

<b>PA-06-TX-4223-PW-01138(0)</b> <span style="color: red;">P</span>	
Applicant Name:	Application Title:
HIDALGO (COUNTY)	HID011C - Damaged Roads / Asphalt and Caliche
Period of Performance Start:	Period of Performance End:
05-29-2015	11-29-2016

Bundle Reference # (Amendment #)	Date Awarded
PA-06-TX-4223-PW-01138(1092)	02-08-2016

### 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	HID011C	215-99215-00	01-20-2016	C
APPLICANT: HIDALGO (COUNTY)			WORK COMPLETE AS OF: 01-07-2016 : 0 %		
Site 1 of 7					
DAMAGED FACILITY:			COUNTY: Hidalgo		
Site 01 Location 30					
LOCATION:			LATITUDE:	LONGITUDE:	
PA-06-TX-4223-PW-01138(0): Site # 30A Lat.: 26.36473 Long.: -98.13969 to Lat.: 26.36333 Long.: -98.12981 Ramseyer Drive, Edinburg. See attached pictures labelled as Site 30A photos. Site # 30B Lat.: 26.36169 Long.: -98.11819 Ramseyer Drive at Intersection of Doolittle Road, Edinburg. See attached pictures labelled as Site 30B photos.			26.36169	-98.11819	
Current Version:			26.36333	-98.12981	
Current Version:			26.36473	-98.13969	
DAMAGE DESCRIPTION AND DIMENSIONS:					
PA-06-TX-4223-PW-01138(0): DDD During the Declared event period, standing floodwaters at a depth of 2 Ft. submerged these Two (2) sections of paved roadway for a period of Two (2) Weeks. Water saturated the base material (Caliche) and caused the road base (Caliche) and wear surface (Asphalt) to severely undulate, rut and delaminate causing damage to the following:					
30A					
<ul style="list-style-type: none"> <li>• Caliche - Dimensions 3168 Ft. long by 22 Ft. Wide by 0.333 Ft. (4 inch) deep = 860.36 CY</li> <li>• Asphalt Wear Surface - Dimensions 3168 Ft. long by 22 Ft. Wide by 0.166 Ft. (2 inch) deep = 428.50 CY</li> </ul>					
30B					
<ul style="list-style-type: none"> <li>• Caliche - Dimensions 1050 Ft. long by 22 Ft. Wide by 0.333 Ft. (4 inch) deep = 285.16 CY</li> <li>• Asphalt Wear Surface - Dimensions 1050 Ft. long by 22 Ft. Wide by 0.166 Ft. (2 inch) deep = 142.02 CY</li> </ul>					
This road, while in fair condition is nonetheless recommended as eligible damages, the rationale for this recommendation is based on the FEMA TAC Technical Specialists' Inspection, assessment and observations of road sections along this road that were not submerged; these asphalt wear surfaces remained even planed, adhered to the base material; and, intact in spite of exhibiting signs of fair condition throughout. Had this damaged section of road not been submerged for a protracted period of time, the likelihood is it would have remained intact. These sites are listed as Collector Roads according to TEXDOT Functional Use Maps. Therefore, the damages at are Not Recommended as eligible in accordance with 44 CFR §206.223 (a) (1) (2) (3). End of DDD					
Current Version:					
SCOPE OF WORK:					

PA-06-TX-4223-PW-01138(0):

SOW

Work to Be Completed

30AB Combined – Two (2) Sites

The Applicant will use Force Account Labor [using actual hourly rates (including Fringes)], Force Account Equipment (using FEMA Cost Codes), and Force Account Materials [using recent local historical costs (current contracts for Force Account Material vendors and invoices attached)] to perform and execute the Work to Be Completed. The FEMA TAC Technical Specialist formulating this Project and Sub Grant Application has worked closely with The Applicants Director of Roads and Bridges to benchmark Labor, Equipment and Material requirements based on production rates obtained from recent historical data supplied by the Applicant for similar work in scope and volume using Force Account assets; and, after concurring that the Scope, Labor, Equipment and Material quantities and costs were reasonable, In a unified effort, estimated the costs of all work tasks contained in this Scope of work. A copy of the estimate formulated for this site is attached to this Project. These sites are listed as Collector Roads according to TEXDOT Functional Use Maps. Therefore, This Scope of Work and associated estimated Costs are Not Recommended as eligible accordance with 44 CFR §206.228 (a) (ii) (iii) (2) (I).

Scope Items

Remove and Haul existing materials for repurposing to Applicants Storage Yard facility (Applicant will mill broken asphalt and Caliche for future use as patch materials) Sites A and B combined:

- Caliche - Dimensions 4218 Ft. long by 22 Ft. Wide by 0.333 Ft. (4 inch) deep = 1,145.52 CY
- Asphalt Wear Surface - Dimensions 4218 Ft. long by 22 Ft. Wide by 0.166 Ft. (2 inch) deep = 570.52 CY

Demo and Haul Away

	Truck Loads	Dump Truck Hours	Hours Per Each of 5 Trucks
Caliche	82	81.82	
Asphalt	41	40.75	
Total	123	25	

Pick up materials from vendor locations and haul to site, Install and grade base 4 Inch deep Caliche (which will restore to a 4 Inch base that preexisted the event, Compact base, install Tack Coat (emulsified asphalt), install, and roll in wear surface (2 Inch of Hot Asphalt Wear Surface)

Mobilize Pick up and deliver material in place

	Truck Loads	Dump Truck Hours	Hours Per Each of 5 Trucks
Caliche	81.82	81.82	
Asphalt	40.75	40.75	
Total	123	25	

Total Truck Hours Needed per truck (Demo and Install) 49.71

Estimated Costs

Material (Sites A and B Combined)

- Caliche - Actual F/A Cost - Dimensions 4182 Ft. long by 22 Ft. Wide by 0.333 Ft. (4 inch) deep = 1,145.52 CY @ 3,500 Lbs./CY => 2,004.65 Tons @ \$3.25 = \$6,515.12
- Asphalt including emulsified tack coat - Actual F/A Cost - Dimensions 4182 Ft. long by 22 Ft. Wide by 0.166 Ft. (2 inch) deep = 570.52 CY @ 4,212 Lbs./CY => 1,201.52 Tons @ \$58.50 = \$70,289.08

Equipment and Labor (Sites A and B combined)

- Using F/A Equipment (Grader with 14 Ft. Moldboard - FEMA CC 8331) and F/A Labor (actual hourly rate including fringes), grade road surface. - Dimensions 4218 Ft. long by 22 Ft. Wide by 0.330 Ft. (4 inch) deep  
6.3 Hrs. Labor @ \$28.72 = \$180.94  
6.3 Hrs. FA Equip @ 84.00 = \$529.20
- Using F/A Equipment (Paver - FEMA CC 8432) and F/A Labor (actual hourly rate including fringes), grade road surface. - Dimensions 4218 Ft. long by 22 Ft. Wide by 0.166 Ft. (2 inch) deep  
11.5 Hrs. Labor @ \$20.06 = \$230.69  
11.5 Hrs. FA Equip @ 135.00 = \$1,552.50
- Using F/A Equipment (Dump Truck # 1 - 14 CY Capacity - FEMA CC 8725) and F/A Labor (actual hourly rate including fringes), load, haul and dump.  
48.71 Hrs. Labor @ \$20.80 = \$1,013.17

48.71 Hrs. FA Equip @ 75.00 = \$3,653.25

- Using F/A Equipment (Dump Truck # 2 - 14 CY Capacity - FEMA CC 8725) and F/A Labor (actual hourly rate including fringes), load, haul and dump.

48.71 Hrs. Labor @ \$20.80 = \$1,013.17

48.71 Hrs. FA Equip @ 75.00 = \$3,653.25

- Using F/A Equipment (Dump Truck # 3 - 14 CY Capacity - FEMA CC 8725) and F/A Labor (actual hourly rate including fringes), load, haul and dump.

48.71 Hrs. Labor @ \$20.80 = \$1,013.17

48.71 Hrs. FA Equip @ 75.00 = \$3,653.25

- Using F/A Equipment (Dump Truck # 4 - 14 CY Capacity - FEMA CC 8725) and F/A Labor (actual hourly rate including fringes), load, haul and dump.

48.71 Hrs. Labor @ \$20.80 = \$1,013.17

48.71 Hrs. FA Equip @ 75.00 = \$3,653.25

- Using F/A Equipment (Dump Truck # 5 - 14 CY Capacity - FEMA CC 8725) and F/A Labor (actual hourly rate including fringes), load, haul and dump.

