Community Meeting
Glenbrook Stormwater Detention Basin

Agenda

• Open House – Review Maps

• Presentation
  – Introductions
  – Purpose and Need
  – History and Existing Conditions
  – Features
  – Design Concepts

• Questions
Background

• Flooding – April 2005

• Public Meeting – April 2010
  – Concept design presented to community
  – Feedback incorporated into design

• Project re-prioritized and temporarily put on hold

• Updated plan and design for 2016
Existing Conditions
Existing Conditions

View looking south southwest from top of detention basin berm

View looking southwest along detention basin from NE corner

View looking west along detention basin from NE corner

View looking southeast across detention basin

View looking west along detention basin and open channel

View looking west along open channel

View looking east across open field

View looking south to Wagan Trail Dr. trail entrance

Intersection of the Bowies lateral ditch and storm channel
Purpose and Need

• Existing facility does not meet current needs
• Community flooding
• Disconnect storm runoff from irrigation ditches
• Detention of stormwater runoff
• Water quality improvement
• Promote native vegetation and habitat
• In accordance with Urban Drainage Master Plan
Marston Lake North Watershed Map
Proposed Stormwater Facility
Components

- New Crossing
- New Forebay
- New 10’ Concrete Trail with Planting Enhancements
- New 48” RCP
- New Outfall
- Regrading of Basin - Planted with Native Grass, Shrubs, and Trees
- Preservation of Existing Wetland Meadow
- New 36” RCP

Glenbrook Detention Basin - Project Components
Preliminary Schedule

• **Design:** March - July 2016

• **Bidding:** August - October 2016

• **Contract Approval:** November 2016 - January 2017

• **Construction:** February – September 2017