PA-06-TX-4223-PW-00681(0) P	
Applicant Name:	Application Title:
WILLIAMSON (COUNTY)	WIL005C - CR 403 - Welsh Street Bridge Damages
Period of Performance Start:	Period of Performance End:
05-29-2015	11-29-2016

# Subgrant Application - Entire Application

Application Title: WIL005C - CR 403 - Welsh Street Bridge Damages

**Application Number:** PA-06-TX-4223-PW-00681(0) **Application Type:** Subgrant Application (PW)

**Preparer Information** 

**Prefix** 

First Name PATRICK

Middle Initial J

Last Name MCFADDEN

Title Technical Specialist

Agency/Organization Name FEMA/DHS

Address 1 800 North Loop 288

Address 2

City Denton
State TX
Zip 76209

Email chris.walsh@fema.ghs.gov

Is the application preparer the Point of Contact? No

Point of Contact Information

**Prefix** 

First Name Dan

Middle Initial

Last Name Gattis

Title County Judge

Agency/Organization Williamson County

Address 1 710 Main Street. Suite 101

Address 2

City Georgetown

State TX ZIP 78626

12///2015

Phone 512-943-1577 Fax 512-943-1662

Email dgattis@wilco.org

Alternate Point of Contact Information

Prefix

First Name Jarred

Middle Initial

Last Name Thomas

Title Emergency Management Coordinator

Agency/Organization Williamson County

Address 1 710 Main Street. Suite 101

Address 2

City Georgetown

State TX ZIP 78626

Phone 512-864-8269 Fax 512-864-8227

Email jthomas@wilco.org

**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: WIL005C

Standard Project Number/Title: 307 - Stream Crossing Approach Road Washout

Please Indicate the Project Type: Neither Alternate nor Improved

Application Title: WIL005C - CR 403 - Welsh Street Bridge Damages

403

Category: C.ROADS & BRIDGES

Percentage Work Completed? 0.0 %

2015

As of Date: 09-29-2015

#### Comments

Attachments

**MCFADDEN** 

Attachments						
User	Date	Document Type	Description	Hard Copy File Reference	File Name	Action
PATRICK MCFADDEN	10-26- 2015	Мар	Aerial Photo CR 403 Wide View	Aerial Photo CR 403 Wide View	Aerial Photo CR 403 Wide View.jpg(697.60 kb)	<u>View</u>
PATRICK	10-26-	Мар	Aerial Photo CR	Aerial Photo CR	Aerial Photo CR	<u>View</u>

403

403 jpg(639.56 kb)

# Damage Facilities (Part 1 of 2)

Facility Number	Facility Name	Address	County	City	State	ZIP	Site Previously Action Damaged?
1	CR 403 Welsh Street Bridge Damages	CR 403 over Mustang Creek	Williamson	Taylor	TX	76574	No

Comments						
Attachments						
User	Date	Document Type	Description	Hard Copy File Reference	File Name	Action
PATRICK MCFADDEN	10- 26- 2015	Drawings/Sketches	Sketch of CR 403 Damages	Sketch of CR 403 Damages	Sketch of CR 403 Damages.pdf(283.67 kb)	View
PATRICK MCFADDEN	10- 26- 2015	Photos	View of Southearn Face of Bridge looking east	View of Southearn Face of Bridge looking east	View of Southearn Face of Bridge looking east.jpg(87.64 kb)	<u>View</u>
PATRICK MCFADDEN	10- 26- 2015	Photos	Apron Damages 01	Apron Damages 01	Apron Damages 01.jpg(93.34 kb)	<u>View</u>
PATRICK MCFADDEN	10- 26- 2015	Photos	Apron Damages 03	Apron Damages 03	Apron Damages 03.jpg(66.55 kb)	<u>View</u>
PATRICK MCFADDEN	10- 26- 2015	Photos	Roadway Damages	Roadway Damages	Roadway Damages.pdf(512.20 kb)	<u>View</u>
PATRICK MCFADDEN	10- 26- 2015	Photos	Roadway Shoulder and Guardrail Damage	Roadway Shoulder and Guardrail Damage	Roadway Shoulder and Guardrail Damage.pdf(596.87 kb)	<u>View</u>

