

Flood Management Evaluation (FME)



Title **River Road (Lakeview Blvd – Loop 337)**

ID# **111000150**

Sponsor (name of entity, not person) **New Braunfels (Municipality)**

RFPG recommend? **-** Reason for Recommendation **-**

Study Details

Study type **Project Planning**

Study description **Improve low water crossing access and multimodal connectivity. Includes a hydraulic bridge structure to improve access over the floodplain and the intersection at Lakeview Blvd. Possible coordination with Blieders Creek/German Creek Drainage Project.**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Comal** Watershed HUC# (if known) **12100202**

Drainage area (Square miles, est.) **7** Goal(s) **11000001**

100-Year Flood Risk Summary

Population at risk **434** # of structures **93** Critical facilities **2**

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

Farm/Ranch land impacted (acres) **161** Roadway(s) impacted (length) **2**

Number of low water crossings **6** Historical road closures **-**

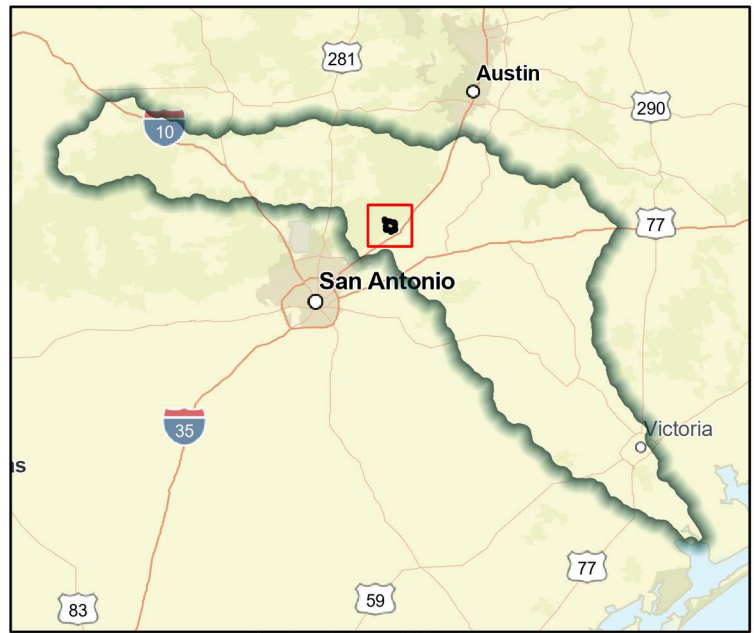
Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **TBD** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Caldwell County Plum Creek Near US 183 and I-10 Intersection**

ID# **111000152**

Sponsor (name of entity, not person) **Caldwell (County)**

RFPG recommend? **-** Reason for Recommendation **-**

Study Details

Study type **Project Planning**

Study description **Evaluate projects to mitigate residential and commercial flooding on Plum Creek with consideration of influence from San Marcos River**

New Hydrologic or Hydraulic model? **No** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Gonzales,Guadalupe,Caldwell** Watershed HUC# (if known) **12100203**

Drainage area (Square miles, est.) **1** Goal(s) **11000009**

100-Year Flood Risk Summary

Population at risk **223** # of structures **95** Critical facilities **0**

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

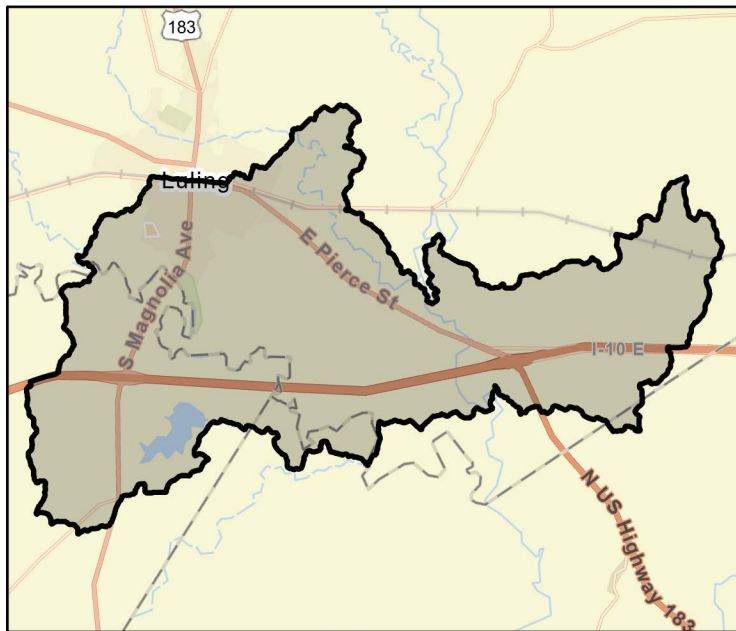
Farm/Ranch land impacted (acres) **2,642** Roadway(s) impacted (length) **10**

