

PA-06-TX-4223-PW-00682(0) P	
Applicant Name:	Application Title:
WILLIAMSON (COUNTY)	WIL006C - CR 177 Low Water Crossing Damages
Period of Performance Start:	Period of Performance End:
05-29-2015	11-29-2016

Subgrant Application - Entire Application

Application Title: [WIL006C - CR 177 Low Water Crossing Damages](#)

Application Number: [PA-06-TX-4223-PW-00682\(0\)](#)

Application Type: [Subgrant Application \(PW\)](#)

Preparer Information

Prefix
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Is the application preparer the Point of Contact? No

Point of Contact Information

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Middle Initial
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Address 2
City Georgetown
State TX
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 Middle Initial
 Last Name Thomas
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 Agency/Organization Williamson County
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 Address 2
 City Georgetown
 State TX
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Project Description

Disaster Number: 4223
 Pre-Application Number: PA-06-TX-4223-RPA-0134
 Applicant ID: 491-99491-00
 Applicant Name: WILLIAMSON (COUNTY)
 Subdivision:
 Project Number: WIL006C
 Standard Project Number/Title: 307 - Stream Crossing Approach Road Washout
 Please Indicate the Project Type: Neither Alternate nor Improved
 Application Title: WIL006C - CR 177 Low Water Crossing Damages
 Category: C.ROADS & BRIDGES
 Percentage Work Completed? 0.0 %
 As of Date: 09-29-2015

Comments						
Attachments						
User	Date	Document Type	Description	Hard Copy File Reference	File Name	Action
PATRICK MCFADDEN	10-26-2015	Map	Aerial Photo	Aerial Photo	Aerial Photo.jpg (674.13 kb)	View

Damage Facilities (Part 1 of 2)

Facility Name	Address	County	City	State	ZIP	Action
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Facility
NumberSite
Previously
Damaged?

1 CR 177 - Low Water Crossing (LWC) County Road 177 at the Brushy Creek Crossing Williamson Leander TX 78641 No

Comments						
Attachments						
User	Date	Document Type	Description	Hard Copy File Reference	File Name	Action
PATRICK MCFADDEN	10-26-2015	Map	Aerial Photo Wide	Aerial Photo Wide	Aerial Photo Wide.jpg (743.27 kb)	View
PATRICK MCFADDEN	10-26-2015	Map	Aerial Photo Close	Aerial Photo Close	Aerial Photo Close.jpg (674.13 kb)	View
PATRICK MCFADDEN	10-26-2015	Drawings/Sketches	CR 177 Site Inspection Notes Sketch	CR 177 Site Inspection Notes Sketch	CR 177 Site Inspection Notes Sketch.pdf(41.30 kb)	View
PATRICK MCFADDEN	10-26-2015	Photos	Culvert on Down Stream Side looking North	LWC CR 177 Culvert on Down Stream Side looking North	LWC CR 177 Culvert on Down Stream Side looking North.jpg (100.70 kb)	View
PATRICK MCFADDEN	10-26-2015	Photos	Up Stream View including Roadway Surface looking Southeast	LWC CR 177 Up Stream View including Roadway Surface looking Southeast	LWC CR 177 Up Stream View including Roadway Surface looking Southeast.jpg (104.47 kb)	View
PATRICK MCFADDEN	10-26-2015	Photos	Down Stream View including Roadway Surface looking Northeast	LWC CR 177 Down Stream View including Roadway Surface looking Northeast	LWC CR 177 Down Stream View including Roadway Surface looking Northeast.jpg (128.61 kb)	View
PATRICK MCFADDEN	10-26-2015	Photos	Down Stream View including Roadway Surface West	LWC CR 177 Down Stream View including Roadway Surface West	LWC CR 177 Down Stream View including Roadway Surface West.jpg(109.49 kb)	View

Facility Name:	CR 177 - Low Water Crossing (LWC)
Address 1:	County Road 177 at the Brushy Creek Crossing
Address 2:	
County:	Williamson
City:	Leander
State:	TX
ZIP:	78641
Was this site previously damaged?	No
Percentage Work Completed?	0.00 %