CR 403 Welsh Street Bridge Damages
CR 403 over Mustang Creek
Williamson
Taylor
TX
76574
No
0.00 %
Bridge Crossing the Mustang Creek (900) physical feet from the intersection of US-79B - Business and FM-397. Traveling south on FM-397, go (1,090) feet past the Welsh Street overpass, turn right and travel (1,900) feet west to the site. Also, physically just (125) feet south from the Rail Road Bridge.

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 (2) lane, (36) foot wide by approximately (118) foot long Bridge Facility spanning approximately (95) feet over Mustang Creek in Taylor, Texas, on CR-403: Welsh Road (GPS: 30.56551, -97.43675).

The Bridge was in good condition, spanning over a creek with a concrete structure supported by concrete abutments which were protected by concrete slope-protection aprons. In addition, the approaches to both sides of this bridge were comprised of bituminous roadways and side-slopes which were provided with standard highway-approved metal guardrails to control vehicular traffic.

The Incident Storm flooding caused a large flow of water to run through the bridge structure and over roadway surface damaging:

- 1). Bituminous paving surface of the bridge approach on the northwest side of approximately
- (14) feet wide by (90) feet long or (1,260) square feet by (6) inches thick, or
  - (24) cubic yards was destroyed;
- 2). Guardrail and support system on the southwest side of the bridge approach

approximately (175) linear feet was destroyed:

- 3). Shoulder area adjacent to the southwest side guardrail of approximately (25) feet by (175) by (36) inches deep or (486.12) cubic yards of soil was washed away;
- 4). The apron surrounding the rectangular-shaped concrete abutment supporting the western side of the bridge

was undermined for approximately (5) feet plus (15) feet plus (45) feet plus (30) feet or

(95) linear feet by approximately (36) inches deep by (18) inches wide or approximately

(427.50) cubic feet or (16) cubic yards of soil being displaced; and

5). The apron surrounding the rectangular-shaped concrete abutment supporting the eastern side of the bridge

was undermined across the entire width of the support system causing the apron to separate

from the bridge abutment and the apron structure of approximately (13) linear feet wide by (13) linear feet plus (36) linear feet plus (13) linear feet or

(806) square feet, plus

(2) quarter-curved sections with radii of (13) feet or (266) square feet for a total of (1,072) square feet of (0.5) feet thick concrete or (19.85) cubic yards of concrete apron was effectively

destroyed.

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

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 site for repairs: cleaning the site area of damaged materials including concrete,

bituminous materials, metal guard rail system and displaced soil:

