

2019 Disasters Infrastructure Competition Awards

Texas GLO 2019 Disasters Recovery Funds:

The Texas General Land Office (GLO) is administering \$227,510,000 million in Community Development Block Grant Disaster Recovery (CDBG-DR) funds from the U.S. Department of Housing and Urban Development (HUD) for long-term disaster recovery from 2019 flooding in the Lower Rio Grande Valley and Tropical Storm Imelda in Southeast Texas. The GLO allocated \$61,430,000 million in disaster recovery funds for infrastructure projects to provide disaster relief, long-term recovery, and restoration of infrastructure for local communities. The GLO announced the opening of the application for eligible counties and cities on March 15, 2022, and applications closed on August 1, 2022. Each applicant was eligible to submit a total of two applications. All activities had to contribute to the long-term recovery and restoration of infrastructure. The GLO recognizes that as part of a comprehensive long-term recovery program, the repair and enhancements of local infrastructure are crucial components. Infrastructure activities are vital not only for the long-term recovery and restoration of housing but for the long-term recovery and viability of communities.

City of Beaumont drainage improvements - \$1,000,000

This project will increase the capacity of roadside ditches by channel regrading, expanding culverts with new pipes of increased size, and excavating a new outfall channel connecting directly to Jefferson County Drainage District No. 6 ditch. Construction will include excavating channels, removing and replacing pipes, installing storm pipes, and reshaping ditches.

Cameron County drainage improvements - \$1,000,000

The Adams Garden Drainage Project will improve the flow of floodwaters into the International Boundary & Water Commission (I.B.W.C.) Floodway Channel. The Adams Garden Drainage Project will provide a secondary outfall for floodwaters affecting western Cameron County.

The project includes the following activities:

- Construct concrete box culverts to be cast in place at the levee
- Replace and improve culverts
- Install a gate well and construct two headwalls

Chambers County bayou improvement project - \$1,000,000

The Mayhaw Bayou Improvement Project will address the erosion of the outfall ditch on Chestnut Street by hardening the slopes and bottom with armoring. The project will harden Chestnut Street slopes and the bottom of the outfall ditch, and armor with articulated concrete blocks.

City of China road improvements - \$1,000,000

This project will provide for the rehabilitation of South Broadway roadway starting at the intersection of U.S. Highway 90 and continuing to Wilson Street. The improvements shall consist of a full depth repair including reworking the base for a solid foundation followed by a final surface of asphalt.

Combes lift station improvements - \$1,000,000

During the 2019 storm and flood event, the City of Combes' lift stations experienced excess flow due to inflow and infiltration of the existing sanitary sewer system manholes along with power failures. With no

functioning lift stations during these conditions, the system exceeded its capacity and resulted in wastewater surging to the adjacent properties. The project will install a generator at eight lift stations and build a permanent concrete footing for each generator and install transfer switches.

Daisetta street improvements - \$1,000,000

Streets throughout the city were damaged as a result of standing floodwaters. The city will reconstruct streets damaged by Tropical Storm Imelda to remove a threat to public health and safety. The project will implement the storm water pollution prevention plan to reconstruct streets.

Hidalgo County lateral expansion project phase 2 - \$1,000,000

Due to the threat to public health and safety from recurring flood events, the project will provide regional stormwater management to the City of Palmview by enhancing the city's primary drainage outfall. Hidalgo County and Hidalgo County Drainage District No. 1 (HCDD1) will upgrade the four crossings of the Palmview Lateral from North Abram Road to East Minnesota Road.

The project includes the following activities:

- Remove and install reinforced concrete pipe, adjust utilities, regrade ditches and restore pavement on FM 492, Gracie Lane, East Goodwin Road and Minnesota Road

La Feria drainage improvements - \$1,000,000

The drainage improvements will help the City of La Feria withstand future flooding events and continue to recover after the 2019 Floods event. Construction activities include installing reinforced concrete pipe and rehabilitating existing storm drainage structures.

