

Flood Diversion Authority Board Meeting Existing Task Orders Progress

Presented by

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March 14, 2013

Presentation Outline

💧 *Existing Task Orders Progress*

- 💧 Houston-Moore Group (HMG) Task Order Progress Update
- 💧 ProSource Task Order Progress Update
- 💧 Ulteig Task Order Progress Update
- 💧 URS AWD Progress Update

Existing HMG Task Order Progress

- ▶ *Task Order 1 - Design Project Management*
 - ▶ Coordinated and met with PMC, Sponsors, and USACE as needed
- ▶ *Task Order 2 - Work Package 2 (CR-31 Bridge)*
 - ▶ Prepared 90% Bridge and Channel Design, responded to ATR comments
 - ▶ Developed final plans and specifications
 - ▶ Coordinated with USACE on Reach 1 design connections and undulation grading
- ▶ *Task Order 3 - Work Package 4 (I-29 and CR-81 Bridges)*
 - ▶ Prepared 90% Bridge and Channel Design, responded to ATR comments
 - ▶ Developed final plans and specifications
 - ▶ Coordinated with USACE, BNSF Railway, and NDDOT on design elements
- ▶ *Task Order 4 - Work Package 7 (CR-32 & CR-22 Bridge)*
 - ▶ Prepared 90% Bridge and Channel Design, responded to ATR comments
 - ▶ Developed final plans and specifications
 - ▶ Designed construction detour routes

Existing HMG Task Order Progress

- ▶ *Task Order 5 – Post Feasibility Engineering Analysis*
 - ▶ Finalized Technical Memorandums have been finalized
- ▶ *Task Order 6 – Land Management Services*
 - ▶ Coordinated right of entry for field activities
 - ▶ Participated in hardship acquisition
- ▶ *Task Order 7 - Recreation and Use Master Plan and Design*
 - ▶ Designed Reach 1 and Reach 2 EMB undulations for recreation features
 - ▶ Designed undulations for Reach 3 and Bridge design reaches
 - ▶ Developed Bridge Aesthetics plan
- ▶ *Task Order 8 - Work-In-Kind (WIK)*
 - ▶ Finalized outstanding technical memorandums
 - ▶ Coordinated with MnDNR on geomorphology

Existing HMG Task Order Progress

- ▶ *Task Order 9 – Hydrology and Hydraulic Modeling*
 - ▶ Participated in Maple River Aqueduct Physical Modeling activities
 - ▶ Updated Phase 7 HEC-RAS hydraulic model
 - ▶ Finalized Extreme Rainfall Analysis Report
 - ▶ Updated hydraulic modeling for Phase 2 Probable Maximum Flood (PMF)
- ▶ *Task Order 10 – Utilities Design and Identification*
 - ▶ Coordinated with utility companies and USACE
 - ▶ Identified utilities south of I-94
- ▶ *Task Order 11 - Work Package 11 (Reach 6 and CR-20)*
 - ▶ Initiated planning for field survey and geotechnical field work
- ▶ *Task Order 12 – Work Package 13 (CR-10)*
 - ▶ Design work paused

Existing HMG Task Order Progress

- ▶ *Task Order 13 – Levee Design and Design Support*
 - ▶ Red River (In Town) Levees
 - ▶ Conducted geotechnical investigations and field survey in 2nd Street North area
 - ▶ Support of Oxbow Area Levees – assisting USACE design team
 - ▶ Preliminary planning and design for proposed Oxbow/Hickson/Bakke Levee
 - ▶ Planning for geotechnical field work for Oxbow/Hickson/Bakke Levee
 - ▶ Developed preliminary concepts for staging area non-structural improvements
 - ▶ Preliminary planning and design for proposed levees in Christine, ND, Comstock, MN, and Wolverton, MN

Existing HMG Task Order Progress

- 💧 *Task Order 14 – Transportation and Local Drainage Master Plans South*
 - 💧 Transportation Plan
 - 💧 Coordinated with Cass County on south of I-94
 - 💧 Planned meetings with Township officials
 - 💧 Initiated design of Local Drainage Plan South
 - 💧 Initiated design of I-29 South, Cass County Highway 16 Interchange

Existing ProSource Task Order Progress

- ▾ *Task Order 1 – Land Management Services (Appraisals and Property Acquisitions)*
 - ▾ No activity this month

Existing Ulteig Task Order Progress

- ▾ *Task Order 1 – Land Management Services (Appraisals and Property Acquisitions)*
 - ▾ No activity this month

Existing URS AWD Progress

- ▾ *Cultural Resources Inventory*

- ▾ Contacting and planning for spring 2013 field work