Location:	PA-06-TX-4223-PW-00682(0): County Road 177 at the Brushy Creek Crossing, (1,970) feet southwest of the Intersection of County Roads 175 and 176/177.
Damage Description and Dimensions:	PA-06-TX-4223-PW-00682(0): Due to the heavy continuous rains and subsequent flooding as a result of the Incident Storm, the Incident Period of May 4 to June 22, 2015, the Applicant, Williamson County, sustained damages to facilities throughout its jurisdiction, including this single lane, (12) foot wide Low Water Crossing (LWC) Facility over Brushy Creek in Leander, Texas, on CR-177 (GPS: 30.57384, -97.78989), of a size, shape and materials of approximately (12) foot wide by (70) foot long concrete structure. The LWC was in fairly good condition: however, as constructed it spans over a creek with a single (30) inch "Pipe-Arch" CMP culvert, and side walls of (8) inch by (24) inch high concrete wall on concrete footings. The road surface consists of a concrete slab which rests on the top of the concrete sidewalls and compacted base materials. The water level during normal flows is approximately (24) inches below the road way surface. The Incident Storm flooding caused a large flow of excessive storm water to run over and under roadway surface that undermined the LWC by creating: 1). an approximate (20.5) foot long across the LWC wide of (12) foot by (6) inch high or (123) cubic feet or (4.6) cubic yard gap under the LWC footings of the sidewalls and under the road surface width. It should be noted that the top roadway surface of the LWC appears to have sustained no storm related damages. *****End of Damage Description and Dimensions*****
Scope of Work:	PA-06-TX-4223-PW-00682(0): Work Completed to Restore the Facility to Pre-Storm Condition: None. Work to be Completed to Restore the Facility to Pre-Storm Condition: Prepare the Low Water Crossing (LWC) Facility as required the site for repairs: cleaning the site area of damaged materials including displaced soil; installing warning signs, etc.: 1). Install (4.6) cubic yards of concrete mix pressure-pumped into the underside of this LWC to re-support the system and seal the LWC from additional under-structure erosion; Clean the site area of all construction materials. The work required includes: 1). Mobilization/Demobilization: (3) categories: a). (2) each for (3) ton capacity towed trailer: (2) at \$ 221.80 = \$ 443.60; b). (2) each for (20) ton capacity towed trailer: (2) at \$ 618.50 = \$ 1,237.00; c). (2) each small equipment: (2) at \$ 141.78 = \$ 283.56. 2). Detour Signage: a). (4) each reflective aluminum: (4) at \$ 18.67 = \$ 74.68; 3). Barricades: a). (2) each, wooden, (6) foot by (8) foot: (2) at \$ 445.45 = \$

890.90;

4). Excavation:

a). (4) bulk cubic yards: (4) at \$ 18.53 = \$ 74.61;

5). Structural Concrete:

a). (4.60) cubic yards, (4,000) PSI: (4.6) at \$643.15 = \$2,958.49.

Total Costs for Work to be Completed: = \$ 5,962.84.

Refer to the attached spreadsheet: "CR 177 LWC Cost Estimate Spreadsheet".

*****Scope of Work*****

-- PROJECT NOTE: Based on the FEMA site inspection, FEMA has determined that the damage appears to be eligible for reimbursement of the repairs.

-- DIRECT ADMINISTRATIVE COSTS: The subgrantee requested Direct Administrative Costs (DAC) that are directly chargeable to this project. Associated eligible work is related administration of the PA project only and in accordance with 2 CFR 200.413. These costs are treated consistently and uniformly as direct costs in all federal awards and other subgrantee activities and are not included in any approved indirect cost rates.

-- PROCUREMENT: The Applicant was advised by FEMA PAC and/or Project Specialist that in the seeking of proposals and letting of contracts for eligible work, the Applicant must comply with its Local, State and/or Federal procurement laws, regulations, and procedures as required by 2 CFR 317-326.

-- RECORD RETENTION: As described in 2 CFR 200.33 Subgrantee must maintain all work-related records for a period of three (3) years from Subgrantee closure (final payment), all records relative this project worksheet are subject to examination and audit by the State, FEMA and the Comptroller General of the United States and must reflect work related to disaster specific costs.

-- PERMITS: Federal Funding is contingent upon acquiring all necessary Federal, State and Local permits. Noncompliance with this requirement may jeopardize the receipt of federal funds. The applicant is responsible for obtaining all required permits prior to the commencement of work.

-- ENVIRONMENTAL AND HISTORIC PRESERVATION: Applicant must comply with all applicable environmental and historic preservation laws. Federal funding is contingent upon acquiring all necessary Federal, State and Local permits. Noncompliance with this requirement may jeopardize the receipt of federal funds.

-- CHANGES TO SCOPE OF WORK DESCRIBED IN THIS PW/SA (SUBGRANT APPLICATION): The applicant shall comply with all applicable codes and standards in the completion of eligible work to repair or replace damaged public facilities. Any change to the approved scope of work on a Project Worksheet (PW/SA) must be reported and approved before work begins. Failure to report changes may jeopardize Federal and State funding. In the case of a change in scope of work, the applicant should immediately notify Wendell Allen, Section Administrator, Texas Department of Emergency Management prior to starting work.

-- INSURANCE REVIEW: The applicant is aware that all projects are subject to an insurance review as stated in 44 C.F.R. Sections 206.252

and 206.253. If applicable, an insurance determination will be made either as anticipated proceeds or actual proceeds in accordance with the applicant's insurance policy which may affect the total amount of the project. Approval of this project may result in an obtain/maintain insurance requirement. The Subgrantee must comply with insurance reviewer terms and conditions upon receipt of sub-grant from the State.

-- COST BASIS FOR LABOR, EQUIPMENT AND MATERIALS: Costs used to formulate this project were based on:

- RS Means cost estimating guide with local costs as factors

-- AUDIT STATEMENT: All documentation related to this project worksheet is subject to audit and must reflect disaster – related work and project – specific cost. The applicant has been advised of responsibility to maintain supporting documentation (records). The type of records to be maintained is specified in FEMA policy 2 CFR Subpart F, Audit Requirements. Records must be maintained for three 3 years from the date the last project was completed or from the date final payment was received, whichever is later.

-- 75% FEDERAL FUNDING: In accordance with FEMA policy 9523.9 and current disaster declaration determinations, this project worksheet will be funded with the Federal Cost share at 75% of all eligible costs.