Laguna Vista drainage improvements - \$985,024.00

The Town of Laguna Vista will perform flood and drainage improvements in the Palm Blvd Area Neighborhood. Construction activities include installing reinforced concrete pipe, installing precast concrete storm area drain, and reconstructing driveway pavement.

La Villa drainage improvements - \$1,000,000

The City of La Villa East Lateral Northern Weir project will expand the HCDD1 Johnston Tract Drain 1446 connection from East Lateral to Delta Pond increasing the capacity of the East Lateral Northern Weir Project. Construction activities include expanding the East Lateral Northern Weir as well as channel improvements north of Mile 18 N.

La Villa drainage improvements project #2 - \$1,000,000

Flooding as a result of the storm damaged the streets, sewer and water systems. This project will improve drainage around the city. The project includes the following activities:

- Install reinforced concrete pipe
- Install inlets
- Excavate streets and install flex-base, pavement and curb and gutter
- Land Acquisition

Liberty infrastructure improvements - \$1,000,000

The project will provide for water and sewer line improvements located within the eastern side of the city along Beaumont Road, Minglewood Road, Glenn Street and Tanner Street to reduce overflow concerns for residents and businesses along the streets.

The project will make improvements to sewer lines and water lines and remove and replace existing lift stations with gravity sanitary sewer lines.

Mercedes drainage improvements - \$1,000,000

The goal of the project drainage improvements is to properly divert water to the floodway and prevent flooding, thereby allowing for safe access to the Emergency Dome Shelter. The project will install storm sewer pipe, excavate detention pond and drainage ditches, and install manholes.

Mission drainage improvements - \$999,162.14

The project will expand existing stormwater drainage laterals in the Astroland area of the Mission, Texas. The existing drainage lines will be upsized with reinforced concrete pipes. Additionally, there will be improvements on 10 storm sewer manholes. The project will upsize the drainage line and improve manholes along the following:

- Lomita Avenue between Delmar Drive and Bahia Street
- Along Del Mar Drive between Lomita Avenue and Mission Elementary School
- Along Citriana Drive between South Francisco Avenue and Francisco Avenue
- Along South Francisco Avenue between Citrana Drive and Bahia Street

Nome wastewater treatment plant improvements - \$1,000,000

The City of Nome will construct mechanical fine screens at the wastewater treatment plant (WWTP) headworks and build a permanent chlorine disinfection system at the end of the WWTP process. The proposed mechanical fine screens will reduce the WWTP influents total suspended solids (TSS). The proposed chlorine disinfection system will provide the proper disinfection of effluent flows leaving the WWTP. Both improvements will provide a more stable and efficient WWTP process that will operate during rainfall events.

The project includes the following activities:

- Purchase and install rotating drum screens
- Install an emergency power generator
- Construct a concrete chlorine contact basin

Old River-Winfree drainage improvements - \$1,000,000

The project will enhance the existing roadway infrastructure and drainage systems for the City of Old-River Winfree. The project consists of repairing roads and storm drainage swales along Indian Ridge Drive, Woodland Lane, Shady Lane, the intersection of Shady Lane and Blackberry Lane, and the cul-de-sac at the end of Blackberry Ln.

The project includes the following activities:

- Demolish and repave roadway
- Rehabilitate storm and sewer swale
- Excavate roadside storm ditch
- Construct storm culvert
- Provide trench safety

Orange sewer system improvements - \$1,000,000

The city will repair sanitary sewer lines to reduce inflow and infiltration in Sunset Park Subdivision. In some areas of the neighborhood, water lines must be relocated to access sanitary sewer collection lines. The proposed improvements will remove the threat posed to public health and safety. The project will rehabilitate sanitary sewer lines, install manholes, install water lines, and install fire hydrants.

Orange County drainage improvements - \$1,000,000

The county will reshape and concrete line drainage channels to improve facilities that failed to adequately divert water from streets and residences in Kinard Estates Subdivision and were damaged during Tropical Storm Imelda. The project activities will include excavating, grading, and concrete lining of drainage channels.

