Title Trinity Basin Assessment of Flood Mitigation and Performance of Nature-based Solutions



| 1000469 | 1000469 | ID# |
|---------|---------|-----|
| 1000469 | 1000469 | ID# |

Sponsor (name of entity, not person) The Nature Conservancy (TNC)

RFPG recommend? Yes

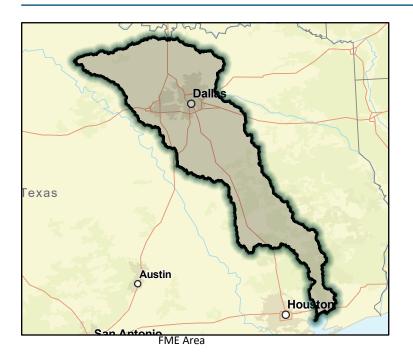
Reason for Recommendation

Action aligns with goals and meets TWDB guidance

Study Details

| Study type Watershed Planning | | | | | | | | | |
|--|----------------|-------------------|----------------|---------------|-----------------------------|----------------|------------|---------------|----|
| Study description Analysis of the flood m | nitigation val | ue of select natu | ire based solu | itions at vai | rying scales | s and land use | e types ba | asin wide. | |
| New Hydrologic or Hydraulic model? Yes | | Emergency N | Need? No | | Existin | g/Anticipated | l models i | in near term? | No |
| County All | | Watershed HUC | # (if known) | All | | | | | |
| Drainage area (Square miles, est.) 17,849 Goal(s) 03000007, 03000008 | | | | | | | | | |
| | | | | | | | | | |
| 100-Year Flood Risk Summary | | | | | | | | | |
| Population at risk 7,854,082 | | # of structures | 2,454,974 | | Critical facilities 251,531 | | | | |
| Flood risk type: Riverine? Yes | Coast | al? Yes | Local? No | | Playa? | No | Other? | No | |
| Farm/Ranch land impacted (acres) 5,968, | ,380 | | Roadway(| s) impacted | l (length) | 123,078 | | | |
| Number of low water crossings 2,415 | | | Historical | road closur | es | - | | | |
| | | | | | | | | | |
| Estimated Cost and Funding Availab | bility | | | | | | | | |

| Total Cost | \$742,000 | Amount of Available Funding | 74,200 | Federal funding availability Yes |
|----------------|--------------|-----------------------------|--------|----------------------------------|
| Funding source | State, Other | | | |



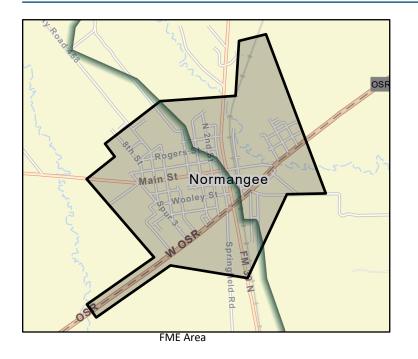


.

| Flood M | -IOOD Management Evaluation (FME) | | | | | | TR | | | | V |
|---------------------|-----------------------------------|--------------|--|----------------|------------|-------------|-------------------|----------|-------------|---------------|-----|
| Title City of Norma | angee Watershed-v | wide Dam Eva | luations | | F | REGION | IAL FLOO | | | | UP |
| ID# 031000470 | | | | | | | | | | | |
| Sponsor (name of e | entity, not person) | Normangee | | | | | | | | | |
| RFPG recommend? | Yes | Reason for | - Recommendation | Action align | ns with go | oals and me | ets TWDB guid | dance | | | |
| | | | | | | | _ | | | | |
| | | | | | | | | | | | |
| Study Details | | | | | | | | | | | |
| Study type | Other | | | | | | | | | | |
| • • | | | vide evaluation of da hazard classification | | | | • | d 500-ye | ar events. | Includes brea | ach |
| New Hydrologic or | Hydraulic model? | Yes | Emergency N | leed? No | | Existing | g/Anticipated | models i | n near term | n? No | |
| County Madison,L | eon | | Watershed HUC# | # (if known) 1 | 12030202 | 20402,1207 | 01030504 | | | | |
| Drainage area (Squ | are miles, est.) 1 | | Goal(s) | 03000033, 030 | 000034 | | | | | | |
| | | | | | | | | | | | |
| 100-Year Flood | Risk Summary | | | | | | | | | | |
| Population at risk | 8 | | # of structures | 21 | | | Critical faciliti | es 0 | | | |
| Flood risk type: | Riverine? Yes | Co | oastal? No | Local? No | | Playa? | No | Other? | No | | |
| Farm/Ranch land ir | mpacted (acres) 2 | 3 | | Roadway(s) | impacte | d (length) | 1 | | | | |
| Number of low wa | ter crossings 0 | | | Historical ro | ad closu | res | - | | | | |
| | | | | | | | | | | | |
| Estimate d. Cost. | and Eucline A. | ر طالبه ما ب | | | | | | | | | |

Estimated Cost and Funding Availability

| Total Cost | \$58,000 | Amount of Available Funding | 5,800 | Federal funding availability | Yes |
|----------------|--------------|-----------------------------|-------|------------------------------|-----|
| Funding source | Local, State | | | | |





Title Tri-City Gully Improvements Study

ID# 031000471

 Sponsor (name of entity, not person)
 Chambers County

 RFPG recommend? Yes
 Reason for Recommendation
 Action aligns

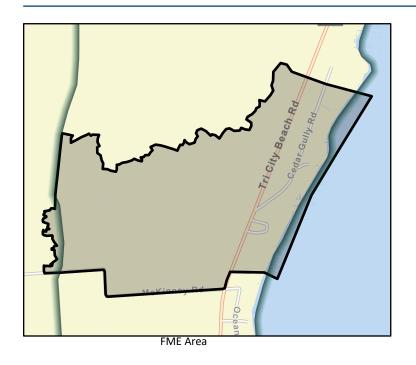
Action aligns with goals and meets TWDB guidance

STRINIT

REGIONAL FLOOD PLANNING GROUP

Study Details Study type **Project Planning** Study description Study to provide channel modifications to Tri-City Gully to improve conveyance from upstream of FM 2354 to the outfall into Trinity Bay New Hydrologic or Hydraulic model? Yes Existing/Anticipated models in near term? No Emergency Need? No Watershed HUC# (if known) 120402030106,120402030200 County Chambers Drainage area (Square miles, est.) 1 Goal(s) 03000029, 03000030 **100-Year Flood Risk Summary** Critical facilities 0 Population at risk 25 # of structures 9 Coastal? Yes Local? No Playa? No Flood risk type: Riverine? Yes Other? No Farm/Ranch land impacted (acres) 41 Roadway(s) impacted (length) 0 Number of low water crossings 0 Historical road closures **Estimated Cost and Funding Availability**

| Total Cost | \$100,000 | Amount of Available Funding | 75,000 | Federal funding availability | Yes |
|----------------|--------------|-----------------------------|--------|------------------------------|-----|
| Funding source | Local, State | | | | |





