Texas Water Development Board

2020 Flood Intended Use Plan

Cover image by Jon Shapley/Houston Chronicle via Associated Press, 2019

Contents

Program Overview

The 86th Texas Legislature passed several bills entrusting the Texas Water Development Board (TWDB) with new responsibilities related to funding flood mitigation projects and planning for future flood events. On November 5, 2019, Texas voters approved Proposition 8, a constitutional amendment providing for the creation of the Flood Infrastructure Fund (FIF) to assist in the financing of drainage, flood mitigation, and flood control projects, including:

- planning and design activities;
- work to obtain necessary regulatory approvals; and
- construction and/or implementation of flood projects.

Administrative rules for the flood mitigation project funding are found in 31 Texas Administrative Code (TAC) Part 10, Chapter 363. This Intended Use Plan contains the eligibility criteria, structure of financial assistance, including any subsidies, and criteria to be used by the executive administrator in prioritization of applications.

Eligible Applicants

Political subdivisions are eligible to apply for financial assistance for flood mitigation projects. This includes cities, counties, and any district or authority created under Article III, Section 52 or Article XVI, Section 59 of the Texas Constitution.

Specific to Category 1, "Flood Protection Planning for Watersheds" only, eligible political subdivision applicants includes a city, county, district or authority created under Article III, Section 52, or Article XVI, Section 59, of the Texas Constitution, any other political subdivision of the state, any interstate compact commission to which the state is a party, and any nonprofit water supply corporation created and operating under Chapter 67.

Eligible Projects

FIF rules allow for a wide range of flood projects, including structural and nonstructural projects as well as nature-based solutions. Examples include the following:

Planning Phase Activities

- Preliminary engineering
- Project design
- Feasibility assessments
- Coordination and development of regional projects
- Obtaining regulatory approvals
- Hydraulic and hydrologic studies

Construction/Rehabilitation Phase Activities

- Drainage infrastructure (channels, ditches, ponds, pipes, etc.)
- Flood control infrastructure
- Flood mitigation infrastructure
- Retention basins

- Detention ponds
- Sustainable infrastructure
- Nonstructural flood mitigation
- Development of or amendments to flood related codes
- Permeable pavement
- Erosion control
- Levees
- Pump stations
- Rehabilitation of existing infrastructure taking into consideration methods of improving resiliency, not including costs associated with current or future operations and maintenance activities
- Property acquisitions determined to be the best solution for highest-risk properties
- Restoration of riparian corridors, floodplains, coastal areas, wetlands, etc.
- Natural erosion and runoff control
- Reasonable amount of improvements to ancillary systems directly related to the project as determined by TWDB

Other Eligible Activities

The assistance is also able to support activities that may not traditionally be thought of as flood projects. These include:

- Warning systems
- Stream gages
- Educational campaigns
- Crossing barriers

The list of activities eligible to receive assistance is too long to accurately depict in this document, and applicants are encouraged to discuss the eligibility of prospective requests with TWDB staff.

United States Iron and Steel Requirement

For informational purposes to applicants, the United States Iron and Steel (US I&S) requirements in Texas Government Code, Chapter 2252, Subchapter G apply to the FIF. Construction of projects funded through the FIF are required to use iron and steel products made in the United States. However, if the recipient can justify a claim made under one of the categories below, a waiver may be granted. Until a waiver is granted by the TWDB, the recipient must adhere to the US I&S requirements.

A waiver may be granted if TWDB determines that:

- Iron and steel products produced in the United States are not produced in sufficient quantities, reasonably available, or of satisfactory quality.
- Use of iron and steel products produced in the United States will increase the cost of the overall project by more than 20 percent, or
- Complying with the US I&S requirements is inconsistent with the public interest.

Minimum Standards

Items on this list constitute minimum eligibility criteria that must be met by all projects seeking funding consideration:

1. The benefit/cost ratio of the proposed project.

   It is required that, for all construction-oriented (i.e., structural flood improvements, elevations, and buyouts) abridged applications to be eligible, both the costs and the benefits of proposed projects must be quantified and reported. The benefits may include a variety of items including, but not limited to: property losses avoided, risk of injuries or fatalities prevented, and economic disruption or environmental losses avoided.

   A. A benefit-cost ratio (BCR) must be reported within the abridged application as a number with at least one decimal place (e.g. "1.1"). Additionally, the BCR must include:

   (i) A description of the BCR methodology used including the specific analysis tool and version used;

   (ii) A list of the key assumptions/parameters used to generate the BCR must be provided; and

   (iii) A detailed BCR calculation, to be provided upon TWDB request.

   B. A BCR greater than 1.0 is generally preferred to justify investments in the construction of flood projects. **If the reported BCR of the proposed project is less than 1.0**, the applicant must also provide a detailed explanation for why the applicant considers the project to be justified, including a discussion of the primary benefits of the project, if any, that could not be quantified and were therefore not included in the BCR calculation.

   There are no specific BCR tools that must be used in determining the BCR Links to these two, free tools may be found at:

   https://www.fema.gov/benefit-cost-analysis
   https://www.hec.usace.army.mil/software/hec-fda/

   BCRs are not required to be provided for eligible studies that are aimed at identifying potential projects, for example, related to: identification of flood risk, flood modeling and inundation mapping studies, population or buildings and other structures at risk of flooding. Nor are BCRs required for Flood Early Warning Systems or Flood Response Plans.

   The following information is required in the abridged applications:

   A. For non-study funding applications:
   (i) the current flood risk in the project area and
   (ii) the revised flood risk of the project area if the project is constructed/implemented.

   B. For all non-study funding applications, the level of protection (i.e., 4%, 2%, 1% annual chance storm events) provided by the proposed project must be reported. For Flood Early Warning System (FEWS)

projects, this would include the flood-hardening level of the FEWS system (i.e., FEWS equipment able to withstand 2% or 1% annual chance storm events etc.).

C. For low water crossing construction-oriented funding applications, the following information must be provided: roadway classification; traffic count; detour distances; accident data; inundation risk (including depths); and velocities during 50%, 10%, 4%, 2%, 1% and 0.02% annual chance storm events.

D. For FEWS construction-oriented funding applications, quantitative information on the population impacted must be provided.

E. For all construction-oriented funding applications, applicant must identify and explain the responsible party for operation and maintenance (O&M) of the infrastructure and from what funding source O&M will be provided.

2. Required Memoranda of Understanding:

   If the project is a flood control project, as defined by 31 TAC § 363.402(3), and the project watershed is partially located outside the political subdivision that is filing the application, the applicant must submit a memorandum of understanding (MOU) relating to management of the project watershed. The MOU must be approved and signed by all governing bodies of eligible political subdivisions located in the project watershed. The MOU may include all governing bodies of all political subdivisions required to sign, or the applicant may develop individual MOUs with each political subdivision or groups of political subdivisions within the watershed. All of the required MOUs must relate to the management of the watershed. If individual MOUs are submitted, they must be consistent in the management of the watershed and cannot conflict on that issue.

   Abridged application: the applicant must submit a list of all eligible political subdivisions that will be required to approve and sign an MOU and a certification that it has provided a copy of the proposed MOU and an adequately detailed description of the proposed project to all eligible political subdivisions on the list. A copy of an TWDB-approved Memorandum of Understanding template is included as Attachment 2, but applicants may also use their own template if approved by the Executive Administrator.

   Complete application: the applicant must submit a Memorandum of Understanding approved and signed by all governing bodies of eligible political subdivisions located in the project watershed to be considered a complete application. If approved by TWDB, this may be submitted after any application due date.

   Note: this minimum standard on MOUs does not apply to Category 1 projects.

3. An affidavit that the applicant has acted cooperatively with other political subdivisions (as defined in 31 TAC § 363.402(2)) to address flood control needs in the area in which the eligible political subdivisions are located; and all eligible political subdivisions (as defined in 31 TAC § 363.402(2)) substantially

affected by the proposed flood project have participated in the process of developing the proposed flood project, recognizing that providing adequate notice and ample opportunity to any such eligible political subdivision that elects not to participate further would fulfill this requirement, provided evidence of notification is included in the application. The affidavit must be provided with the complete application, not the abridged application.

4. The funding request must not include redundant funding for activities already performed and/or funded through another source.
5. The area to be served by the proposed project must have floodplain ordinances or orders, as applicable, in place and the appropriate entity must certify that it is currently enforcing floodplain management standards at least equivalent to National Flood Insurance Program (NFIP) minimum standards, but may exceed the NFIP minimum standard. The only exception to the certification is an entity that is requesting FIF funding to fulfill additional requirements for participation in the National Flood Insurance Program.
6. The proposed project must be developed using the best/most recent available data.
7. Applicants for construction funds must be able to document that they:

   A. planned for operations and maintenance costs associated with the proposed facilities, (note: operations and maintenance are not eligible costs under this program) and

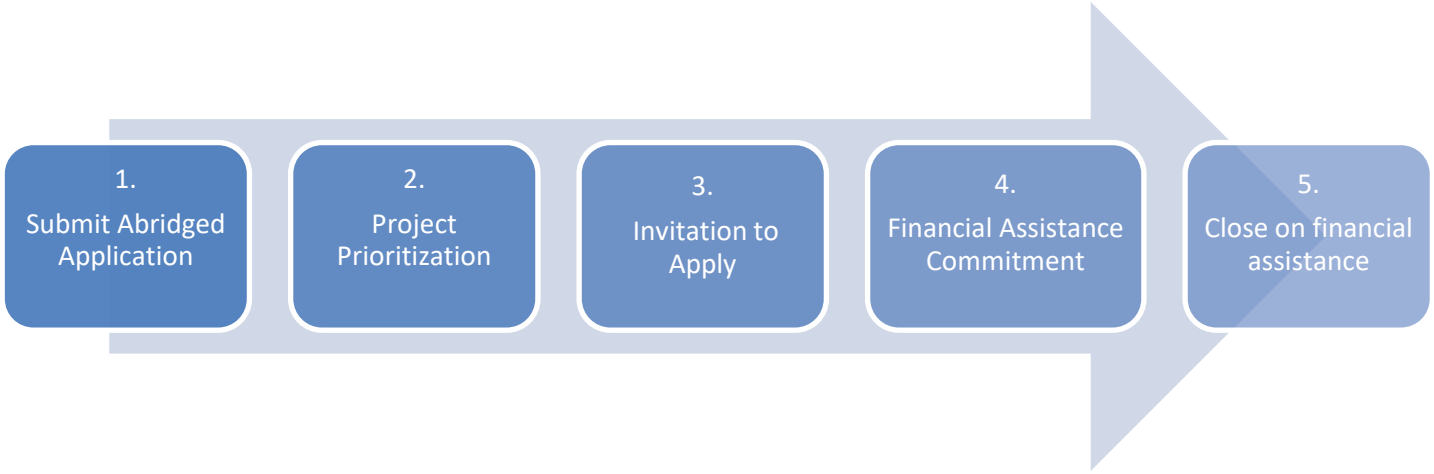
   B. considered possible floodwater capture techniques that could be associated with the proposed project for water supply purposes.

2020 Project Solicitation

Funding for flood mitigation projects operates on an annual funding cycle with a two-stage application process. Projects are prioritized based on information submitted in the abridged application and entities are then invited to submit complete financial assistance applications based on project prioritization and a determination of funding availability.

Process

The anticipated process for the inaugural funding cycle is as follows:



Step 1: Abridged Application

The abridged application is a tool designed to help the TWDB collect the information necessary to prioritize projects and determine the best source of funding without requiring every interested entity to fill out a complete TWDB financial assistance application. See Attachment 1 for a copy of the 2020 Flood Abridged Application.

Step 2: Prioritization

TWDB will prioritize projects according to the IUP and submit to the Board for review and consideration.

Step 3: Invitation

After the prioritization is approved and funding allocations established, the TWDB will invite selected applicants to submit complete applications for financial assistance. An invited applicant must submit any information requested and a complete application by TWDB's deadlines to remain in active consideration for funding. The application is a TWDB document that asks for the detailed engineering, legal, fiscal, and other information necessary to make a funding recommendation. Final confirmation of compliance with applicable Minimum Standards must occur prior to Board consideration of a financial assistance commitment.

Step 4: Financial Assistance Commitments

After reviewing each complete application, TWDB will make a financial assistance recommendation to be considered by the Board in a public meeting.

Step 5: Borrower Closings

Entities in receipt of financial assistance commitments will have up to six months to close on their financing, unless an exception for cause is specifically recommended by the Executive Administrator and approved by the Board.

