

VOLUME 2
Appendix 5-C

REGION 5 NECHES 2023 REGIONAL FLOOD PLAN

JULY 2023

DRAFT

PREPARED FOR THE
REGION 5 NECHES FLOOD PLANNING GROUP

DRAFT

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

Flood Management Evaluation (FME)

REGION 5

NECHES

REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

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

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

Flood risk type: Riverine? Coastal? Local Flooding? Other?

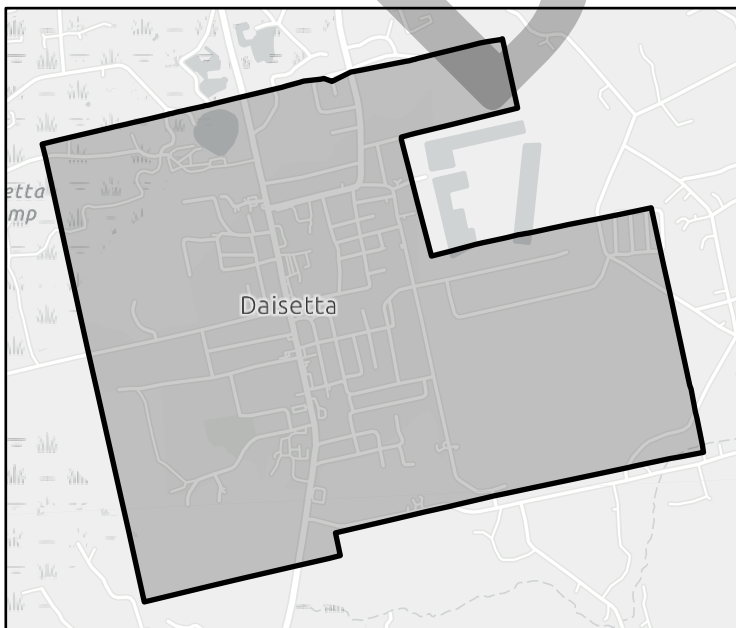
Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability?

Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 5

NECHES

REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation Complies with RFPG Goals

Study Details

Study type County

Study description

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

- 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 # of structures # of critical facilities

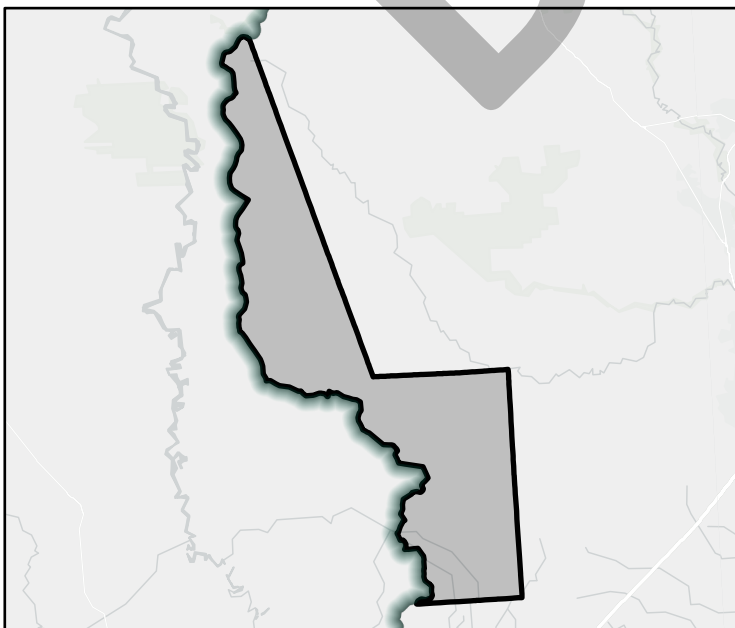
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? Yes

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

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 5

NECHES

REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation

Study Details

Study type County

Study description

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

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

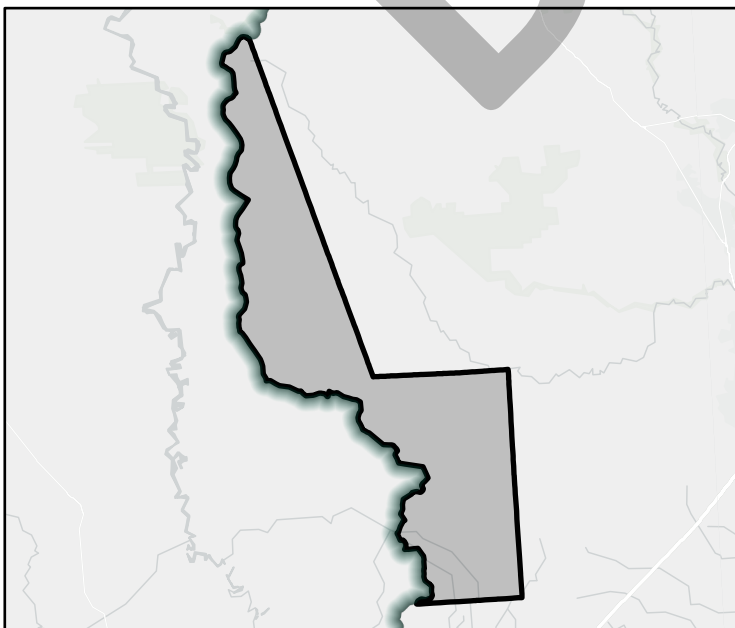
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? Yes

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

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 5

NECHES

REGIONAL FLOOD PLANNING GROUP

Title Stadium Upgrade Pumping Equipment

ID# 051000138 Sponsor Jefferson County Drainage District 7

Recommended by RFPG? Yes Reason for Recommendation Complies with RFPG Goals

Study Details

Study type Project Planning County Jefferson

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 structures 6 # of critical facilities 0

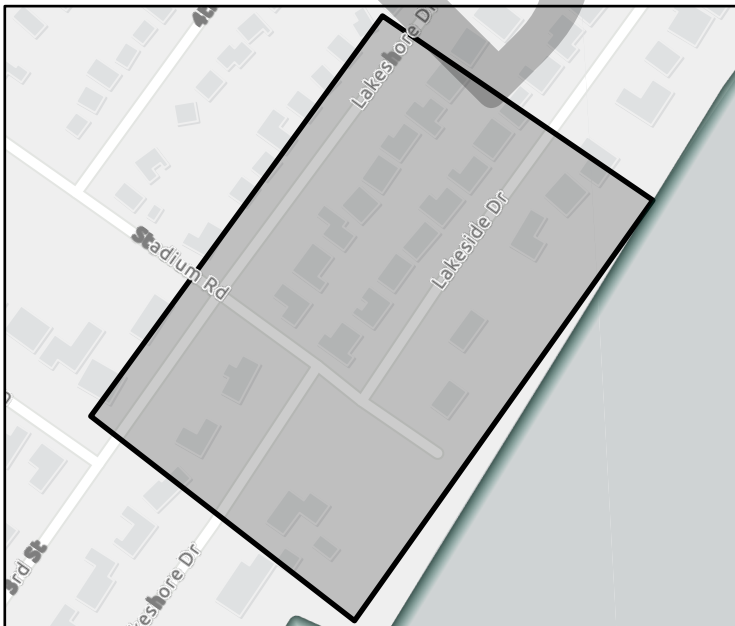
Flood risk type: Riverine? Yes Coastal? Yes Local Flooding? No Other? No

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

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



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 5

NECHES

REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

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

- 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.
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 - 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 # of structures # of critical facilities

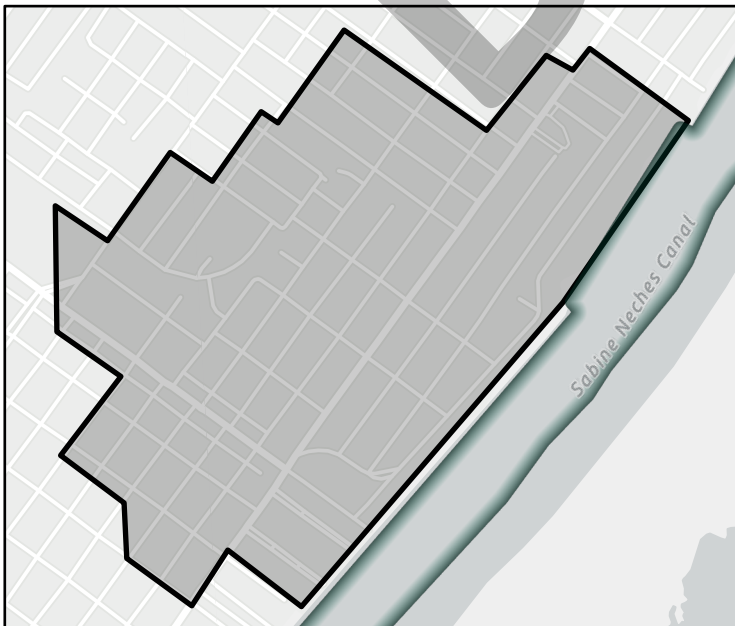
Flood risk type: Riverine? Coastal? Local Flooding? Other?

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

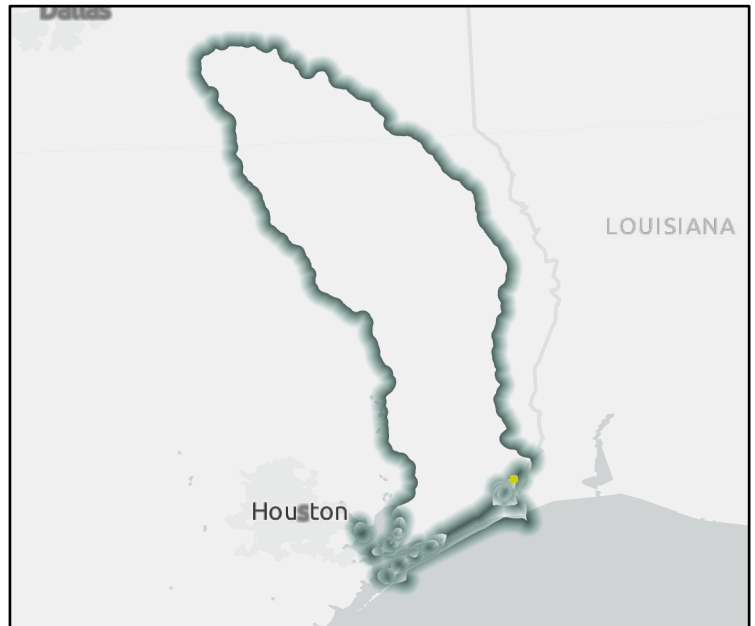
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 5

NECHES

REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

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

- 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.
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100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

Flood risk type: Riverine? Coastal? Local Flooding? Other?

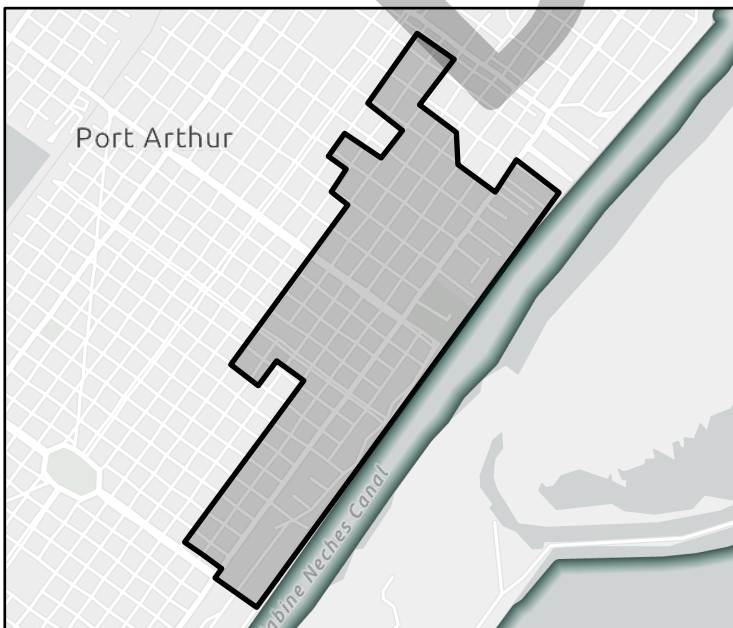
Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

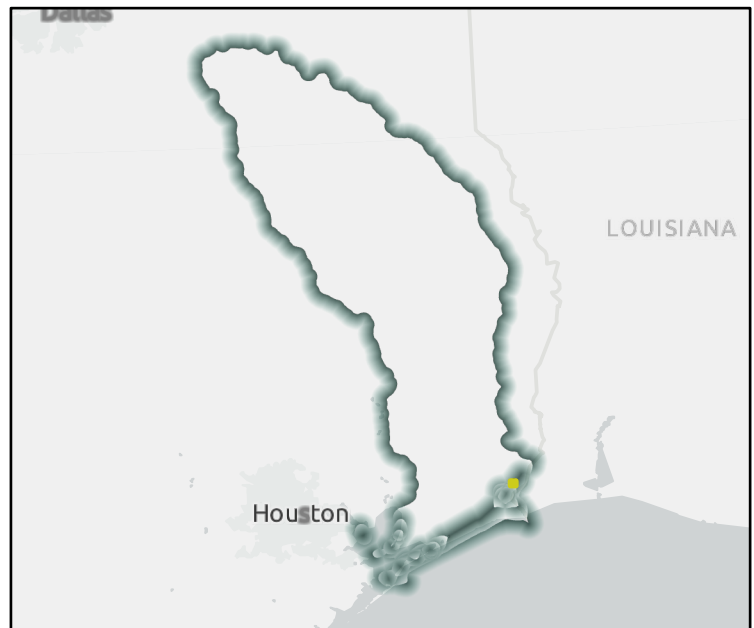
Estimated Cost and Funding Availability

Total Cost Potential federal funding availability?

Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 5

NECHES

REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? No Drainage area (sq. mi., est.)

- Goal(s)
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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 # of structures # of critical facilities

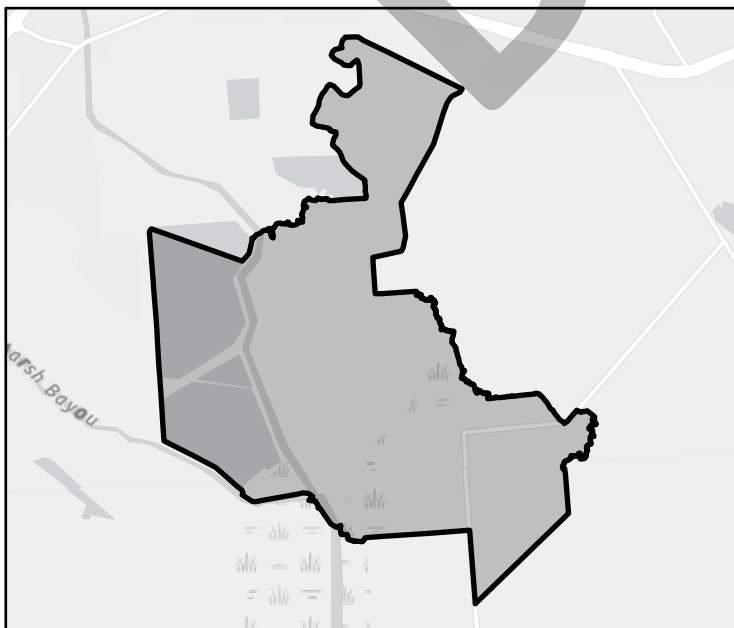
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? Yes

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

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 5

NECHES

REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation

Study Details

Study type County

Study description

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

- 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.
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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 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 # of structures # of critical facilities

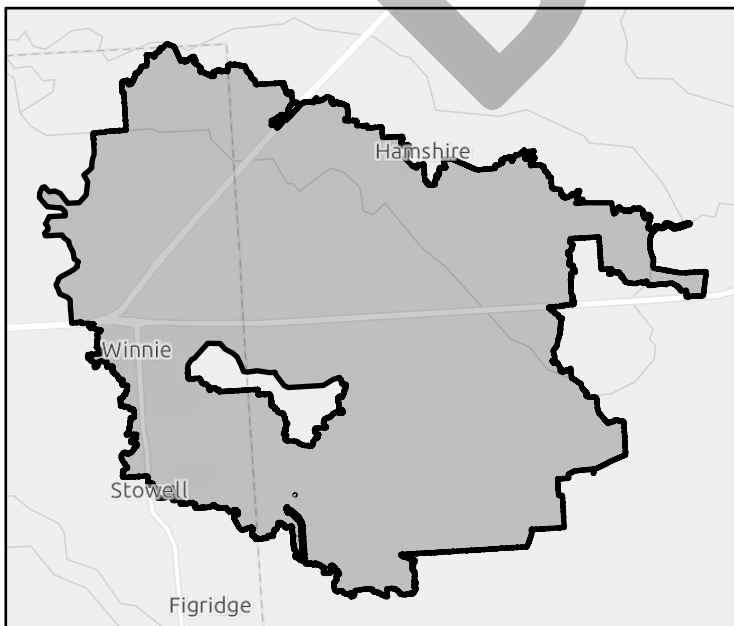
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? Yes

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

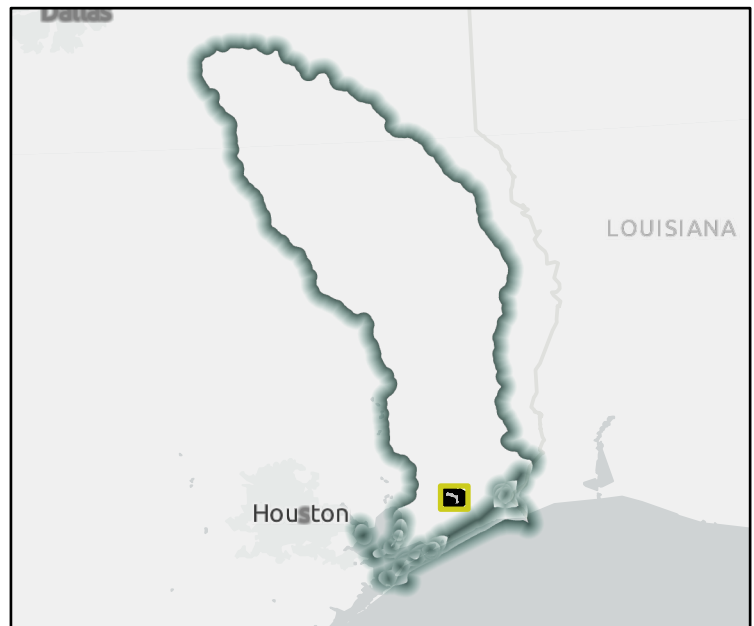
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 5

NECHES

REGIONAL FLOOD PLANNING GROUP

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

Recommended by RFPG? Yes Reason for Recommendation Complies with RFPG Goals

Study Details

Study type Project Planning County Orange

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

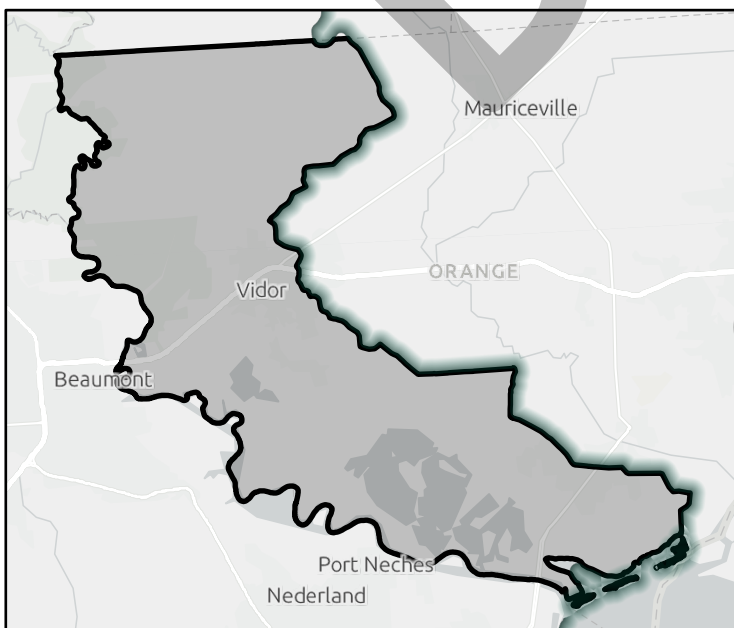
Flood risk type: Riverine? Yes Coastal? Yes Local Flooding? No Other? Yes

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

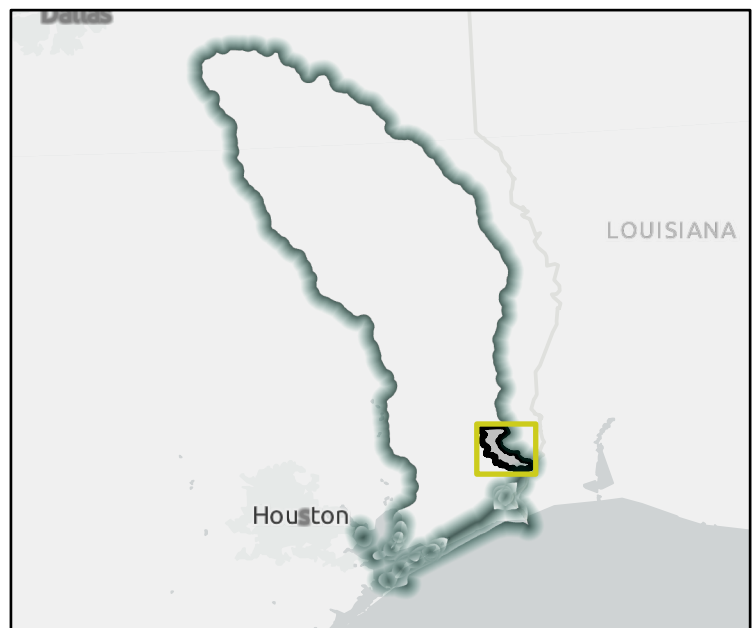
of low water crossings 20 # of historical road closures 20

Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 5

NECHES

REGIONAL FLOOD PLANNING GROUP

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

Recommended by RFPG? Yes Reason for Recommendation Complies with RFPG Goals

Study Details

Study type Project Planning County Orange

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 structures 5,007 # of critical facilities 36

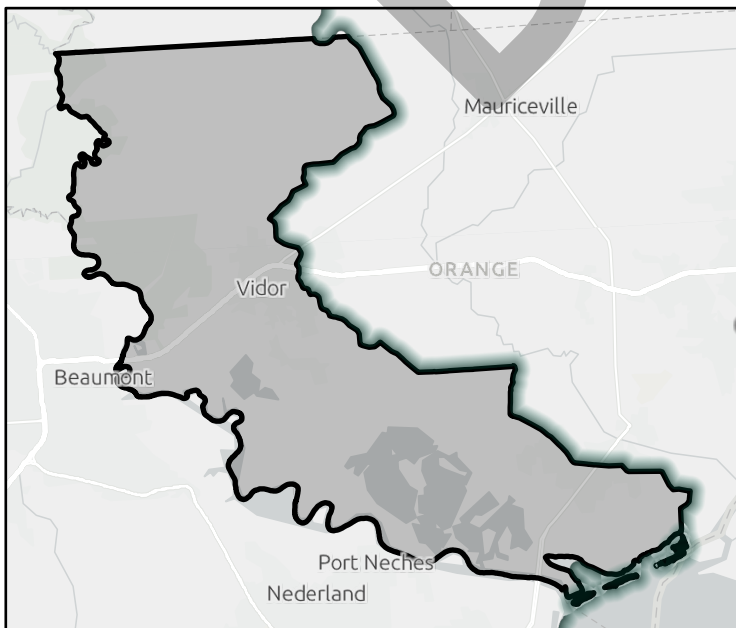
Flood risk type: Riverine? Yes Coastal? Yes Local Flooding? No Other? Yes

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

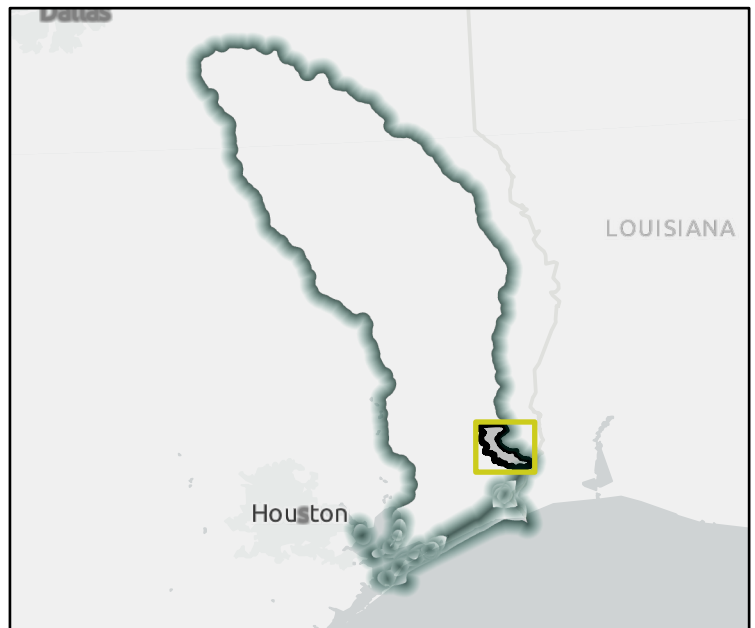
of low water crossings 20 # of historical road closures 20

Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 5

NECHES

REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation

Study Details

Study type County

Study description

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

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

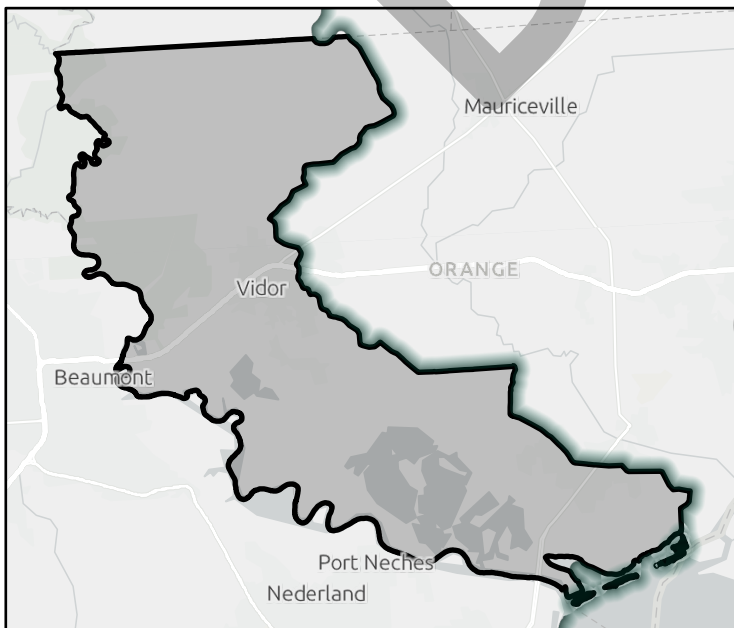
Flood risk type: Riverine? Yes Coastal? Yes Local Flooding? No Other? Yes

