REGION 5 NECHES 2023 REGIONAL FLOOD PLAN

JULY 2023

PREPARED FOR THE REGION 5 NECHES FLOOD PLANNING GROUP

APPENDIX 5-C FLOOD MANAGEMENT EVALUATIONS (FME), FLOOD MANAGEMENT STRATEGIES (FMS), AND FLOOD MITIGATION PROJECT ONE-PAGERS

Title City of Daisetta Drainage Projects

ID# 051000135 Sponsor Daisetta (Municipality)

Complies with RFPG Goals Reason for Recommended by RFPG? Yes

Recommendation



Study Details

Study type County Liberty **Project Planning**

Study description Evaluate project to quantify benefits, evaluate impacts, and begin design. Project consists of drainage improvements throughout the city

to include widening culverts and ditches.

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? No

Drainage area (sq. mi., est.) 1

Goal(s) Goal 1: An average of 10% of the new regional infrastructure projects between 2023 – 2033 will utilize larger storm events (>100-year) as the basis of their design.

Goal 2: An average of 25% of the new regional infrastructure projects between 2033- 2053 will utilize larger storm events (>100-year) as the basis of their design.

Goal 3: RFPG must consider in all projects and should incorporate nature-based practices and floodplain preservation in an average of 10% of their new flood risk reduction projects between 2023 - 2033.

Goal 4: RFPG must consider in all projects and should incorporate nature-based practices and floodplain preservation in an average of 25% of their new flood risk reduction projects between 2033 - 2053.

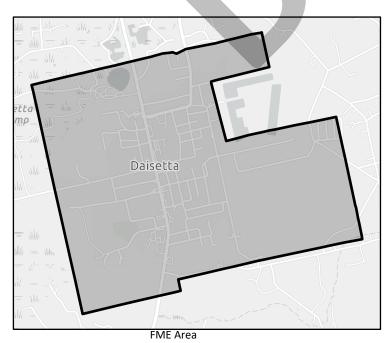
Goal 5: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 10% of structures.

100-Year Flood Risk Summary

Population at risk 0	# of structur	es 0 #	of critical facilities 0
Flood risk type: Riverine? Yes	Coastal? No	Local Flooding? No	Other? Yes
Farm/Ranch land impacted (ac.)		Roadways impacted (miles)	0
# of low water crossings		# of historical road closures	0

Estimated Cost and Funding Availability

Potential federal Potential Federal funding availability? Yes \$150,000 **Funding Sources** Cost





Regional view of FME area

Title Liberty County Culvert Replacement Project

ID# 051000136 Sponsor Liberty (County)

Reason for Recommended by RFPG? Yes

Recommendation

Complies with RFPG Goals



Study Details

Study type County Liberty **Project Planning**

Study description Evaluate project to quantify benefits, evaluate impacts, and begin design. Project consists of increasing culvert size in identified flood

hazard problem areas within Liberty County.

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? Yes

Drainage area (sq. mi., est.) 235

Goal(s) Goal 1: An average of 10% of the new regional infrastructure projects between 2023 – 2033 will utilize larger storm events (>100-year) as the basis of their design.

Goal 2: An average of 25% of the new regional infrastructure projects between 2033- 2053 will utilize larger storm events (>100-year) as the basis of their design.

Goal 3: RFPG must consider in all projects and should incorporate nature-based practices and floodplain preservation in an average of 10% of their new flood risk reduction projects between 2023 - 2033.

Goal 4: RFPG must consider in all projects and should incorporate nature-based practices and floodplain preservation in an average of 25% of their new flood risk reduction projects between 2033 - 2053.

Goal 5: Reduce the number of critical facilities in the 100-year flood risk inundation extents by 15%.

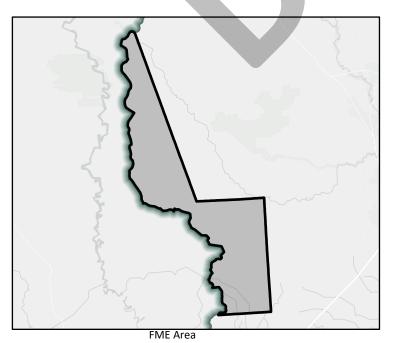
Goal 6: Reduce the number of critical facilities in the 100-year flood risk inundation extents by 25%.

100-Year Flood Risk Summary

Population at risk 143		# of structure	es 116	# of critical facilities 1
Flood risk type: Riverine? Yes		Coastal? No	Local Flooding? No	Other? Yes
Farm/Ranch land impacted (ac.)	1,526		Roadways impacted (miles)	7
# of low water crossings	0		# of historical road closures	0

Estimated Cost and Funding Availability

Potential federal Potential Federal funding availability? Yes \$100,657 **Funding Sources** Cost





Regional view of FME area

Title Liberty County Recanalization Feasibility Study

ID# 051000137 Sponsor Liberty (County)

Reason for Recommended by RFPG? Yes

Recommendation

Complies with RFPG Goals



Study Details

Study type County Liberty **Project Planning**

Study description Evaluate project to quantify benefits, evaluate impacts, and begin design. Project consists of dechannelizing existing feeder creeks that

flow from north to south and improve drainage for storm water runoff.

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? Yes

Drainage area (sq. mi., est.) 235

Goal(s) Goal 1: An average of 10% of the new regional infrastructure projects between 2023 – 2033 will utilize larger storm events (>100-year) as the basis of their design.

Goal 2: An average of 25% of the new regional infrastructure projects between 2033- 2053 will utilize larger storm events (>100-year) as the basis of their design.

Goal 3: RFPG must consider in all projects and should incorporate nature-based practices and floodplain preservation in an average of 10% of their new flood risk reduction projects between 2023 - 2033.

Goal 4: RFPG must consider in all projects and should incorporate nature-based practices and floodplain preservation in an average of 25% of their new flood risk reduction projects between 2033 - 2053.

Goal 5: Reduce the number of critical facilities in the 100-year flood risk inundation extents by 15%.

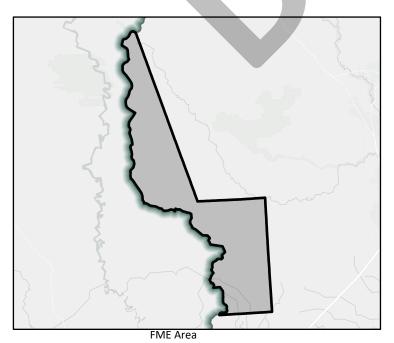
Goal 6: Reduce the number of critical facilities in the 100-year flood risk inundation extents by 25%.

100-Year Flood Risk Summary

Population at risk 143		# of structure	es 116	# of critical facilities 1
Flood risk type: Riverine? Yes		Coastal? No	Local Flooding? No	Other? Yes
Farm/Ranch land impacted (ac.)	1,526		Roadways impacted (miles)	7
# of low water crossings	0		# of historical road closures	0

Estimated Cost and Funding Availability

Potential federal Potential Federal funding availability? Yes \$26,171 **Funding Sources** Cost





Regional view of FME area

Title Stadium Upgrade Pumping Equipment

ID# 051000138 Sponsor Jefferson County Drainage District 7

Complies with RFPG Goals Reason for

Recommended by RFPG? Yes Recommendation



Study Details

Study type County Jefferson **Project Planning**

Study description H&H study to size pump upgrades and improve existing level of service.

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? No

Drainage area (sq. mi., est.) 0

Goal(s) Goal 1: An average of 10% of the new regional infrastructure projects between 2023 – 2033 will utilize larger storm events (>100-year) as the basis of their design.

Goal 2: An average of 25% of the new regional infrastructure projects between 2033- 2053 will utilize larger storm events (>100-year) as the basis of their design.

Goal 3: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 10% of structures.

Goal 4: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 30% of structures.

100-Year Flood Risk Summary

Population at risk 27		# of structure	es 6	# of critical facilities 0
Flood risk type: Riverine? Yes		Coastal? Yes	Local Flooding? No	Other? No
Farm/Ranch land impacted (ac.)	0		Roadways impacted (miles)	0
# of low water crossings	0		# of historical road closures	0

Estimated Cost and Funding Availability

Potential federal Potential Federal funding availability? Yes \$100,000 **Funding Sources** Cost





Regional view of FME area

Title Delmar Upgrade Pumping Equipment

ID# 051000139 Sponsor Jefferson County Drainage District 7

Complies with RFPG Goals Reason for Recommended by RFPG? Yes

Recommendation



Study Details

Study type County Jefferson **Project Planning**

Study description H&H study to size pump upgrades and improve existing level of service.

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? No

Drainage area (sq. mi., est.) 1

Goal(s) Goal 1: An average of 10% of the new regional infrastructure projects between 2023 – 2033 will utilize larger storm events (>100-year) as the basis of their design.

Goal 2: An average of 25% of the new regional infrastructure projects between 2033- 2053 will utilize larger storm events (>100-year) as the basis of their design.

Goal 3: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 10% of structures.

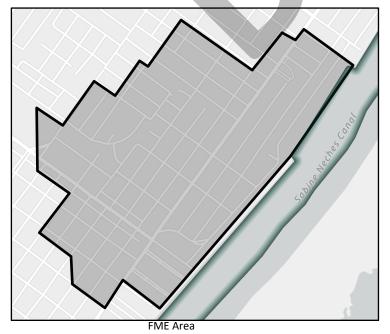
Goal 4: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 30% of structures.

100-Year Flood Risk Summary

Population at risk 1,618	# 0	of structures 676	# of critical facilities 0
Flood risk type: Riverine? Yes	Coastal? Y	es Local Flooding? No	Other? No
Farm/Ranch land impacted (ac.)	0	Roadways impacted (miles	6
# of low water crossings	0	# of historical road closures	0

Estimated Cost and Funding Availability

Potential federal Potential Federal funding availability? Yes \$100,000 **Funding Sources** Cost





Regional view of FME area

Title DeQueen Additional Pumping Equipment

ID# 051000140 Sponsor Jefferson County Drainage District 7

Complies with RFPG Goals Reason for Recommended by RFPG? Yes

Recommendation



Study Details

Study type County Jefferson **Project Planning**

Study description H&H study to size pump upgrades and improve existing level of service.

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? No

Drainage area (sq. mi., est.) 1

Goal(s) Goal 1: An average of 10% of the new regional infrastructure projects between 2023 – 2033 will utilize larger storm events (>100-year) as the basis of their design.

Goal 2: An average of 25% of the new regional infrastructure projects between 2033- 2053 will utilize larger storm events (>100-year) as the basis of their design.

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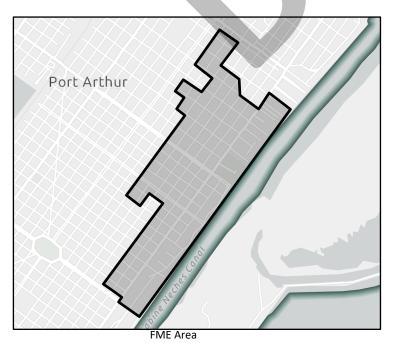
Goal 4: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 30% of structures.

100-Year Flood Risk Summary

Population at risk 0		# of structure	es 0	# of critical facilities 0	
Flood risk type: Riverine? Yes		Coastal? No	Local Flooding? No	Other? No	
Farm/Ranch land impacted (ac.)	0		Roadways impacted (miles)	0	
# of low water crossings	0		# of historical road closures	0	

Estimated Cost and Funding Availability

Potential federal Potential Federal funding availability? Yes \$100,000 **Funding Sources** Cost





Regional view of FME area

Title Tyrrell Park Detention

ID# 051000143 Sponsor Jefferson County Drainage District 6

Reason for Complies with RFPG Goals

Recommendation



Study Details

Study type Project Planning County Jefferson

Study description Install a detention pond in the vicinity of Tyrrell Park Rd. within the city of Beaumont.

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? No

Drainage area (sq. mi., est.) 5

Goal(s) Goal 1: An average of 10% of the new regional infrastructure projects between 2023 – 2033 will utilize larger storm events (>100-year) as the basis of their design.

Goal 2: An average of 25% of the new regional infrastructure projects between 2033- 2053 will utilize larger storm events (>100-year) as the basis of their design.

Goal 3: RFPG must consider in all projects and should incorporate nature-based practices and floodplain preservation in an average of 10% of their new flood risk reduction projects between 2023 - 2033.

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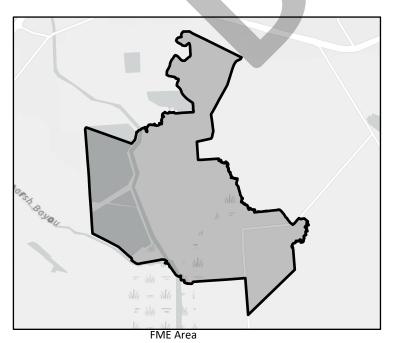
Goal 5: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 10% of structures.

100-Year Flood Risk Summary

Population at risk 0		# of structure	es 1	# of critical facilities 0
Flood risk type: Riverine? Yes		Coastal? No	Local Flooding? No	Other? Yes
Farm/Ranch land impacted (ac.)	258		Roadways impacted (miles)	2
# of low water crossings	0		# of historical road closures	0

Estimated Cost and Funding Availability

Total Cost \$500,000 Potential federal funding availability? Yes Potential Federal Funding Sources





Regional view of FME area

Title Mayhaw Lateral Improvements

ID# 051000144 Sponsor Jefferson County Drainage District 6

Reason for Complies with RFPG Goals

Recommended by RFPG? Yes Recommendation



Study Details

Study type Project Planning County Jefferson, Chambers

Study description Rectify negative impacts to properties downstream of IH-10 caused by additional drainage crossings

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? Yes

Drainage area (sq. mi., est.) 47

Goal(s) Goal 1: An average of 10% of the new regional infrastructure projects between 2023 – 2033 will utilize larger storm events (>100-year) as the basis of their design.

Goal 2: An average of 25% of the new regional infrastructure projects between 2033- 2053 will utilize larger storm events (>100-year) as the basis of their design.

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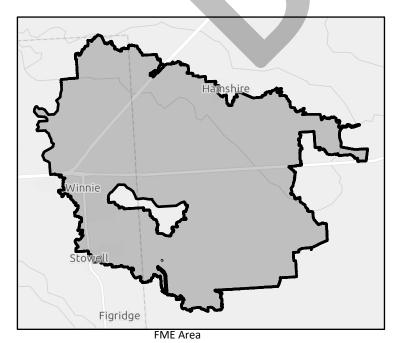
Goal 5: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 10% of structures.

100-Year Flood Risk Summary

Population at risk 551		# of structure	es 401	# of critical facilities 0
Flood risk type: Riverine? Yes		Coastal? No	Local Flooding? No	Other? Yes
Farm/Ranch land impacted (ac.)	2,479		Roadways impacted (miles)	28
# of low water crossings	3		# of historical road closures	3

Estimated Cost and Funding Availability

Total Cost \$2,200,000 Potential federal funding availability? Yes Funding Sources





Title Feasibility Assessment for Increase in Size of Culverts and Railroad Trestles on Major Drainage Structures Throughout Orange County

ID# 051000145 Sponsor Orange County Drainage District

Complies with RFPG Goals Reason for Recommended by RFPG? Yes

Recommendation



Study Details

County Orange Study type **Project Planning**

Study description H&H Study to analyze most efficient alternatives for dredging, widening, or otherwise improving culverts and railroad trestles within

Orange County.

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? Yes

Drainage area (sq. mi., est.) 156

Goal(s) Goal 1: Reduce the number of critical facilities in the 100-year flood risk inundation extents by 15%.

Goal 2: Reduce the number of critical facilities in the 100-year flood risk inundation extents by 25%.

Goal 3: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 10% of structures.

Goal 4: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 30% of structures.

100-Year Flood Risk Summary

Population at risk 11,929 # of structures 5,007 # of critical facilities 36

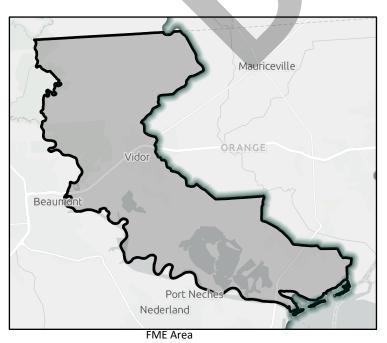
Coastal? Yes Local Flooding? No Flood risk type: Riverine? Yes Other? Yes

Farm/Ranch land impacted (ac.) Roadways impacted (miles) 346 136

of historical road closures # of low water crossings 20 20

Estimated Cost and Funding Availability

Potential federal Potential Federal funding availability? Yes \$150,000 **Funding Sources** Cost





Regional view of FME area

Title Feasibility Assessment of the Capacity of Drainage Ditches and Channels that Convey Stormwater from Neighborhoods Located Within Orange County

ID# 051000146 Sponsor Orange County Drainage District

Complies with RFPG Goals Reason for Recommended by RFPG? Yes

Recommendation



Study Details

Study type County Orange **Project Planning**

Study description H&H Study to analyze most efficient alternatives for improving existing drainage ditches and channels linked to neighborhoods within

Orange County.

