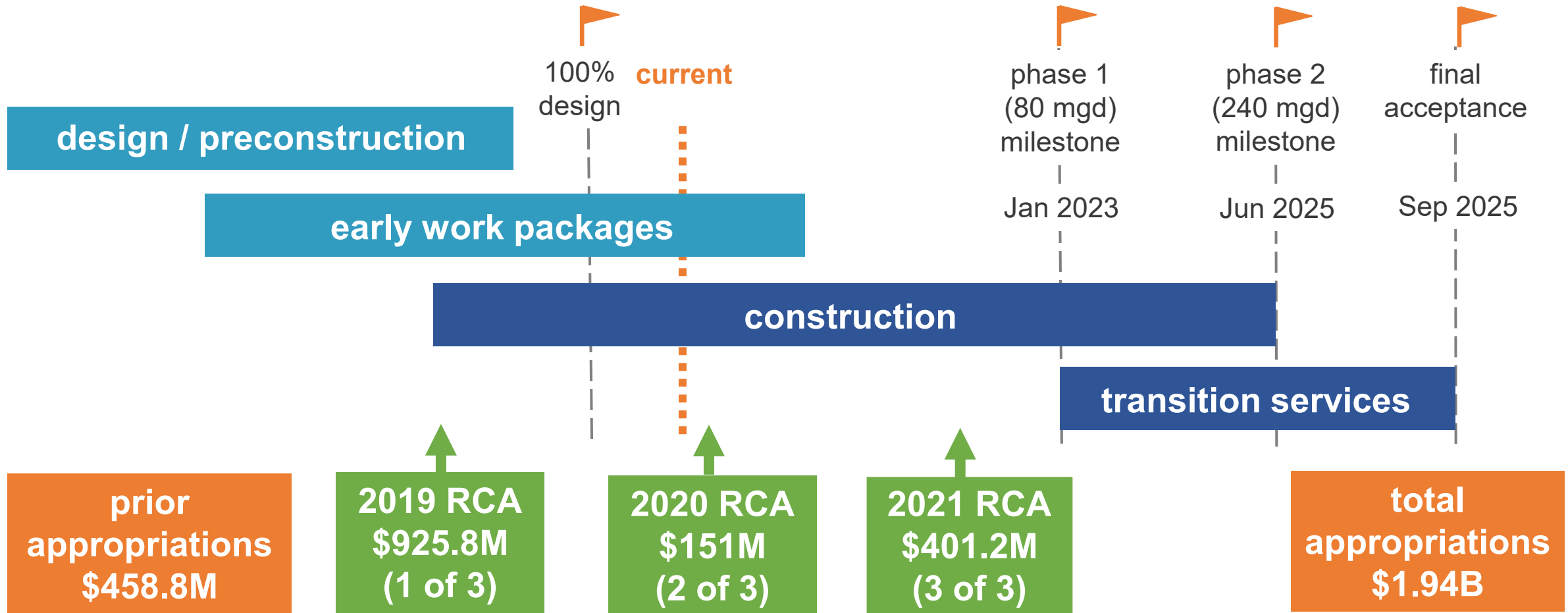
PARTNERS



Cost and Capacity Share

- North Harris County Regional Water Authority
- West Harris County Regional Water Authority
- North Fort Bend Water Authority
- City of Houston
- Central Harris County Regional Water Authority