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

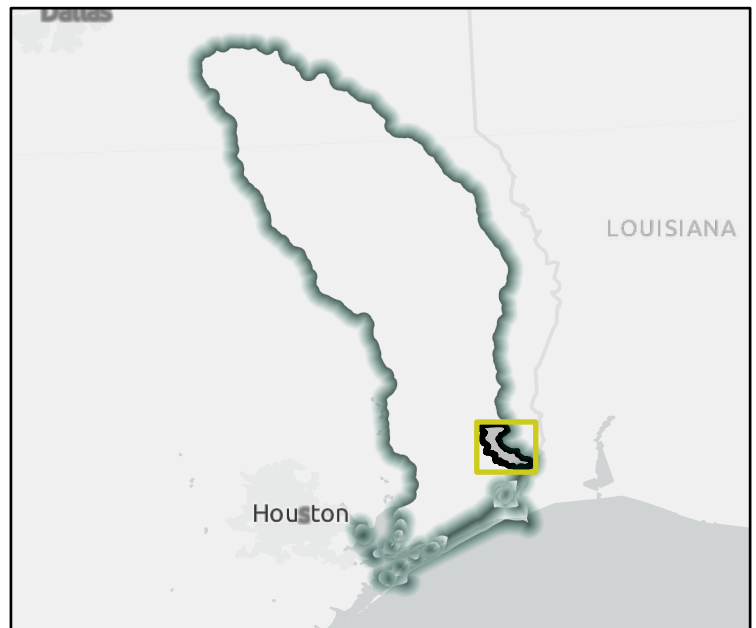
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 5

NECHES

REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation

Study Details

Study type County

Study description

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

- 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.
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 - 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 # of structures # of critical facilities

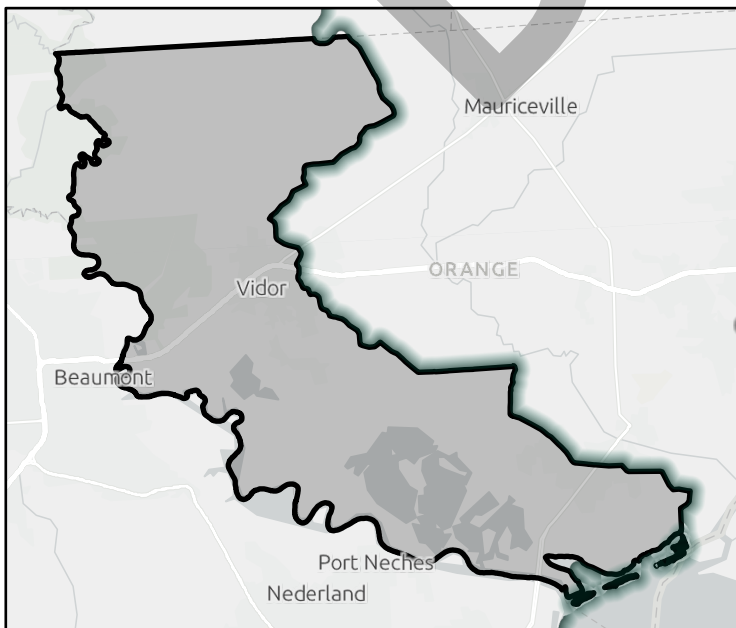
Flood risk type: Riverine? Yes Coastal? Yes Local Flooding? No Other? Yes

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

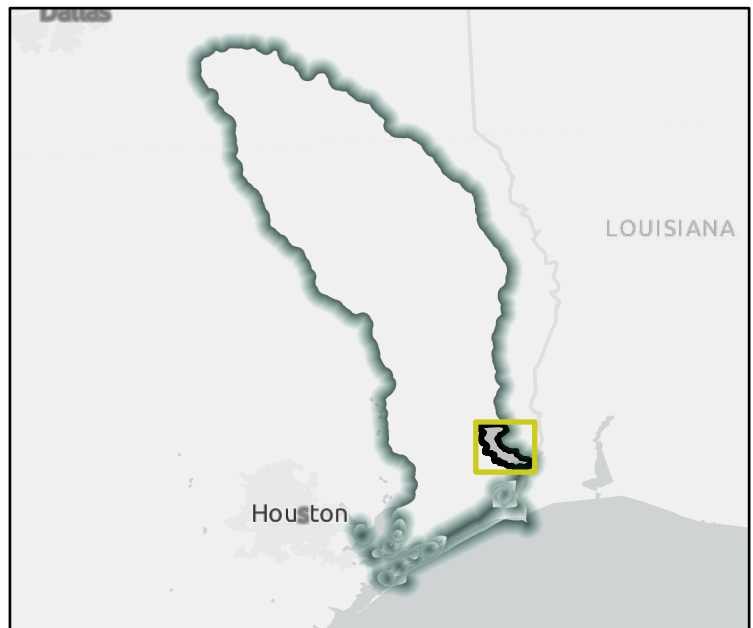
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 5

NECHES

REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation

Study Details

Study type County

Study description

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

- 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 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 # of structures # of critical facilities

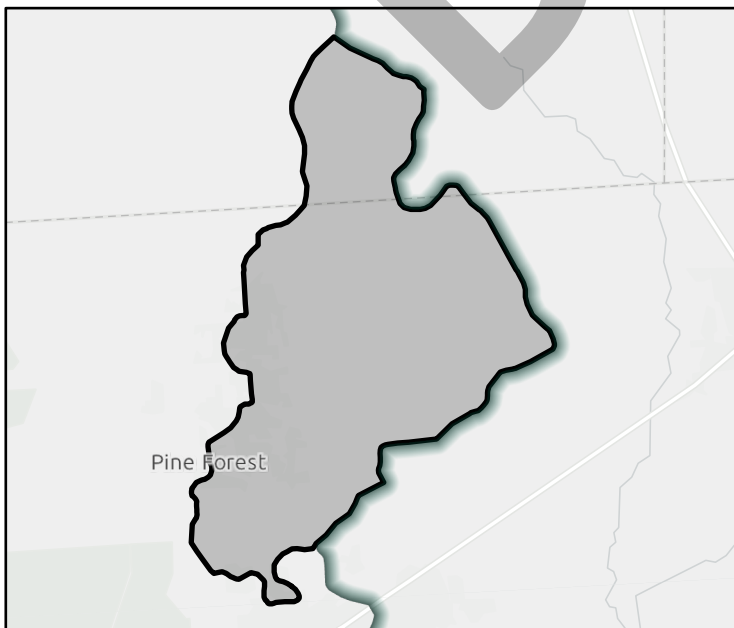
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? Yes

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

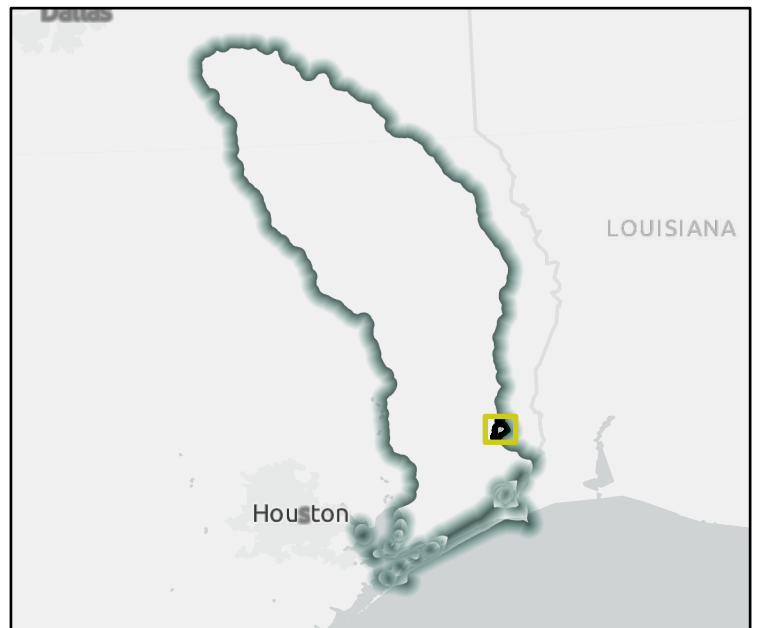
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 5

NECHES

REGIONAL FLOOD PLANNING GROUP

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

ID# 051000150 Sponsor Orange County Drainage District

Recommended by RFPG? Yes Reason for Recommendation Complies with RFPG Goals

Study Details

Study type Project Planning County Orange, Jasper

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.
- 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 1,290 # of structures 848 # of critical facilities 0

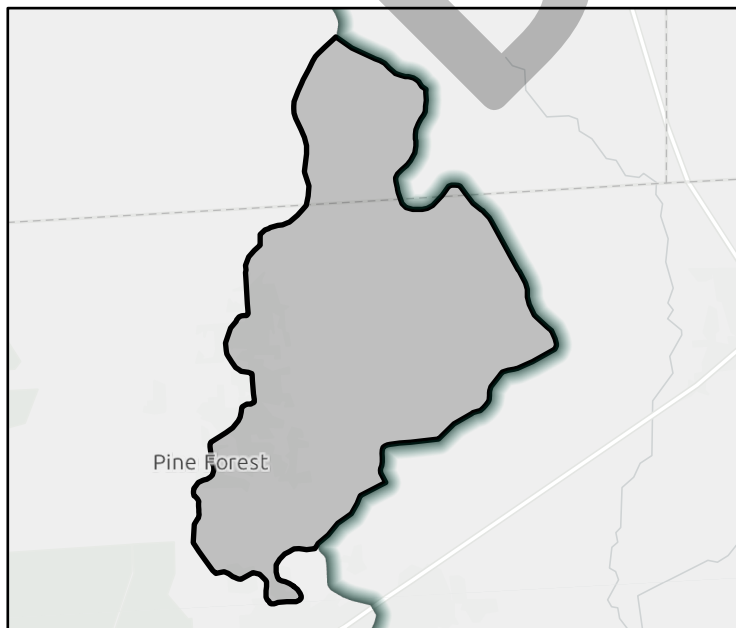
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? Yes

Farm/Ranch land impacted (ac.) 15 Roadways impacted (miles) 17

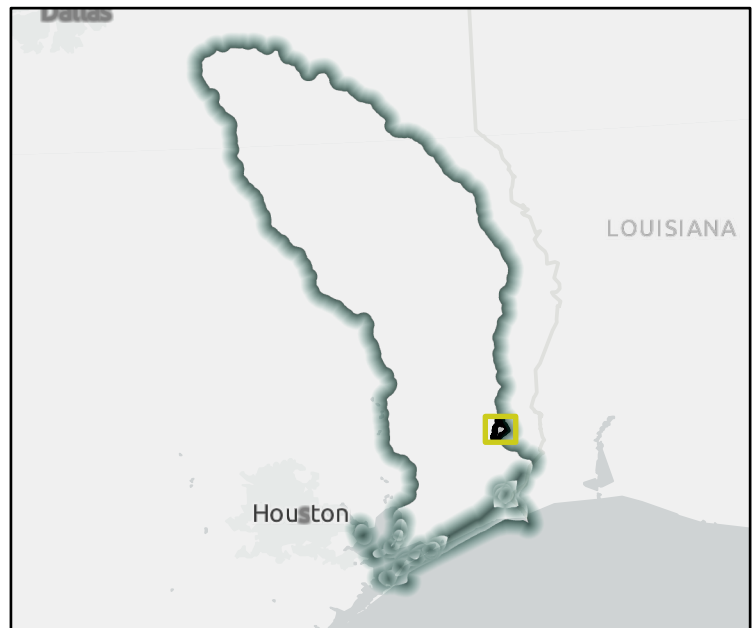
of low water crossings 5 # of historical road closures 5

Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 5

NECHES

REGIONAL FLOOD PLANNING GROUP

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

ID# 051000151 Sponsor Orange County Drainage District

Recommended by RFPG? Yes Reason for Recommendation Complies with RFPG Goals

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.
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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 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 structures 415 # of critical facilities 0

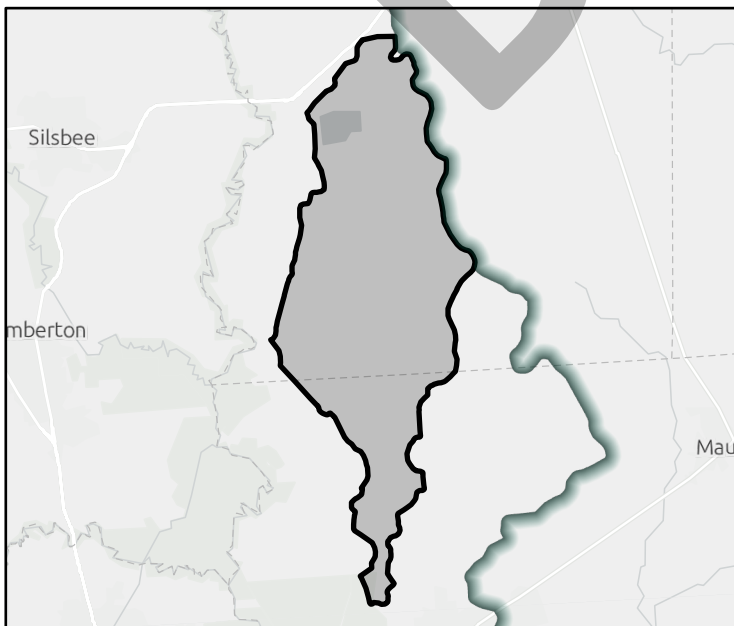
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? No

Farm/Ranch land impacted (ac.) 44 Roadways impacted (miles) 13

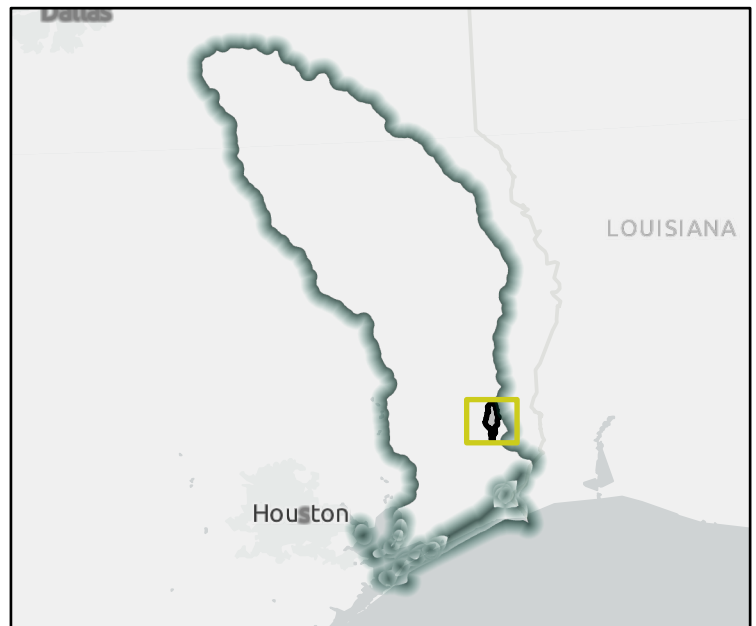
of low water crossings 2 # of historical road closures 2

Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 5

NECHES

REGIONAL FLOOD PLANNING GROUP

Title Feasibility Assessment of Widening and Deepening Segments of Anderson Gully

ID# 051000152 Sponsor Orange County Drainage District

Recommended by RFPG? Yes Reason for Recommendation Complies with RFPG Goals

Study Details

Study type Project Planning County Orange, Jefferson

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 structures 1,366 # of critical facilities 194

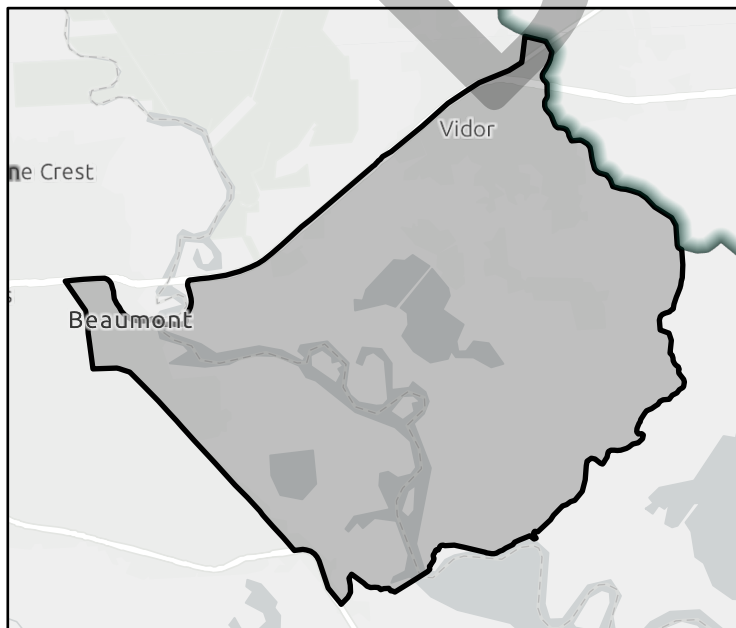
Flood risk type: Riverine? Yes Coastal? Yes Local Flooding? No Other? Yes

Farm/Ranch land impacted (ac.) 140 Roadways impacted (miles) 35

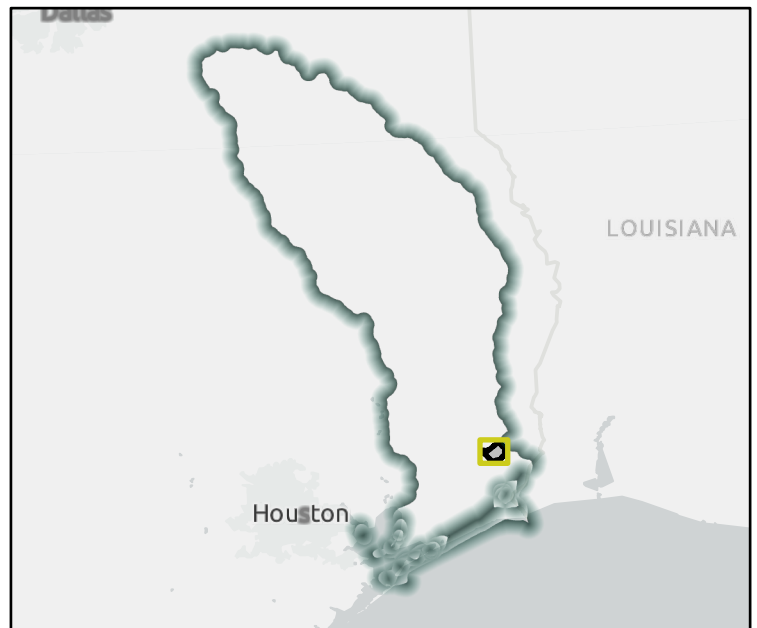
of low water crossings 9 # of historical road closures 9

Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 5

NECHES

REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

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

- 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 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 # of structures # of critical facilities

Flood risk type: Riverine? Coastal? Local Flooding? Other?

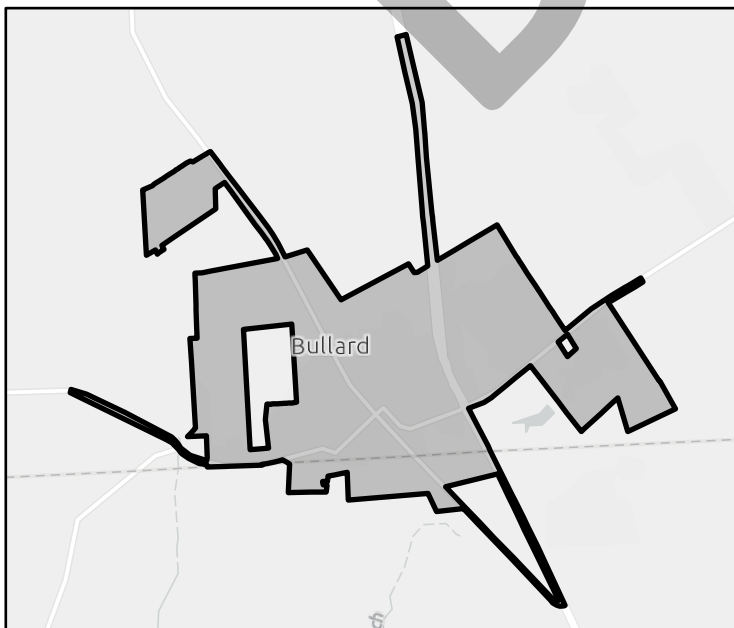
Farm/Ranch land impacted (ac.) Roadways impacted (miles)

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability?

Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 5

NECHES

REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

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

- 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 # of structures # of critical facilities

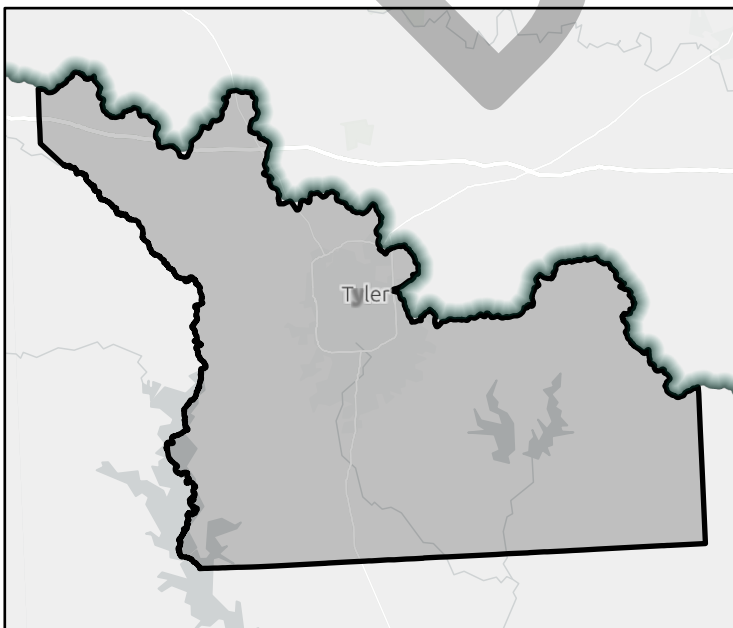
Flood risk type: Riverine? Coastal? Local Flooding? Other?

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

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 5

NECHES

REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? No Drainage area (sq. mi., est.)

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 # of structures # of critical facilities

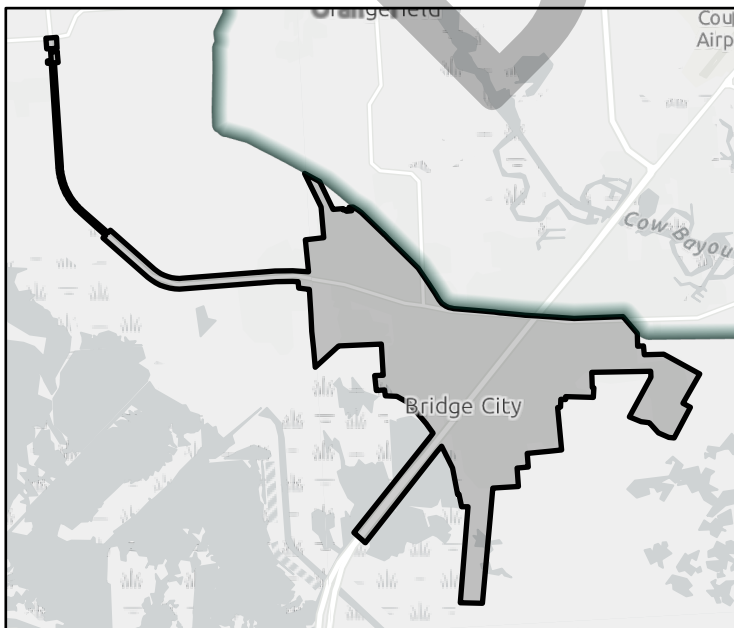
Flood risk type: Riverine? Yes Coastal? Yes Local Flooding? No Other? Yes

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

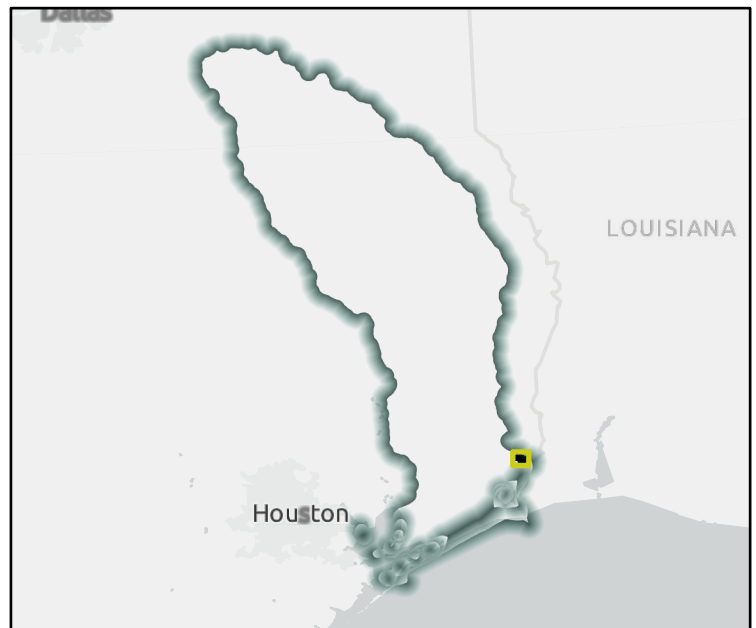
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 5

NECHES

REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation

Study Details

Study type County

Study description

FME to create new H&H model? Yes Emergency Need? Yes Anticipated models in near term? No Drainage area (sq. mi., est.)

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 # of structures # of critical facilities

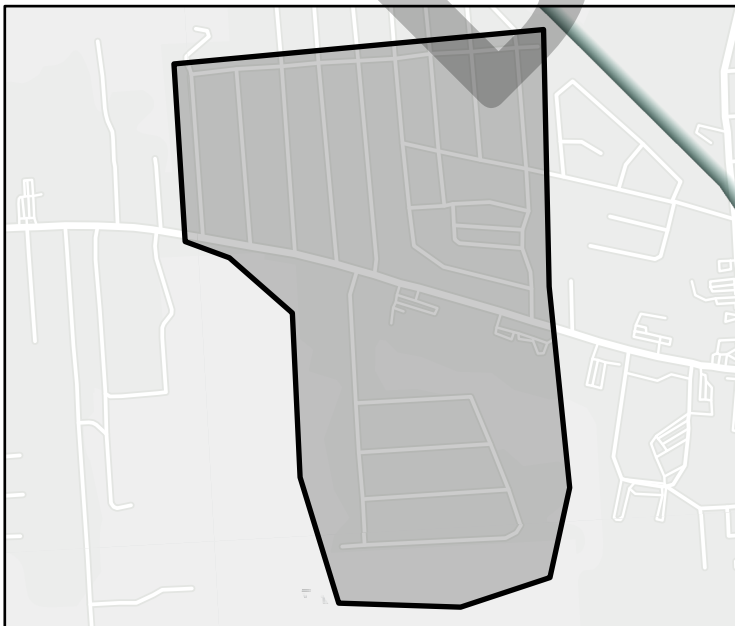
Flood risk type: Riverine? Yes Coastal? Yes Local Flooding? No Other? No

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

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 5

NECHES

REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Reason for Recommendation

Study Details

Study type County

Study description

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

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

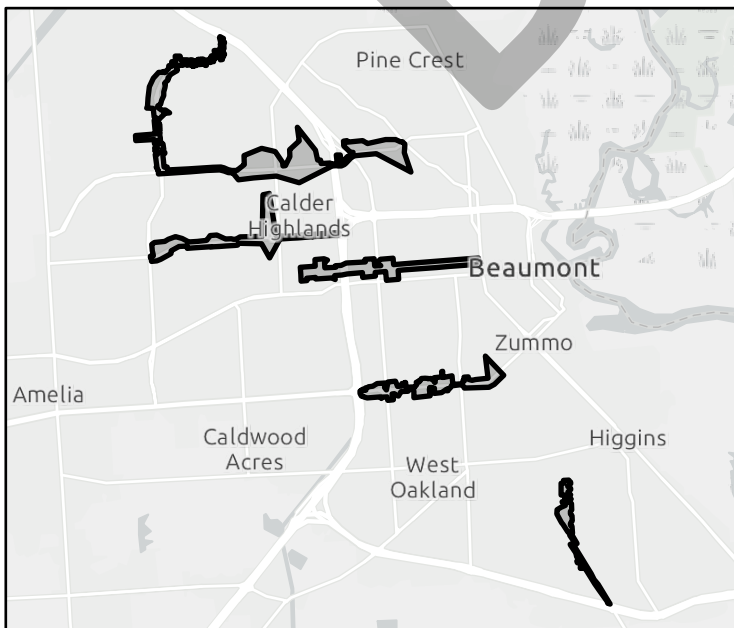
Flood risk type: Riverine? Coastal? Local Flooding? Other?