1). Remove and Replace bituminous paving surface of the bridge

### Damage Description and Dimensions:

approach on the northwest side of (24) cubic yards that was destroyed; 2). Remove and Replace guardrail and support system on the southwest side of the bridge approach (175) linear feet that was destroyed; 3). Restore the shoulder area adjacent to the southwest side guardrail with (486.12) cubic yards of soil that was washed away and made upof: - (25) feet by (175) feet by (2.5) feet deep of compacted soil (405.10) cubic yards; - (25) feet by (175) feet by (0.5( feet deep of top soil or (81.0 cubic yards; - (25) feet by (175) feet of reinforcing mesh or (486.11) squary yards; and - (25) feet by (175) feet of reinforcing mesh or (486.11) squary yards; and - (25) feet by (175) feet of reinforcing mesh or (486.11) squary yards; and - (25) feet by (175) feet of reinforcing mesh or (486.11) squary yards; and - (25) feet by (175) feet of reinforcing mesh or (486.11) squary yards; and - (25) feet by (175) feet of reinforcing mesh or (486.11) squary yards; and - (25) feet by (175) feet of reinforcing mesh or (486.11) squary yards; and - (25) feet by (175) feet of reinforcing mesh or (486.11) squary yards; and - (25) feet by (175) feet of reinforcing mesh or (486.11) squary yards; and - (25) feet by (175) feet of reinforcing mesh or (486.11) squary yards; and - (25) feet by (175) feet of reinforcing mesh or (486.11) squary yards; and - (25) feet by (175) feet of reinforcing mesh or (486.11) squary yards; and - (25) feet by (175)			g,			
(1,072) square feet of (0.5) inch thick or (19.85) cubic yards of concrete apron system that was destroyed; 6). Clean the site area of all construction materials.  *****End of Scope of Work*****  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?  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?  GIS Coordinates  Project Location  Latitude  Longitude	Scope of Work:	no 2). Remo side of the b (1) 3). Resto with (4) of: (405.10) cub cubic yards; yards; and feet. 4). Provio rectangular- that was wa 5). Remo	orthwest side of (24) cubic live and Replace guardrail a pridge approach (75) linear feet that was desire the shoulder area adjact (86.12) cubic yards of soil to a (25) feet by (175) feet by (175) feet by (25) feet by (175) feet by (25) feet by (175) feet of the (16) cubic yards of content (17) cubic yards of	stroyed; ent to the southwest side guardrail that was washed away and made up by (2.5) feet deep of compacted soil or by (0.5( feet deep of top soil or (81.02) of reinforcing mesh or (486.11) square of raking and seeding or (4,375) square compacted soil to restore the apron pporting the western side of the bridge ged rectangular-shaped concrete apron		
concrete apron system that was destroyed; 6). Clean the site area of all construction materials.  ******End of Scope of Work*****  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?  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?  GIS Coordinates  Project Location  Latitude  Longitude		with a new				
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?  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?  GIS Coordinates  Project Location Latitude Longitude		concrete ap	ron system that was destr	oyed;		
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?  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?  GIS Coordinates  Project Location  Latitude  Longitude		****End of	Scope of Work****			
If you answered Yes to the above question, the next question is required  Will mitigation be performed on this site?  If you answered Yes to the above question, the next question is required  Do you wish to attach a Hazard Mitigation Proposal?  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?  GIS Coordinates  Project Location  Latitude  Longitude		Hazard	Mitigation Proposal			
Will mitigation be performed on this site?  If you answered Yes to the above question, the next question is required  Do you wish to attach a Hazard Mitigation Proposal?  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?  GIS Coordinates  Project Location  Latitude  Longitude	* Is effective mitigation feasible on this	site?	No			
If you answered <b>Yes</b> to the above question, the next question is required  Do you wish to attach a Hazard Mitigation Proposal?  If you answered <b>Yes</b> 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?  GIS Coordinates  Project Location  Latitude  Longitude	If you answered Yes to the above ques	stion, the nex	kt question is required			
Do you wish to attach a Hazard Mitigation Proposal?  If you answered <b>Yes</b> 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?  GIS Coordinates  Project Location  Latitude  Longitude	Will mitigation be performed on this sit	e?	No			
Proposal?  If you answered <b>Yes</b> 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?  GIS Coordinates  Project Location  Latitude  Longitude	If you answered Yes to the above ques	stion, the nex	t question is 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?  GIS Coordinates  Project Location  Latitude  Longitude		tion	No			
Would you like to add the Hazard Mitigation Proposal as a cost line item to the project cost?  GIS Coordinates  Project Location  Latitude  Longitude	If you answered Yes to the above ques	stion, the nex	t two questions are require	ed		
Proposal as a cost line item to the project cost?  GIS Coordinates  Project Location  Latitude  Longitude	(maximum 4000 characters)					
Project Location Latitude Longitude			No			
·		G	S Coordinates			
CR 403 Bridge over Mustang Creek 30 56551 -97 43675	Project Location		Latitude	Longitude		
ON 400 Bridge over Mustaring Oreck 50.00001	CR 403 Bridge over Mustang Creek		30.56551	-97.43675		

### 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)?
- 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?

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

(maximum 4000 characters)

Flood Zone 'AE', see FM48491C0535E.