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? Yes

Drainage area (sq. mi., est.) 156

Goal(s) Goal 1: RFPG must consider in all projects and should incorporate nature-based practices and floodplain preservation in an average of 10% of their new flood risk reduction projects between 2023 - 2033.

Goal 2: RFPG must consider in all projects and should incorporate nature-based practices and floodplain preservation in an average of 25% of their new flood risk reduction projects between 2033 - 2053.

Goal 3: Reduce the number of critical facilities in the 100-year flood risk inundation extents by 15%.

Goal 4: Reduce the number of critical facilities in the 100-year flood risk inundation extents by 25%.

Goal 5: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 10% of structures.

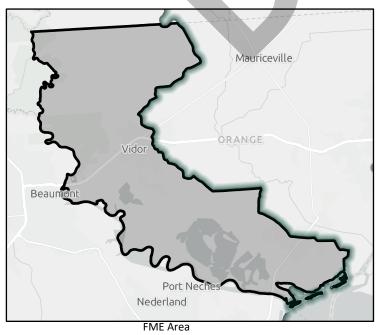
Goal 6: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 30% of structures.

100-Year Flood Risk Summary

Population at risk 11,929		# of structure	es 5,007	# of critical facilities 36
Flood risk type: Riverine? Yes		Coastal? Yes	Local Flooding? No	Other? Yes
Farm/Ranch land impacted (ac.)	346		Roadways impacted (miles)	136
# of low water crossings	20		# of historical road closures	20

Estimated Cost and Funding Availability

Potential federal Potential Federal \$100,000 funding availability? **Funding Sources** Cost





Regional view of FME area

Title Orange County DD Harvey Repairs

ID# 051000147 Sponsor Orange County Drainage District

Complies with RFPG Goals Reason for

Recommended by RFPG? Yes Recommendation



Study Details

County Orange Study type **Project Planning**

Study description Evaluate project to quantify benefits, evaluate impacts, and begin design. Project consists of repairing damage to drainage ditches,

crossings, culverts, levees, and right-of-ways caused by Hurricane Harvey to restore pre-flood capacity.

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? Yes

Drainage area (sq. mi., est.) 156

Goal(s) Goal 1: An average of 10% of the new regional infrastructure projects between 2023 – 2033 will utilize larger storm events (>100-year) as the basis of their design.

Goal 2: An average of 25% of the new regional infrastructure projects between 2033- 2053 will utilize larger storm events (>100-year) as the basis of their design.

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Goal 4: RFPG must consider in all projects and should incorporate nature-based practices and floodplain preservation in an average of 25% of their new flood risk reduction projects between 2033 - 2053.

Goal 5: Reduce the number of critical facilities in the 100-year flood risk inundation extents by 15%.

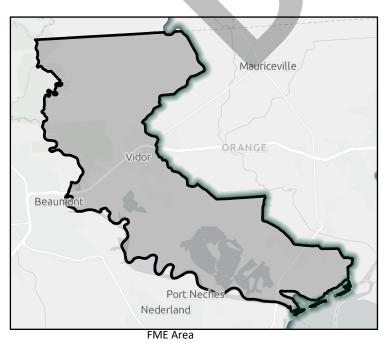
Goal 6: Reduce the number of critical facilities in the 100-year flood risk inundation extents by 25%.

100-Year Flood Risk Summary

Population at risk 11,929 # of structures 5,007 # of critical facilities 36 Local Flooding? No Coastal? Yes Flood risk type: Riverine? Yes Other? Yes Farm/Ranch land impacted (ac.) 346 Roadways impacted (miles) 136 # of historical road closures # of low water crossings 20 20

Estimated Cost and Funding Availability

Potential federal Potential Federal funding availability? Yes \$130,000 **Funding Sources** Cost





Regional view of FME area

Title Orange County DD SW Detention/Retention Facilities

ID# 051000148 Sponsor Orange County Drainage District

Reason for Complies with RFPG Goals

Recommended by RFPG? Yes Recommendation

REGION 5

NECHES

REGIONAL FLOOD PLANNING GROUP

Study Details

Study type Project Planning County Orange

Study description Evaluate project to quantify benefits, evaluate impacts, and begin design. Project consists of stormwater detention/retention facilities

throughout OCDD.

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? Yes Drainage area (sq. mi., est.) 156

Goal(s) Goal 1: An average of 10% of the new regional infrastructure projects between 2023 – 2033 will utilize larger storm events (>100-year) as the basis of their design.

Goal 2: An average of 25% of the new regional infrastructure projects between 2033- 2053 will utilize larger storm events (>100-year) as the basis of their design.

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Goal 4: RFPG must consider in all projects and should incorporate nature-based practices and floodplain preservation in an average of 25% of their new flood risk reduction projects between 2033 - 2053.

Goal 5: Reduce the number of critical facilities in the 100-year flood risk inundation extents by 15%.

Goal 6: Reduce the number of critical facilities in the 100-year flood risk inundation extents by 25%.

100-Year Flood Risk Summary

Population at risk 11,929 # of structures 5,007 # of critical facilities 36

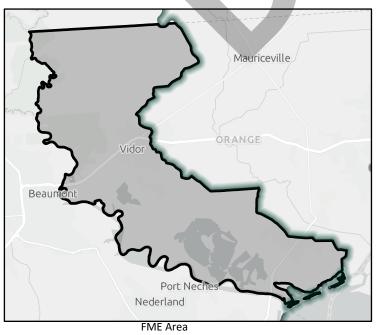
Flood risk type: Riverine? Yes Coastal? Yes Local Flooding? No Other? Yes

Farm/Ranch land impacted (ac.) 346 Roadways impacted (miles) 136

of low water crossings 20 # of historical road closures 20

Estimated Cost and Funding Availability

Total Cost \$130,000 Potential federal funding availability? Yes Potential Federal Funding Sources





Regional view of FME area

Title Feasibility Assessment of Widening and Deepening Segments of Tiger Creek

ID# 051000149 Sponsor Orange County Drainage District

Reason for Complies with RFPG Goals

Recommended by RFPG? Yes Recommendation



Study Details

Study type Project Planning County Orange, Jasper

Study description H&H Study to analyze most efficient alternatives for constructing improvements to segments of Tiger Creek.

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? Yes

Drainage area (sq. mi., est.) 28

Goal(s) Goal 1: An average of 10% of the new regional infrastructure projects between 2023 – 2033 will utilize larger storm events (>100-year) as the basis of their design.

Goal 2: An average of 25% of the new regional infrastructure projects between 2033- 2053 will utilize larger storm events (>100-year) as the basis of their design.

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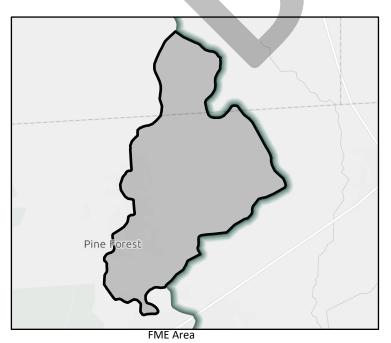
Goal 5: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 10% of structures.

100-Year Flood Risk Summary

Population at risk 1,290		# of structure	es 848	# of critical facilities 0
Flood risk type: Riverine? Yes		Coastal? No	Local Flooding? No	Other? Yes
Farm/Ranch land impacted (ac.)	15		Roadways impacted (miles)	17
# of low water crossings	5		# of historical road closures	5

Estimated Cost and Funding Availability

Total Cost \$150,000 Potential federal funding availability? Yes Funding Sources





Regional view of FME area

Title Feasibility Assessment of Construction of a Stormwater Detention Pond Adjacent to Tiger Creek

ID# 051000150 Sponsor Orange County Drainage District

Complies with RFPG Goals Reason for Recommended by RFPG? Yes

Recommendation



Study Details

Study type County Orange, Jasper **Project Planning**

Study description H&H Study to analyze most efficient alternatives for constructing a stormwater detention pond in the vicinity of Tiger Creek.

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? No

Drainage area (sq. mi., est.) 28

Goal(s) Goal 1: An average of 10% of the new regional infrastructure projects between 2023 – 2033 will utilize larger storm events (>100-year) as the basis of their design.

Goal 2: An average of 25% of the new regional infrastructure projects between 2033- 2053 will utilize larger storm events (>100-year) as the basis of their design.

Goal 3: RFPG must consider in all projects and should incorporate nature-based practices and floodplain preservation in an average of 10% of their new flood risk reduction projects between 2023 - 2033.

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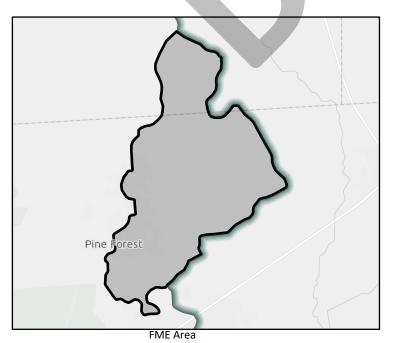
Goal 5: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 10% of structures.

100-Year Flood Risk Summary

Population at risk 1,290		# of structure	es 848	# of critical facilities 0
Flood risk type: Riverine? Yes		Coastal? No	Local Flooding? No	Other? Yes
Farm/Ranch land impacted (ac.)	15		Roadways impacted (miles)	17
# of low water crossings	5		# of historical road closures	5

Estimated Cost and Funding Availability

Potential federal Potential Federal funding availability? Yes \$100,000 **Funding Sources** Cost





Regional view of FME area

Title Feasibility Assessment of Widening and Deepening Segments of Ten-Mile Creek

ID# 051000151 Sponsor Orange County Drainage District

Reason for Complies with RFPG Goals

Recommendation



Study Details

Study type Project Planning County Orange, Jasper

Study description H&H Study to analyze most efficient alternatives for constructing improvements to segments of Ten-Mile Creek.

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? Yes

Drainage area (sq. mi., est.) 46

Goal(s) Goal 1: An average of 10% of the new regional infrastructure projects between 2023 – 2033 will utilize larger storm events (>100-year) as the basis of their design.

Goal 2: An average of 25% of the new regional infrastructure projects between 2033- 2053 will utilize larger storm events (>100-year) as the basis of their design.

Goal 3: RFPG must consider in all projects and should incorporate nature-based practices and floodplain preservation in an average of 10% of their new flood risk reduction projects between 2023 - 2033.

Goal 4: RFPG must consider in all projects and should incorporate nature-based practices and floodplain preservation in an average of 25% of their new flood risk reduction projects between 2033 - 2053.

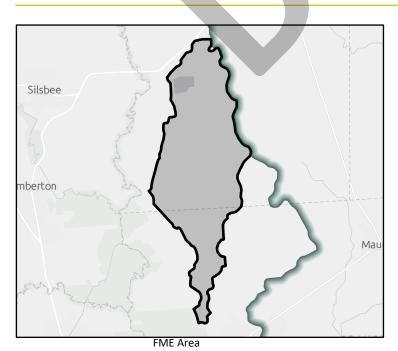
Goal 5: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 10% of structures.

100-Year Flood Risk Summary

Population at risk 768		# of structure	es 415	# of critical facilities 0
Flood risk type: Riverine? Yes	Co	oastal? No	Local Flooding? No	Other? No
Farm/Ranch land impacted (ac.)	44		Roadways impacted (miles)	13
# of low water crossings	2		# of historical road closures	2

Estimated Cost and Funding Availability

Total Cost \$175,000 Potential federal funding availability? Yes Funding Sources





Regional view of FME area

Title Feasibility Assessment of Widening and Deepening Segments of Anderson Gully

ID# 051000152 Sponsor Orange County Drainage District

Complies with RFPG Goals Reason for Recommended by RFPG? Yes

Recommendation



Study Details

Study type County Orange, Jefferson **Project Planning**

Study description H&H Study to analyze most efficient alternatives for constructing improvements to segments of Anderson Gully.

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? Yes

Drainage area (sq. mi., est.) 42

Goal(s) Goal 1: An average of 10% of the new regional infrastructure projects between 2023 – 2033 will utilize larger storm events (>100-year) as the basis of their design.

Goal 2: An average of 25% of the new regional infrastructure projects between 2033- 2053 will utilize larger storm events (>100-year) as the basis of their design.

Goal 3: RFPG must consider in all projects and should incorporate nature-based practices and floodplain preservation in an average of 10% of their new flood risk reduction projects between 2023 - 2033.

Goal 4: RFPG must consider in all projects and should incorporate nature-based practices and floodplain preservation in an average of 25% of their new flood risk reduction projects between 2033 - 2053.

Goal 5: Reduce the number of critical facilities in the 100-year flood risk inundation extents by 15%.

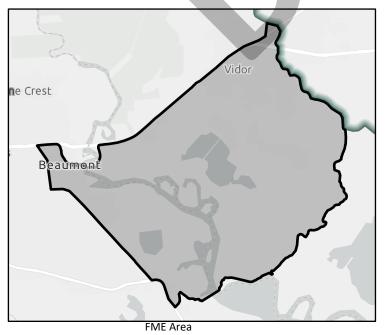
Goal 6: Reduce the number of critical facilities in the 100-year flood risk inundation extents by 25%.

100-Year Flood Risk Summary

Population at risk 3,566		# of structure	es 1,366	# of critical facilities 194
Flood risk type: Riverine? Yes		Coastal? Yes	Local Flooding? No	Other? Yes
Farm/Ranch land impacted (ac.)	140		Roadways impacted (miles)	35
# of low water crossings	9		# of historical road closures	9

Estimated Cost and Funding Availability

Potential federal Potential Federal funding availability? Yes \$325,000 **Funding Sources** Cost





Title City of Bullard Culvert Upgrades

ID# 051000153 Sponsor Bullard (Municipality)

Reason for Complies with RFPG Goals

Recommended by RFPG? Yes Recommendation



Study Details

Study type Project Planning County Smith

Study description Study to evaluate existing culverts for current condition and identify culverts that need to be upgraded.

FME to create new H&H model? Yes

Emergency Need? No

Anticipated models in near term? No

Drainage area (sq. mi., est.) 3

Goal(s) Goal 1: An average of 10% of the new regional infrastructure projects between 2023 – 2033 will utilize larger storm events (>100-year) as the basis of their design.

Goal 2: An average of 25% of the new regional infrastructure projects between 2033- 2053 will utilize larger storm events (>100-year) as the basis of their design.

Goal 3: RFPG must consider in all projects and should incorporate nature-based practices and floodplain preservation in an average of 10% of their new flood risk reduction projects between 2023 - 2033.

Goal 4: RFPG must consider in all projects and should incorporate nature-based practices and floodplain preservation in an average of 25% of their new flood risk reduction projects between 2033 - 2053.

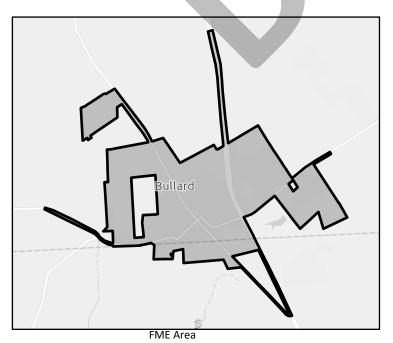
Goal 5: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 10% of structures.

100-Year Flood Risk Summary

Population at risk 0	# of structur	res 0 #	of critical facilities 0
Flood risk type: Riverine? Yes	Coastal? No	Local Flooding? Yes	Other? No
Farm/Ranch land impacted (ac.)		Roadways impacted (miles)	0
# of low water crossings		# of historical road closures	0

Estimated Cost and Funding Availability

Total Cost \$50,000 Potential federal funding availability? Yes Funding Sources





Regional view of FME area

Title Smith County Drainage Capacity Upgrades

ID# 051000154 Sponsor Smith (County)

Reason for Recommended by RFPG? Yes

Recommendation

Complies with RFPG Goals



Study Details

Study type County Smith **Project Planning**

Study description Study to evaluate existing culverts within Smith County and identify culverts that need to be upgraded.

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? Yes

Drainage area (sq. mi., est.) 510

Goal(s) Goal 1: An average of 10% of the new regional infrastructure projects between 2023 – 2033 will utilize larger storm events (>100-year) as the basis of their design.

