



Granger Lake Slope Stabilization Construction Services

***Presented by
Brad Brunett
Central & Lower Basin Regional Manager***

Meeting Date: September 26, 2022

Project Purpose

- **Mitigate the erosion and stabilize the shoreline and slope adjacent to the East Williamson County RWS pump station to protect the building and its appurtenances (access road, security fence, and water line) by hard armoring the slope.**
- **Replace the concrete apron and surrounding sidewalks around the intake structure.**







Summary of Work

- **Clearing vegetation from the slope**
- **Limited excavation and grading to access the shoreline as necessary to complete construction of the shoreline stabilization system**
- **Installation of soil nail and shotcrete wall**
- **Installation of fabric formed concrete mattress**
- **Installation of concrete apron and downspouts around the structure**
- **Site restoration**
- **Closeout activities**



← **Example of fabric
formed articulating
concrete block
mattress installation**

**Example of shotcrete
being used for slope
stabilization** →



USACE Coordination

- **Coordination is ongoing with the Corps for approval/compliance with the following items:**
 - **Mitigation Plan (will be going out for a separate RFB)**
 - **Nationwide Permit 13 Pre-Construction Notification Application & Section 408 Coordination**
 - **Easement Amendment**

Bid Process & Timeline

- **Friday, August 26, 2022: Bid Advertisement**
- **Wednesday, September 7, 2022: Mandatory Pre-Bid/Site Visit Meeting**
- **Monday, September 19, 2022: Bids Due at 10:00 a.m.**
- **Monday, September 19, 2022: Bid Opening at 2:00 p.m.**

GeoStabilization International	Austin Filter System	Dalrymple Gravel & Contracting Co.
\$1,578,745	\$1,663,007	\$2,231,826

“BE IT RESOLVED that the Board of Directors of the Brazos River Authority hereby authorizes the General Manager/CEO to negotiate and execute a contract with GeoStabilization International for construction services required to complete the Granger Lake Slope Stabilization Project for an amount not to exceed \$1,737,000.

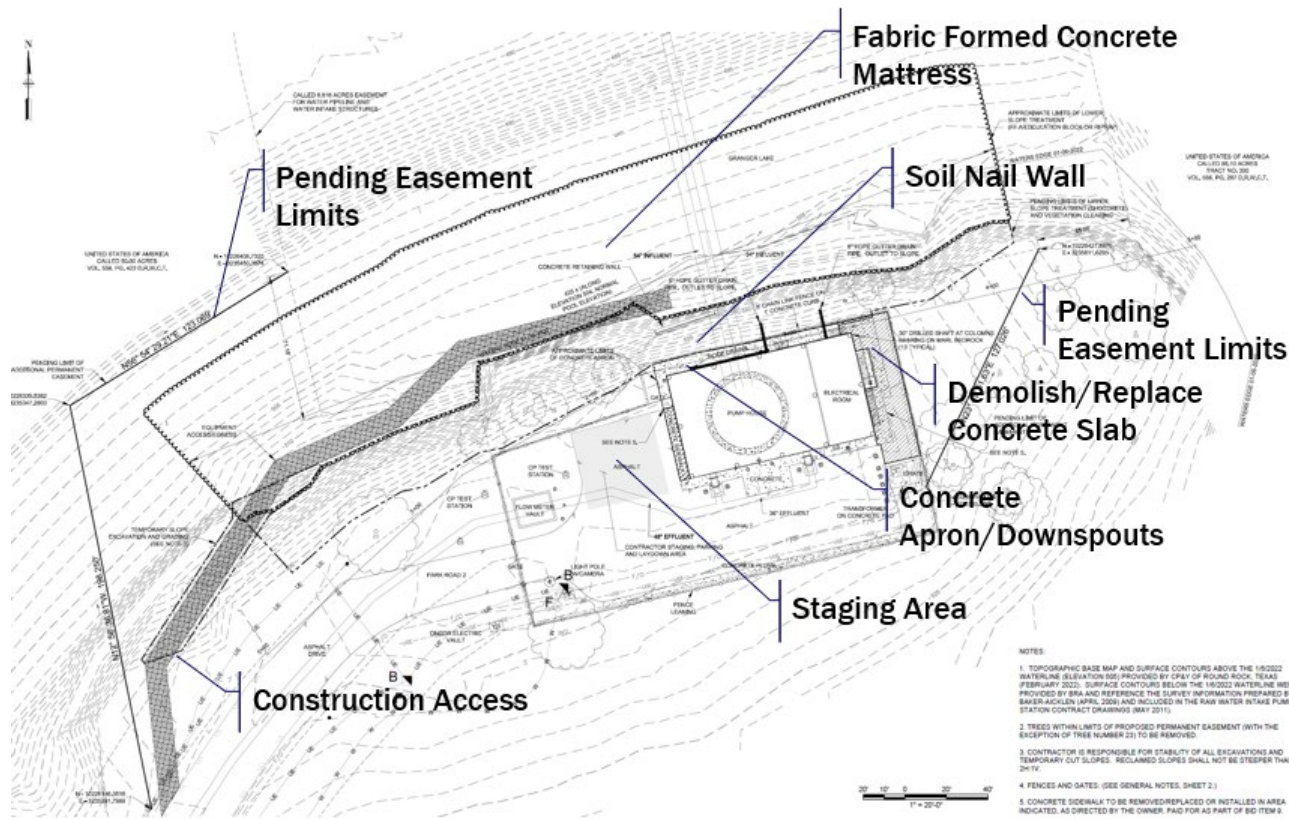
BE IT FURTHER RESOLVED that the Board of Directors of the Brazos River Authority hereby authorizes the General Manager/CEO to approve Change Orders as deemed appropriate by the General Manager/CEO, subject to the aforementioned not to exceed value.



**Brazos
River
Authority**



Final Design



Schedule

- Estimated Notice to Proceed: TBD (USACE Approval)