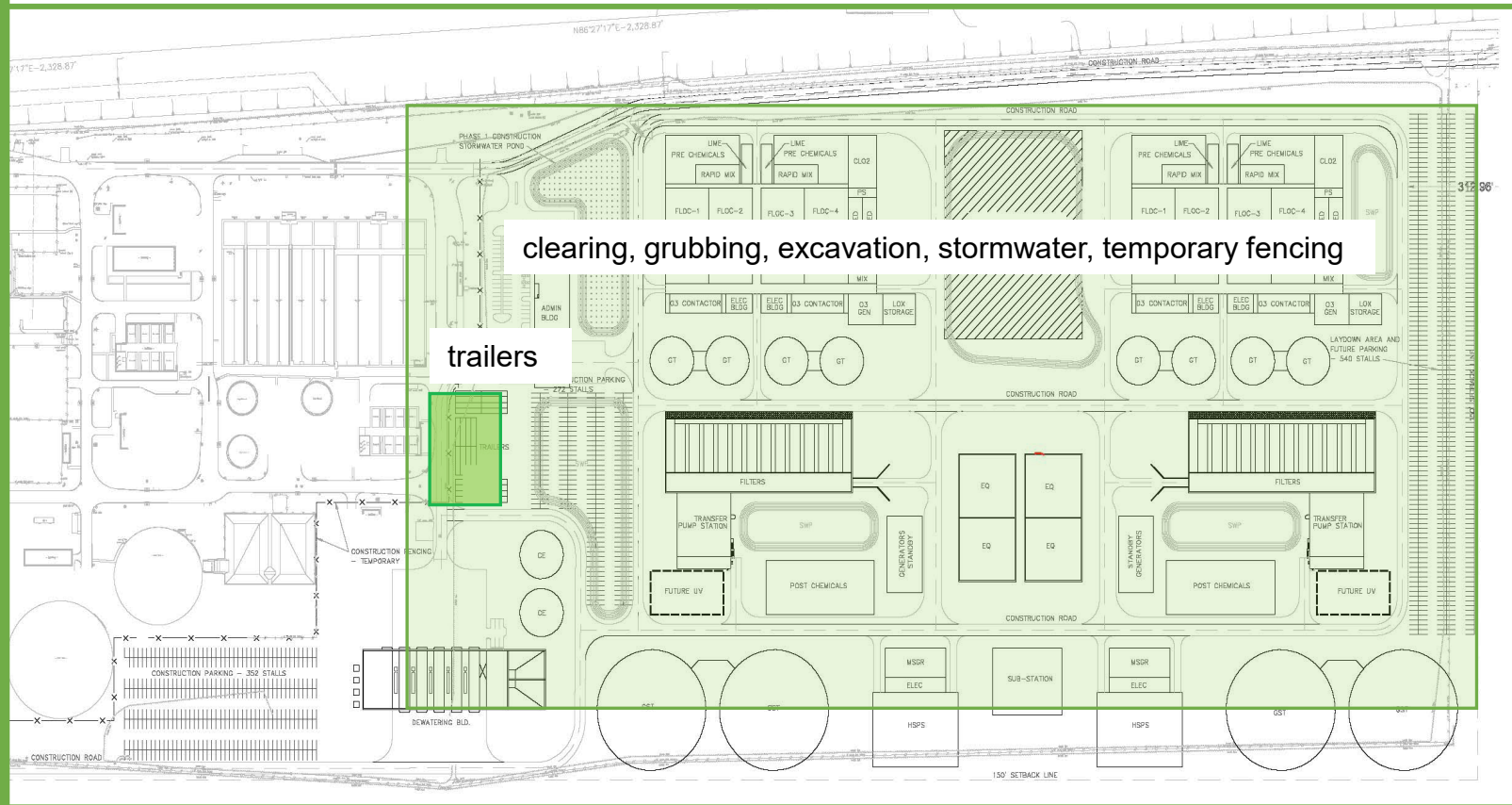
TIMELINE



EARLY WORK PACKAGE 1 - MAP

PACKAGE CHECKLIST

- Clear & grub 90-acre site
- Stormwater management
- Construction access roads
- Construction trailers & utilities
- Mass excavation
- Relocate site utilities
- Dewater site
- Construction electrical drops
- Lighting
- Site survey – baseline
- Construction fence



clearing, grubbing, excavation, stormwater, temporary fencing

trailers

EARLY WORK PACKAGE 1 - PICTURES

Before



During



After



EARLY WORK PACKAGE 1 COMPLETION

Direct Construction Cost \$19.2M

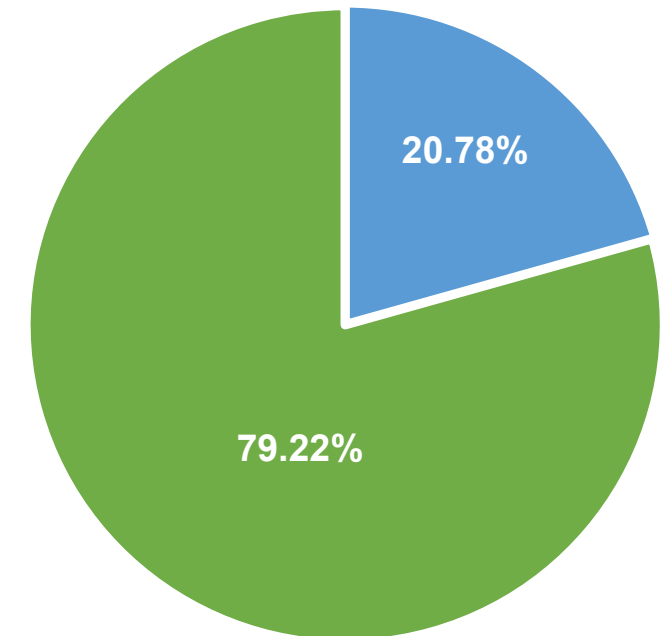


\$36.7M spent
\$37.34M appropriated
(including contingency)