Goal 2: An average of 25% of the new regional infrastructure projects between 2033- 2053 will utilize larger storm events (>100-year) as the basis of their design.

Goal 3: RFPG must consider in all projects and should incorporate nature-based practices and floodplain preservation in an average of 10% of their new flood risk reduction projects between 2023 - 2033.

Goal 4: RFPG must consider in all projects and should incorporate nature-based practices and floodplain preservation in an average of 25% of their new flood risk reduction projects between 2033 - 2053.

Goal 5: Reduce the number of critical facilities in the 100-year flood risk inundation extents by 15%.

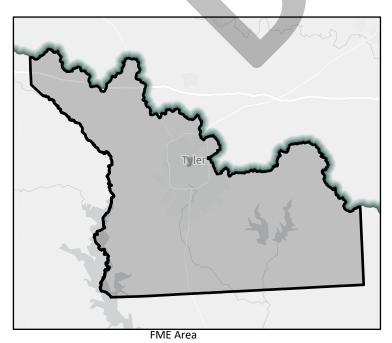
Goal 6: Reduce the number of critical facilities in the 100-year flood risk inundation extents by 25%.

100-Year Flood Risk Summary

Population at risk 8,524		# of structure	es 2,347	# of critical facilities 72	
Flood risk type: Riverine? Yes		Coastal? No	Local Flooding? Yes	Other? Yes	
Farm/Ranch land impacted (ac.)	216		Roadways impacted (miles)	50	
# of low water crossings	42		# of historical road closures	42	

Estimated Cost and Funding Availability

Potential federal Potential Federal funding availability? Yes \$225,000 **Funding Sources** Cost





Regional view of FME area

Title Bridge City Drainage Outfall Improvement Project

ID# 051000155 Sponsor Orange County Drainage District

Complies with RFPG Goals Reason for Recommended by RFPG? Yes

Recommendation



Study Details

Study type County Orange **Project Planning**

Study description Improve and extend three major drainage ditches and extend a neighborhood outfall to reduce structural flooding in residences within the

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? No

Drainage area (sq. mi., est.) 4

Goal(s) Goal 1: RFPG must consider in all projects and should incorporate nature-based practices and floodplain preservation in an average of 10% of their new flood risk reduction projects between 2023 - 2033.

Goal 2: RFPG must consider in all projects and should incorporate nature-based practices and floodplain preservation in an average of 25% of their new flood risk reduction projects between 2033 - 2053.

Goal 3: Reduce the number of critical facilities in the 100-year flood risk inundation extents by 15%.

Goal 4: Reduce the number of critical facilities in the 100-year flood risk inundation extents by 25%.

Goal 5: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 10% of structures.

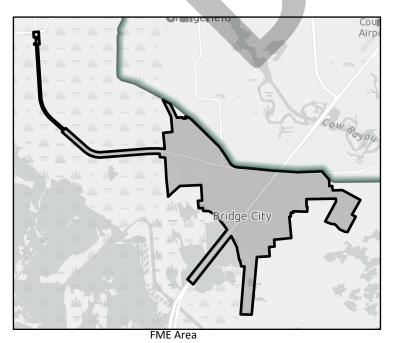
Goal 6: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 30% of structures.

100-Year Flood Risk Summary

Population at risk 5,591		# of structure	s 1,889	of critical facilities 6
Flood risk type: Riverine? Yes		Coastal? Yes	Local Flooding? No	Other? Yes
Farm/Ranch land impacted (ac.)	6		Roadways impacted (miles)	36
# of low water crossings	1		# of historical road closures	1

Estimated Cost and Funding Availability

Potential federal Potential Federal funding availability? Yes \$200,000 **Funding Sources** Cost





Regional view of FME area

Title Colonial Outfall Ditch Culvert Improvements

ID# 051000156 Sponsor Orange County Drainage District

Complies with RFPG Goals Reason for

Recommended by RFPG? Yes Recommendation

REGION 5 NECHES REGIONAL FLOOD PLANNING GROUP

Study Details

County Orange Study type **Project Planning**

Study description H&H Study to analyze most efficient alternatives to install new culverts along FM 1442 (Bridge City) at Colonial Outfall Ditch.

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? No

Drainage area (sq. mi., est.) 1

Goal(s) Goal 1: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 10% of structures.

Goal 2: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 30% of structures.

100-Year Flood Risk Summary

Population at risk 1,217 # of structures 188 # of critical facilities 0

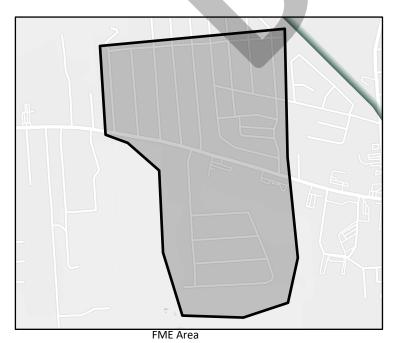
Coastal? Yes Local Flooding? No Flood risk type: Riverine? Yes Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles) 5

of historical road closures # of low water crossings

Estimated Cost and Funding Availability

Potential federal Potential Federal funding availability? Yes \$200,000 **Funding Sources** Cost





Regional view of FME area

Title City of Beaumont Drainage Studies

ID# 051000157 Sponsor Beaumont (Municipality)

Reason for Recommendation



Study Details

Study type Project Planning County Jefferson

Study description Drainage study to evaluate new storm water and sanitary sewer lines associated with reconstruction of key areas in the city to reduce

localized flooding issues.

FME to create new H&H model? Yes

Emergency Need? Yes

Anticipated models in near term? Yes

Drainage area (sq. mi., est.) 1

Goal(s) Goal 1: An average of 10% of the new regional infrastructure projects between 2023 – 2033 will utilize larger storm events (>100-year) as the basis of their design.

Goal 2: An average of 25% of the new regional infrastructure projects between 2033- 2053 will utilize larger storm events (>100-year) as the basis of their design.

100-Year Flood Risk Summary

Population at risk 592 # of structures 29 # of critical facilities 0

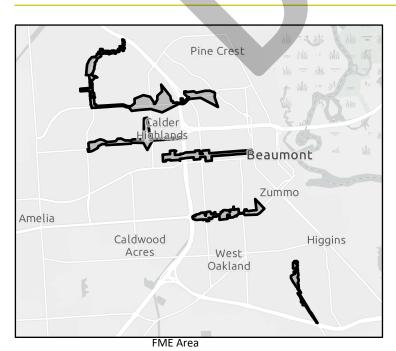
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? Yes

Farm/Ranch land impacted (ac.) 0 Roadways impacted (miles) 0

of low water crossings 0 # of historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$118,750 Potential federal funding availability? Yes Funding Sources





Regional view of FME area

Title North Taylor Regional Detent on Basin

ID# 051000158 Sponsor Jef erson County Drainage District 6

Complies with RFPG Goals Reason for Recommended by RFPG? Yes

Recommendat on



Study Details

County Jef erson Study type **Project Planning**

Study descript on The project proposes a regional detent on facility north of FM365 and west of South China Road in the upper port on of the North Fork of

Taylors Bayou watershed.

FME to create new H&H model? Yes Emergency Need? Yes Ant cipated models in near term? Yes Drainage area (sq. mi., est.) 62

Goal(s) Goal 1: An average of 10% of the new regional infrastructure projects between 2023 - 2033 will ut lize larger storm events (>100-year) as the basis of their design.

Goal 2: An average of 25% of the new regional infrastructure projects between 2033-2053 will utilize larger storm events (>100-year) as the basis of their design.

Goal 3: RFPG must consider in all projects and should incorporate nature-based practices and floodplain preservation in an average of 10% of their new food risk reduct on projects between 2023 - 2033.

Goal 4: RFPG must consider in all projects and should incorporate nature-based pract ces and foodplain preservat on in an average of 25% of their new food risk reduct on projects between 2033 - 2053.

Goal 5: Reduce exposure of existing and future structures in the 100-year food risk inundation extents by elevating, acquiring, relocating, or otherwise providing food protect on to 10% of structures.

100-Year Flood Risk Summary

Population at risk 1,384 # of structures 1.085 # of crit cal facilities ()

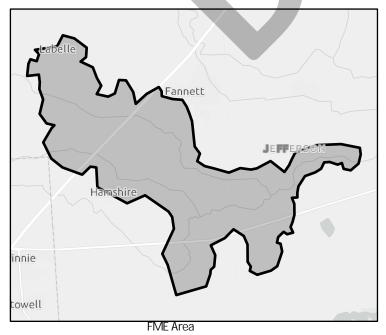
Local Flooding? No Flood risk type: Riverine? Yes Coastal? No Other? Yes

Farm/Ranch land impacted (ac.) Roadways impacted (miles) 5.114 71

of low water crossings 2 # of historical road dosures 2

Est mated Cost and Funding Availability

Potent al federal Potent al Federal FIF Grants, Local funds (JCDD6) funding availability? Yes \$75,000 Funding Sources Cost





Title Mayhaw Bayou Regional Detent on Basin

ID# 051000159 Sponsor Jef erson County Drainage District 6

Complies with RFPG Goals Reason for Recommended by RFPG? Yes

Recommendat on



Study Details

County Jef erson, Chambers Study type **Project Planning**

Study descript on The project proposes conveyance improvements along Mayhaw Bayou and tributaries in the upper port on of the Mayhaw Bayou

watershed (between IH10 and SH124) via widening and deepening of the exist ng channels.

FME to create new H&H model? Yes

Emergency Need? Yes

Ant cipated models in near term? Yes

Drainage area (sq. mi., est.) 16

Goal(s) Goal 1: An average of 10% of the new regional infrastructure projects between 2023 - 2033 will ut lize larger storm events (>100-year) as the basis of their design.

Goal 2: An average of 25% of the new regional infrastructure projects between 2033-2053 will utilize larger storm events (>100-year) as the basis of their design.

Goal 3: RFPG must consider in all projects and should incorporate nature-based practices and floodplain preservation in an average of 10% of their new food risk reduct on projects between 2023 - 2033.

Goal 4: RFPG must consider in all projects and should incorporate nature-based pract ces and foodplain preservat on in an average of 25% of their new food risk reduct on projects between 2033 - 2053.

Roadways impacted (miles)

23

Goal 5: Reduce exposure of existing and future structures in the 100-year food risk inundation extents by elevating, acquiring, relocating, or otherwise providing food protect on to 10% of structures.

100-Year Flood Risk Summary

Farm/Ranch land impacted (ac.)

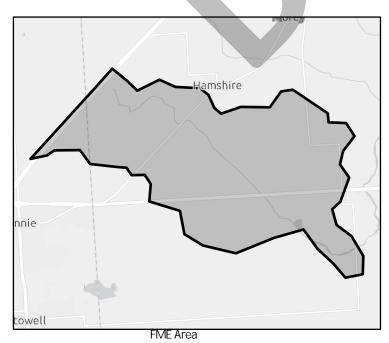
Populat on at risk 510 # of structures 367 # of crit cal facilities ()

Local Flooding? No Flood risk type: Riverine? Yes Coastal? No Other? Yes

of low water crossings 3 # of historical road dosures 3

Est mated Cost and Funding Availability

Potent al federal Potent al Federal FIF Grants, Local funds (JCDD6) \$75,000 funding availability? Funding Sources Cost



1,373



Regional view of FME area

Title South Taylor Regional Detent on Basin

ID# 051000160 Sponsor Jef erson County Drainage District 6

Complies with RFPG Goals Reason for Recommended by RFPG? Yes

Recommendat on



Study Details

County Jef erson Study type **Project Planning**

Study descript on The project proposes a regional detent on facility west of Heizig Road in the watersheds of both the North and South Forks of Taylors

Bayou.

FME to create new H&H model? Yes

Emergency Need? Yes

Ant cipated models in near term? Yes

Drainage area (sq. mi., est.) 72

Goal(s) Goal 1: An average of 10% of the new regional infrastructure projects between 2023 - 2033 will ut lize larger storm events (>100-year) as the basis of their design.

Goal 2: An average of 25% of the new regional infrastructure projects between 2033-2053 will utilize larger storm events (>100-year) as the basis of their design.

Goal 3: RFPG must consider in all projects and should incorporate nature-based practices and floodplain preservation in an average of 10% of their new food risk reduct on projects between 2023 - 2033.

Goal 4: RFPG must consider in all projects and should incorporate nature-based pract ces and foodplain preservat on in an average of 25% of their new food risk reduct on projects between 2033 - 2053.

Goal 5: Reduce exposure of existing and future structures in the 100-year food risk inundation extents by elevating, acquiring, relocating, or otherwise providing food protect on to 10% of structures.

100-Year Flood Risk Summary

Population at risk 1,502 # of structures 1,157 # of crit cal facilities ()

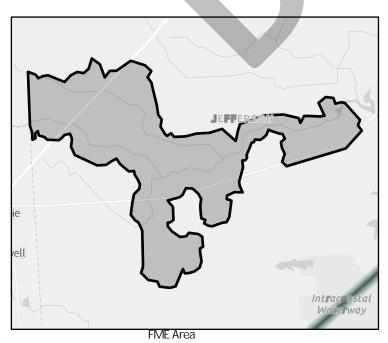
Local Flooding? No Coastal? No Flood risk type: Riverine? Yes Other? Yes

Farm/Ranch land impacted (ac.) Roadways impacted (miles) 5.455 87

of low water crossings # of historical road dosures

Est mated Cost and Funding Availability

Potent al federal Potent al Federal FIF Grants, Local funds (JCDD6) funding availability? Yes \$75,000 Funding Sources Cost





Regional view of FME area

Title Calder Diversion Connect ons

ID# 051000161 Sponsor Jef erson County Drainage District 6

Complies with RFPG Goals Reason for Recommended by RFPG? Yes

Recommendat on



Study Details

County Jef erson Study type **Project Planning**

Study descript on Evaluate sub-surface diversion primarily located along Calder Avenue that discharges into the Neches River.

FME to create new H&H model? Yes

Emergency Need? Yes

Ant cipated models in near term? Yes

Drainage area (sq. mi., est.) 5

Goal(s) Goal 1: An average of 10% of the new regional infrastructure projects between 2023 - 2033 will ut lize larger storm events (>100-year) as the basis of their design.

Goal 2: An average of 25% of the new regional infrastructure projects between 2033-2053 will utilize larger storm events (>100-year) as the basis of their design.

Goal 3: Reduce the number of crit cal facilities in the 100-year food risk inundation extents by 15%.

Goal 4: Reduce the number of crit cal facilities in the 100-year food risk inundation extents by 25%.

100-Year Flood Risk Summary

Population at risk 2,068 # of structures 17 # of crit cal facilities 1

No Flood risk type: Riverine? Yes Coastal? Local Flooding? No Other? Yes

Farm/Ranch land impacted (ac.) Roadways impacted (miles) 0 0

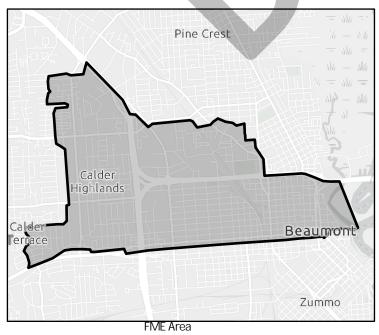
of low water crossings 0 # of historical road dosures 0

Est mated Cost and Funding Availability

Potent al federal funding availability? Yes \$75,000 Cost

Funding Sources

Potent al Federal FIF Grants, Local funds (JCDD6)





Regional view of FME area

Title Needmore Diversion

ID# 051000162 Sponsor Jef erson County Drainage District 6

Complies with RFPG Goals Reason for Recommended by RFPG? Yes

Recommendat on



Study Details

County Jef erson Study type **Project Planning**

Study descript on Evaluate a diversion channel from downstream of Lower Mayhaw Bayou to Needmore

FME to create new H&H model? Yes

Emergency Need? Yes

Ant cipated models in near term? Yes

Drainage area (sq. mi., est.) 51

Goal(s) Goal 1: An average of 10% of the new regional infrastructure projects between 2023 - 2033 will ut lize larger storm events (>100-year) as the basis of their design.

Goal 2: An average of 25% of the new regional infrastructure projects between 2033-2053 will utilize larger storm events (>100-year) as the basis of their design.

Goal 3: Reduce exposure of existing and future structures in the 100-year food risk inundation extents by elevating, acquiring, relocating, or otherwise providing food protect on to 10% of structures.

Goal 4: Reduce exposure of existing and future structures in the 100-year food risk inundation extents by elevating, acquiring, relocating, or otherwise providing food protect on to 30% of structures.