Number of low water crossings **2** Historical road closures **-**

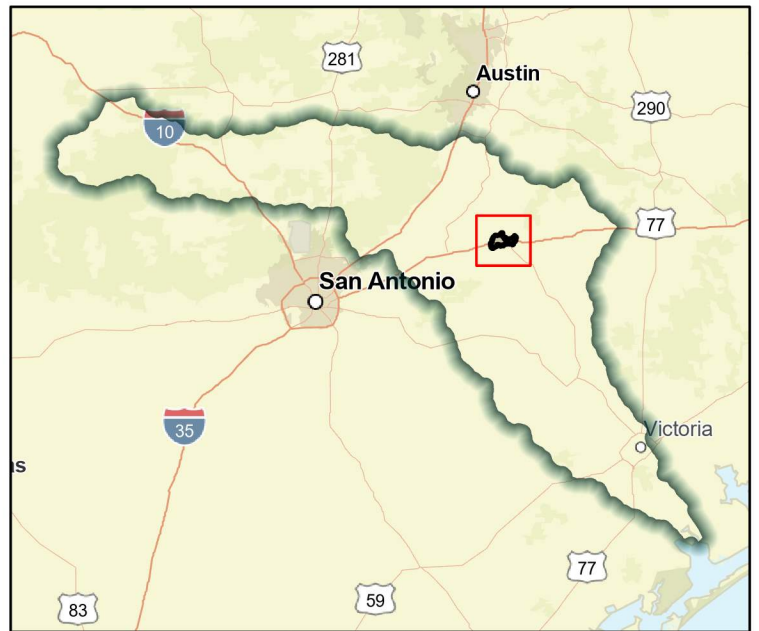
Estimated Cost and Funding Availability

Total Cost **\$60,000** Amount of Available Funding **TBD** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Caldwell County FM 1322 @ Plum Creek**

ID# **111000153**

Sponsor (name of entity, not person) **Caldwell (County)**

RFPG recommend? **-** Reason for Recommendation **-**

Study Details

Study type **Project Planning**

Study description **Evaluate bridge and roadway upgrades on FM 1322 to improve level-of-service**

New Hydrologic or Hydraulic model? **No** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Caldwell** Watershed HUC# (if known) **12100203**

Drainage area (Square miles, est.) **5** Goal(s) **11000001**

100-Year Flood Risk Summary

Population at risk **2** # of structures **2** Critical facilities **0**

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

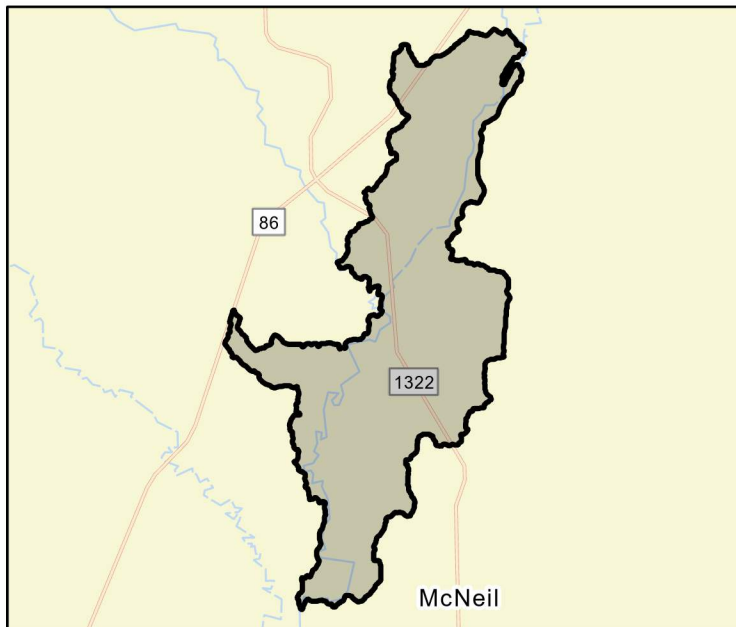
Farm/Ranch land impacted (acres) **1,256** Roadway(s) impacted (length) **2**