Orange County street improvements - \$1,000,000

Streets throughout the County were damaged as a result of standing floodwaters during Tropical Storm Imelda. As water saturated the base of streets, structural damages were compounded by heavy vehicle traffic during rescues and debris removal. Roadside ditches and culverts in many of these locations were also damaged, causing bottlenecks in drainage that result in flooding during periods of small precipitation. The county will repair and reconstruct roadside ditches and outfalls to remove a threat to public health and safety. The project includes the following activities at Tulane Road, Avenue C, Albert Drive, and Stanton Drive:

- Grade roadside ditches
- Obtain Right-of-Way acquisition
- Replace culvert
- Repair driveways
- Repair road crossings

Palmview drainage improvements - \$606,985.55

The project will provide regional stormwater management to the City of Palmview by enhancing the city's primary drainage outfall. The project will provide drainage improvements by installing storm grate inlets within the existing drainage ditch along Moorefield Road augmenting its ability to safely manage stormwater in the City of Palmview and surrounding communities.

The project includes the following activities:

- Install storm grate inlets
- Improve drainage ditches
- Install storm drainpipe
- Install manholes
- Install hook-up for a mobile stormwater pump

Pasadena wastewater treatment plant improvements - \$1,000,000

The project will repair and rehabilitate the existing Vince Bayou Wastewater Treatment Plant.

The project includes the following activities:

- Demolish, remove and install a new headworks screen
- Improve electricals and reintegrate SCADA with the new headworks screen
- Replace slide gates
- Remove and replace concrete

Pine Forest drainage improvements - \$1,000,000

In the wake of Tropical Storm Imelda, streets throughout the City of Pine Forest were damaged because of standing floodwaters. Roadside ditches and culverts in many of these locations were also damaged, causing bottlenecks in drainage that result in flooding during periods of small precipitation. The City of Pine Forest will make improvements to Kilmer Drive and Hullet Road. The will improve roadside ditches, outfalls, and streets.

Pine Forest water system improvements - \$1,000,000

The city will construct a municipal water treatment plant to ensure a dependable source of water is available to residents who did not have water service during Tropical Storm Imelda. The project will install a ground storage tank, pressure tank, high service pump station, and water well.

Pinehurst sewer system improvements - \$1,000,000

Due to the threat to public health and safety from recurring flood events, the project will reconstruct the City of Pinehurst's sanitary sewer lines to reduce inflow and infiltration. The exposure to water during Tropical Storm Imelda caused hydrogen sulfide in the sewer to combine with water and oxygen to form sulfuric acid leading to corrosion of the lines. The project will rehabilitate sanitary sewer lines, replace manholes, and construct new manholes.

Pinehurst lift station improvements - \$1,000,000

During Tropical Storm Imelda, the City of Pinehurst received between 15 and 18 inches of rainfall. Lift stations that are not currently elevated above base flood elevation (BFE) were damaged and failed to maintain flow of sewage to the wastewater treatment plant. This influx of groundwater resulted in disruptions to service, an inability to flush toilets, environmental hazards and other threats to public health and safety. This project will rehabilitate and harden lift stations throughout the city.

The project includes the following activities:

- Dal Sasso Lift Station: Reconstruct and elevate critical components
- Warbler Lift Station: Remove and discard existing wet well, replace electrical components and elevate critical components
- Broad St. Lift Station: Replace lift station and elevate critical components
- Hwy 90 Lift Station: Elevate critical components
- 33rd St. Lift Station: Reconstruct and elevate building, replace electrical components, and elevate critical components
- 34th St. Lift Station: Install new electrical equipment, elevate generator, reconstruct building to accommodate generator, and replace fencing

Plum Grove drainage improvements - \$1,000,000

Tropical Storm Imelda released an unprecedented 3-day total rainfall amount of 28 inches. The significant rainfall during a short timeframe limited the city ability to provide an immediate response due to the inundation of flood water. As a result, this project will provide much-needed drainage improvements within Orange Branch Creek which is located in the middle of the city and runs from the Northeast down to the Southeast. The project will install culverts and restore roads.