100-Year Flood Risk Summary

Population at risk 632 # of structures 483 # of crit cal facilities ()

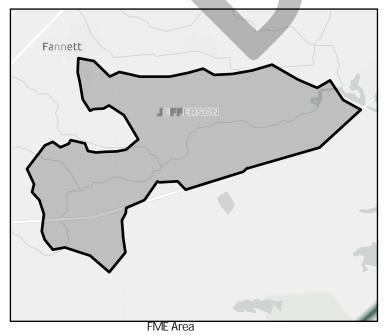
Coastal? Yes Local Flooding? No Flood risk type: Riverine? Yes Other? Yes

Farm/Ranch land impacted (ac.) Roadways impacted (miles) 1,635 34

of low water crossings 0 # of historical road dosures 0

Est mated Cost and Funding Availability

Potent al federal Potent al Federal FIF Grants, Local funds (JCDD6) funding availability? Yes \$75,000 Funding Sources Cost





Title Channel 100-A Concrete Repair

ID# 051000163 Sponsor Jef erson County Drainage District 6

Complies with RFPG Goals Reason for Recommended by RFPG? Yes

Recommendat on



Study Details

County Jef erson Study type **Project Planning**

Study descript on Conduct repairs and install improvements to Channel 100-A located within the city of Beaumont.

FME to create new H&H model? Yes

Emergency Need? Yes

Ant cipated models in near term? Yes

Drainage area (sq. mi., est.) 3

Goal(s) Goal 1: An average of 10% of the new regional infrastructure projects between 2023 - 2033 will ut lize larger storm events (>100-year) as the basis of their design.

Goal 2: An average of 25% of the new regional infrastructure projects between 2033-2053 will utilize larger storm events (>100-year) as the basis of their design.

Goal 3: Reduce the number of crit cal facilities in the 100-year food risk inundation extents by 15%.

Goal 4: Reduce the number of crit cal facilities in the 100-year food risk inundation extents by 25%.

100-Year Flood Risk Summary

Population at risk 7,388 # of structures 1,622 # of crit cal facilities 9

Coastal? Yes Flood risk type: Riverine? Yes Local Flooding? Yes Other? No

Farm/Ranch land impacted (ac.) Roadways impacted (miles) 24

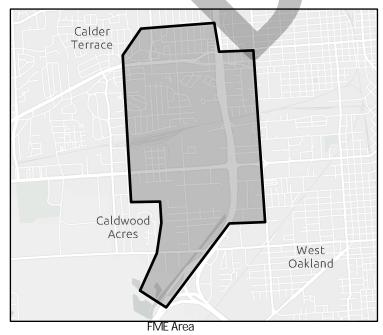
of low water crossings 0 # of historical road dosures 0

Est mated Cost and Funding Availability

Potent al federal funding availability? Yes \$75,000 Cost

Funding Sources

Potent al Federal FIF Grants, Local funds (JCDD6)





Regional view of FME area

Anderson County Flood Education Program Title

ID# 052000001 Sponsor Anderson (County)

Reason for

RFPG recommend? Yes Complies with RFPG Goals Recommendation



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type **Education and Outreach** County Anderson

Strategy description Educate homeowners to increase awareness about the hazard of flooding and to inform residents of mitigation actions to

reduce risk.

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual

Goal(s) Goal 2: Maintain 100% participation of counties performing public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

Population at risk 73	# of structure	es 69	Critical facilities 0	
Flood risk type: Riverine? Ye	Coastal? No	Local? Yes	Playa? No Other?	No
Farm/Ranch land impacted (acres	348	Roadway(s) impacted (mile	s) 22	
Number of low water crossings	2	Historical road closures	2	

100-Year Flood Risk Reduction

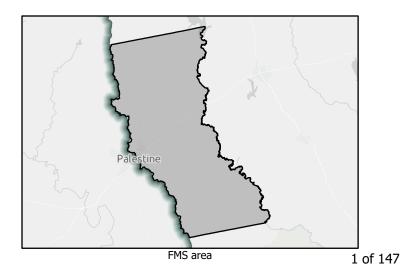
Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$50,000 Amount of available funding % Nature-Based 0





Anderson County Natural Hazards Education Program Development Title

ID# 052000002 Sponsor Anderson (County)

Reason for RFPG recommend? Yes Complies with RFPG Goals Recommendation



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type **Education and Outreach** County Anderson

Strategy description Develop, enhance and implement education programs to increase awareness of natural hazards and to inform residents of

mitigation actions to reduce risk to citizens, public infrastructure, private property owners, businesses and schools.

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual

Goal(s) Goal 2: Maintain 100% participation of counties performing public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

Population at risk 73		# of structures	69		Critical	facilities 0		
Flood risk type: Riverine? Y	es Co	astal? No	Local?	Yes	Playa?	No	Other?	No
Farm/Ranch land impacted (acres	348		Roadway(s) ii	mpacted (miles)	22			
Number of low water crossings	2		Historical roa	d closures	2			

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr

Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

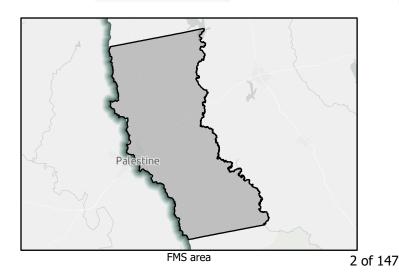
Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$50,000 Amount of available funding % Nature-Based 0





City of Frankston Flood Education Program Title

ID# 052000003 Sponsor Frankston (Municipality)

Reason for

RFPG recommend? Yes Complies with RFPG Goals Recommendation



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type **Education and Outreach** County Anderson

Strategy description The City will provide public education on the dangers of flash flooding, and to inform residents of mitigation actions to reduce

risk to citizens, public infrastructure, private property owners, businesses and schools.

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual

Goal(s) Goal 2: Maintain 100% participation of counties performing public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

Population at risk 0		# of structures	0		Critical	facilities 0		
Flood risk type: Riverine?	Yes	Coastal? No	Local?	Yes	Playa?	No	Other?	No
Farm/Ranch land impacted (acre	es) 0		Roadway(s)	impacted (miles)	0			
Number of low water crossings	0		Historical ro	ad closures	0			

100-Year Flood Risk Reduction

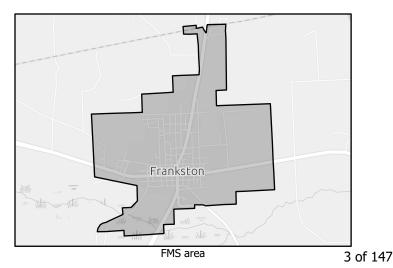
Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$50,000 Amount of available funding % Nature-Based 0





Regional view of FMS area

Angelina County Public Education on Mitigation Techniques Title

ID# 052000004 Sponsor Angelina (County)

RFPG recommend? Yes

Reason for Complies with RFPG Goals Recommendation



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type **Education and Outreach** County Angelina

Strategy description Publish educational materials to inform the public in methods of mitigating private property against natural hazard damage.

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual

Goal(s) Goal 2: Maintain 100% participation of counties performing public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

Population at risk 8,420	# of structures	1,201		Critical	facilities 11		
Flood risk type: Riverine? Ye	Coastal? No	Local?	Yes	Playa?	No	Other?	Yes
Farm/Ranch land impacted (acres	55	Roadway(s) in	mpacted (miles	66			
Number of low water crossings)	Historical roa	d closures	19			

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr

Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

Other benefits Reduction in # of road closures over 10 years

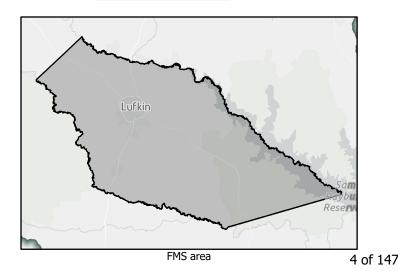
Impacts

Negative impacts? Negative impacts description No

Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$10,000 Amount of available funding % Nature-Based 0





Regional view of FMS area

Chambers County Public Education on Mitigation Techniques Title

ID# 052000005 Sponsor Chambers (County)

Reason for RFPG recommend? Yes Complies with RFPG Goals Recommendation



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type **Education and Outreach** County Chambers

Strategy description Implement an outreach and education campaign to educate the public on mitigation techniques for all hazards to reduce loss of

life and property.

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual

Goal(s) Goal 2: Maintain 100% participation of counties performing public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

Population at risk 1,431		# of	f structures	1,175		Critical	Critical facilities 0				
Flood risk type: Riverine?	Yes	Coastal?	Yes	Local?	No	Playa?	No	Other?	Yes		
Farm/Ranch land impacted (acr	es) 36,933			Roadway(s) ir	mpacted (miles)	162					
Number of low water crossings	0			Historical roa	d closures	0					

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr

Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

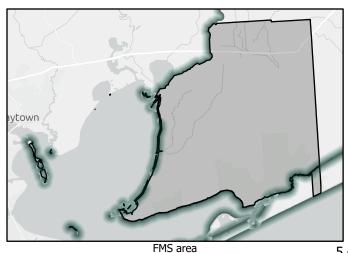
Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$50,000 Amount of available funding % Nature-Based 0





Regional view of FMS area

City of Gallatin "Turn Around Don't Drown" Campaign Title

ID# 052000006 Sponsor Gallatin (Municipality)

Reason for

RFPG recommend? Yes Complies with RFPG Goals Recommendation



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type **Education and Outreach** County Cherokee

Strategy description Promote the "Turn Around Don't Drown" campaign in partnership with DPS.

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual

Goal(s) Goal 2: Maintain 100% participation of counties performing public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

Population at risk 0		# of structures	2		Critical	facilities 0		
Flood risk type: Riverine?	Yes C	Coastal? No	Local?	Yes	Playa?	No	Other?	No
Farm/Ranch land impacted (acre	s) 60		Roadway(s) i	impacted (miles)	1			
Number of low water crossings	0		Historical roa	ad closures	0			

100-Year Flood Risk Reduction

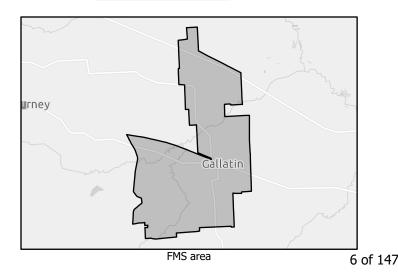
Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$10,000 Amount of available funding % Nature-Based 0





Regional view of FMS area

Title City of Jacksonville Public Education on Mitigation Actions

ID# 052000007 Sponsor Jacksonville (Municipality)

.

RFPG recommend? Yes Reason for Recommendation Complies with RFPG Goals



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type Education and Outreach County Cherokee

Strategy description Develop and implement public education program to educate the public on mitigation actions to reduce their risk, along with

posting updated pertinent weather information on City social media during weather events.

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis

Goal(s) Goal 2: Maintain 100% participation of counties performing public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

Population at risk 606		# of structures	192		Critical	Critical facilities 0				
Flood risk type: Riverine?	'es C	oastal? No	Local?	Yes	Playa?	No	Other?	No		
Farm/Ranch land impacted (acre	s) 4		Roadway(s) i	mpacted (miles)	4					
Number of low water crossings	7		Historical roa	nd closures	7					

100-Year Flood Risk Reduction

Population removed from 100-yr - # of structures removed from 100-yr - Critical facilities removed from 100-yr - Farm/Ranch land removed from 100-yr (acres) - Low water crossings removed from 100-yr - Other benefits - Reduction in # of road closures over 10 years -

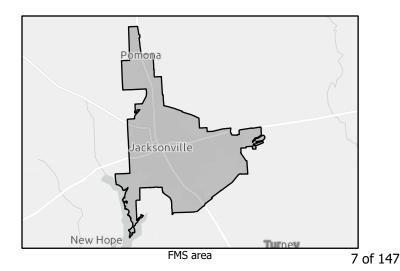
Impacts

Negative impacts?

No Negative impacts description
Water supply contributions? No Water supply contribution description -

Estimated Cost

Strategy Cost \$20,000 Amount of available funding - % Nature-Based 0





City of Rusk "Turn Around Don't Drown" Campaign Title

ID# 052000008 Sponsor Rusk (Municipality)

Reason for RFPG recommend? Yes Complies with RFPG Goals Recommendation

REGION 5 **NECHES**

REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type **Education and Outreach** County Cherokee

Strategy description Promote the "Turn Around Don't Drown" campaign in partnership with DPS.

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual

Goal(s) Goal 2: Maintain 100% participation of counties performing public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

Population at risk 462			f structures	41		Critical facilities 0			
Flood risk type: Riverine?	Yes	Coastal?	No	Local?	Yes	Playa?	No	Other?	No
Farm/Ranch land impacted (acre	s) 1			Roadway(s) ir	mpacted (miles)	2			
Number of low water crossings	0			Historical roa	d closures	0			

100-Year Flood Risk Reduction

Critical facilities removed from 100-yr

Population removed from 100-yr # of structures removed from 100-yr

Farm/Ranch land removed from 100-yr (acres) -Road removed from 100-yr (miles) Low water crossings removed from 100-yr

Other benefits Reduction in # of road closures over 10 years

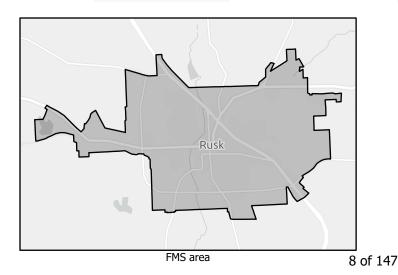
Impacts

Negative impacts? Negative impacts description No

Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$10,000 Amount of available funding % Nature-Based 0





Henderson County Emergency Training Program Title

ID# 052000009 Sponsor Henderson (County)

RFPG recommend? Yes

Reason for Complies with RFPG Goals Recommendation



Strategy Details

Strategy type **Education and Outreach** County Henderson

Strategy description Increase training opportunities for citizens to encourage their involvement in mitigation efforts.

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual

Goal(s) Goal 2: Maintain 100% participation of counties performing public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

Population at risk 267		tructures 240		Critical f	facilities 0		
Flood risk type: Riverine? Ye	Coastal? N	No Local?	Yes	Playa?	No	Other?	Yes
Farm/Ranch land impacted (acres	348	Roadway(s) impacted (mile	es) 20			
Number of low water crossings	I .	Historical	road closures	1			

100-Year Flood Risk Reduction

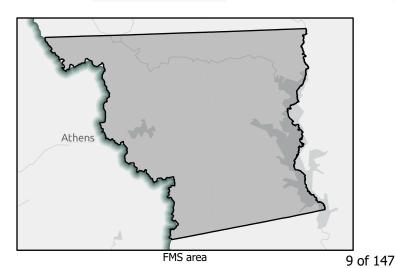
Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$50,000 Amount of available funding % Nature-Based 0





Title City of Berryville Public Education on Mitigation Techniques

ID# 052000010 Sponsor Berryville (Municipality)

Reason for

RFPG recommend? Yes Recommendation Complies with RFPG Goals



Strategy Details

Strategy type Education and Outreach County Henderson

Strategy description Provide materials and data sources to educate citizens of all potential hazards in the planning area and methods to mitigate

hazards and increase awareness.

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual

basis.

Goal(s) Goal 2: Maintain 100% participation of counties performing public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

Population at risk 0	# of structures	0		Critical facilities 0				
Flood risk type: Riverine?	Yes	Coastal? No	Local?	Yes	Playa?	No	Other?	No
Farm/Ranch land impacted (acre	es) 0		Roadway(s)	impacted (miles)	0			
Number of low water crossings	0		Historical ro	ad closures	0			

100-Year Flood Risk Reduction

Population removed from 100-yr - # of structures removed from 100-yr - Critical facilities removed from 100-yr - Farm/Ranch land removed from 100-yr (acres) -

Road removed from 100-yr (miles) - Low water crossings removed from 100-yr -

Other benefits _ Reduction in # of road closures over 10 years -

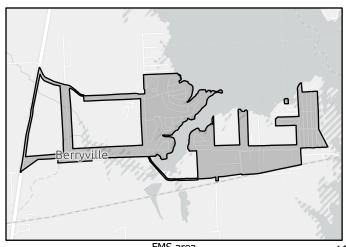
Impacts

Negative impacts?