Number of low water crossings **1** Historical road closures **-**

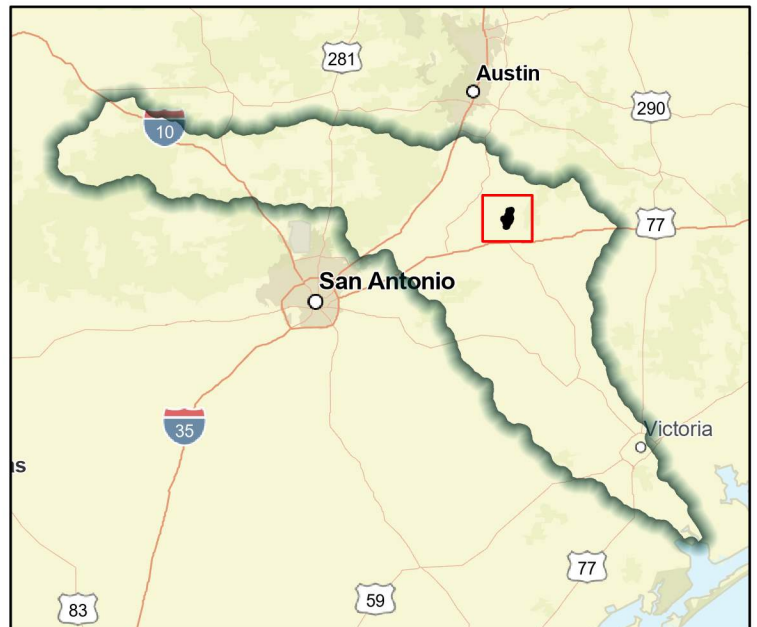
Estimated Cost and Funding Availability

Total Cost **\$50,000** Amount of Available Funding **TBD** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Caldwell County CR 146 @ Plum Creek**

ID# **111000154**

Sponsor (name of entity, not person) **Caldwell (County)**

RFPG recommend? **-** Reason for Recommendation **-**

Study Details

Study type **Project Planning**

Study description **Evaluate bridge, low-water crossing, and roadway upgrades on CR 146 to improve level-of-service**

New Hydrologic or Hydraulic model? **No** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Caldwell** Watershed HUC# (if known) **12100203**

Drainage area (Square miles, est.) **10** Goal(s) **11000001**

100-Year Flood Risk Summary

Population at risk **0** # of structures **0** Critical facilities **0**

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

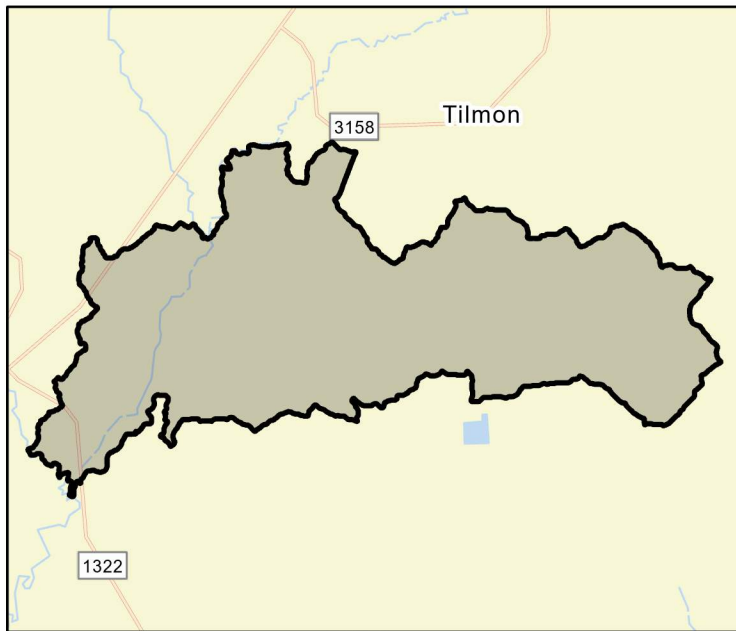
Farm/Ranch land impacted (acres) **1,265** Roadway(s) impacted (length) **2**