-- By accepting this grant the Applicant to the best of their ability acknowledges that all damages described within this Sub-grant Application and all associated costs being claimed were a direct result of the declared event, and in connection with the incident period of 05/04/2015 through 06/22/2015 with the exception of requests for alternate or improved projects.

-- WORK TO BE COMPLETED: Upon completion, this site will be returned to its original design, function, and capacity within the original footprint. Acquiring all necessary Federal, State, and local permits is required for Federal Funding. Noncompliance with this requirement may jeopardize the receipt of Federal funds

-- SMALL PROJECTS, ANY CATAGORY: For small projects FEMA pays based on the actual or estimated cost in order to expedite the funds (Digest pg. 121.) FEMA does not perform final inspections on small projects; however, the state must certify compliance. The applicant does have the ability to request a small project netting (appeal) if/when significant net small over-runs occur. This process will involve a review of all documentation for all small projects and an adjustment will be made for the total actual eligible dollars spent (over-run/under-run). A final Project Worksheet will then be required in EMMIE to capture all the eligible PA costs for the small projects.

-- SMALL PROJECT CHANGE REQUEST: Change requests to small project worksheets will not be approved unless there is a change in the approved scope of work. This change must be approved prior to the construction. If after completion of all small projects the applicant incurs a significant net small project overrun, the applicant must file an appeal within 60 day of completion of the applicant's last small project. All requests must be submitted through the grantee.

Hazard Mitigation Proposal

* Is effective mitigation feasible on this site?		No
If you answered Yes to the above question, the next question is required		
Will mitigation be performed on this site?		No
If you answered Yes to the above question, the next question is required		
Do you wish to attach a Hazard Mitigation Proposal?		No
If you answered Yes to the above question, the next two questions are required		
Please provide the Scope of Work for the estimate: (maximum 4000 characters)		
Would you like to add the Hazard Mitigation Proposal as a cost line item to the project cost?		No
GIS Coordinates		
Project Location	Latitude	Longitude
CR 177 at Brushy Creek Crossing	30.57384	-97.78989

Special Considerations

1. Does the damaged facility or item of work have insurance coverage and/or is it an insurable risk (e.g., buildings, equipment, vehicles, etc)? Unsure
2. Is the damaged facility located within a floodplain or coastal high hazard area and/or does it have an impact on a floodplain or wetland? Yes

If you would like to make any comments, please enter them below.

(maximum 4000 characters)

Flood Zone 'X', with small portion of the roadway surface in Flood Zone 'A', see FM48491C0250E, and Williamson - San Gabriel Ranch Road - Flood Map.

3. Is the damaged facility or item of work located within or adjacent to a Coastal Barrier Resource System Unit or an Otherwise Protected Area? Yes

If you would like to make any comments, please enter them below.

(maximum 4000 characters)

While within a residential area, just to the east and southeast is a heavily wooded area and the Lackey Creek

4. Will the proposed facility repairs/reconstruction change the pre-disaster conditions (e.g., footprint, material, location, capacity, use of function)? No

If you would like to make any comments, please enter them below.

(maximum 4000 characters)

The proposed repairs will restore to the original design conditions.

5. Does the applicant have a hazard mitigation proposal or would the applicant like technical assistance for a hazard mitigation proposal? Yes

If you would like to make any comments, please enter them below.

(maximum 4000 characters)

The Northeast side of the embankment received the most severe wash-out, extending the damages in a northerly direction approximately (26) feet. The HMP is to provide Rip-Rap stone embankment protection to avoid this major wash-out from excessive storm water from other areas of the surrounding properties. Also, a second area of HMP is the face of the embankment: in lieu of top soil and seeding, it is proposed to install a concrete slab.

6. Is the damaged facility on the National Register of Historic Places or the state historic listing? No
Is it older than 50 years? Are there more, similar buildings near the site?

7. Are there any pristine or undisturbed areas on, or near, the project site? Are there large tracts of forestland? Yes

If you would like to make any comments, please enter them below.

(maximum 4000 characters)

While within a residential area, just to the east and southeast is a heavily wooded area and the Lackey Creek

8. Are there any hazardous materials at or adjacent to the damaged facility and/or item of work? No

9. Are there any other environmental or controversial issues associated with the damaged facility and/or item of work? No

Attachments						
User	Date	Document Type	Description	Hard Copy File Reference	File Name	Action
PATRICK MCFADDEN	10-26-2015	Floodplain	FM48491C0460E	FM48491C0460E	FM48491C0460E.pdf (151.33 kb)	View

For Category C, D, E, F, and G Projects only

Is effective mitigation feasible on this project? No

If you answered **Yes** to the above question, the next question is required

Will mitigation be performed on any sites in this project? No

If you answered **Yes** to the above question, the next question is required

Do you wish to attach a Hazard Mitigation Proposal? No

If you answered **Yes** to the above question, the next two questions are requiredPlease provide the Scope of Work
for the estimate:Would you like to add the Hazard Mitigation
Proposal as a cost line item to the project cost? No