No Negative impacts description
Water supply contributions? No Water supply contribution description -

Estimated Cost

Strategy Cost \$3,000 Amount of available funding - % Nature-Based 0



FMS area 10 of 147



City of Brownsboro Flood Mitigation Education for City Officials and Citizens Title

ID# 052000011 Sponsor Brownsboro (Municipality)

Reason for

RFPG recommend? Yes Complies with RFPG Goals Recommendation



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type **Education and Outreach** County Henderson

Strategy description Seek FEMA and State training in flood mitigation to assist with NFIP and encourage awareness of flood hazard and National

Flood Insurance Program assistance to citizens

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual

Goal(s) Goal 2: Maintain 100% participation of counties performing public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

Population at risk 52	# of structur	es 32		Critical facilities 0				
Flood risk type: Riverine?	'es C	Coastal? No	Local?	Yes	Playa?	No	Other?	No
Farm/Ranch land impacted (acre	s) 8		Roadway(s)	impacted (miles)	1			
Number of low water crossings	0		Historical ro	ad closures	0			

100-Year Flood Risk Reduction

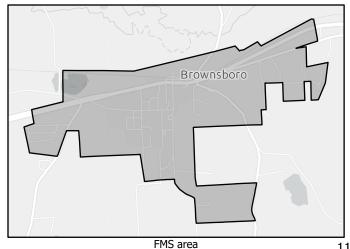
Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$5,000 Amount of available funding % Nature-Based 0





Regional view of FMS area

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City of Brownsboro Public Education on Mitigation Techniques Title

ID# 052000012 Sponsor Brownsboro (Municipality)

Reason for

RFPG recommend? Yes Complies with RFPG Goals Recommendation



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type **Education and Outreach** County Henderson

Strategy description Provide materials and data sources to educate citizens of all potential hazards in the planning area and methods to mitigate

hazards and increase awareness.

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual

Goal(s) Goal 2: Maintain 100% participation of counties performing public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

Population at risk 52	# of structures	32	32		Critical facilities 0			
Flood risk type: Riverine?	Yes C	Coastal? No	Local?	Yes	Playa?	No	Other?	No
Farm/Ranch land impacted (acre	Roadway(s) in	mpacted (miles)	1					
Number of low water crossings	0		Historical roa	d closures	0			

100-Year Flood Risk Reduction

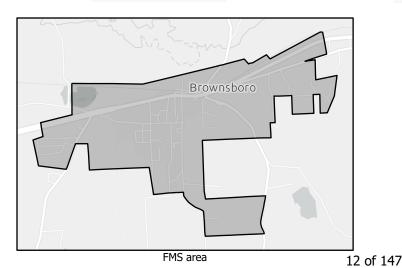
Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$5,000 Amount of available funding % Nature-Based 0





Title City of Chandler Citizen/Business/City Mitigation Strategy Planning

ID# 052000013 Sponsor Chandler (Municipality)

RFPG recommend? Yes Reason for Recommendation Complies with RFPG Goals

NECHES

REGION 5

REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type Education and Outreach County Henderson

Strategy description Encourage the development of public and private partnership with businesses, service organizations and other community

groups to work together on mitigation

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis

Goal(s) Goal 2: Maintain 100% participation of counties performing public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

Population at risk 105			f structures	29		Critical facilities 0			
Flood risk type: Riverine?	Yes	Coastal?	No	Local?	Yes	Playa?	No	Other?	No
Farm/Ranch land impacted (acre	s) 7			Roadway(s) ir	mpacted (miles)	1			
Number of low water crossings	0			Historical roa	d closures	0			

100-Year Flood Risk Reduction

Population removed from 100-yr - # of structures removed from 100-yr -

Critical facilities removed from 100-yr - Farm/Ranch land removed from 100-yr (acres) -

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

Other benefits - Reduction in # of road closures over 10 years -

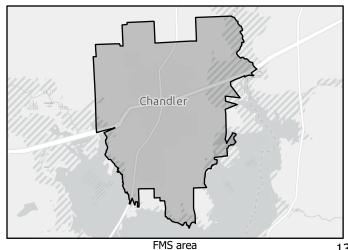
Impacts

Negative impacts? No Negative impacts description -

Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$10,000 Amount of available funding - % Nature-Based 0



Austin
Houston
Regional view of FMS area

Dallas

City of Chandler Public Education on Code Red System Title

ID# 052000014 Sponsor Chandler (Municipality)

Reason for

RFPG recommend? Yes Complies with RFPG Goals Recommendation



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type **Education and Outreach** County Henderson

Strategy description Provide public training and education materials about the Code Red system and how to register for the warning system

notifications

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual

Goal(s) Goal 2: Maintain 100% participation of counties performing public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

Population at risk 105			structures	29		Critical facilities 0			
Flood risk type: Riverine?	Yes	Coastal?	No	Local?	Yes	Playa?	No	Other?	No
Farm/Ranch land impacted (acr	es) 7			Roadway(s) ir	mpacted (miles)	1			
Number of low water crossings	0			Historical roa	d closures	0			

100-Year Flood Risk Reduction

Water supply contributions? No

Population removed from 100-yr # of structures removed from 100-yr

Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

Water supply contribution description

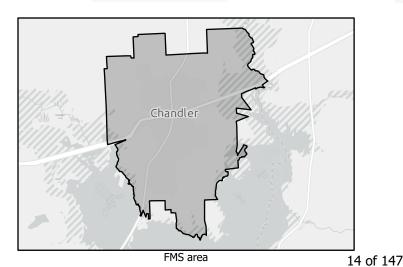
Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No

Estimated Cost

Strategy Cost \$10,000 Amount of available funding % Nature-Based 0





Houston County Property Elevation and Public Education on NFIP Title

ID# 052000015 Sponsor Houston (County)

Reason for RFPG recommend? Yes Complies with RFPG Goals Recommendation



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type **Education and Outreach** County Houston

Strategy description Conduct program to educate residents on NFIP/availability of flood insurance and elevating new construction in and outside of

mapped floodplain areas.

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual

Goal(s) Goal 2: Maintain 100% participation of counties performing public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

Population at risk 16	# of structures	17	Critical facilities 0	
Flood risk type: Riverine? Yes Co	oastal? No	Local? Yes	Playa? No	Other? Yes
Farm/Ranch land impacted (acres) 117	Roadway(s) impacted (miles)	20		
Number of low water crossings 7		Historical road closures	7	

100-Year Flood Risk Reduction

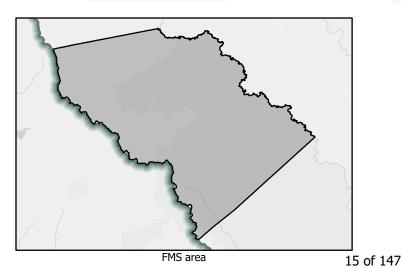
Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts?	No	Negative impacts description	-
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost \$10,000 Amount of available funding % Nature-Based 0





Houston County Public Education Program on Emergency Evacuation Title

ID# 052000016 Sponsor Houston (County)

Reason for RFPG recommend? Yes Complies with RFPG Goals Recommendation



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type **Education and Outreach** County Houston

Strategy description Conduct public education program and advertise Houston County Emergency Evacuation Plan, such as escape routes in

coordination with TxDOT.

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual

Goal(s) Goal 2: Maintain 100% participation of counties performing public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

Population at risk 16	# of structures	5 17	Critical facilities	0
Flood risk type: Riverine? Ye	Coastal? No	Local? Yes	Playa? No	Other? Yes
Farm/Ranch land impacted (acres	17	Roadway(s) impacted (miles)	20	
Number of low water crossings		Historical road closures	7	

100-Year Flood Risk Reduction

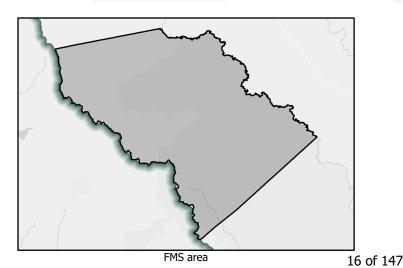
Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$22,200 Amount of available funding % Nature-Based 0





City of Kennard Public Awareness Program Title

ID# 052000017 Sponsor Houston (County)

RFPG recommend? Yes

Reason for Complies with RFPG Goals Recommendation



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type **Education and Outreach** County Houston

Strategy description Conduct public awareness program and distribute NFIP education information to citizens including availability of flood

insurance.

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual

Goal(s) Goal 2: Maintain 100% participation of counties performing public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

Population at risk 16			f structures	17		Critical f	acilities 0		
Flood risk type: Riverine?	Yes	Coastal?	No	Local?	Yes	Playa?	No	Other?	Yes
Farm/Ranch land impacted (acr	es) 117			Roadway(s) ir	npacted (miles)	20			
Number of low water crossings	7			Historical roa	d closures	7			

100-Year Flood Risk Reduction

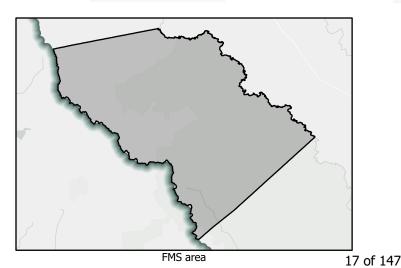
Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$10,000 Amount of available funding % Nature-Based 0





JCDD6 Public Education Material Distribution Title

ID# 052000018 Sponsor Jefferson County Drainage District 6

Reason for

RFPG recommend? Yes Complies with RFPG Goals Recommendation



Strategy Details

Strategy type **Education and Outreach** County Jefferson

Strategy description Develop distribution centers in local libraries, DD6 facilities, DD6 website and other public buildings where information and

safety guidance on natural and manmade hazards as well as ways to mitigate hazards can be provided to citizens

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual

Goal(s) Goal 2: Maintain 100% participation of counties performing public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

Population at risk 20,772		# of structures	6,491	6,491		Critical facilities 30		
Flood risk type: Riverine?	es Coa	astal? Yes	Local?	No	Playa?	No	Other?	Yes
Farm/Ranch land impacted (acre	Roadway(s) ii	mpacted (miles)	215					
Number of low water crossings	16		Historical roa	d closures	16			

100-Year Flood Risk Reduction

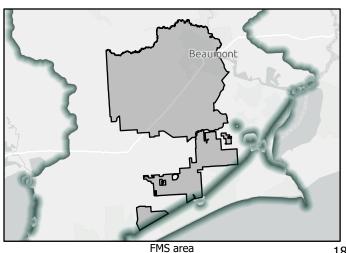
Population removed from 100-yr # of structures removed from 100-yr -286 101 Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) 45 Road removed from 100-yr (miles) Θ Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$50,000 Amount of available funding % Nature-Based 0





Regional view of FMS area

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City of Daisetta Education of City Council on Mitigation Benefits Title

ID# 052000019 Sponsor Daisetta (Municipality)

Reason for RFPG recommend? Yes Complies with RFPG Goals Recommendation



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type **Education and Outreach** County Liberty

Strategy description Educate City Council on benefits of mitigation and encourage council members to become more involved.

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual

Goal(s) Goal 2: Maintain 100% participation of counties performing public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

Population at risk 0	#	of structures	0		Critical	facilities 0		
Flood risk type: Riverine? Ye	Coastal?	No	Local?	No	Playa?	No	Other?	Yes
Farm/Ranch land impacted (acres			Roadway(s) in	npacted (miles)	0			
Number of low water crossings			Historical road	d closures	0			

100-Year Flood Risk Reduction

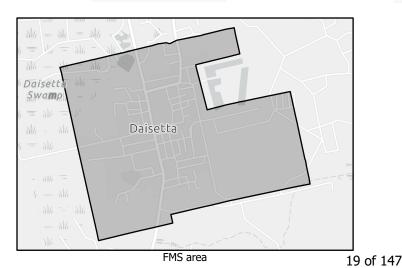
Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$10,000 Amount of available funding % Nature-Based 0





City of Nacogdoches Public Education Program Title

ID# 052000020 Sponsor Nacogdoches (Municipality)

Reason for

RFPG recommend? Yes Complies with RFPG Goals Recommendation

REGION 5



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type **Education and Outreach** County Nacogdoches

Strategy description Develop and promote a public education program regarding flood hazards, NFIP, and flood plain regulations.

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual

Goal(s) Goal 2: Maintain 100% participation of counties performing public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

Population at risk 5,331	#	of structures	446		Critical	facilities 1		
Flood risk type: Riverine? Ye	Coastal?	No	Local?	Yes	Playa?	No	Other?	No
Farm/Ranch land impacted (acres	ļ		Roadway(s) i	mpacted (miles	5) 14			
Number of low water crossings)		Historical roa	d closures	0			

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)

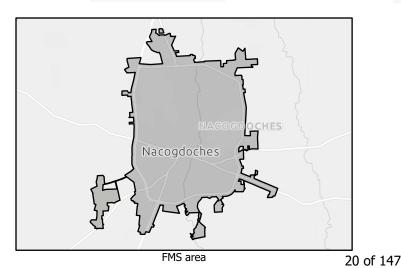
Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$20,000 Amount of available funding % Nature-Based 0





Title Polk County Public Education Campaign

ID# 052000021 Sponsor Polk (County)

RFPG recommend? Yes

Reason for Recommendation Complies with RFPG Goals



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type Education and Outreach County Polk

Strategy description Initiate public education campaign to improve the community's understanding and access to information on natural hazards

and how to improve level of protection for their homes.

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual basis

Goal(s) Goal 2: Maintain 100% participation of counties performing public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

Population at risk 368	# of str	ructures 84		Critical f	facilities 0		
Flood risk type: Riverine? Ye	Coastal? No	Local?	No	Playa?	No	Other?	Yes
Farm/Ranch land impacted (acres		Roadway	(s) impacted (mil	les) 17			
Number of low water crossings		Historical	road closures	8			

100-Year Flood Risk Reduction

Population removed from 100-yr - # of structures removed from 100-yr - Critical facilities removed from 100-yr - Farm/Ranch land removed from 100-yr (acres) - Low water crossings removed from 100-yr - Other benefits - Reduction in # of road closures over 10 years -

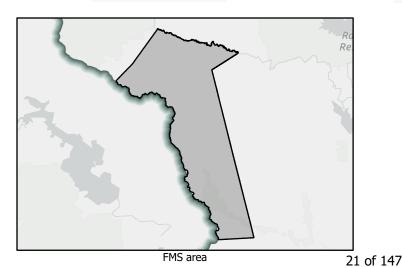
Impacts

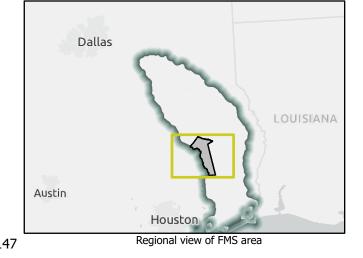
Negative impacts?

No Negative impacts description
Water supply contributions? No Water supply contribution description -

Estimated Cost

Strategy Cost \$50,000 Amount of available funding - % Nature-Based 0





San Augustine County Public Education on Mitigation Techniques Title

ID# 052000022 Sponsor San Augustine (County)

Reason for RFPG recommend? Yes Complies with RFPG Goals Recommendation



Strategy Details

County Strategy type **Education and Outreach** San Augustine

Strategy description Includes programs in schools and senior citizen centers, pamphlets, and community meetings.