Number of low water crossings **1** Historical road closures **-**

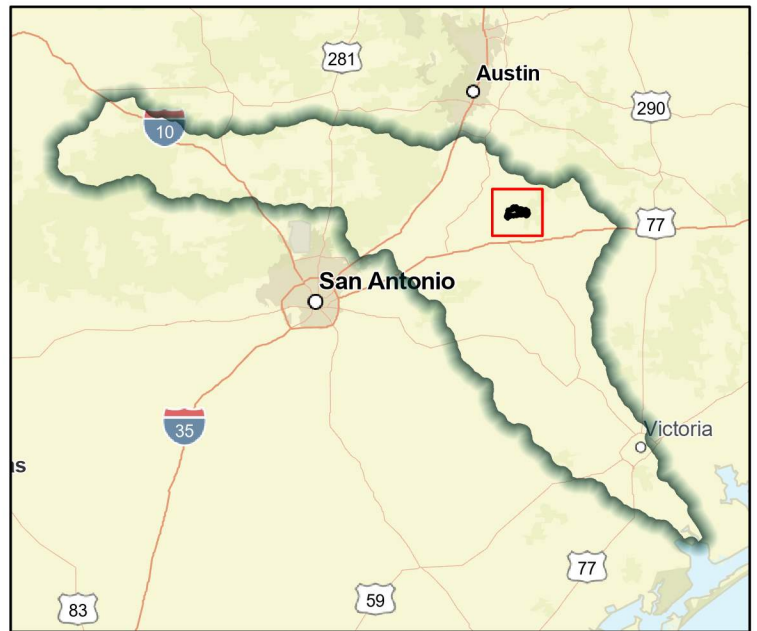
Estimated Cost and Funding Availability

Total Cost **\$50,000** Amount of Available Funding **TBD** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Caldwell County CR 230 @ Clear Fork Plum Creek**

ID# **111000155**

Sponsor (name of entity, not person) **Caldwell (County)**

RFPG recommend? **-** Reason for Recommendation **-**

Study Details

Study type **Project Planning**

Study description **Evaluate low-water crossing and roadway upgrades on CR 230 to improve level-of-service**

New Hydrologic or Hydraulic model? **No** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Caldwell,Hays** Watershed HUC# (if known) **12100203**

Drainage area (Square miles, est.) **16** Goal(s) **11000001**

100-Year Flood Risk Summary

Population at risk **33** # of structures **14** Critical facilities **0**

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

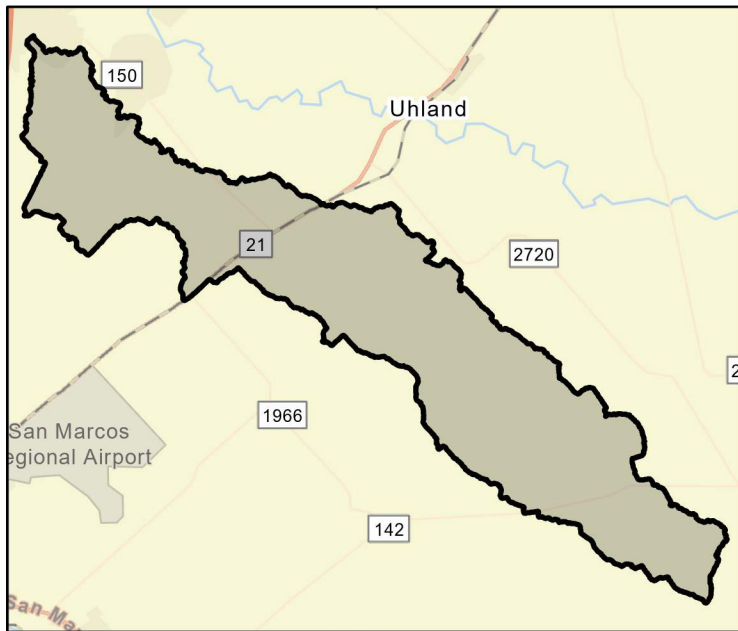
Farm/Ranch land impacted (acres) **865** Roadway(s) impacted (length) **1**

