

Blanco Riverine Flood Mitigation Project

Community Meeting

Wednesday April 18, 2018



Introduction

City of San Marcos

- Laurie Moyer, Director of Engineering
- Greg Schwarz, Senior Engineer
- Melani Howard, Habitat Conservation Manager
- Nancy Hyde, Administrative Assistant

Engineering Consultant - Halff Associates

- Eric Ratzman, Project Manager
- Mike Moya, Vice-President
- Cindy Engelhardt, Drainage Team Leader
- Jim Carrillo, Senior Planner



Agenda

- Introduction
- Meeting purpose
- Background
- Blanco Gardens Flooding
- Challenges
- Previous Feasibility Study
- Previous USACE Study
- Project Funding
- Potential Near and Long-Term Options
- Next Steps / Timeline
- Questions/comments

Purpose of this Meeting

For City staff and consulting engineers to listen to your:

- Concerns
- Observations
- Ideas



Background

- In response to the Memorial Day Floods and All Saints Flood of 2015, San Marcos received a \$25 million allocation from the U.S. Department of Housing (HUD).

(DR) Disaster Recovery Funds

- Administration, Planning, Housing, and Infrastructure

Blanco River Flooding



Blanco Gardens Flooding



Challenges

- Massive overflow from Blanco River into neighborhood
- Requires a combination of solutions
- Need to work with natural river flow patterns
- Consider property owners affected (up and downstream)
- Long-term solution is very costly (need more funding)
- Determine how to best utilize the current funds