Port Arthur manholes replacement - \$990,000

The project will demolish and dispose of brick manholes and replace them with concrete manholes in various parts of the city.

Port Arthur emergency access route - \$990,000

With these funds the city of Port Arthur will create an emergency access route for evacuation and transportation during emergency situations. Construction will include rehabilitating a one mile stretch of 9th Avenue between 36th Street and Evergreen Drive above the 100-year flood water surface elevation, installing sanitary sewer pipes, manholes, and water pipes and assembling a fire hydrant.

Port Isabel drainage improvements - \$1,000,000

This project will provide storm drainage relief for the southern section of the Laguna Heights Community located in the city of Port Isabel. This section of the city currently has rural type streets with roadside ditches to provide storm drainage. The lack of effective drainage causes water to build up as there is no way to properly convey the water away from the affected homes and businesses. Improvements will provide drainage along the Pennsylvania Street area from the intersection of Pennsylvania Avenue and Roy Avenue to the intersection of Pennsylvania Avenue and Lincoln Avenue. Construction will include:

- Resurface Pennsylvania Avenue and include new concrete curbs and gutters
- Install new drainage pipe connections at the intersections of Washington Avenue, Roy Avenue, Jefferson Avenue, Buchanan Avenue, Garfield Avenue and Lincoln Avenue
- Install curb inlets

Primera sewer system improvements - \$1,000,000

During the 2019 flood, septic systems in the area overflowed and leach fields were unable to discharge effluent water into the overly saturated soil, causing the systems to fail. The sanitary sewer line extensions will remove a potential threat to public safety by reducing the possibility of sewage overflows and soil contamination from onsite septic tanks and will improve the disposal of sanitary sewage in this low to moderate income area. The sanitary sewer lines will be installed on Carver Road, Rio Bravo Circle, Rio Panuco Avenue, Del Rio Circle, El Paso Circle, and Rio Grande Circle.

Raymondville drainage improvements - \$1,000,000

This drainage project enhances the stormwater drainage system on the northwest side of the city of Raymondville and diminishes the impact of storms while preventing flood damage to homes, businesses, critical facilities, and infrastructure. The project will remove existing concrete drainage pipes, install reinforced concrete pipe, replace inlets, install drainage inlets, as well as the following road improvements:

- Remove existing pavement on Fourth Street from San Francisco Avenue to Canal Avenue
- Reconstruct Sonora Avenue from Fourth Street to Fifth Street
- Regrade Sonora Avenue and Durango Avenue from Third Street to Fourth Street

Raymondville drainage improvement project #2 - \$1,000,000

Due to the endangerment of public health and safety resulting from the 2019 flood disaster, the city of Raymondville will make enhancements to its stormwater drainage system on the southwest side of town to better handle and withstand a severe flooding event. The new trunk line and drainage facilities will help to drain a large residential area more efficiently to significantly mitigate street and residential flooding. The improvements will diminish the impact of storms and assist in preventing flood damage to homes, businesses, critical facilities, and infrastructure and increase the community's ability to respond to future events. The project will remove existing asphalt pavement, install reinforced concrete pipe, junction boxes and inlets, and rehabilitate and reconstruct roads along Fourth Street.

Rio Hondo drainage improvements - \$1,000,000

With these funds the city of Rio Hondo will increase the overall capacity of stormwater management in the area of Catherine Avenue by installing curb inlets, junction boxes, pipes, and curbs and gutters as well as widening roadway pavements.

San Jacinto County drainage improvements - \$1,000,000

The Lee Turner Road drainage improvements will address damages from the 2019 disasters and includes drainage improvements and soil stabilization along Lee Turner Road in Precinct 3 near the south side of

San Jacinto County. Construct will include reconstructing portions of Lee Turner Road, installing new culverts, and grading roadside ditches.

Santa Rosa drainage improvements - \$995,484.05

With these funds the city of Santa Rosa will expand ditches, install box culverts, install inlets, and expand and repair the existing road along Maria A Ovalle Avenue to reduce standing floodwaters.