Title Skylane Gully Improvements Study

ID# 031000472

Sponsor (name of entity, not person) Chambers County RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

STRINIT

REGIONAL FLOOD PLANNING GROUP

Study Details Study type **Project Planning** Study description Study to provide channel modifications to Skylane Gully to improve conveyance from upstream of FM 2354 to the outfall into Trinity Bay New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? No Watershed HUC# (if known) 120302030307,120402030106,120402030200 County Chambers Drainage area (Square miles, est.) 4 Goal(s) 03000029, 03000030 **100-Year Flood Risk Summary** Critical facilities 0 Population at risk 264 # of structures 114 Coastal? Yes Local? No Playa? No Flood risk type: Riverine? Yes Other? No Farm/Ranch land impacted (acres) 133 Roadway(s) impacted (length) 1 Number of low water crossings 0 Historical road closures

Estimated Cost and Funding Availability

| Total Cost | \$150,000 | Amount of Available Funding | 112,500 | Federal funding availability | Yes |
|----------------|--------------|-----------------------------|---------|------------------------------|-----|
| Funding source | Local, State | | | | |





Title Point Barrow Gully Improvements Study

ID# 031000473

Sponsor (name of entity, not person) Chambers County

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

REGION

STRINITY

REGIONAL FLOOD PLANNING GROUP

Study Details

| Study type | Project Planning | | | | | | | |
|--------------------|--|---------------------------|---|-----------------------|---------------|----------|---------------|-------------|
| Study description | Study to provide channel m outfall into Trinity Bay | odifications to Point Bar | row Gully to improve co | onveyance f | from downstr | eam of N | AcCollum Park | Road to the |
| New Hydrologic or | Hydraulic model? Yes | Emergency N | leed? No | Existin | g/Anticipated | models | in near term? | No |
| County Chambers | 5 | Watershed HUC# | Watershed HUC# (if known) 120302030307,120402030200 | | | | | |
| Drainage area (Squ | uare miles, est.) 1 | Goal(s) | 03000029, 03000030 | | | | | |
| | | | | | | | | |
| 100-Year Flood | Risk Summary | | | | | | | |
| Population at risk | 93 | # of structures | 45 | Critical facilities 0 | | | | |
| Flood risk type: | Riverine? Yes | Coastal? Yes | Local? No | Playa? | No | Other? | No | |
| Farm/Ranch land i | mpacted (acres) 58 | | Roadway(s) impacted | d (length) | 0 | | | |
| Number of low wa | ter crossings 0 | | Historical road closu | res | - | | | |
| | | | | | | | | |
| Estimated Cost | and Funding Availability | , | | | | | | |

| Total Cost | \$100,000 | Amount of Available Funding | 75,000 | Federal funding availability | Yes |
|----------------|--------------|-----------------------------|--------|------------------------------|-----|
| Funding source | Local, State | | | | |





Title Cedar Gully Improvements Study

ID# 031000474

 Sponsor (name of entity, not person)
 Chambers County

 RFPG recommend?
 Yes

 Reason for Recommendation
 Additional Additiona Additiona Additional Additional Additional Additional A

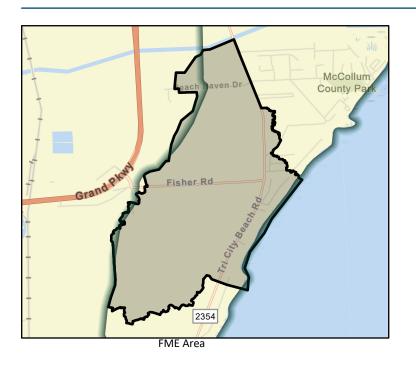
Action aligns with goals and meets TWDB guidance

STRINITY

REGIONAL FLOOD PLANNING GROUP

Study Details Study type **Project Planning** Study description Study to provide channel modifications to Cedar Gully upstream of FM 2354 to improve conveyance to outfall into Trinity Bay New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? No Watershed HUC# (if known) 120302030307,120402030106,120402030200 County Chambers Drainage area (Square miles, est.) 4 Goal(s) 03000029, 03000030 **100-Year Flood Risk Summary** Critical facilities 0 Population at risk 47 # of structures 20 Coastal? Yes Local? No Playa? No Flood risk type: Riverine? Yes Other? No Farm/Ranch land impacted (acres) 30 Roadway(s) impacted (length) 0 Number of low water crossings 0 Historical road closures **Estimated Cost and Funding Availability**

| Total Cost | \$150,000 | Amount of Available Funding | 112,500 | Federal funding availability | Yes |
|----------------|--------------|-----------------------------|---------|------------------------------|-----|
| Funding source | Local, State | | | | |





Title Hackberry Gully Improvements Study



Sponsor (name of entity, not person) Chambers County

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

REGION

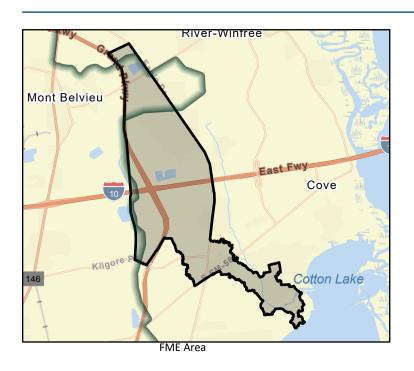
STRINITY

REGIONAL FLOOD PLANNING GROUP

Study Details

| - | | | | | | | | | |
|---|--|-----------------|--------------|-------------------|---------|------------------|----------|---------------|-----------------|
| Study type | Project Planning | | | | | | | | |
| Study description | Study to implement either d IH-10 to confluence with Co | | hannel modi | ifications to Hac | kberry | Gully to impr | ove conv | veyance from | downstream of |
| New Hydrologic or | Hydraulic model? Yes | Emergency N | leed? No | | Existin | g/Anticipated | models | in near term? | No |
| County Chambers | ; | Watershed HUC# | # (if known) | 120302030304 | 4,1203 | 02030306,12 | 0302030 | 307,12040203 | 30105,120402030 |
| Orainage area (Square miles, est.) 6 Goal(s) 03000029, 03000030 | | | | | | | | | |
| 100-Year Flood | Risk Summary | | | | | | | | |
| Population at risk | 339 | # of structures | 248 | | | Critical facilit | ies 0 | | |
| Flood risk type: | Riverine? Yes | Coastal? Yes | Local? No | F | Playa? | No | Other? | No | |
| Farm/Ranch land i | mpacted (acres) 257 | | Roadway(| (s) impacted (lei | ngth) | 4 | | | |
| Number of low wa | ter crossings 0 | | Historical | road closures | | - | | | |
| Ectimated Cost | and Euroding Augilability | | | | | | | | |
| Estimated Cost | and Funding Availability | | | | | | | | |

| Total Cost | \$150,000 | Amount of Available Funding | 112,500 | Federal funding availability | Yes |
|----------------|--------------|-----------------------------|---------|------------------------------|-----|
| Funding source | Local, State | | | | |