48.71 Hrs. Labor @ \$20.80 = \$1,013.17

48.71 Hrs. FA Equip @ 75.00 = \$3,653.25

- Pickup Truck 1 - 1/2 Ton - FEMA CC 8801

2 Hrs. Labor @ \$17.98 = \$35.96

2 Hrs. FA Equip @ 19.95 = \$39.90

- Pickup Truck 2 - 1/2 Ton - FEMA CC 8801

2 Hrs. Labor @ \$17.98 = \$35.96

2 Hrs. FA Equip @ 19.95 = \$39.90

- Using F/A Equipment (Compactor - Vibratory Drum Roller - FEMA CC 8222) and F/A Labor (actual hourly rate including fringes), compact and smooth base and road surfaces. - Dimensions 4218 Ft. long by 22 Ft. Wide by 0.500 Ft. (6 inch) deep

6.3 Hrs. Labor @ \$19.40 = \$122.22

6.3 Hrs. FA Equip @ 28.75 = \$181.13

- Using F/A Equipment (Pneumatic Roller - 9 wheels - FEMA CC 8223) and F/A Labor (actual hourly rate including fringes), compact and smooth base and road surfaces. - Dimensions 4218 Ft. long by 22 Ft. Wide by 0.500 Ft. (6 inch) deep

5.2 Hrs. Labor @ \$19.40 = \$100.88

5.2 Hrs. FA Equip @ 33.75 = \$175.50

- Using F/A Equipment (Front End Loader - 5 CY Capacity - FEMA CC 8395) and F/A Labor (actual hourly rate including fringes), scrape up road surface and load dump trucks. - Dimensions 4218 Ft. long by 22 Ft. Wide by 0.500 Ft. (6 inch) deep

13.6 Hrs. Labor @ \$21.21 = \$288.46

13.6 Hrs. FA Equip @ 74.50 = \$1,013.20

- Using F/A Equipment (Haul Truck with trailer- FEMA CC 8795) and F/A Labor (actual hourly rate including fringes), for transporting, compactors, rollers, back hoes and front end loaders to and from jobsite.

2 Hrs. Labor @ \$19.89 = \$39.78

2 Hrs. FA Equip @ 41.00 = \$82.00

- Using F/A Equipment (Water Tanker Truck - 4000 Gal. Capacity - FEMA CC 8781) and F/A Labor (actual hourly rate including fringes), to transport water and emulsified asphalt to jobsite and apply liquids (water to Cliché and Asphalt for Tack Coating) to road base materials and surfaces.

11.5 Hrs. Labor @ \$20.80 = \$239.20

11.5 Hrs. FA Equip @ 51.25 = \$589.38

- Traffic Safety - Flagman # 1 (F/A Labor (actual hourly rate including fringes) controlling ingress and egress of vehicles and providing safety monitoring at jobsites)

18.9 Hrs. Labor @ \$18.44 = \$348.52

- Traffic Safety - Flagman # 2 (F/A Labor (actual hourly rate including fringes) controlling ingress and egress of vehicles and providing safety monitoring at jobsites)

18.9 Hrs. Labor @ \$20.28 = \$383.29

#### Summary of Estimated Costs

F/A Labor \$7,073.19

F/A Equipment \$22,468.95

F/A Materials \$76,804.19

Total this Project: \$106,346.33

End of SOW

Current Version:

Site 02 Location 31	COUNTY: Hidalgo																		
<b>LOCATION:</b> PA-06-TX-4223-PW-01138(0): Site # 31A Lat.: 26.39384 Long.: -98.06772 to Lat.: 26.39869 Long.: -98.06684 Brushline Road Edinburg. See attached pictures labelled as Site 31A photos. Site # 31B Lat.: 26.404311 Long.: -98.065876 to Lat.: 26.408648 Long.: -98.065111 Brushline Road Edinburg. See attached pictures labelled as Site 31B photos. Site # 31C Lat.: 26.42282 Long.: -98.06248 to Lat.: 26.428878 Long.: -98.061477 Brushline Road Edinburg. See attached pictures labelled as Site 31C photos. Site # 31D Lat.: 26.43353 Long.: -98.06056 to Lat.: 26.43849 Long.: -98.05968 BrushlineRoad Edinburg. Edinburg. See attached pictures labelled as Site 31D photos.	<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;"><b>LATITUDE:</b></td> <td style="width:50%;"><b>LONGITUDE:</b></td> </tr> <tr> <td>26.39384</td> <td>-98.06772</td> </tr> <tr> <td>26.39869</td> <td>-98.06684</td> </tr> <tr> <td>26.404311</td> <td>-98.065876</td> </tr> <tr> <td>26.408648</td> <td>-98.065111</td> </tr> <tr> <td>26.42282</td> <td>-98.06248</td> </tr> <tr> <td>26.428878</td> <td>-98.061477</td> </tr> <tr> <td>26.43353</td> <td>-98.06056</td> </tr> <tr> <td>26.43849</td> <td>-98.05968</td> </tr> </table>	<b>LATITUDE:</b>	<b>LONGITUDE:</b>	26.39384	-98.06772	26.39869	-98.06684	26.404311	-98.065876	26.408648	-98.065111	26.42282	-98.06248	26.428878	-98.061477	26.43353	-98.06056	26.43849	-98.05968
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Current Version:																			
<b>DAMAGE DESCRIPTION AND DIMENSIONS:</b> PA-06-TX-4223-PW-01138(0): DDD During the Declared event period, running and standing floodwaters at a depth of 2 Ft. submerged these Four (4) sections of Caliche roadway for a period of Four (4) Weeks. Additionally, running floodwaters washed away 4 Inches (depth) of the road surface, depositing the Caliche into ditches and adjacent fields. The Ditches need to be cleaned and the roadway needs 4 Inches of Caliche installed to restore it to pre event conditions: 31A <ul style="list-style-type: none"> <li>• Caliche - Dimensions 1584 Ft. long by 22 Ft. Wide by 0.330 Ft. (4 inch) deep = 425.92 CY</li> <li>• Ditch Needs Cleaned - 1584 Ft. long – One (1) side of the road.</li> </ul> 31B <ul style="list-style-type: none"> <li>• Caliche - Dimensions 1584 Ft. long by 22 Ft. Wide by 0.330 Ft. (4 inch) deep = 425.92 CY</li> <li>• Ditch Needs Cleaned - 1584 Ft. long – One (1) side of the road.</li> </ul> 31C <ul style="list-style-type: none"> <li>• Caliche - Dimensions 2112 Ft. long by 22 Ft. Wide by 0.330 Ft. (4 inch) deep = 567.89 CY</li> <li>• Ditch Needs Cleaned - 2112 Ft. long – One (1) side of the road.</li> </ul> 31D <ul style="list-style-type: none"> <li>• Caliche - Dimensions 1584 Ft. long by 22 Ft. Wide by 0.330 Ft. (4 inch) deep = 425.92 CY</li> <li>• Ditch Needs Cleaned - 1584 Ft. long – One (1) side of the road</li> </ul> <p>This road, while in fair condition is nonetheless recommended as eligible damages, the rational for this recommendation is based on the FEMA TAC Technical Specialists' Inspection, assessment and observations of road sections along this road that were not submerged and exposed to running floodwaters; these Caliche wear surfaces remained even planed, adhered to the base material; and, intact throughout. Had this damaged section of road not been submerged and subjected to running waters for a protracted period of time, the likelihood is it would have remained intact. Therefore the damages at are recommended as eligible in accordance with 44 CFR §206.223 (a) (1) (2) (3).                  End of DDD</p> Current Version:																			
<b>SCOPE OF WORK:</b> PA-06-TX-4223-PW-01138(0): SOW Work to Be Completed 31ABCD Combined – Four (4) Sites The Applicant will use Force Account Labor [using actual hourly rates (including Fringes)], Force Account Equipment (using FEMA Cost Codes), and Force Account Materials [using recent local historical costs (current contracts for Force Account Material vendors and invoices attached)] to perform and execute the Work to Be Completed. The FEMA TAC Technical Specialist formulating this Project and Sub Grant Application has worked closely with The Applicants Director of Roads and Bridges to benchmark Labor, Equipment and Material requirements based on production rates obtained from recent historical data supplied by the Applicant for similar work in scope and volume using Force Account assets; and, after concurring that the Scope, Labor, Equipment and Material quantities and costs were reasonable, In a unified effort, estimated the costs of all work tasks contained in this Scope of work. A copy of the estimate formulated for this site is attached to this Project. This Scope of Work and associated estimated Costs are recommended as eligible in accordance with 44 CFR §206.228 (a) (ii) (iii) (2) (I). Scope Items Install Caliche road surface to a depth of 4 Inches (deep) and Clean Ditches. <ul style="list-style-type: none"> <li>• Caliche - Dimensions 6,864 Ft. long by 22 Ft. Wide by 0.333 Ft. (4 inch) deep = 1,845.65 CY</li> <li>• Clean Ditches – 6,864 LF</li> </ul> <p>Pick up material (Caliche) from vendor location and haul to site, Install and grade wear surface (4 Inch deep Caliche) which will restore to a 4 Inch depth that preexisted the event.                  Mobilize Pick up and deliver material in place</p>																			

Truck Loads	Dump Truck Hours	Hours Per	Each of 5 Trucks
Caliche 131.83	131.83		
<b>Total</b> 132	<b>26</b>		

Total Truck Hours Needed per truck (Demo and Install) 26.37 Actual

#### Estimated Costs

##### Material (Sites A, B, C and D Combined)

- Caliche - Actual F/A Cost - Dimensions 6,864 Ft. long by 22 Ft. Wide by 0.333 Ft. (4 inch) deep = 1,845.65 CY @ 3,500 Lbs./CY => 3,229.89 Tons @ \$3.25 = \$10,497.15

##### Equipment and Labor (Sites A, B and C combined)

- Using F/A Equipment (Grader with 14 Ft. Moldboard - FEMA CC 8331) and F/A Labor (actual hourly rate including fringes), grade road surface. - Dimensions 6864 Ft. long by 22 Ft. Wide by 0.333 Ft. (4 inch) deep

9.6 Hrs. Labor @ \$28.72 = \$275.71

9.6 Hrs. FA Equip @ 84.00 = \$806.40

- Using F/A Equipment (Dump Truck # 1 - 14 CY Capacity - FEMA CC 8725) and F/A Labor (actual hourly rate including fringes), load, haul and dump.