Number of low water crossings **3** Historical road closures **-**

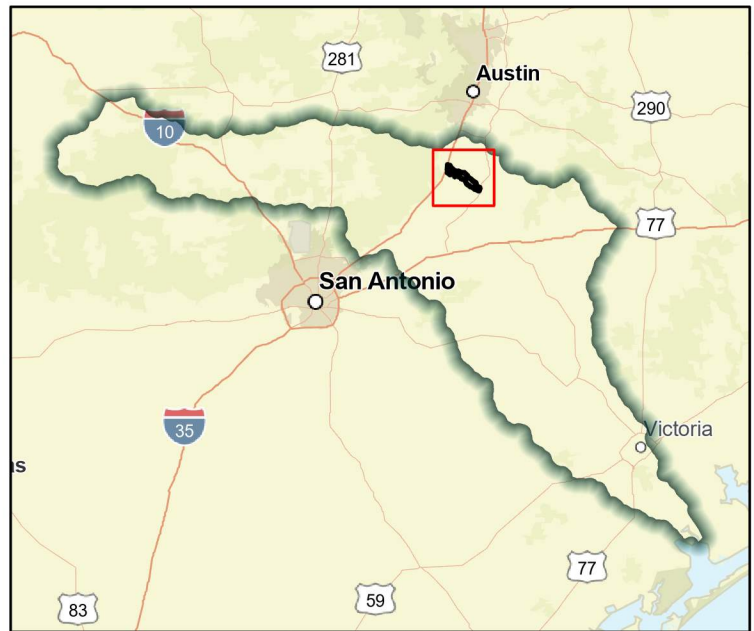
Estimated Cost and Funding Availability

Total Cost **\$50,000** Amount of Available Funding **TBD** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Caldwell County CR 159 @ Spanish Oak Creek**

ID# **111000156**

Sponsor (name of entity, not person) **Caldwell (County)**

RFPG recommend? **-** Reason for Recommendation **-**

Study Details

Study type **Project Planning**

Study description **Assess local drainage conditions at CR 230 and evaluate low-water crossing upgrades with consideration of backwater from NRCS Site 24**

New Hydrologic or Hydraulic model? **No** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Caldwell** Watershed HUC# (if known) **12100203**

Drainage area (Square miles, est.) **3** Goal(s) **11000001**

100-Year Flood Risk Summary

Population at risk **2** # of structures **2** Critical facilities **0**

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

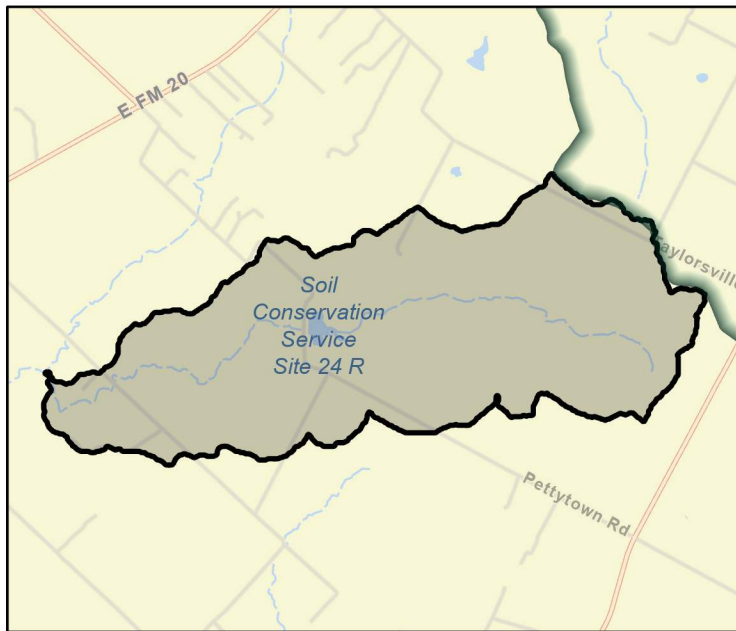
Farm/Ranch land impacted (acres) **144** Roadway(s) impacted (length) **0**