Santa Rosa drainage improvements project #2 - \$1,000,000

The southwest ditch drainage improvements project will expand an existing drainage ditch located at the beginning at Santa Cruz Avenue and ending at Jesus Avila Avenue. This project will also expand a second existing ditch from Jesus Avila Avenue to Maria A Ovalle Avenue. The project will expand the existing drainage ditch, install box culverts and install concrete headwalls.

Splendora lift station drainage improvements - \$596,625.00

Imelda flooding submerged the Pinewood Lift Station site, as well as its emergency generator and electrical switchgear located at the northern intersection of Pinewood Drive and First Street. Loss of both primary and emergency back-up power led to a sanitary sewer overflow at Pinewood lift station. Vehicular access, including emergency vehicle access, was not possible because of the depth of flooding in the area. This project includes drainage and generator improvements at the Pinewood Lift Station.

Construction will include the following activities:

- Regrade ditch and install double headwalls
- Install reinforced concrete pipe culverts under First Street with road restoration and ditch regrading
- Install new natural gas generator and automatic transfer switch
- Install an elevated metal platform, staircase and skid for generator

Vidor road improvements - \$1,000,000

The City of Vidor received over two feet of rainfall during Tropical Storm Imelda. Streets were submerged for several days, causing structural damages to the base. Reconstruction of the street will remove the current threat to public health and safety. With these funds Vidor will reconstruct Archie Street, remove and replace concrete pavement, and regrade ditches.

Vidor road improvements project #2 - \$1,000,000

The city will reconstruct Orange Street that suffered structural damages caused by flooding during Tropical Storm Imelda. Reconstruction of the street, removing and replacing concrete pavement, and regrading ditches will remove the current threat to public health and safety posed by uneven, crumbling streets.

West Orange drainage improvements - \$1,000,000

The city will make improvements to the two watersheds emptying into Adams Bayou to reduce flooding throughout the city by reshaping and stabilizing ditches and channels.

West Orange street improvements - \$1,000,000

The city will reconstruct streets that suffered structural damage caused by flooding during Tropical Storm Imelda. The project will reconstruct Dayton Street, Bradford Street and Crabtree Street and replace concrete and asphalt pavement.

Willacy drainage improvements - \$1,000,000

Willacy County will improve drainage in San Perlita as the current detention was overwhelmed during the flooding events of 2019. The project includes the following activities:

- Acquisition of 4.2 acres of land
- Expand existing drainage ditch
- Install concrete canastas
- Install headwall at North Raymondville Drain (lateral) outfall
- Install reinforced concrete pipe

Willacy drainage improvements project #2 - \$1,000,000

Willacy County will improve drainage to the current detention pond area in Sebastian CDP by means of capacity expansion as it was quickly overwhelmed during the flooding events of 2019. The project will benefit the entire colonia of Sebastian as the proposed expansion aims to capture runoff that flows from the agricultural land through the townsite during severe rainfall events and mitigate the runoff to allow the townsite to properly drain during storm events. The project provides for the acquisition of 9.3 acres of land to expand the existing drainage easement and expanding the detention pond.

Woodloch drainage improvements - \$1,000,000

This project will rehabilitate the town of Woodloch's existing roadway at the northeast corner of North Woodloch Street and will also improve the drainage structure located there by installing reinforced concrete pipe and rehabilitating the roadway.