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual

Goal(s) Goal 2: Maintain 100% participation of counties performing public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

Population at risk :	146		# o	f structures	64		Critical	facilities 0		
Flood risk type:	Riverine?	Yes	Coastal?	No	Local?	Yes	Playa?	No	Other?	No
Farm/Ranch land in	mpacted (ac	res) 42			Roadway(s) in	mpacted (miles)	13			
Number of low wa	ter crossings	2			Historical roa	d closures	2			

100-Year Flood Risk Reduction

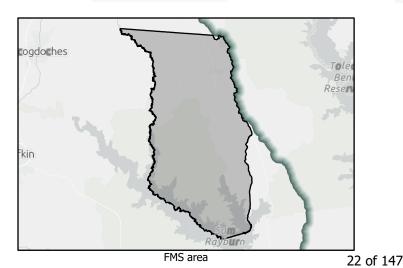
Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$10,600 Amount of available funding % Nature-Based 0





Shelby County Public Education on Hazards Title

ID# 052000023 Sponsor Shelby (County)

Reason for

RFPG recommend? Yes Complies with RFPG Goals Recommendation



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type **Education and Outreach** County Shelby

Strategy description Educate the residents of Shelby County and participating jurisdictions on safety and planning for the hazards identified in this

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual

Goal(s) Goal 2: Maintain 100% participation of counties performing public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

Population at risk 8	# of str	uctures 15		Critical	facilities 0		
Flood risk type: Riverine? Y	Coastal? No	Local?	Yes	Playa?	No	Other?	No
Farm/Ranch land impacted (acres		Roadway(s) impacted (mil	les) 5			
Number of low water crossings		Historical	road closures	4			

100-Year Flood Risk Reduction

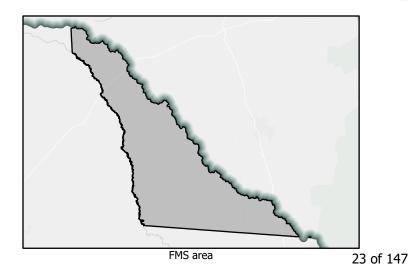
Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$50,000 Amount of available funding % Nature-Based 0





City of Groveton Public Education on Mitigation Actions Title

ID# 052000024 Sponsor Groveton (Municipality)

Reason for

RFPG recommend? Yes Complies with RFPG Goals Recommendation

REGION 5



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type **Education and Outreach** County Trinity

Strategy description Create a program to educate the public about specific mitigation actions for multiple hazards

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual

Goal(s) Goal 2: Maintain 100% participation of counties performing public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

Population at risk 2	# o	f structures 3			Critical fa	acilities 0		
Flood risk type: Riverine? Ye	Coastal?	No	Local?	Yes	Playa?	No	Other?	No
Farm/Ranch land impacted (acres		Ro	oadway(s) imp	pacted (miles)	0			
Number of low water crossings		Hi	listorical road	closures	0			

100-Year Flood Risk Reduction

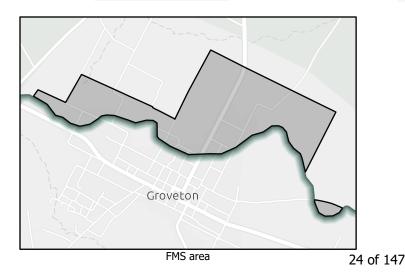
Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$5,100 Amount of available funding % Nature-Based 0





Trinity County Public Education on Mitigation Actions Title

ID# 052000025 Sponsor Trinity (County)

Reason for RFPG recommend? Yes Complies with RFPG Goals Recommendation



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type **Education and Outreach** County Trinity

Strategy description Create a program to educate the public about specific mitigation actions for multiple hazards

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual

Goal(s) Goal 2: Maintain 100% participation of counties performing public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

Population at risk 15	# of	f structures 32	2		Critical fa	acilities 0		
Flood risk type: Riverine? Ye	Coastal?	No	Local?	Yes	Playa?	No	Other?	No
Farm/Ranch land impacted (acres	8	Ro	toadway(s) imp	pacted (miles)	22			
Number of low water crossings		Hi	listorical road	closures	1			

100-Year Flood Risk Reduction

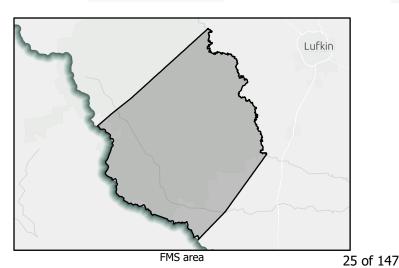
Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$10,200 Amount of available funding % Nature-Based 0





Anderson County Code Red System Title

ID# 052000026 Sponsor Anderson (County)

RFPG recommend? Yes

Reason for Complies with RFPG Goals Recommendation



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type Flood Measurement and Warning County Anderson

Strategy description Plan and implement a new publicity campaign to expand enrollment in CODE RED notification system; use CODE RED to warn of

impending hazard events.

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual

Goal(s) Goal 2: Maintain 100% participation of counties performing public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

Population at risk 73		# of structures	69		Critical	facilities 0		
Flood risk type: Riverine? Y	es Co	astal? No	Local?	Yes	Playa?	No	Other?	No
Farm/Ranch land impacted (acres	348		Roadway(s) ii	mpacted (miles)	22			
Number of low water crossings	2		Historical roa	d closures	2			

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr

Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

Other benefits Reduction in # of road closures over 10 years

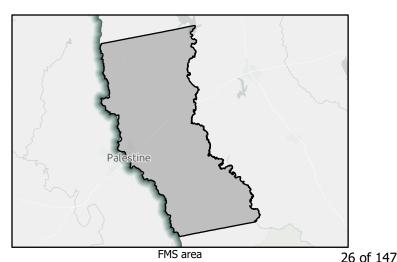
Impacts

Negative impacts? Negative impacts description No

Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$100,000 Amount of available funding % Nature-Based 0





Angelina County Siren Warning System Installation Title

ID# 052000027 Sponsor Angelina (County)

Reason for RFPG recommend? Yes Complies with RFPG Goals Recommendation

REGION 5



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type Flood Measurement and Warning County Angelina

Strategy description Install warning siren system.

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual

Goal(s) Goal 2: Maintain 100% participation of counties performing public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

Population at risk 8,420	# of structures	1,201		Critical	facilities 11		
Flood risk type: Riverine? Ye	Coastal? No	Local?	Yes	Playa?	No	Other?	Yes
Farm/Ranch land impacted (acres	55	Roadway(s) in	mpacted (miles	66			
Number of low water crossings)	Historical roa	d closures	19			

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

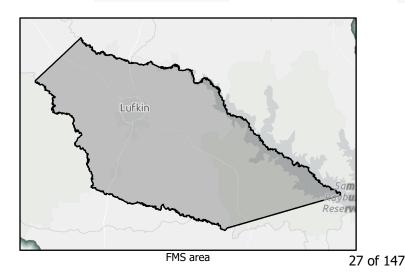
Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$209,000 Amount of available funding % Nature-Based 0





Houston County Alert/Notification System Installation Title

ID# 052000028 Sponsor Houston (County)

Reason for RFPG recommend? Yes Complies with RFPG Goals Recommendation



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type Flood Measurement and Warning County Houston

Strategy description Purchase and install I-info alert/notification system including one user license per jurisdiction or participating entity.

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual

Goal(s) Goal 2: Maintain 100% participation of counties performing public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

Population at risk 16	#	of structures	17		Critical 1	facilities 0		
Flood risk type: Riverine? Ye	Coastal	? No	Local?	Yes	Playa?	No	Other?	Yes
Farm/Ranch land impacted (acres	117		Roadway(s) ii	mpacted (miles)	20			
Number of low water crossings	7		Historical roa	d closures	7			

100-Year Flood Risk Reduction

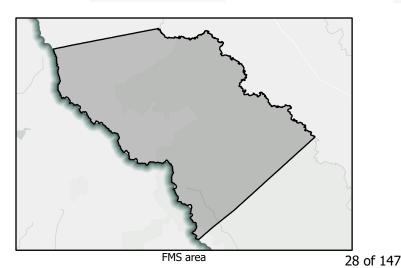
Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$602,000 Amount of available funding % Nature-Based 0





Houston County Gage Installation and Monitoring Title

ID# 052000029 Sponsor Houston (County)

Reason for RFPG recommend? Yes Complies with RFPG Goals Recommendation



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type Flood Measurement and Warning County Houston

Strategy description Install stream and rain gauges in flood prone areas and waterways as part of overall rainfall tracking, recording program, and

new alert notification system.

Goal 1: Increase the number of gauges across the Neches basin to cover 50% of the region's HUC10s.

Goal 2: Increase the number of gauges across the Neches basin to cover 100% of the region's HUC10s.

Goal(s)

Existing 100-Year Flood Risk

Population at risk 16	# of structures	5 17	Critical facilities	0
Flood risk type: Riverine? Ye	Coastal? No	Local? Yes	Playa? No	Other? Yes
Farm/Ranch land impacted (acres	17	Roadway(s) impacted (miles)	20	
Number of low water crossings		Historical road closures	7	

100-Year Flood Risk Reduction

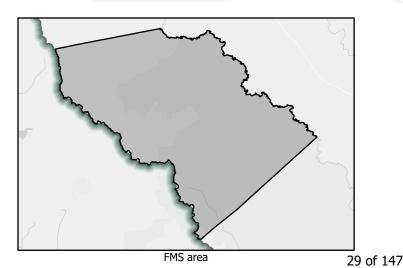
Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$121,000 Amount of available funding % Nature-Based 0





Houston County Rainfall Observer Program Title

ID# 052000030 Sponsor Houston (County)

RFPG recommend? Yes

Reason for Complies with RFPG Goals Recommendation



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type Flood Measurement and Warning County Houston

Strategy description Implement rainfall observer program utilizing volunteers.

Goal 1: Increase the number of gauges across the Neches basin to cover 50% of the region's HUC10s. Goal 2: Increase the number of gauges across the Neches basin to cover 100% of the region's HUC10s.

Goal(s)

Existing 100-Year Flood Risk

Population at risk 16	# of structures	5 17	Critical facilities	0
Flood risk type: Riverine? Ye	Coastal? No	Local? Yes	Playa? No	Other? Yes
Farm/Ranch land impacted (acres	17	Roadway(s) impacted (miles)	20	
Number of low water crossings		Historical road closures	7	

100-Year Flood Risk Reduction

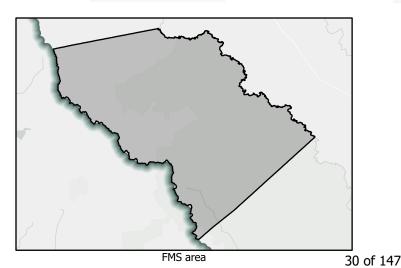
Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$5,000 Amount of available funding % Nature-Based 0





City of Brownsboro Code Red System Implementation Title

ID# 052000031 Sponsor Brownsboro (Municipality)

Reason for

RFPG recommend? Yes Complies with RFPG Goals Recommendation



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type Flood Measurement and Warning County Henderson

Strategy description Obtain access and/or incorporate the use of the automated emergency calling system, Code Red, into local emergency

management plan

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual

Goal(s) Goal 2: Maintain 100% participation of counties performing public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

Population at risk 52	#	of structures	32		Critical	facilities 0		
Flood risk type: Riverine? Ye	Coastal?	No	Local?	Yes	Playa?	No	Other?	No
Farm/Ranch land impacted (acres	8		Roadway(s) ii	mpacted (miles)	1			
Number of low water crossings	0		Historical roa	d closures	0			

100-Year Flood Risk Reduction

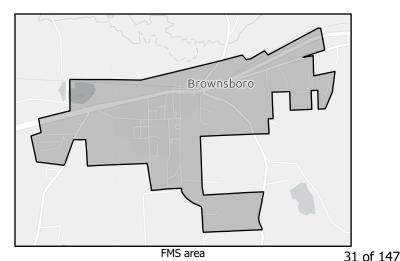
Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$100,000 Amount of available funding % Nature-Based 0





City of Chandler Warning Siren Maintenance Title

ID# 052000032 Sponsor Chandler (Municipality)

Reason for RFPG recommend? Yes Complies with RFPG Goals Recommendation



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type Flood Measurement and Warning County Henderson

Strategy description Check the location and condition of warning sirens; determine if repairs are needed

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual

Goal(s) Goal 2: Maintain 100% participation of counties performing public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

Population at risk 105		# o	f structures	29		Critical 1	facilities 0		
Flood risk type: Riverine?	Yes	Coastal?	No	Local?	Yes	Playa?	No	Other?	No
Farm/Ranch land impacted (acre	s) 7			Roadway(s) ir	mpacted (miles)	1			
Number of low water crossings	0			Historical roa	d closures	0			

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

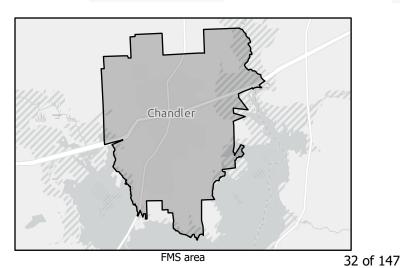
Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$100,000 Amount of available funding % Nature-Based 0





Title City of Murchison Warning Siren System Installation

ID# 052000033 Sponsor Murchison (Municipality)

Reason for

RFPG recommend? Yes Recommendation Complies with RFPG Goals



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type Flood Measurement and Warning County Henderson

Strategy description Obtain early warning siren system installment inside jurisdiction to assist in public notification of hazard prior to hazard

occurrence

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual

basis.

Goal(s) Goal 2: Maintain 100% participation of counties performing public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

Population at risk 1		# of	structures	3		Critical 1	facilities 0		
Flood risk type: Riverine?	Yes	Coastal?	No	Local?	Yes	Playa?	No	Other?	No
Farm/Ranch land impacted (acre	es) 0			Roadway(s) in	npacted (miles)	0			
Number of low water crossings	0			Historical roa	d closures	0			

100-Year Flood Risk Reduction

Population removed from 100-yr - # of structures removed from 100-yr - Critical facilities removed from 100-yr - Farm/Ranch land removed from 100-yr (acres) - Low water crossings removed from 100-yr - Other benefits - Reduction in # of road closures over 10 years -

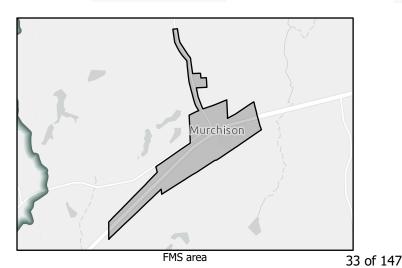
Impacts

Negative impacts?

No Negative impacts description
Water supply contributions? No Water supply contribution description -

Estimated Cost

Strategy Cost \$100,000 Amount of available funding - % Nature-Based 0





Title JCDD6 Increase Flood Predictive Capability for Streams and Creeks

ID# 052000034 Sponsor Jefferson County Drainage District 6

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RFPG recommend? Yes Reason for Recommendation Complies with RFPG Goals



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type Flood Measurement and Warning County Jefferson

Strategy description

Utilize ALERT stations and work with National Weather Service to help citizens of the Bevil Oaks community better understand

the flood warnings and predictions.

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual

basis.

Goal(s) Goal 2: Maintain 100% participation of counties performing public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

Population at risk 20,772		# of structures	6,491		Critical	facilities 30		
Flood risk type: Riverine?	es Coa	astal? Yes	Local?	No	Playa?	No	Other?	Yes
Farm/Ranch land impacted (acre	5) 20,945		Roadway(s) ii	mpacted (miles)	215			
Number of low water crossings	16		Historical roa	d closures	16			

100-Year Flood Risk Reduction

Population removed from 100-yr 286 # of structures removed from 100-yr 4 Farm/Ranch land removed from 100-yr (acres) 45

Road removed from 100-yr (miles) 0 Low water crossings removed from 100-yr 0

Other benefits - Reduction in # of road closures over 10 years -

Impacts

Negative impacts?

No

Negative impacts description

Water supply contributions?

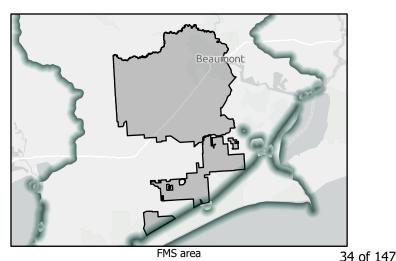
No

Water supply contribution description

-

Estimated Cost

Strategy Cost \$100,000 Amount of available funding - % Nature-Based 0





JCDD7 Update Data Operation System-Control Center Title

ID# 052000035 Sponsor Jefferson County Drainage District 7

Reason for

RFPG recommend? Yes Complies with RFPG Goals Recommendation



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Goal(s)

Strategy type Flood Measurement and Warning County Jefferson

Strategy description Will allow officials to see what pump stations are operating in real time, monitor pumps/generator conditions and status

Goal 1: Increase the number of gauges across the Neches basin to cover 50% of the region's HUC10s. Goal 2: Increase the number of gauges across the Neches basin to cover 100% of the region's HUC10s.

Existing 100-Year Flood Risk

Population at risk 17,575	# of structure	es 4,705	Critica	al facilities 82		
Flood risk type: Riverine? Ye	Coastal? Yes	Local? No	Playa?	No	Other?	Yes
Farm/Ranch land impacted (acres	76	Roadway(s) impac	ted (miles) 95			
Number of low water crossings		Historical road clos	sures 3			

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr

Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

Reduction in # of road closures over 10 years

Impacts

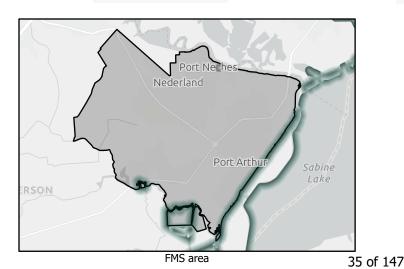
Other benefits

Negative impacts? Negative impacts description No

Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$104,000 Amount of available funding % Nature-Based 0





OCDD Hazard Notification System Development Title

ID# 052000036 Sponsor Orange County Drainage District

Reason for

RFPG recommend? Yes Complies with RFPG Goals Recommendation



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type Flood Measurement and Warning County Orange

Strategy description Develop employee emergency notification system to warn staff of imminent hazards/risks.