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

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 5

NECHES

REGIONAL FLOOD PLANNING GROUP

Title North Taylor Regional Detention Basin

ID# 051000158 Sponsor Jefferson County Drainage District 6

Recommended by RFPG? Yes Reason for Recommendation Complies with RFPG Goals

Study Details

Study type Project Planning County Jefferson

Study description The project proposes a regional detention facility north of FM365 and west of South China Road in the upper portion of the North Fork of Taylors Bayou watershed.

FME to create new H&H model? Yes Emergency Need? Yes Anticipated 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 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 1,384 # of structures 1,085 # of critical facilities 0

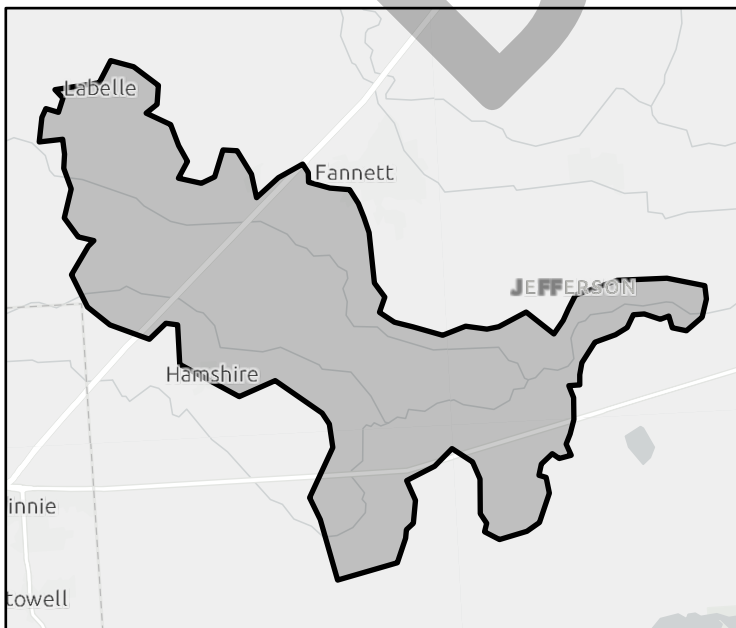
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? Yes

Farm/Ranch land impacted (ac.) 5,114 Roadways impacted (miles) 71

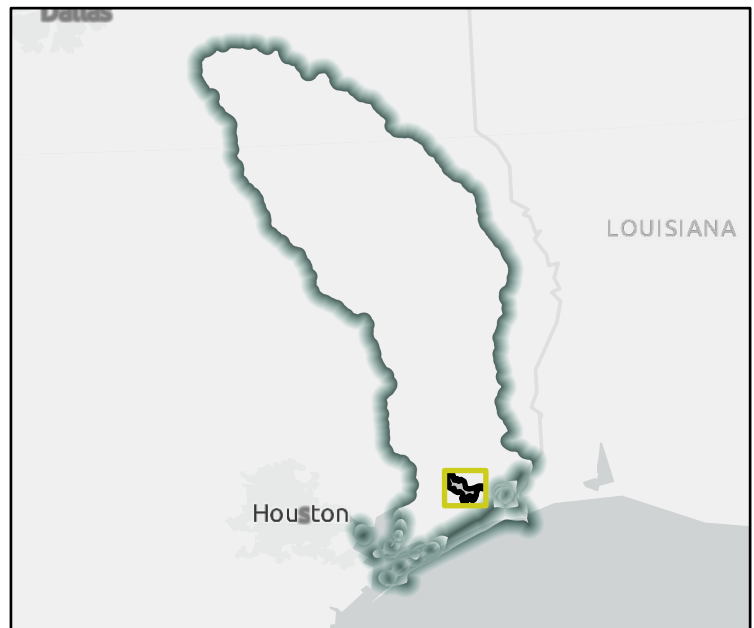
of low water crossings 2 # of historical road closures 2

Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 5

NECHES

REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation

Study Details

Study type County

Study description

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

- 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 # of structures # of critical facilities

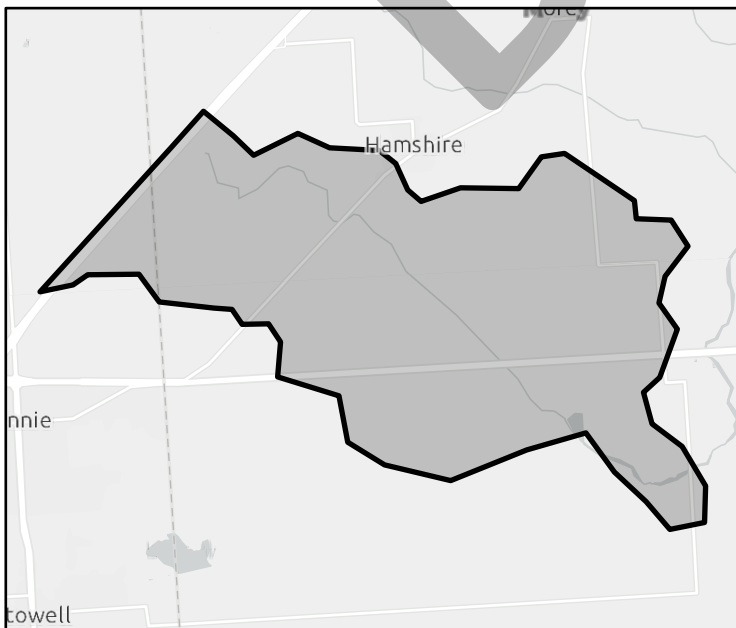
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? Yes

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

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 5

NECHES

REGIONAL FLOOD PLANNING GROUP

Title **South Taylor Regional Detention Basin**

ID# **051000160** Sponsor **Jefferson County Drainage District 6**

Recommended by RFPG? **Yes** Reason for Recommendation **Complies with RFPG Goals**

Study Details

Study type **Project Planning** County **Jefferson**

Study description **The project proposes a regional detention facility west of Heizig Road in the watersheds of both the North and South Forks of Taylor's Bayou.**

FME to create new H&H model? **Yes** Emergency Need? **Yes** Anticipated 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 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 **1,502** # of structures **1,157** # of critical facilities **0**

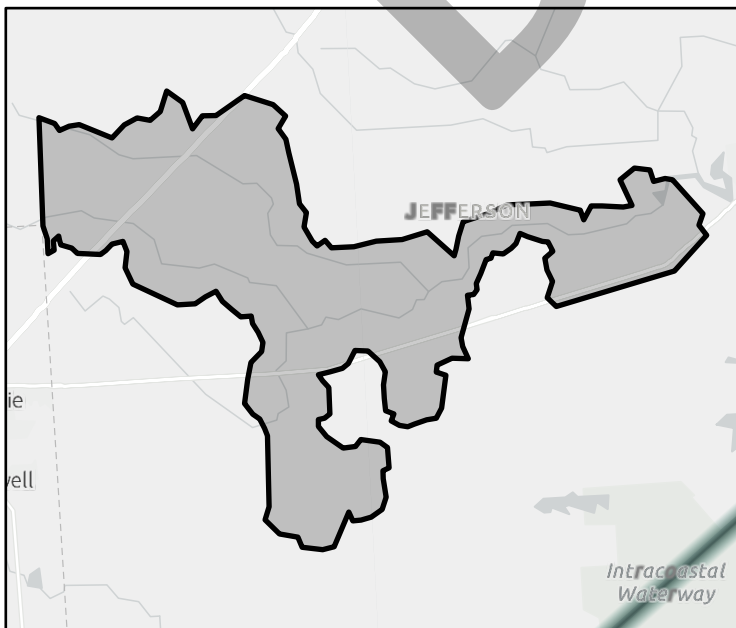
Flood risk type: Riverine? **Yes** Coastal? **No** Local Flooding? **No** Other? **Yes**

Farm/Ranch land impacted (ac.) **5,455** Roadways impacted (miles) **87**

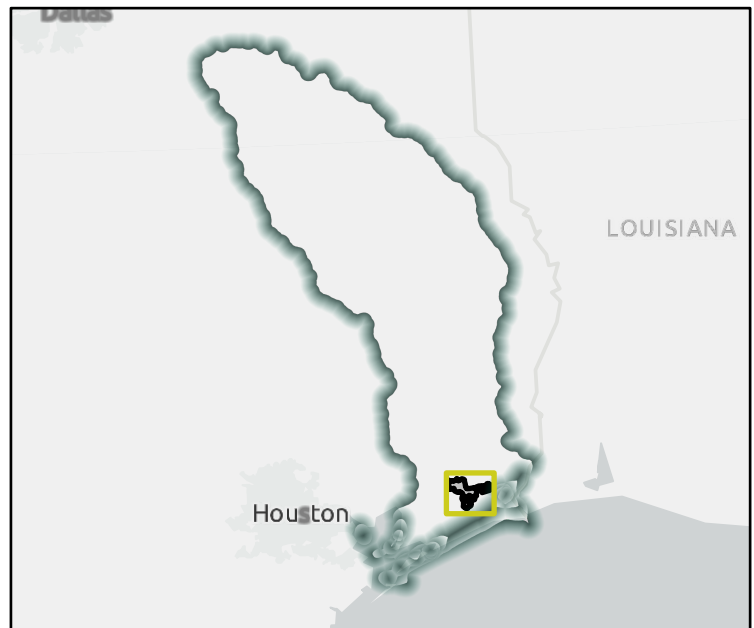
of low water crossings **1** # of historical road closures **1**

Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 5

NECHES

REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation

Study Details

Study type County

Study description

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

Goal(s)

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

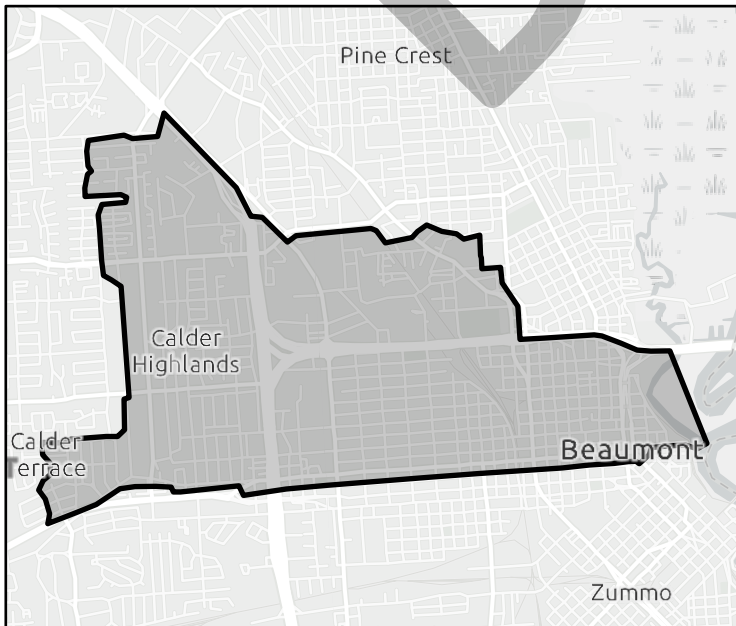
Flood risk type: Riverine? Yes Coastal? No Local Flooding? No Other? Yes

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

of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 5

NECHES

REGIONAL FLOOD PLANNING GROUP

Title **Needmore Diversion**

ID# **051000162** Sponsor **Jefferson County Drainage District 6**

Recommended by RFPG? **Yes** Reason for Recommendation **Complies with RFPG Goals**

Study Details

Study type **Project Planning** County **Jefferson**

Study description **Evaluate a diversion channel from downstream of Lower Mayhaw Bayou to Needmore**

FME to create new H&H model? **Yes** Emergency Need? **Yes** Anticipated 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 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 **632** # of structures **483** # of critical facilities **0**

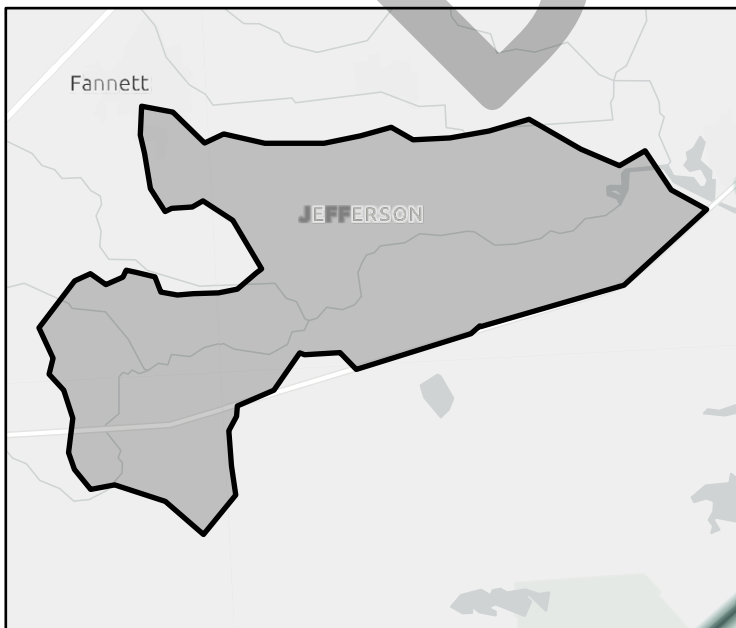
Flood risk type: Riverine? **Yes** Coastal? **Yes** Local Flooding? **No** Other? **Yes**

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

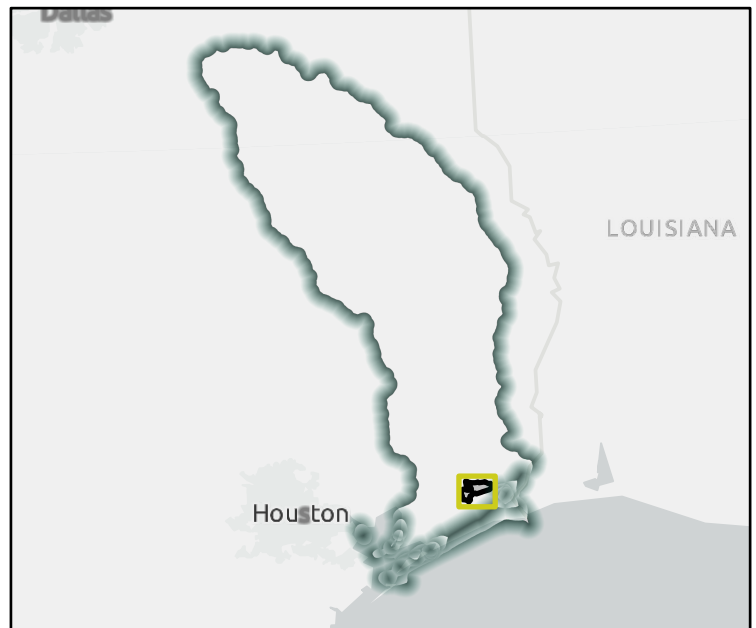
of low water crossings **0** # of historical road closures **0**

Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

REGION 5

NECHES

REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

Recommended by RFPG? Yes Reason for Recommendation

Study Details

Study type County

Study description

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

- 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 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%.

100-Year Flood Risk Summary

Population at risk # of structures # of critical facilities

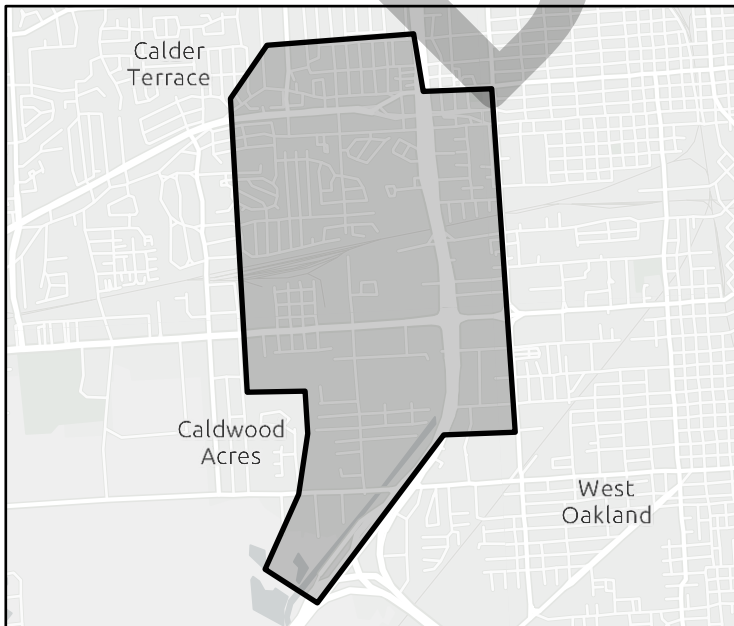
Flood risk type: Riverine? Yes Coastal? Yes Local Flooding? Yes Other? No

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

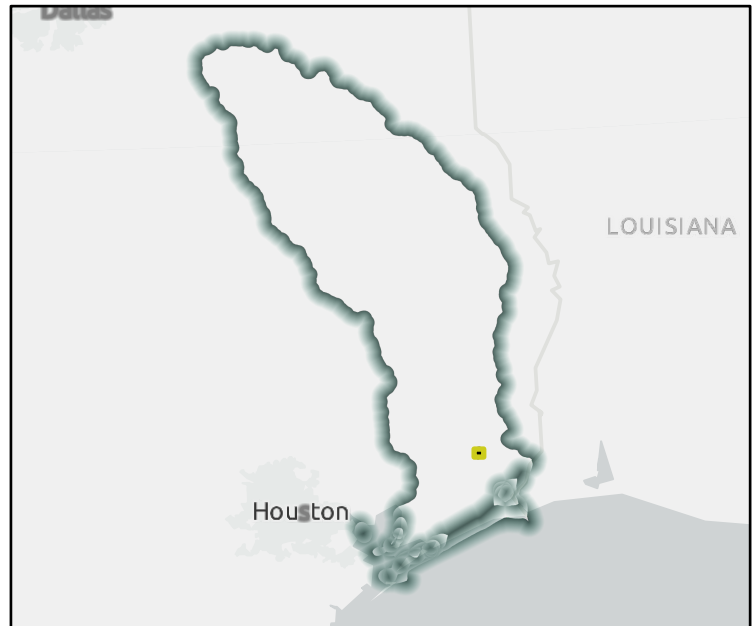
of low water crossings # of historical road closures

Estimated Cost and Funding Availability

Total Cost Potential federal funding availability? Yes Potential Federal Funding Sources



FME Area



Regional view of FME area

Flood Management Strategy (FMS)

REGION 5



Title Anderson County Flood Education Program

ID# 052000001 Sponsor Anderson (County)

RFPG recommend? Yes Reason for Recommendation Complies with RFPG Goals

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

100-Year Flood Risk Reduction

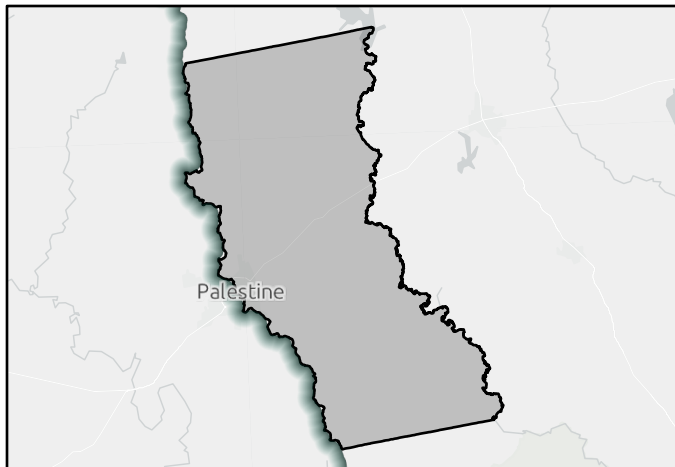
Population removed from 100-yr - # of structures removed from 100-yr -
 Critical facilities removed from 100-yr - Farm/Ranch land removed from 100-yr (acres) -
 Road removed from 100-yr (miles) - Low water crossings removed from 100-yr -
 Other benefits - Reduction in # of road closures over 10 years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

Impacts

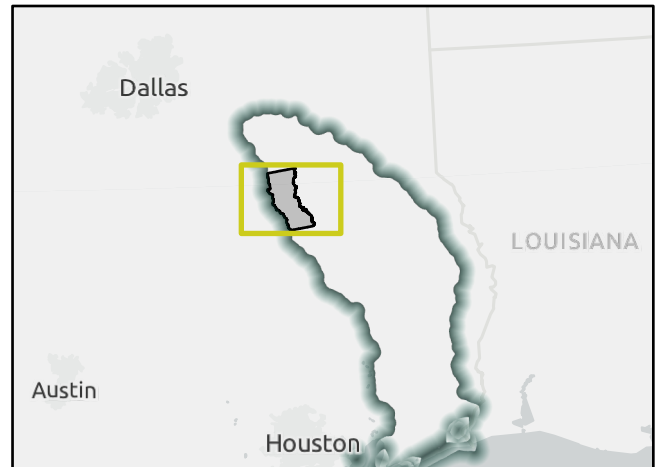
Negative impacts? No Negative impacts description -
 Water supply contributions? No Water supply contribution description -

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title Anderson County Natural Hazards Education Program Development

ID# 052000002 Sponsor Anderson (County)

RFPG recommend? Yes Reason for Recommendation Complies with RFPG Goals

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 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 73 # of structures 69 Critical facilities 0

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

Farm/Ranch land impacted (acres) 348 Roadway(s) impacted (miles) 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 -

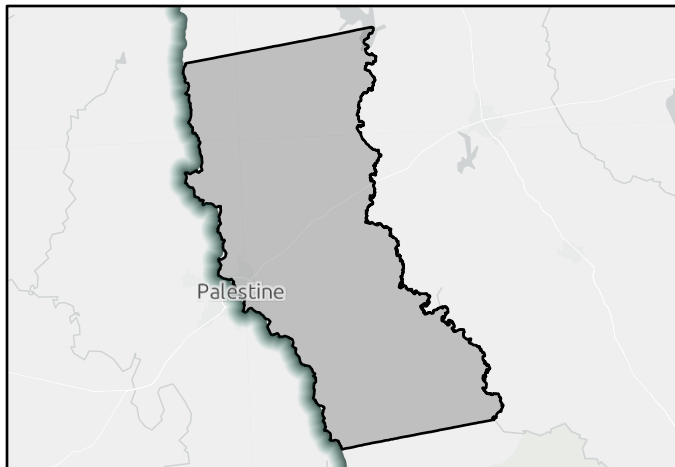
Impacts

Negative impacts? No Negative impacts description -

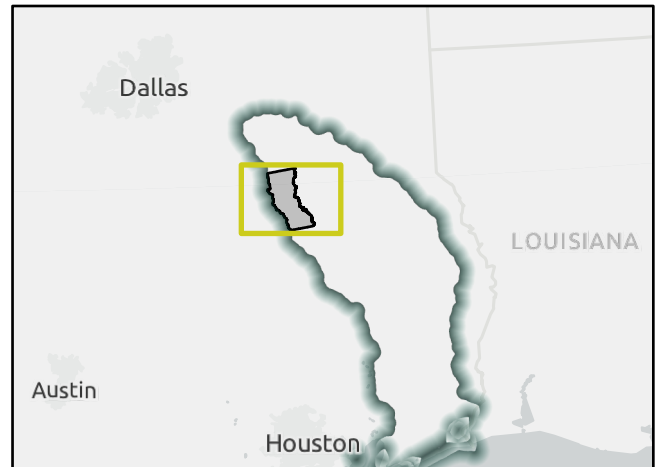
Water supply contributions? No Water supply contribution description -

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title City of Frankston Flood Education Program

ID# 052000003 Sponsor Frankston (Municipality)

RFPG recommend? Yes Reason for Recommendation Complies with RFPG Goals

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 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 (acres) 0 Roadway(s) impacted (miles) 0

Number of low water crossings 0 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 -

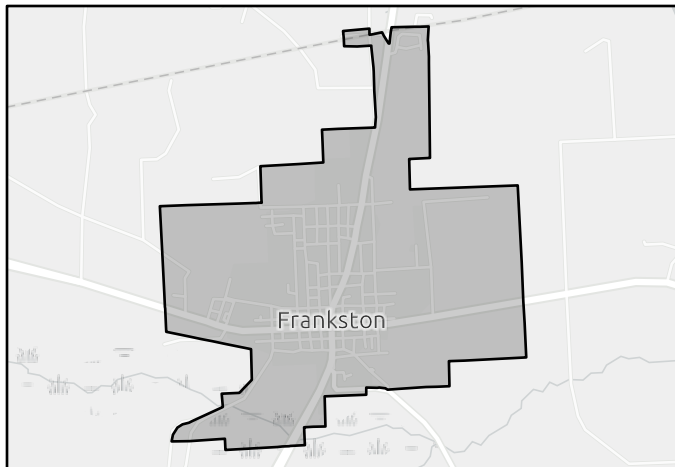
Impacts

Negative impacts? No Negative impacts description -

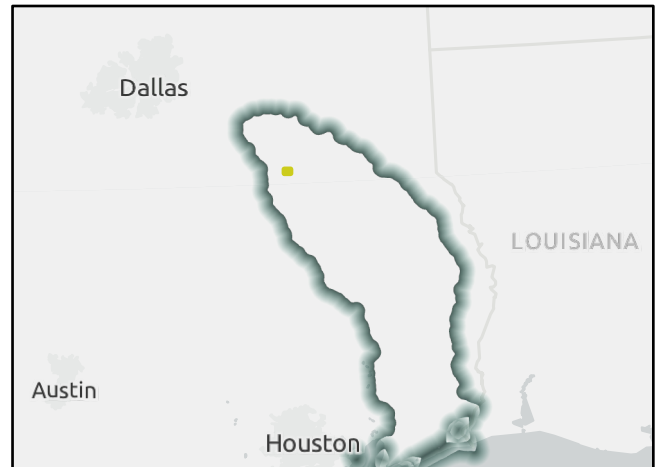
Water supply contributions? No Water supply contribution description -

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title Angelina County Public Education on Mitigation Techniques

ID# 052000004 Sponsor Angelina (County)