Regional view of FME area



Title Spring Creek Gully Improvements Study

ID# 031000476

 Sponsor (name of entity, not person)
 Chambers County

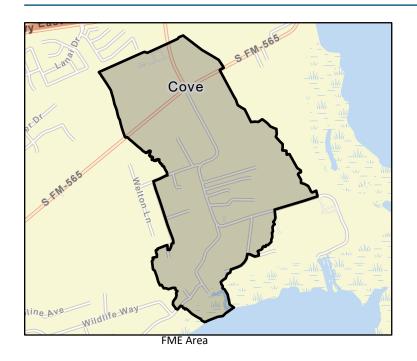
 RFPG recommend?
 Yes

 Reason for Recommendation
 Action aligns with

Action aligns with goals and meets TWDB guidance

| Study Details | | | | | | |
|---|--|--|--|--|--|--|
| Study type Project Planning | | | | | | |
| Study description Assessment of implementati | ion of detention, conveyance improvements, | or a diversion for Spring Creek | | | | |
| New Hydrologic or Hydraulic model? Yes | Emergency Need? No | Existing/Anticipated models in near term? No | | | | |
| County Chambers | Watershed HUC# (if known) 1203020 | 030307 | | | | |
| Drainage area (Square miles, est.) 1 Goal(s) 03000029, 03000030 | | | | | | |
| 100-Year Flood Risk Summary | | | | | | |
| Population at risk 21 | # of structures 17 | Critical facilities 0 | | | | |
| Flood risk type: Riverine? Yes | Coastal? Yes Local? No | Playa? No Other? No | | | | |
| Farm/Ranch land impacted (acres) 23 | Roadway(s) impact | ed (length) 0 | | | | |
| Number of low water crossings 0 | Historical road clos | ures - | | | | |
| Estimated Cost and Funding Availability Total Cost \$100,000 Am | nount of Available Funding 75,000 | Federal funding availability Yes | | | | |

Funding source Local, State





Title Cotton Bayou Improvements Study

ID# 031000477

Sponsor (name of entity, not person) Chambers County

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

REGION

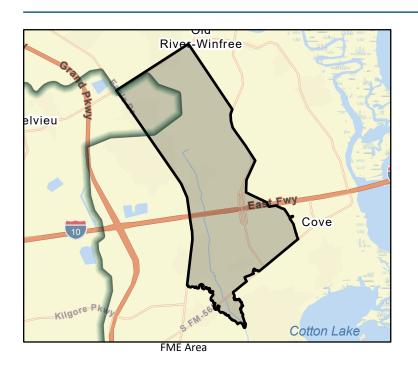
STRINITY

REGIONAL FLOOD PLANNING GROUP

Study Details

| Study type | Project Planning | ; | | | | | | | | |
|--------------------|---|-------------|----------------------------|---------------|--------------|------------|------------------|----------|--------------|-----------------|
| Study description | Study to implem confluence with | | detention or channe lly | l modificatio | ns to Cottor | i Bayou to | improve conv | eyance f | rom downstr | eam of IH-10 to |
| New Hydrologic or | Hydraulic mode | l? Yes | Emergency N | leed? No | | Existing | g/Anticipated | models | in near term | ? No |
| County Chambers | 5 | | Watershed HUC# | ‡ (if known) | 12030203 | 0304,1203 | 02030306,12 | 0302030 | 307,1204020 | 030105 |
| Drainage area (Squ | Orainage area (Square miles, est.) 5 Goal(s) Goal(s) 03000029, 03000030 | | | | | | | | | |
| 100-Year Flood | Risk Summary | 1 | | | | | | | | |
| Population at risk | 4,176 | | # of structures | 519 | | | Critical facilit | ies 0 | | |
| Flood risk type: | Riverine? Yes | C | Coastal? Yes | Local? No | | Playa? | No | Other? | No | |
| Farm/Ranch land i | mpacted (acres) | 775 | | Roadway(| s) impacted | (length) | 7 | | | |
| Number of low wa | ter crossings | 0 | | Historical | road closur | es | - | | | |
| Estimated Cost | and Funding A | vailability | | | | | | | | |

| Total Cost | \$150,000 | Amount of Available Funding | 112,500 | Federal funding availability | Yes |
|----------------|--------------|-----------------------------|---------|------------------------------|-----|
| Funding source | Local, State | | | | |

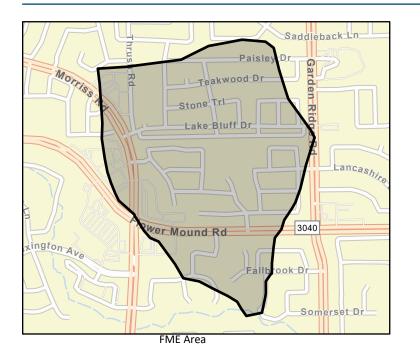




| | TY | |
|---|-----|--|
| Title Floodplain Mapping Updates of Bakers Branch Tributary 1 REGIONAL FLOOD PLANNING GRO | DUP | |
| ID# 031000478 | | |
| Sponsor (name of entity, not person) Flower Mound | | |
| RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance | | |
| | | |
| Study Details | | |
| Study type Watershed Planning | | |
| Study description Floodplain mapping of Bakers Branch Tributary 1 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMI | κ. | |
| New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? No | | |
| County Denton Watershed HUC# (if known) 120301031002,120301040307 | | |
| Drainage area (Square miles, est.) 0 Goal(s) 03000005, 03000006, 03000009, 03000010 | | |
| 100-Year Flood Risk Summary | | |
| Population at risk 1,557 # of structures 526 Critical facilities 45 | | |
| Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No | | |
| Farm/Ranch land impacted (acres) 6 Roadway(s) impacted (length) 37 | | |
| Number of low water crossings O Historical road closures - | | |
| | | |

