

## MEMORANDIUM

Date: November 4, 2024  
To: Mayor Wil Kennedy  
City Council Members  
From: Dinh V. Ho, P.E.  
RE: COIC Council Meeting – November 2024 Engineer’s Report  
cc: Robert Hemminger, Kayleen Rosser

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The following is a status report of various engineering items:

1. TxDOT Overpasses:
  - Staff has a standing monthly construction meeting with TxDOT for updates. Next meeting is scheduled for Tuesday 10/8.
  - TxDOT has submitted to the City costs for upgrading the LED street name plate and black powder coated traffic signal poles. We are expecting revised costs for these items.
2. GRANTS UPDATE
  - GLO MIT MOD – ICB DRAINAGE IMPROVEMENTS
    - i. The project is scheduled to be advertise in October and accept bids on 11/14/2024.
    - ii. Expect to be awarded at the December Council Meeting.
3. Capital Improvement Projects
  - 2021 Waterline Extension - ARPA
    - i. GM Vera's Construction was selected as the contractor with a bid in the amount of \$1,179,533.14.
    - ii. Construction is expected to start in January.
  - 2023 Ames Blvd Extension
    - i. Working with the County on ROW acquisition.
    - ii. Currently under design at 80%.
  - Water Plant No. 1 – Filtration System for the removal of Iron and Manganese
    - i. The Pilot Study for the treatment of Iron and Manganese is complete.
    - ii. Recommended a Dual Media Sand/Anthracite filter system.
    - iii. Staff is working on engineering and procurement options for this system.
4. CONSTRUCTION PROJECT STATUS:
  - A. *MERIDIANA SUBDIVISION – RISE COMMUNITIES*
    - Active construction projects
      - Detention Pond O & P – Hardscape – 90% Complete
      - BCMUD 55 WWTP Expansion Ph 4 – 30% complete
  - B. *STERLING LAKES – LAND TEJAS*
    - Active construction projects.
      - BCMUD 31 WWTP Expansion Ph IV – 99% Complete. Awaiting punch list items to be addressed. Awaiting final closeout documents.
      - BCMUD 31 Water Well 1 and 2 Rework – Waiting of close-out docs Well No.2

C. *SIERRA VISTA - LAND TEJAS*

- Active construction projects
  - Section 10 – on agenda for approval into One Year Maintenance Period

D. *SIERRA VISTA WEST - LAND TEJAS*

- Active construction projects:
  - BCMUD 53 Wastewater Treatment Plant Expansion – 85% complete
  - Sierra Vista West Mass Grading and Detention Phase II – Awaiting final walk.
  - Sierra Vista West Ph II B Excavation and Grading – 95% Complete.
  - BCMUD 53 Water Plant Expansion – 85% Complete.
  - SVW Civil Site – Amenity Center – Awaiting final walk.

E. *STERLING LAKES NORTH*

- Active construction projects:
  - Sterling Lakes North Detention – 95% Complete. Awaiting final walk.
  - Sterling Lakes North Lift Station No. 1 – 85% Complete. Awaiting Power
  - Sterling Lakes North Lift Station No. 2 – 85% Complete. Awaiting Power
  - Sterling Lakes North Mass Grading Only – 95% Complete. Awaiting final walk.
  - Cedar Rapids Parkway Phase II – On agenda for acceptance into One Year Maintenance Period
  - Sterling Lakes North Sec 8 – On agenda for acceptance into One Year Maintenance Period
  - Sterling Lakes North (Canterra Creek) Rec Center- Awaiting final walk
  - Karsten Blvd North Ph 2 -60% Utilities.

F. *CALDWELL CROSSING*

- Active construction projects
  - BCMUD 87 Detention and Grading Phase 2 – 65% Complete.
  - BCMUD 87 Water Plant No. 1 – 85% Complete. Awaiting power.
  - BCMUD 87 Offsite 8" Force Main & Waterline – 75% utilities.
  - BCMUD 87 Lift Station No. 2 – 70% complete, awaiting power.
  - BCMUD 87 WWTP Expansion and Onsite Lift Station No. 1 – 70% complete
  - Caldwell Ranch Crossing Detention Ph IIB – 75% complete
  - Caldwell Crossing Section 3 – 75% Utilities, 15% Paving
  - Caldwell Crossing Section 4 – 75% Utilities, 5% Paving

G. *CALDWELL LAKES*

- BCMUD 87 Detention and Grading Ph 3 – 80% complete
- Caldwell Lakes Section 1 – 20% Utilities
- Caldwell Ranch Blvd Ph IIIB – permit pulled.

H. *CREEKHAVEN – MUD 92*

- Active construction projects:
  - Mass Grading and Detention Ph 1 – 75% complete
  - BCMUD 92 Water Plant No. 1 – 55% complete
  - Creekhaven Sec 1 – 80% utilities, 80% paving
  - Creekhaven Sec 2 – 80% utilities, 80% paving
  - Creekhaven Sec 3 – 70% utilities, 50% paving
  - Creekhaven Blvd and Karsten Blvd Ph 1- 75% utilities, 75% paving

I. *ELLWOOD*

- Ellwood Sec 1 Ph 1 Detention, Excavation, Spoils and Outfall –50%

J. *OTHER CONSTRUCTION PROJECTS*

- Magnolia Bend Sec 2 – awaiting completion of punchlist items.
- Break Time C-Store– Meridiana Pkwy & Karsten Blvd – complete

- Star Stop C-Store – Meridiana & Crystal View – Completed.
- Primespot C-Store (Pursley & Meridiana Pkwy)– 80% utilities complete
- Shops at Meridiana (Pursley & Meridiana Pkwy)– 80% utilities complete
- McDonald's – mobilized
- Prose Sierra Vista – 60% utilities
- Autozone- 15% utilities
- Centre at Sierra Vista – precon held.