3.	Is the damaged facility or item of work located within or adjacent to a Coastal Barrier Resource	No
	System Unit or an Otherwise Protected Area?	110

4. Will the proposed facility repairs/reconstruction change the pre-disaster conditions (e.g., footprint, material, location, capacity, use of function)?

No

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

No

6. Is the damaged facility on the National Register of Historic Places or the state historic listing? Is it older than 50 years? Are there more, similar buildings near the site?

No

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

No

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	Flood Map: FM48491C0535E	FM48491C0535E	FM48491C0535E.pdf(127.59 kb)	<u>View</u>

### 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 required

Please 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	Туре	Cost Estimate	Action	
	*** Version 0 ***									
	Work Completed									

1	9999	NONE	1	LS	\$ 0.00		Work Completed	\$ 0.00		
Work To Be Completed										
2	<u>9999</u>	Repair Costs	1	LS	\$ 71,666.11	CONSTRUCTION	Work To Be Completed	\$ 71,666.11		
			D	irect Sub	grantee A	dmin Cost				
3	<u>9901</u>	Direct Administrative Costs (Subgrantee)	1	LS	\$ 850.00	INDIRECT CHARGES	Direct Subgrantee Admin Cost	\$ 850.00		
	Total Cost : \$ 72,516.11									

Insurance Adjustments (Deductibles, Proceeds and Settlements) - 5900/5901									
Sequence	Code	Material and/or Description	I I I I I I I I I I I I I I I I I I I						
							Total Cos	st: \$ 0.00	

Total Cost Estimate:
(Preferred Estimate Type + Insurance Adjustments)

\$ 72,516.11

Comments	Comments									
Attachments										
User	Date	Document Type	Description	Hard Copy File Reference	File Name	Action				
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)	<u>View</u>				
PATRICK MCFADDEN	10- 26- 2015	Calculation Sheet	DAC Worksheet - Estimated	DAC Worksheet - Estimated WIL005C CR 403	DAC Worksheet - Estimated WIL005C CR 403.pdf(50.62 kb)	<u>View</u>				
PATRICK MCFADDEN	10- 27- 2015	Calculation Sheet	Repair Estimates	CR403 Welsh St Bridge Repair	CR403 Welsh St Bridge Repair.pdf(14.91 kb)	<u>View</u>				

## **Existing Insurance Information**

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

Comments			
Attachments			

Comments and Attachments

Name of Section Comment Attachment

Project Description <u>Aerial Photo CR 403 Wide View.jpg</u>

Aerial Photo CR 403.jpg

Sketch of CR 403 Damages.pdf

View of Southearn Face of Bridge looking east.jpg

Damage Facilities

Apron Damages 01.jpg
Apron Damages 03.jpg

Roadway Damages.pdf

Roadway Shoulder and Guardrail Damage.pdf

Special Considerations <u>FM48491C0535E.pdf</u>

DAC Information TX 4223 DR.pdf

Cost Estimate DAC Worksheet - Estimated WIL005C CR 403.pdf

CR403 Welsh St Bridge Repair.pdf

Bundle Reference # (Amendment #)	Date Awarded

## 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	WIL005C	491-99491-00	11-23-2015		С	
APPLICANT: WILLIAMSON (COUNTY)  WORK COMPLETE AS O 09-29-2015 : 0 %						F:				
						Site 1 of 1	-			
DAMAGED FACILITY: CR 403 Welsh Street Bridge Damages							COUNTY: Williamson			
LOCATION:						LATITUDE: 30.56551	LONGITUDE: -97.43675			
Bridge Cro FM-397. T	Current Version: Bridge Crossing the Mustang Creek (900) physical feet from the intersection of US-79B - Business and FM-397. Traveling south on FM-397, go (1,090) feet past the Welsh Street overpass, turn right and trave (1,900) feet west to the site. Also, physically just (125) feet south from the Rail Road Bridge.									