Estimated Cost and Funding Availability

| Total Cost | \$56,000 | Amount of Available Funding 5,600 | Federal funding availability Yes |
|----------------|--------------|-----------------------------------|----------------------------------|
| Funding source | Local, State | | |





| Title Floodplain M | lapping Updates o | of Bakers B | ranch Tributary 2 | | REGION | NAL FLO | | | IG GROUP |
|--------------------|-------------------|-------------|--------------------------|-----------------------|-----------------|---------------|-------------|--------------|---------------|
| ID# 031000479 | | | | | | | | | |
| Sponsor (name of | entity, not perso | n) Flower I | Mound | | | | | | |
| RFPG recommend | ? Yes | Reasc | on for Recommendation | Action aligns wi | th goals and me | eets TWDB g | uidance | | |
| | | | | | | | | | |
| Study Details | | | | | | | | | |
| Study type | Watershed Plan | ning | | | | | | | |
| Study description | Floodplain mapı | oing of Bak | ers Branch Tributary 2 t | o establish base floc | d elevations in | order to con | vert Zone | A to Zone Al | : via a LOMR. |
| New Hydrologic o | r Hydraulic mode | l? Yes | Emergency | Need? No | Existin | g/Anticipate | d models | in near term | ? No |
| County Denton | | | Watershed HUG | C# (if known) 1203 | 01031002,1203 | 801040307 | | | |
| Drainage area (Sq | uare miles, est.) | 0 | Goal(s) | 03000005, 030000 | 006, 03000009, | 03000010 | | | |
| 100-Year Flood | Risk Summary | 1 | | | | | | | |
| Population at risk | 1,460 | | # of structures | 346 | | Critical faci | lities 43 | | |
| Flood risk type: | Riverine? Yes | | Coastal? No | Local? No | Playa? | No | Other? | No | |
| Farm/Ranch land | impacted (acres) | 0 | | Roadway(s) imp | acted (length) | 37 | | | |
| Number of low wa | ater crossings | 0 | | Historical road o | closures | - | | | |
| Estimated Cost | and Funding A | vailabilit | у | | | | | | |
| Total Cost | \$56,000 | A | mount of Available Fun | ding 5,600 | Fe | ederal fundir | ng availabi | ity Yes | |

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Funding source Local, State







Title Floodplain Mapping Updates of Bakers Branch

| D# 031000480 |
|--------------|
|--------------|

Sponsor (name of entity, not person) Flower Mound

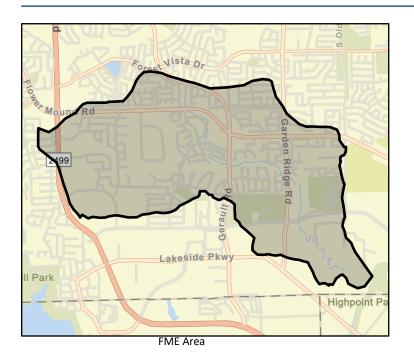
RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

Study Details Study type Watershed Planning Study description Floodplain mapping updates on Bakers Branch to establish base flood elevations and convert Zone A to Zone AE via LOMR. New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? No 120301031002,120301040307,120301040306 County Denton Watershed HUC# (if known) Drainage area (Square miles, est.) 3 Goal(s) 03000005, 03000006, 03000009, 03000010 **100-Year Flood Risk Summary** Critical facilities 237 Population at risk 8,094 # of structures 2,371 Coastal? No Playa? No Flood risk type: Riverine? Yes Local? No Other? No Farm/Ranch land impacted (acres) 248 Roadway(s) impacted (length) 141 Number of low water crossings 1 Historical road closures **Estimated Cost and Funding Availability**

| Total Cost | \$61,000 | Amount of Available Funding | 6,100 | Federal funding availability | Yes |
|----------------|--------------|-----------------------------|-------|------------------------------|-----|
| Funding source | Local, State | | | | |





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|--------------------|---------------------|----------------|-----------------------|----------------|---------|-------------------|-----------------|------------|---------------|----------------|
| inde i | | | , | | | REGION | IAL FLO | OD PI | LANNIN | NG GROUP |
| ID# 031000481 | | | | | | | | | | |
| Sponsor (name of | entity, not person) | Flower Moun | d | | | | | | | |
| RFPG recommend | ? Yes | Reason for | Recommendation | Action alig | gns wi | th goals and me | ets TWDB gu | uidance | | |
| | | | | | | | | | | |
| Study Details | | | | | | | | | | |
| Study type | Watershed Plannir | ng | | | | | | | | |
| Study description | Floodplain mappin | ng of Graham E | 3ranch Tributary 3 to | o establish ba | ase flo | ood elevations in | order to cor | nvert Zone | e A to Zone / | AE via a LOMR. |
| New Hydrologic or | Hydraulic model? | Yes | Emergency N | leed? No | | Existing | g/Anticipated | d models i | in near term | n? No |
| County Denton | | | Watershed HUC# | ‡ (if known) | 1203 | 01040304 | | | | |
| Drainage area (Squ | uare miles, est.) 0 | | Goal(s) | 03000005, 03 | 30000 | 06, 03000009, 0 | 3000010 | | | |
| 100-Year Flood | Risk Summary | | | | | | | | | |
| Population at risk | 4 | | # of structures | 3 | | | Critical facili | ties 24 | | |
| Flood risk type: | Riverine? Yes | Co | astal? No | Local? No | | Playa? | No | Other? | No | |

Estimated Cost and Funding Availability

0

Farm/Ranch land impacted (acres) 260

Number of low water crossings

| Total Cost | \$57,000 | Amount of Available Funding | 5,700 | Federal funding availability | Yes |
|----------------|--------------|-----------------------------|-------|------------------------------|-----|
| Funding source | Local, State | | | | |

Roadway(s) impacted (length) 13

Historical road closures

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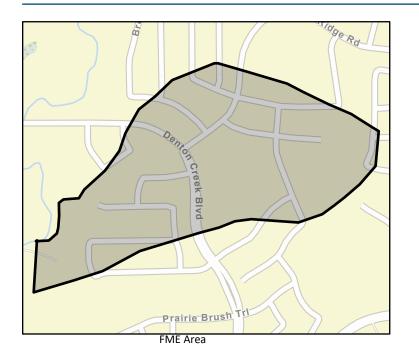
Regional view of FME area

| Title Floodplain Mapping Updates of Graham | Branch Tributary 9 | | | IAL FLOO | DD PL/ | | G GROUP |
|---|---------------------------|----------------------|-------------------|-------------------|-------------|------------|---------------|
| D# 031000482 | | | | | | | |
| Sponsor (name of entity, not person) Flower | Mound | | | | | | |
| RFPG recommend? Yes Reason | on for Recommendation | Action aligns wi | th goals and me | ets TWDB guid | dance | | |
| | | | | | | | |
| Study Details | | | | | | | |
| Study type Watershed Planning | | | | | | | |
| Study description Floodplain mapping of Gra | ham Branch Tributary 9 to | o establish base flo | ood elevations ir | order to conv | vert Zone A | to Zone A | E via a LOMR. |
| New Hydrologic or Hydraulic model? Yes | Emergency Ne | eed? No | Existin | g/Anticipated | models in | near term? | No |
| County Denton | Watershed HUC# | (if known) 1203 | 01040304 | | | | |
| Drainage area (Square miles, est.) 0 | Goal(s) | 03000005, 030000 | 006, 03000009, 0 | 03000010 | | | |
| 100-Year Flood Risk Summary | | | | | | | |
| Population at risk 4 | # of structures | 3 | | Critical faciliti | es 12 | | |
| Flood risk type: Riverine? Yes | Coastal? No | Local? No | Playa? | No | Other? N | 0 | |
| Farm/Ranch land impacted (acres) 46 | | Roadway(s) imp | acted (length) | 5 | | | |
| Number of low water crossings 0 | | Historical road of | closures | - | | | |
| | | | | | | | |