Year-Round Submittals

Abridged Applications may be submitted for consideration at any time throughout the year and considered if funding is still available. However, only abridged applications received by the initial deadline in 2020 of June 15, 2020 will be considered in the initial prioritization. The project list may be amended as necessary to include new submittals.

Financial Assistance Categories and Eligibilities

Project Category	Financing *	Eligibility
CATEGORY 1 Flood Protection Planning for Watersheds ("flood control planning" before a flood event)	Loans with interest rate of 0% and grant funds. Grants are based on: **1. Income and federal disaster declaration:** If the AMHI of the study area ≤ 50% of the state-wide AMHI and the project area was the subject of a flood-related federal disaster declaration within the past 5 years – **100% grant**; or **2. Income only:** If the AMHI of the study area ≤ 75% of the state-wide AMHI - **90% grant with 10% local share** of the total cost to political subdivisions; or If the AMHI of the study area > 75% and ≤ 125% of the state-wide AMHI - **75% grant with 25% local share** of the total cost to political subdivisions; or If the AMHI of the study area > 125% of the state-wide AMHI - **50% grant with 50% local share** of the total cost to political subdivisions. Recipient may either use its own available funds or borrow FIF funds at 0% for any portion of the required local share not provided through the FIF grant funds In-kind services may be substituted for any part of the local share, if such services are directly in support of the planning effort, are fully explained and documented in the complete application, and approved as part of the TWDB commitment.	Conduct planning of entire watersheds no smaller than Hydrologic Unit Code 10-digit (HUC-10) to better inform the development of strategies using structural and nonstructural measures before a flood event, such as determining and describing problems from or related to flooding, identifying and planning solutions to flooding problems, and estimating the benefits and costs of these solutions. All activities under this category must be considered "flood control planning" as defined in Texas Water Code Section 15.405. It does not include the actual preparation of a Federal Emergency Management Agency Flood Insurance Rate Map.

Project Category	Financing *	Eligibility
CATEGORY 2 Planning, Acquisition, Design, Construction, Rehabilitation (All combinations of these activities)	Loans with interest rate of 0% and grant funds **Grants** are based on the following method. The sum of all qualifying grant percentages below will represent the overall grant allocation. The remainder of funds requested will be provided in the form of a zero interest (0%) loan. **1. Outside of MSA:** If the project is entirely located outside of an MSA, then 10% grant. **2. Income:** AMHI ≤ 85% of the state-wide AMHI are eligible to receive 10% grant, or AMHI ≤ 75% of the state-wide AMHI are eligible to receive 25% grant, or AMHI ≤ 65% of the state-wide AMHI are eligible to receive 30% grant, or AMHI ≤ 50% of the state-wide AMHI are eligible to receive 40% grant. **3. Unemployment Rate:** If the unemployment rate exceeds the state-wide rate, then calculate as the unemployment rate / state-wide unemployment rate X 2.5%, then round up to nearest integer (Up to 5% maximum grant).	Includes nonstructural and nature-based solutions that do not meet Category 4 requirements and planning studies that do not meet Category 1 requirements.

Project Category	Financing *	Eligibility
	4. Population decline %: If the population has declined, then calculate as Prior population less Current population / Prior Population as a percentage, then round up to nearest integer (Up to 5% maximum grant). **5. Rural Applicant:** If meets the definition of "Rural" applicant, then 5% grant. **6. Green / Nature-Based:** If 30% of total project costs are considered Green or Nature-Based, then 5% grant, provided either the project is located outside of an MSA or it meets one of the income, unemployment rate, population decline, or rural applicant qualifiers above. Note: It is not necessary to meet one of the AMHI thresholds to obtain the grant funding. Applicants are eligible for grant funding for any of the qualifiers the project meets. (Note: To qualify for the Green / Nature-Based option, the project must be located outside of an MSA or meet one of the income, unemployment rate, declining population, or rural applicant qualifiers). Recipient may use its own available funds or borrow FIF funds at 0% for any portion of the remainder of the project not provided through the FIF grant funds. Use of in-kind services requires prior TWDB approval.	

Project Category	Financing *	Eligibility
CATEGORY 3 Federal Award Matching Funds	Loans with interest rate of 0% and grant funds for all or a portion of the applicant's required federal match **Grants** for a portion of the applicant's required federal match amount are based on the following method. The sum of all qualifying grant percentages below will represent the overall grant allocation. However, regardless of the number of grant qualifiers, the **total grant % may not exceed 90% grant, with 10% local share.** **1. Outside of MSA:** If the project is entirely located outside of an MSA, then 10% grant. **2. Income:** AMHI ≤ 85% of the state-wide AMHI are eligible to receive 40% grant, or AMHI ≤ 75% of the state-wide AMHI are eligible to receive 55% grant, or AMHI ≤ 65% of the state-wide AMHI are eligible to receive 60% grant, or AMHI ≤ 50% of the state-wide AMHI are eligible to receive 70% grant. **3. Unemployment Rate:** If the unemployment rate exceeds the state-wide rate, then calculate as the unemployment rate / state-wide unemployment rate X 2.5%, then round up to nearest integer (Up to 5% maximum grant).	Must provide documentation of an existing federal award contingent on availability of matching funds.

Project Category	Financing *	Eligibility
	4. Population decline %: If the population has declined, then calculate as Prior population less Current population / Prior Population as a percentage, then round up to nearest integer (Up to 5% maximum grant). **5. Rural Applicant:** If meets the definition of "Rural" applicant, then 5% grant. **6. Green / Nature-Based:** If 30% of total project costs are considered Green or Nature-Based, then 5% grant, provided either the project is located outside of an MSA or it meets one of the income, unemployment rate, population decline, or rural applicant qualifiers above. Note: It is not necessary to meet one of the AMHI thresholds to obtain the grant funding. Applicants are eligible for grant funding for any of the qualifiers the project meets. (Note: To qualify for the Green / Nature-Based option, the project must be located outside of an MSA or meet one of the income, unemployment rate, population decline or rural applicant qualifiers). Recipient may use its own available funds for any portion of the required match not covered by the grant funds instead of borrowing FIF funds at 0%.	

Project Category	Financing *	Eligibility
CATEGORY 4 Measures immediately effective in protecting life and property	Loans with interest rate of 0% and grant funds **Grants** are based on the following method. The sum of all qualifying grant percentages below will represent the overall grant allocation. The remainder of funds requested will be provided in the form of a zero interest (0%) loan. Regardless of the number of grant qualifiers, **the total grant % may not exceed 90% grant.** **1. Outside of MSA:** If the project is entirely located outside of an MSA, then 10% grant. **2. Income:** AMHI ≤ 85% of the state-wide AMHI are eligible to receive 40% grant, or AMHI ≤ 75% of the state-wide AMHI are eligible to receive 55% grant, or AMHI ≤ 65% of the state-wide AMHI are eligible to receive 60% grant, or AMHI ≤ 50% of the state-wide AMHI are eligible to receive 70% grant. **3. Unemployment Rate:** If the unemployment rate exceeds the state-wide rate, then calculate as the unemployment rate / state-wide unemployment rate X 2.5%, then round up to nearest integer (Up to 5% maximum grant).	Examples include: • Warning systems • Crossing barriers • Public education and outreach • Reverse 911 systems • Dam Emergency Action Plans

Project Category	Financing *	Eligibility
	4. Population decline %: If the population has declined, then calculate as Prior population less Current population / Prior Population as a percentage, then round up to nearest integer (Up to 5% maximum grant). **5. Rural Applicant:** If meets the definition of "Rural" applicant, then 5% grant. **6. Green / Nature- Based:** If 30% of total project costs are considered Green or Nature-Based, then 5% grant, provided either the project is located outside of an MSA or it meets one of the income, unemployment rate, population decline, or rural applicant qualifiers above. Note: It is not necessary to meet one of the AMHI thresholds to obtain the grant funding. Applicants are eligible for grant funding for any of the qualifiers the project meets. (Note: To qualify for the Green / Nature-Based option, the project must be located outside of an MSA or meet one of the income, unemployment rate, population decline or rural applicant qualifiers). Recipient may use its own available funds for any portion of the remainder of the project not provided through the FIF grant funds. Use of in-kind services requires prior TWDB approval.	

Examples of the Grant Percentage Calculations are found in Attachment 3

Definitions used in Grant Percentage Calculations

Annual Median Household Income – from U.S. Census Bureau 2014-2018 American Community Survey (ACS) 5-year estimates. For Category 1: the Study area AMHI, using a weighted average based on population, for Categories 2 through 4: the project area AMHI, using a weighted average, all based on population in each U.S. Census Bureau geographic area used.

Unemployment Rate – for the project area from U.S. Census Bureau 2014-2018 ACS 5-year estimates using a weighted average based on population in each U.S. Census Bureau geographic area used.

Prior Population – for the project area from U.S. Census Bureau 2010-2014 ACS 5-year estimates using the sum of the population in each U.S. Census Bureau geographic area used.

Current Population – for the project area from U.S. Census Bureau 2014-2018 ACS 5-year estimates using the sum of the population in each U.S. Census Bureau geographic area used.

Metropolitan Statistical Area (MSA) - an area so designated by the United States Office of Management and Budget. A list is available here: https://www.twdb.texas.gov/financial/programs/FIF/doc/MSA_List.xlsx

Rural applicant – an applicant as defined in the "Prioritization" section of this IUP.

Green – may include establishment or restoration of permanent riparian buffers, floodplains, wetlands, or other vegetated buffers or soft bioengineered stream banks. May include projects to manage wet weather and restore natural hydrology by infiltration, evapotranspiration, or harvesting and using stormwater. May include green stormwater infrastructure for transportation rights-of-way or parking areas. This is not an exhaustive list. The final decision on green projects will be made by TWDB.

Nature-Based - projects that use nature-based features to protect, mitigate, or reduce flood risk as determined by TWDB.

Note: U.S. Census Bureau 2014-2018 ACS 5-year estimates and U.S. Census Bureau 2010-2014 ACS 5-year estimates may be found on the TWDB website here:
https://www.twdb.texas.gov/financial/programs/FIF/doc/US_Census_Bureau_ACS_data.xlsx

or the required data may be obtained directly from the U.S. Census Bureau here:
https://data.census.gov/cedsci/advanced

*** Loans with an interest rate of 0% is a funding option available in all project categories**.

Grants – the TWDB may limit the amount of funds available for grants (see "Allocation of Funds").

Categories

Both loans and grants are available, depending on the activity funded and the AMHI of the applicant entity. Eligible activities are organized into four categories.

Category 1 – Conduct planning of entire watersheds no smaller than Hydrologic Unit Code 10-digit (HUC-10) to better inform the development of strategies using structural and nonstructural measures before a flood event, such as determining and describing problems from or related to flooding, identifying and planning solutions to flooding problems, and estimating the benefits and costs of these solutions.

All activities under this category must be considered "flood control planning" as defined in Texas Water Code Section 15.405; however, it does not mean all activities under listed in Section 15.405 are eligible under Category 1. For example, design activities, including engineering plans and specifications, would be funded under Category 2 rather than Category 1. This category does not include the actual preparation of a Federal Emergency Management Agency Flood Insurance Rate Map.

Political subdivisions of the state, along with other entities, are eligible to apply for funds to support Category 1 projects, including some entities that are not eligible for other categories. (See "Eligible Applicants" section for details)

Note: the minimum standard requiring an MOU does not apply to this category of projects. If the project is undertaken to achieve NFIP compliance, the minimum standard requiring enforcement of standards at least equivalent to NFIP minimum standard does not apply.

Category 1 Notice Requirements – Prior to the complete application, but not prior to the submitting the abridged application, applicants must notify all cities, counties, non-profit water supply corporations, regional planning agencies, regional water planning groups, and all districts and authorities created under the Texas Constitution, Article III, Section 52, or Article XVI, Section 59, in the planning area by certified mail that an application for planning assistance is being filed with the TWDB. The notice shall include the name and address of the applicant and the name of the applicant's manager or official representative; and brief description of the planning area; the purposes of the planning project; the TWDB's name, address, and the name of a contact person with the TWDB; a statement that any comments must be filed with the TWDB Executive Administrator and the applicant within 30 days of the date on which the notice is mailed. As part of the complete application, and prior to action by the TWDB, the applicant must provide one copy of the notice sent to affected political subdivisions, a list of the political subdivisions to which notice was sent, and the date on which the notice was sent. If approved by TWDB, this may be submitted after the application due date. The TWDB may not act on such application before the end of the 30-day notice period unless all political subdivisions to which notice is required to be sent agree in writing to waive the notice period.