Applicant	Project Title	County	Award Amount
Deep East Texas Council of Governments (DETCOG)			
San Jacinto County	Lee Turner Road Drainage Improvements	San Jacinto	\$ 1,000,000.00
Houston-Galveston Area Council (HGAC)			
Chambers County	Mayhaw Bayou Improvement Project	Chambers	\$ 1,000,000.00
Old River-Winfree	Old River-Winfree Road Repair and Drainage Improvement Project	Chambers	\$ 1,000,000.00
Pasadena	City of Pasadena 2019 WWTP Project	Harris	\$ 1,000,000.00
Daisetta	Citywide Street Improvements	Liberty	\$ 1,000,000.00
Liberty	Minglewood Infrastructure Improvements	Liberty	\$ 1,000,000.00
Plum Grove	City of Plum Grove Orange Branch Creek Drainage	Liberty	\$ 1,000,000.00
Splendora	Pinewood Lift Station Generator & Drainage Improvements	Montgomery	\$ 596,625.00
Woodloch	North Woodloch Street Drainage Improvements	Montgomery	\$ 1,000,000.00
Lower Rio Grande Valley Development Council (LRGVDC)			
Cameron County	Cameron County Adams Garden Drainage Project	Cameron	\$ 1,000,000.00
Combes	City of Combes Sewer System Lift Station Improvements (2019)	Cameron	\$ 1,000,000.00
La Feria	City of La Feria Drainage Improvements (Install 60" RCP)	Cameron	\$ 1,000,000.00
Laguna Vista	Town of Laguna Vista Drainage Improvements, Palm Blvd Area	Cameron	\$ 975,174.00
Port Isabel	Pennsylvania Avenue Drainage Improvements	Cameron	\$ 1,000,000.00
Primera	City of Primera Sewer System Improvements (2019)	Cameron	\$ 1,000,000.00
Rio Hondo	City of Rio Hondo Catherine Drainage Project	Cameron	\$ 1,000,000.00
Santa Rosa	Ovalle Lateral Drainage Improvements	Cameron	\$ 995,484.05
Santa Rosa	South West Ditch Drainage Improvements	Cameron	\$ 991,195.60
Hidalgo County	Palmview Lateral Expansion Project - Phase 2	Hidalgo	\$ 1,000,000.00
La Villa	Delta Drainage Project - City of La Villa East Lateral Northern Weir	Hidalgo	\$ 1,000,000.00
La Villa	La Villa 2019 Flooding Drainage Project	Hidalgo	\$ 1,000,000.00
Mercedes	Drainage Improvements Near the Mercedes Emergency Dome Shelter	Hidalgo	\$ 1,000,000.00
Mission	City of Mission Astroland Drainage Project (2019)	Hidalgo	\$ 999,162.14
Palmview	City of Palmview Ramirez Drainage Project	Hidalgo	\$ 606,985.55
Raymondville	City of Raymondville North Drainage System Improvements	Willacy	\$ 1,000,000.00
Raymondville	City of Raymondville South Drainage System Improvements	Willacy	\$ 1,000,000.00
Willacy County	Willacy County San Perlita Drainage System Improvements	Willacy	\$ 1,000,000.00
Willacy County	Willacy County Sebastian Drainage System Improvements	Willacy	\$ 1,000,000.00
South East Texas Regional Planning Commission (SETRPC)			

Beaumont	Laura Addition Drainage Improvements	Jefferson	\$ 1,000,000.00
China	South Broadway Road Improvements Project	Jefferson	\$ 1,000,000.00
Nome	Nome Wastewater Treatment Plant Improvements	Jefferson	\$ 1,000,000.00
Port Arthur	City of Port Arthur - Brick Manholes Replacement	Jefferson	\$ 990,000.00
Port Arthur	City of Port Arthur - 9th Avenue Emergency Access Route	Jefferson	\$ 990,000.00
Orange	Sewer System Improvements	Orange	\$ 1,000,000.00
Orange County	Kinard Estates	Orange	\$ 1,000,000.00
Orange County	Street Improvements	Orange	\$ 1,000,000.00
Pine Forest	Streets/Flood and Drainage Improvements	Orange	\$ 1,000,000.00
Pine Forest	Water System Improvements	Orange	\$ 1,000,000.00
Pinehurst	Sewer System Improvements	Orange	\$ 1,000,000.00
Pinehurst	Lift Station Improvements	Orange	\$ 1,000,000.00
Vidor	Archie Street	Orange	\$ 1,000,000.00
Vidor	Orange Street	Orange	\$ 1,000,000.00
West Orange	Flood and Drainage Improvements	Orange	\$ 1,000,000.00
West Orange	Street Improvements	Orange	\$ 1,000,000.00
TOTAL			\$ 43,144,626.34