Previous Feasibility Study

Near-Term Option

Feasibility Options A and D

- Cost ~ \$11.5 million



Previous USACE Study

Near-Term Option

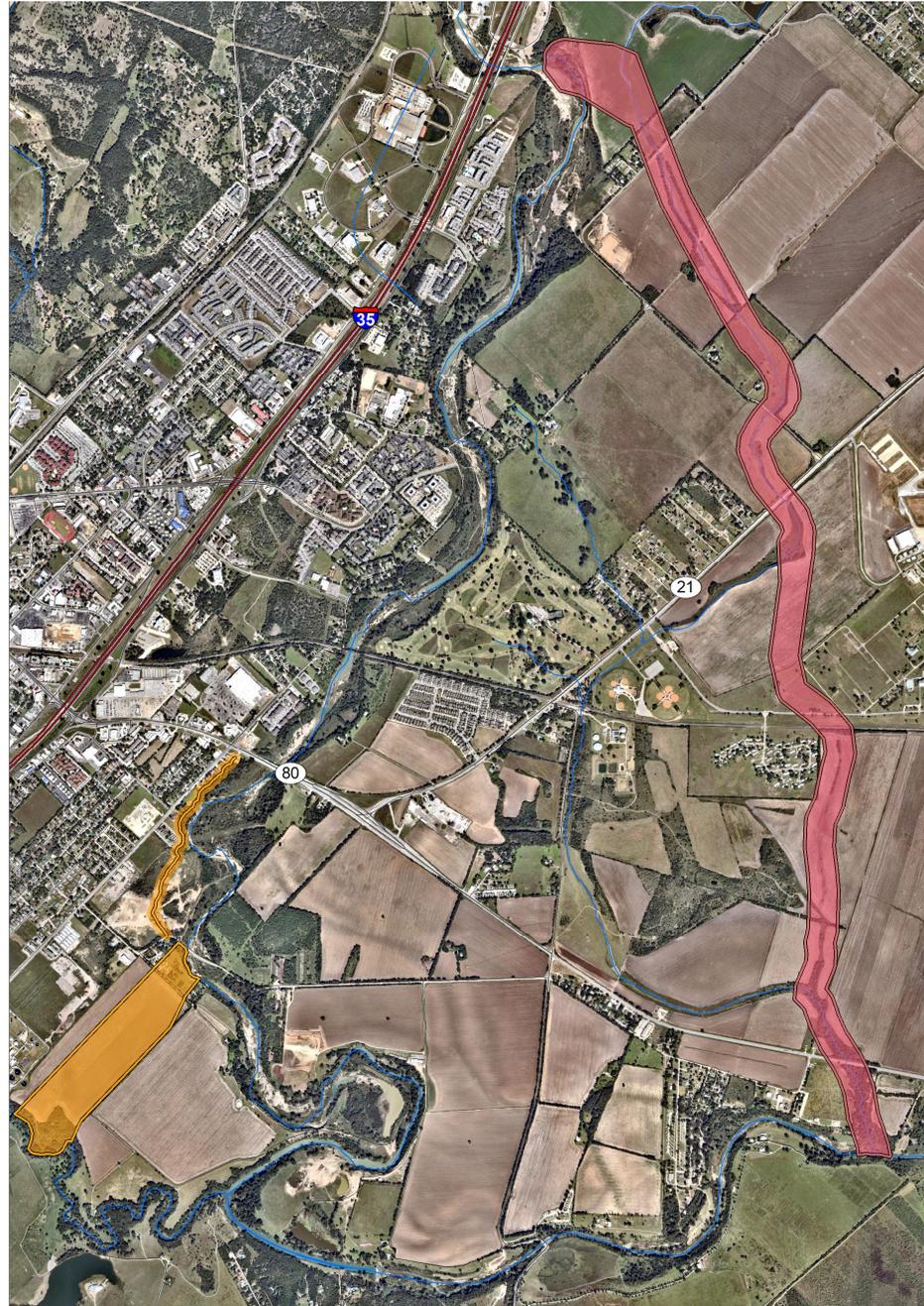
Blanco Gardens Berm
and Diversion 2

- Cost ~ \$9.4 million

Long-Term Option

Bypass of Bypass Creek
and Blanco Gardens Berm

- Cost ~ \$52.5 million



Project Funding In Place

- TWDB \$1,961,821
- CDBG-DR (2017) = \$6,971,200
- CDBG-DR (2018) = TBD
- USACE = None*
- City Funding = TBD
- Other Sources = TBD



* Long-term project did not meet USACE benefit to cost ratio > 1

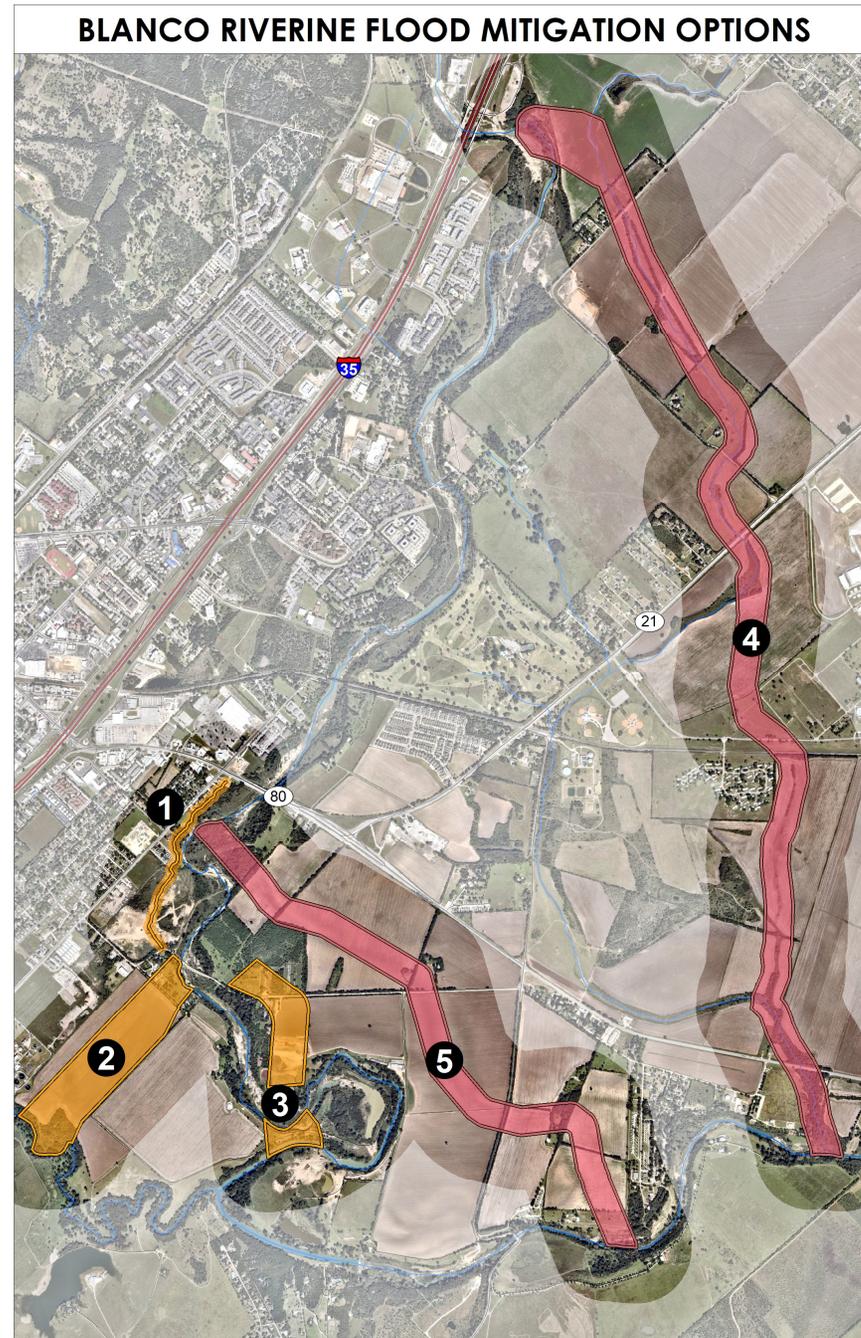
Potential Near and Long-Term Options

Near-Term Options

1. Blanco Gardens Berm / Feasibility Option D
2. Diversion 2 / Feasibility Option C
3. Blanco Oxbow Diversions / Feasibility Option A