Comments
Attachments

Cost Estimate

Is this Project Worksheet for	
-------------------------------	--

(Preferred) Repair									
Sequence	Code	Material and/or Description	Unit Quantity	Unit of Measure	Unit Price	Subgrant Budget Class	Type	Cost Estimate	Action
*** Version 0 ***									
Work Completed									
1	9999	NONE	1	LS	\$ 0.00	CONSTRUCTION	Work Completed	\$ 0.00	
Work To Be Completed									
2	9999	Repairs Required to Restore to Pre-Storm Condition	1	LS	\$ 5,962.84	CONSTRUCTION	Work To Be Completed	\$ 5,962.84	
Direct Subgrantee Admin Cost									

3	9901	Direct Administrative Costs (Subgrantee)	1	LS	\$ 841.49	INDIRECT CHARGES	Direct Subgrantee Admin Cost	\$ 841.49	
								Total Cost : \$ 6,804.33	

Insurance Adjustments (Deductibles, Proceeds and Settlements) - 5900/5901									
Sequence	Code	Material and/or Description	Unit Quantity	Unit of Measure	Unit Price	Subgrant Budget Class	Type	Cost Estimate	Action
								Total Cost : \$ 0.00	

		Total Cost Estimate: (Preferred Estimate Type + Insurance Adjustments)	\$ 6,804.33
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Comments						
Attachments						
User	Date	Document Type	Description	Hard Copy File Reference	File Name	Action
PATRICK MCFADDEN	10-26-2015	Calculation Sheet	Cost Estimate Spreadsheet	CR 177 LWC Cost Estimate Spreadsheet	CR 177 LWC Cost Estimate Spreadsheet.pdf(130.44 kb)	View
PATRICK MCFADDEN	10-26-2015	Additional Information	DAC Information TX 4223 DR	DAC Information TX 4223 DR	DAC Information TX 4223 DR.pdf(53.20 kb)	View
L WALLACE	01-04-2016	Miscellaneous	DAC Worksheet		WIL006C - DAC Worksheet.pdf(86.15 kb)	View

Existing Insurance Information

Insurance Type	Policy No.	Bldg/Property Amount	Content Amount	Insurance Amount	Deductible Amount	Years Required
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Required Insurance Information

Insurance Type	Policy No.	Bldg/Property Amount	Content Amount	Insurance Amount	Deductible Amount	Years Required
Flood	Not required this PW		\$ 0.00	\$ 0.00	\$ 0.00	0

Comments						
Attachments						

Comments and Attachments

Name of Section	Comment	Attachment
Project Description	Aerial Photo.jpg (10-26-2015)	
Damage Facilities		

Comments and Attachments

[Aerial Photo Wide.jpg](#) (10-26-2015)[Aerial Photo Close.jpg](#) (10-26-2015)[CR 177 Site Inspection Notes Sketch.pdf](#) (10-26-2015)[LWC CR 177 Culvert on Down Stream Side looking North.jpg](#) (10-26-2015)[LWC CR 177 Up Stream View including Roadway Surface looking Southeast.jpg](#) (10-26-2015)[LWC CR 177 Down Stream View including Roadway Surface looking Northeast.jpg](#) (10-26-2015)[LWC CR 177 Down Stream View including Roadway Surface West.jpg](#) (10-26-2015)

Special Considerations

[FM48491C0460E.pdf](#) (10-26-2015)[CR 177 LWC Cost Estimate Spreadsheet.pdf](#) (10-26-2015)

Cost Estimate

[DAC Information TX 4223 DR.pdf](#) (10-26-2015)[WIL006C - DAC Worksheet.pdf](#) (01-04-2016)

Form 90-91

[Signed 90-91 Williamson \(County\) PW682.pdf](#) (02-01-2016)

Bundle Reference # (Amendment #)	Date Awarded
PA-06-TX-4223-PW-00682(886)	01-26-2016

Subgrant Application - FEMA Form 90-91**Note:** The Effective Cost Share for this application is 75%

FEDERAL EMERGENCY MANAGEMENT AGENCY

PROJECT WORKSHEET

DISASTER		PROJECT NO.		PA ID NO.	DATE	CATEGORY
FEMA	4223 - DR -TX	WIL006C		491-99491-00	11-23-2015	C
APPLICANT: WILLIAMSON (COUNTY)					WORK COMPLETE AS OF: 09-29-2015 : 0 %	
Site 1 of 1						
DAMAGED FACILITY: CR 177 - Low Water Crossing (LWC)					COUNTY: Williamson	
LOCATION: PA-06-TX-4223-PW-00682(0): County Road 177 at the Brushy Creek Crossing, (1,970) feet southwest of the Intersection of County Roads 175 and 176/177. Current Version:					LATITUDE: 30.57384	LONGITUDE: -97.78989
DAMAGE DESCRIPTION AND DIMENSIONS: PA-06-TX-4223-PW-00682(0):						

Due to the heavy continuous rains and subsequent flooding as a result of the Incident Storm, the Incident Period of May 4 to June 22, 2015, the Applicant, Williamson County, sustained damages to facilities throughout its jurisdiction, including this single lane, (12) foot wide Low Water Crossing (LWC) Facility over Brushy Creek in Leander, Texas, on CR-177 (GPS: 30.57384, -97.78989), of a size, shape and materials of approximately (12) foot wide by (70) foot long concrete structure.

The LWC was in fairly good condition: however, as constructed it spans over a creek with a single (30) inch "Pipe-Arch" CMP culvert, and side walls of (8) inch by (24) inch high concrete wall on concrete footings. The road surface consists of a concrete slab which rests on the top of the concrete sidewalls and compacted base materials. The water level during normal flows is approximately (24) inches below the road way surface.