26.37 Hrs. Labor @ \$20.80 = \$548.50

26.37 Hrs. FA Equip @ 75.00 = \$1,977.75

- Using F/A Equipment (Dump Truck # 2 - 14 CY Capacity - FEMA CC 8725) and F/A Labor (actual hourly rate including fringes), load, haul and dump.

26.37 Hrs. Labor @ \$20.80 = \$548.50

26.37 Hrs. FA Equip @ 75.00 = \$1,977.75

- Using F/A Equipment (Dump Truck # 3 - 14 CY Capacity - FEMA CC 8725) and F/A Labor (actual hourly rate including fringes), load, haul and dump.

26.37 Hrs. Labor @ \$20.80 = \$548.50

26.37 Hrs. FA Equip @ 75.00 = \$1,977.75

- Using F/A Equipment (Dump Truck # 4 - 14 CY Capacity - FEMA CC 8725) and F/A Labor (actual hourly rate including fringes), load, haul and dump.

26.37 Hrs. Labor @ \$20.80 = \$548.50

26.37 Hrs. FA Equip @ 75.00 = \$1,977.75

- Using F/A Equipment (Dump Truck # 5 - 14 CY Capacity - FEMA CC 8725) and F/A Labor (actual hourly rate including fringes), load, haul and dump.

26.37 Hrs. Labor @ \$20.80 = \$548.50

26.37 Hrs. FA Equip @ 75.00 = \$1,977.75

- Pickup Truck 1 - 1/2 Ton - FEMA CC 8801

2 Hrs. Labor @ \$17.98 = \$35.96

2 Hrs. FA Equip @ 19.95 = \$39.90

- Pickup Truck 2 - 1/2 Ton - FEMA CC 8801

2 Hrs. Labor @ \$17.98 = \$35.96

2 Hrs. FA Equip @ 19.95 = \$39.90

- Using F/A Equipment (Compactor - Vibratory Drum Roller - FEMA CC 8222) and F/A Labor (actual hourly rate including fringes), compact and smooth base and road surfaces. - Dimensions 6864 Ft. long by 22 Ft. Wide by 0.333 Ft. (4 inch) deep

9.6 Hrs. Labor @ \$19.40 = \$186.24

9.6 Hrs. FA Equip @ 28.75 = \$276.00

- Using F/A Equipment (Pneumatic Roller - 9 wheels - FEMA CC 8223) and F/A Labor (actual hourly rate including fringes), compact and smooth base and road surfaces. - Dimensions 6864 Ft. long by 22 Ft. Wide by 0.333 Ft. (4 inch) deep

7.9 Hrs. Labor @ \$19.40 = \$153.26

7.9 Hrs. FA Equip @ 33.75 = \$266.63

- Using F/A Equipment (Haul Truck with trailer- FEMA CC 8795) and F/A Labor (actual hourly rate including fringes), for transporting, compactors, rollers, back hoes and front end loaders to and from jobsite.

2 Hrs. Labor @ \$19.89 = \$39.78

2 Hrs. FA Equip @ 41.00 = \$82.00

- Using F/A Equipment (Water Tanker Truck - 4000 Gal. Capacity - FEMA CC 8781) and F/A Labor (actual hourly rate including fringes), to transport water and emulsified asphalt to jobsite and apply liquids (water to Cliché and Asphalt for Tack Coating) to road base materials and surfaces.

18.2 Hrs. Labor @ \$20.80 = \$378.56

18.2 Hrs. FA Equip @ 51.25 = \$932.75

- Traffic Safety - Flagman # 1 (F/A Labor (actual hourly rate including fringes) controlling ingress and egress of vehicles and providing safety monitoring at jobsites)

29.4 Hrs. Labor @ \$18.44 = \$542.14

- Traffic Safety - Flagman # 2 (F/A Labor (actual hourly rate including fringes) controlling ingress and egress of vehicles and providing safety monitoring at jobsites)

29.4 Hrs. Labor @ \$20.28 = \$596.23

- Clean Ditches – 6,864 LF @ \$3.40 (FEMA CC 3070)= \$23,337.60

Summary of Estimated Costs

F/A Labor \$4,987.78  
 F/A Equipment \$12,332.33  
 F/A Materials \$10,497.15  
 F/A Ditch Cleaning \$23,337.60

Total this Project: \$51,154.86  
 End of SOW

Current Version:

Site 3 of 7

DAMAGED FACILITY:

Site 03 Location 32

COUNTY: Hidalgo

LOCATION:

PA-06-TX-4223-PW-01138(0):  
 Site # 32A Lat.: 26.3778 Long.: -98.025303 to Lat.: 26.37836 Long.: -98.02844 Mile 22-1/2 North starting on FM 493 and heading west. See attached pictures labelled as Site 32A photos.  
 Site # 32B Lat.: 26.37977 Long.: -98.03639 to Lat.: 26.38206 Long.: -98.04902 Mile 22-1/2 North starting on FM 493 and heading west. See attached pictures labelled as Site 32B photos.

LATITUDE:

26.3778  
 26.37836  
 26.37977  
 26.38206

LONGITUDE:

-98.025303  
 -98.02844  
 -98.03639  
 -98.04902

Current Version:

DAMAGE DESCRIPTION AND DIMENSIONS:

PA-06-TX-4223-PW-01138(0):  
 DDD  
 During the Declared event period, running and standing floodwaters at a depth of 2 Ft. submerged these Four (4) sections of Caliche roadway for a period of Three (3) Months. The Caliche Roadway has subsided and Caliche to a depth of 4 Inches needs to be replaced.  
 32A  
 • Caliche - Dimensions 1056 Ft. long by 20 Ft. Wide by 0.333 Ft. (4 inch) deep = 260.48 CY  
 32B  
 • Caliche - Dimensions 4224 Ft. long by 20 Ft. Wide by 0.333 Ft. (4 inch) deep = 1,041.92 CY

This road, while in fair condition is nonetheless recommended as eligible damages, the rationale for this recommendation is based on the FEMA TAC Technical Specialists' Inspection, assessment and observations of road sections along this road that were not submerged; these Caliche wear surfaces remained even planed, adhered to the base material; and, intact throughout. Had this damaged section of road not been submerged for a protracted period of time, the likelihood is it would have remained intact and not subsided. Therefore the damages are recommended as eligible in accordance with 44 CFR §206.223 (a) (1) (2) (3).  
 End of DDD

Current Version:

SCOPE OF WORK:

PA-06-TX-4223-PW-01138(0):  
 SOW  
 Work to Be Completed  
 32AB Combined – Two (2) Sites  
 The Applicant will use Force Account Labor [using actual hourly rates (including Fringes)], Force Account Equipment (using FEMA Cost Codes), and Force Account Materials [using recent local historical costs (current contracts for Force Account Material vendors and invoices attached)] to perform and execute the Work to Be Completed. The FEMA TAC Technical Specialist formulating this Project and Sub Grant Application has worked closely with The Applicants Director of Roads and Bridges to benchmark Labor, Equipment and Material requirements based on production rates obtained from recent historical data supplied by the Applicant for similar work in scope and volume using Force Account assets; and, after concurring that the Scope, Labor, Equipment and Material quantities and costs were reasonable, In a unified effort, estimated the costs of all work tasks contained in this Scope of work. A copy of the estimate formulated for this site is attached to this Project. This Scope of Work and associated estimated Costs are recommended as eligible in accordance with 44 CFR §206.228 (a) (ii) (iii) (2) (I).

Scope Items

Install, grade and compact:

- Caliche - Dimensions 5,280 Ft. long by 20 Ft. Wide by 0.333 Ft. (4 inch) deep = 1,302.40 CY

Pick up material (Caliche) from vendor location and haul to site, Install and grade wear surface (4 Inch deep Caliche) which will restore to a 4 Inch depth that preexisted the event.