Long-Term Options

4. Bypass of Bypass Creek
5. Diversion 1 / Feasibility Option B



Next Steps / Timeline

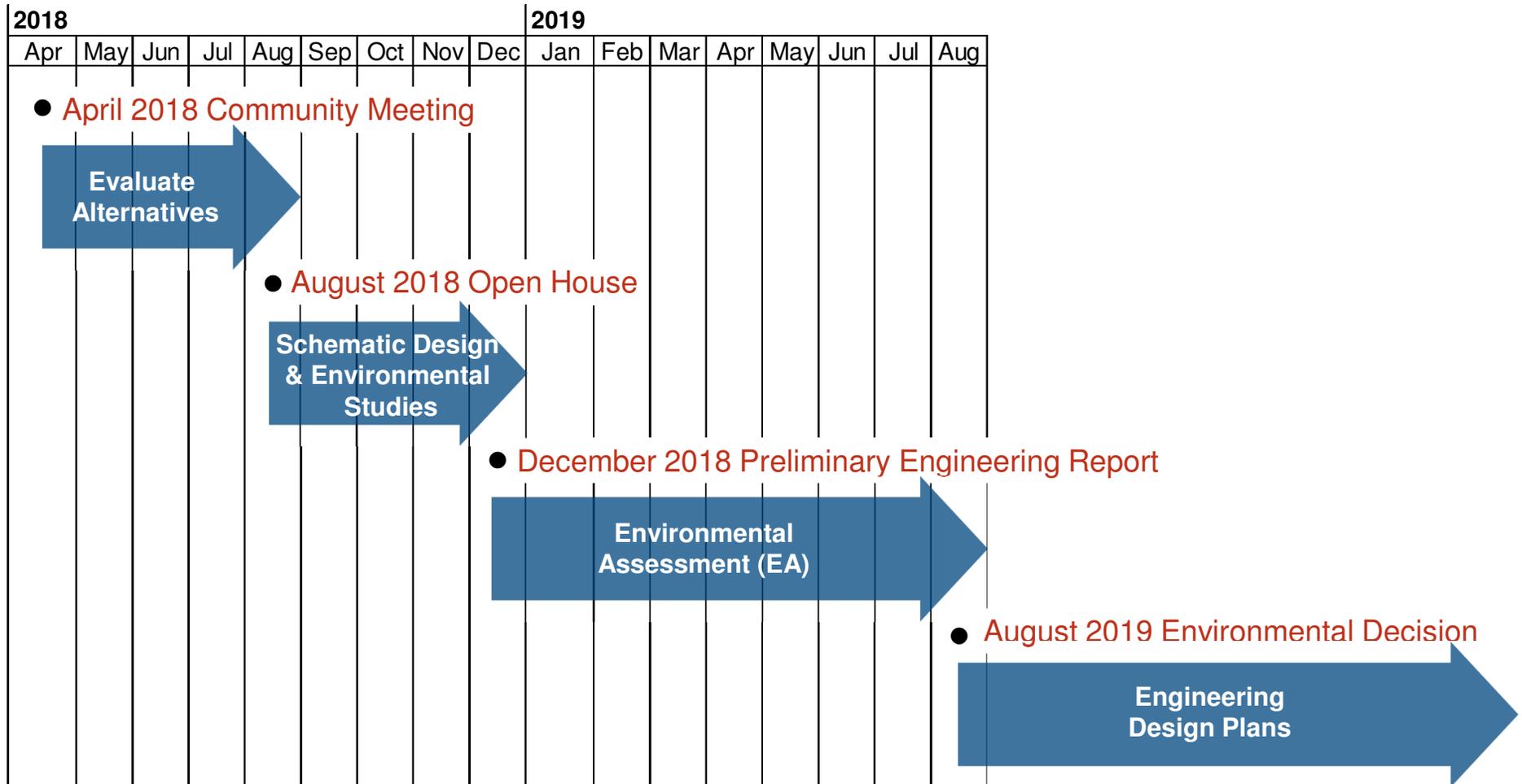


Table Discussion