The Incident Storm flooding caused a large flow of excessive storm water to run over and under roadway surface that undermined the LWC by creating:

- 1). an approximate (20.5) foot long across the LWC wide of (12) foot by (6) inch high or (123) cubic feet or (4.6) cubic yard gap under the LWC footings of the sidewalls and under the road surface width.

It should be noted that the top roadway surface of the LWC appears to have sustained no storm related damages.

*****End of Damage Description and Dimensions*****

Current Version:

SCOPE OF WORK:

PA-06-TX-4223-PW-00682(0):

Work Completed to Restore the Facility to Pre-Storm Condition: None.

Work to be Completed to Restore the Facility to Pre-Storm Condition:

Prepare the Low Water Crossing (LWC) Facility as required the site for repairs: cleaning the site area of damaged materials including displaced soil; installing warning signs, etc.:

- 1). Install (4.6) cubic yards of concrete mix pressure-pumped into the underside of this LWC to re-support the system and seal the LWC from additional under-structure erosion;
Clean the site area of all construction materials.

The work required includes:

- 1). Mobilization/Demobilization: (3) categories:
 - a). (2) each for (3) ton capacity towed trailer: (2) at \$ 221.80 = \$ 443.60;
 - b). (2) each for (20) ton capacity towed trailer: (2) at \$ 618.50 = \$ 1,237.00;
 - c). (2) each small equipment: (2) at \$ 141.78 = \$ 283.56.
- 2). Detour Signage:
 - a). (4) each reflective aluminum: (4) at \$ 18.67 = \$ 74.68;
- 3). Barricades:
 - a). (2) each, wooden, (6) foot by (8) foot: (2) at \$ 445.45 = \$ 890.90;
- 4). Excavation:
 - a). (4) bulk cubic yards: (4) at \$ 18.53 = \$ 74.61;
- 5). Structural Concrete:
 - a). (4.60) cubic yards, (4,000) PSI: (4.6) at \$643.15 = \$2,958.49.

Total Costs for Work to be Completed: = \$ 5,962.84.

Refer to the attached spreadsheet: "CR 177 LWC Cost Estimate Spreadsheet".

*****Scope of Work*****

-- PROJECT NOTE: Based on the FEMA site inspection, FEMA has determined that the damage appears to be eligible for reimbursement of the repairs.

-- DIRECT ADMINISTRATIVE COSTS: The subgrantee requested Direct Administrative Costs (DAC) that are directly chargeable to this project. Associated eligible work is related administration of the PA project only and in accordance with 2 CFR 200.413. These costs are treated consistently and uniformly as direct costs in all federal awards and other subgrantee activities and are not included in any approved indirect cost rates.

-- PROCUREMENT: The Applicant was advised by FEMA PAC and/or Project Specialist that in the seeking of proposals and letting of contracts for eligible work, the Applicant must comply with its Local, State and/or Federal procurement laws, regulations, and procedures as required by 2 CFR 317-326.

-- RECORD RETENTION: As described in 2 CFR 200.33 Subgrantee must maintain all work-related records for a period of three (3) years from Subgrantee closure (final payment), all records relative this project worksheet are subject to examination and audit by the State, FEMA and the Comptroller General of the United States and must reflect work related to disaster specific costs.

-- PERMITS: Federal Funding is contingent upon acquiring all necessary Federal, State and Local permits. Noncompliance with this requirement may jeopardize the receipt of federal funds. The applicant is responsible for obtaining all required permits prior to the commencement of work.

-- ENVIRONMENTAL AND HISTORIC PRESERVATION: Applicant must comply with all applicable environmental and historic preservation laws. Federal funding is contingent upon acquiring all necessary Federal, State and Local permits. Noncompliance with this requirement may jeopardize the receipt of federal funds.

-- CHANGES TO SCOPE OF WORK DESCRIBED IN THIS PW/SA (SUBGRANT APPLICATION): The applicant shall comply with all applicable codes and standards in the completion of eligible work to repair or replace damaged public facilities. Any change to the approved scope of work on a Project Worksheet (PW/SA) must be reported and approved before work begins. Failure to report changes may

jeopardize Federal and State funding. In the case of a change in scope of work, the applicant should immediately notify Wendell Allen, Section Administrator, Texas Department of Emergency Management prior to starting work.

-- INSURANCE REVIEW: The applicant is aware that all projects are subject to an insurance review as stated in 44 C.F.R. Sections 206.252 and 206.253. If applicable, an insurance determination will be made either as anticipated proceeds or actual proceeds in accordance with the applicant's insurance policy which may affect the total amount of the project. Approval of this project may result in an obtain/maintain insurance requirement. The Subgrantee must comply with insurance reviewer terms and conditions upon receipt of sub-grant from the State.

-- COST BASIS FOR LABOR, EQUIPMENT AND MATERIALS: Costs used to formulate this project were based on:
- RS Means cost estimating guide with local costs as factors

-- AUDIT STATEMENT: All documentation related to this project worksheet is subject to audit and must reflect disaster – related work and project – specific cost. The applicant has been advised of responsibility to maintain supporting documentation (records). The type of records to be maintained is specified in FEMA policy 2 CFR Subpart F, Audit Requirements. Records must be maintained for three 3 years from the date the last project was completed or from the date final payment was received, whichever is later.