Affidavit – As part of the complete application, an applicant under Category 1 must provide TWDB an affidavit attesting to the following:

(A) that the applicant has acted cooperatively with other political subdivisions (as defined in 31 TAC § 363.402(2)) to address flood control needs in the area in which the eligible political subdivisions are located; and

(B) that all eligible political subdivisions (as defined in 31 TAC § 363.402(2)) substantially affected by the proposed flood project have participated in the process of developing the proposed flood project, recognizing that providing adequate notice and ample opportunity to any such eligible political subdivision that elects not to participate further would fulfill this requirement, provided evidence of notification is included in the application.

Category 1 applications will be evaluated by the TWDB considering, at a minimum, the following criteria: (A) degree to which proposed planning duplicates previous or ongoing flood plans; (B) project service area is regional versus local; (C) history of flooding in project area; (D) participation in National Flood Insurance Program; (E) project organization and budget; (F) scope and potential benefits of project; and (G) the relative need of the political subdivision for the money, giving greater importance to a county that has a median household income that is not greater than 85 percent of the median state household income.

Category 2 - (a) Planning, Acquisition, and Design includes activities related to planning, land acquisition, and/or design of the project. Planning includes feasibility analyses, detailed hydraulic and hydrological studies, activities to obtain regulatory approval, and coordination of other related work; and (b) Construction, Rehabilitation, and Implementation includes construction and rehabilitation activities, but may also include demolition, decommissioning, and other activities not necessarily thought of as construction. Rehabilitation must take into consideration methods of improving resiliency.

Minimum standards require applicants requesting funds for Category 2 to state that they have:

- For construction and/or rehabilitation projects, planned for operations and maintenance costs resulting from the proposed project (because operations and maintenance are not eligible costs under this program);
- evaluated possible floodwater capture techniques that may be implemented; and
- coordinated with other entities in the watershed.

Category 3 – for communities that have received a federal award for flood-related activities contingent on the availability of local matching funds. Grant funds may be provided for a portion of the applicant's required federal match amount.

Category 4 – projects are those that can be implemented quickly and are understood to be immediately effective in protecting life and property. Eligible Category 4 projects include warning systems, crossing barriers, gages, and public education and outreach. This category does not include large scale, major planning, acquisition, and design and/or construction/rehabilitation-type projects. TWDB does not maintain an exhaustive list of activities eligible under Category 4, and applicants are encouraged to discuss possible Category 4 proposals with TWDB staff.

Allocations of Funds

The TWDB may limit the amount of grant funding and loan financing available in each category and in total as well as the total amount of grant or loan funding provided to a project or applicant. The TWDB may allocate funds to specific categories and rank separately as appropriate.

Since this is the inception of the program, the TWDB has not yet determined any specific funding limits but anticipates doing so at a later date. It does not anticipate allocating a large proportion of the total available grant and/or loan funds under this program to a single project or applicant.

The TWDB may bypass a higher scoring project, if necessary, to fulfill these allocation goals.

To the extent a project on the prioritization list does not move forward to commitment, funds may be reallocated to other eligible projects in any category that are on the prioritization list, as determined by the TWDB.

Abridged Applications

Each Abridged Application should describe proposed projects from one category described above. Applicants may submit multiple Abridged Applications if they seek to propose projects from multiple categories in a single prioritization cycle.

Prioritization and Selection Process

The Board will approve prioritization of projects and then invitations will be sent for entities to submit complete financial assistance applications.

The TWDB may consider and allocate funding for any proposed project, including in cases that involve bypassing a higher-ranking project. The TWDB may allocate funding to the highest rank projects in a particular category regardless of the score.

All initial determinations of overall eligibility, eligible Category, compliance with minimum standards, grant percentage, and priority ranking for all projects are subject to change upon further review of the projects.

Prioritization Criteria

Criteria	Points	Methodology/Notes
Priority Projects Flood Protection Planning for Watersheds (Category 1 projects)	25 if the county has an AMHI that is ≤ 85% the state-wide AMHI, or 22 – all other projects	Points awarded to all projects falling under Category 1. For projects contained in multiples counties, used the weighted average AMHI based on the current populations in each county.
Priority Projects Measures immediately effective in protecting life and property (Category 4 projects)	20	Points awarded to all projects falling under Category 4.
Rural Applicant a) All entities within the project benefit area are outside MSAs and have populations <10,000; or b) a district or municipality with a service area of 10,000 or less in population; or c) a county in which no urban area exceeds 50,000 in population.	Yes = 12 No = 0	Verified with U.S. Census Bureau 2014-2018 American Community Survey (ACS) 5-year estimates.
Emergency Need Due to Recent or Imminent Failure or Recent Flood-related Disaster Declarations. A need exists for flood hazard mitigation actions to address a clear and imminent threat to public health, safety, and welfare or property due to recent or imminent failure of existing flood infrastructure, or flood-related federal or state disaster declarations within the most recent 36 months that would be significantly mitigated by the proposed project. TWDB would consider "failure" to be the inability to perform a normal function that would result in a significant threat to public health, safety, environment, or welfare.	Recent failure = 10, or Recent flood-related disaster declaration for the proposed project area = 10 points, or Imminent failure = 5, or N/A = 0	Requires documentation or declarations from the applicant.

Criteria	Points	Methodology/Notes
Distributed Benefits Is the project expected to directly benefit or include the active participation of political subdivisions other than the applicant?	Yes = 10 No = 0	Requires documentation supporting anticipated shared benefits and/or planned contributions by the other entities.
Estimated Completion Date	Within 18 months = 10, or Within 36 months = 5, or All others = 0	Based on the amount of time, as determined by TWDB, before all project phases are anticipated to be complete.
Additional Criteria for PAD and Construction or Construction Projects Only: Water Supply Benefit For a rehabilitation project to receive points the project must result in an integral, reliable, and quantifiable water supply benefit to a specific water user group with an identified need. Project is anticipated to result in an integral, reliable, and quantifiable water supply benefit to a specific water user group with an identified need. May include groundwater recharge benefits.	Yes = 10 No = 0	TWDB staff may request supporting documentation.

Criteria	Points	Methodology/Notes
Additional Criteria for PAD and Construction or Construction Projects Only: Floodplain Impacts For a rehabilitation project to receive points the project must increase the resiliency of the system being rehabilitated in a manner that would reduce the number of structures located in a floodplain. Number of structures that are anticipated to no longer be located in a floodplain due to the proposed project's impact on floodplain characteristics.	Scores are assigned relative to the responses for other proposed projects. Top 25% of PAD and Construction or Construction Projects Only: 12, or Top 50%: 9, or Top 75%: 6 , or Bottom 25%: 3	
Planning, Acquisition, and Design only (no construction/rehabilitation funds requested)	12	
Non-structural flood mitigation elements constitute at least 20 percent of the total project costs	5	Non-structural elements must constitute at least 20% of the total project costs.
TIEBREAKER Social Vulnerability Index (SVI) The SVI uses 15 U.S. Census Bureau variables to help local officials identify communities that may need support in preparing for hazards or recovering from disaster. SVI values range from 0 to 1.	The tie is broken in favor of the project with the highest SVI.	Average SVI of the benefitting area, verified using online SVI map: https://svi.cdc.gov/map.html May use the Census tract or County data depending on the size and shape of the benefitting area.

Loan Terms

In general, the TWDB will establish loan terms appropriate for the type of activities being financed. Specifically, for 2020, the following terms will apply:

1. The interest rate on loans will be zero percent;

2. For construction projects, financing may be offered for a term of up to 30 years, provided it may not exceed the projected useful life of the project, and principal payments will commence no later than 18 months after estimated completion of project construction;

3. For planning, acquisition, and/or design only projects, financing may be offered a term of up to 10 years and principal payments will commence no later than 18 months after estimated completion of the last activity phase being financed;

4. No additional deferrals of principal will be offered in 2020;

5. Level principal repayments will be required; and

6. The recipient of a loan must establish an adequate source of revenue and/or demonstrate adequate security for the repayment of the loan as it becomes due.

Flood Information Clearinghouse Committee

Responses to questions 1 through 7 of the abridged application, along with other information included in this abridged application, will be shared with the Flood Information Clearinghouse Committee (FLICC), a new cooperative effort between the TWDB, General Land Office, Texas Division of Emergency Management, and other state and federal agencies that administer flood mitigation financial assistance programs. After review by the FLICC, the applicant may be advised of other available source(s) of funding. More information on the FLICC is available at www.texasfloodclearinghouse.org.

Attachment 1: 2020 Flood Project Abridged Application

Note: Please do not print and fill out a copy of this attachment to the IUP to use as your abridged application submission. Instead, please complete the standalone Microsoft Word version of the abridged application provided here: FIF Abridged Application Submit a completed Abridged Application along with all attachments to FIF@twdb.texas.gov.

By submitting this Abridged Application, you understand and confirm that the information provided is true and correct to the best of your knowledge and further understand that the failure to submit a complete Abridged Application by the stated deadlines, or to respond in a timely manner to additional requests for information, may result in the withdrawal of the Abridged Application without review.

GENERAL INFORMATION

Entity Name
Entity Type

Contact Who should TWDB contact with questions during the review of this submission?	**Name**	
	Title	
	Phone	
	Email	

PROJECT INFORMATION

Project Name	
Amount Requested from TWDB	$
Financing from Federal Sources	$
(if receiving federal funds, include the federal agency and program)	
Financing from Other Sources	$
Total Project Cost **(Check here if requesting loan funds only ☐)**	$

Category Applied For			
☐ Category 1 Flood Protection Planning for Watersheds	☐ Category 2 Planning, Acquisition, and Design, Construction / Rehabilitation (All combinations)	☐ Category 3 Federal Award Matching Funds	☐ Category 4 Measures immediately effective in protecting life and property

MINIMUM STANDARDS

Only projects that satisfy all minimum standards will be included in the prioritization.	☐	1. For applicable projects, the benefit-cost ratio of the proposed project is >1.0 or an explanation is provided.
	☐	2. For applicable projects, a proposed MOU and a project description was provided to all eligible political subdivisions and the list of political subdivisions that received this information is attached to the abridged application.
	☐	3. The applicant acknowledges that it will act cooperatively with other political subdivisions to address flood control needs in the area in which the eligible political subdivisions are located; and all eligible political subdivisions substantially affected by the proposed flood project have participated in the process of developing the proposed flood project.
	☐	4. The funding request does not include redundant funding for activities already performed and/or funded through another source.
	☐	5. a. The area to be served by the proposed project has floodplain ordinances in place and is currently enforcing floodplain management standards at least equivalent to National Flood Insurance Program (NFIP) minimum standards. OR
	☐	5. b. Requesting funds to fulfill additional requirements for participation in the National Flood Insurance Program.
	☐	6. The proposed project was developed using the best and most recent available data.
	☐	7. a. (Construction applicants only) Operations and maintenance costs associated with proposed facilities have been considered.
	☐	7. b. (Construction applicants only) Floodwater capture techniques have been considered.

DESCRIPTION OF PROPOSED PROJECT

INFORMATION FOR GRANT FUNDING

Provide information for the applicable level of grant funding:

Category 1:
Study area AMHI (weighted average based on population)-$_____
(Optional – attached a copy of federal disaster declaration – flood related within the last 60 months)

Categories 2, 3, and 4

- For consideration of being outside MSA: Project is entirely located outside of an MSA - Yes ____ or No ____
- Project area AMHI (weighted average based on population)-$_____
- Project area Unemployment Rate (weighted average based on population)-_____%
- Project area Population Decline (if any) (based on sum of the population in the project areas)-_____%
- For consideration of being an Rural Applicant: All entities within the project benefit area are outside MSAs and have populations <10,000; or the applicant is a district or municipality with a service area of 10,000 or less in population; or located in a county in which no urban area exceeds 50,000 in population - Yes ____ or No ____
- For consideration of being a Green or Nature-Based project: Percentage of total project costs that are considered green or nature-based- _____% (attach the calculation)

Note: If requesting grant funds that rely on a calculation of the AMHI, Unemployment Rate, or Population Decline then attach the calculation of the weighted average amounts for the project area based on the applicable U.S. Census Bureau geographic areas such as County, Place (City), Census Tract, or Block Group using the ACS data sources described in the IUP.