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Estimated Cost and Funding Availability

| Total Cost | \$56,000 | Amount of Available Funding | 5,600 | Federal funding availability | Yes |
|----------------|--------------|-----------------------------|-------|------------------------------|-----|
| Funding source | Local, State | | | | |





Regional view of FME area

| Title | Floodplain Mapping Updates of Graham Branch Tributary 10 |
|-------|--|
| ID# | 031000483 |



| Sponsor (name of | onsor (name of entity, not person) Flower Mound | | | | | | | | | | | |
|--------------------|---|--------------|-----------------------|---------------------|----------|--------------|------------------|-----------|--------------|------------------|--|--|
| RFPG recommend | ? Yes | Reason f | or Recommendation | Action aligns w | with goa | als and me | ets TWDB gu | idance | | | | |
| | | | | | | | | | | | | |
| Study Details | | | | | | | | | | | | |
| Study type | Watershed Plannir | ng | | | | | | | | | | |
| Study description | Floodplain mappir | ng of Grahar | n Branch Tributary 10 |) to establish base | flood e | elevations i | in order to co | nvert Zoi | ne A to Zone | e AE via a LOMR. | | |
| New Hydrologic or | Hydraulic model? | Yes | Emergency N | Need? No | | Existing | g/Anticipated | l models | in near tern | n? No | | |
| County Denton | | | Watershed HUC | # (if known) 120 |)30104(| 0303,1203 | 01040304 | | | | | |
| Drainage area (Squ | uare miles, est.) 1 | | Goal(s) | 03000005, 03000 | 0006, 0 | 3000009, (| 03000010 | | | | | |
| 100-Year Flood | Risk Summary | | | | | | | | | | | |
| Population at risk | 105 | | # of structures | 40 | | | Critical facilit | ties 29 | | 1 | | |
| Flood risk type: | Riverine? Yes | | Coastal? No | Local? No | | Playa? | No | Other? | No | | | |
| Farm/Ranch land i | mpacted (acres) 46 | 51 | | Roadway(s) im | pacted | (length) | 14 | | | | | |

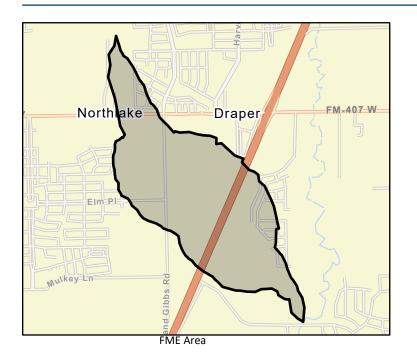
Estimated Cost and Funding Availability

0

Number of low water crossings

| Total Cost | \$59,000 | Amount of Available Funding | 5,900 | Federal funding availability | Yes |
|----------------|--------------|-----------------------------|-------|------------------------------|-----|
| Funding source | Local, State | | | | |

Historical road closures







Title Floodplain Mapping Updates of Graham Branch

ID# 031000484

Sponsor (name of entity, not person) Flower Mound

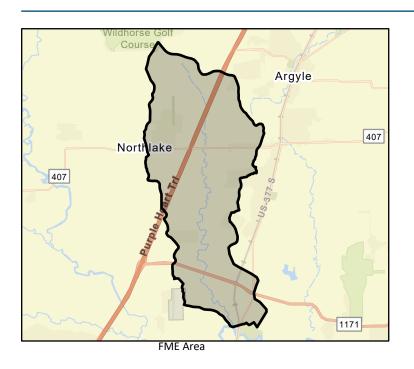
RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

Study Details Study type Watershed Planning Study description Floodplain mapping of Graham Branch to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR. New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? No 120301030804,120301040205,120301040303,120301040304 County Denton Watershed HUC# (if known) Drainage area (Square miles, est.) 10 Goal(s) 03000005, 03000006, 03000009, 03000010 **100-Year Flood Risk Summary** Critical facilities 253 Population at risk 833 # of structures 398 Local? No Playa? No Flood risk type: Riverine? Yes Coastal? No Other? No Farm/Ranch land impacted (acres) 4,592 Roadway(s) impacted (length) 124 Number of low water crossings 0 Historical road closures **Estimated Cost and Funding Availability**

| Total Cost | \$80,000 | Amount of Available Funding | 8,000 | Federal funding availability | Yes |
|----------------|--------------|-----------------------------|-------|------------------------------|-----|
| Funding source | Local, State | | | | |







Title Floodplain Mapping Updates of McKamy Creek

ID# 031000485

Sponsor (name of entity, not person) Flower Mound

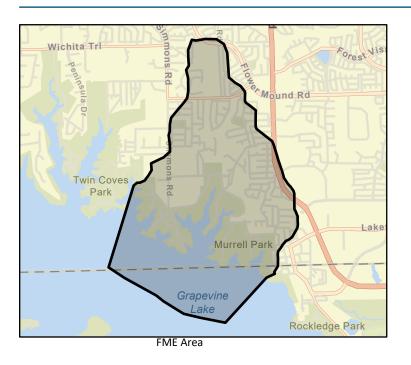
RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

Study Details Study type Watershed Planning Study description Floodplain mapping of McKamy Creek to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR. New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? No 120301031002,120301040307,120301040306 County Tarrant, Denton Watershed HUC# (if known) Drainage area (Square miles, est.) 3 Goal(s) 03000005, 03000006, 03000009, 03000010 **100-Year Flood Risk Summary** Critical facilities 174 Population at risk 5,175 # of structures 1,519 Coastal? No Playa? No Flood risk type: Riverine? Yes Local? No Other? No Farm/Ranch land impacted (acres) 93 Roadway(s) impacted (length) 88 Number of low water crossings 0 Historical road closures _ **Estimated Cost and Funding Availability**

| Total Cost | \$65,000 | Amount of Available Funding | 5,500 | Federal funding availability | Yes |
|----------------|--------------|-----------------------------|-------|------------------------------|-----|
| Funding source | Local, State | | | | |