Mobilize Pick up and deliver material in place

Truck Loads	Dump Truck Hours	Hours Per	Each of 5 Trucks
Caliche 93.03	93.03		

Total 93 19

Total Truck Hours Needed per truck (Demo and Install) 18.61 Actual

#### Estimated Costs

##### Material (Sites A and B Combined)

- Caliche - Actual F/A Cost - Dimensions 5,280 Ft. long by 22 Ft. Wide by 0.333 Ft. (4 inch) deep = 1,302.40 CY @ 3,500 Lbs./CY => 2,279.20 Tons @ \$3.25 = \$7,407.40

##### Equipment and Labor (Sites A, B and C combined)

- Using F/A Equipment (Grader with 14 Ft. Moldboard - FEMA CC 8331) and F/A Labor (actual hourly rate including fringes), grade road surface. - Dimensions 5280 Ft. long by 20 Ft. Wide by 0.333 Ft. (4 inch) deep

7 Hrs. Labor @ \$28.72 = \$201.04

7 Hrs. FA Equip @ 84.00 = \$588.00

- Using F/A Equipment (Dump Truck # 1 - 14 CY Capacity - FEMA CC 8725) and F/A Labor (actual hourly rate including fringes), load, haul and dump.

18.61 Hrs. Labor @ \$20.80 = \$387.09

18.61 Hrs. FA Equip @ 75.00 = \$1,395.75

- Using F/A Equipment (Dump Truck # 2 - 14 CY Capacity - FEMA CC 8725) and F/A Labor (actual hourly rate including fringes), load, haul and dump.

18.61 Hrs. Labor @ \$20.80 = \$387.09

18.61 Hrs. FA Equip @ 75.00 = \$1,395.75

- Using F/A Equipment (Dump Truck # 3 - 14 CY Capacity - FEMA CC 8725) and F/A Labor (actual hourly rate including fringes), load, haul and dump.

18.61 Hrs. Labor @ \$20.80 = \$387.09

18.61 Hrs. FA Equip @ 75.00 = \$1,395.75

- Using F/A Equipment (Dump Truck # 4 - 14 CY Capacity - FEMA CC 8725) and F/A Labor (actual hourly rate including fringes), load, haul and dump.

18.61 Hrs. Labor @ \$20.80 = \$387.09

18.61 Hrs. FA Equip @ 75.00 = \$1,395.75

- Using F/A Equipment (Dump Truck # 5 - 14 CY Capacity - FEMA CC 8725) and F/A Labor (actual hourly rate including fringes), load, haul and dump.

18.61 Hrs. Labor @ \$20.80 = \$387.09

18.61 Hrs. FA Equip @ 75.00 = \$1,395.75

- Pickup Truck 1 - 1/2 Ton - FEMA CC 8801

2 Hrs. Labor @ \$17.98 = \$35.96

2 Hrs. FA Equip @ 19.95 = \$39.90

- Pickup Truck 2 - 1/2 Ton - FEMA CC 8801

2 Hrs. Labor @ \$17.98 = \$35.96

2 Hrs. FA Equip @ 19.95 = \$39.90

- Using F/A Equipment (Compactor - Vibratory Drum Roller - FEMA CC 8222) and F/A Labor (actual hourly rate including fringes), compact and smooth base and road surfaces. - Dimensions 5280 Ft. long by 20 Ft. Wide by 0.333 Ft. (4 inch) deep

7 Hrs. Labor @ \$19.40 = \$135.80

7 Hrs. FA Equip @ 28.75 = \$201.25

- Using F/A Equipment (Pneumatic Roller - 9 wheels - FEMA CC 8223) and F/A Labor (actual hourly rate including fringes), compact and smooth base and road surfaces. - Dimensions 5280 Ft. long by 20 Ft. Wide by 0.333 Ft. (3.996 inch) deep

5.8 Hrs. Labor @ \$19.40 = \$112.52

5.8 Hrs. FA Equip @ 33.75 = \$195.75

- Using F/A Equipment (Haul Truck with trailer- FEMA CC 8795) and F/A Labor (actual hourly rate including fringes), for transporting, compactors, rollers, back hoes and front end loaders to and from jobsite.

2 Hrs. Labor @ \$19.89 = \$39.78

2 Hrs. FA Equip @ 41.00 = \$82.00

- Using F/A Equipment (Water Tanker Truck - 4000 Gal. Capacity - FEMA CC 8781) and F/A Labor (actual hourly rate including fringes), to transport water and emulsified asphalt to jobsite and apply liquids (water to Cliché and Asphalt for Tack Coating) to road base materials

and surfaces.

13 Hrs. Labor @ \$20.80 = \$270.40  
 13 Hrs. FA Equip @ 51.25 = \$666.25

- Traffic Safety - Flagman # 1 (F/A Labor (actual hourly rate including fringes) controlling ingress and egress of vehicles and providing safety monitoring at jobsites)  
 21.2 Hrs. Labor @ \$18.44 = \$390.93

- Traffic Safety - Flagman # 2 (F/A Labor (actual hourly rate including fringes) controlling ingress and egress of vehicles and providing safety monitoring at jobsites)  
 21.2 Hrs. Labor @ \$20.28 = \$429.94

Summary of Estimated Costs

F/A Labor \$3,589.22  
 F/A Equipment \$8,791.80  
 F/A Materials \$7,407.40

Total this Project: \$19,788.42  
 End of SOW

Current Version:

Site 4 of 7

DAMAGED FACILITY:

Site 04 Location 33

COUNTY: Hidalgo

LOCATION:

PA-06-TX-4223-PW-01138(0):  
 Site # 33 Lat.: 26.370651 Long.: -98.034709 to Lat.: 26.365374 Long.: -98.03565 Sunflower Road.  
 See attached pictures labelled as Site 33 photos.

LATITUDE:  
 26.365374  
 26.370651

LONGITUDE:  
 -98.03565  
 -98.034709

Current Version:

DAMAGE DESCRIPTION AND DIMENSIONS:

PA-06-TX-4223-PW-01138(0):  
 DDD

During the Declared event period, running and standing floodwaters at a depth of 2 Ft. submerged this section of Caliche roadway for a period of Two (2) Months. Additionally, running floodwaters washed away 4 Inches (depth) of the road surface, depositing the Caliche into ditches and adjacent fields. The Ditches on both sides of this road need to be cleaned and the roadway needs 4 Inches of Caliche installed to restore it to pre event conditions:

- Caliche - Dimensions 1900 Ft. long by 22 Ft. Wide by 0.330 Ft. (4 inch) deep = 510.89 CY
- Ditch Needs Cleaned - 3800 Ft. long – [Total for Two (2) sides of the road].

This road, while in fair condition is nonetheless recommended as eligible damages, the rational for this recommendation is based on the FEMA TAC Technical Specialists' Inspection, assessment and observations of road sections along this road that were not submerged and exposed to running floodwaters; these Caliche wear surfaces remained even planed, adhered to the base material; and, intact throughout. Had this damaged section of road not been submerged and subjected to running waters for a protracted period of time, the likelihood is it would have remained intact. Therefore the damages at are recommended as eligible in accordance with 44 CFR §206.223 (a) (1) (2) (3).  
 End of DDD

Current Version:

SCOPE OF WORK:

PA-06-TX-4223-PW-01138(0):  
 SOW  
 Work to Be Completed

The Applicant will use Force Account Labor [using actual hourly rates (including Fringes)], Force Account Equipment (using FEMA Cost Codes), and Force Account Materials [using recent local historical costs (current contracts for Force Account Material vendors and invoices attached)] to perform and execute the Work to Be Completed. The FEMA TAC Technical Specialist formulating this Project and Sub Grant Application has worked closely with The Applicants Director of Roads and Bridges to benchmark Labor, Equipment and Material requirements based on production rates obtained from recent historical data supplied by the Applicant for similar work in scope and volume using Force Account assets; and, after concurring that the Scope, Labor, Equipment and Material quantities and costs were reasonable, In a unified effort, estimated the costs of all work tasks contained in this Scope of work. A copy of the estimate formulated for this site is attached to this Project. This Scope of Work and associated estimated Costs are recommended as eligible in accordance with 44 CFR §206.228 (a) (ii) (iii) (2) (I).

Scope Items

Install Caliche road surface to a depth of 4 Inches (deep) and Clean Ditches.

- Caliche - Dimensions 1900 Ft. long by 22 Ft. Wide by 0.330 Ft. (4 inch) deep = 510.89 CY
- Clean Ditches – 3,800 LF

Pick up material (Caliche) from vendor location and haul to site, Install and grade wear surface (4 Inch deep Caliche) which will restore to a 4 Inch depth that preexisted the event.

Mobilize Pick up and deliver material in place

Truck Loads	Dump Truck Hours	Hours Per	Each of 5 Trucks
Caliche 36.49	36.49		

Total 36 7

Total Truck Hours Needed per truck (Demo and Install) 7.30 Actual

Estimated Costs

Material

- Caliche - Actual F/A Cost - Dimensions 1900 Ft. long by 22 Ft. Wide by 0.330 Ft. (4 inch) deep = 510.89 CY @ 3,500 Lbs. /CY => 894.06 Tons @ \$3.25 = \$2,905.68

Equipment and Labor

- Using F/A Equipment (Grader with 14 Ft. Moldboard - FEMA CC 8331) and F/A Labor (actual hourly rate including fringes), grade road surface. - Dimensions 1900 Ft. long by 22 Ft. Wide by 0.330 Ft. (4 inch) deep

3.4 Hrs. Labor @ \$28.72 = \$97.65

3.4 Hrs. FA Equip @ 84.00 = \$285.60

- Using F/A Equipment (Dump Truck # 1 - 14 CY Capacity - FEMA CC 8725) and F/A Labor (actual hourly rate including fringes), load, haul and dump.