PRIORITIZATION CRITERIA

Rural Applicant All entities within the project benefit area are (a) outside MSAs and have populations <10,000; or (b) a district or municipality with a service area of 10,000 or less in population; or (c) a county in which no urban area exceeds 50,000 in population.	☐ Yes *(Please attach a list of all entities in the project benefit area and U.S. Census Bureau 2014-2018 American Community Survey (ACS) 5-year estimates data indicating the population of each area.)*			☐ No
Emergency Need Due to Recent or Imminent Failure or recent Flood-related Disaster Declarations. A need exists for flood hazard mitigation actions to address a clear and imminent threat to public health, safety, and welfare or property due to recent or imminent failure of existing flood infrastructure or flood-related federal or state disaster declarations within the most recent 36 months that would be significantly mitigated by the proposed project.	☐ Yes, due to a recent failure.	☐ Yes, due to imminent failure.	☐ Yes, recent flood-related disaster declaration for the proposed project area	☐ No
Distributed Benefits Is the project expected to directly benefit or include the active participation of jurisdictions other than the applicant?	☐ Yes			☐ No

Estimated Completion Date When would all project phases expected to be complete, assuming funds for the project are closed on in Fall of the current year?	☐ Within 18 months of closing ☐ Within 36 months of closing ☐ Other
Construction Projects Only (Including PAD plus Construction combined) Project is anticipated to result in an integral, reliable, and quantifiable water supply benefit to a specific water user group with an identified need. May include groundwater recharge benefits.	☐ Yes ☐ No
Construction Projects Only (Including PAD plus Construction combined) How many structures are anticipated to be removed from floodplains as a result of the proposed project?	Click or tap here to enter text.
Non-structural flood mitigation elements Non-structural flood mitigation elements constitute at least 20 percent of the total project costs.	Percentage of total project costs that are considered nature-based- Click or tap here to enter text.

Tiebreaker: **Social Vulnerability Index (SVI)**	Average SVI of benefitting area: Click or tap here to enter text. Geographic basis: ☐ Census Tracts ☐ Counties *Please attach a list of the selected geographies and an explanation of why they were selected.*
Certification on MOUs (<u>if MOUs will be required</u>) **If no MOUs will be required, check here: ☐**	I, _____(Name), serving as _____(Title) hereby certify that _____(Applicant) has provided all eligible political subdivisions that will be required to submit a Memorandum of Understanding a copy of their proposed Memorandum of Understanding and an adequately detailed description of the proposed project. _____ _____ Signature Date

ADDITIONAL INFORMATION FOR THE FLOOD INFORMATION CLEARINGHOUSE COMMITTEE

Responses to questions 1 through 7, along with other information included in this abridged application, will be shared with the Flood Information Clearinghouse Committee (FLICC), a new cooperative effort between the TWDB, General Land Office, Texas Division of Emergency Management, and other state and federal agencies that administer flood mitigation financial assistance programs. After review by the FLICC, the applicant may be advised of other available source(s) of funding:

1. Type of Assistance Requested (Check all that apply):	☐ Low Interest Loan ☐ Grant ☐ Loan/Grant Combination ☐ Local Match for Federal Funding
If requesting funds for the local cost share of a federally funded project, the name of the program:	
2. County(ies) in which the project is located:	
3. (If applicable) Associated FEMA disaster name and number:	
4. Does the applicant have an approved Mitigation Action Plan?	
5. Is the community to be served by the project in good standing with the National Flood Insurance Program?	
6. Will this project involve enlargement of a dam or levee beyond the original footprint of the structure that existed prior to a disaster event?	
7. Will this project mitigate a repetitive or severe repetitive loss property?	

ATTACHMENT 1 TO ABRIDGED APPLICATION

Certification on enforcing floodplain management standards Exception: The only exception is an entity that is requesting FIF funding to fulfill additional requirements for participation in the National Flood Insurance Program. If this is the situation, check here: ☐	I, _____(Name), serving as _____(Title) hereby certify that _____(Appropriate entity for area to be served by the project) is currently enforcing floodplain management standards at least equivalent to National Flood Insurance Program (NFIP) minimum standards, but it may exceed the NFIP minimum standard. _____ _____ Signature Date

ATTACHMENT CHECKLIST

✓	N/A	Attachment Description
☐	☐	List of entities receiving the proposed MOU and project description
☐	☐	Benefit-Cost Ratio required information.
☐	☐	Documentation indicating the best/most recent data was used in the development of the proposed project.
☐	☐	Documentation demonstrating the area to be served by the proposed project has floodplain ordinances in place and the appropriate entity has certified that it is currently enforcing floodplain management standards at least equivalent to National Flood Insurance Program (NFIP) minimum standards. (The only exception is an entity that is requesting FIF funding to fulfill the requirements for participation in the National Flood Insurance Program.)
☐	☐	If requesting grant funds that rely on a calculation of the AMHI, Unemployment Rate, or Population Decline then attach the calculation of the weighted average amounts for the project area based on the applicable U.S. Census Bureau geographic areas such as County, Place (City), Census Tract, or Block Group and the ACS data sources described in the IUP.
☐	☐	If requesting prioritization points for "Rural Applicant", a list of all entities in the project benefit area and U.S. Census Bureau 2014-2018 American Community Survey (ACS) 5-year estimates data indicating the population of each area.
☐	☐	(If applying for matching funds) Documentation of an existing federal award pending availability of local match.
☐	☐	(If the project involves property acquisitions) Documentation supporting the determination that acquisitions are the best solution and the properties are a high risk.
☐	☐	(Construction projects) Description of the anticipated funding source for operations and maintenance costs.
☐	☐	(Construction projects) Map and description of area benefitting from the proposed project, including a list of all benefitting political subdivisions.
☐	☐	(If applicable) Documentation of recent or imminent infrastructure failure causing an emergency need or a flood-related federal or state disaster declaration within the most recent 36 months that would be significantly mitigated by the proposed project.
☐	☐	List and explanation of geographies used to determine average SVI.
☐	☐	Certification on enforcing floodplain management standards for all applicable areas
☐	☐	Additional Information for the Flood Information Clearinghouse Committee

Attachment 2: Template of Memorandum of Understanding

TEXAS WATER CODE SECTION 15.005 MEMORANDUM OF UNDERSTANDING

This is a Memorandum of Understanding (MOU) between the <<GOVERNING BODY>> of <<ENTITY A>> (the "<<ENTITY A>>") and the <<GOVERNING BODY>> of <<ENTITY B>> (the "<<ENTITY B>>"). <<MAY INCLUDE ADDITIONAL GOVERNING BODIES/POLITICAL SUBDIVISIONS OR MAY DEVELOP INDIVIDUAL MOUs WITH EACH POLITICAL SUBDIVISION WITHIN THE WATERSHED (see instructions in Flood IUP)>>

WHEREAS, pursuant to Texas Water Code § 15.005 and 31 Texas Administrative Code § 363.408, if the Executive Administrator determines that an application has flood control as one of its purposes and that the watershed in which the project is located is partially located outside the political subdivision making the application, the applicant must submit a written memorandum of understanding relating to the management of the watershed in which the project is to be located, signed by all governing bodies of eligible political subdivisions located in the project watershed; and

WHEREAS, <<ENTITY A>> has filed an application with the Texas Water Development Board for funding a project that has flood control as one of its purposes; and

WHEREAS, <<ENTITY A>> has determined that the watershed in which the project is located is partially located within the jurisdiction of <<ENITY B>>; and

NOW THEREFORE, in consideration of the benefits to the <<APPLICABLE/NAME OF>> Watershed and the State of Texas, <<ENTITY A>> and <<ENTITY B>> agree to the following:

1. <<ENTITY A>> will provide <<ANNUAL/QUARTERLY/MONTHLY>>progress updates to <<ENTITY B>> as the project develops and changes.
2. <<ENTITY A>> will notify <<ENTITY B>> of any potential change in impacts to <<ENTITY B>> within the <<QUARTER/MONTH>> of the identified change.
3. <<ENTITY B>> will provide constructive input to <<ENTITY A>> as the project develops and changes.
4. <<ENTITY A>> and <<ENTITY B>> will work cooperatively for the management of the <<NAME OF WATERSHED>>.

_____

<<Responsible Official for Entity A, including Title>>
<<Entity A>>

_____

<<Responsible Official for Entity B>>
<<Entity B>>

Attachment 3: Examples of Grant Percentage Calculation

Category 1 Examples

CATEGORY 1 - Flood Protection Planning for Watersheds (example with AMHI ≤ 50% state-wide AMHI and the project area was the subject of a flood-related federal disaster declaration within the past 5 years)

AMHI is 48% of the state-wide AMHI and the project area was the subject of a flood-related Presidential disaster declaration in 2017

Grant %
100%

CATEGORY 1 - Flood Protection Planning for Watersheds (example with AMHI ≤ 75% state-wide AMHI)

AMHI is 72% of the state-wide AMHI

Grant %
90%

CATEGORY 1 - Flood Protection Planning for Watersheds (example with AMHI at ≤ 125% of the state-wide AMHI)

AMHI is 105% of the state-wide AMHI

Grant %
75%

CATEGORY 1 - Flood Protection Planning for Watersheds (example with AMHI > 125% of the state-wide AMHI)

AMHI is 135% of the state-wide AMHI

Grant %
50%

Category 2 Example - Maximum grant possible if AMHI is ≤ 75% (& >65%) of the state-wide AMHI and the project is outside of an MSA:

Category 2 - Planning, Acquisition, Design and Construction/Rehabilitation, or Construction only, or Rehabilitation only

Example - Construction only	Grant %
1. Project is outside of an MSA	10%
2. AMHI is 72% of the state-wide AMHI	25%
3. The unemployment rate is 1.5 times the state rate. 1.5 X 2.5% = 3.75% (rounded up to nearest integer),	4%
4. The population has declined 180 people from 5,000 to 4,820. 180/5,000=3.6% (rounded up to nearest integer)	4%
5. It is a "rural applicant" – add 5% grant	5%
6. Nature-based costs are 40% of the project - add 5% grant (Note: it was outside the MSA so it qualified for this grant percentage on that basis alone. It also met 4 of the other qualifiers of income, unemployment rate, declining population, and rural applicant so it would have been eligible for the Nature-based grant percentage on that basis as well.	5%
Total grant %	**53%**

Category 3 Example - Maximum grant possible if AMHI is ≤ 75% (& >65%) of the state-wide AMHI and the project is outside of an MSA:

Category 3 - Federal Award Matching Funds

Example	Grant %
1. Project is outside of an MSA	10%
2. AMHI is 72% of the state-wide AMHI	55%
3. The unemployment rate is 1.5 times the state rate. 1.5 X 2.5% = 3.75% (rounded up to nearest integer)	4%
4. The population has declined 180 people from 5,000 to 4,820. 180/5,000=3.6% (rounded up to nearest integer)	4%
5. It is a "rural applicant" – add 5% grant	5%
6. Nature-based costs are 40% of the project - add 5% grant (Note: it was outside the MSA so it qualified for this grant percentage on that basis alone. It also met 4 of the other qualifiers of income, unemployment rate, declining population, and rural applicant so it would have been eligible for the Nature-based grant percentage on that basis as well.	5%
Total grant % (portion of the applicant's required federal match amount) - Capped at 90%	**83%**

Category 4 Example - Maximum grant possible if AMHI is ≤ 75% (& >65%) of the state-wide AMHI and the project is outside of an MSA:

Category 4 - Measures immediately effective in protecting life and property

Example	Grant %
1. Project is outside of an MSA	10%
2. AMHI is 72% of the state AMHI	55%
3. The unemployment rate is 1.5 times the state-wide rate. 1.5 X 2.5% = 3.75% (rounded up to nearest integer)	4%
4. The population has declined 180 people from 5,000 to 4,820. 180/5,000=3.6% (rounded up to nearest integer)	4%
5. It is a "rural applicant" – add 5% grant	5%
6. Nature-based costs are 40% of the project - add 5% grant (Note: it was outside the MSA so it qualified for this grant percentage on that basis alone. It also met 4 of the other qualifiers of income, unemployment rate, declining population, and rural applicant so it would have been eligible for the Nature-based grant percentage on that basis as well.	5%
Total grant % - Capped at 90%	**83%**

Flood Infrastructure Fund

Board Approved FIF Prioritization List and Eligible Funding Amounts - 9/17/2020

This list will be updated with information received through Intent to Apply forms and complete applications submitted by invited applicants.