Number of low water crossings **0** Historical road closures **-**

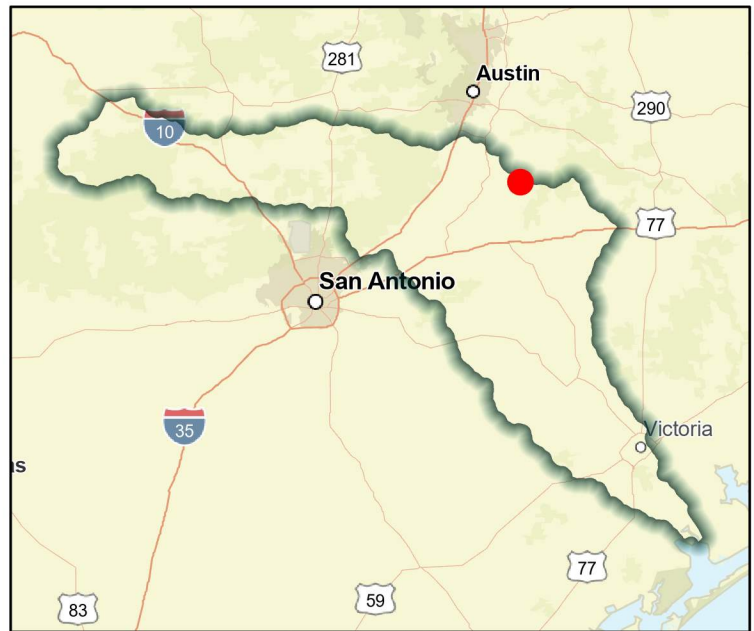
Estimated Cost and Funding Availability

Total Cost **\$50,000** Amount of Available Funding **TBD** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Caldwell County Cowpen Creek Near Dove Hill Drive**

ID# **111000157**

Sponsor (name of entity, not person) **Caldwell (County)**

RFPG recommend? **-** Reason for Recommendation **-**

Study Details

Study type **Project Planning**

Study description **Evaluate projects to mitigate residential flooding on Cowpen Creek near Dove Hill Drive**

New Hydrologic or Hydraulic model? **No** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Caldwell,Hays,Travis** Watershed HUC# (if known) **12100203**

Drainage area (Square miles, est.) **10** Goal(s) **11000009**

100-Year Flood Risk Summary

Population at risk **46** # of structures **23** Critical facilities **0**

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

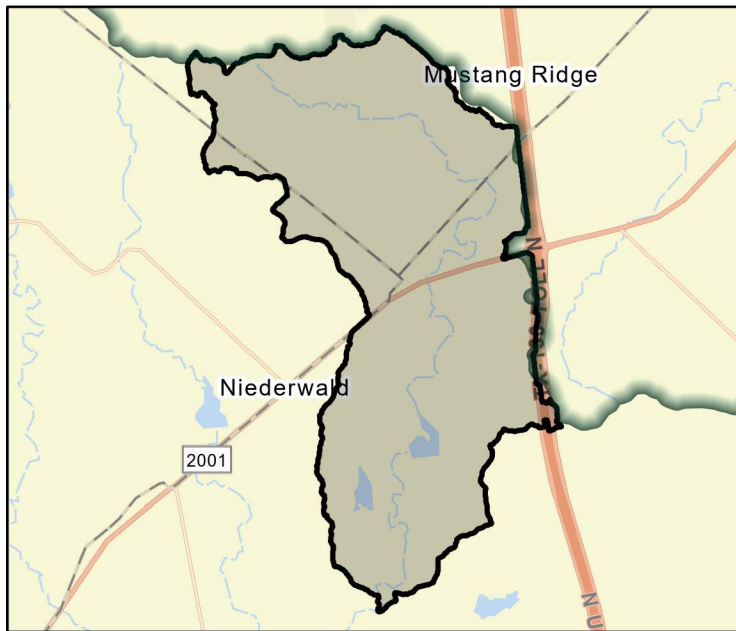
Farm/Ranch land impacted (acres) **563** Roadway(s) impacted (length) **1**

Number of low water crossings **2** Historical road closures **-**

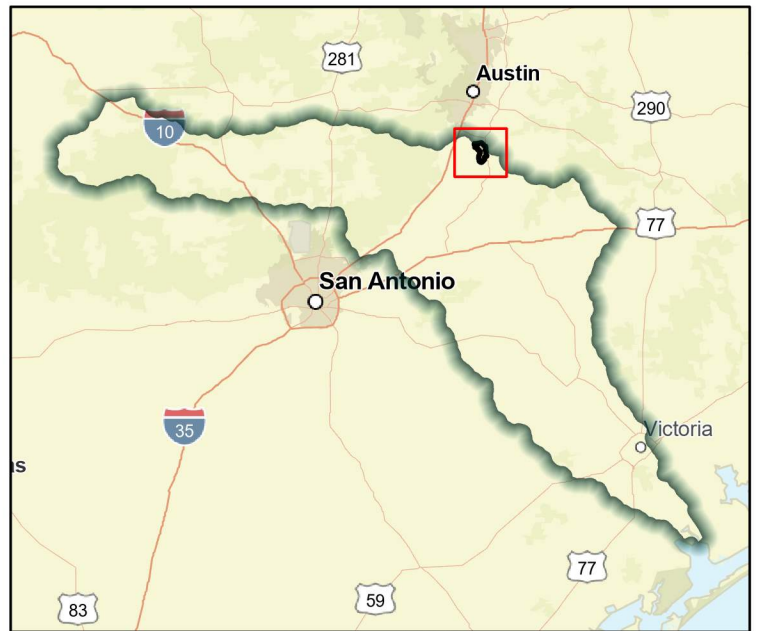
Estimated Cost and Funding Availability

Total Cost **\$50,000** Amount of Available Funding **TBD** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Caldwell County CR 221 and CR 233 @ Elm Creek**