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual

Goal(s) Goal 2: Maintain 100% participation of counties performing public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

Population at risk 11,929	# of structure	s 5,007	Critical facilities 36	
Flood risk type: Riverine? Ye	Coastal? Yes	Local? No	Playa? No Other? Yes	
Farm/Ranch land impacted (acres	46	Roadway(s) impacted (m	niles) 136	
Number of low water crossings	0	Historical road closures	20	

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr

Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -Road removed from 100-yr (miles)

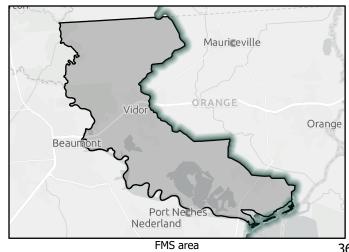
Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$11,000 Amount of available funding % Nature-Based 0





36 of 147

OCDD Installing Additional Stream Gages Title

ID# 052000037 Sponsor Orange County Drainage District

Reason for RFPG recommend? Yes Complies with RFPG Goals Recommendation



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type Flood Measurement and Warning County Orange

Strategy description Add stream gauges to the major watersheds to increase flood predictive capability for streams and creeks that affect OCDD

(stream gages)

Goal 1: Increase the number of gauges across the Neches basin to cover 50% of the region's HUC10s. Goal 2: Increase the number of gauges across the Neches basin to cover 100% of the region's HUC10s.

Goal(s)

Existing 100-Year Flood Risk

Population at risk 11,929		# of struc	tures	5,007			Critical	facilities 36	j			
Flood risk type: Riverine? Y	es Co	oastal? Yes		Local?	No		Playa?	No		Other?	Yes	
Farm/Ranch land impacted (acres	346		(Roadway(s) i	mpacted (mile	es)	136					
Number of low water crossings	20			Historical roa	d closures		20					

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr

Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

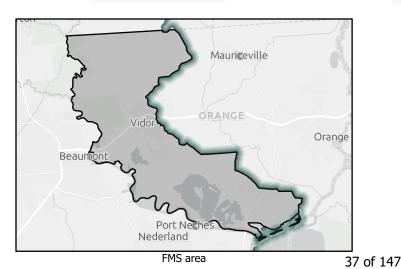
Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$534,000 Amount of available funding % Nature-Based 0





Polk County Improved Hazard Communication Title

ID# 052000038 Sponsor Polk (County)

Reason for RFPG recommend? Yes Complies with RFPG Goals Recommendation



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type Flood Measurement and Warning County Polk

Strategy description Upgrade and expand implementation of natural hazard warning systems and methods.

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual

Goal(s) Goal 2: Maintain 100% participation of counties performing public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

Population at risk 368	# of str	ructures 84		Critical f	facilities 0		
Flood risk type: Riverine? Ye	Coastal? No	Local?	No	Playa?	No	Other?	Yes
Farm/Ranch land impacted (acres		Roadway	(s) impacted (mil	les) 17			
Number of low water crossings		Historical	road closures	8			

100-Year Flood Risk Reduction

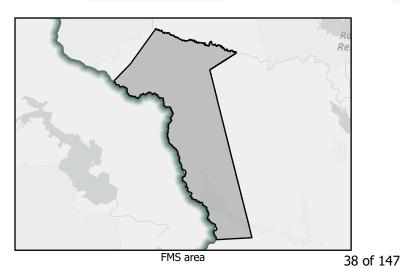
Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$3,110,000 Amount of available funding % Nature-Based 0





Shelby County Electronic Hazard Warning Message Board Acquisition Title

ID# 052000039 Sponsor Shelby (County)

Reason for RFPG recommend? Yes Complies with RFPG Goals Recommendation



Strategy Details

County Strategy type Flood Measurement and Warning Shelby

Strategy description Acquire electronic message board for use during disaster response and recovery operations

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual

Goal(s) Goal 2: Maintain 100% participation of counties performing public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

Population at risk 8	# of structure	15	Critica	l facilities 0		
Flood risk type: Riverine? Ye	Coastal? No	Local? Yes	Playa?	No	Other?	No
Farm/Ranch land impacted (acres	5	Roadway(s) impac	ted (miles) 5			
Number of low water crossings		Historical road clos	sures 4			

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -

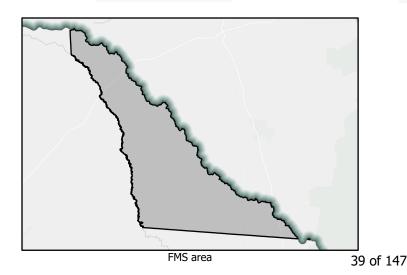
Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$111,000 Amount of available funding % Nature-Based 0





Shelby County Warning Siren Installation Title

ID# 052000040 Sponsor Shelby (County)

Reason for RFPG recommend? Yes Complies with RFPG Goals Recommendation



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type Flood Measurement and Warning County Shelby

Strategy description Install warning sirens at strategic locations for use during disaster events

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual

Goal(s) Goal 2: Maintain 100% participation of counties performing public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

Population at risk 8	# of str	uctures 15		Critical	facilities 0		
Flood risk type: Riverine? Y	Coastal? No	Local?	Yes	Playa?	No	Other?	No
Farm/Ranch land impacted (acres		Roadway(s) impacted (mil	les) 5			
Number of low water crossings		Historical	road closures	4			

100-Year Flood Risk Reduction

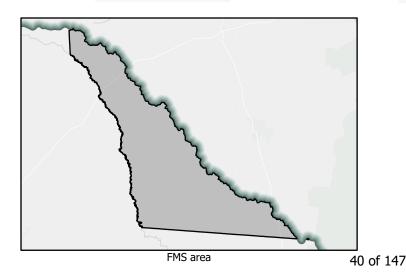
Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$3,319,000 Amount of available funding % Nature-Based 0





City of Groveton Warning System Upgrades Title

ID# 052000041 Sponsor Groveton (Municipality)

Reason for

RFPG recommend? Yes Complies with RFPG Goals Recommendation



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type Flood Measurement and Warning County Trinity

Strategy description Implement, upgrade, expand, and integrate digital methods for storm notification to include all methods of communication

including: cell phones, text messages, land-lines, internet networking sites, television, and radio.

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual

Goal(s) Goal 2: Maintain 100% participation of counties performing public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

Population at risk 2	# o	f structures 3			Critical fa	acilities 0		
Flood risk type: Riverine? Ye	Coastal?	No	Local?	Yes	Playa?	No	Other?	No
Farm/Ranch land impacted (acres		Ro	oadway(s) imp	pacted (miles)	0			
Number of low water crossings		Hi	listorical road	closures	0			

100-Year Flood Risk Reduction

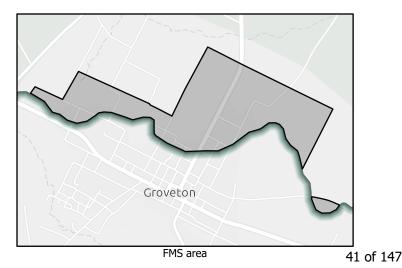
Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$11,000 Amount of available funding % Nature-Based 0





Van Zandt County Warning System Acquisition Title

ID# 052000042 Sponsor Van Zandt (County)

Reason for RFPG recommend? Yes Complies with RFPG Goals Recommendation



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type Flood Measurement and Warning County Van Zandt

Strategy description Acquire and Install Warning Systems throughout the County, including Incorporated Jurisdictions. Reduce risk to citizens

through improved communications and early warning.

Goal 1: 100% of counties to perform public education and awareness campaigns to better inform the public of flood-related risks on an annual

Goal(s) Goal 2: Maintain 100% participation of counties performing public education and awareness campaigns to better inform the public of flood-related risks on an annual basis.

Existing 100-Year Flood Risk

Population at risk 233	# of structure	s 217	Critical facilities	0
Flood risk type: Riverine? Ye	Coastal? No	Local? Yes	Playa? No	Other? Yes
Farm/Ranch land impacted (acres	32	Roadway(s) impacted (miles)	13	
Number of low water crossings		Historical road closures	0	

100-Year Flood Risk Reduction

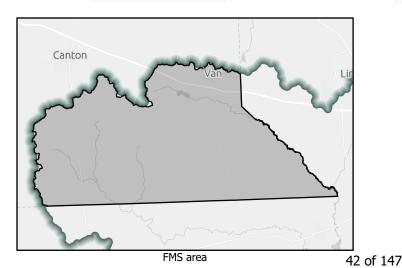
Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$82,000 Amount of available funding % Nature-Based 0





Angelina County Property Acquisition Title

ID# 052000043 Sponsor Angelina (County)

Reason for RFPG recommend? Yes Complies with RFPG Goals Recommendation



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type Property Acquisition and Structural Elevation County Angelina

Strategy description Acquire repetitive loss properties.

> Goal 1: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 10% of structures.

Goal(s) Goal 2: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 30% of structures.

Existing 100-Year Flood Risk

Population at risk 8,420		f structures	1,201		Critical f	Critical facilities 11		
Flood risk type: Riverine? Ye	Coastal?	No	Local?	Yes	Playa?	No	Other?	Yes
Farm/Ranch land impacted (acres) 165			Roadway(s) impacted (miles) 66					
Number of low water crossings 19			Historical roa	d closures	19			

100-Year Flood Risk Reduction

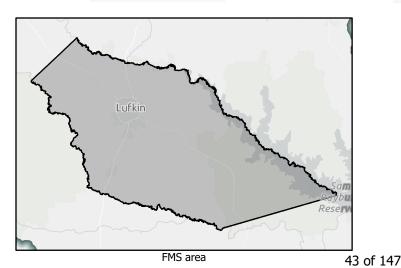
Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$2,100,000 Amount of available funding % Nature-Based 100





Angelina County Property Elevation Title

ID# 052000044 Sponsor Angelina (County)

Reason for RFPG recommend? Yes Complies with RFPG Goals Recommendation



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type Property Acquisition and Structural Elevation County Angelina

Strategy description Elevate properties in the floodplain.

> Goal 1: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 10% of structures.

Goal (s) Goal 2: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 30% of structures.

Existing 100-Year Flood Risk

Population at risk 8,420		# of sti	ructures	1,201		Critical	facilities 11		
Flood risk type: Riverine?	Yes C	oastal? No	0	Local?	Yes	Playa?	No	Other?	Yes
Farm/Ranch land impacted (acre	s) 165			Roadway(s) ir	mpacted (miles)	66			
Number of low water crossings	19			Historical roa	d closures	19			

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr

Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

Other benefits Reduction in # of road closures over 10 years

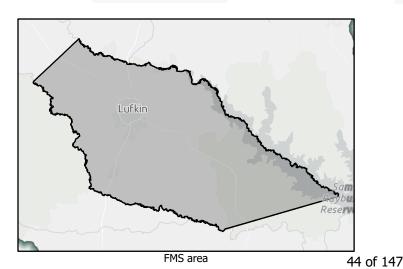
Impacts

Negative impacts? Negative impacts description No

Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$630,000 Amount of available funding % Nature-Based 0





Hardin County Voluntary Flood Buyout Title

ID# 052000045 Sponsor Hardin (County)

Reason for RFPG recommend? Yes Complies with RFPG Goals Recommendation



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type Property Acquisition and Structural Elevation County Hardin

Strategy description Voluntary flood buyouts.

> Goal 1: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 10% of structures.

Goal(s) Goal 2: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 30% of structures.

Existing 100-Year Flood Risk

Population at risk 10,528		# of structures	3,678		Critical 1	facilities 25		
Flood risk type: Riverine? Ye	Coasta	al? No	Local?	No	Playa?	No	Other?	Yes
Farm/Ranch land impacted (acres	743		Roadway(s) i	mpacted (miles)	136			
Number of low water crossings	13		Historical roa	d closures	13			

100-Year Flood Risk Reduction

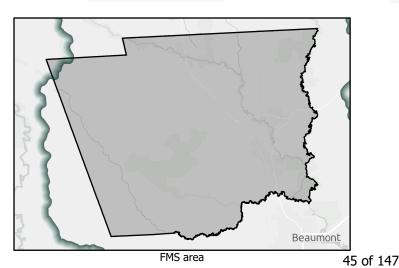
Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts?	No	Negative impacts description	-
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost \$4,000,000 Amount of available funding % Nature-Based 100





Title Hardin County Voluntary Residential Structure Elevation

ID# 052000046 Sponsor Hardin (County)

RFPG recommend? Yes Reason for

Recommendation Complies with RFPG Goals



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type Property Acquisition and Structural Elevation County Hardin

Strategy description Voluntary elevations of flood prone properties in Hardin County.

Goal 1: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 10% of structures.

Goal(s) Goal 2: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 30% of structures.

Existing 100-Year Flood Risk

Population at risk 10,528	# of structu	ires 3,678	Critica	al facilities 25		
Flood risk type: Riverine? Ye	Coastal? No	Local? N	o Playa?	No	Other?	Yes
Farm/Ranch land impacted (acres	13	Roadway(s) impa	cted (miles) 136			
Number of low water crossings		Historical road cl	osures 13			

100-Year Flood Risk Reduction

Population removed from 100-yr - # of structures removed from 100-yr - Critical facilities removed from 100-yr - Farm/Ranch land removed from 100-yr (acres) - Road removed from 100-yr (miles) - Low water crossings removed from 100-yr - Reduction in # of road closures over 10 years -

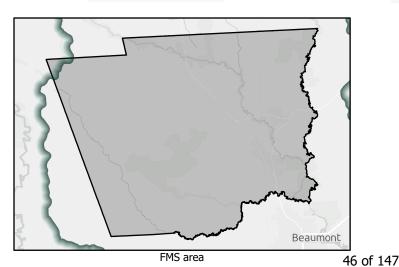
Impacts

Negative impacts?

No Negative impacts description
Water supply contributions? No Water supply contribution description -

Estimated Cost

Strategy Cost \$7,500,000 Amount of available funding - % Nature-Based 0





City of Kountze Flood Buyout Title

ID# 052000047 Sponsor Kountze (Municipality)

Reason for

RFPG recommend? Yes Complies with RFPG Goals Recommendation



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type Property Acquisition and Structural Elevation County Hardin

Strategy description Voluntary flood buyouts.

> Goal 1: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 10% of structures.

Goal (s) Goal 2: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 30% of structures.

Existing 100-Year Flood Risk

Population at risk 2	# c	of structures	3		Critical	facilities 0		
Flood risk type: Riverine? Ye	Coastal?	No	Local?	No	Playa?	No	Other?	Yes
Farm/Ranch land impacted (acres)		Roadway(s) in	mpacted (miles)	1			
Number of low water crossings)		Historical roa	d closures	0			

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

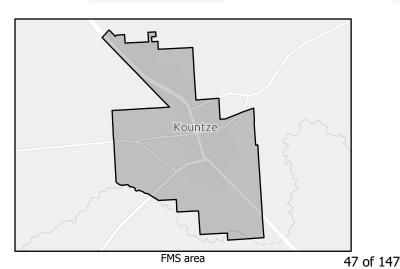
Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$6,000,000 Amount of available funding % Nature-Based 100





Title City of Lumberton Voluntary Flood Buyout

ID# 052000048 Sponsor Lumberton (Municipality)

Reason for

RFPG recommend? Yes Recommendation Complies with RFPG Goals



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type Property Acquisition and Structural Elevation County Hardin

Strategy description Voluntary flood buyouts.

Goal 1: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 10% of structures.

Goal(s) Goal 2: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 30% of structures.

Existing 100-Year Flood Risk

Population at risk 658	#	of structures	235		Critical	facilities 0		
Flood risk type: Riverine? Ye	Coastal?	No	Local?	No	Playa?	No	Other?	Yes
Farm/Ranch land impacted (acres	3		Roadway(s) i	mpacted (miles) 4			
Number of low water crossings			Historical roa	d closures	1			

100-Year Flood Risk Reduction

Population removed from 100-yr - # of structures removed from 100-yr -

Critical facilities removed from 100-yr - Farm/Ranch land removed from 100-yr (acres) -

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

Other benefits - Reduction in # of road closures over 10 years -

Impacts

Negative impacts?

No

Negative impacts description

Water supply contributions?