Texas Water Development Board

Abridged App #	Ranked Position Approved by Board Action 9/17/2020	Prioritization Score Approved by Board Action 9/17/2020	Entity Name	Project Name	Category [1]	Eligible Grant Percentage [2] Approved by Board Action 9/17/2020	Total Project Costs	Financing from Federal Sources	Total Eligible FIF Amount *Total Project Costs - Financing from Federal Sources* [3]	FIF Grant Amount [4] Total Eligible FIF Amount * Eligible Grant Percentage	Remaining Amount Eligible for Loan or Appliant's Contribution *Total Eligible FIF Amount - FIF Grant Amount*
13800	1	79.9835	Raymondville	Raymondville Watershed Study	1	100%	$400,000	$0	$400,000	$400,000	$ 0
13561	2	79.9554	Falls County	Flood Planning	1	90%	$820,000	$0	$820,000	$738,000	$ 82,000
13605	3	79.9201	Bee County	Master Drainage Planning Study	1	90%	$2,000,000	$0	$2,000,000	$1,800,000	$ 200,000
13562	4	79.9147	Milam County	Flood Control Planning	1	75%	$856,500	$0	$856,500	$642,375	$ 214,125
13653	5	79.8750	Alice	Master Drainage Planning Study	1	90%	$241,500	$0	$241,500	$217,350	$ 24,150
13611	6	79.8454	Wharton County	Waterhole Creek - Caney Creek Basin Flood Protection Study	1	75%	$570,000	$0	$570,000	$427,500	$ 142,500
13608	7	79.7699	Driscoll	Master Drainage Planning Study	1	90%	$150,000	$0	$150,000	$135,000	$ 15,000
13571	8	79.7560	Bartlett	Flood Planning	1	90%	$350,000	$0	$350,000	$315,000	$ 35,000
13593	9	79.6947	Eastland	Leon River Watershed Study	1	90%	$450,000	$0	$450,000	$405,000	$ 45,000
13698	10	79.5080	Trinity River Authority	Trinity River Mid-Basin Watershed Study Phase II	1	90%	$1,170,000	$0	$1,170,000	$1,053,000	$ 117,000
13796	11	76.8730	Karnes County	Flood Protection Planning Study	1	75%	$825,000	$0	$825,000	$618,750	$ 206,250
13592	12	76.6949	Caldwell County	Caldwell County Flood Protection Planning	1	75%	$975,000	$0	$975,000	$731,250	$ 243,750
13651	13	76.6933	Cameron	Little River Watershed Study	1	75%	$150,000	$0	$150,000	$112,500	$ 37,500
13612	14	76.6492	Jackson County County-Wide Drainage District	Keller Branch – Lavaca River Basin Flood Protection Study Option 1	1	75%	$227,000	$0	$227,000	$170,250	$ 56,750
13613	15	76.6492	Jackson County County-Wide Drainage District	Keller Branch – Lavaca River Basin Flood Protection Study Option 2	1	75%	$500,000	$0	$500,000	$375,000	$ 125,000
13565	16	76.6237	Iowa Colony	Master Drainage Plan	1	50%	$300,000	$0	$300,000	$150,000	$ 150,000
13815	17	74.8578	Tehuacana Creek WID	Baseline Water Quality Study on Site 19	2*	46%	$80,000	$0	$80,000	$36,800	$ 43,200
13655	18	71.5378	Chambers County	Flood Protection Planning for Watersheds – Chambers County and City of Mont Belview	1	75%	$6,208,000	$0	$6,208,000	$4,656,000	$ 1,552,000
13597	19	71.5297	Orange County Drainage District	Sabine River Relief Ditch Extension & Expansion	1	75%	$5,000,000	$0	$5,000,000	$3,750,000	$ 1,250,000
13774	20	69.9952	Willacy County	Willacy County Watershed Study	1	100%	$1,600,000	$0	$1,600,000	$1,600,000	$ 0
13575	21	69.7469	Gatesville	Drainage Study and Master Plan	1	90%	$250,000	$0	$250,000	$225,000	$ 25,000
13697	22	69.2178	Silsbee	City-Wide Flood Protection Planning	1	90%	$800,000	$0	$800,000	$720,000	$ 80,000
13609	23	67.9790	Cameron County Drainage District #3	Flood Protection Study	1	90%	$1,650,000	$0	$1,650,000	$1,485,000	$ 165,000
13818	24	67.9689	Nueces County Drainage & Conservation District #2	Master Drainage Planning Study	1	100%	$550,000	$0	$550,000	$550,000	$ 0
13647	25	67.8608	Brownsville	Brownsville to Port Isabel HUC-10 Watershed Study	1	90%	$1,350,000	$0	$1,350,000	$1,215,000	$ 135,000
13554	26	67.6240	Galveston	Master Drainage Study	1	75%	$800,000	$0	$800,000	$600,000	$ 200,000
13625	27	66.8873	Hunt County	Countywide Drainage Study	1	75%	$255,000	$0	$255,000	$191,250	$ 63,750
13589	28	66.5606	Kaufman County	Countywide Drainage Study	1	75%	$240,000	$0	$240,000	$180,000	$ 60,000
13809	29	66.2666	Wimberley	Wimberley Flood Hazard/Risk Assessment Project	1	75%	$150,000	$0	$150,000	$112,500	$ 37,500
13704	30	65.7338	Jourdanton	Jourdanton Main Street Drainage Project	2	20%	$1,504,770	$0	$1,504,770	$300,954	$ 1,203,816
13689	31	64.9736	Hidalgo County Drainage District #1	Phase 1 Flood Control Project	2	30%	$32,670,000	$0	$32,670,000	$9,801,000	$ 22,869,000
13799	32	64.8204	Nueces County	Nueces County Regional Drainage Master Plan Study	1	75%	$2,250,000	$262,500	$1,987,500	$1,490,625	$ 496,875
13806	33	64.5396	Waller County	Brazos River Flood Update Study	1	75%	$350,000	$0	$350,000	$262,500	$ 87,500
13543	34	64.5315	Jefferson County Drainage District #6	Regional Watershed Plan	1	75%	$8,500,000	$0	$8,500,000	$6,375,000	$ 2,125,000
13807	35	64.5191	Waller County	Spring Creek Watershed Flood Protection Study	1	75%	$320,000	$0	$320,000	$240,000	$ 80,000
13816	36	64.2754	Parker County Soil and Water Conservation District #558	Parker County EAP for Dam Breach and Inundation Maps	4	5%	$35,000	$0	$35,000	$1,750	$ 33,250
13820	37	64.2564	San Jacinto River Authority	Spring Creek Watershed Flood Control Dams Conceptual Engineering Feasibility Study	1	50%	$1,000,000	$0	$1,000,000	$500,000	$ 500,000
13684	38	62.9826	Lower Rio Grande Valley Development Council	Lower Rio Grande Valley Regional Flood Protection Planning	1	90%	$8,870,000	$0	$8,870,000	$7,983,000	$ 887,000
13607	39	62.9201	Bee County	Flood Early Warning System – Phase I	4	75%	$437,500	$0	$437,500	$328,125	$ 109,375
13659	40	62.7988	DeWitt County Drainage District #1	Flood Warning System & Stream Gage Network	4	59%	$210,770	$0	$210,770	$124,354	$ 86,416
13528	41	62.7797	Harlingen	Flood Protection Planning Study	1	90%	$6,237,000	$0	$6,237,000	$5,613,300	$ 623,700
13628	42	62.4150	San Jacinto River Authority	Flood Early Warning System for San Jacinto County	4	74%	$65,000	$0	$65,000	$48,100	$ 16,900
13634	43	61.5000	Bastrop County	Flood Protection Planning Studies - Phase 6	1	75%	$1,500,000	$0	$1,500,000	$1,125,000	$ 375,000
13679	44	61.4973	Hardin County	Municipal Storm Drain Project	2	8%	$77,750,000	$0	$77,750,000	$6,220,000	$ 71,530,000
13801	45	59.4833	Sabine River Authority	Flood Protection Planning for Watersheds – Lower Sabine River Basin	1	75%	$2,552,063	$0	$2,552,063	$1,914,047	$ 638,016
13808	46	59.2460	Williamson County	Williamson County Atlas 14 Floodplain Mapping	1	50%	$9,299,185	$0	$9,299,185	$4,649,593	$ 4,649,593
13626	47	59.2387	San Jacinto River Authority	Lake Conroe – Lake Houston Joint Reservoir Operations Study	1	50%	$1,000,000	$0	$1,000,000	$500,000	$ 500,000
13811	48	57.9952	Willacy County	Railroad Spur Drainage Detention Area	2	57%	$1,690,000	$0	$1,690,000	$963,300	$ 726,700
13518	49	57.9952	San Perlita	City-Wide Sewer System Upgrade #1	2*	68%	$4,000,000	$0	$4,000,000	$2,720,000	$ 1,280,000
13821	50	57.9478	Laredo	Chacon Creek – Rio Grande Basin Flood Protection Study Option 2	1	90%	$2,500,000	$0	$2,500,000	$2,250,000	$ 250,000
13526	51	57.5785	Stephenville	Green River - North Bosque Flood Protection Planning	1	75%	$450,000	$0	$450,000	$337,500	$ 112,500
13615	52	54.9689	Nueces County Drainage & Conservation District #2	Casa Blanca Drainage Improvements	2	46%	$810,000	$0	$810,000	$372,600	$ 437,400
13566	53	54.9487	Mart	Flood Planning	2*	50%	$155,000	$0	$155,000	$77,500	$ 77,500
13579	54	54.8974	Pharr	South Pharr Regional Detention Facility and Drainage Improvement	2	30%	$4,510,000	$0	$4,510,000	$1,353,000	$ 3,157,000
13635	55	54.8583	Bay City	Regional Drainage Study	2*	29%	$306,000	$0	$306,000	$88,740	$ 217,260
13521	56	54.6746	Mineral Wells	Comprehensive Drainage Study	1	90%	$250,000	$0	$250,000	$225,000	$ 25,000
13798	57	54.5976	Midland County	Monahans and South Draw Flood Planning	1	50%	$1,225,000	$0	$1,225,000	$612,500	$ 612,500
13802	58	54.5172	Sabine River Authority	Flood Protection Planning for Watersheds – Upper Sabine River Basin	1	75%	$1,000,000	$0	$1,000,000	$750,000	$ 250,000
13779	59	54.4257	Llano County	Llano & San Saba County Hazard Mitigation Plan	3	59%	$134,500	$94,500	$40,000	$23,600	$ 16,400
13556	60	54.3540	Austin	Central Texas Regional Floodplain Studies	1	50%	$10,100,000	$1,200,000	$8,900,000	$4,450,000	$ 4,450,000
13803	61	54.3204	San Jacinto River Authority	Upper San Jacinto River Basin Regional Sedimentation Study	1	50%	$750,000	$0	$750,000	$375,000	$ 375,000
13795	62	52.9675	Val Verde County	Flood Early Warning System	4	58%	$500,000	$0	$500,000	$290,000	$ 210,000
13648	63	52.9543	Brownsville	Impala Drain and Upstream Ditches Improvements	2	45%	$9,100,000	$0	$9,100,000	$4,095,000	$ 5,005,000
13596	64	52.9322	Uvalde County	Self-Supporting Tower for Early Warning System	4	73%	$300,000	$0	$300,000	$219,000	$ 81,000
13797	65	52.7555	Lubbock	Flood Protection Planning for Watersheds	1	75%	$750,000	$0	$750,000	$562,500	$ 187,500
13540	66	52.7501	Kingsville	Drainage Master Plan - Location 9	2	43%	$5,600,000	$0	$5,600,000	$2,408,000	$ 3,192,000
13542	67	52.6660	Fredericksburg	Flood Early Warning System Improvements	4	15%	$745,000	$0	$745,000	$111,750	$ 633,250
13707	68	52.4392	Lower Neches Valley Authority	Stowell Water Plant Proposed 2020 Improvements	2	35%	$1,632,300	$0	$1,632,300	$571,305	$ 1,060,995
13771	69	51.9952	Willacy County	Joint Flood Control Project with WCDD #1	2	51%	$2,857,983	$0	$2,857,983	$1,457,571	$ 1,400,412
13719	70	51.0237	Montgomery Co MUD #67	Bear Branch Drainage Improvements	2	10%	$11,300,000	$0	$11,300,000	$1,130,000	$ 10,170,000
13819	71	50.9689	Nueces County Drainage & Conservation District #2	Flood Early Warning System	4	76%	$612,500	$0	$612,500	$465,500	$ 147,000
13794	72	50.5202	Sabine River Authority	Sabine River Basin Gages	4	58%	$300,000	$0	$300,000	$174,000	$ 126,000
13654	73	49.9790	Cameron County Drainage District #5	Murphy Lateral & South Fork Lateral Regional Detention Ponds	2	39%	$6,000,000	$0	$6,000,000	$2,340,000	$ 3,660,000
13580	74	49.7020	Houston	Houston Storm Water Master Plan	1	75%	$5,250,000	$0	$5,250,000	$3,937,500	$ 1,312,500
13530	75	49.6756	Brazoria County Conservation & Reclamation District #3	Alvin-Manvel Regional Flood Control Mitigation	2*	5%	$5,000,000	$0	$5,000,000	$250,000	$ 4,750,000
13620	76	49.2753	North Central Texas Council of Governments	Integrated Transportation and Stormwater Management	1	50%	$6,000,000	$3,000,000	$3,000,000	$1,500,000	$ 1,500,000
13527	77	49.2215	Hays County	Onion Creek Watershed Study Floodplain and Mapping	1	50%	$430,000	$0	$430,000	$215,000	$ 215,000
13725	78	48.9790	Palm Valley	Storm Water System Improvements	2	5%	$1,418,431	$0	$1,418,431	$70,922	$ 1,347,509
13606	79	48.9201	Bee County	Medio Creek Flood Control Improvements	2	45%	$3,473,313	$0	$3,473,313	$1,562,991	$ 1,910,322
13617	80	47.9478	Laredo	Chacon Creek – Rio Grande Basin Flood Protection Study	1	90%	$650,000	$0	$650,000	$585,000	$ 65,000
13618	81	46.9790	Cameron County Drainage District #5	North Main Drainage Channel Improvement and Regional Detention Pond	2	39%	$7,700,000	$0	$7,700,000	$3,003,000	$ 4,697,000
13619	82	46.9790	Cameron County Drainage District #5	Sibley Lateral Regional Detention Pond	2	39%	$4,000,000	$0	$4,000,000	$1,560,000	$ 2,440,000
13547	83	46.6317	Harris County Flood Control District	Woodland Trails Basin	2	0%	$64,880,515	$0	$64,880,515	$0	$ 64,880,515
13656	84	44.9631	Cotulla	Flood Planning Study for LOMR	2	5%	$150,000	$0	$150,000	$7,500	$ 142,500
13691	85	44.5274	New Braunfels	New Braunfels Drainage Area Master Plan – Future Phases	1	75%	$1,036,190	$0	$1,036,190	$777,143	$ 259,048
13522	86	44.2576	Copper Canyon	Poindexter Branch Flood Mitigation Plan	2	10%	$145,000	$0	$145,000	$14,500	$ 130,500
13738	87	42.9986	San Benito	Regional Flood Mitigation Fairground Facility	2	40%	$6,500,000	$0	$6,500,000	$2,600,000	$ 3,900,000