RFPG recommend? Yes Reason for Recommendation Complies with RFPG Goals

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 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	8,420	# of structures	1,201	Critical facilities	11
Flood risk type:	Riverine? <input checked="" type="checkbox"/> Yes	Coastal? <input type="checkbox"/> No	Local? <input checked="" type="checkbox"/> Yes	Playa? <input type="checkbox"/> No	Other? <input type="checkbox"/> Yes
Farm/Ranch land impacted (acres)	165	Roadway(s) impacted (miles)	66		
Number of low water crossings	19	Historical road closures	19		

100-Year Flood Risk Reduction

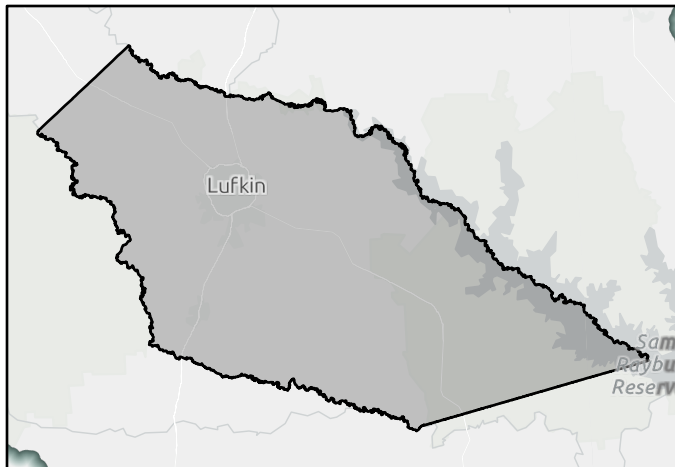
Population removed from 100-yr	-	# of structures removed from 100-yr	-
Critical facilities removed from 100-yr	-	Farm/Ranch land removed from 100-yr (acres)	-
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr	-
Other benefits	-	Reduction in # of road closures over 10 years	-

Impacts

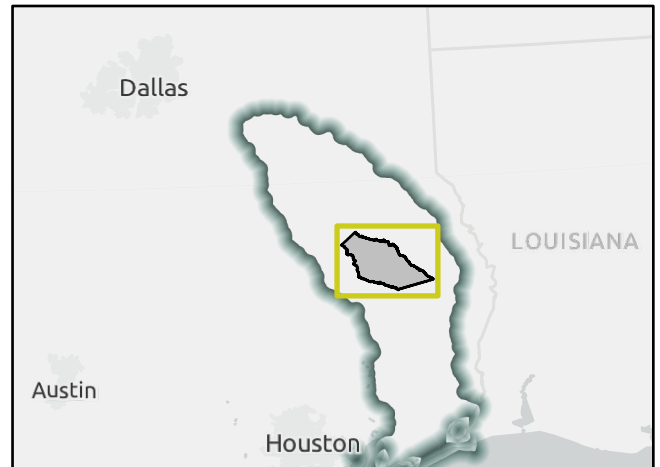
Negative impacts?	<input type="checkbox"/> No	Negative impacts description	-
Water supply contributions?	<input type="checkbox"/> No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5

NECHES

Title Chambers County Public Education on Mitigation Techniques

ID# 052000005 Sponsor Chambers (County)

RFPG recommend? Yes Reason for Recommendation Complies with RFPG Goals

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 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 1,431 # of structures 1,175 Critical facilities 0

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

Farm/Ranch land impacted (acres) 36,933 Roadway(s) impacted (miles) 162

Number of low water crossings 0 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 -

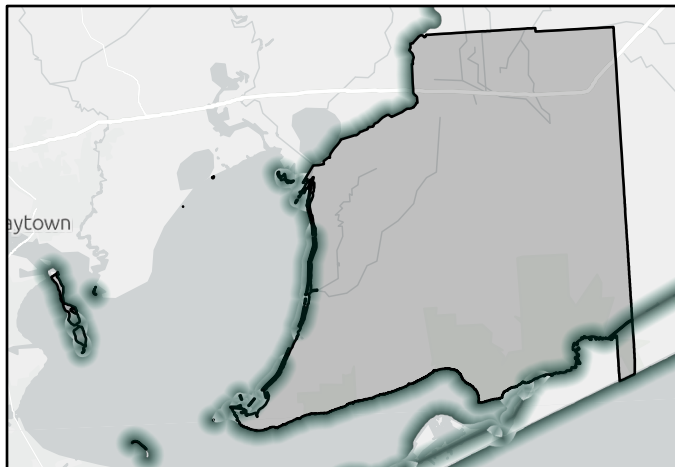
Impacts

Negative impacts? No Negative impacts description -

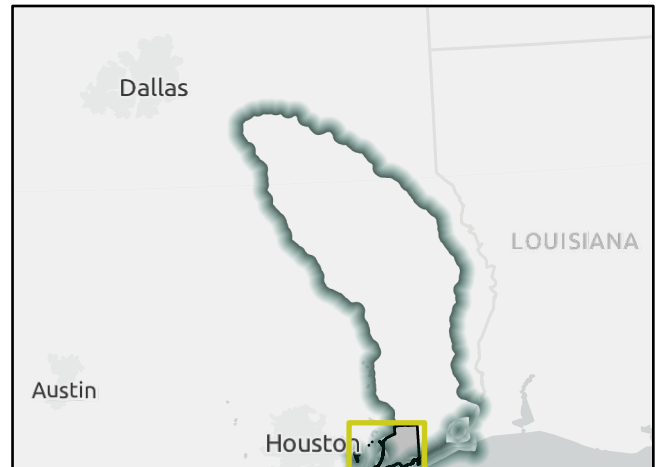
Water supply contributions? No Water supply contribution description -

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



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

ID# 052000006 Sponsor Gallatin (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 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 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	2	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? Yes	Playa? No	Other? No
Farm/Ranch land impacted (acres)	60	Roadway(s) impacted (miles)	1		
Number of low water crossings	0	Historical road closures	0		

100-Year Flood Risk Reduction

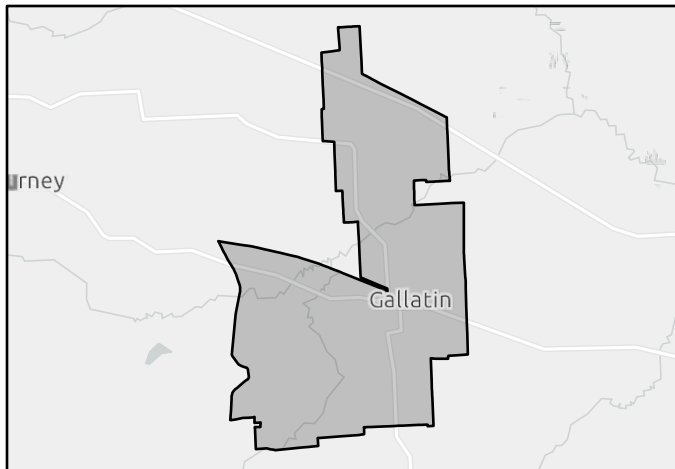
Population removed from 100-yr	-	# of structures removed from 100-yr	-
Critical facilities removed from 100-yr	-	Farm/Ranch land removed from 100-yr (acres)	-
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr	-
Other benefits	-	Reduction in # of road closures over 10 years	-

Impacts

Negative impacts?	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
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



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 facilities 0

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

Farm/Ranch land impacted (acres) 4 Roadway(s) impacted (miles) 4

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 -

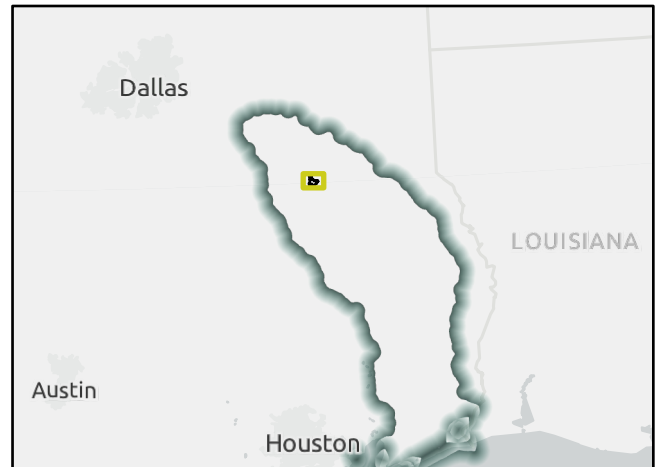
Water supply contributions? No Water supply contribution description -

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



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

ID# 052000008 Sponsor Rusk (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 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 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	462	# of structures	41	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? Yes	Playa? No	Other? No
Farm/Ranch land impacted (acres)	1	Roadway(s) impacted (miles)	2		
Number of low water crossings	0	Historical road closures	0		

100-Year Flood Risk Reduction

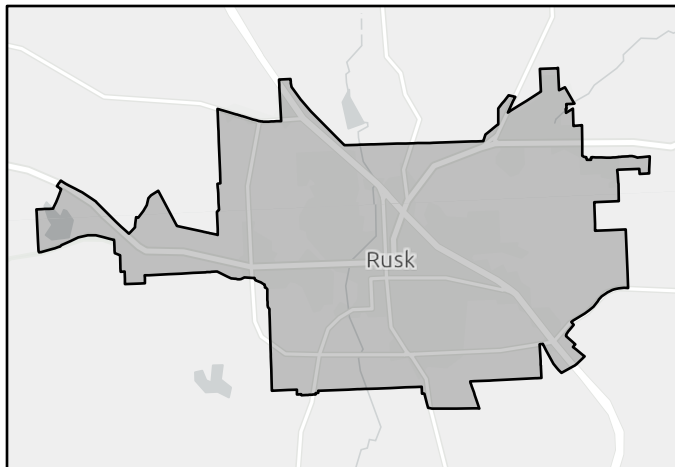
Population removed from 100-yr	-	# of structures removed from 100-yr	-
Critical facilities removed from 100-yr	-	Farm/Ranch land removed from 100-yr (acres)	-
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr	-
Other benefits	-	Reduction in # of road closures over 10 years	-

Impacts

Negative impacts?	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
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title Henderson County Emergency Training Program

ID# 052000009 Sponsor Henderson (County)

RFPG recommend? Yes Reason for Recommendation Complies with RFPG Goals

REGIONAL FLOOD PLANNING GROUP

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 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	267	# of structures	240	Critical facilities	0
Flood risk type:	Riverine? <input checked="" type="checkbox"/> Yes	Coastal? <input type="checkbox"/> No	Local? <input checked="" type="checkbox"/> Yes	Playa? <input type="checkbox"/> No	Other? <input type="checkbox"/> Yes
Farm/Ranch land impacted (acres)	348	Roadway(s) impacted (miles)	20		
Number of low water crossings	1	Historical road closures	1		

100-Year Flood Risk Reduction

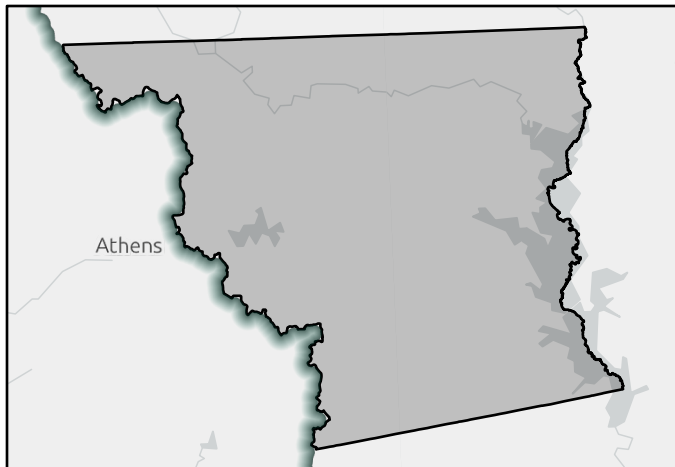
Population removed from 100-yr	-	# of structures removed from 100-yr	-
Critical facilities removed from 100-yr	-	Farm/Ranch land removed from 100-yr (acres)	-
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr	-
Other benefits	-	Reduction in # of road closures over 10 years	-

Impacts

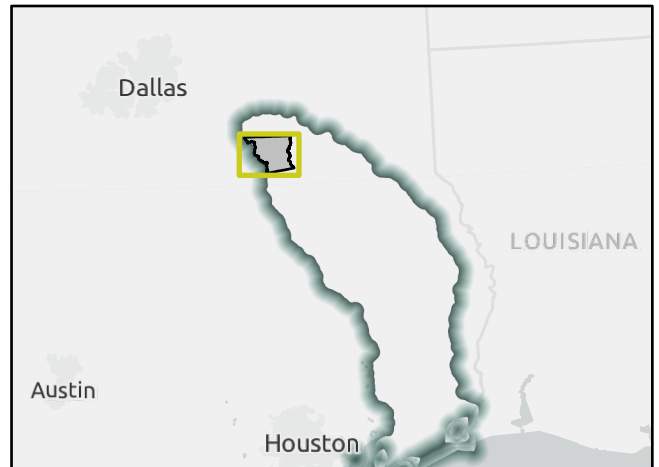
Negative impacts?	<input type="checkbox"/> No	Negative impacts description	-
Water supply contributions?	<input type="checkbox"/> No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title City of Berryville Public Education on Mitigation Techniques

ID# 052000010 Sponsor Berryville (Municipality)

RFPG recommend? Yes Reason for Recommendation Complies with RFPG Goals

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 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 (acres) 0 Roadway(s) impacted (miles) 0
 Number of low water crossings 0 Historical road closures 0

100-Year Flood Risk Reduction

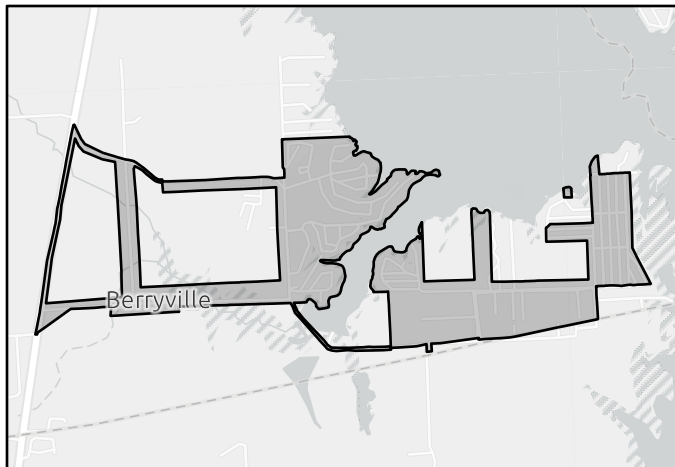
Population removed from 100-yr - # of structures removed from 100-yr -
 Critical facilities removed from 100-yr - Farm/Ranch land removed from 100-yr (acres) -
 Road removed from 100-yr (miles) - Low water crossings removed from 100-yr -
 Other benefits - Reduction in # of road closures over 10 years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

Impacts

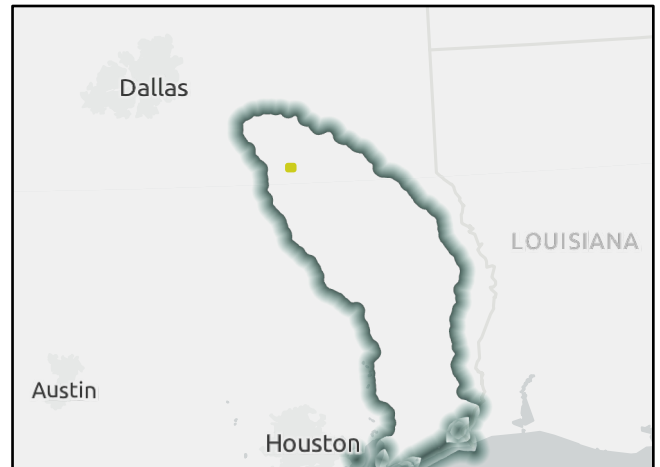
Negative impacts? No Negative impacts description -
 Water supply contributions? No Water supply contribution description -

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



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

ID# 052000011 Sponsor Brownsboro (Municipality)

RFPG recommend? Yes Reason for Recommendation Complies with RFPG Goals

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

100-Year Flood Risk Reduction

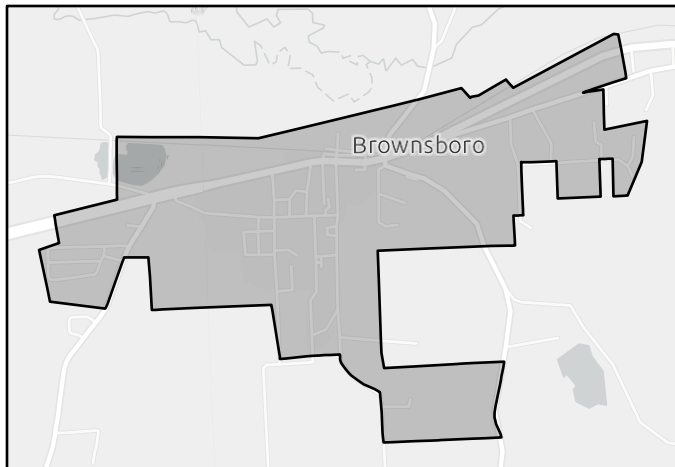
Population removed from 100-yr - # of structures removed from 100-yr -
 Critical facilities removed from 100-yr - Farm/Ranch land removed from 100-yr (acres) -
 Road removed from 100-yr (miles) - Low water crossings removed from 100-yr -
 Other benefits - Reduction in # of road closures over 10 years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

Impacts

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

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title City of Brownsboro Public Education on Mitigation Techniques

ID# 052000012 Sponsor Brownsboro (Municipality)

RFPG recommend? Yes Reason for Recommendation Complies with RFPG Goals

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

100-Year Flood Risk Reduction

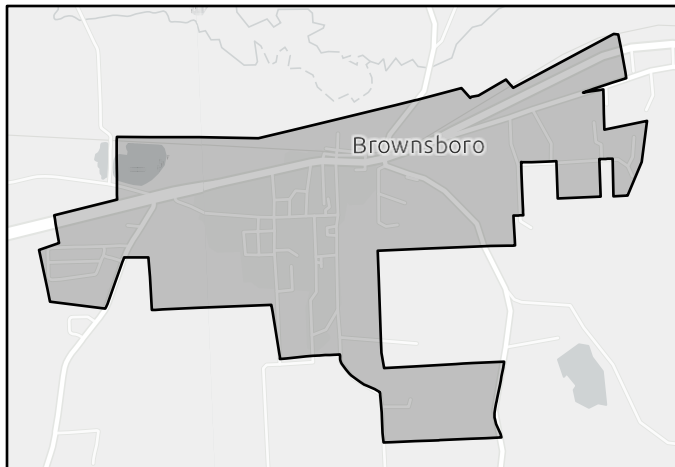
Population removed from 100-yr - # of structures removed from 100-yr -
 Critical facilities removed from 100-yr - Farm/Ranch land removed from 100-yr (acres) -
 Road removed from 100-yr (miles) - Low water crossings removed from 100-yr -
 Other benefits - Reduction in # of road closures over 10 years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

Impacts

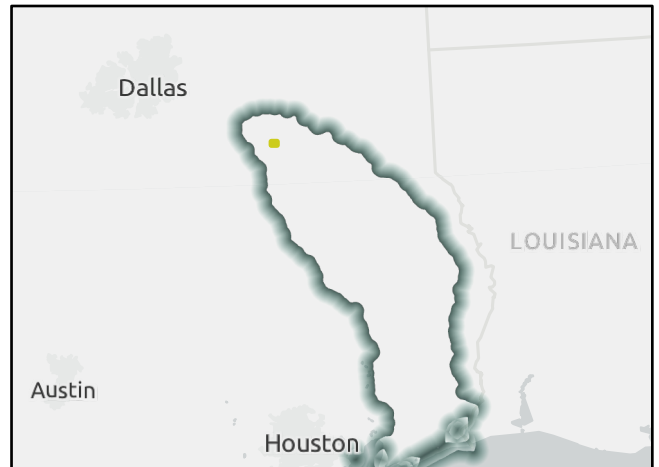
Negative impacts? No Negative impacts description -
 Water supply contributions? No Water supply contribution description -

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



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

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 # of structures 29 Critical facilities 0
 Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No
 Farm/Ranch land impacted (acres) 7 Roadway(s) impacted (miles) 1
 Number of low water crossings 0 Historical road closures 0

100-Year Flood Risk Reduction

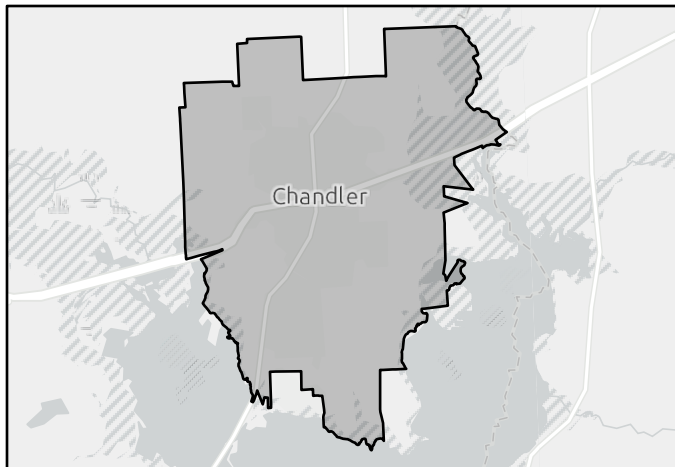
Population removed from 100-yr - # of structures removed from 100-yr -
 Critical facilities removed from 100-yr - Farm/Ranch land removed from 100-yr (acres) -
 Road removed from 100-yr (miles) - Low water crossings removed from 100-yr -
 Other benefits - Reduction in # of road closures over 10 years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

Impacts

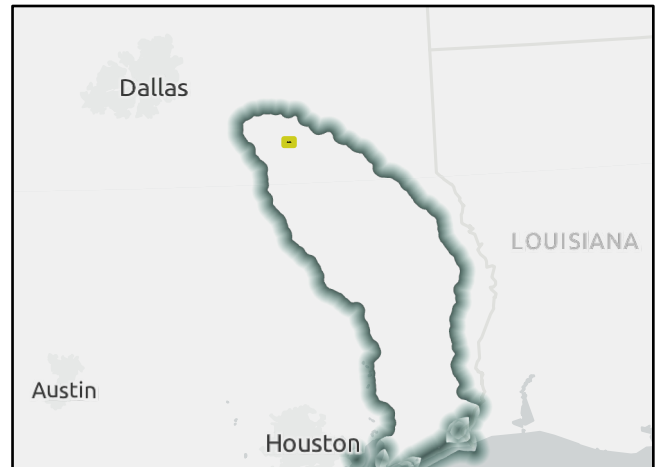
Negative impacts? No Negative impacts description -
 Water supply contributions? No Water supply contribution description -

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title City of Chandler Public Education on Code Red System

ID# 052000014 Sponsor Chandler (Municipality)

RFPG recommend? Yes Reason for Recommendation Complies with RFPG Goals

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 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 # of structures 29 Critical facilities 0
 Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No
 Farm/Ranch land impacted (acres) 7 Roadway(s) impacted (miles) 1
 Number of low water crossings 0 Historical road closures 0

100-Year Flood Risk Reduction

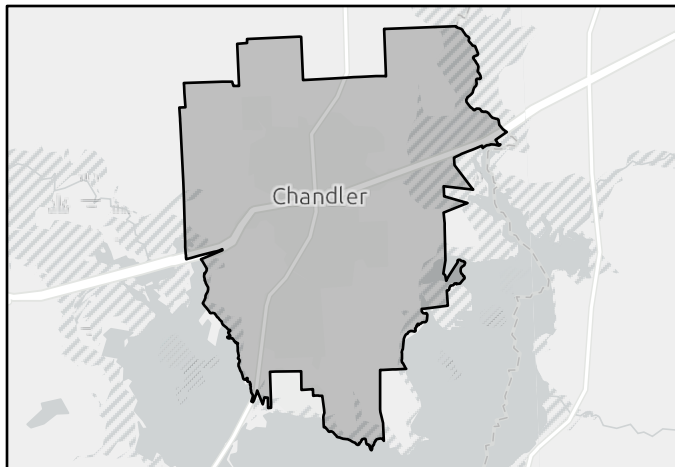
Population removed from 100-yr - # of structures removed from 100-yr -
 Critical facilities removed from 100-yr - Farm/Ranch land removed from 100-yr (acres) -
 Road removed from 100-yr (miles) - Low water crossings removed from 100-yr -
 Other benefits - Reduction in # of road closures over 10 years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

Impacts

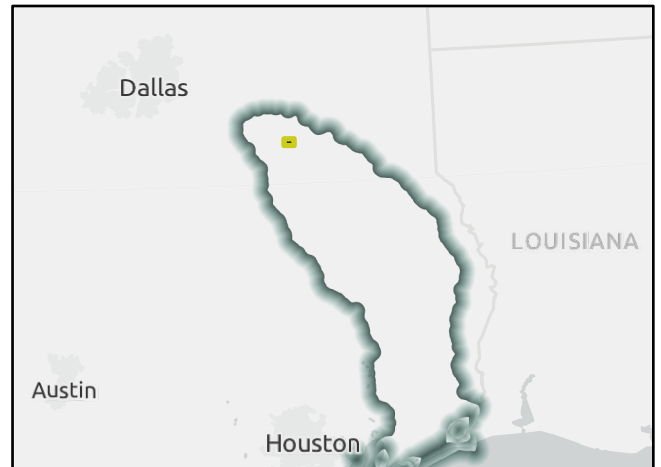
Negative impacts? No Negative impacts description -
 Water supply contributions? No Water supply contribution description -

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type County

Strategy description

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 # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

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

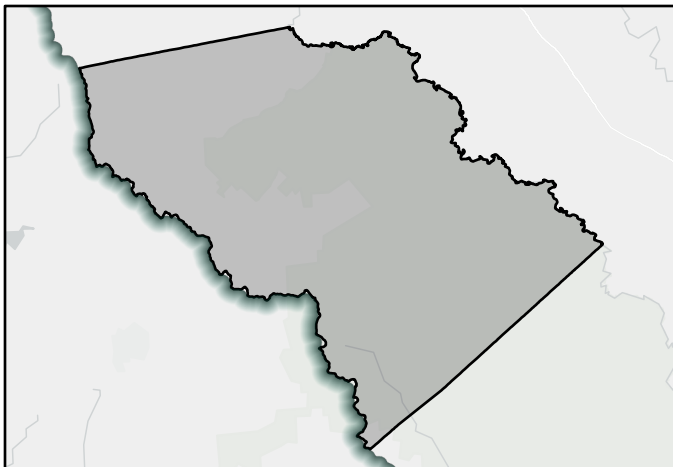
Impacts

Negative impacts? Negative impacts description

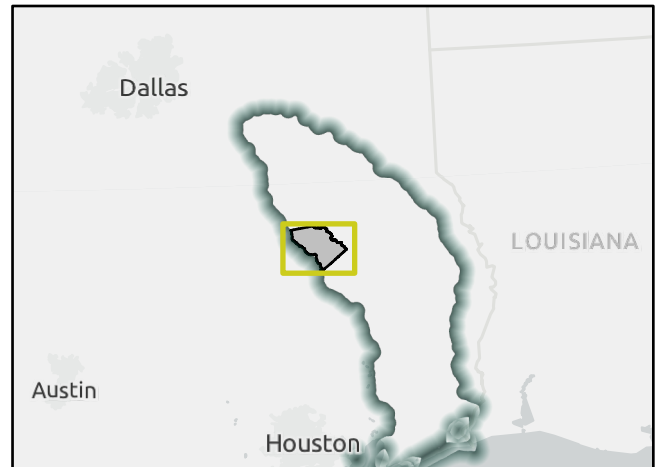
Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type County