MWSBE Participation

Goal 80.45%

Actual 79.22%



Balance of Work – Houston Waterworks Team

MWSBE Actual Paid

PROGRESS PICTURES

Treatment Facilities



Intake Pump Station



Raw Water Pipelines

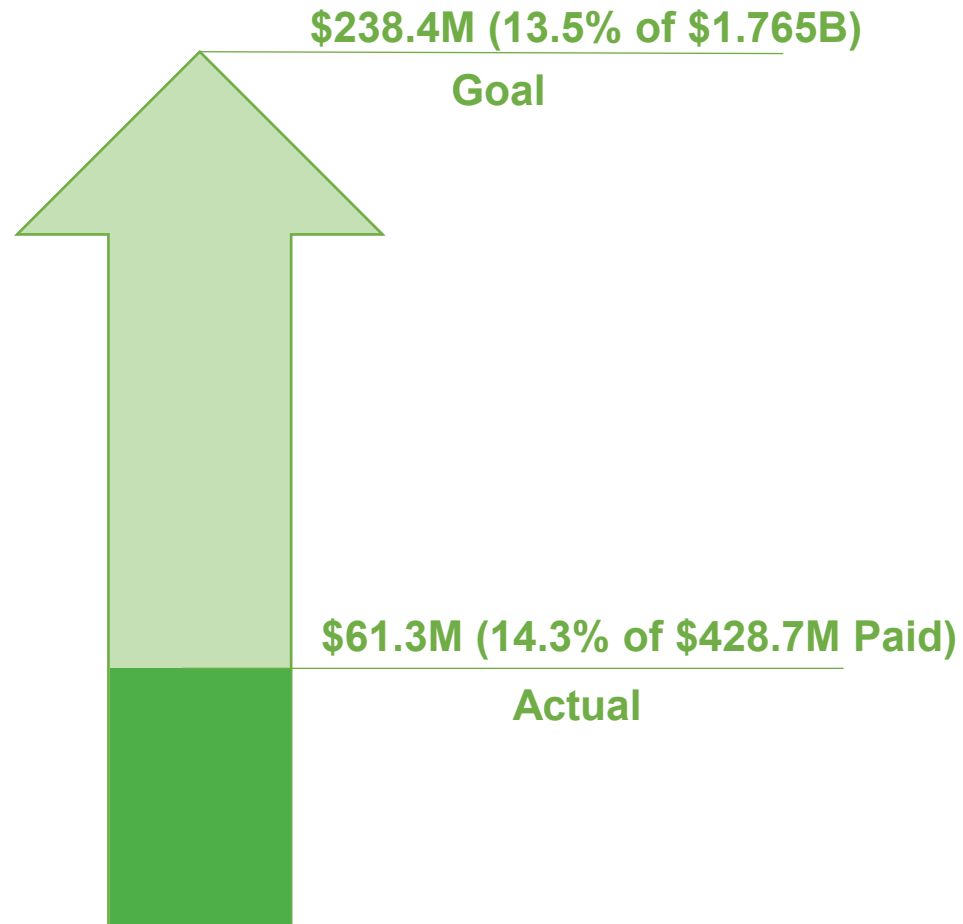


PROJECT PROGRESS TO DATE

| | Planned | Current | Variance |
|-------------------|----------|-----------------|---------------|
| Project Progress | 30% | 30.8% | 0.8% ahead |
| Approved Invoices | \$530M | \$543M | \$13M ahead |
| Schedule* | 397 days | 371 days | 26 days ahead |

*Schedule for Phase I (80 MGD) Milestone

MWSBE PROGRESS TO DATE



Total Project Goal
\$238.4M
66 MWSBE Firms

MWSBE Actual Participation
\$61.3M Paid
99 MWSBE Firms
192 MWSBE Contracts

1000+ Jobs created

COUNCIL ACTION

| when | what | who | appropriation |
|-------------------|--|----------------------------|----------------------------------|
| Sep 9, 2020 | early work package 1 accept work | Houston Waterworks Team | \$0 |
| Nov - Dec 2020 | guaranteed maximum price 2020 appropriation (2/3) | Houston Waterworks Team | \$151m (city share \$2.6m) |
| Fall 2021 | early work package 4 accept work | Houston Waterworks Team | \$0 |
| Nov - Dec 2021 | guaranteed maximum price 2021 appropriation (3/3) | Houston Waterworks Team | \$401.2m (city share \$81.4m) |

CONTACT

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contact us at this email & phone number for faster response