13782	88	42.9952	Willacy County Drainage District #2	Regional Detention Facilities	3	82%	$1,616,331	$0	$1,616,331	$1,325,391	$ 290,940
13732	89	42.9835	Raymondville	Raymondville Ditch	2	62%	$884,760	$0	$884,760	$548,551	$ 336,209
13785	90	42.9790	Cameron County Drainage District #1	Ditch One Regional Detention Drainage Improvement - PER	2	39%	$260,000	$0	$260,000	$101,400	$ 158,600
13610	91	42.9790	Cameron County Drainage District #3	Flood Protection Study Option 2	2	34%	$660,000	$0	$660,000	$224,400	$ 435,600
13614	92	42.9689	Nueces County Drainage & Conservation District #2	Bosquez Rd. / Avenue J Drainage Improvements	2	46%	$2,453,731	$0	$2,453,731	$1,128,716	$ 1,325,015
13616	93	42.9689	Nueces County Drainage & Conservation District #2	Ditch "A" and Bluebonnet Drainage Improvements	2	36%	$1,312,000	$0	$1,312,000	$472,320	$ 839,680
13776	94	42.9126	Willacy County	La Sara Gates	2	65%	$86,520	$0	$86,520	$56,238	$ 30,282
13775	95	42.9126	Willacy County	Linear Detention and Pipe	2	55%	$268,686	$0	$268,686	$147,777	$ 120,909
13823	96	42.9007	Willacy County	Lyford Trunkline	2	52%	$436,356	$0	$436,356	$226,905	$ 209,451
13773	97	42.9007	Willacy County	Simo Lift Station	2	52%	$564,420	$0	$564,420	$293,498	$ 270,922
13627	98	42.8568	Alice	Pintas Creek at Sunset Dr. & Virginia St. Drainage Improvements	3	77%	$1,490,000	$1,117,500	$372,500	$286,825	$ 85,675
13564	99	42.8555	Port Arthur	Master Drainage Plan and Policy Guide Development	2	39%	$1,300,000	$0	$1,300,000	$507,000	$ 793,000
13772	100	42.7857	Willacy County	Mulberry Detention Pond	2	60%	$1,467,630	$0	$1,467,630	$880,578	$ 587,052
13770	101	42.7857	Willacy County	Sebastian Drainage Improvements	2	60%	$4,910,760	$0	$4,910,760	$2,946,456	$ 1,964,304
13652	102	42.7070	Cameron	Little River Pump Station	2	25%	$15,000,000	$0	$15,000,000	$3,750,000	$ 11,250,000
13595	103	42.5349	Junction	Water Treatment Plant Raw Water Intake	2	50%	$907,600	$0	$907,600	$453,800	$ 453,800
13591	104	42.3100	Harris County MUD #153	Dredging of Channels that Exit Into Lake Houston	2*	10%	$50,000,000	$0	$50,000,000	$5,000,000	$ 45,000,000
13804	105	42.2078	San Jacinto River Authority	San Jacinto River Sand Trap Development Preliminary Design	2*	0%	$400,000	$0	$400,000	$0	$ 400,000
13623	106	41.9130	Wharton	City of Wharton Flood Protection Plan	2	47%	$6,500,000	$0	$6,500,000	$3,055,000	$ 3,445,000
13784	107	40.9790	Cameron County Drainage District #1	Ditch One Regional Detention Drainage Improvement - Final Design & Construction	2	39%	$1,000,000	$0	$1,000,000	$390,000	$ 610,000
13650	108	40.8725	Bryan	B-FEWS Scalable Flood Early Warning System	4	40%	$450,000	$0	$450,000	$180,000	$ 270,000
13781	109	40.5616	Marble Falls	Avenue N at Backbone Creek HMGP Project	3	74%	$3,579,498	$2,684,623	$894,875	$662,208	$ 232,668
13709	110	40.5616	Marble Falls	Backbone Tributary Bypass Channel	2	44%	$1,691,906	$0	$1,691,906	$744,439	$ 947,467
13568	111	40.3378	Bandera	Drainage Improvements	2	45%	$8,233,973	$0	$8,233,973	$3,705,288	$ 4,528,685
13550	112	39.9516	Alton	North Stewart Blvd Drainage Improvements	2	35%	$8,500,000	$0	$8,500,000	$2,975,000	$ 5,525,000
13717	113	39.9487	Mexia	Plummers Creek Tributary Storm Sewer Improvements	2	51%	$1,700,000	$0	$1,700,000	$867,000	$ 833,000
13523	114	39.9158	Weslaco	Kansas and Los Torritos Drainage Improvements to Mayor Pablo Pena Park - Phase 1	3	65%	$4,302,627	$1,300,000	$3,002,627	$1,951,708	$ 1,050,919
13687	115	39.8904	Harlingen	9th & 13th Street Drainage Improvements	3	80%	$2,858,886	$1,172,143	$1,686,743	$1,349,394	$ 337,349
13762	116	39.6973	Trinity Bay Conservation District	Spindletop Bayou	2	9%	$11,500,000	$0	$11,500,000	$1,035,000	$ 10,465,000
13805	117	37.7781	San Patricio County	Green Lake Outfall System and Gregory Diversion Ditch	2*	17%	$13,941,120	$0	$13,941,120	$2,369,990	$ 11,571,130
13560	118	37.7350	Dallas County	Dallas County Inland Port Flood Protection Planning Study	1	75%	$7,245,000	$0	$7,245,000	$5,433,750	$ 1,811,250
13557	119	37.7338	La Villa	Water Treatment Plant Relocation	2*	44%	$8,939,000	$446,950	$8,492,050	$3,736,502	$ 4,755,548
13791	120	37.7020	Houston	Taylor Gully Flood Damage Reduction	2	0%	$33,100,000	$0	$33,100,000	$0	$ 33,100,000
13599	121	37.6443	Harris County	Beaumont Place Subdivision Drainage Improvement Phase 2	2	5%	$16,145,000	$0	$16,145,000	$807,250	$ 15,337,750
13702	122	37.6121	Jefferson County Drainage District #3	Mayhaw Lateral Improvements	2	8%	$2,200,000	$0	$2,200,000	$176,000	$ 2,024,000
13594	123	37.5349	Junction	Junction Dam Repairs and Mitigation	2	50%	$4,121,000	$0	$4,121,000	$2,060,500	$ 2,060,500
13744	124	37.1463	Sienna Plantation Levee Improvement District	Channel 1 Detention Facility	2	3%	$9,400,000	$0	$9,400,000	$282,000	$ 9,118,000
13669	125	37.1190	Fort Bend County Levee Improvement District #14	Pump Station Upgrade And Replacement	2	5%	$3,000,000	$0	$3,000,000	$150,000	$ 2,850,000
13814	126	37.1190	Fort Bend County Levee Improvement District #19	Lost Creek Pump Station	2	0%	$17,975,000	$0	$17,975,000	$0	$ 17,975,000
13541	127	37.0705	Fort Bend County MUD #140	FM 359 Regional Levee	2	0%	$22,000,000	$0	$22,000,000	$0	$ 22,000,000
13688	128	35.8223	Hewitt	Flat Creek Automatic Gate System Project	4	40%	$231,700	$0	$231,700	$92,680	$ 139,020
13587	129	35.7571	Harris County Flood Control District	Halls Bayou Drainage Project Bond C-26 & C-27	2	30%	$31,316,863	$0	$31,316,863	$9,395,059	$ 21,921,804
13638	130	35.6101	Angelina & Neches River Authority	West Orange County Flood Mitigation	2	13%	$104,401,381	$0	$104,401,381	$13,572,180	$ 90,829,201
13708	131	35.5616	Marble Falls	Wastewater Treatment Plant Relocation out of Floodplain	2	34%	$29,695,000	$0	$29,695,000	$10,096,300	$ 19,598,700
13573	132	34.4600	Sugar Land	Austin Park and Chimneystone Drainage Improvements	2	5%	$16,500,000	$0	$16,500,000	$825,000	$ 15,675,000
13567	133	34.4419	Travis County	Master Flood Plan Phase 1	1	75%	$2,565,000	$0	$2,565,000	$1,923,750	$ 641,250
13789	134	33.8120	El Paso County	Stream 13.5 Basin (HAC7)	2	50%	$3,210,000	$0	$3,210,000	$1,605,000	$ 1,605,000
13538	135	33.7501	Kingsville	Drainage Master Plan - Location 7	2	43%	$1,400,000	$0	$1,400,000	$602,000	$ 798,000
13633	136	33.4190	Bastrop	Gills Branch Flood Mitigation Improvements	2	5%	$4,500,000	$0	$4,500,000	$225,000	$ 4,275,000
13670	137	33.1559	Fort Bend County Levee Improvement District #2	Additional Internal Flood Storage	2	10%	$10,300,000	$0	$10,300,000	$1,030,000	$ 9,270,000
13780	138	32.9952	Lyford	HMGP Match Funds	3	82%	$750,214	$562,661	$187,554	$153,794	$ 33,760
13731	139	32.9790	Primera	City of Primera Drainage Master Plan	2	29%	$300,000	$0	$300,000	$87,000	$ 213,000
13716	140	32.9498	Mercedes	Storm Sewer and Drainage System GIS Mapping & Hydraulic Study	2	34%	$75,000	$0	$75,000	$25,500	$ 49,500
13765	141	32.8917	Tyler	Black Fork Creek at Gentry Parkway Capital Improvement Plan Study	2	35%	$80,000	$0	$80,000	$28,000	$ 52,000
13588	142	32.8352	Harris County Flood Control District	Halls Bayou Drainage Project Bond C-28 & C-29	2	30%	$14,938,614	$0	$14,938,614	$4,481,584	$ 10,457,030
13720	143	32.8320	Mount Pleasant	Hart Creek Tributary Study	2	25%	$75,000	$0	$75,000	$18,750	$ 56,250
13764	144	32.8073	Tyler	Headwaters of Willow Creek Capital Improvement Plan Study	2	39%	$160,000	$0	$160,000	$62,400	$ 97,600
13532	145	32.7501	Kingsville	Drainage Master Plan - Location 1	2	43%	$1,400,000	$0	$1,400,000	$602,000	$ 798,000
13534	146	32.7501	Kingsville	Drainage Master Plan - Location 3	2	43%	$1,500,000	$0	$1,500,000	$645,000	$ 855,000
13535	147	32.7501	Kingsville	Drainage Master Plan - Location 4	2	43%	$1,900,000	$0	$1,900,000	$817,000	$ 1,083,000
13726	148	32.7020	Pasadena	Hurricane Harvey Drainage Mitigation Project 1	2	5%	$154,756,817	$116,067,613	$38,689,204	$1,934,460	$ 36,754,744
13727	149	32.7020	Pasadena	Hurricane Harvey Drainage Mitigation Project 2	2	5%	$203,000,000	$0	$203,000,000	$10,150,000	$ 192,850,000
13728	150	32.7020	Pasadena	Hurricane Harvey Drainage Mitigation Project 3	3	5%	$37,543,000	$0	$37,543,000	$1,877,150	$ 35,665,850
13696	151	32.6262	San Angelo	Lower Reagan Regional Detention Improvements	2	5%	$570,552	$0	$570,552	$28,528	$ 542,024
13519	152	32.2819	Rose Hill Acres	Flood Mitigation Improvements	2	14%	$12,000,000	$0	$12,000,000	$1,680,000	$ 10,320,000
13769	153	32.2725	Weston Lakes	Flood Diversion Canal	2	5%	$900,000	$0	$900,000	$45,000	$ 855,000
13668	154	32.2650	Fort Bend County	Flat Bank Creek Cutoff Structure	2	0%	$21,000,000	$0	$21,000,000	$0	$ 21,000,000
13548	155	31.8018	Harris County Flood Control District	Lauder Stormwater Detention Basin	2	10%	$38,069,507	$11,500,000	$26,569,507	$2,656,951	$ 23,912,556
13570	156	31.6805	Fort Bend County Drainage District	Upper Big Creek Flood Reduction Project	2*	15%	$51,000,000	$0	$51,000,000	$7,650,000	$ 43,350,000
13745	157	31.1463	Sienna Plantation Levee Improvement District	600 Acre-Foot Regional Detention Facility	2	3%	$8,000,000	$0	$8,000,000	$240,000	$ 7,760,000
13753	158	31.1463	Sienna Plantation Levee Improvement District	Woods Acreage Estates Pump Station	2	0%	$2,100,000	$0	$2,100,000	$0	$ 2,100,000
13662	159	30.9572	Cameron County	Paso Real Drainage Project	3	75%	$1,470,181	$1,102,636	$367,545	$275,659	$ 91,886
13583	160	30.8953	Houston	Wynnewood/Acres Homes	2	30%	$12,261,900	$0	$12,261,900	$3,678,570	$ 8,583,330
13649	161	30.8735	Brownsville	Drainage SCADA Control System	2*	36%	$4,000,000	$0	$4,000,000	$1,440,000	$ 2,560,000
13531	162	30.7670	Garland	Flood Warning System	4	3%	$637,000	$0	$637,000	$19,110	$ 617,890
13724	163	30.7259	Palestine	Blue Lake Dam Improvements	2	40%	$260,000	$0	$260,000	$104,000	$ 156,000
13722	164	30.7259	Palestine	Lower Lake Dam Improvements	2	20%	$335,000	$0	$335,000	$67,000	$ 268,000
13723	165	30.7259	Palestine	Upper Lake Dam Improvements	2	20%	$315,000	$0	$315,000	$63,000	$ 252,000
13721	166	30.6502	Palestine	Wolf Creek Lake Dam Improvements	2	30%	$380,000	$0	$380,000	$114,000	$ 266,000
13551	167	30.5699	Canyon Regional WA	Hays Caldwell Water Treatment Plant Floodwall	2	0%	$1,593,553	$0	$1,593,553	$0	$ 1,593,553
13640	168	30.5406	Arlington	Stream Gauge Improvements	4	0%	$109,042	$0	$109,042	$0	$ 109,042
13552	169	30.5084	Canyon Regional WA	Pipeline Bore Under Lake Dunlap	2	0%	$1,661,467	$0	$1,661,467	$0	$ 1,661,467
13777	170	30.1949	Willow Fork Drainage District	Barker Reservoir Flood Risk Reduction and Park Project	2	8%	$48,880,000	$0	$48,880,000	$3,910,400	$ 44,969,600
13729	171	30.0327	Pasadena	Middle Armand Bayou Protection Project	2	10%	$19,700,000	$4,400,000	$15,300,000	$1,530,000	$ 13,770,000
13559	172	29.9303	Weslaco	Regional Detention Pond Project 2, Phase 1B	2	25%	$3,040,000	$0	$3,040,000	$760,000	$ 2,280,000
13586	173	29.9190	Harris County Flood Control District	Halls Bayou Drainage Project Bond C-24	2	35%	$38,512,031	$0	$38,512,031	$13,479,211	$ 25,032,820
13585	174	29.8821	Harris County Flood Control District	Halls Bayou Drainage Project Bond C-23	2	10%	$18,715,233	$0	$18,715,233	$1,871,523	$ 16,843,710
13584	175	29.8386	Harris County Flood Control District	Halls Bayou Drainage Project Bond C-01	2	26%	$20,332,836	$0	$20,332,836	$5,286,537	$ 15,046,299
13578	176	29.7670	University Park	Park Storm Water Improvements for Area 2	2	0%	$717,640	$0	$717,640	$0	$ 717,640
13576	177	29.7670	University Park	Storm Water Improvements for Area 1 Phase 2	2	0%	$3,500,000	$0	$3,500,000	$0	$ 3,500,000
13621	178	29.7410	Fairfield	South Bateman Drainage Study	2*	25%	$45,600	$0	$45,600	$11,400	$ 34,200
13569	179	27.9487	Mart	Flood Prevention and Mitigation	2	50%	$460,000	$0	$460,000	$230,000	$ 230,000