-- 75% FEDERAL FUNDING: In accordance with FEMA policy 9523.9 and current disaster declaration determinations, this project worksheet will be funded with the Federal Cost share at 75% of all eligible costs.

-- By accepting this grant the Applicant to the best of their ability acknowledges that all damages described within this Sub-grant Application and all associated costs being claimed were a direct result of the declared event, and in connection with the incident period of 05/04/2015 through 06/22/2015 with the exception of requests for alternate or improved projects.

-- WORK TO BE COMPLETED: Upon completion, this site will be returned to its original design, function, and capacity within the original footprint. Acquiring all necessary Federal, State, and local permits is required for Federal Funding. Noncompliance with this requirement may jeopardize the receipt of Federal funds

-- SMALL PROJECTS, ANY CATEGORY: For small projects FEMA pays based on the actual or estimated cost in order to expedite the funds (Digest pg. 121.) FEMA does not perform final inspections on small projects; however, the state must certify compliance. The applicant does have the ability to request a small project netting (appeal) if/when significant net small over-runs occur. This process will involve a review of all documentation for all small projects and an adjustment will be made for the total actual eligible dollars spent (over-run/under-run). A final Project Worksheet will then be required in EMMIE to capture all the eligible PA costs for the small projects.

-- SMALL PROJECT CHANGE REQUEST: Change requests to small project worksheets will not be approved unless there is a change in the approved scope of work. This change must be approved prior to the construction. If after completion of all small projects the applicant incurs a significant net small project overrun, the applicant must file an appeal within 60 day of completion of the applicant's last small project. All requests must be submitted through the grantee.

Current Version:

Does the Scope of Work change the pre-disaster conditions at the site? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Special Considerations included? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Hazard Mitigation proposal included? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Is there insurance coverage on this facility? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
PROJECT COST					
ITEM	CODE	NARRATIVE	QUANTITY/UNIT	UNIT PRICE	COST
		*** Version 0 ***			
		Work Completed			
1	9999	NONE	1/LS	\$ 0.00	\$ 0.00
		Work To Be Completed			
2	9999	Repairs Required to Restore to Pre-Storm Condition	1/LS	\$ 5,962.84	\$ 5,962.84
		Direct Subgrantee Admin Cost			
3	9901	Direct Administrative Costs (Subgrantee)	1/LS	\$ 841.49	\$ 841.49
				TOTAL COST	\$ 6,804.33
PREPARED BY PATRICK J MCFADDEN			TITLE Technical Specialist		SIGNATURE
APPLICANT REP. Dan Gattis			TITLE County Judge		SIGNATURE

WILLIAMSON (COUNTY) : PA-06-TX-4223-PW-00682					
Conditions Information					
Review Name	Condition Type	Condition Name	Description	Monitored	Status
Final Review	Other (EHP)	Executive Order 11988 - Floodplains	Applicant must coordinate with the local floodplain administrator and obtain required permits prior to initiating work. All coordination pertaining to these activities and applicant compliance with any conditions should be documented and copies forwarded to the state and FEMA for inclusion in the permanent project files.	No	Approved
Final Review	Other (EHP)	Standard Condition #3	If ground disturbing activities occur during construction, applicant will monitor ground disturbance and if any potential archeological resources are discovered, will immediately cease construction in that area and notify the State and FEMA.	No	Approved
Final Review	Other (EHP)	Standard Condition #2	This review does not address all federal, state and local requirements. Acceptance of federal funding requires recipient to comply with all federal, state and local laws. Failure to obtain all appropriate federal, state and local environmental permits and clearances may jeopardize federal funding.	No	Approved
Final Review	Other (EHP)	Standard Condition #1	Any change to the approved scope of work will require re-evaluation for compliance with NEPA and other Laws and Executive Orders.	No	Approved
Final Review	Other (EHP)	Executive Order 11988 - Floodplains	Construction materials, debris, equipment, and personnel will encroach upon the floodway. The applicant must coordinate with the local floodplain administrator and obtain required permits prior to initiating work. All coordination pertaining to these activities and applicant compliance with any conditions should be documented and copies forwarded to the state and FEMA for inclusion in the permanent project files.	No	Approved
Final Review	Other (EHP)		BEST MANAGEMENT PRACTICE CONDITION: As	No	Approved

WILLIAMSON (COUNTY) : PA-06-TX-4223-PW-00682					
Conditions Information					
		Executive Order 11988 - Floodplains	per 44 CFR 9.11 (d) (9), mitigation or minimization standards must be applied where possible. The applicant shall ensure that best management practices are implemented to minimize effects to and from the floodway. This includes equipment storage and staging outside the floodway, daily debris removal, appropriate flood warning and preparedness plans, and adequate access and egress from the project site. As per 44 CFR 9.6, this project is to be reviewed for the implementation and post-implementation phases of the proposed action to ensure that the requirements stated in Part 9.11 are fully implemented.		
EHP Review	Other (EHP)	Standard Condition #3	If ground disturbing activities occur during construction, applicant will monitor ground disturbance and if any potential archeological resources are discovered, will immediately cease construction in that area and notify the State and FEMA.	No	Recommended
EHP Review	Other (EHP)	Standard Condition #2	This review does not address all federal, state and local requirements. Acceptance of federal funding requires recipient to comply with all federal, state and local laws. Failure to obtain all appropriate federal, state and local environmental permits and clearances may jeopardize federal funding.	No	Recommended
EHP Review	Other (EHP)	Standard Condition #1	Any change to the approved scope of work will require re-evaluation for compliance with NEPA and other Laws and Executive Orders.	No	Recommended
EHP Review	Other (EHP)	Executive Order 11988 - Floodplains	Construction materials, debris, equipment, and personnel will encroach upon the floodway. The applicant must coordinate with the local floodplain administrator and obtain required permits prior to initiating work. All coordination	No	Recommended