ID# **111000158**

Sponsor (name of entity, not person) **Caldwell (County)**

RFPG recommend? **-** Reason for Recommendation **-**

Study Details

Study type **Project Planning**

Study description **Evaluate low-water crossing and roadway upgrades at intersection of CR 221 and CR 233 to improve level-of-service**

New Hydrologic or Hydraulic model? **No** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Caldwell** Watershed HUC# (if known) **12100203**

Drainage area (Square miles, est.) **8** Goal(s) **11000001**

100-Year Flood Risk Summary

Population at risk **4** # of structures **2** Critical facilities **0**

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

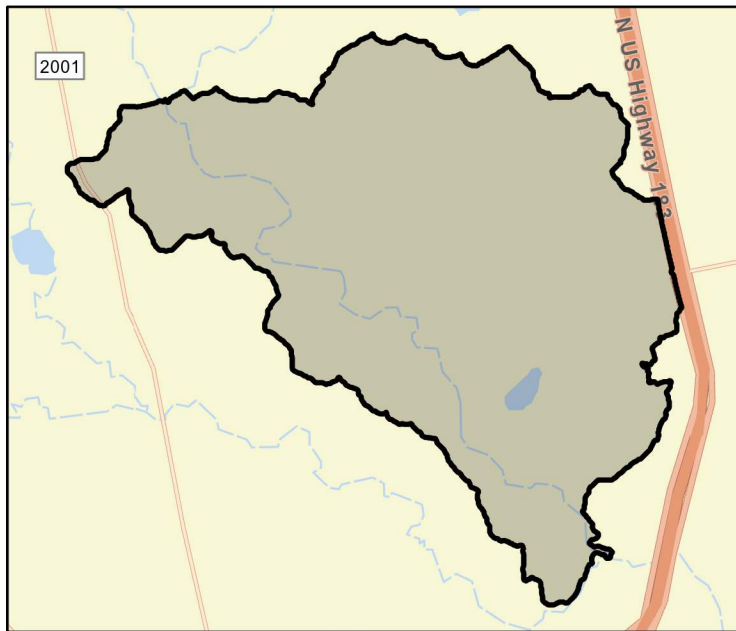
Farm/Ranch land impacted (acres) **658** Roadway(s) impacted (length) **1**

Number of low water crossings **1** Historical road closures **-**

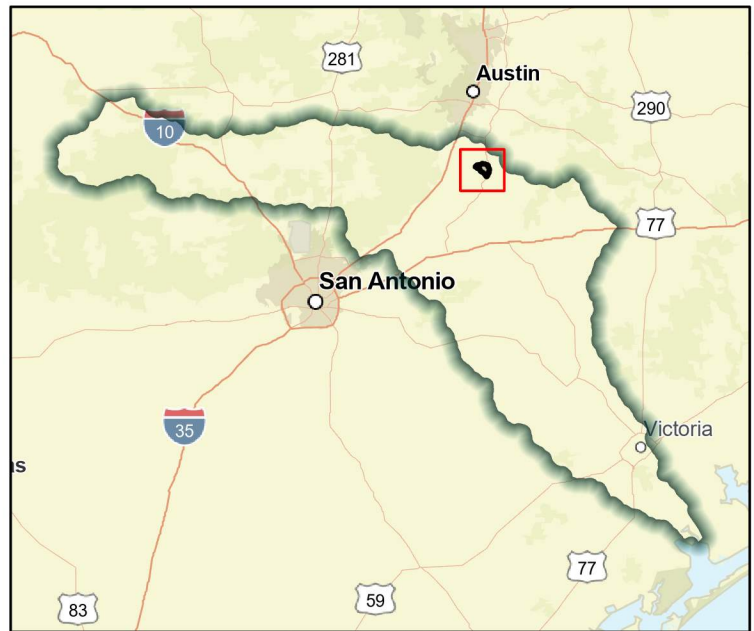
Estimated Cost and Funding Availability

Total Cost **\$50,000** Amount of Available Funding **TBD** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Caldwell County McMahan VFD @ Tenney Creek**