7.3 Hrs. Labor @ \$20.80 = \$151.84

7.3 Hrs. FA Equip @ 75.00 = \$547.50

- Using F/A Equipment (Dump Truck # 2 - 14 CY Capacity - FEMA CC 8725) and F/A Labor (actual hourly rate including fringes), load, haul and dump.

7.3 Hrs. Labor @ \$20.80 = \$151.84

7.3 Hrs. FA Equip @ 75.00 = \$547.50

- Using F/A Equipment (Dump Truck # 3 - 14 CY Capacity - FEMA CC 8725) and F/A Labor (actual hourly rate including fringes), load, haul and dump.

7.3 Hrs. Labor @ \$20.80 = \$151.84

7.3 Hrs. FA Equip @ 75.00 = \$547.50

- Using F/A Equipment (Dump Truck # 4 - 14 CY Capacity - FEMA CC 8725) and F/A Labor (actual hourly rate including fringes), load, haul and dump.

7.3 Hrs. Labor @ \$20.80 = \$151.84

7.3 Hrs. FA Equip @ 75.00 = \$547.50

- Using F/A Equipment (Dump Truck # 5 - 14 CY Capacity - FEMA CC 8725) and F/A Labor (actual hourly rate including fringes), load, haul and dump.

7.3 Hrs. Labor @ \$20.80 = \$151.84

7.3 Hrs. FA Equip @ 75.00 = \$547.50

- Pickup Truck 1 - 1/2 Ton - FEMA CC 8801

2 Hrs. Labor @ \$17.98 = \$35.96

2 Hrs. FA Equip @ 19.95 = \$39.90

- Pickup Truck 2 - 1/2 Ton - FEMA CC 8801

2 Hrs. Labor @ \$17.98 = \$35.96

2 Hrs. FA Equip @ 19.95 = \$39.90

- Using F/A Equipment (Compactor - Vibratory Drum Roller - FEMA CC 8222) and F/A Labor (actual hourly rate including fringes), compact and smooth base and road surfaces. - Dimensions 1900 Ft. long by 22 Ft. Wide by 0.330 Ft. (4 inch) deep

3.4 Hrs. Labor @ \$19.40 = \$65.96

3.4 Hrs. FA Equip @ 28.75 = \$97.75

- Using F/A Equipment (Pneumatic Roller - 9 wheels - FEMA CC 8223) and F/A Labor (actual hourly rate including fringes), compact and smooth base and road surfaces. - Dimensions 1900 Ft. long by 22 Ft. Wide by 0.330 Ft. (4 inch) deep

2.3 Hrs. Labor @ \$19.40 = \$44.62

2.3 Hrs. FA Equip @ 33.75 = \$77.63

- Using F/A Equipment (Haul Truck with trailer- FEMA CC 8795) and F/A Labor (actual hourly rate including fringes), for transporting, compactors, rollers, back hoes and front end loaders to and from jobsite.

2 Hrs. Labor @ \$19.89 = \$39.78

2 Hrs. FA Equip @ 41.00 = \$82.00

- Using F/A Equipment (Water Tanker Truck - 4000 Gal. Capacity - FEMA CC 8781) and F/A Labor (actual hourly rate including fringes), to transport water and emulsified asphalt to jobsite and apply liquids (water to Cliché and Asphalt for Tack Coating) to road base materials and surfaces.

5 Hrs. Labor @ \$20.80 = \$104.00

5 Hrs. FA Equip @ 51.25 = \$256.25

- Traffic Safety - Flagman # 1 (F/A Labor (actual hourly rate including fringes) controlling ingress and egress of vehicles and providing safety monitoring at jobsites)

9.6 Hrs. Labor @ \$18.44 = \$177.02

- Traffic Safety - Flagman # 2 (F/A Labor (actual hourly rate including fringes) controlling ingress and egress of vehicles and providing safety monitoring at jobsites)

9.6 Hrs. Labor @ \$20.28 = \$194.69

- Clean Ditches – 3,800 LF @ \$3.40 (FEMA CC 3070)= \$12,920.00

Summary of Estimated Costs

F/A Labor \$1,556.30

F/A Equipment \$3,616.53

F/A Materials \$2,905.68

F/A Ditch Cleaning \$12,920.00

Total this Project: \$20,998.51

End of SOW

Current Version:

Site 5 of 7

DAMAGED FACILITY:

Site 05 Location 34

COUNTY: Hidalgo

LOCATION:

PA-06-TX-4223-PW-01138(0):

Site # 34 Lat.: 26.37815 Long.: -98.03307 to Lat.: 26.37707 Long.: -98.02528 Moises Flores Road starting at Sunflower Road and ending at FM493. See attached pictures labelled as Site 34 photos.

LATITUDE:

26.37707  
26.37815

LONGITUDE:

-98.02528  
-98.03307

Current Version:

DAMAGE DESCRIPTION AND DIMENSIONS:

PA-06-TX-4223-PW-01138(0):

DDD

During the Declared event period, running and standing floodwaters at a depth of 2 Ft. submerged this section of Caliche roadway for a period of Two (2) Months. Additionally, running floodwaters washed away 4 Inches (depth) of the road surface, depositing the Caliche into ditches and adjacent fields. The Ditch on One (1) side of this road needs to be cleaned and the roadway needs 4 Inches of Caliche installed to restore it to pre event conditions:

- Caliche - Dimensions 2580 Ft. long by 20 Ft. Wide by 0.333 Ft. (4 inch) deep = 636.40 CY
- Ditch Needs Cleaned - 2580 Ft. long – [One (1) side of the road].

This road, while in fair condition is nonetheless recommended as eligible damages, the rationale for this recommendation is based on the FEMA TAC Technical Specialists' Inspection, assessment and observations of road sections along this road that were not submerged and exposed to running floodwaters; these Caliche wear surfaces remained even planed, adhered to the base material; and, intact throughout. Had this damaged section of road not been submerged and subjected to running waters for a protracted period of time, the likelihood is it would have remained intact. Therefore the damages at are recommended as eligible in accordance with 44 CFR §206.223 (a) (1) (2) (3).  
End of DDD

Current Version:

SCOPE OF WORK:

PA-06-TX-4223-PW-01138(0):

SOW

Work to Be Completed

The Applicant will use Force Account Labor [using actual hourly rates (including Fringes)], Force Account Equipment (using FEMA Cost Codes), and Force Account Materials [using recent local historical costs (current contracts for Force Account Material vendors and invoices attached)] to perform and execute the Work to Be Completed. The FEMA TAC Technical Specialist formulating this Project and Sub Grant Application has worked closely with The Applicants Director of Roads and Bridges to benchmark Labor, Equipment and Material requirements based on production rates obtained from recent historical data supplied by the Applicant for similar work in scope and volume

using Force Account assets; and, after concurring that the Scope, Labor, Equipment and Material quantities and costs were reasonable, In a unified effort, estimated the costs of all work tasks contained in this Scope of work. A copy of the estimate formulated for this site is attached to this Project. This Scope of Work and associated estimated Costs are recommended as eligible in accordance with 44 CFR §206.228 (a) (ii) (iii) (2) (I).

#### Scope Items

Install Caliche road surface to a depth of 4 Inches (deep) and Clean Ditch.

- Caliche - Dimensions 2580 Ft. long by 20 Ft. Wide by 0.333 Ft. (4 inch) deep = 636.40 CY
- Clean Ditch - 2,580 LF

Pick up material (Caliche) from vendor location and haul to site, Install and grade wear surface (4 Inch deep Caliche) which will restore to a 4 Inch depth that preexisted the event.

Mobilize Pick up and deliver material in place

Truck Loads	Dump Truck Hours	Hours Per	Each of 5 Trucks
Caliche 45.46	45.46		

Total 45 9

Total Truck Hours Needed per truck (Demo and Install) 9.00 Actual

#### Estimated Costs

##### Material

- Caliche - Actual F/A Cost - Dimensions 2580 Ft. long by 20 Ft. Wide by 0.333 Ft. (4 inch) deep = 636.40 CY @ 3,500 Lbs. /CY => 1,113.70 Tons @ \$3.25 = \$3,619.53

##### Equipment and Labor

- Using F/A Equipment (Grader with 14 Ft. Moldboard - FEMA CC 8331) and F/A Labor (actual hourly rate including fringes), grade road surface. - Dimensions 2580 Ft. long by 20 Ft. Wide by 0.333 Ft. (4 inch) deep

3.9 Hrs. Labor @ \$28.72 = \$112.01

3.9 Hrs. FA Equip @ 84.00 = \$327.60

- Using F/A Equipment (Dump Truck # 1 - 14 CY Capacity - FEMA CC 8725) and F/A Labor (actual hourly rate including fringes), load, haul and dump.