WILLIAMSON (COUNTY) : PA-06-TX-4223-PW-00682					
Conditions Information					
			pertaining to these activities and applicant compliance with any conditions should be documented and copies forwarded to the state and FEMA for inclusion in the permanent project files.		
EHP Review	Other (EHP)	Executive Order 11988 - Floodplains	BEST MANAGEMENT PRACTICE CONDITION: As per 44 CFR 9.11 (d) (9), mitigation or minimization standards must be applied where possible. The applicant shall ensure that best management practices are implemented to minimize effects to and from the floodway. This includes equipment storage and staging outside the floodway, daily debris removal, appropriate flood warning and preparedness plans, and adequate access and egress from the project site. As per 44 CFR 9.6, this project is to be reviewed for the implementation and post-implementation phases of the proposed action to ensure that the requirements stated in Part 9.11 are fully implemented.	No	Recommended
EHP Review	Other (EHP)	Executive Order 11988 - Floodplains	Applicant must coordinate with the local floodplain administrator and obtain required permits prior to initiating work. All coordination pertaining to these activities and applicant compliance with any conditions should be documented and copies forwarded to the state and FEMA for inclusion in the permanent project files.	No	Recommended
Insurance Review	Conditions (Grant Specific)	S.A.ction 312 Duplicatio of benefits	No duplication of benefits from insurance is anticipated for this Sub-Grant Application (PW). In the event any part or all of the PW eligible costs are paid by insurance proceeds then a duplication of benefits from insurance will occur. The Applicant must notify grantee and FEMA of such recoveries and the Sub-Grant amount must be reduced by actual	Yes	Recommended

WILLIAMSON (COUNTY) : PA-06-TX-4223-PW-00682					
Conditions Information					
			insurance proceeds. Brian W. Bartley, CFM – 11/24/2015		

Internal Comments				
No.	Queue	User	Date/Time	Reviewer Comments
16	Award Review	RENFRO GARY	01-26-2016 01:29 PM GMT	Obligate 36 PWs for DR4223TX for qtr 2 spend plan. gary renfro 1/26/16
15	Final Review	RENFRO GARY	01-23-2016 03:48 PM GMT	I agree with the reviews, ready to obligate. gary renfro 1/23/16
14	EHP Review	BOWEN BERT	01-05-2016 08:27 PM GMT	<p>Williamson County, Category C, 0.0% work completed, CR 177 Brushy Creek Crossing. (30.57384, -97.78989). To return site to Pre-disaster conditions, Applicant will prepare the Low Water Crossing (LWC) facility as required for repairs, clean the site area of damaged materials including displaced soil; install warning signs, etc. Also, they will install 4.6 cubic yards of concrete mix pressure-pumped into the underside of this LWC to re-support the system and seal the LWC from additional under-structure erosion. No mitigation is proposed with this project.</p> <p>This project has been determined to be Statutorily Excluded from NEPA review in accordance with 44 CFR Part 10.8 (c). Particular attention should be given to the project conditions before and during project implementation. Failure to comply with these conditions may jeopardize federal assistance including funding. - sdaneshf - 11/25/2015 20:13:14 GMT</p> <p>***COMMENT ABOVE IS VOID AND NO LONGER APPLICABLE***</p> <p>- dblack15 - 01/05/2016 20:13:49 GMT</p> <p>Williamson (County), WIL006C- CR 177 Low Water Crossing Damages, category C.</p> <p>This project is to return CR 177 Brushy Creek Crossing (30.57384, -97.78989) to Pre-disaster conditions and function. Applicant will prepare the Low Water Crossing (LWC) facility as required for repairs, clean the site area of damaged materials including displaced soil; install warning signs, etc. Also, they will install 4.6 cubic yards of concrete mix pressure-pumped into the underside of this LWC to re-support the system and seal the LWC from additional under-structure erosion.</p> <p>No mitigation is proposed with this project</p>