Flood Infrastructure Fund

Board Approved FIF Prioritization List and Eligible Funding Amounts - 9/17/2020

This list will be updated with information received through Intent to Apply forms and complete applications submitted by invited applicants.

Texas Water Development Board

Abridged App #	Ranked Position Approved by Board Action 9/17/2020	Prioritization Score Approved by Board Action 9/17/2020	Entity Name	Project Name	Category [1]	Eligible Grant Percentage [2] Approved by Board Action 9/17/2020	Total Project Costs	Financing from Federal Sources	Total Eligible FIF Amount *Total Project Costs - Financing from Federal Sources* [3]	FIF Grant Amount [4] Total Eligible FIF Amount * Eligible Grant Percentage	Remaining Amount Eligible for Loan or Appliant's Contribution *Total Eligible FIF Amount - FIF Grant Amount*
13666	180	27.9086	El Paso County WID #1	Irrigation/Floodwater Mitigation Strategy Update	2*	34%	$100,000	$0	$100,000	$34,000	$ 66,000
13664	181	27.8191	El Paso	Will Ruth Pond and Conveyance Improvements	2	35%	$14,600,000	$0	$14,600,000	$5,110,000	$ 9,490,000
13787	182	27.8120	El Paso County	Sparks Arroyo A1-A3 (SSA1)	2	40%	$34,530,000	$0	$34,530,000	$13,812,000	$ 20,718,000
13533	183	27.7501	Kingsville	Drainage Master Plan - Location 2	2	43%	$3,600,000	$0	$3,600,000	$1,548,000	$ 2,052,000
13536	184	27.7501	Kingsville	Drainage Master Plan - Location 5	2	43%	$7,800,000	$0	$7,800,000	$3,354,000	$ 4,446,000
13537	185	27.7501	Kingsville	Drainage Master Plan - Location 6	2	43%	$230,000	$0	$230,000	$98,900	$ 131,100
13590	186	27.6952	Panola County FWSD #1	Murvaul Bayou Dam Flood Mitigation	2	18%	$411,950	$0	$411,950	$74,151	$ 337,799
13763	187	27.6280	Trinity Bay Conservation District	Spring Branch/Albritta Gulley	2	9%	$320,000	$0	$320,000	$28,800	$ 291,200
13793	188	27.5406	Kennedale	Valley Lane Streambank Stabilization	2*	20%	$2,019,000	$0	$2,019,000	$403,800	$ 1,615,200
13555	189	27.5232	Fredericksburg	N Llano Storm Sewer System	2	15%	$2,602,930	$0	$2,602,930	$390,440	$ 2,212,491
13667	190	27.4632	Ennis	Cottonwood Drainage Rehabilitation	2	5%	$3,455,800	$0	$3,455,800	$172,790	$ 3,283,010
13760	191	26.9130	Socorro	Sparks Arroyo Drainage Project	2	34%	$8,196,453		$8,196,453	$2,786,794	$ 5,409,659
13577	192	26.7670	University Park	Storm Water Improvements for Area 1 Phase 3	2	0%	$2,500,000	$0	$2,500,000	$0	$ 2,500,000
13695	193	26.6262	San Angelo	East Angelo Draw Channel Improvements	2	34%	$2,397,503	$0	$2,397,503	$815,151	$ 1,582,352
13740	194	25.9095	San Marcos	Briarwood and River Ridge Improvements	2	49%	$2,352,226	$0	$2,352,226	$1,152,591	$ 1,199,635
13600	195	25.8339	Harris County	Eastex Freeway Forest Sections 3 & 4 Subdivision Improvements	2	40%	$1,961,920	$0	$1,961,920	$784,768	$ 1,177,152
13603	196	25.8257	Harris County	Ralston Acres Subdivision Drainage Improvements	2	35%	$3,526,173	$0	$3,526,173	$1,234,161	$ 2,292,012
13601	197	25.8020	Harris County	Fallbrook, Ridgepoint and Westpoint Subdivision Drainage Improvements	2	34%	$3,049,000	$0	$3,049,000	$1,036,660	$ 2,012,340
13581	198	25.7963	Houston	Catalina	2	35%	$3,465,000	$0	$3,465,000	$1,212,750	$ 2,252,250
13582	199	25.7496	Houston	Spring Shadows South	2	5%	$3,186,414	$0	$3,186,414	$159,321	$ 3,027,093
13598	200	25.7378	Harris County	Northfield Place Subdivision Drainage Improvements	2	30%	$6,437,200	$0	$6,437,200	$1,931,160	$ 4,506,040
13602	201	25.6999	Harris County	Oak Glen Place Subdivision Drainage Improvements	2	14%	$8,074,345	$0	$8,074,345	$1,130,408	$ 6,943,937
13661	202	25.6952	Cameron County	Mariposa Ranch Drainage Project	3	49%	$2,303,805	$1,727,854	$575,951	$282,216	$ 293,735
13604	203	25.6443	Harris County	Sandpiper Village Subdivision Drainage Improvements	2	15%	$3,773,980	$0	$3,773,980	$566,097	$ 3,207,883
13525	204	25.4374	Guadalupe Blanco RA	Lake Dunlap Spillgate Replacement and Dam Armoring	2*	0%	$40,000,000	$0	$40,000,000	$0	$ 40,000,000
13672	205	25.1949	Fort Bend County Levee Improvement District #7	Brazos River Bank Stabilization	3	3%	$52,571,086	$39,428,315	$13,142,772	$394,283	$ 12,748,488
13674	206	25.1949	Fort Bend County Levee Improvement District #7	Internal Flood Risk Reduction	2	3%	$22,801,880	$0	$22,801,880	$684,056	$ 22,117,823
13758	207	25.1585	Sienna Plantation Levee Improvement District	Electrical Package for all District Sluice Gates	2	0%	$600,000	$0	$600,000	$0	$ 600,000
13759	208	25.1585	Sienna Plantation Levee Improvement District	Lighting at Pump Stations and Major Outfalls and Gates	2	0%	$600,000	$0	$600,000	$0	$ 600,000
13746	209	25.1585	Sienna Plantation Levee Improvement District	Structural Hardening of Brazos River Levee	2	0%	$5,000,000	$0	$5,000,000	$0	$ 5,000,000
13755	210	25.1571	Sienna Plantation Levee Improvement District	Expand Working Area and Improve Access to North Pump Station	2	0%	$1,300,000	$0	$1,300,000	$0	$ 1,300,000
13750	211	25.1571	Sienna Plantation Levee Improvement District	Flat Bank Creek Widening and Clean-Out Project	2	0%	$2,600,000	$0	$2,600,000	$0	$ 2,600,000
13756	212	25.1519	Sienna Plantation Levee Improvement District	Pump Station Electrical Controls and Generator Flood Protection	2	0%	$1,200,000	$0	$1,200,000	$0	$ 1,200,000
13742	213	25.1463	Sienna Plantation Levee Improvement District	400,500 GPM Pump Station at Outfall No. 2	2	3%	$15,600,000	$0	$15,600,000	$468,000	$ 15,132,000
13757	214	25.1463	Sienna Plantation Levee Improvement District	Atlas 14 Channel 3-4B Pipeline Culvert Replacement	2	3%	$750,000	$0	$750,000	$22,500	$ 727,500
13754	215	25.1463	Sienna Plantation Levee Improvement District	Atlas 14 Southern Colony Culvert Replacement	2	3%	$1,400,000	$0	$1,400,000	$42,000	$ 1,358,000
13743	216	25.1463	Sienna Plantation Levee Improvement District	Brazos River Erosion Project	2	3%	$15,000,000	$0	$15,000,000	$450,000	$ 14,550,000
13752	217	25.1463	Sienna Plantation Levee Improvement District	Channel 1 Widening (Scanlan Road to Main Channel)	2	3%	$2,300,000	$0	$2,300,000	$69,000	$ 2,231,000
13748	218	25.1463	Sienna Plantation Levee Improvement District	Channel 4 Widening (Phase 5)	2	3%	$3,055,503	$0	$3,055,503	$91,665	$ 2,963,838
13751	219	25.1463	Sienna Plantation Levee Improvement District	Expand Working Area and Improve Access to South Pump Stations	2	3%	$2,600,000	$0	$2,600,000	$78,000	$ 2,522,000
13747	220	25.1463	Sienna Plantation Levee Improvement District	Main Channel Widening along Sienna Point	2	3%	$4,500,000	$0	$4,500,000	$135,000	$ 4,365,000
13749	221	25.1463	Sienna Plantation Levee Improvement District	Sienna Point Internal Drainage Improvements	2	3%	$3,000,000	$0	$3,000,000	$90,000	$ 2,910,000
13639	222	24.7189	Aransas Pass	Stormwater Pump Station #3 (Euclid)	2	17%	$6,000,000	$0	$6,000,000	$1,020,000	$ 4,980,000
13572	223	24.4600	Sugar Land	Oyster Creek Diversion Channel and Storage Facility	2	0%	$27,400,000	$0	$27,400,000	$0	$ 27,400,000
13545	224	23.7571	Harris County Flood Control District	C147/C547 Flood Risk Reduction Project	2	35%	$30,000,000	$0	$30,000,000	$10,500,000	$ 19,500,000
13622	225	23.6932	Cedar Park	Block House Creek	2	0%	$6,889,665	$0	$6,889,665	$0	$ 6,889,665
13563	226	22.9487	Sansom Park	Master Drainage Plan	2	4%	$358,000	$0	$358,000	$14,320	$ 343,680
13711	227	22.8583	Matagorda County Conservation & Reclamation District No. 1	Matagorda Ring Levee Drainage Structure Improvements	2	50%	$2,152,700	$0	$2,152,700	$1,076,350	$ 1,076,350