| Flood IV | lanagem | ent | -valuation (| FME) | EGION | TF | | | TV |
|--------------------|---------------------|-------------|---------------------------|--|---------------|---------------|--------------|--------------|---------------|
| Title Floodplain M | 1apping Updates o | f Sharps B | ranch Tributary 3 | | x | | | | NG GROUP |
| ID# 031000486 | | | | | | | | | |
| Sponsor (name of | entity, not person |) Flower N | Nound | | | | | | |
| RFPG recommend | I? Yes | Reaso | n for Recommendation | Action aligns with | n goals and m | eets TWDB g | uidance | | |
| | | | | | | | | | |
| Study Details | | | | | | | | | |
| Study type | Watershed Plann | ing | | | | | | | |
| Study description | Floodplain mappi | ing of Sha | rps Branch Tributary 3 to | establish base flood | elevations in | order to cor | ivert Zone | A to Zone A | E via a LOMR. |
| New Hydrologic o | r Hydraulic model? | Yes | Emergency N | leed? No | Existin | ng/Anticipate | d models | in near terr | n? No |
| County Denton | | | Watershed HUC# | Watershed HUC# (if known) 120301031002,120301030804,120301040305 | | | | | |
| Drainage area (Sq | uare miles, est.) 1 | | Goal(s) | 03000005, 0300000 | 6, 03000009, | 03000010 | | | |
| 100-Year Flood | Risk Summary | | | | | | | | |
| Population at risk | 313 | | # of structures | 124 | | Critical faci | lities 53 | | |
| Flood risk type: | Riverine? Yes | | Coastal? No | Local? No | Playa? | No | Other? | No | |
| Farm/Ranch land | impacted (acres) | 339 | | Roadway(s) impa | cted (length) | 21 | | | |
| Number of low wa | ater crossings (|) | | Historical road clo | osures | - | | | |
| Estimated Cost | and Funding Av | vailability | y | | | | | | |
| Total Cost | \$59,000 | A | mount of Available Fundi | ing 5,900 | Fe | ederal fundir | ng availabil | ity Yes | |

| 10101 0030 | \$59,000 | Amount of Available Fulluling 5,900 | |
|----------------|--------------|-------------------------------------|--|
| Funding source | Local, State | | |





Regional view of FME area



Title Floodplain Mapping Updates of Sharps Branch

ID# 031000487

Sponsor (name of entity, not person) Flower Mound

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

Study Details Study type Watershed Planning Study description Floodplain mapping of Sharps Branch to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR. New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? No 120301031002,120301030804,120301040304,120301040305 County Denton Watershed HUC# (if known) Drainage area (Square miles, est.) 4 Goal(s) 03000005, 03000006, 03000009, 03000010 **100-Year Flood Risk Summary** Critical facilities 163 Population at risk 2,078 # of structures 948 Local? No Playa? No Flood risk type: Riverine? Yes Coastal? No Other? No Farm/Ranch land impacted (acres) 1,188 Roadway(s) impacted (length) 95 Number of low water crossings 0 Historical road closures **Estimated Cost and Funding Availability**

| Total Cost | \$64,000 | Amount of Available Funding | 6,400 | Federal funding availability | Yes |
|----------------|--------------|-----------------------------|-------|------------------------------|-----|
| Funding source | Local, State | | | | |





| Flood M | anagen | | T | | | TV | | | | | |
|--------------------|-------------------|----------------|-------------------------|----------------|---------------------------------|-------------------------------|-------------|--------------|-------------|--|--|
| Title Floodplain M | apping Updates | of Stream SB· | -1 Tributary 1 | | REGION | REGIONAL FLOOD PLANNING GROUP | | | | | |
| ID# 031000488 | | | | | | | | | | | |
| Sponsor (name of | entity, not perso | n) Flower Mo | ound | | | | | | | | |
| RFPG recommend | ? Yes | Reason | for Recommendation | Action ali | gns with goals and me | eets TWDB g | guidance | | | | |
| | | | | | | | | | | | |
| Study Details | | | | | | | | | | | |
| Study type | Watershed Plan | ning | | | | | | | | | |
| Study description | Floodplain map | ping of Strear | m SB-1 Tributary 1 to e | establish base | flood elevations in o | rder to conv | vert Zone A | to Zone AE | via a LOMR. | | |
| New Hydrologic or | Hydraulic mode | I? Yes | Emergency N | leed? No | Existin | g/Anticipate | ed models i | in near term | ? No | | |
| County Denton | | | Watershed HUC | # (if known) | 120301031002,1203 | 01040305 | | | | | |
| Drainage area (Squ | are miles, est.) | 0 | Goal(s) | 03000005, 0 | 5, 03000006, 03000009, 03000010 | | | | | | |
| 100-Year Flood | Risk Summar | y | | | | | | | | | |
| Population at risk | 63 | | # of structures | 58 | | Critical faci | ilities 163 | | | | |
| Flood risk type: | Riverine? Yes | | Coastal? No | Local? No | Playa? | No | Other? | No | | | |
| Farm/Ranch land i | mpacted (acres) | 211 | | Roadway(| s) impacted (length) | 11 | | | | | |
| Number of low wa | ter crossings | 0 | | Historical | road closures | - | | | | | |
| Estimated Cost | and Funding | Availability | | | | | | | | | |

| Total Cost | \$60,000 | Amount of Available Funding | 6,000 | Federal funding availability | Yes |
|----------------|--------------|-----------------------------|-------|------------------------------|-----|
| Funding source | Local, State | | | | |





Regional view of FME area

| FIOOD IVI | anageme | | aluation | (FIVIE) | EGION | TC | | | TV |
|--------------------|--|--------------------|-----------------|--|--|-----------------|---------|------|----|
| Title Floodplain M | apping Updates of S | Stream SB-1 | Tributary 2 | | a | | | ANNI | |
| ID# 031000489 | | | | | LOIOI | | | | |
| Sponsor (name of | entity, not person) | Flower Mour | nd | | | | | | |
| RFPG recommend | ? Yes | Reason for | Recommendation | Action aligns with | goals and me | ets TWDB gu | iidance | | |
| | | | | | | | | | |
| Study Details | | | | | | | | | |
| Study type | Watershed Plannin | g | | | | | | | |
| Study description | | | , | establish base flood ele | | | | | |
| New Hydrologic or | Hydraulic model? | Yes | Emergency N | leed? No | Existing/Anticipated models in near term? No | | | | |
| County Denton | | | Watershed HUC# | # (if known) 120301031002,120301040305 | | | | | |
| Drainage area (Squ | uare miles, est.) 0 | | Goal(s) | 03000005, 03000006 | 3000006, 03000009, 03000010 | | | | |
| 100-Year Flood | Risk Summary | | | | | | | | |
| Population at risk | 198 | | # of structures | 123 | | Critical facili | ties 25 | | |
| Flood risk type: | Riverine? Yes | Co | oastal? No | Local? No | Playa? | No | Other? | No | |
| Farm/Ranch land i | Roadway(s) impact | pacted (length) 21 | | | | | | | |
| Number of low wa | Number of low water crossings 0 Historical | | | | | - | | | |
| Estimated Cost | and Funding Ava | ilability | | | | | | | |

| Total Cost | \$56,000 | Amount of Available Funding | 5,600 | Federal funding availability | Yes |
|----------------|--------------|-----------------------------|-------|------------------------------|-----|
| Funding source | Local, State | | | | |







| | | N / a va va i va a | | f Churchene CD 1 |
|-------|------------|--------------------|-----------|------------------|
| Titla | Floodblain | iviapping | updates o | f Stream SB-1 |
| 11116 | | | | |