Internal Comments				
No.	Queue	User	Date/Time	Reviewer Comments
				<p>This project has been determined to be Categorically Excluded from the need to prepare either an Environmental Impact Statement or Environmental Assessment in accordance with 44 CFR Part 10.8(d)(2)(xv). Particular attention should be given to the project conditions before and during project implementation. Failure to comply with these conditions may jeopardize federal assistance including funding.</p> <p>- dblack15 - 01/05/2016 20:25:20 GMT The applicant is responsible for coordinating with and obtaining any required Section 404 Permit(s) from the United States Army Corps of Engineers (USACE) and/or any Section 401/402 Permit(s) from the State prior to initiating work. The applicant must comply with all conditions of the required permit(s). All coordination pertaining to these activities should be documented and copies forwarded to the State and FEMA as part of the permanent project files. - dblack15 - 01/04/2016 19:27:22 GMT A review of the National Wetland Inventory (NWI) online mapper, accessed on November 25, 2015, for the site indicates that the area is not located within nor does it affect a designated wetland. - sdaneshf - 11/25/2015 20:38:50 GMT - The scope of work for this project does not require U.S. Fish and Wildlife Services (USFWS) consultation per FEMA/USFWS disaster consultation letter dated August 7, 2015. - sdaneshf - 11/25/2015 20:30:49 GMT Pressure injection of concrete under LWC should be reviewed as codes and standards (xv) not as a statex. The project is located within an "AE" zone, area of 100-yr flooding, per Flood Insurance Rate Map (FIRM) panel 5962.84, dated 1/4/2015. Initial Disaster Public Notice was published on 7/20/2015. The proposed action is not likely to result in any potential direct impacts that will adversely affect the natural values and function of floodplains nor is it likely to increase the risk of flood loss. - nbooth - 01/04/2016 21:27:29 GMT The scope of work has been reviewed and meets the criteria in Appendix B - Programmatic Allowances, I.A.1.d., II.C.1.c. of FEMA's Programmatic Agreement (PA) dated September 11, 2014. In accordance with this PA, FEMA is not required to determine the National Register eligibility of properties where work performed meets the Appendix B criteria. - dblack15 - 11/25/2015 13:53:13 GMT</p>
13	Initial Review (EHP Rework)	BUCKLEY DAVID	01-04-2016 05:48 PM GMT	1/4/2016 - Recommend Eligible - D. Buckley
12	Initial Review (EHP Rework)	BUCKLEY DAVID	01-04-2016 05:39 PM GMT	12/14/2015 - Placed on hold pending DAC documentation support - D. Buckley
11	Initial Review (EHP Rework)	BUCKLEY DAVID	01-04-2016 05:17 PM GMT	12/14/2015 - Placed on hold pending DAC documentation support - D. Buckley
10	Initial Review (EHP Rework)	BUCKLEY DAVID	01-04-2016 04:41 PM GMT	12/14/2015 - Placed on hold pending DAC documentation support - D. Buckley

Internal Comments				
No.	Queue	User	Date/Time	Reviewer Comments
9	Initial Review (EHP Rework)	WALLACE L	01-04-2016 04:10 PM GMT	12/14/2015 - Placed on hold pending DAC documentation support - D. Buckley
8	Initial Review (EHP Rework)	WALLACE L	01-04-2016 03:56 PM GMT	12/14/2015 - Placed on hold pending DAC documentation support - D. Buckley
7	Initial Review (EHP Rework)	WALLACE L	01-04-2016 03:52 PM GMT	12/14/2015 - Placed on hold pending DAC documentation support - D. Buckley
6	Initial Review (EHP Rework)	BUCKLEY DAVID	01-04-2016 01:47 PM GMT	12/14/2015 - Placed on hold pending DAC documentation support - D. Buckley
5	Initial Review (EHP Rework)	BUCKLEY DAVID	01-04-2016 01:46 PM GMT	12/14/2015 - Placed on hold pending DAC documentation support - D. Buckley
4	Initial Review (EHP Rework)	BUCKLEY DAVID	12-14-2015 02:37 PM GMT	12/14/2015 - Placed on hold pending DAC documentation support - D. Buckley
3	Mitigation Review	BRANDON BERNARD	11-24-2015 09:16 PM GMT	Due to the type of damages, no mitigation measures were identified, proposed or implemented by the applicant during repairs. The site will be restored to pre-disaster condition. No mitigation will be funded under the RP-9526.1 for this PW. Bernard E Brandon, HM 406
2	Insurance Review	BARTLEY BRIAN	11-24-2015 02:52 PM GMT	Brian W Bartley, CFM – 11/24/2015, PA-06-TX-4223-PW-00682(0): The damaged facilities for this Sub Grant Application (PW) are all Roads. The Sub-Applicant: Williamson County has property insurance coverage through the Texas Association of Counties (TAC) which does not extend coverage to any roads in the covered property and locations schedules. The peril that caused the damage to these facilities is FLOOD; the damaged facilities as described do not meet the definition of insurable property for the National Flood Insurance Program (NFIP) nor are they typically insured by available commercial property insurance. Therefore there will be no requirement to Obtain and Maintain – NFIP Flood Insurance or other Flood Insurance under - 44 CFR 206.252(d) and S.A. Sec. 311. There are no anticipated insurance proceeds for the damaged facilities for this PW, therefore no offset has been applied under S.A. Sec. 312., Duplication of Benefits (42 U.S.C. 5155) (a). No duplication of benefits from insurance is anticipated for this Sub-Grant Application (PW). In the event any part or all of the PW eligible costs are paid by insurance proceeds then a duplication of benefits from insurance will occur. The Applicant must notify grantee and FEMA of such recoveries and the Sub-Grant amount must be reduced by actual insurance proceeds. Brian W. Bartley, CFM – 11/24/2015
1	Initial Review	BUCKLEY DAVID	11-23-2015 11:29 PM GMT	11/23/2015 - Recommend Eligible - D. Buckley

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