Strategy description

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 # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

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

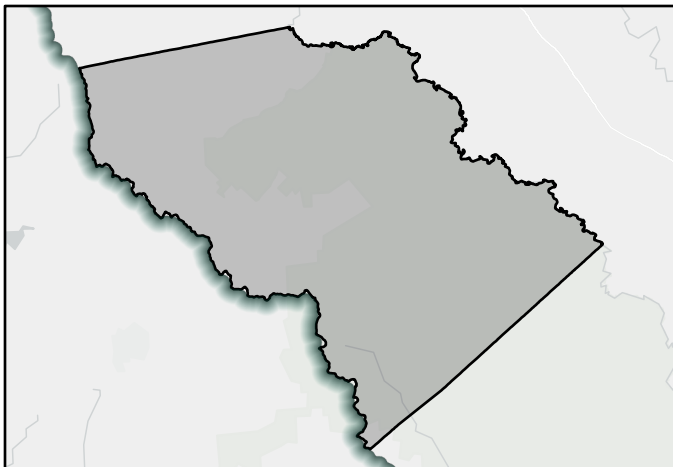
Impacts

Negative impacts? Negative impacts description

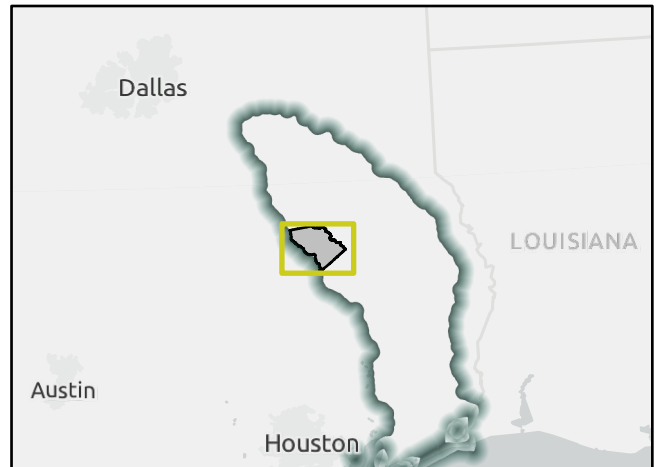
Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



REGIONAL FLOOD PLANNING GROUP

Title City of Kennard Public Awareness Program

ID# 052000017 Sponsor Houston (County)

RFPG recommend? Yes Reason for Recommendation Complies with RFPG Goals

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 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 16 # of structures 17 Critical facilities 0
 Flood risk type: Riverine? Yes Coastal? 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

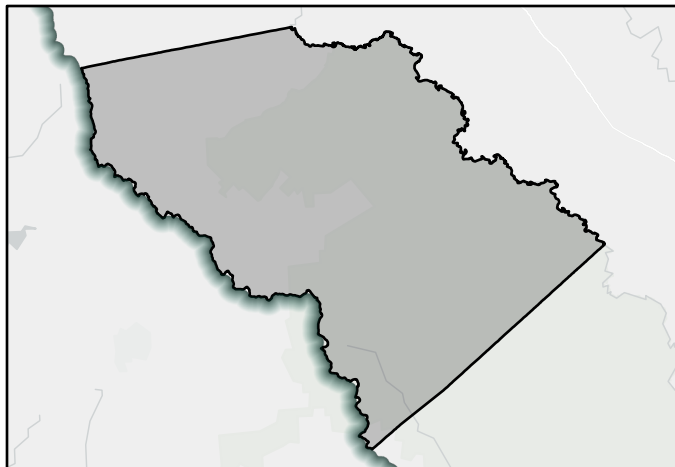
Population removed from 100-yr - # of structures removed from 100-yr -
 Critical facilities removed from 100-yr - Farm/Ranch land removed from 100-yr (acres) -
 Road removed from 100-yr (miles) - Low water crossings removed from 100-yr -
 Other benefits - Reduction in # of road closures over 10 years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

Impacts

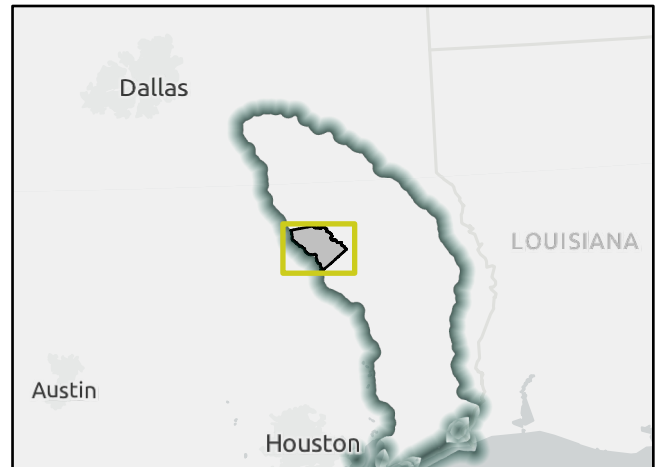
Negative impacts? No Negative impacts description -
 Water supply contributions? No Water supply contribution description -

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title JCDD6 Public Education Material Distribution

ID# 052000018 Sponsor Jefferson County Drainage District 6

RFPG recommend? Yes Reason for Recommendation Complies with RFPG Goals

REGIONAL FLOOD PLANNING GROUP

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 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? Yes Coastal? Yes Local? No Playa? No Other? Yes

Farm/Ranch land impacted (acres) 20,945 Roadway(s) impacted (miles) 215

Number of low water crossings 16 Historical road closures 16

100-Year Flood Risk Reduction

Population removed from 100-yr 286 # of structures removed from 100-yr 101

Critical facilities 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 -

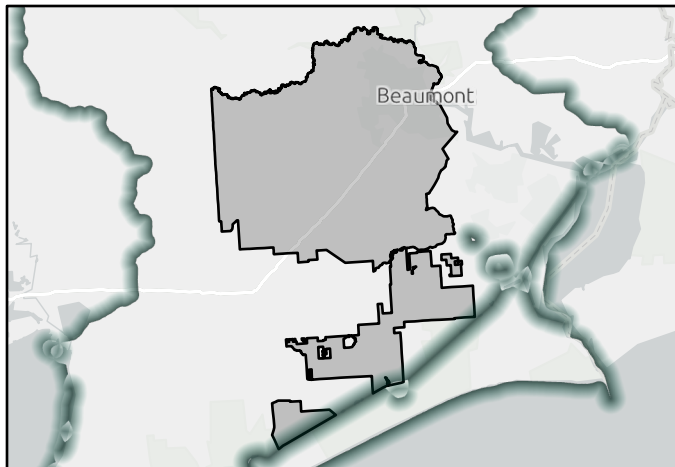
Impacts

Negative impacts? No Negative impacts description -

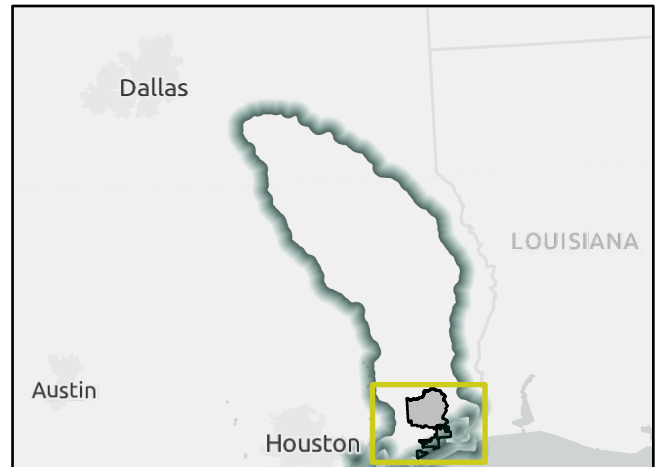
Water supply contributions? No Water supply contribution description -

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title City of Daisetta Education of City Council on Mitigation Benefits

ID# 052000019 Sponsor Daisetta (Municipality)

RFPG recommend? Yes Reason for Recommendation Complies with RFPG Goals

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 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? No Playa? No Other? Yes
 Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (miles) 0
 Number of low water crossings 0 Historical road closures 0

100-Year Flood Risk Reduction

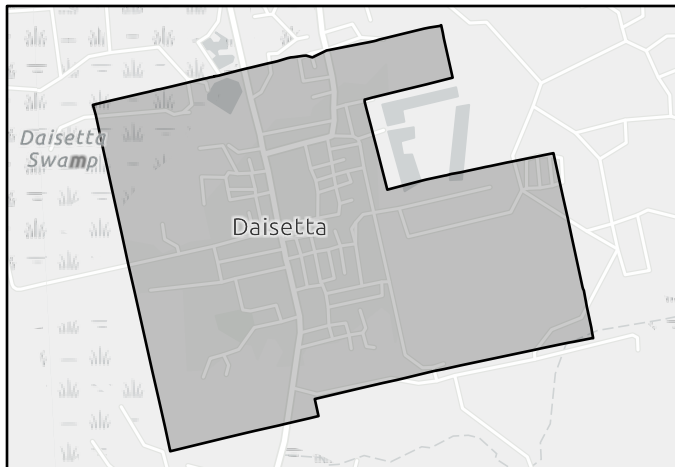
Population removed from 100-yr - # of structures removed from 100-yr -
 Critical facilities removed from 100-yr - Farm/Ranch land removed from 100-yr (acres) -
 Road removed from 100-yr (miles) - Low water crossings removed from 100-yr -
 Other benefits - Reduction in # of road closures over 10 years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

Impacts

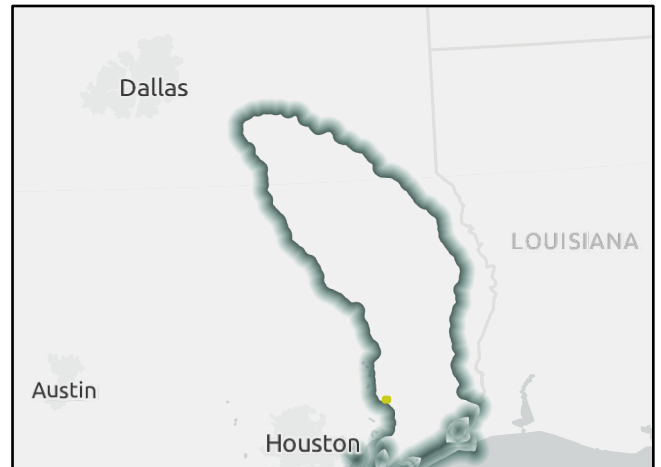
Negative impacts? No Negative impacts description -
 Water supply contributions? No Water supply contribution description -

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title City of Nacogdoches Public Education Program

ID# 052000020 Sponsor Nacogdoches (Municipality)

RFPG recommend? Yes Reason for Recommendation Complies with RFPG Goals

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 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	5,331	# of structures	446	Critical facilities	1
Flood risk type:	Riverine? Yes	Coastal? No	Local? Yes	Playa? No	Other? No
Farm/Ranch land impacted (acres)	4	Roadway(s) impacted (miles)	14		
Number of low water crossings	0	Historical road closures	0		

100-Year Flood Risk Reduction

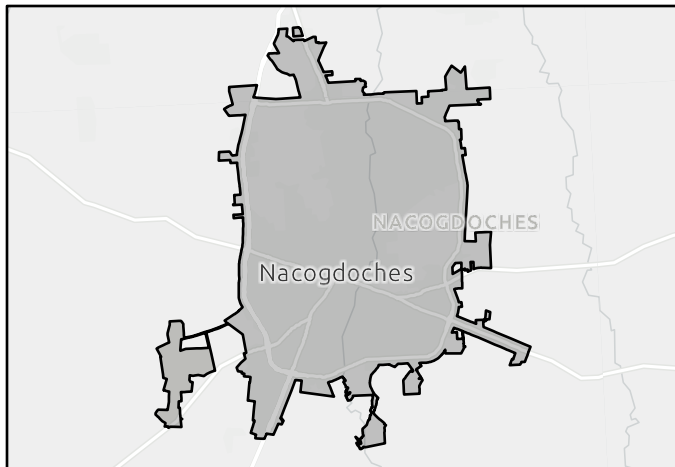
Population removed from 100-yr	-	# of structures removed from 100-yr	-
Critical facilities removed from 100-yr	-	Farm/Ranch land removed from 100-yr (acres)	-
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr	-
Other benefits	-	Reduction in # of road closures over 10 years	-

Impacts

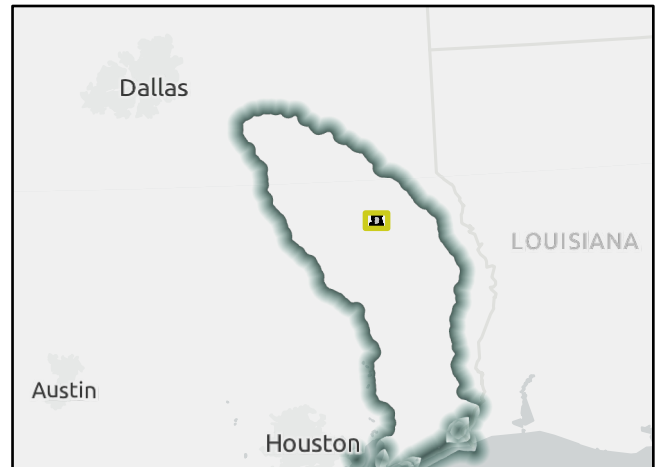
Negative impacts?	No	Negative impacts description	-
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



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 structures 84 Critical facilities 0

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

Farm/Ranch land impacted (acres) 62 Roadway(s) impacted (miles) 17

Number of low water crossings 8 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 -

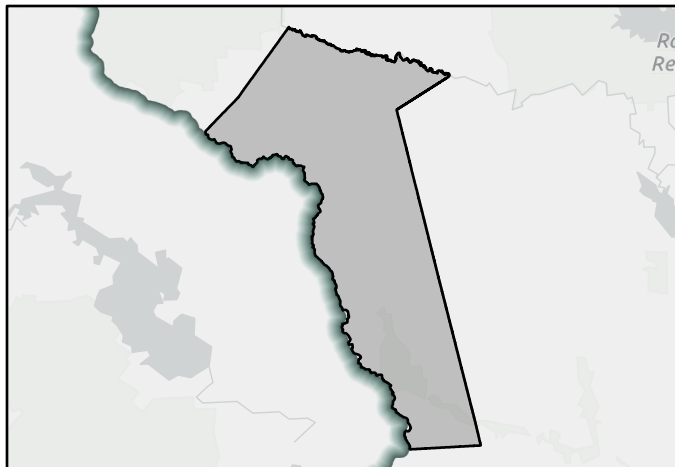
Impacts

Negative impacts? 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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title San Augustine County Public Education on Mitigation Techniques

ID# 052000022 Sponsor San Augustine (County)

RFPG recommend? Yes Reason for Recommendation Complies with RFPG Goals

REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type Education and Outreach County 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 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 146 # of structures 64 Critical facilities 0
 Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No
 Farm/Ranch land impacted (acres) 42 Roadway(s) impacted (miles) 13
 Number of low water crossings 2 Historical road closures 2

100-Year Flood Risk Reduction

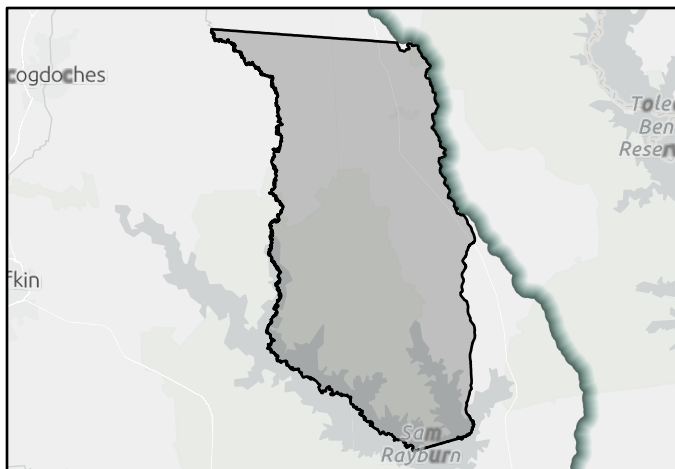
Population removed from 100-yr - # of structures removed from 100-yr -
 Critical facilities removed from 100-yr - Farm/Ranch land removed from 100-yr (acres) -
 Road removed from 100-yr (miles) - Low water crossings removed from 100-yr -
 Other benefits - Reduction in # of road closures over 10 years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

Impacts

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

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type County

Strategy description

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 # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

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

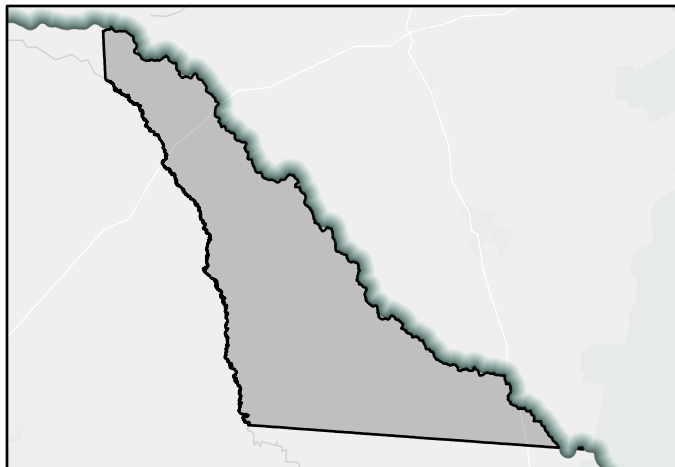
Impacts

Negative impacts? Negative impacts description

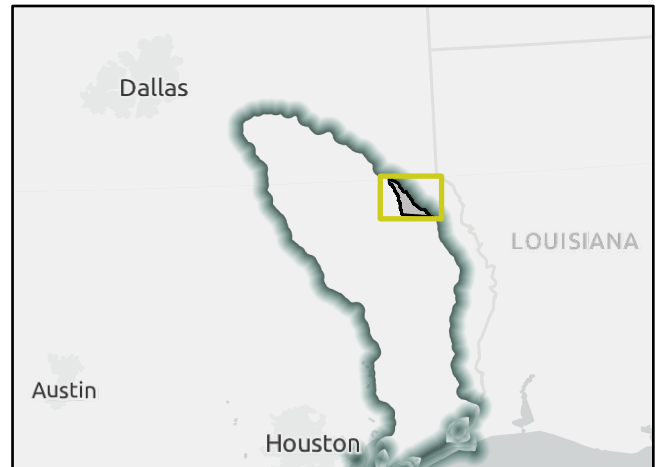
Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title City of Groveton Public Education on Mitigation Actions

ID# 052000024 Sponsor Groveton (Municipality)

RFPG recommend? Yes Reason for Recommendation Complies with RFPG Goals

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 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 2 # of structures 3 Critical facilities 0
 Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No
 Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (miles) 0
 Number of low water crossings 0 Historical road closures 0

100-Year Flood Risk Reduction

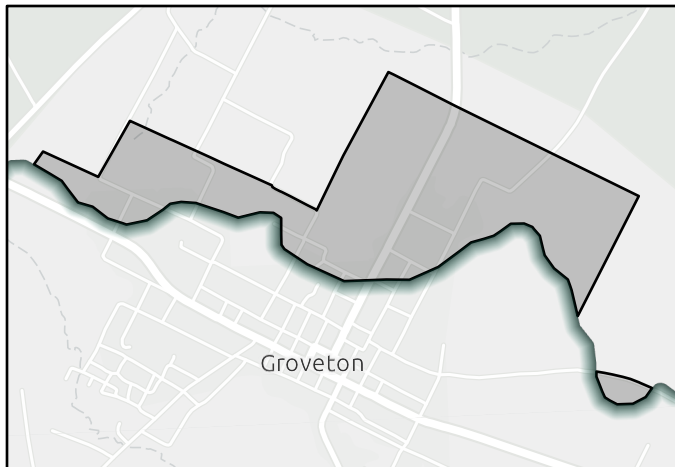
Population removed from 100-yr - # of structures removed from 100-yr -
 Critical facilities removed from 100-yr - Farm/Ranch land removed from 100-yr (acres) -
 Road removed from 100-yr (miles) - Low water crossings removed from 100-yr -
 Other benefits - Reduction in # of road closures over 10 years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

Impacts

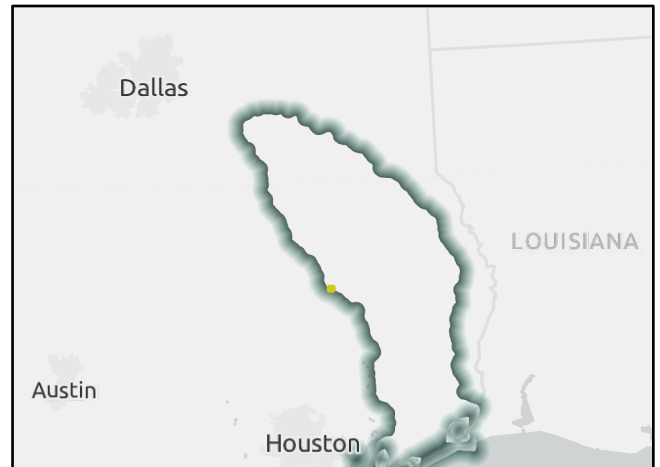
Negative impacts? No Negative impacts description -
 Water supply contributions? No Water supply contribution description -

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type County

Strategy description

- 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 # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

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

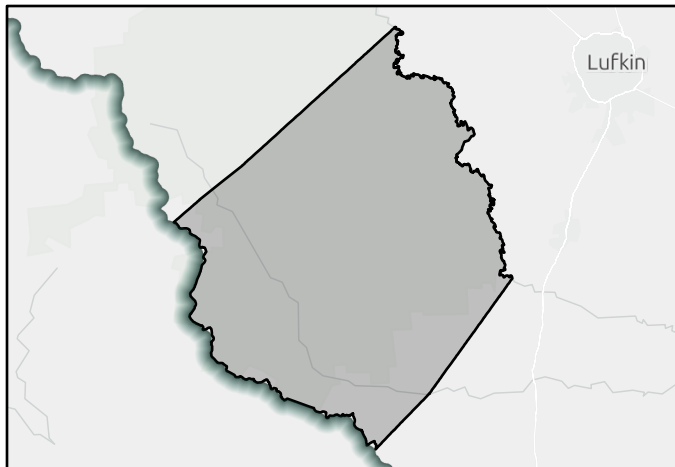
Impacts

Negative impacts? Negative impacts description

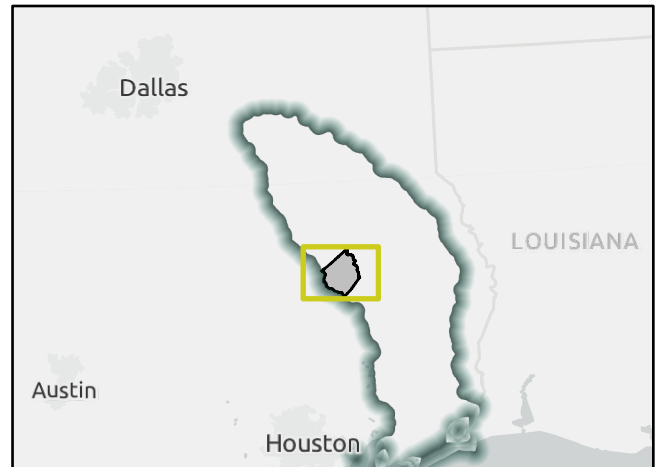
Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title Anderson County Code Red System

ID# 052000026 Sponsor Anderson (County)

RFPG recommend? Yes Reason for Recommendation Complies with RFPG Goals

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 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	73	# of structures	69	Critical facilities	0
Flood risk type:	Riverine? <input checked="" type="checkbox"/> Yes	Coastal? <input type="checkbox"/> No	Local? <input checked="" type="checkbox"/> Yes	Playa? <input type="checkbox"/> No	Other? <input type="checkbox"/> No
Farm/Ranch land impacted (acres)	348	Roadway(s) impacted (miles)	22		
Number of low water crossings	2	Historical road closures	2		

100-Year Flood Risk Reduction

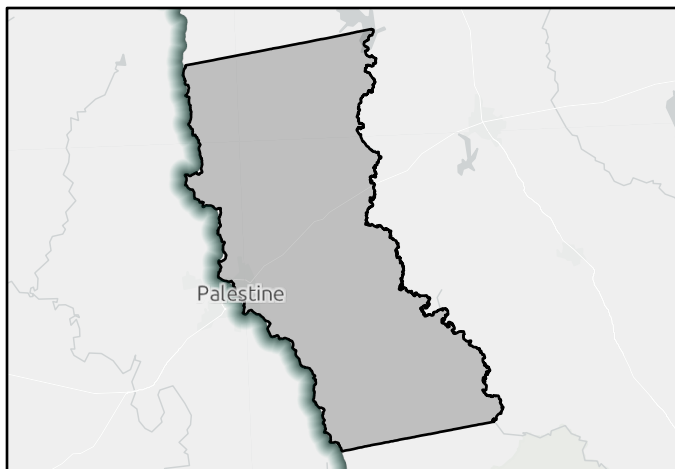
Population removed from 100-yr	-	# of structures removed from 100-yr	-
Critical facilities removed from 100-yr	-	Farm/Ranch land removed from 100-yr (acres)	-
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr	-
Other benefits	-	Reduction in # of road closures over 10 years	-

Impacts

Negative impacts?	<input type="checkbox"/> No	Negative impacts description	-
Water supply contributions?	<input type="checkbox"/> No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title Angelina County Siren Warning System Installation

ID# 052000027 Sponsor Angelina (County)

RFPG recommend? Yes Reason for Recommendation Complies with RFPG Goals

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 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	8,420	# of structures	1,201	Critical facilities	11
Flood risk type:	Riverine? <input checked="" type="checkbox"/> Yes	Coastal? <input type="checkbox"/> No	Local? <input checked="" type="checkbox"/> Yes	Playa? <input type="checkbox"/> No	Other? <input type="checkbox"/> Yes
Farm/Ranch land impacted (acres)	165	Roadway(s) impacted (miles)	66		
Number of low water crossings	19	Historical road closures	19		

100-Year Flood Risk Reduction

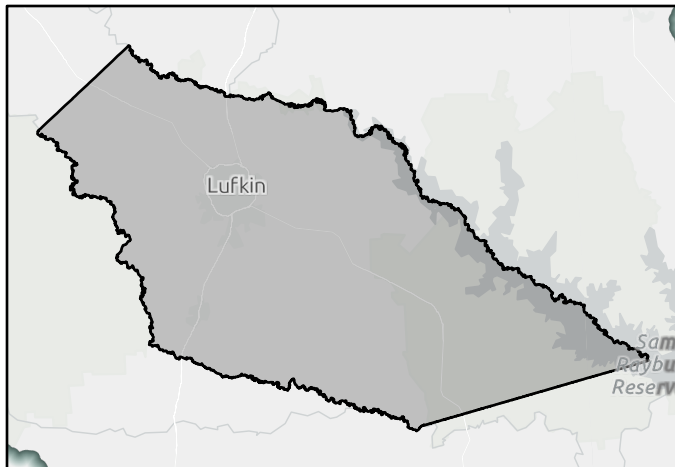
Population removed from 100-yr	-	# of structures removed from 100-yr	-
Critical facilities removed from 100-yr	-	Farm/Ranch land removed from 100-yr (acres)	-
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr	-
Other benefits	-	Reduction in # of road closures over 10 years	-

