

## LIST OF REQUIRED INFORMATION FOR FMP SUBMITTALS

“FMP” stands for “**Flood Mitigation Project**” and represents an initiative that helps to reduce or eliminate flood risk to life and property. TWDB requires that FMPs be supported by a study prior to an FMP being submitted and that significant information is readily available.

To support an **FMP submittal**, the following information is **required**:

- A brief (not to exceed one page) description of the project and why it is beneficial to the community  
**OR** a report of the previous study that describes the submitted alternative in PDF format
- An identified local sponsor
- A GIS-based file of the project benefit area in .shp format. A Google Earth .kmz file is also acceptable.
- Hydrologic models (if applicable) and hydraulic models showing both existing conditions and post-project conditions of the desired alternative
- A cost estimate for the proposed project construction/implementation
- A benefit-cost analysis (BCA) for the alternative using either FEMA or TWDB BCA tools
- A certification (signed and sealed by an engineer) that the proposed project does not cause adverse impacts to any surrounding area

To support an **FMP submittal**, the following information is **encouraged but not required**:

- GIS-based floodplain shapefiles for the 10-year, 100-year, and 500-year floodplain

If you have any questions regarding these submittal materials, please reach out to any of the following:

- [Region15@halff.com](mailto:Region15@halff.com) via email
- Deputy Project Manager: Anne Whitko
  - via email: [awhitko@halff.com](mailto:awhitko@halff.com)
  - via phone: 956-303-7105
- Project Engineer: Elmer Hinojosa
  - via email: [ehinojosa@halff.com](mailto:ehinojosa@halff.com)