#### DAMAGE DESCRIPTION AND DIMENSIONS:

#### Current Version:

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 (2) lane, (36) foot wide by approximately (118) foot long Bridge Facility spanning approximately (95) feet over Mustang Creek in Taylor, Texas, on CR-403: Welsh Road (GPS: 30.56551, -97.43675).

The Bridge was in good condition, spanning over a creek with a concrete structure supported by concrete abutments which were protected by concrete slope-protection aprons. In addition, the approaches to both sides of this bridge were comprised of bituminous roadways and side-slopes which were provided with standard highway-approved metal guardrails to control vehicular traffic.

The Incident Storm flooding caused a large flow of water to run through the bridge structure and over roadway surface damaging:

- 1). Bituminous paving surface of the bridge approach on the northwest side of approximately
  - (14) feet wide by (90) feet long or (1,260) square feet by (6) inches thick, or
  - (24) cubic yards was destroyed;
- 2). Guardrail and support system on the southwest side of the bridge approach approximately (175) linear feet was destroyed;
- 3). Shoulder area adjacent to the southwest side guardrail of approximately (25) feet by (175) by (36) inches deep or
  - (486.12) cubic yards of soil was washed away;
- 4). The apron surrounding the rectangular-shaped concrete abutment supporting the western side of the bridge was undermined for approximately (5) feet plus (15) feet plus (45) feet plus (30) feet or

(95) linear feet by approximately (36) inches deep by (18) inches wide or approximately

(427.50) cubic feet or (16) cubic yards of soil being displaced; and

5). The apron surrounding the rectangular-shaped concrete abutment supporting the eastern side of the bridge was undermined across the entire width of the support system causing the apron to separate

from the bridge abutment and the apron structure of approximately

- (13) linear feet wide by (13) linear feet plus (36) linear feet plus (13) linear feet or (806) square feet, plus
- (2) quarter-curved sections with radii of (13) feet or (266) square feet for a total of (1,072) square feet of (0.5) feet thick concrete or (19.85) cubic yards of concrete apron was effectively destroyed.

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

#### SCOPE OF WORK:

#### **Current Version:**

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 site for repairs: cleaning the site area of damaged materials including concrete,

bituminous materials, metal guard rail system and displaced soil:

- 1). Remove and Replace bituminous paving surface of the bridge approach on the northwest side of (24) cubic yards that was destroyed;
- Remove and Replace guardrail and support system on the southwest side of the bridge approach (175) linear feet that was destroyed;
- 3). Restore the shoulder area adjacent to the southwest side guardrail with

(486.12) cubic yards of soil that was washed away and made up of:

- (25) feet by (175) feet by (2.5) feet deep of compacted soil or (405.10) cubic yards;
- (25) feet by (175) feet by (0.5) feet deep of top soil or (81.02) cubic yards;
- (25) feet by (175) feet of reinforcing mesh or (486.11) square yards; and
- (25) feet by (175) feet of raking and seeding or (4,375) square feet.
- 4). Provide the (16) cubic yards of compacted soil to restore the rectangular-shaped concrete concrete apron

protecting the abutment supporting the western side of the bridge that was washed away;

5). Remove and Replace the damaged rectangular-shaped concrete apron

protecting the abutment supporting the eastern side of the bridge with a new

(1,072) square feet of (0.5) inch thick or (19.85) cubic yards of concrete apron system that was destroyed;

6). Clean the site area of all construction materials.

