

NOLAN CREEK FLOOD PROTECTION PLANNING STUDY

| Item Description | Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | Feb-17 | Mar-17 | Apr-17 | May-17 | Jun-17 | Jul-17 | Aug-17 | Sep-17 | Oct-17 | Nov-17 | Dec-17 | Jan-18 | Feb-18 | Mar-18 | Apr-18 | May-18 | Jun-18 | Jul-18 | Aug-18 | Sep-18 | Oct-18 | Nov-18 | Dec-18 | Jan-19 | Feb-19 | | | | | | | | | | | | | | |
| a) TWDB Contracting/NTP/Subcontracting* | █ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| b) Collection and Review of Baseline Information | | | | | | █ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| c) Development of a Base Map | | | | | | █ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| d) Assessment of Environmental Constraints | | | | | | | | | | | | | | | | | | █ | | | | | | | | | | | | | | | | | | | | | |
| e) Identification of Flood Early Warning System Improvements | | | | | | █ | | | | | | | | | | | | | | | █ | | | | | | | | | | | | | | | | | | |
| f) Identification of Flood Response Implementation Strategies | | | | | | | | | | | | | █ | | | | | | | █ | | | | | | | | | | | | | | | | | | | |
| g) Initial Identification of Flood Problem Areas | | | | | | █ | | | | | █ | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| h) Perform Field Survey | | | | | | █ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| i) Develop Hydrologic Model | | | | | | █ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| j) Develop Hydraulic Model | | | | | | █ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| k) Establishment of Flood Protection Criteria and Evaluation of Flood Mitigation Alternatives | | | | | | | | | | | | | | | | | | █ | | | | | | | | | | | | | | | | | | | | | |
| l) Perform Hydrologic/Hydraulic Analyses of Flood Mitigation Alternatives | | | | | | | | | | | | | | | | | | █ | | | | | | | | | | | | | | | | | | | | | |
| m) Develop Benefit/Cost Analysis of Flood Mitigation Alternatives | | | | | | | | | | | | | | | | | | █ | | | | | | | | | | | | | | | | | | | | | |
| n) Prepare Implementation and Phasing Plan | | | | | | | | | | | | | | | | | | | | | | █ | | | | | | | | | | | | | | | | | |
| o) Prepare Final Report | | | | | | | | | | | | | | | | | | | | | | █ | | | | | | | | | | | | | | | | | |
| p) Stakeholder Coord. Meetings | | | | █ 1 | | | | █ 2 | | | | █ 3 | | | | █ 4 | | | █ 5 | | █ 6 | | | █ 7 | | | | | | | | | | | | | | | |
| q) Public Meetings | | | | | | | | █ A | | | | | | | | █ B | | | | | █ C | | | █ D | | | | | | | | | | | | | | | |

*Contract with TWDB & CTCOG dated 01/23/17 - 24 Month timeframe begins

Stakeholder Coord. Meetings:

- 1 - Kick-Off Meeting
- 2 - Presentation of Basemap and Baseline Data Collection Efforts
- 3 - Presentation of Hydrologic Modeling Results
- 4 - Presentation of Hydraulic Modeling Results and Existing FP Maps
- 5 - Presentation of Flood Early Warning Analysis & Flood Implementation Strategies
- 6 - Presentation of Alt. Analysis / Identified Flood Reduction Improvements
- 7 - Presentation of Final Draft Report / Draft Results

Public Meetings:

- A - Kick-off Public Meeting - Solicit feedback from public on known flooding issues
- B - Presentation of Updated Existing Conditions Modeling & Mapping Results, solicit input from public
- C - Presentation of Draft Flood Reduction Alternatives, Flood Early Warning Results, and Flood Implementation Strategy Results.
- D - Presentation of Final Project Results