9 Hrs. Labor @ \$20.80 = \$187.20

9 Hrs. FA Equip @ 75.00 = \$675.00

- Using F/A Equipment (Dump Truck # 2 - 14 CY Capacity - FEMA CC 8725) and F/A Labor (actual hourly rate including fringes), load, haul and dump.

9 Hrs. Labor @ \$20.80 = \$187.20

9 Hrs. FA Equip @ 75.00 = \$675.00

- Using F/A Equipment (Dump Truck # 3 - 14 CY Capacity - FEMA CC 8725) and F/A Labor (actual hourly rate including fringes), load, haul and dump.

9 Hrs. Labor @ \$20.80 = \$187.20

9 Hrs. FA Equip @ 75.00 = \$675.00

- Using F/A Equipment (Dump Truck # 4 - 14 CY Capacity - FEMA CC 8725) and F/A Labor (actual hourly rate including fringes), load, haul and dump.

9 Hrs. Labor @ \$20.80 = \$187.20

9 Hrs. FA Equip @ 75.00 = \$675.00

- Using F/A Equipment (Dump Truck # 5 - 14 CY Capacity - FEMA CC 8725) and F/A Labor (actual hourly rate including fringes), load, haul and dump.

9 Hrs. Labor @ \$20.80 = \$187.20

9 Hrs. FA Equip @ 75.00 = \$675.00

- Pickup Truck 1 - 1/2 Ton - FEMA CC 8801

2 Hrs. Labor @ \$17.98 = \$35.96

2 Hrs. FA Equip @ 19.95 = \$39.90

- Pickup Truck 2 - 1/2 Ton - FEMA CC 8801

2 Hrs. Labor @ \$17.98 = \$35.96

2 Hrs. FA Equip @ 19.95 = \$39.90

- Using F/A Equipment (Compactor - Vibratory Drum Roller - FEMA CC 8222) and F/A Labor (actual hourly rate including fringes), compact and smooth base and road surfaces. - Dimensions 2580 Ft. long by 20 Ft. Wide by 0.333 Ft. (4 inch) deep

3.9 Hrs. Labor @ \$19.40 = \$75.66

3.9 Hrs. FA Equip @ 28.75 = \$112.13

- Using F/A Equipment (Pneumatic Roller - 9 wheels - FEMA CC 8223) and F/A Labor (actual hourly rate including fringes), compact and smooth base and road surfaces. - Dimensions 2580 Ft. long by 20 Ft. Wide by 0.333 Ft. (4 inch) deep

- 3.3 Hrs. Labor @ \$19.40 = \$64.02
- 3.3 Hrs. FA Equip @ 33.75 = \$111.38
- Using F/A Equipment (Haul Truck with trailer- FEMA CC 8795) and F/A Labor (actual hourly rate including fringes), for transporting, compactors, rollers, back hoes and front end loaders to and from jobsite.
- 2 Hrs. Labor @ \$19.89 = \$39.78
- 2 Hrs. FA Equip @ 41.00 = \$82.00
- Using F/A Equipment (Water Tanker Truck - 4000 Gal. Capacity - FEMA CC 8781) and F/A Labor (actual hourly rate including fringes), to transport water and emulsified asphalt to jobsite and apply liquids (water to Cliché and Asphalt for Tack Coating) to road base materials and surfaces.
- 6.9 Hrs. Labor @ \$20.80 = \$143.52
- 6.9 Hrs. FA Equip @ 51.25 = \$353.63
- Traffic Safety - Flagman # 1 (F/A Labor (actual hourly rate including fringes) controlling ingress and egress of vehicles and providing safety monitoring at jobsites)
- 11.4 Hrs. Labor @ \$18.44 = \$210.22
- Traffic Safety - Flagman # 2 (F/A Labor (actual hourly rate including fringes) controlling ingress and egress of vehicles and providing safety monitoring at jobsites)
- 11.4 Hrs. Labor @ \$20.28 = \$231.19
- Clean Ditches – 2,580 LF @ \$3.40 (FEMA CC 3070)= \$8,772.00

Summary of Estimated Costs

F/A Labor \$1,885.78  
 F/A Equipment \$4,441.53  
 F/A Materials \$3,619.53  
 F/A Ditch Cleaning \$8,772.00

Total this Project: \$18,718.83  
 End of SOW

Current Version:

Site 6 of 7

DAMAGED FACILITY:

Site 06 Location 35

COUNTY: Hidalgo

LOCATION:

PA-06-TX-4223-PW-01138(0):  
 Site # 35 Lat.: 26.35084 Long.: -98.03821 to Lat.: 26.3577 Long.: -98.03482 Sunflower Road Starting at Mile 20 and heading north to dead end. See attached pictures labelled as Site 35 photos.

LATITUDE:  
 26.35084  
 26.3577

LONGITUDE:  
 -98.03821  
 -98.03482

Current Version:

DAMAGE DESCRIPTION AND DIMENSIONS:

PA-06-TX-4223-PW-01138(0):  
 DDD

During the Declared event period, running and standing floodwaters at a depth of 2 Ft. submerged this section of Caliche roadway for a period of Two (2) Months. Additionally, running floodwaters washed away 4 Inches (depth) of the road surface, depositing the Caliche into ditches and adjacent fields. The Ditches on Two (2) sides of this road needs to be cleaned and the roadway needs 4 Inches of Caliche installed to restore it to pre event conditions:

- Caliche - Dimensions 2640 Ft. long by 20 Ft. Wide by 0.330 Ft. (4 inch) deep = 645.33 CY
- Ditch Needs Cleaned - 5280 Ft. long – [total for Two (2) sides of the road].

This road, while in fair condition is nonetheless recommended as eligible damages, the rationale for this recommendation is based on the FEMA TAC Technical Specialists' Inspection, assessment and observations of road sections along this road that were not submerged and exposed to running floodwaters; these Caliche wear surfaces remained even planed, adhered to the base material; and, intact throughout. Had this damaged section of road not been submerged and subjected to running waters for a protracted period of time, the likelihood is it would have remained intact. Therefore the damages are recommended as eligible in accordance with 44 CFR §206.223 (a) (1) (2) (3).  
 End of DDD

Current Version:

SCOPE OF WORK:

PA-06-TX-4223-PW-01138(0):  
 SOW  
 Work to Be Completed

The Applicant will use Force Account Labor [using actual hourly rates (including Fringes)], Force Account Equipment (using FEMA Cost Codes), and Force Account Materials [using recent local historical costs (current contracts for Force Account Material vendors and invoices attached)] to perform and execute the Work to Be Completed. The FEMA TAC Technical Specialist formulating this Project and Sub Grant Application has worked closely with The Applicants Director of Roads and Bridges to benchmark Labor, Equipment and Material requirements based on production rates obtained from recent historical data supplied by the Applicant for similar work in scope and volume using Force Account assets; and, after concurring that the Scope, Labor, Equipment and Material quantities and costs were reasonable, In a unified effort, estimated the costs of all work tasks contained in this Scope of work. A copy of the estimate formulated for this site is attached to this Project. This Scope of Work and associated estimated Costs are recommended as eligible in accordance with 44 CFR §206.228 (a) (ii) (iii) (2) (I).

#### Scope Items

Install Caliche road surface to a depth of 4 Inches (deep) and Clean Ditches.

- Caliche - Dimensions 2640 Ft. long by 20 Ft. Wide by 0.330 Ft. (4 inch) deep = 645.33 CY
- Clean Ditch – 5,280 LF (total of both sides of this road)

Pick up material (Caliche) from vendor location and haul to site, Install and grade wear surface (4 Inch deep Caliche) which will restore to a 4 Inch depth that preexisted the event.

Mobilize Pick up and deliver material in place

	Truck Loads	Dump Truck Hours	Hours Per	Each of 5 Trucks
Caliche	46.10	46.10		

Total 46 9

Total Truck Hours Needed per truck (Demo and Install) 9.22 Actual

#### Estimated Costs

##### Material

- Caliche - Actual F/A Cost - Dimensions 2640 Ft. long by 20 Ft. Wide by 0.330 Ft. (4 inch) deep = 645.33 CY @ 3,500 Lbs. /CY => 1,129.33 Tons @ \$3.25 = \$3,670.33

##### Equipment and Labor

- Using F/A Equipment (Grader with 14 Ft. Moldboard - FEMA CC 8331) and F/A Labor (actual hourly rate including fringes), grade road surface. - Dimensions 2640 Ft. long by 20 Ft. Wide by 0.330 Ft. (4 inch) deep

4 Hrs. Labor @ \$28.72 = \$114.88

4 Hrs. FA Equip @ 84.00 = \$336.00

- Using F/A Equipment (Dump Truck # 1 - 14 CY Capacity - FEMA CC 8725) and F/A Labor (actual hourly rate including fringes), load, haul and dump.