ID# 031000490

Sponsor (name of entity, not person) Flower Mound

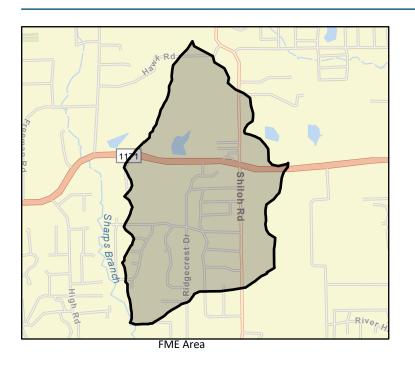
RFPG recommend? Yes

Reason for Recommendation

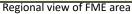
Action aligns with goals and meets TWDB guidance

Study Details Study type Watershed Planning Study description Floodplain mapping of Stream SB-1 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR. New Hydrologic or Hydraulic model? Yes Existing/Anticipated models in near term? No Emergency Need? No 120301031002,120301040305 County Denton Watershed HUC# (if known) Drainage area (Square miles, est.) 1 Goal(s) 03000005, 03000006, 03000009, 03000010 **100-Year Flood Risk Summary** Critical facilities 60 Population at risk 816 # of structures 406 Coastal? No Local? No Playa? No Flood risk type: Riverine? Yes Other? No Farm/Ranch land impacted (acres) 461 Roadway(s) impacted (length) 42 Number of low water crossings 0 Historical road closures _ **Estimated Cost and Funding Availability**

| Total Cost | \$57,000 | Amount of Available Funding | 5,700 | Federal funding availability | Yes |
|----------------|--------------|-----------------------------|-------|------------------------------|-----|
| Funding source | Local, State | | | | |









| | El a la dista la tra | N 4 | Linderse. | | 14/D 4 |
|-------|----------------------|-----------|-----------|-----------|--------|
| Title | Floodplain | iviapping | Updates | of Stream | WB-1 |

ID# 031000491

Sponsor (name of entity, not person) Flower Mound

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

Study Details Study type Watershed Planning Study description Floodplain mapping of Stream WB-1 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR. New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? No 120301030804,120301040304,120301040305 County Denton Watershed HUC# (if known) Drainage area (Square miles, est.) 3 Goal(s) 03000005, 03000006, 03000009, 03000010 **100-Year Flood Risk Summary** Critical facilities 87 Population at risk 1,088 # of structures 436 Coastal? No Local? No Playa? No Flood risk type: Riverine? Yes Other? No Farm/Ranch land impacted (acres) 1,049 Roadway(s) impacted (length) 26 Number of low water crossings 0 Historical road closures **Estimated Cost and Funding Availability**

| Total Cost | \$63,000 | Amount of Available Funding | 6,300 | Federal funding availability | Yes |
|----------------|--------------|-----------------------------|-------|------------------------------|-----|
| Funding source | Local, State | | | | |







| Title Floodplain Mapping Updates of Stream WC-1 | Title | Floodplain | Mapping | Updates of | of Stream | WC-1 |
|---|-------|------------|---------|------------|-----------|------|
|---|-------|------------|---------|------------|-----------|------|

ID# 031000492

Sponsor (name of entity, not person) Flower Mound

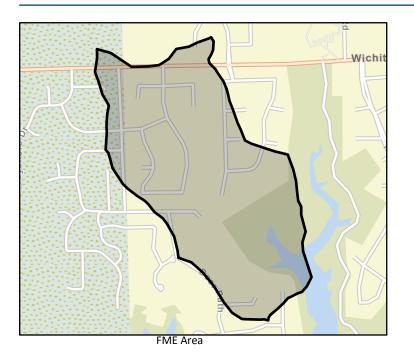
RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

Study Details Study type Watershed Planning Study description Floodplain mapping of Stream WC-1 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR. New Hydrologic or Hydraulic model? Yes Existing/Anticipated models in near term? No Emergency Need? No Watershed HUC# (if known) 120301040306,120301040305 County Denton Drainage area (Square miles, est.) 0 Goal(s) 03000005, 03000006, 03000009, 03000010 **100-Year Flood Risk Summary** Critical facilities 26 Population at risk 580 # of structures 116 Coastal? No Local? No Playa? No Flood risk type: Riverine? Yes Other? No Farm/Ranch land impacted (acres) 74 Roadway(s) impacted (length) 16 Number of low water crossings 0 Historical road closures **Estimated Cost and Funding Availability**

Total Cost \$58,000 Amount of Available Funding 5,800 Federal funding availability Yes Funding source Local, State







| Title I | Floodplain | Mapping | Updates | of Stream | WC-3 |
|---------|------------|---------|---------|-----------|------|
|---------|------------|---------|---------|-----------|------|

ID# 031000493

Sponsor (name of entity, not person) Flower Mound

RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

Study Details Study type Watershed Planning Study description Floodplain mapping of Stream WC-3 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR. New Hydrologic or Hydraulic model? Yes Existing/Anticipated models in near term? No Emergency Need? No Watershed HUC# (if known) 120301040306,120301040305 County Denton Drainage area (Square miles, est.) 0 Goal(s) 03000005, 03000006, 03000009, 03000010 **100-Year Flood Risk Summary** Critical facilities 14 Population at risk 254 # of structures 69 Coastal? No Local? No Playa? No Flood risk type: Riverine? Yes Other? No Farm/Ranch land impacted (acres) 32 Roadway(s) impacted (length) 14 Number of low water crossings 0 Historical road closures _ **Estimated Cost and Funding Availability**

| Total Cost | \$56,000 | Amount of Available Funding | 5,600 | Federal funding availability | Yes |
|----------------|--------------|-----------------------------|-------|------------------------------|-----|
| Funding source | Local, State | | | | |







Title Floodplain Mapping Updates of Stream WC-4

ID# 031000494

Sponsor (name of entity, not person) Flower Mound

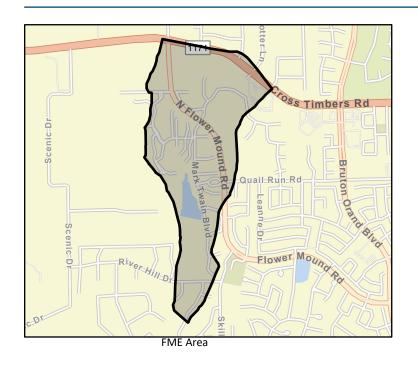
RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