Does the Scope of Work change the pre-disaster conditions at the site? Yes No	Special Considerations included? Ves No
Hazard Mitigation proposal included? Yes Mo	Is there insurance coverage on this facility? Yes Mo

### **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	Repair Costs		1/LS	\$ 71,666.11	\$ 71,666.11				
		Direct Subgrantee Admin Cost	•							
3	9901	Direct Administrative Costs (Subgran	ntee)	1/LS	\$ 850.00	\$ 850.00				
				TOTAL COST	\$ 72,516.11					
PREPAREI	D BY PATRIC	K J MCFADDEN	TITLE	Technical Specialist	SIGNATURE					
APPLICAN	T REP. Dan C	Sattis	TITLE	County Judge	SIGNATURE					

### WILLIAMSON (COUNTY): PA-06-TX-4223-PW-00681

Conditions Information								
Review Name	Condition Type	Condition Name	Description	Monitored	Status			
EHP Review	Other (EHP)	Clean Water Act (CWA)	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.	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			
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)	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 #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			
Insurance Review	Conditions (Grant Specific)	S.A. Section 312 Duplication 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	Yes	Recommended			

1	DOLLOURS		, ,		1
		and FEMA of such the Sub-Grant amo reduced by actual proceeds. Brian W 11/24/2015	ount must be insurance	-	

			Int	ernal Comments
No.	Queue	User	Date/Time	Reviewer Comments
				Williamson County TX, WIL005C - CR 403 - Welsh Street Bridge Damages, Category C Roads and Bridges, 0% completed
				Bridge Crossing the Mustang Creek, CR-403: Welsh Road (30.56551, -97.43675)
				The Applicant will use contract to repair the site to pre-disaster conditions, design and functions.
				1) Remove and Replace bituminous paving surface of the bridge approach on the northwest side of (24) cubic yards that was destroyed;
				2) Remove and Replace guardrail and support system on the southwest side of the bridge approach (175) linear feet that was destroyed;
				3) Restore the shoulder area adjacent to the southwest side guardrail with (486.12) cubic yards of soil that was washed away and made up of:
				- (25) feet by (175) feet by (2.5) feet deep of compacted soil or (405.10) cubic yards; - (25) feet by (175) feet by (0.5( feet deep of top
				soil or (81.02) cubic yards; - (25) feet by (175) feet of reinforcing mesh or (486.11) square yards; and
				<ul> <li>- (25) feet by (175) feet of raking and seeding or (4,375) square feet.</li> <li>4) Provide the (16) cubic yards of compacted soil to restore the</li> </ul>
				rectangular-shaped concrete apron protecting the abutment supporting the western side of the bridge that was washed away;
				5) Remove and Replace the damaged rectangular-shaped
4	EHP Review	LEGER LATOYA	12-01-2015 08:58 PM GMT	concrete apron protecting the abutment supporting the eastern side of the bridge with a new (1,072) square feet of (0.5) inch thick or (19.85) cubic yards of concrete apron system that was destroyed;
	Review	LATOTA	FIVI GIVIT	6) Clean the site area of all construction materials.
				No mitigation is proposed with this project.
			This project has been determined to be Statutorily Excluded from Environmental 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.	
				- jfortuno - 11/30/2015 19:29:40 GMT A review of the National Wetland Inventory (NWI) online mapper, accessed on 11/30/2015, for the site indicates that the area is not located within nor does it affect a designated

				wetland jfortuno - 11/30/2015 19:22:37 GMT The scope of work for this project does not require U.S. Fish and Wildlife Service (USFWS) consultation per FEMA/USFWS disaster consultation letter dated August, 7, 2015 jfortuno - 11/30/2015 18:42:14 GMT The project is located within an "AE" zone, area of 100-yr flooding, per Flood Insurance Rate Map (FIRM) panel 48491C0535E, dated September, 26, 2008. Initial Disaster Public Notice was published on July, 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 jfortuno - 11/30/2015 19:20:20 GMT The scope of work has been reviewed and meets the criteria in Appendix B - Programmatic Allowances II.C.1.a and II.C.2.b 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 dowens13 - 11/30/2015 17:40:16 GMT
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 02:46 PM GMT	Brian W Bartley, CFM – 11/24/2015, PA-06-TX-4223-PW-00681(0): The damaged facilities for this Sub Grant Application (PW) are all Roads and Bridges, 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	<u>Initial</u> <u>Review</u>	BUCKLEY DAVID	11-23-2015 11:24 PM GMT	11/23/2015 - Recommend Eligible - D. Buckley

Go Back