9.22 Hrs. Labor @ \$20.80 = \$191.78

9.22 Hrs. FA Equip @ 75.00 = \$691.50

- Using F/A Equipment (Dump Truck # 2 - 14 CY Capacity - FEMA CC 8725) and F/A Labor (actual hourly rate including fringes), load, haul and dump.

9.22 Hrs. Labor @ \$20.80 = \$191.78

9.22 Hrs. FA Equip @ 75.00 = \$691.50

- Using F/A Equipment (Dump Truck # 3 - 14 CY Capacity - FEMA CC 8725) and F/A Labor (actual hourly rate including fringes), load, haul and dump.

9.22 Hrs. Labor @ \$20.80 = \$191.78

9.22 Hrs. FA Equip @ 75.00 = \$691.50

- Using F/A Equipment (Dump Truck # 4 - 14 CY Capacity - FEMA CC 8725) and F/A Labor (actual hourly rate including fringes), load, haul and dump.

9.22 Hrs. Labor @ \$20.80 = \$191.78

9.22 Hrs. FA Equip @ 75.00 = \$691.50

- Using F/A Equipment (Dump Truck # 5 - 14 CY Capacity - FEMA CC 8725) and F/A Labor (actual hourly rate including fringes), load, haul and dump.

9.22 Hrs. Labor @ \$20.80 = \$191.78

9.22 Hrs. FA Equip @ 75.00 = \$691.50

- Pickup Truck 1 - 1/2 Ton - FEMA CC 8801

2 Hrs. Labor @ \$17.98 = \$35.96

2 Hrs. FA Equip @ 19.95 = \$39.90

- Pickup Truck 2 - 1/2 Ton - FEMA CC 8801

2 Hrs. Labor @ \$17.98 = \$35.96

2 Hrs. FA Equip @ 19.95 = \$39.90

- Using F/A Equipment (Compactor - Vibratory Drum Roller - FEMA CC 8222) and F/A Labor (actual hourly rate including fringes),

compact and smooth base and road surfaces. - Dimensions 2640 Ft. long by 20 Ft. Wide by 0.330 Ft. (4 inch) deep

4 Hrs. Labor @ \$19.40 = \$77.60

4 Hrs. FA Equip @ 28.75 = \$115.00

- Using F/A Equipment (Pneumatic Roller - 9 wheels - FEMA CC 8223) and F/A Labor (actual hourly rate including fringes), compact and smooth base and road surfaces. - Dimensions 2580 Ft. long by 20 Ft. Wide by 0.333 Ft. (4 inch) deep

3.4 Hrs. Labor @ \$19.40 = \$65.96

3.4 Hrs. FA Equip @ 33.75 = \$114.75

- Using F/A Equipment (Haul Truck with trailer- FEMA CC 8795) and F/A Labor (actual hourly rate including fringes), for transporting, compactors, rollers, back hoes and front end loaders to and from jobsite.

2 Hrs. Labor @ \$19.89 = \$39.78

2 Hrs. FA Equip @ 41.00 = \$82.00

- Using F/A Equipment (Water Tanker Truck - 4000 Gal. Capacity - FEMA CC 8781) and F/A Labor (actual hourly rate including fringes), to transport water and emulsified asphalt to jobsite and apply liquids (water to Cliché and Asphalt for Tack Coating) to road base materials and surfaces.

7 Hrs. Labor @ \$20.80 = \$145.60

7 Hrs. FA Equip @ 51.25 = \$358.75

- Traffic Safety - Flagman # 1 (F/A Labor (actual hourly rate including fringes) controlling ingress and egress of vehicles and providing safety monitoring at jobsites)

11.6 Hrs. Labor @ \$18.44 = \$213.90

- Traffic Safety - Flagman # 2 (F/A Labor (actual hourly rate including fringes) controlling ingress and egress of vehicles and providing safety monitoring at jobsites)

11.6 Hrs. Labor @ \$20.28 = \$235.25

- Clean Ditches – 5,280 LF @ \$3.40 (FEMA CC 3070)= \$17,952.00

Summary of Estimated Costs

F/A Labor \$1,925.23

F/A Equipment \$4,543.80

F/A Materials \$3,670.33

F/A Ditch Cleaning \$17,952.00

Total this Project: \$28,091.37

End of SOW

Current Version:

Site 7 of 7

DAMAGED FACILITY:

Site 07 Location 36

COUNTY: Hidalgo

LOCATION:

PA-06-TX-4223-PW-01138(0):

Site # 36 Lat.: 26.28984 Long.: -98.10262 to Lat.: 26.29043 Long.: -98.10665 East Curry Road. See attached pictures labelled as Site 36 photos.

LATITUDE:

26.28984

26.29043

LONGITUDE:

-98.10262

-98.10665

Current Version:

DAMAGE DESCRIPTION AND DIMENSIONS:

PA-06-TX-4223-PW-01138(0):

DDD

During the Declared event period, standing floodwaters at a depth of 2 Ft. submerged this section of paved roadway for a period of longer than Four (4) Weeks. Water saturated the base material (Caliche) which caused the road wear surface (Asphalt) to severely undulate, rut and delaminate. To restore the road to pre event form and function, the Applicant will need to replace the following:

- Caliche - Dimensions 1056 Ft. long by 33 Ft. Wide by 0.330 Ft. (4 inch) deep = 425.92 CY

- Asphalt Wear Surface - Dimensions 1056 Ft. long by 33 Ft. Wide by 0.166 Ft. (2 inch) deep = 214.25 CY

This road, while in fair condition is nonetheless recommended as eligible damages, the rationale for this recommendation is based on the FEMA TAC Technical Specialists' Inspection, assessment and observations of road sections along this road that were not submerged; these asphalt wear surfaces remained even planed, adhered to the base material; and, intact in spite of exhibiting signs of fair condition throughout. Had this damaged section of road not been submerged for a protracted period of time, the likelihood is it would have remained intact. Therefore the damages are recommended as eligible in accordance with 44 CFR §206.223 (a) (1) (2) (3).

End of DDD

Current Version:

SCOPE OF WORK:

PA-06-TX-4223-PW-01138(0):

SOW

Work Completed

The Applicant will use Force Account Labor [using actual hourly rates (including Fringes)], Force Account Equipment (using FEMA Cost Codes), and Force Account Materials [using recent local historical costs (current contracts for Force Account Material vendors and invoices attached)] to perform and execute the Work to Be Completed. The FEMA TAC Technical Specialist formulating this Project and Sub Grant Application has worked closely with The Applicants Director of Roads and Bridges to benchmark Labor, Equipment and Material requirements based on production rates obtained from recent historical data supplied by the Applicant for similar work in scope and volume using Force Account assets; and, after concurring that the Scope, Labor, Equipment and Material quantities and costs were reasonable, In a unified effort, estimated the costs of all work tasks contained in this Scope of work. A copy of the estimate formulated for this site is attached to this Project. This Scope of Work and associated estimated Costs are recommended as eligible in accordance with 44 CFR §206.228 (a) (ii) (iii) (2) (I).

Scope Items

Remove and Haul existing materials for repurposing to Applicants Storage Yard facility (Applicant will mill broken asphalt and Caliche for future use as patch materials):

- Caliche - Dimensions 1056 Ft. long by 33 Ft. Wide by 0.330 Ft. (4 inch) deep = 425.92 CY
- Asphalt Wear Surface - Dimensions 1056 Ft. long by 33 Ft. Wide by 0.166 Ft. (2 inch) deep = 214.25 CY

Demo and Haul Away

Truck Loads	Dump Truck Hours	Hours Per Each of 5 Trucks
Caliche 30	30.42	
Asphalt 15	15.30	
Total 46	9	

Pick up materials from vendor locations and haul to site, Install and grade base (4 Inch deep Caliche) which will restore to a 4 Inch base that preexisted the event, Compact base, install Tack Coat (emulsified asphalt), install, and roll in wear surface (2 Inch of Hot Asphalt Wear Surface)

Mobilize Pick up and deliver material in place

Truck Loads	Dump Truck Hours	Hours Per Each of 5 Trucks
Caliche 30.42	30.42	
Asphalt 15.30	15.30	
Total 46	9	

Total Truck Hours Needed per truck (Demo and Install) 18.29 Actual

Estimated Costs

Material

- Caliche - Actual F/A Cost - Dimensions 1056 Ft. long by 33 Ft. Wide by 0.330 Ft. (4 inch) deep = 425.92 CY @ 3,500 Lbs. /CY => 745.36 Tons @ \$3.25 = \$2,422.42
- Asphalt including emulsified tack coat - Actual F/A Cost - Dimensions 1056 Ft. long by 33 Ft. Wide by 0.166 Ft. (2 inch) deep = 214.25 CY @ 4,212 Lbs. /CY => 451.21 Tons @ \$58.50 = \$26,395.90