Impacts

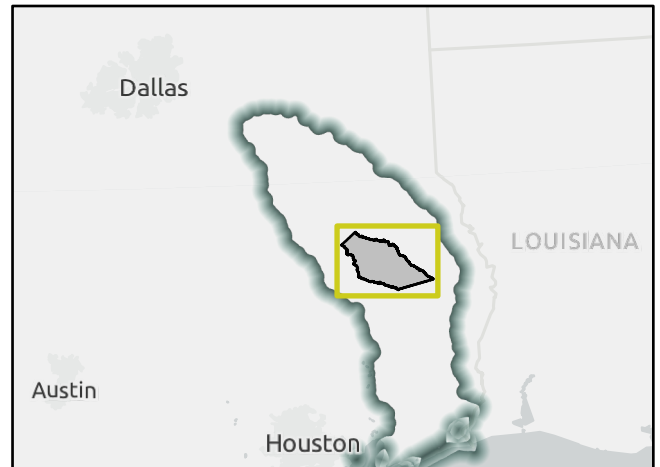
Negative impacts?	<input type="checkbox"/> No	Negative impacts description	-
Water supply contributions?	<input type="checkbox"/> No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type County

Strategy description

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 # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

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

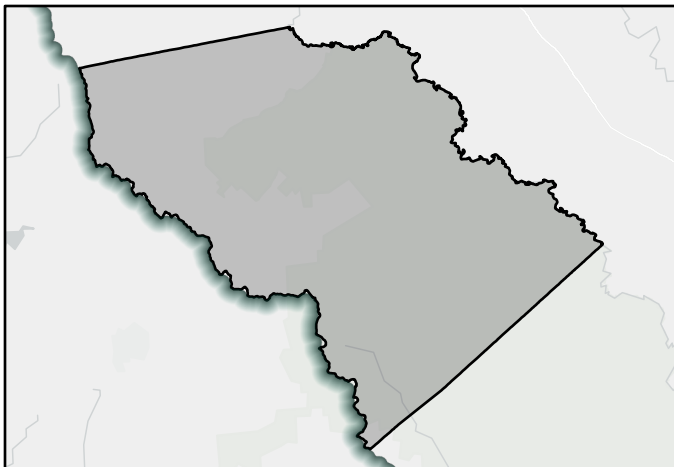
Impacts

Negative impacts? Negative impacts description

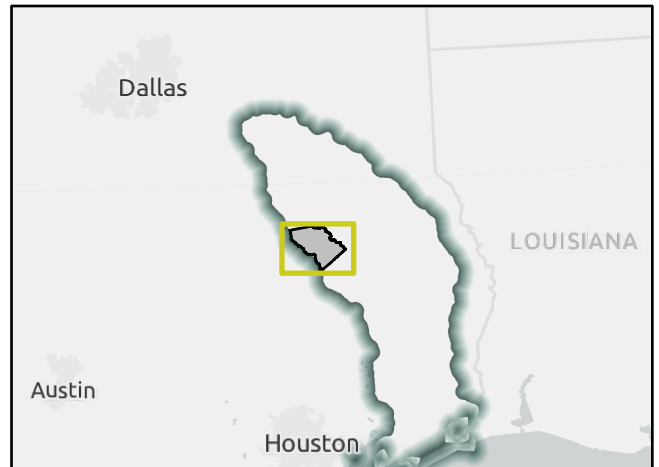
Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



REGIONAL FLOOD PLANNING GROUP

Title

ID# Sponsor

RFPG recommend? Yes Reason for Recommendation

Strategy Details

Strategy type County

Strategy description

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

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

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

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

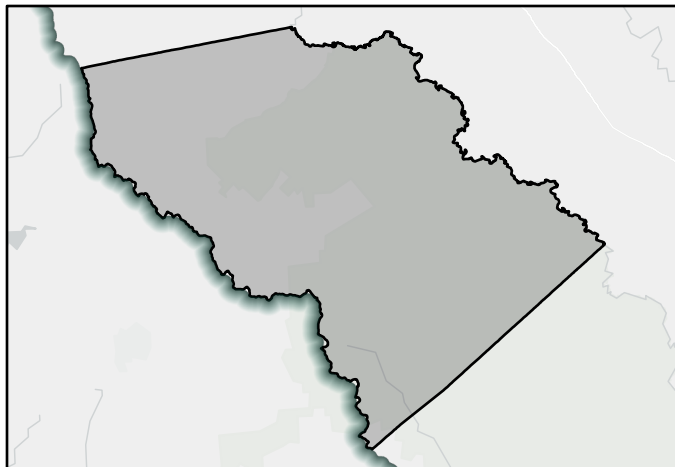
Impacts

Negative impacts? No Negative impacts description

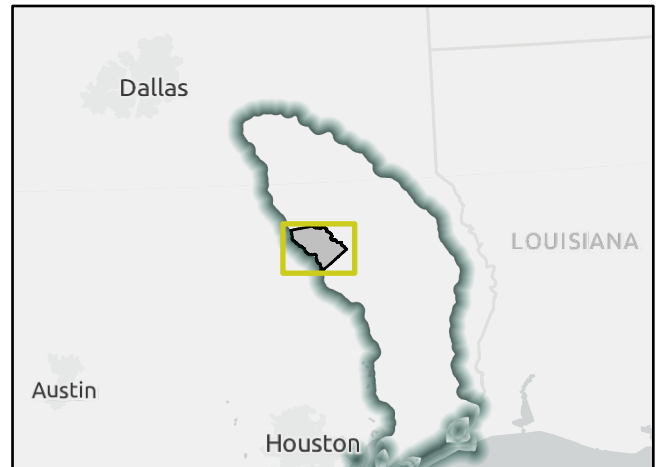
Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title

ID# Sponsor

RFPG recommend? Yes Reason for Recommendation

REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type County

Strategy description

Goal(s)

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

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

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

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

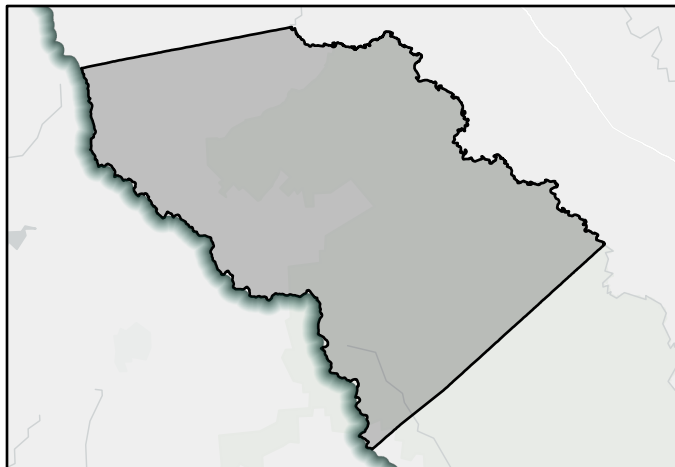
Impacts

Negative impacts? Negative impacts description

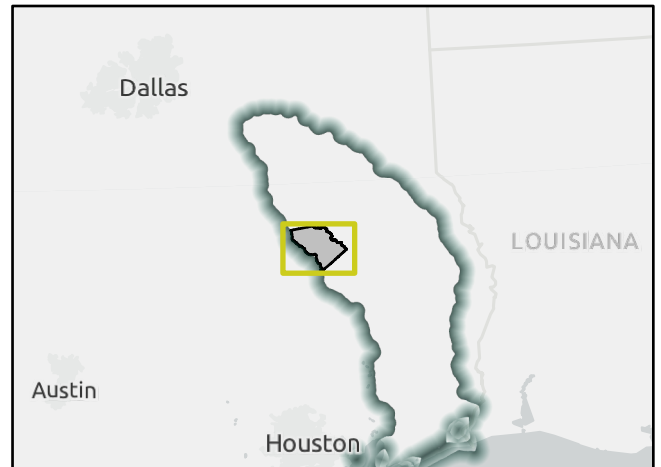
Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title City of Brownsboro Code Red System Implementation

ID# 052000031 Sponsor Brownsboro (Municipality)

RFPG recommend? Yes Reason for Recommendation Complies with RFPG Goals

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

100-Year Flood Risk Reduction

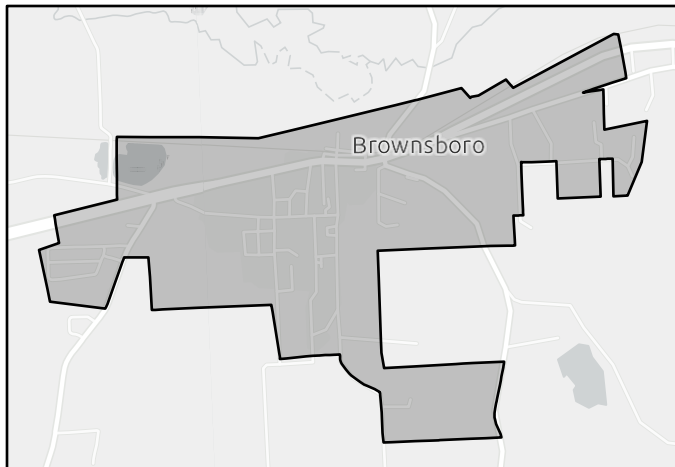
Population removed from 100-yr - # of structures removed from 100-yr -
 Critical facilities removed from 100-yr - Farm/Ranch land removed from 100-yr (acres) -
 Road removed from 100-yr (miles) - Low water crossings removed from 100-yr -
 Other benefits - Reduction in # of road closures over 10 years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

Impacts

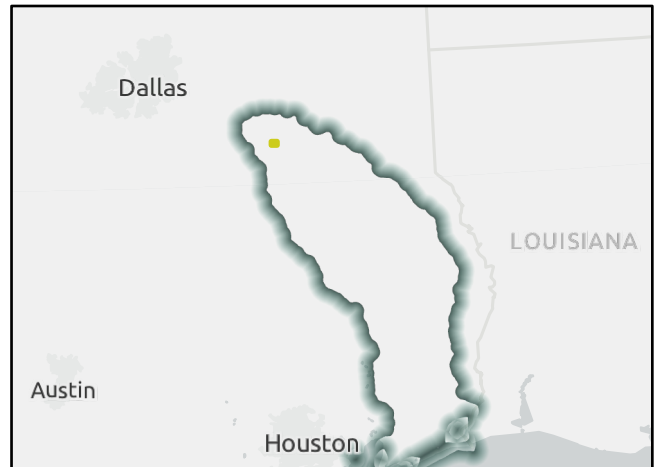
Negative impacts? No Negative impacts description -
 Water supply contributions? No Water supply contribution description -

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title City of Chandler Warning Siren Maintenance

ID# 052000032 Sponsor Chandler (Municipality)

RFPG recommend? Yes Reason for Recommendation Complies with RFPG Goals

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 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	# of structures	29	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? Yes	Playa? No	Other? No
Farm/Ranch land impacted (acres)	7	Roadway(s) impacted (miles)	1		
Number of low water crossings	0	Historical road closures	0		

100-Year Flood Risk Reduction

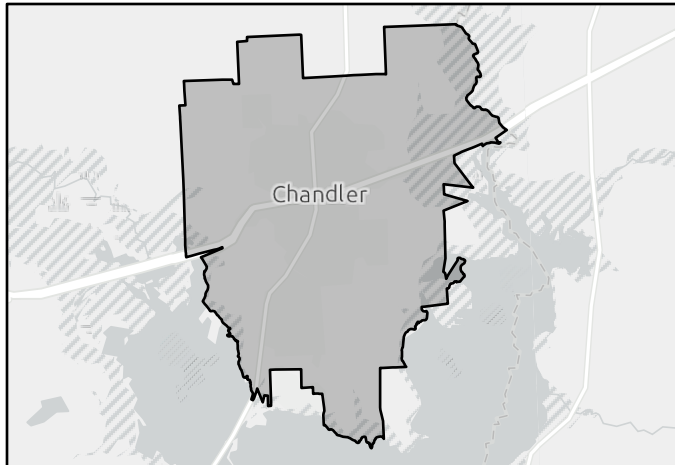
Population removed from 100-yr	-	# of structures removed from 100-yr	-
Critical facilities removed from 100-yr	-	Farm/Ranch land removed from 100-yr (acres)	-
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr	-
Other benefits	-	Reduction in # of road closures over 10 years	-

Impacts

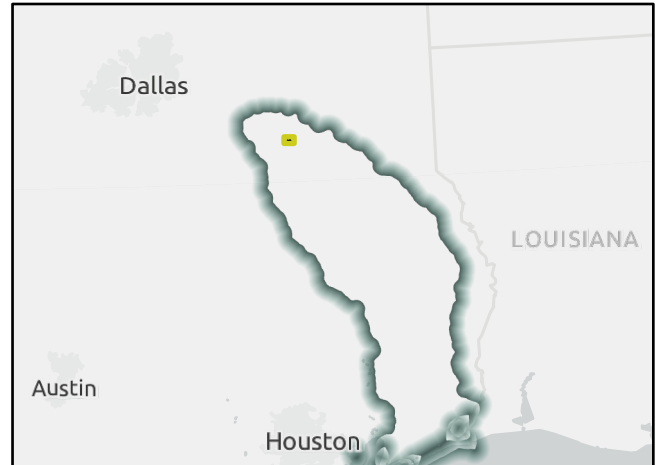
Negative impacts?	No	Negative impacts description	-
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title City of Murchison Warning Siren System Installation

ID# 052000033 Sponsor Murchison (Municipality)

RFPG recommend? Yes Reason for 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 facilities 0
 Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No
 Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (miles) 0
 Number of low water crossings 0 Historical road closures 0

100-Year Flood Risk Reduction

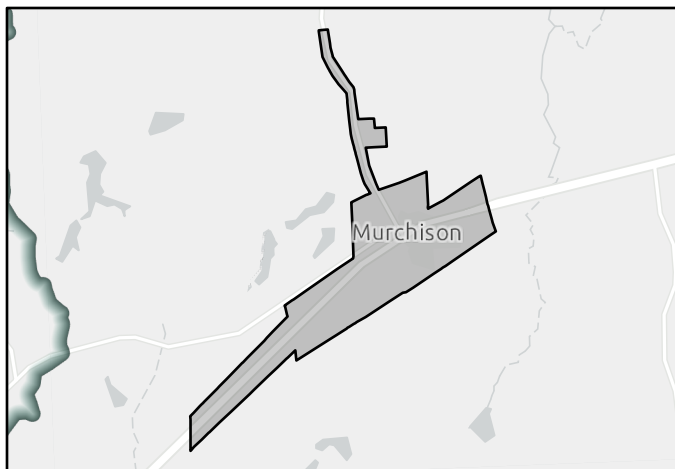
Population removed from 100-yr - # of structures removed from 100-yr -
 Critical facilities removed from 100-yr - Farm/Ranch land removed from 100-yr (acres) -
 Road removed from 100-yr (miles) - Low water crossings removed from 100-yr -
 Other benefits - Reduction in # of road closures over 10 years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

Impacts

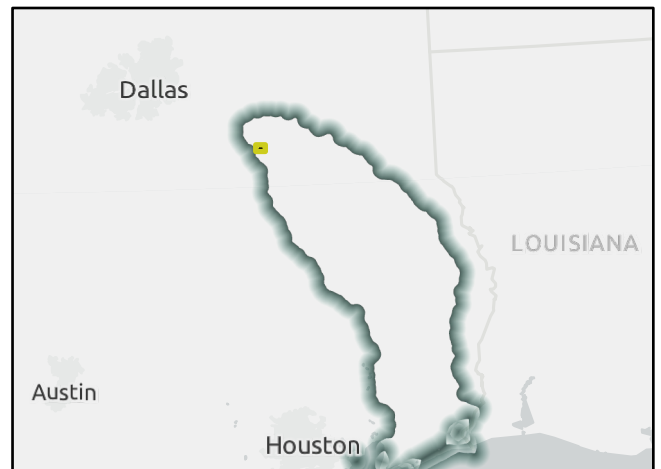
Negative impacts? No Negative impacts description -
 Water supply contributions? No Water supply contribution description -

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title JCDD6 Increase Flood Predictive Capability for Streams and Creeks

ID# 052000034 Sponsor Jefferson County Drainage District 6

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? Yes Coastal? Yes Local? No Playa? No Other? Yes

Farm/Ranch land impacted (acres) 20,945 Roadway(s) impacted (miles) 215

Number of low water crossings 16 Historical road closures 16

100-Year Flood Risk Reduction

Population removed from 100-yr 286 # of structures removed from 100-yr 101

Critical facilities 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 -

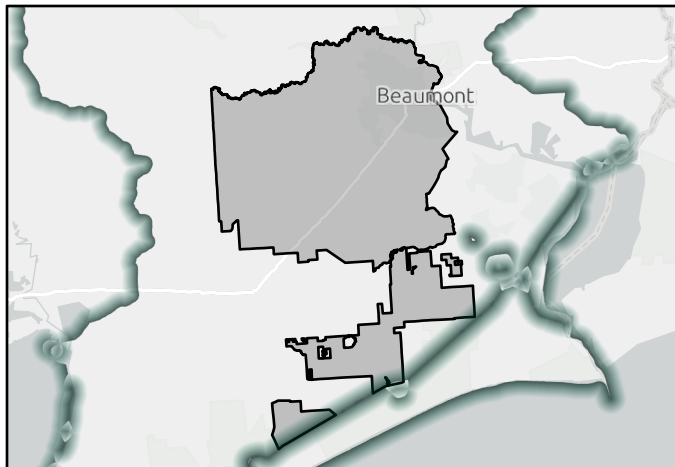
Impacts

Negative impacts? No Negative impacts description -

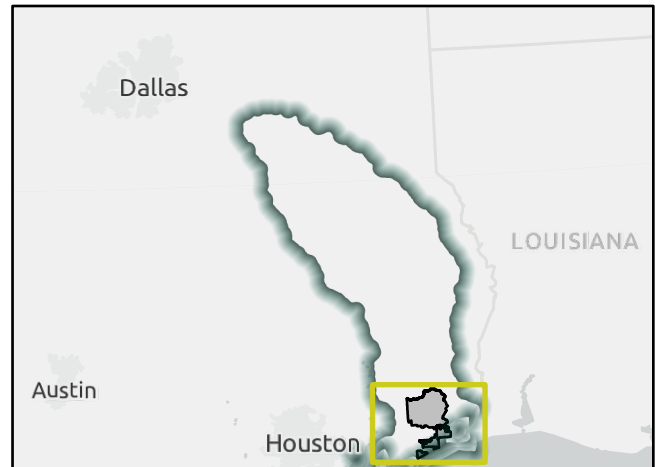
Water supply contributions? No Water supply contribution description -

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title JCDD7 Update Data Operation System-Control Center

ID# 052000035 Sponsor Jefferson County Drainage District 7

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

Goal(s)
 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 structures 4,705 Critical facilities 82
 Flood risk type: Riverine? Yes Coastal? Yes Local? No Playa? No Other? Yes
 Farm/Ranch land impacted (acres) 876 Roadway(s) impacted (miles) 95
 Number of low water crossings 3 Historical road closures 3

100-Year Flood Risk Reduction

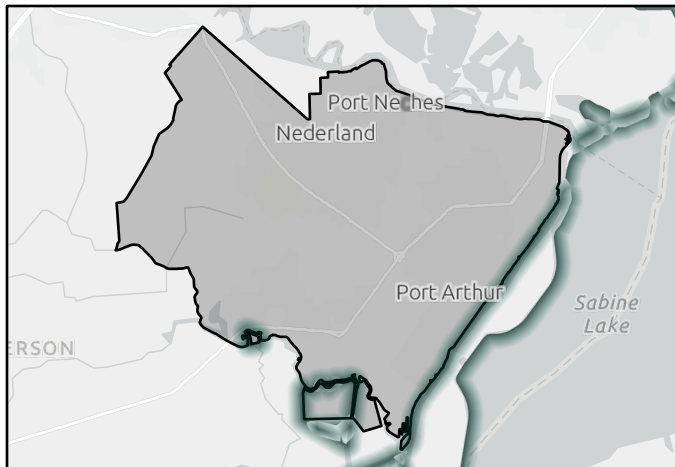
Population removed from 100-yr - # of structures removed from 100-yr -
 Critical facilities removed from 100-yr - Farm/Ranch land removed from 100-yr (acres) -
 Road removed from 100-yr (miles) - Low water crossings removed from 100-yr -
 Other benefits - Reduction in # of road closures over 10 years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

Impacts

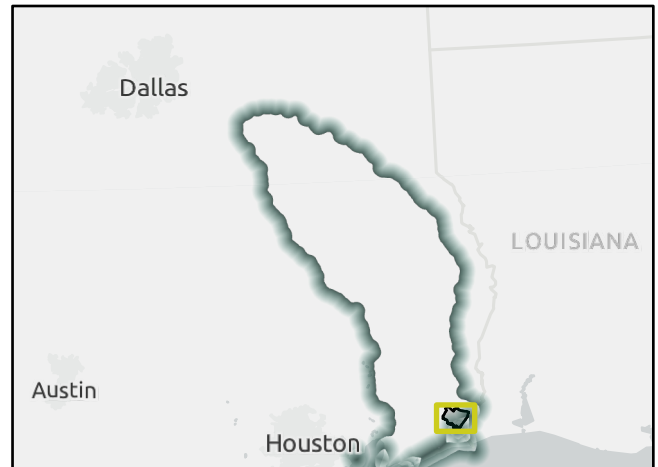
Negative impacts? No Negative impacts description -
 Water supply contributions? No Water supply contribution description -

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5

NECHES

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type County

Strategy description

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 # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

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

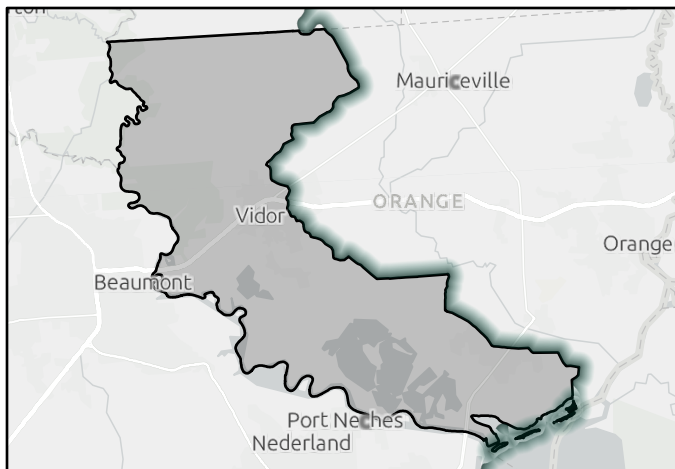
Impacts

Negative impacts? Negative impacts description

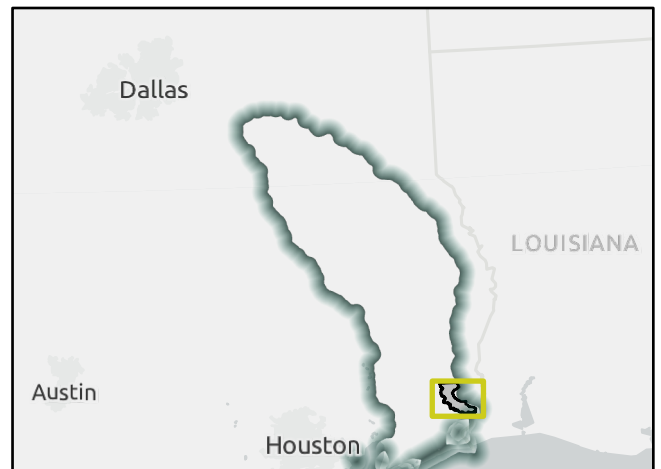
Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5

NECHES

Title OCDD Installing Additional Stream Gages

ID# 052000037 Sponsor Orange County Drainage District

RFPG recommend? Yes Reason for Recommendation Complies with RFPG Goals

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(s)
 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 11,929 # of structures 5,007 Critical facilities 36
 Flood risk type: Riverine? Yes Coastal? Yes Local? No Playa? No Other? Yes
 Farm/Ranch land impacted (acres) 346 Roadway(s) impacted (miles) 136
 Number of low water crossings 20 Historical road closures 20

100-Year Flood Risk Reduction

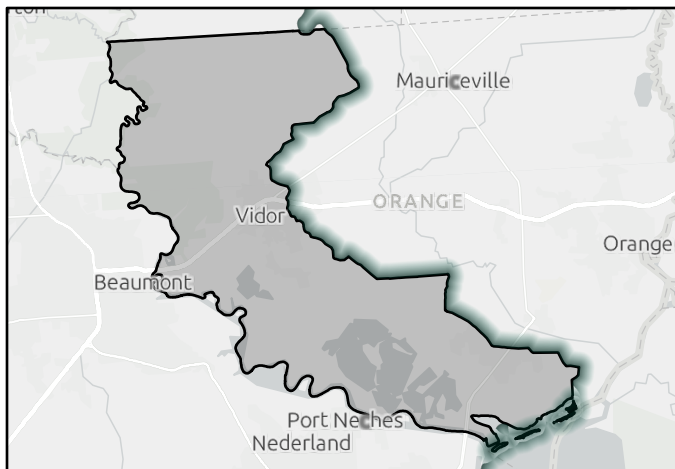
Population removed from 100-yr - # of structures removed from 100-yr -
 Critical facilities removed from 100-yr - Farm/Ranch land removed from 100-yr (acres) -
 Road removed from 100-yr (miles) - Low water crossings removed from 100-yr -
 Other benefits - Reduction in # of road closures over 10 years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

Impacts

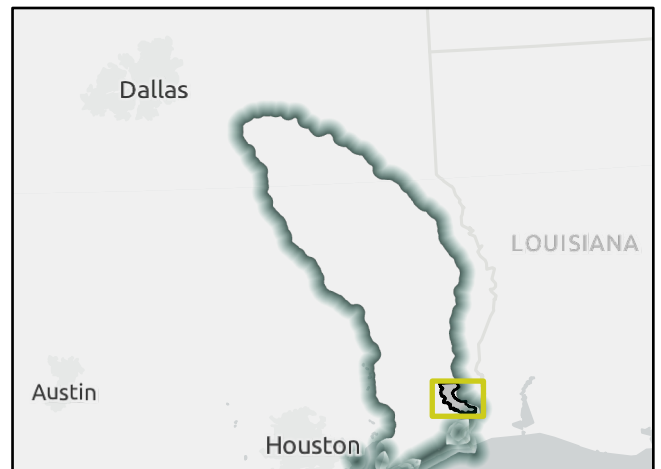
Negative impacts? No Negative impacts description -
 Water supply contributions? No Water supply contribution description -

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title Polk County Improved Hazard Communication

ID# 052000038 Sponsor Polk (County)

RFPG recommend? Yes Reason for Recommendation Complies with RFPG Goals

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 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 structures	84	Critical facilities	0
Flood risk type:	Riverine? <input checked="" type="checkbox"/> Yes	Coastal? <input type="checkbox"/> No	Local? <input type="checkbox"/> No	Playa? <input type="checkbox"/> No	Other? <input type="checkbox"/> Yes
Farm/Ranch land impacted (acres)	62	Roadway(s) impacted (miles)	17		
Number of low water crossings	8	Historical road closures	8		

