

## MEMORANDIUM

Date: July 2, 2024  
To: Mayor Wil Kennedy  
City Council Members  
From: Dinh V. Ho, P.E.  
RE: COIC Council Meeting – July 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.
  - Traffic will be switching to the new off and on ramps at Cedar Rapids for both south and northbound lanes on 6/6 (North) and 6/7 (South). This will allow them to finish the crossing.
  - Davenport Parkway West will be closed from 6/6 to 6/16 to perform fast track work at the intersection.
2. GRANTS UPDATE
  - GLO MIT MOD – ICB DRAINAGE IMPROVEMENTS
    - i. Currently at 70% design phase.
    - ii. Working with pipeline company to verify depths of pipeline under the existing channel. Coordinating with BCDD5 to assist with removing existing rip rap to probe.
    - iii. Currently in environmental review phase, including wetland delineation.
3. Capital Improvement Projects
  - 2021 Waterline Extension
    - i. We are working with Public Management on review of the procurement for this project.
    - ii. Expected to bid in June.
  - 2023 Ames Blvd Extension
    - i. Survey is complete.
    - ii. Working with the County on ROW acquisition. Slow process.
    - iii. Currently under design at 80%.
4. CONSTRUCTION PROJECT STATUS:
  - A. *MERIDIANA SUBDIVISION – RISE COMMUNITIES*
    - Active construction projects
      - Detention Pond O & P – Hardscape – 90% 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 – 40% completed Well No.2
  - C. *SIERRA VISTA - LAND TEJAS*
    - Active construction projects
      - Section 10 – 30% of utilities complete.

*D. SIERRA VISTA WEST - LAND TEJAS*

- Active construction projects:
  - Baird Blvd Ph 1 – On agenda for one year maintenance period
  - BCMUD 53 Wastewater Treatment Plant Expansion – 70% 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 – 80% Complete.
  - SVW Civil Site – Amenity Center – Awaiting final walk.

*E. STERLING LAKES NORTH*

- Active construction projects:
  - Sterling Lakes North Detention – 95% Complete.
  - Sterling Lakes North Lift Station No. 1 – 85% Complete. Awaiting Power
  - Sterling Lakes North Lift Station No. 2 – 80% Complete.
  - Sterling Lakes North Mass Grading Only – 95% Complete.
  - Cedar Rapids Parkway Phase II – 80% Utilities and Paving 85% complete.
  - Sterling Lakes North Sec 7 – 85% utilities complete and 90% paving complete.
  - Sterling Lakes North Sec 8 – 75% utilities complete and 30% paving complete.
  - Sterling Lakes North (Canterra Creek) Rec Center- Awaiting final walk
  - Bullard Parkway Ph III- Awaiting final walk.

*F. CALDWELL CROSSING*

- Active construction projects
  - BCMUD 87 Detention and Grading Phase 1 – awaiting closeout docs.
  - BCMUD 87 Detention and Grading Phase 2 – 65% Complete.
  - BCMUD 87 Water Plant No. 1 – 85% Complete. Awaiting power.
  - Caldwell Crossing Section 2 – 85% utilities, Paving 80%
  - BCMUD 87 Offsite 8" Force Main & Waterline – 75% utilities.
  - Caldwell Crossing Section 1 – 85% of utilities, 20% paving.
  - BCMUD 87 Lift Station No. 2 – 70% complete, awaiting power.
  - BCMUD 87 WWTP Expansion and Onsite Lift Station No. 1 – 70% complete
  - BCMUD 87 Detention and Grading Ph 3 – 65% complete
  - Caldwell Ranch Crossing Detention Ph IIB – 65% complete
  - Caldwell Ranch Blvd Ph IIIB – permit pulled.

*G. CREEKHAVEN*

- Active construction projects:
  - Mass Grading and Detention Ph 1 – 70% complete
  - BCMUD 92 Water Plant No. 1 – 30% complete
  - Creekhaven Sec 1 – 80% utilities, 20% paving
  - Creekhaven Sec 2 – 40% utilities, no paving
  - Creekhaven Sec 3 – 25% utilities
  - Creekhaven Blvd and Karsten Blvd Ph 1- 115% utilities

*H. OTHER CONSTRUCTION PROJECTS*

- AISD JHS – Awaiting Final walk.
- Magnolia Bend Sec 2 – 40% complete
- C-Store Break Time – Meridiana Pkwy & Karsten Blvd – Utilities 85% Complete
- Primespot C-Store – 75% utilities complete
- Shops at Meridiana – 20% utilities complete