Equipment and Labor

- Using F/A Equipment (Grader with 14 Ft. Moldboard - FEMA CC 8331) and F/A Labor (actual hourly rate including fringes), grade road surface. - Dimensions 1056 Ft. long by 33 Ft. Wide by 0.333 Ft. (4 inch) deep  
3 Hrs. Labor @ \$28.72 = \$86.16  
3 Hrs. FA Equip @ 84.00 = \$252.00
- Using F/A Equipment (Paver - FEMA CC 8432) and F/A Labor (actual hourly rate including fringes), grade road surface. - Dimensions 1056 Ft. long by 33 Ft. Wide by 0.166 Ft. (2 inch) deep  
5 Hrs. Labor @ \$20.06 = \$100.30  
5 Hrs. FA Equip @ 135.00 = \$675.00
- Using F/A Equipment (Dump Truck # 1 - 14 CY Capacity - FEMA CC 8725) and F/A Labor (actual hourly rate including fringes), load, haul and dump.  
18.29 Hrs. Labor @ \$20.80 = \$380.43  
18.29 Hrs. FA Equip @ 75.00 = \$1,371.75
- Using F/A Equipment (Dump Truck # 2 - 14 CY Capacity - FEMA CC 8725) and F/A Labor (actual hourly rate including fringes), load, haul and dump.  
18.29 Hrs. Labor @ \$20.80 = \$380.43  
18.29 Hrs. FA Equip @ 75.00 = \$1,371.75
- Using F/A Equipment (Dump Truck # 3 - 14 CY Capacity - FEMA CC 8725) and F/A Labor (actual hourly rate including fringes), load, haul and dump.  
18.29 Hrs. Labor @ \$20.80 = \$380.43  
18.29 Hrs. FA Equip @ 75.00 = \$1,371.75

- Using F/A Equipment (Dump Truck # 4 - 14 CY Capacity - FEMA CC 8725) and F/A Labor (actual hourly rate including fringes), load, haul and dump.  
18.29 Hrs. Labor @ \$20.80 = \$380.43  
18.29 Hrs. FA Equip @ 75.00 = \$1,371.75
- Using F/A Equipment (Dump Truck # 5 - 14 CY Capacity - FEMA CC 8725) and F/A Labor (actual hourly rate including fringes), load, haul and dump.  
18.29 Hrs. Labor @ \$20.80 = \$380.43  
18.29 Hrs. FA Equip @ 75.00 = \$1,371.75
- Pickup Truck 1 - 1/2 Ton - FEMA CC 8801  
2 Hrs. Labor @ \$17.98 = \$35.96  
2 Hrs. FA Equip @ 19.95 = \$39.90
- Pickup Truck 2 - 1/2 Ton - FEMA CC 8801  
2 Hrs. Labor @ \$17.98 = \$35.96  
2 Hrs. FA Equip @ 19.95 = \$39.90
- Using F/A Equipment (Compactor - Vibratory Drum Roller - FEMA CC 8222) and F/A Labor (actual hourly rate including fringes), compact and smooth base and road surfaces. - Dimensions 1056 Ft. long by 33 Ft. Wide by 0.500 Ft. (6 inch) deep  
3 Hrs. Labor @ \$19.40 = \$58.20  
3 Hrs. FA Equip @ 28.75 = \$86.25
- Using F/A Equipment (Pneumatic Roller - 9 wheels - FEMA CC 8223) and F/A Labor (actual hourly rate including fringes), compact and smooth base and road surfaces. - Dimensions 1056 Ft. long by 33 Ft. Wide by 0.500 Ft. (6 inch) deep  
2.6 Hrs. Labor @ \$19.40 = \$50.44  
2.6 Hrs. FA Equip @ 33.75 = \$87.75
- Using F/A Equipment (Front End Loader - 5 CY Capacity - FEMA CC 8395) and F/A Labor (actual hourly rate including fringes), scrape up road surface and load dump trucks. - Dimensions 1056 Ft. long by 33 Ft. Wide by 0.500 Ft. (6 inch) deep  
5.7 Hrs. Labor @ \$21.21 = \$120.90  
5.7 Hrs. FA Equip @ 74.50 = \$424.65
- Using F/A Equipment (Haul Truck with trailer- FEMA CC 8795) and F/A Labor (actual hourly rate including fringes), for transporting, compactors, rollers, back hoes and front end loaders to and from jobsite.  
2 Hrs. Labor @ \$19.89 = \$39.78  
2 Hrs. FA Equip @ 41.00 = \$82.00
- Using F/A Equipment (Water Tanker Truck - 4000 Gal. Capacity - FEMA CC 8781) and F/A Labor (actual hourly rate including fringes), to transport water and emulsified asphalt to jobsite and apply liquids (water to Cliché and Asphalt for Tack Coating) to road base materials and surfaces.  
5 Hrs. Labor @ \$20.80 = \$104.00  
5 Hrs. FA Equip @ 51.25 = \$256.25
- Traffic Safety - Flagman # 1 (F/A Labor (actual hourly rate including fringes) controlling ingress and egress of vehicles and providing safety monitoring at jobsites)  
8.3 Hrs. Labor @ \$18.44 = \$153.05
- Traffic Safety - Flagman # 2 (F/A Labor (actual hourly rate including fringes) controlling ingress and egress of vehicles and providing safety monitoring at jobsites)  
8.3 Hrs. Labor @ \$20.28 = \$168.32

#### Summary of Estimated Costs

F/A Labor \$2,856.69  
F/A Equipment \$8,802.45  
F/A Materials \$28,818.32

Total this Project: \$40,477.46  
End of SOW  
Project Notes:

-- DIRECT ADMINISTRATIVE COSTS (ESTIMATED): Direct Administrative Costs (Sub Grantee) 9901 has been estimated from the DAC Spreadsheet (Attached). These costs were calculated based on the total project value. The Sub Grantee has been notified that back-up documentation will be requested at close-out which supports all costs incurred for assistance in formulating or administering this project assistance grant.

-- FEDERAL AID ROADS: Project Specialist has validated that none of the sites in this project are listed on the Federal Functional Classification System as Major Collectors, Minor Arterials, Principal Arterials, or Interstate, receiving federal funding.

-- ROAD PROJECTS (FIRMette Requirement): Any road being repaired to pre-disaster design, function, capacity that does not include a hazard mitigation proposal, will not require a FIRMette. If any work to repair the road requires work outside the original footprint a FIRMette will be required.

-- 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.

- 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.

-- 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 Sub Grantee must maintain all work-related records for a period of three (3) years from Sub Grantee 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 Sub Grantee 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: [select all that apply and include data dates]

- Unit Costs provided by Applicant - Force Account Labor Rates (including Fringes)
- FEMA cost codes - For Force3 Account Equipment
- Local material cost - Force Account Material Costs

-- 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 thru 06/22/2015 with the exception of requests for alternate or improved projects.

-- HAZARD MITIGATION PROPOSAL: Hazard Mitigation under section 406 has been considered for this project and due to the type of work or project, effective mitigation is not feasible within the requirements of 44 CFR 206.226(c).

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 type="checkbox"/> Yes <input checked="" 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	9888	Site 7 Site 07 Location 36 Work Completed	1/LS	\$ 40,477.46	\$ 40,477.46
		Work To Be Completed			
2	9888	Site 1 Site 01 Location 30 Work To Be Completed	1/LS	\$ 0.00	\$ 0.00

3	9888	Site 2 Site 02 Location 31 Work To Be Completed	1/LS	\$ 51,154.86	\$ 51,154.86
4	9888	Site 3 Site 03 Location 32 Work To Be Completed	1/LS	\$ 19,788.42	\$ 19,788.42
5	9888	Site 4 Site 04 Location 33 Work To Be Completed	1/LS	\$ 20,998.51	\$ 20,998.51
6	9888	Site 5 Site 05 Location 34 Work To Be Completed	1/LS	\$ 18,718.84	\$ 18,718.84
7	9888	Site 6 Site 06 Location 35 Work To Be Completed	1/LS	\$ 28,091.36	\$ 28,091.36
		Direct Subgrantee Admin Cost			
8	9888	Site 2 Site 02 Location 31 Direct Subgrantee Admin Cost	1/LS	\$ 672.00	\$ 672.00
9	9888	Site 3 Site 03 Location 32 Direct Subgrantee Admin Cost	1/LS	\$ 489.00	\$ 489.00
10	9888	Site 4 Site 04 Location 33 Direct Subgrantee Admin Cost	1/LS	\$ 489.00	\$ 489.00
11	9888	Site 5 Site 05 Location 34 Direct Subgrantee Admin Cost	1/LS	\$ 489.00	\$ 489.00
12	9888	Site 6 Site 06 Location 35 Direct Subgrantee Admin Cost	1/LS	\$ 576.00	\$ 576.00
13	9888	Site 7 Site 07 Location 36 Direct Subgrantee Admin Cost	1/LS	\$ 576.00	\$ 576.00
				<b>TOTAL COST</b>	\$ 182,520.45
PREPARED BY CHARLES M LOIHLE			TITLE	SIGNATURE	<i>Charles M Loihle</i>
APPLICANT REP. Ramon Garcia			TITLE Hidalgo County Judge	SIGNATURE	