100-Year Flood Risk Reduction

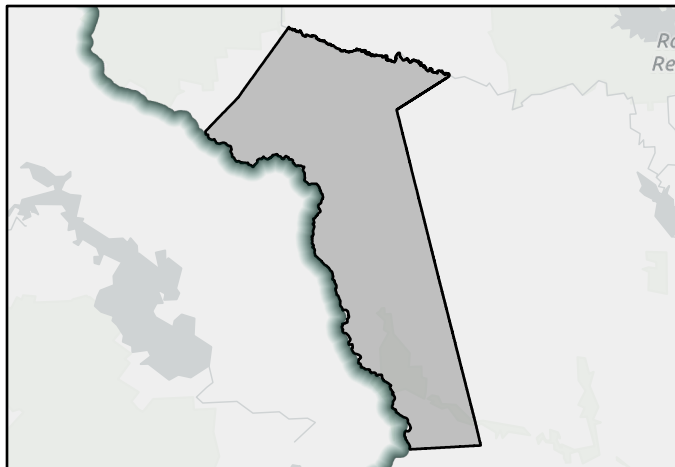
Population removed from 100-yr	-	# of structures removed from 100-yr	-
Critical facilities removed from 100-yr	-	Farm/Ranch land removed from 100-yr (acres)	-
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr	-
Other benefits	-	Reduction in # of road closures over 10 years	-

Impacts

Negative impacts?	<input type="checkbox"/> No	Negative impacts description	-
Water supply contributions?	<input type="checkbox"/> No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type County

Strategy description

- 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 # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

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

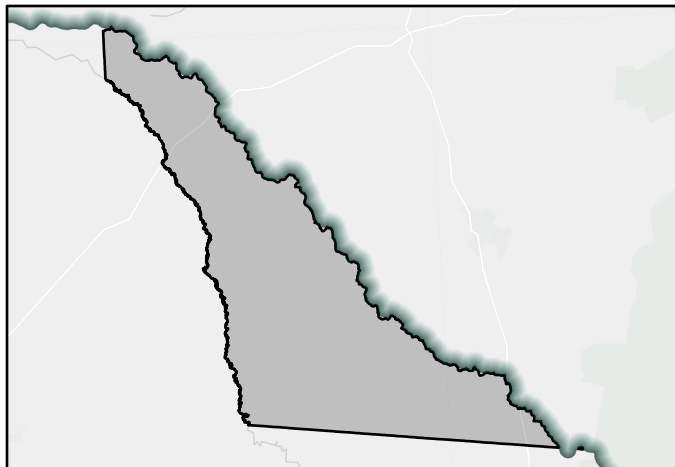
Impacts

Negative impacts? Negative impacts description

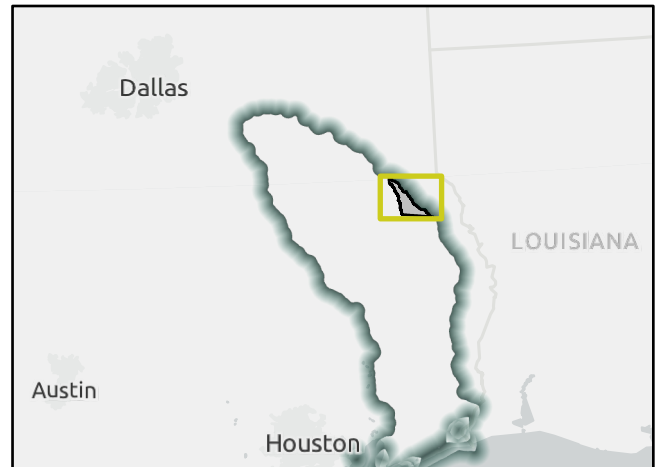
Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type County

Strategy description

- 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 # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

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

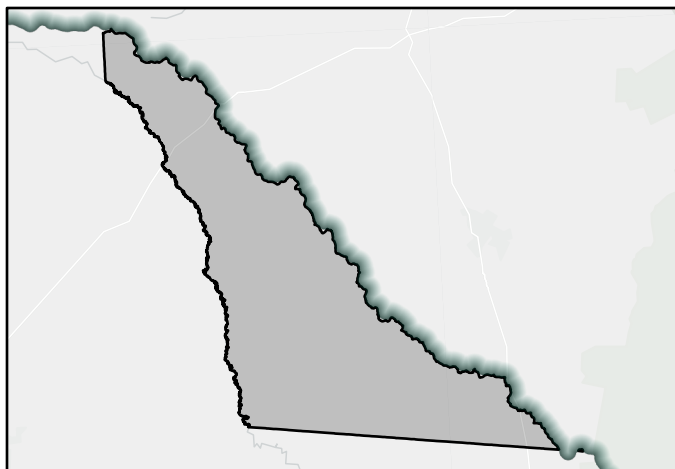
Impacts

Negative impacts? Negative impacts description

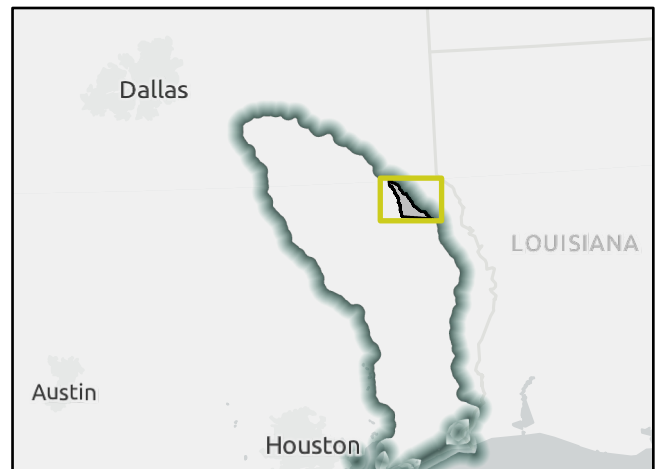
Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title City of Groveton Warning System Upgrades

ID# 052000041 Sponsor Groveton (Municipality)

RFPG recommend? Yes Reason for Recommendation Complies with RFPG Goals

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 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 2 # of structures 3 Critical facilities 0

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

Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (miles) 0

Number of low water crossings 0 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 -

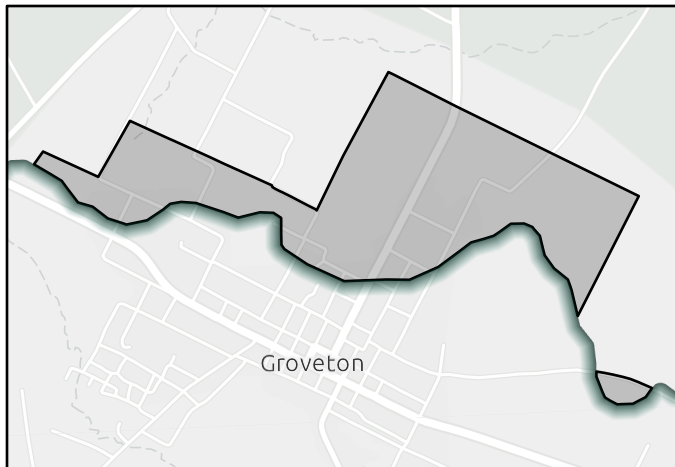
Impacts

Negative impacts? No Negative impacts description -

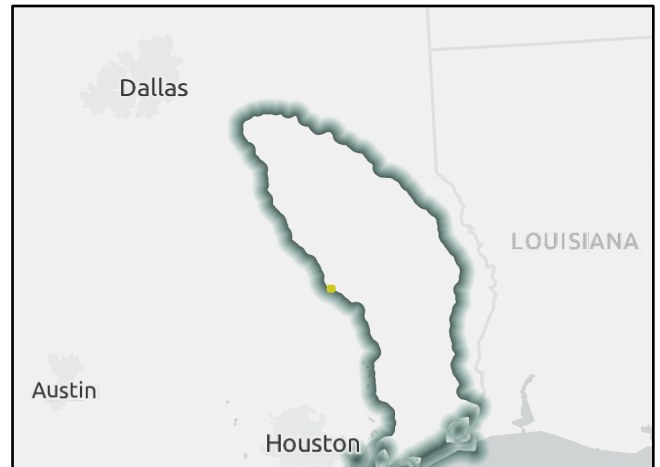
Water supply contributions? No Water supply contribution description -

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type County

Strategy description

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 # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

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

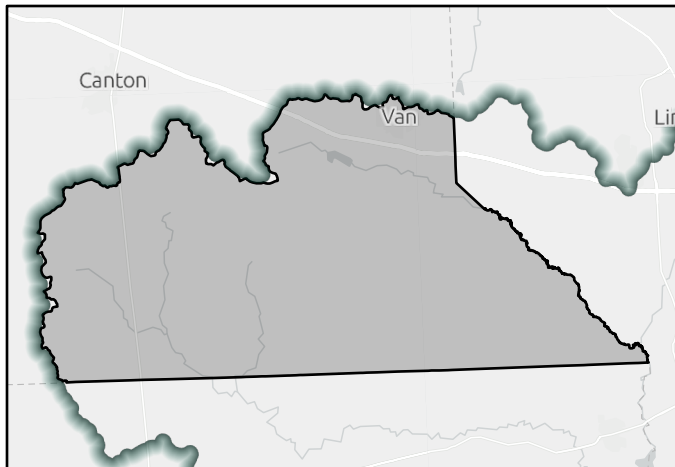
Impacts

Negative impacts? Negative impacts description

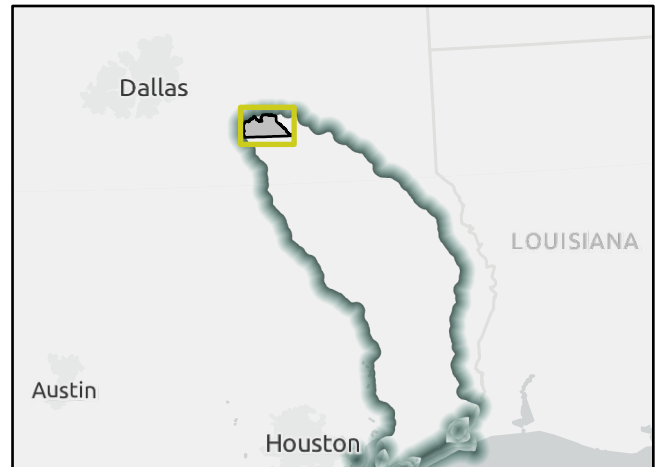
Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title Angelina County Property Acquisition

ID# 052000043 Sponsor Angelina (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 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	# of structures	1,201	Critical facilities	11
Flood risk type:	Riverine? <input checked="" type="checkbox"/> Yes	Coastal? <input type="checkbox"/> No	Local? <input checked="" type="checkbox"/> Yes	Playa? <input type="checkbox"/> No	Other? <input type="checkbox"/> Yes
Farm/Ranch land impacted (acres)	165	Roadway(s) impacted (miles)	66		
Number of low water crossings	19	Historical road closures	19		

100-Year Flood Risk Reduction

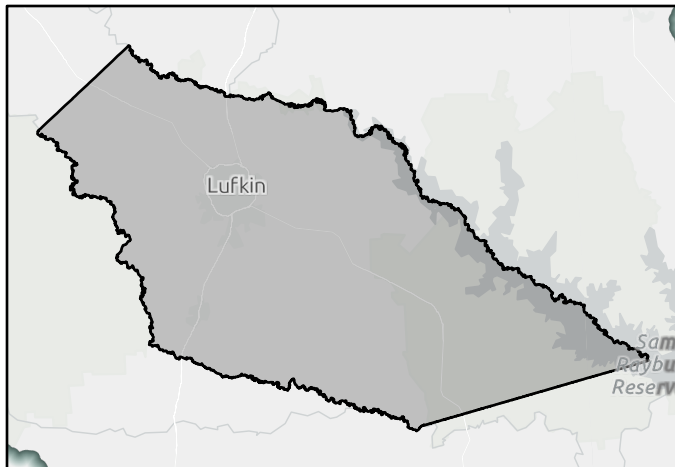
Population removed from 100-yr	-	# of structures removed from 100-yr	-
Critical facilities removed from 100-yr	-	Farm/Ranch land removed from 100-yr (acres)	-
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr	-
Other benefits	-	Reduction in # of road closures over 10 years	-

Impacts

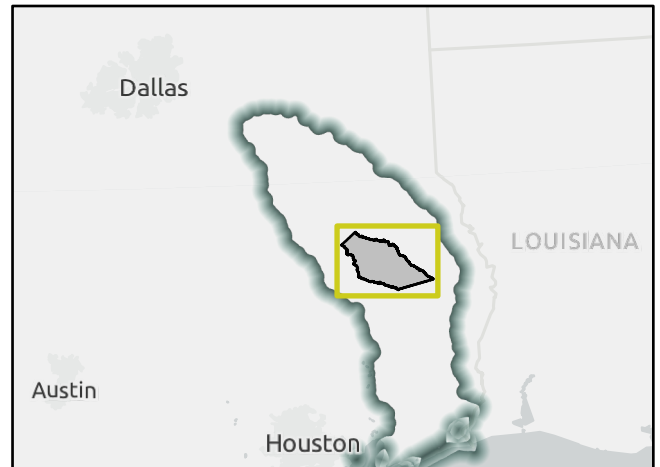
Negative impacts?	<input type="checkbox"/> No	Negative impacts description	-
Water supply contributions?	<input type="checkbox"/> No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title Angelina County Property Elevation

ID# 052000044 Sponsor Angelina (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 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 structures	1,201	Critical facilities	11
Flood risk type:	Riverine? <input checked="" type="checkbox"/> Yes	Coastal? <input type="checkbox"/> No	Local? <input checked="" type="checkbox"/> Yes	Playa? <input type="checkbox"/> No	Other? <input type="checkbox"/> Yes
Farm/Ranch land impacted (acres)	165	Roadway(s) impacted (miles)	66		
Number of low water crossings	19	Historical road closures	19		

100-Year Flood Risk Reduction

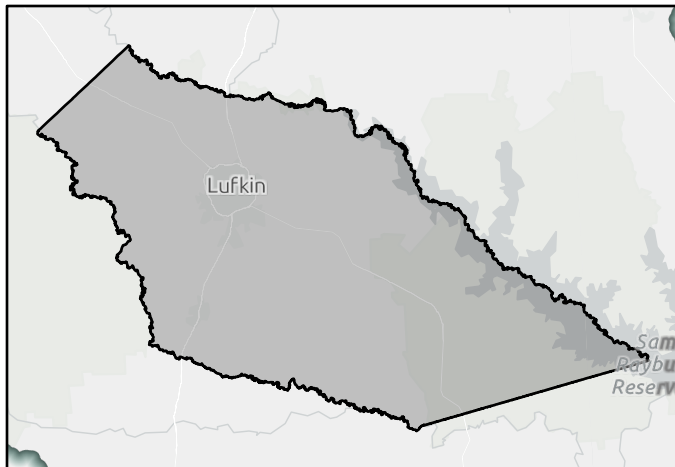
Population removed from 100-yr	-	# of structures removed from 100-yr	-
Critical facilities removed from 100-yr	-	Farm/Ranch land removed from 100-yr (acres)	-
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr	-
Other benefits	-	Reduction in # of road closures over 10 years	-

Impacts

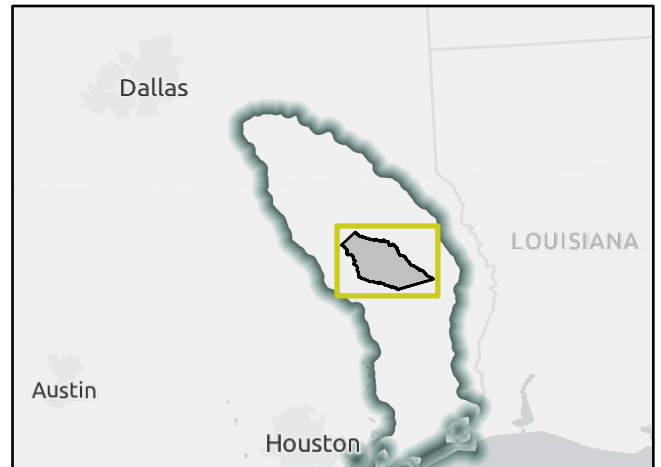
Negative impacts?	<input type="checkbox"/> No	Negative impacts description	-
Water supply contributions?	<input type="checkbox"/> No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type County

Strategy description

- 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	<input type="text" value="10,528"/>	# of structures	<input type="text" value="3,678"/>	Critical facilities	<input type="text" value="25"/>
Flood risk type:	Riverine? <input type="text" value="Yes"/>	Coastal? <input type="text" value="No"/>	Local? <input type="text" value="No"/>	Playa? <input type="text" value="No"/>	Other? <input type="text" value="Yes"/>
Farm/Ranch land impacted (acres)	<input type="text" value="743"/>	Roadway(s) impacted (miles)	<input type="text" value="136"/>		
Number of low water crossings	<input type="text" value="13"/>	Historical road closures	<input type="text" value="13"/>		

100-Year Flood Risk Reduction

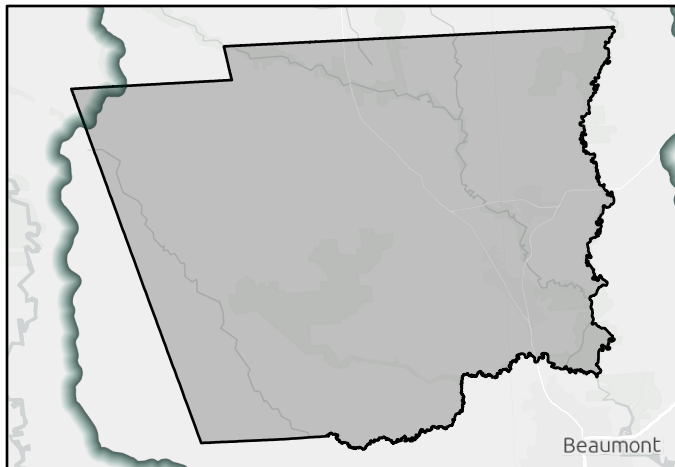
Population removed from 100-yr	<input type="text" value="-"/>	# of structures removed from 100-yr	<input type="text" value="-"/>
Critical facilities removed from 100-yr	<input type="text" value="-"/>	Farm/Ranch land removed from 100-yr (acres)	<input type="text" value="-"/>
Road removed from 100-yr (miles)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

Impacts

Negative impacts?	<input type="text" value="No"/>	Negative impacts description	<input type="text" value="-"/>
Water supply contributions?	<input type="text" value="No"/>	Water supply contribution description	<input type="text" value="-"/>

Estimated Cost

Strategy Cost	<input type="text" value="\$4,000,000"/>	Amount of available funding	<input type="text" value="-"/>	% Nature-Based	<input type="text" value="100"/>
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type County

Strategy description

- 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	<input type="text" value="10,528"/>	# of structures	<input type="text" value="3,678"/>	Critical facilities	<input type="text" value="25"/>
Flood risk type:	Riverine? <input type="text" value="Yes"/>	Coastal? <input type="text" value="No"/>	Local? <input type="text" value="No"/>	Playa? <input type="text" value="No"/>	Other? <input type="text" value="Yes"/>
Farm/Ranch land impacted (acres)	<input type="text" value="743"/>	Roadway(s) impacted (miles)	<input type="text" value="136"/>		
Number of low water crossings	<input type="text" value="13"/>	Historical road closures	<input type="text" value="13"/>		

100-Year Flood Risk Reduction

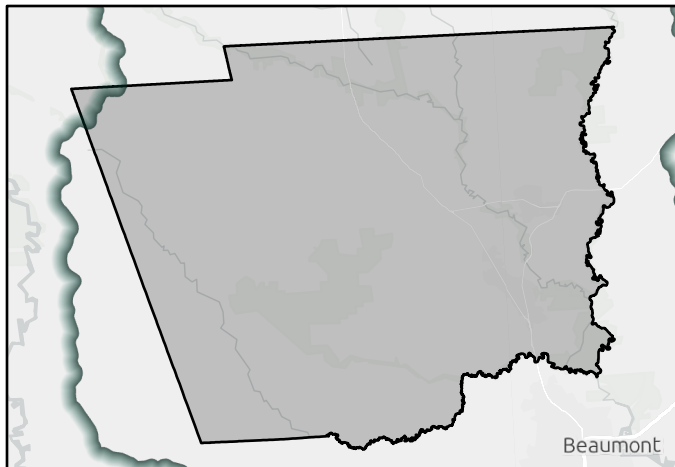
Population removed from 100-yr	<input type="text" value="-"/>	# of structures removed from 100-yr	<input type="text" value="-"/>
Critical facilities removed from 100-yr	<input type="text" value="-"/>	Farm/Ranch land removed from 100-yr (acres)	<input type="text" value="-"/>
Road removed from 100-yr (miles)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

Impacts

Negative impacts?	<input type="text" value="No"/>	Negative impacts description	<input type="text" value="-"/>
Water supply contributions?	<input type="text" value="No"/>	Water supply contribution description	<input type="text" value="-"/>

Estimated Cost

Strategy Cost	<input type="text" value="\$7,500,000"/>	Amount of available funding	<input type="text" value="-"/>	% Nature-Based	<input type="text" value="0"/>
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title City of Kountze Flood Buyout

ID# 052000047 Sponsor Kountze (Municipality)

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 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	# of structures	3	Critical facilities	0
Flood risk type:	Riverine? <input checked="" type="checkbox"/> Yes	Coastal? <input type="checkbox"/> No	Local? <input type="checkbox"/> No	Playa? <input type="checkbox"/> No	Other? <input type="checkbox"/> Yes
Farm/Ranch land impacted (acres)	0	Roadway(s) impacted (miles)	1		
Number of low water crossings	0	Historical road closures	0		

100-Year Flood Risk Reduction

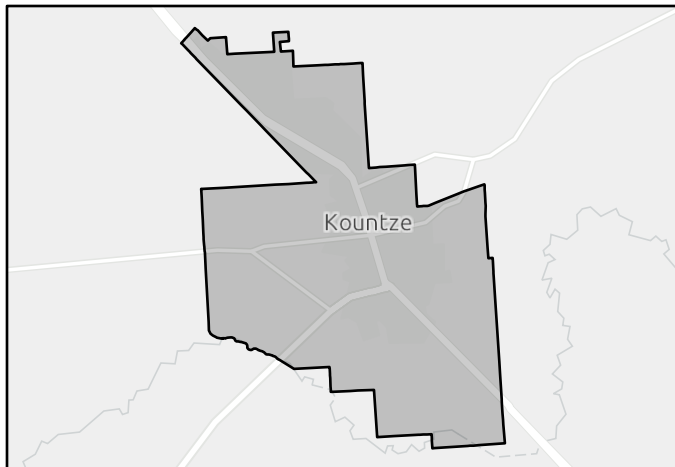
Population removed from 100-yr	-	# of structures removed from 100-yr	-
Critical facilities removed from 100-yr	-	Farm/Ranch land removed from 100-yr (acres)	-
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr	-
Other benefits	-	Reduction in # of road closures over 10 years	-

Impacts

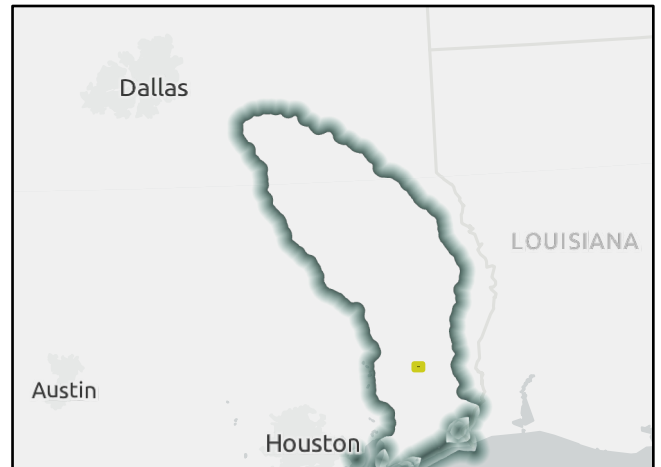
Negative impacts?	<input type="checkbox"/> No	Negative impacts description	-
Water supply contributions?	<input type="checkbox"/> No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title City of Lumberton Voluntary Flood Buyout

ID# 052000048 Sponsor Lumberton (Municipality)

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 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 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? Yes	Coastal? No	Local? No	Playa? No	Other? Yes
Farm/Ranch land impacted (acres)	23	Roadway(s) impacted (miles)	4		
Number of low water crossings	1	Historical road closures	1		

100-Year Flood Risk Reduction

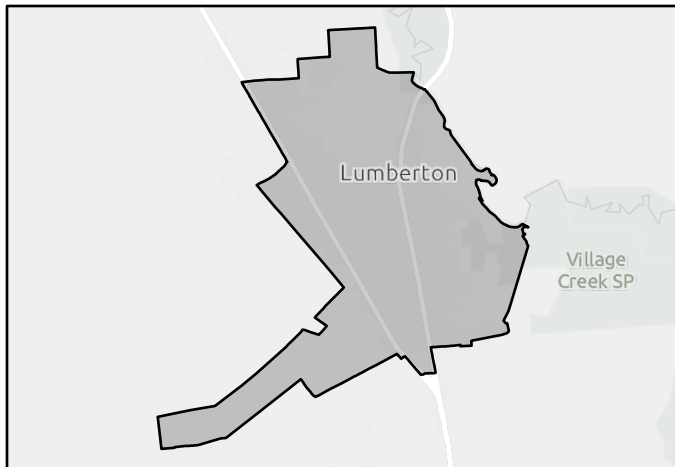
Population removed from 100-yr	-	# of structures removed from 100-yr	-
Critical facilities removed from 100-yr	-	Farm/Ranch land removed from 100-yr (acres)	-
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr	-
Other benefits	-	Reduction in # of road closures over 10 years	-

Impacts

Negative impacts?	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
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title City of Rose Hill Acres Voluntary Flood Buyout

ID# 052000049 Sponsor Rose Hill Acres (Municipality)

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 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? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	0	Roadway(s) impacted (miles)	2		
Number of low water crossings	0	Historical road closures	0		

100-Year Flood Risk Reduction

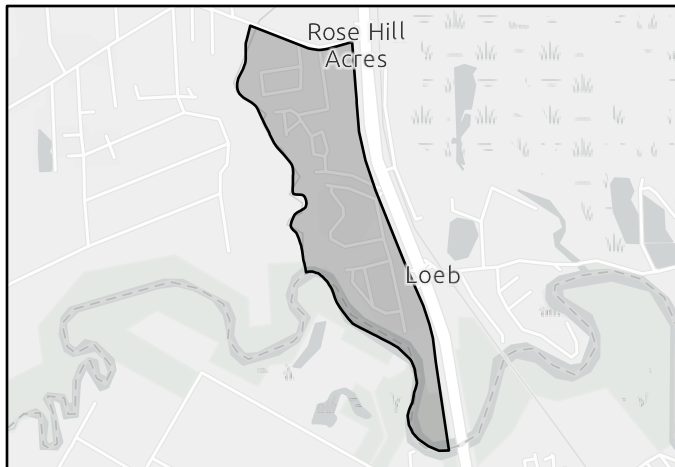
Population removed from 100-yr	-	# of structures removed from 100-yr	-
Critical facilities removed from 100-yr	-	Farm/Ranch land removed from 100-yr (acres)	-
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr	-
Other benefits	-	Reduction in # of road closures over 10 years	-