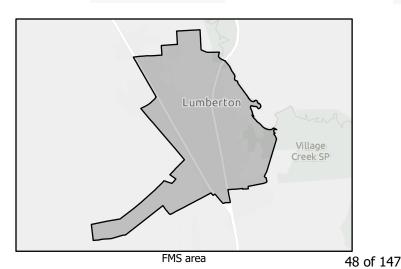
No

Water supply contribution description

-

Estimated Cost

Strategy Cost \$6,000,000 Amount of available funding - % Nature-Based 100





Title City of Rose Hill Acres Voluntary Flood Buyout

ID# 052000049 Sponsor Rose Hill Acres (Municipality)

Reason for

RFPG recommend? Yes Recommendation Complies with RFPG Goals



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type Property Acquisition and Structural Elevation County Hardin

Strategy description Voluntary flood buyouts.

Goal 1: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 10% of structures.

Goal(s) Goal 2: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 30% of structures.

Existing 100-Year Flood Risk

Population at risk 278	# of structures	134		Critical	facilities 0		
Flood risk type: Riverine? Ye	Coastal? No	Local?	No	Playa?	No	Other?	No
Farm/Ranch land impacted (acres)		Roadway(s)	impacted (mil	es) 2			
Number of low water crossings		Historical ro	ad closures	0			

100-Year Flood Risk Reduction

Population removed from 100-yr - # of structures removed from 100-yr - Critical facilities removed from 100-yr - Farm/Ranch land removed from 100-yr (acres) - Road removed from 100-yr (miles) - Low water crossings removed from 100-yr - Reduction in # of road closures over 10 years -

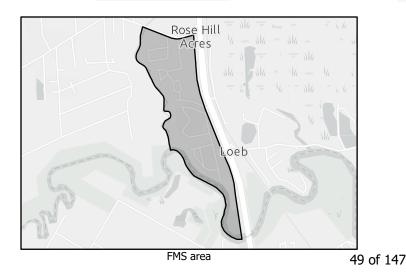
Impacts

Negative impacts?

No Negative impacts description
Water supply contributions? No Water supply contribution description -

Estimated Cost

Strategy Cost \$5,000,000 Amount of available funding - % Nature-Based 100





Title City of Rose Hill Acres Voluntary Residential Structure Elevation

ID# 052000050 Sponsor Rose Hill Acres (Municipality)

Reason for

RFPG recommend? Yes Recommendation Complies with RFPG Goals



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type Property Acquisition and Structural Elevation County Hardin

Strategy description Voluntary elevations of flood prone properties in Rose Hill Acres.

Goal 1: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 10% of structures.

Goal(s) Goal 2: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 30% of structures.

Existing 100-Year Flood Risk

Population at risk 278	#	of structures	134		Critical	facilities 0		
Flood risk type: Riverine? Y	Coastal?	No	Local?	No	Playa?	No	Other?	No
Farm/Ranch land impacted (acres			Roadway(s) i	mpacted (miles)	2			
Number of low water crossings			Historical roa	d closures	0			

100-Year Flood Risk Reduction

Population removed from 100-yr - # of structures removed from 100-yr - Critical facilities removed from 100-yr - Farm/Ranch land removed from 100-yr (acres) - Low water crossings removed from 100-yr -

Other benefits _

Reduction in # of road closures over 10 years -

Impacts

Negative impacts?

No

Negative impacts description

Water supply contributions?

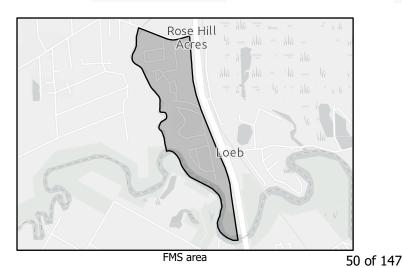
No

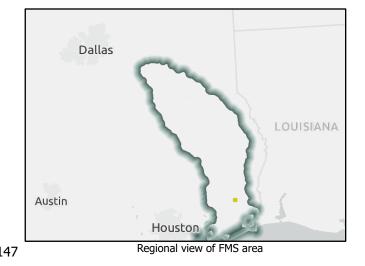
Water supply contribution description

-

Estimated Cost

Strategy Cost \$6,000,000 Amount of available funding - % Nature-Based 0





City of Silsbee Voluntary Flood Buyout Title

ID# 052000051 Sponsor Silsbee (Municipality)

Reason for RFPG recommend? Yes Complies with RFPG Goals Recommendation



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type Property Acquisition and Structural Elevation County Hardin

Strategy description Voluntary flood buyouts.

> Goal 1: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 10% of structures.

Goal (s) Goal 2: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 30% of structures.

Existing 100-Year Flood Risk

Population at risk 780	#	of structures	87		Critical	facilities 2		
Flood risk type: Riverine? Ye	Coastal?	No	Local?	No	Playa?	No	Other?	Yes
Farm/Ranch land impacted (acres	1		Roadway(s) i	mpacted (miles)	2			
Number of low water crossings	3		Historical roa	d closures	3			

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

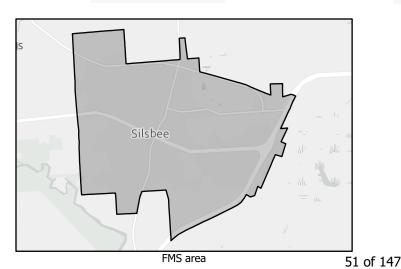
Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$6,000,000 Amount of available funding % Nature-Based 100





City of Sour Lake Voluntary Flood Buyout Title

ID# 052000052 Sponsor Sour Lake (Municipality)

Reason for RFPG recommend? Yes Complies with RFPG Goals Recommendation



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type Property Acquisition and Structural Elevation County Hardin

Strategy description Voluntary flood buyouts.

> Goal 1: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 10% of structures.

Goal(s) Goal 2: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 30% of structures.

Existing 100-Year Flood Risk

Population at risk 1,687	#	of structures	435		Critical	facilities 7		
Flood risk type: Riverine? Ye	Coastal?	No	Local?	No	Playa?	No	Other?	Yes
Farm/Ranch land impacted (acres	7		Roadway(s) i	mpacted (miles)	8			
Number of low water crossings	3		Historical roa	d closures	3			

100-Year Flood Risk Reduction

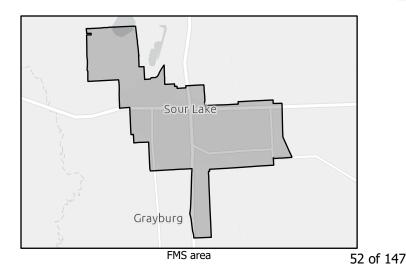
Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$6,000,000 Amount of available funding % Nature-Based 100





Jefferson County Property Elevation Title

ID# 052000053 Sponsor Jefferson (County)

Reason for RFPG recommend? Yes Complies with RFPG Goals Recommendation



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type Property Acquisition and Structural Elevation County Jefferson

Strategy description FIF Application; aimed to elevate houses within county subject to inundation from flooding.

Goal 1: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 10% of structures.

Goal(s) Goal 2: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 30% of structures.

Existing 100-Year Flood Risk

Population at risk 40,765		# of structi	ires 1	2,869		Critical fa	acilities	316		
Flood risk type: Riverine? Y	es Co	pastal? Yes		Local?	No	Playa?	No		Other?	Yes
Farm/Ranch land impacted (acres) 33,019		R	Roadway(s) im	pacted (miles)	474				
Number of low water crossings	22		Н	Historical road	closures	22				

100-Year Flood Risk Reduction

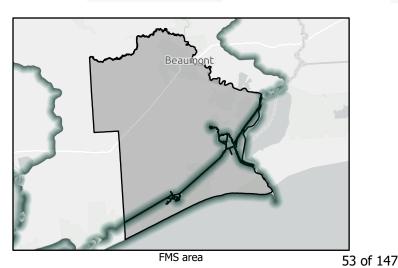
Population removed from 100-yr # of structures removed from 100-yr -286 101 Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) 45 Road removed from 100-yr (miles) Θ Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$1,110,000 Amount of available funding % Nature-Based 0





Liberty County Property Acquisition Title

ID# 052000054 Sponsor Liberty (County)

Reason for

RFPG recommend? Yes Complies with RFPG Goals Recommendation



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type Property Acquisition and Structural Elevation County Liberty

Strategy description Acquire property located in the floodplain including properties located in subdivisions along the Trinity River.

Goal 1: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 10% of structures.

Goal(s) Goal 2: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 30% of structures.

Existing 100-Year Flood Risk

Population at risk 143		# of structures	116		Critical	facilities 1		
Flood risk type: Riverine?	es Coa	stal? No	Local?	No	Playa?	No	Other?	Yes
Farm/Ranch land impacted (acres	1,526		Roadway(s) i	mpacted (miles)	7			
Number of low water crossings	0		Historical roa	d closures	0			

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

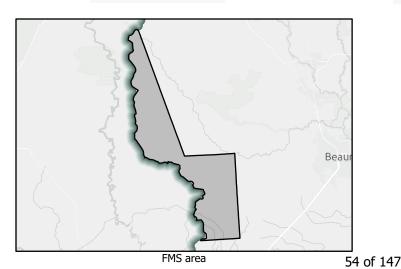
Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$2,140,000 Amount of available funding % Nature-Based 100





City of Nacogdoches Study and Ranking of Repetitive Loss Structures Title

ID# 052000055 Sponsor Nacogdoches (Municipality)

Reason for RFPG recommend? Yes Complies with RFPG Goals Recommendation



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type Property Acquisition and Structural Elevation County Nacogdoches

Strategy description Analyze flood-prone properties in the City of Nacogdoches and identify appropriate mitigation options for each repetitive loss

structure.

Goal 1: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 10% of structures.

Goal(s) Goal 2: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 30% of structures.

Existing 100-Year Flood Risk

Population at risk 5,331		# of structures	446		Critical f	acilities 1		
Flood risk type: Riverine? Ye	s Co	astal? No	Local?	Yes	Playa?	No	Other?	No
Farm/Ranch land impacted (acres) 4			Roadway(s) ir	npacted (miles)	14			
Number of low water crossings	0		Historical roa	d closures	0			

100-Year Flood Risk Reduction

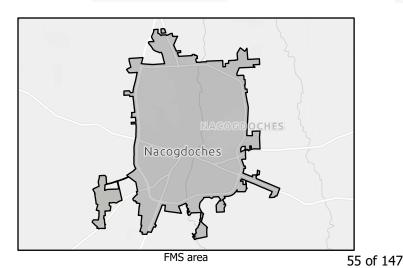
Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$327,000 Amount of available funding % Nature-Based 100





San Augustine County Acquisition and Conversion of Flood Prone Properties Title

ID# 052000056 Sponsor San Augustine (County)

Reason for

RFPG recommend? Yes Complies with RFPG Goals Recommendation



Strategy Details

Strategy type Property Acquisition and Structural Elevation County San Augustine

Strategy description Acquire flood prone/repetitive loss properties and convert to open space, parks, boating access, trails, agricultural projects,

and/or as a general community asset.

Goal 1: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or

otherwise providing flood protection to 10% of structures.

Goal(s) Goal 2: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 30% of structures.

Existing 100-Year Flood Risk

Population at risk 146		f structures 64		Critical	Critical facilities 0				
Flood risk type: Riverine? Ye	Coastal?	No	Local? Yes	Playa?	No	Other?	No		
Farm/Ranch land impacted (acres) 42			padway(s) impacted	(miles) 13					
Number of low water crossings		His	storical road closure	es 2					

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr

Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) Road removed from 100-yr (miles) Low water crossings removed from 100-yr

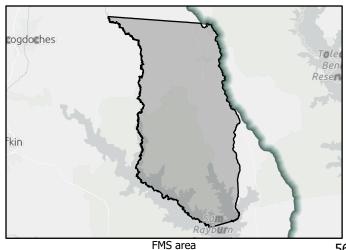
Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$530,000 Amount of available funding % Nature-Based 100



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San Augustine County Structure Elevation Title

ID# 052000057 Sponsor San Augustine (County)

Reason for RFPG recommend? Yes Complies with RFPG Goals Recommendation



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type Property Acquisition and Structural Elevation County San Augustine

Strategy description Elevate existing flood prone structures above the base flood elevation to reduce flood losses. Flood proof historical structures at

risk from flooding.

Goal 1: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 10% of structures.

Goal(s) Goal 2: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 30% of structures.

Existing 100-Year Flood Risk

Population at risk 146		# of structures	64		Critical facilities 0				
Flood risk type: Riverine? Y	es Co	pastal? No	Local?	Yes	Playa?	No	Other?	No	
Farm/Ranch land impacted (acres) 42			Roadway(s) ir	mpacted (miles)	13				
Number of low water crossings	2		Historical roa	d closures	2				

100-Year Flood Risk Reduction

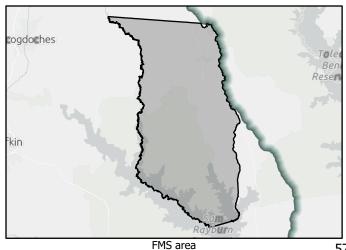
Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$318,000 Amount of available funding % Nature-Based 0



Houston Regional view of FMS area 57 of 147

Austin

Dallas

Reduction in # of road closures over 10 years

Shelby County Property Acquisition Title

ID# 052000058 Sponsor Shelby (County)

Reason for RFPG recommend? Yes Complies with RFPG Goals Recommendation



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type Property Acquisition and Structural Elevation County Shelby

Strategy description Acquire flood prone/repetitive loss properties and convert to open space, parks, boating access, trails, agricultural projects,

and/or as a general community asset

Goal 1: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 10% of structures.

Goal(s) Goal 2: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 30% of structures.

Existing 100-Year Flood Risk

Population at risk 8		structures 15	15		Critical facilities 0				
Flood risk type: Riverine? Y	Coastal?	No Local?	Yes	Playa?	No	Other?	No		
Farm/Ranch land impacted (acres	Roadway	(s) impacted (mile	es) 5						
Number of low water crossings		Historical	road closures	4					

100-Year Flood Risk Reduction

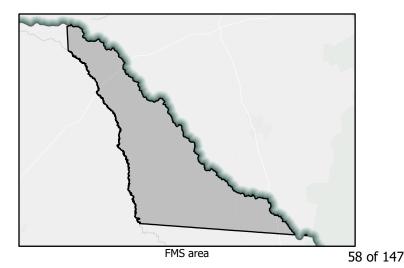
Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$100,000 Amount of available funding % Nature-Based 100





Trinity County Buyout Program Implementation Title

ID# 052000059 Sponsor Trinity (County)

RFPG recommend? Yes

Reason for Complies with RFPG Goals Recommendation



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type Property Acquisition and Structural Elevation County Trinity

Strategy description Develop and implement a program to buyout repetitive loss properties and convert to open space, parks, boating access, trails,

and/or as a general community asset.

Goal 1: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 10% of structures.

Goal(s) Goal 2: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 30% of structures.

Existing 100-Year Flood Risk

Population at risk 15		f structures 32	32		Critical facilities 0				
Flood risk type: Riverine? Ye	Coastal?	No	Local?	Yes	Playa?	No	Other?	No	
Farm/Ranch land impacted (acres) 68			toadway(s) imp	pacted (miles)	22				
Number of low water crossings		Hi	listorical road	closures	1				

100-Year Flood Risk Reduction

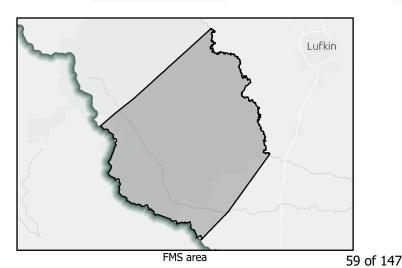
Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$100,000 Amount of available funding % Nature-Based 100





City of Groveton Buyout Program Implementation Title

ID# 052000060 Sponsor Groveton (Municipality)

RFPG recommend? Yes

Reason for Complies with RFPG Goals Recommendation



REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type Property Acquisition and Structural Elevation County Trinity

Strategy description Develop and implement a program to buyout repetitive loss properties and convert to open space, parks, boating access, trails,

and/or as a general community asset.

Goal 1: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or

otherwise providing flood protection to 10% of structures.

Goal(s) Goal 2: Reduce exposure of existing and future structures in the 100-year flood risk inundation extents by elevating, acquiring, relocating, or otherwise providing flood protection to 30% of structures.

Existing 100-Year Flood Risk

Population at risk 2		# o	f structures	3		Critical 1	acilities 0		
Flood risk type: Riverine?	Yes	Coastal?	No	Local?	Yes	Playa?	No	Other?	No
Farm/Ranch land impacted (acres) 0			Roadway(s) ir	mpacted (miles)	0				
Number of low water crossings	0			Historical roa	d closures	0			

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost \$100,000 Amount of available funding % Nature-Based 100