Study Details Study type Watershed Planning Study description Floodplain mapping of Stream WC-4 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR. New Hydrologic or Hydraulic model? Yes Existing/Anticipated models in near term? No Emergency Need? No 120301031002,120301040306 County Denton Watershed HUC# (if known) Drainage area (Square miles, est.) 0 Goal(s) 03000005, 03000006, 03000009, 03000010 **100-Year Flood Risk Summary** Critical facilities 29 Population at risk 184 # of structures 59 Coastal? No Local? No Playa? No Flood risk type: Riverine? Yes Other? No Farm/Ranch land impacted (acres) 206 Roadway(s) impacted (length) 35 Number of low water crossings 0 Historical road closures _ **Estimated Cost and Funding Availability**

| Total Cost | \$56,000 | Amount of Available Funding | 5,600 | Federal funding availability | Yes |
|----------------|--------------|-----------------------------|-------|------------------------------|-----|
| Funding source | Local, State | | | | |







| Title Floodplain Mapping Updates of TC-2 Tributary 2 | |
|--|--|
| | |

ID# 031000495

Sponsor (name of entity, not person) Flower Mound

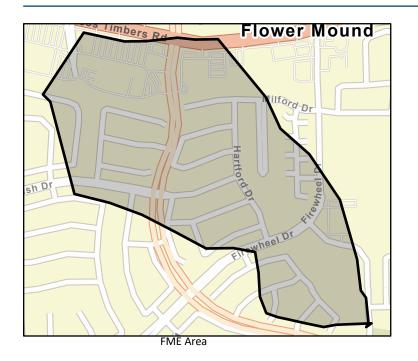
RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

Study Details Study type Watershed Planning Study description Floodplain mapping of TC-2 Tributary 2 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR. New Hydrologic or Hydraulic model? Yes Existing/Anticipated models in near term? No Emergency Need? No 120301031002 County Denton Watershed HUC# (if known) Drainage area (Square miles, est.) 0 Goal(s) 03000005, 03000006, 03000009, 03000010 **100-Year Flood Risk Summary** Critical facilities 41 Population at risk 1,133 # of structures 388 Coastal? No Local? No Playa? No Flood risk type: Riverine? Yes Other? No Farm/Ranch land impacted (acres) 3 Roadway(s) impacted (length) 45 Number of low water crossings 0 Historical road closures **Estimated Cost and Funding Availability Total Cost** \$56,000 Amount of Available Funding 5,600 Federal funding availability Yes

Funding source Local, State





Regional view of FME area



| | | | | TC-2 Tributary 4 |
|------|-------------|------------|------------|------------------|
| | Floodniain | Manning | Indates of | I(-) Iributary / |
| | 1 loouplain | iviapping. | Opuales of | |
| IIUC | | 11 0 | | , |

ID# 031000496

Sponsor (name of entity, not person) Flower Mound

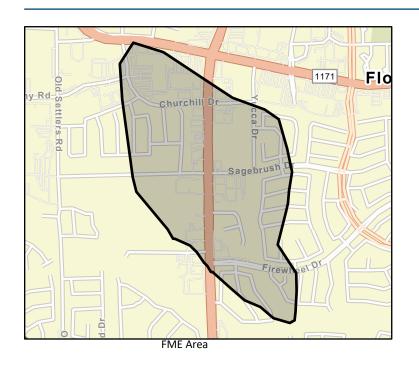
RFPG recommend? Yes

Reason for Recommendation

Action aligns with goals and meets TWDB guidance

Study Details Study type Watershed Planning Study description Floodplain mapping of TC-2 Tributary 4 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR. New Hydrologic or Hydraulic model? Yes Existing/Anticipated models in near term? No Emergency Need? No 120301031002 County Denton Watershed HUC# (if known) Drainage area (Square miles, est.) 0 Goal(s) 03000005, 03000006, 03000009, 03000010 **100-Year Flood Risk Summary** Critical facilities 57 Population at risk 2,085 # of structures 484 Coastal? No Local? No Playa? No Flood risk type: Riverine? Yes Other? No Farm/Ranch land impacted (acres) 11 Roadway(s) impacted (length) 31 Number of low water crossings 0 Historical road closures _ **Estimated Cost and Funding Availability**

| Total Cost | \$56,000 | Amount of Available Funding | 5,600 | Federal funding availability | Yes |
|----------------|--------------|-----------------------------|-------|------------------------------|-----|
| Funding source | Local, State | | | | |





Regional view of FME area

| Title Floodplain Mapping Updates of Timber Creek Tributary 9 | | | | | S RINI Y | | | | |
|--|-----------------------|------------|------------------------|----------------------|-----------------|------------------|------------|--------------|-------------|
| The coordinates | | | | | REGION | IAL FLO | ODP | LANNIN | IG GROUP |
| ID# 031000497 | | | | | | | | | |
| Sponsor (name o | f entity, not person) | Flower Mo | ound | | | | | | |
| RFPG recommen | d? Yes | Reason | for Recommendation | Action aligns with | n goals and me | ets TWDB gu | idance | | |
| | | | | | | | | | |
| Study Details | | | | | | | | | |
| Study type | Watershed Plannir | ng | | | | | | | |
| | | - | r Creek Tributary 9 to | establish base flood | elevations in c | order to conve | ert Zone A | A to Zone AE | via a LOMR. |
| | | | | | | | | | |
| | | | | | | | | | |
| New Hydrologic | or Hydraulic model? | Yes | Emergency N | leed? No | Existin | g/Anticipated | models | in near term | I? No |
| County Denton | | | Watershed HUC# | # (if known) 12030 | 1031001,1203 | 01031002 | | | |
| Drainage area (So | quare miles, est.) 0 | | Goal(s) | 03000005, 0300000 | 6, 03000009, (| 03000010 | | | |
| | | | | | | | | | |
| 100-Year Flood | d Risk Summary | | | | | | | | |
| Population at risk | 483 | | # of structures | 248 | | Critical facilit | ies 27 | | |
| Flood risk type: | Riverine? Yes | | Coastal? No | Local? No | Playa? | No | Other? | No | |
| Farm/Ranch land | impacted (acres) 1 | | | Roadway(s) impa | cted (length) | 15 | | | |
| Number of low w | vater crossings 0 | | | Historical road clo | osures | - | | | |
| | | | | | | | | | |
| Estimated Cos | t and Funding Av | ailability | | | | | | | |
| Total Cost | \$56,000 | Am | ount of Available Fund | ing 5,600 | Fe | deral funding | availabi | lity Yes | |
| Funding source | Local, State | | | | | | | | |

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