Impacts

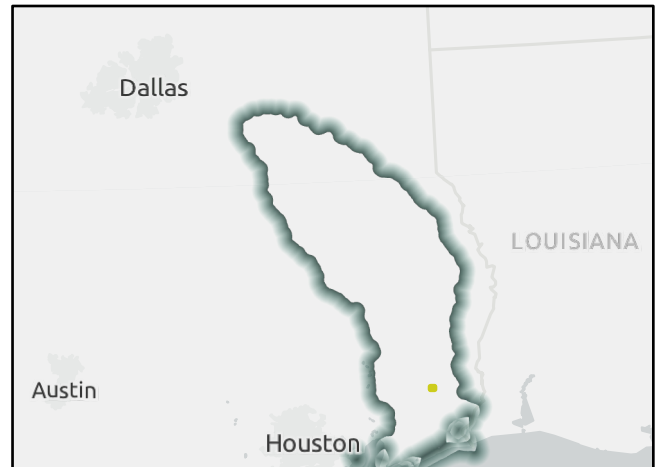
Negative impacts?	No	Negative impacts description	-
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5

NECHES

Title City of Rose Hill Acres Voluntary Residential Structure Elevation

ID# 052000050 Sponsor Rose Hill Acres (Municipality)

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 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? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	0	Roadway(s) impacted (miles)	2		
Number of low water crossings	0	Historical road closures	0		

100-Year Flood Risk Reduction

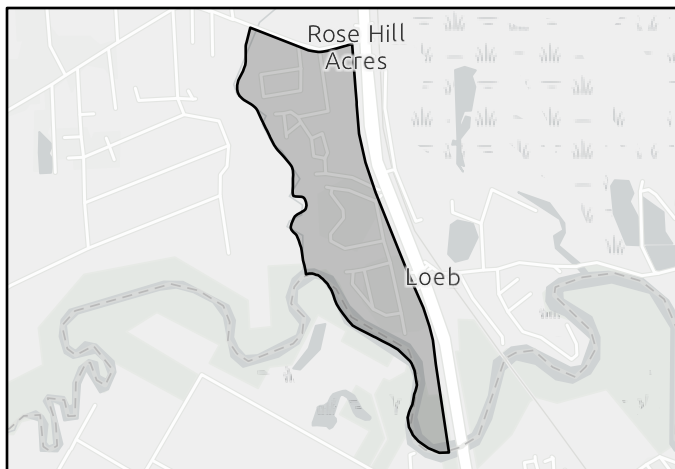
Population removed from 100-yr	-	# of structures removed from 100-yr	-
Critical facilities removed from 100-yr	-	Farm/Ranch land removed from 100-yr (acres)	-
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr	-
Other benefits	-	Reduction in # of road closures over 10 years	-

Impacts

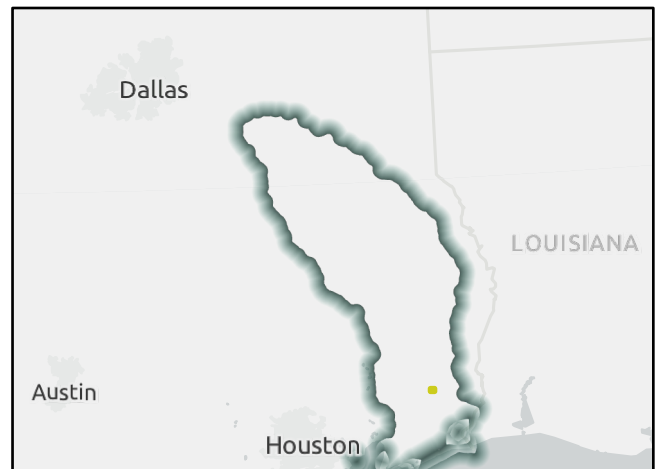
Negative impacts?	No	Negative impacts description	-
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title City of Silsbee Voluntary Flood Buyout

ID# 052000051 Sponsor Silsbee (Municipality)

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 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 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? <input checked="" type="checkbox"/> Yes	Coastal? <input type="checkbox"/> No	Local? <input type="checkbox"/> No	Playa? <input type="checkbox"/> No	Other? <input type="checkbox"/> Yes
Farm/Ranch land impacted (acres)	1	Roadway(s) impacted (miles)	2		
Number of low water crossings	3	Historical road closures	3		

100-Year Flood Risk Reduction

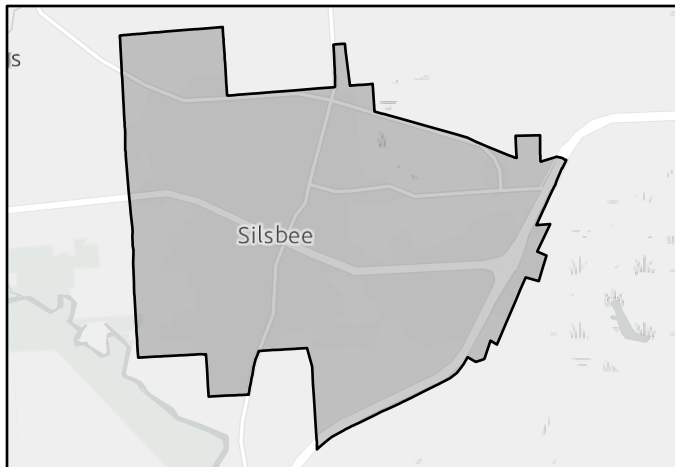
Population removed from 100-yr	-	# of structures removed from 100-yr	-
Critical facilities removed from 100-yr	-	Farm/Ranch land removed from 100-yr (acres)	-
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr	-
Other benefits	-	Reduction in # of road closures over 10 years	-

Impacts

Negative impacts?	<input type="checkbox"/> No	Negative impacts description	-
Water supply contributions?	<input type="checkbox"/> No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title City of Sour Lake Voluntary Flood Buyout

ID# 052000052 Sponsor Sour Lake (Municipality)

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 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? <input checked="" type="checkbox"/> Yes	Coastal? <input type="checkbox"/> No	Local? <input type="checkbox"/> No	Playa? <input type="checkbox"/> No	Other? <input type="checkbox"/> Yes
Farm/Ranch land impacted (acres)	7	Roadway(s) impacted (miles)	8		
Number of low water crossings	3	Historical road closures	3		

100-Year Flood Risk Reduction

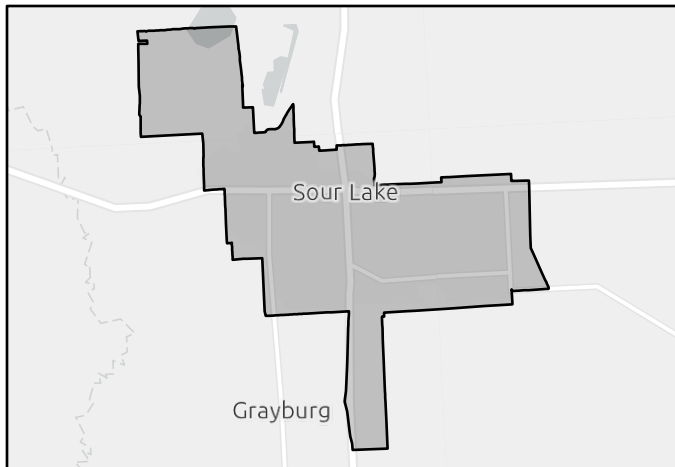
Population removed from 100-yr	-	# of structures removed from 100-yr	-
Critical facilities removed from 100-yr	-	Farm/Ranch land removed from 100-yr (acres)	-
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr	-
Other benefits	-	Reduction in # of road closures over 10 years	-

Impacts

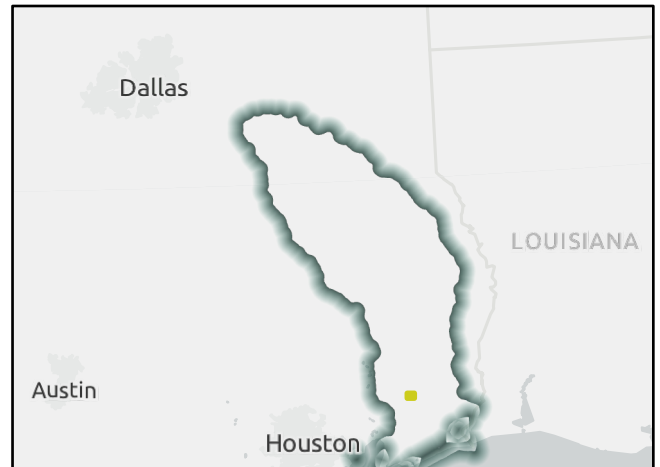
Negative impacts?	<input type="checkbox"/> No	Negative impacts description	-
Water supply contributions?	<input type="checkbox"/> No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5

NECHES

Title Jefferson County Property Elevation

ID# 052000053 Sponsor Jefferson (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 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 structures	12,869	Critical facilities	316
Flood risk type:	Riverine? <input checked="" type="checkbox"/> Yes	Coastal? <input type="checkbox"/> Yes	Local? <input type="checkbox"/> No	Playa? <input type="checkbox"/> No	Other? <input type="checkbox"/> Yes
Farm/Ranch land impacted (acres)	33,019	Roadway(s) impacted (miles)	474		
Number of low water crossings	22	Historical road closures	22		

100-Year Flood Risk Reduction

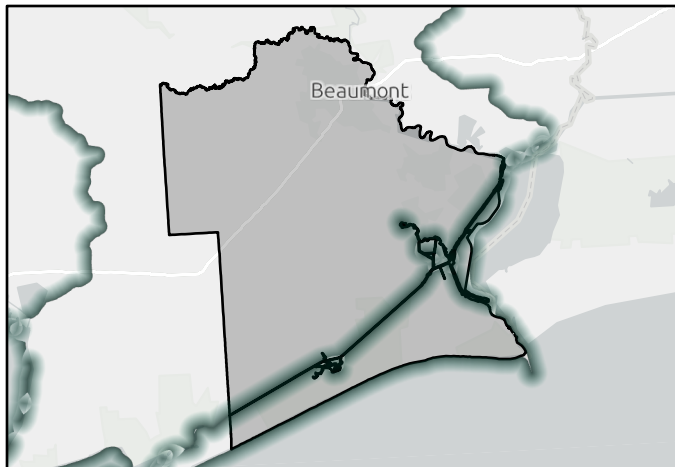
Population removed from 100-yr	286	# of structures removed from 100-yr	101
Critical facilities removed from 100-yr	4	Farm/Ranch land removed from 100-yr (acres)	45
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	-	Reduction in # of road closures over 10 years	-

Impacts

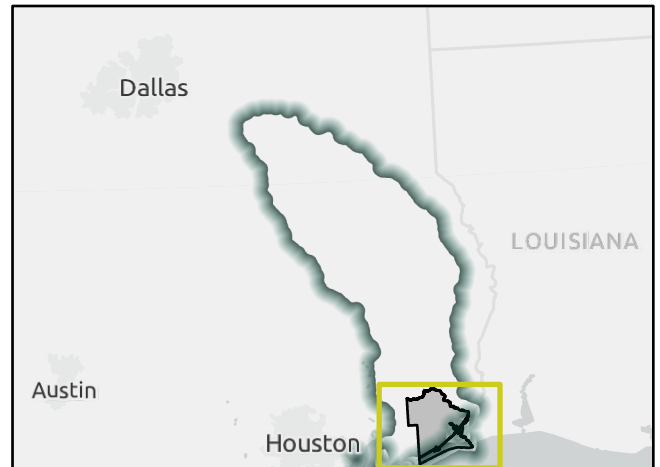
Negative impacts?	<input type="checkbox"/> No	Negative impacts description	-
Water supply contributions?	<input type="checkbox"/> No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5

NECHES

Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type County

Strategy description

- 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 # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

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

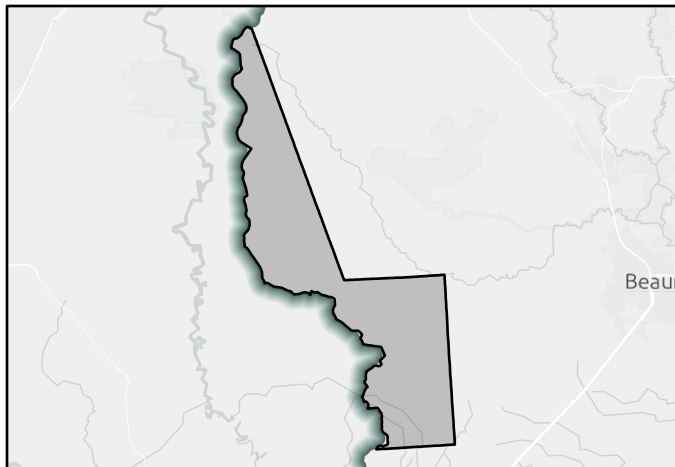
Impacts

Negative impacts? Negative impacts description

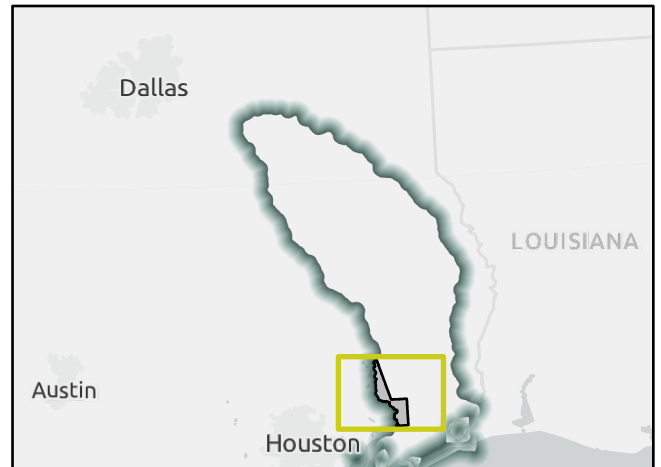
Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title City of Nacogdoches Study and Ranking of Repetitive Loss Structures

ID# 052000055 Sponsor Nacogdoches (Municipality)

RFPG recommend? Yes Reason for Recommendation Complies with RFPG Goals

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 facilities	1
Flood risk type:	Riverine? Yes	Coastal? No	Local? Yes	Playa? No	Other? No
Farm/Ranch land impacted (acres)	4	Roadway(s) impacted (miles)	14		
Number of low water crossings	0	Historical road closures	0		

100-Year Flood Risk Reduction

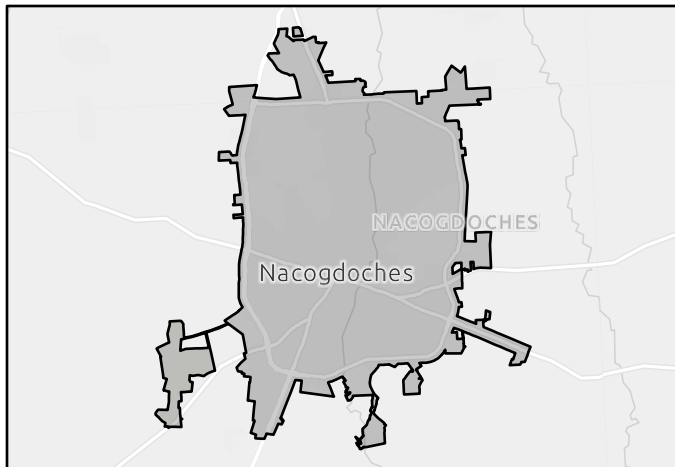
Population removed from 100-yr	-	# of structures removed from 100-yr	-
Critical facilities removed from 100-yr	-	Farm/Ranch land removed from 100-yr (acres)	-
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr	-
Other benefits	-	Reduction in # of road closures over 10 years	-

Impacts

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

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title San Augustine County Acquisition and Conversion of Flood Prone Properties

ID# 052000056 Sponsor San Augustine (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 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	# of structures	64	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? Yes	Playa? No	Other? No
Farm/Ranch land impacted (acres)	42	Roadway(s) impacted (miles)	13		
Number of low water crossings	2	Historical road closures	2		

100-Year Flood Risk Reduction

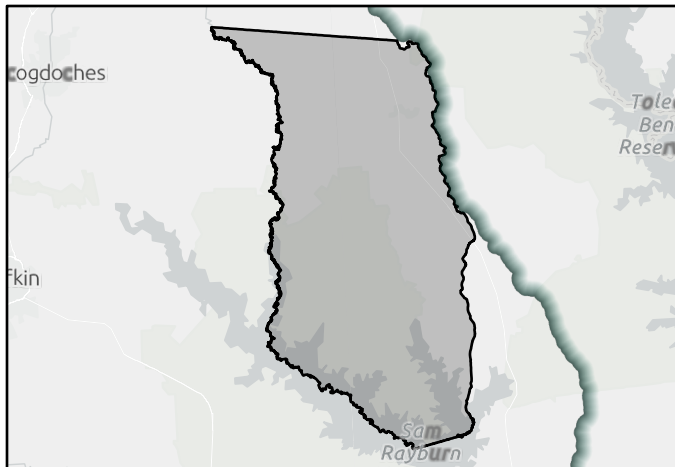
Population removed from 100-yr	-	# of structures removed from 100-yr	-
Critical facilities removed from 100-yr	-	Farm/Ranch land removed from 100-yr (acres)	-
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr	-
Other benefits	-	Reduction in # of road closures over 10 years	-

Impacts

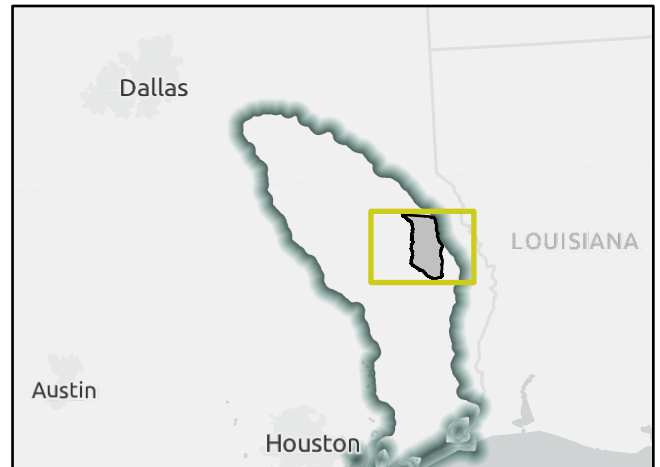
Negative impacts?	No	Negative impacts description	-
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title San Augustine County Structure Elevation

ID# 052000057 Sponsor San Augustine (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 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? Yes Coastal? No Local? Yes Playa? No Other? No
 Farm/Ranch land impacted (acres) 42 Roadway(s) impacted (miles) 13
 Number of low water crossings 2 Historical road closures 2

100-Year Flood Risk Reduction

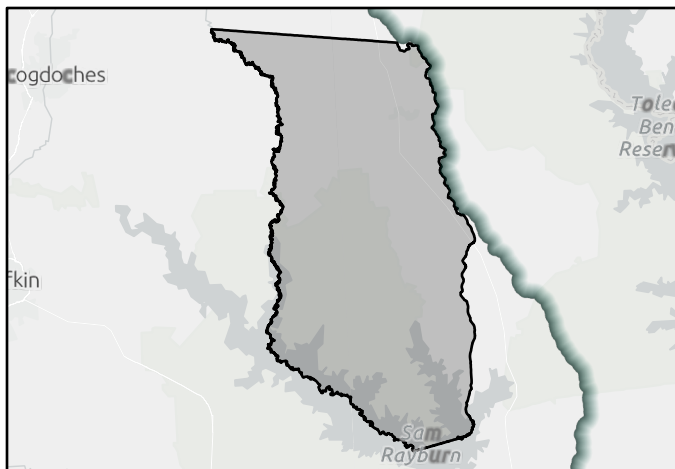
Population removed from 100-yr - # of structures removed from 100-yr -
 Critical facilities removed from 100-yr - Farm/Ranch land removed from 100-yr (acres) -
 Road removed from 100-yr (miles) - Low water crossings removed from 100-yr -
 Other benefits - Reduction in # of road closures over 10 years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

Impacts

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

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5



Title

ID# Sponsor

RFPG recommend? Yes Reason for Recommendation

REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type County

Strategy description

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 # of structures Critical facilities

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

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

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

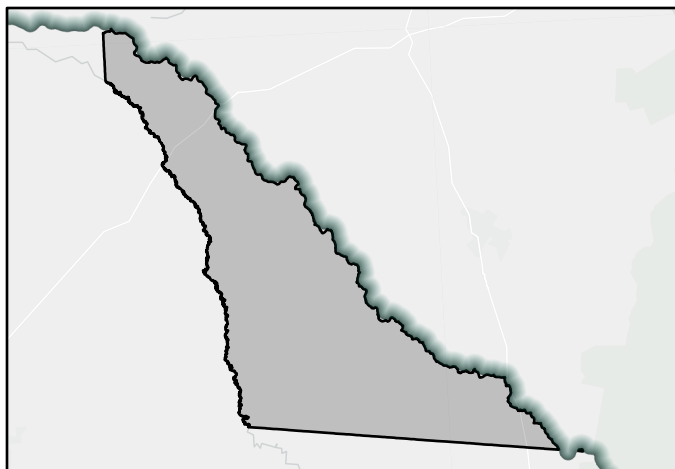
Impacts

Negative impacts? Negative impacts description

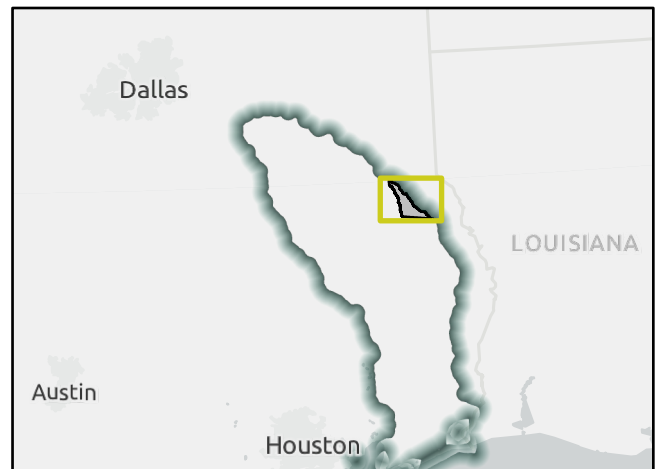
Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5

NECHES

Title

ID# Sponsor

RFPG recommend? Yes Reason for Recommendation

REGIONAL FLOOD PLANNING GROUP

Strategy Details

Strategy type County

Strategy description

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 # of structures Critical facilities

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

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

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

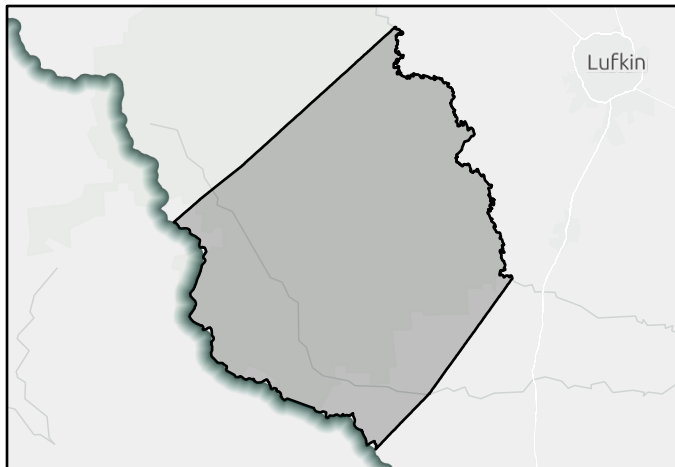
Impacts

Negative impacts? Negative impacts description

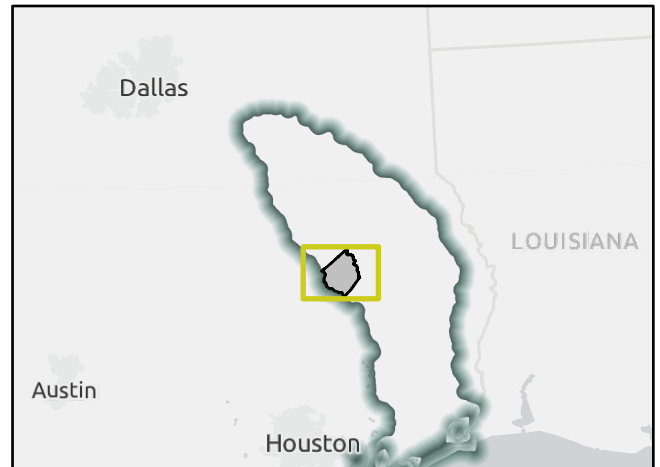
Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding % Nature-Based



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

REGION 5

NECHES

Title City of Groveton Buyout Program Implementation

ID# 052000060 Sponsor Groveton (Municipality)

RFPG recommend? Yes Reason for Recommendation Complies with RFPG Goals

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 # of structures 3 Critical facilities 0

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

Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (miles) 0

Number of low water crossings 0 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 -

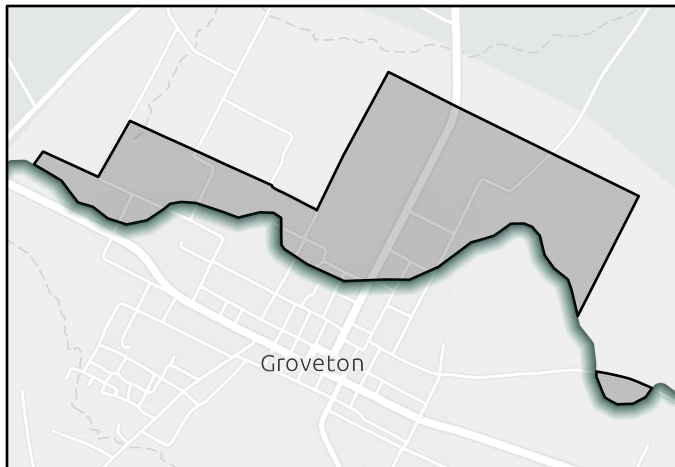
Impacts

Negative impacts? No Negative impacts description -

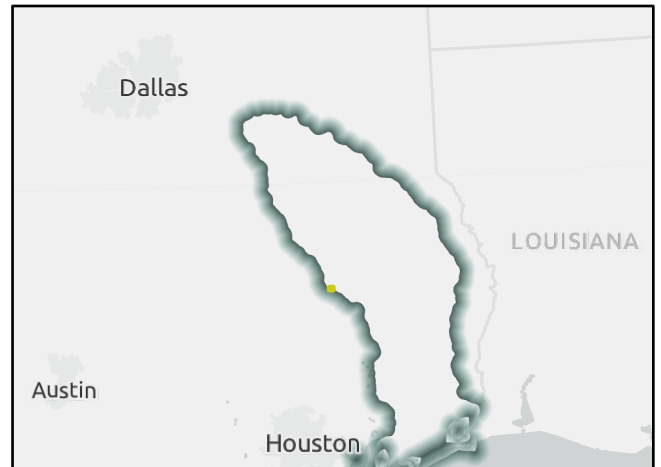
Water supply contributions? No Water supply contribution description -

Estimated Cost

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



FMS area



Regional view of FMS area