13553	228	22.8454	Harris County Flood Control District	Greens Bayou Mid Reach	2	20%	$51,100,000	$0	$51,100,000	$10,220,000	$ 40,880,000
13539	229	22.7501	Kingsville	Drainage Master Plan - Location 8	2	43%	$700,000	$0	$700,000	$301,000	$ 399,000
13705	230	22.7209	Kilgore	Drainage Master Plan	2	13%	$575,000	$0	$575,000	$74,750	$ 500,250
13718	231	22.6934	Mission	Mission Drainage System	2*	23%	$100,000,000	$0	$100,000,000	$23,000,000	$ 77,000,000
13660	232	22.5941	Diana SUD	Wastewater Treatment System Improvements	2	9%	$1,200,000	$0	$1,200,000	$108,000	$ 1,092,000
13677	233	22.5368	Grand Saline	Drainage Infrastructure Improvements	2	55%	$1,000,000	$0	$1,000,000	$550,000	$ 450,000
13788	234	21.8120	El Paso County	El Paso Hills Basin Repair and Stream 4 Basin (SOC1_SOC2)	2	49%	$4,650,000	$0	$4,650,000	$2,278,500	$ 2,371,500
13706	235	20.9790	Los Fresnos	Drainage Master Plan & Drainage Improvements	2	25%	$1,674,200	$0	$1,674,200	$418,550	$ 1,255,650
13712	236	20.9498	Mercedes	Collier Park Stormwater Pump Station	2	34%	$400,000	$0	$400,000	$136,000	$ 264,000
13715	237	20.9498	Mercedes	FEMA Dome Stormwater Pump Station	2	34%	$500,000	$0	$500,000	$170,000	$ 330,000
13714	238	20.9498	Mercedes	Union Pacific R.R. Regional Detention Facility	2	34%	$750,000	$0	$750,000	$255,000	$ 495,000
13822	239	20.9498	Weslaco	Mayor Pablo Peña Regional Detention Facility	2	25%	$4,900,000	$0	$4,900,000	$1,225,000	$ 3,675,000
13768	240	20.9056	Waco	Barron's Branch Buyouts	2	44%	$3,103,875	$0	$3,103,875	$1,365,705	$ 1,738,170
13761	241	20.8394	Taylor	City of Taylor Drainage Mitigation Projects	2	15%	$3,635,840	$0	$3,635,840	$545,376	$ 3,090,464
13766	242	20.8223	Waco	Chapel Road Regional Detention Facility	2	0%	$4,600,000	$0	$4,600,000	$0	$ 4,600,000
13632	243	20.7620	Angleton	Angleton Drainage Improvements	2	0%	$5,796,000	$0	$5,796,000	$0	$ 5,796,000
13558	244	20.7338	Pleasanton	Atascosa Flood Prevention Project	2*	0%	$93,500	$0	$93,500	$0	$ 93,500
13730	245	20.7020	Pasadena	Golden Acres WWTP	2	5%	$10,044,100	$0	$10,044,100	$502,205	$ 9,541,895
13741	246	20.5525	San Marcos	Castle Forest Drainage Improvements	2	35%	$1,600,000	$0	$1,600,000	$560,000	$ 1,040,000
13703	247	20.4967	Jefferson County Drainage District #7	Rodair Pump Station	2	5%	$92,500,000	$0	$92,500,000	$4,625,000	$ 87,875,000
13813	248	20.4414	Comal County Master WID	River Road Low Water Crossing Improvement	2	0%	$7,000,000	$0	$7,000,000	$0	$ 7,000,000
13812	249	20.4414	Comal County Master WID	Veramendi Regional Stormwater Detention Facility	2	0%	$8,013,640	$0	$8,013,640	$0	$ 8,013,640
13681	250	20.4374	Guadalupe Blanco RA	Lake McQueeney Spillgate Replacement and Dam Armoring	2*	0%	$40,000,000	$0	$40,000,000	$0	$ 40,000,000
13680	251	20.4374	Guadalupe Blanco RA	Lake Placid Spillgate Replacement & Dam Armoring	2*	0%	$40,000,000	$0	$40,000,000	$0	$ 40,000,000
13701	252	20.3916	Jefferson County	Elevating Flooded Houses	2	0%	$1,000,000	$0	$1,000,000	$0	$ 1,000,000
13549	253	20.2650	Fort Bend County	Project Brazos	2	0%	$363,500,000	$274,000,000	$89,500,000	$0	$ 89,500,000
13671	254	20.1559	Fort Bend County Levee Improvement District #2	Thelen Pump Station Increased Capacity	2	0%	$5,367,313	$0	$5,367,313	$0	$ 5,367,313
13676	255	20.1433	Frisco	Trails Golf Course Grade Control	2	0%	$840,000	$0	$840,000	$0	$ 840,000
13544	256	20.1433	Celina	Legacy Drive Bridge	2	0%	$5,111,698	$0	$5,111,698	$0	$ 5,111,698
13710	257	18.7453	Marshall	Parker Creek Detention Pond	2	35%	$3,159,000	$0	$3,159,000	$1,105,650	$ 2,053,350
13735	258	17.7670	Richardson	West Fork Cottonwood Creek Watershed Study	2	0%	$300,000	$0	$300,000	$0	$ 300,000
13529	259	16.8570	Garland	Stream 2C5 Channel Improvements	2	13%	$14,687,000	$0	$14,687,000	$1,909,310	$ 12,777,690
13713	260	15.9498	Mercedes	Northeastern Stormwater Detention Facility	2	34%	$1,800,000	$0	$1,800,000	$612,000	$ 1,188,000
13783	261	15.8754	Cameron County	La Feria Irrigation District FM 107 Drainage Improvements	2	29%	$8,102,600	$0	$8,102,600	$2,349,754	$ 5,752,846
13678	262	15.7670	Greenville	North Airport Retention Pond	2	25%	$3,500,000	$0	$3,500,000	$875,000	$ 2,625,000
13692	263	15.5074	New Braunfels	Landa Park Aquatics Center Parking Lot – Green Stormwater Infrastructure Retrofit	2	0%	$675,086	$0	$675,086	$0	$ 675,086
13682	264	15.4620	Hays County	Hays County Community Flood Mitigation	3	0%	$595,087	$0	$595,087	$0	$ 595,087
13574	265	15.3700	Sugar Land	Covington West and Imperial Woods Drainage Improvements	2	0%	$3,000,000	$0	$3,000,000	$0	$ 3,000,000
13786	266	14.8191	El Paso	Flow Path 39A Detention	2	29%	$8,771,100	$0	$8,771,100	$2,543,619	$ 6,227,481
13524	267	13.3465	Alamo Heights	Broadway Street Flood Mitigation	2	0%	$30,550,500	$0	$30,550,500	$0	$ 30,550,500
13778	268	13.0515	Highland Park	Wycliffe Avenue Improvements	3	0%	$9,500,000	$104,000	$9,396,000	$0	$ 9,396,000
13790	269	11.7797	El Paso County	Flow Path Number 42 (CAN1)	2	9%	$1,960,000	$0	$1,960,000	$176,400	$ 1,783,600
13520	270	10.8176	Helotes	Parragin Road Drainage Improvements	2	3%	$423,000	$0	$423,000	$12,690	$ 410,310
13739	271	10.7864	San Marcos	Wallace Addition Offsite Drainage Improvements	2	35%	$5,800,000	$0	$5,800,000	$2,030,000	$ 3,770,000
13792	272	9.7790	Irving	West Irving Creek Channel Improvements	2	14%	$90,000,000	$0	$90,000,000	$12,600,000	$ 77,400,000
13767	273	8.9382	Waco	Sharondale Drainage Improvements	2	50%	$3,261,910	$0	$3,261,910	$1,630,955	$ 1,630,955
13737	274	8.8223	Robinson	North McLendon Drive Buyouts	2	10%	$599,430	$0	$599,430	$59,943	$ 539,487
13736	275	8.8223	Robinson	Woodcock Drive Buyouts	2	10%	$1,764,000	$0	$1,764,000	$176,400	$ 1,587,600
13641	276	8.5406	Arlington	Bonneville/Greenbrook Drainage Improvements	2	11%	$5,200,000	$0	$5,200,000	$572,000	$ 4,628,000
13642	277	8.5406	Arlington	California Lane Drainage Improvements	2	3%	$9,000,000	$0	$9,000,000	$270,000	$ 8,730,000
13643	278	8.5406	Arlington	Harvest Hills Channel and Drainage Improvements	2	5%	$14,000,000	$0	$14,000,000	$700,000	$ 13,300,000
13644	279	8.5406	Arlington	Randol Mill (Cooper to Collins)	2	33%	$19,900,000	$0	$19,900,000	$6,567,000	$ 13,333,000
13645	280	8.5406	Arlington	Stream CC2 Drainage Improvements	2	5%	$4,000,000	$0	$4,000,000	$200,000	$ 3,800,000
13733	281	5.7670	Richardson	Cottonwood Creek Headwaters Drainage Improvements	2	0%	$15,870,000	$0	$15,870,000	$0	$ 15,870,000
13734	282	5.7670	Richardson	N. Plano Road Culvert Improvements at Huffhines Creek	2	0%	$2,350,000	$0	$2,350,000	$0	$ 2,350,000
13646	283	5.5406	Arlington	VC(A)-1 Drainage and Erosion Improvements	2	5%	$4,000,000	$0	$4,000,000	$200,000	$ 3,800,000
13657	284	0.7670	Dallas	Modified Dallas Floodway (3)	3	40%	$383,900,000	$222,900,000	$161,000,000	$64,400,000	$ 96,600,000
13658	285	0.7670	Dallas	Modified Dallas Floodway Extension	2	15%	$16,672,250	$0	$16,672,250	$2,500,838	$ 14,171,413

Notes:

[1] As determined by the TWDB, subject to revision upon further review. An asterisk next to a project's Category number indicates a change from the Category indicated on the abridged application.

[2] As determined by the TWDB, subject to revision upon further review. Census data provided by the applicant was substituted with TWDB calculations as necessary.

[3] Additional "other" sources may be subtracted from the Total Eligible FIF Amount as appropriate upon further review.

[4] The maximum grant amount per project is $23,100,000