ID# **111000159**

Sponsor (name of entity, not person) **Caldwell (County)**

RFPG recommend? **-** Reason for Recommendation **-**

Study Details

Study type **Project Planning**

Study description **Evaluate projects to mitigate flooding at critical facility**

New Hydrologic or Hydraulic model? **No** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Caldwell** Watershed HUC# (if known) **12100203**

Drainage area (Square miles, est.) **1** Goal(s) **11000009**

100-Year Flood Risk Summary

Population at risk **16** # of structures **11** Critical facilities **1**

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

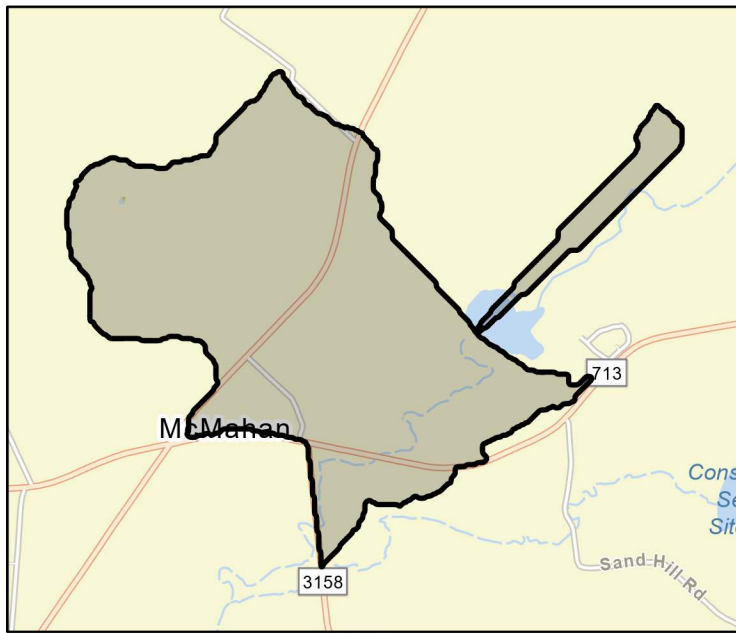
Farm/Ranch land impacted (acres) **80** Roadway(s) impacted (length) **0**

Number of low water crossings **1** Historical road closures **-**

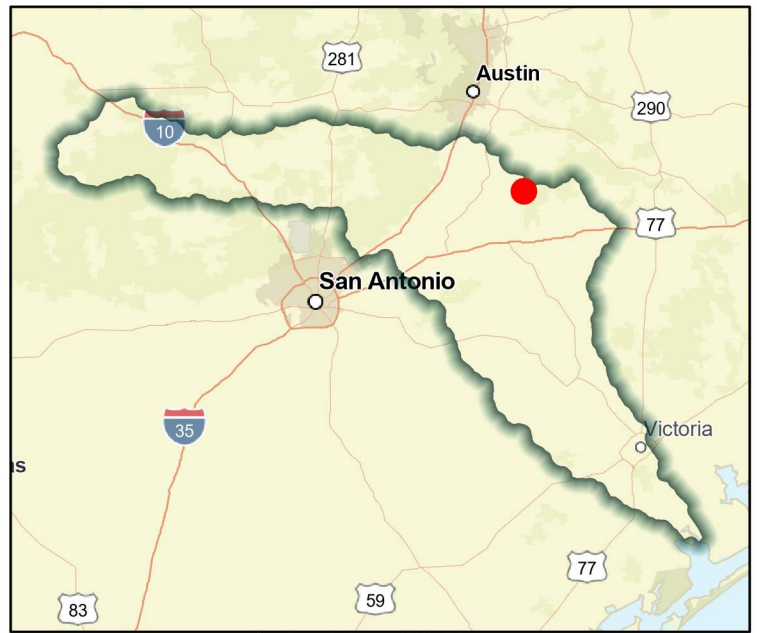
Estimated Cost and Funding Availability

Total Cost **\$50,000** Amount of Available Funding **TBD** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Caldwell County Rolling Oaks @ Ebbon Road**

ID# **111000160**

Sponsor (name of entity, not person) **Caldwell (County)**

RFPG recommend? **-** Reason for Recommendation **-**

Study Details

Study type **Project Planning**

Study description **Assess local drainage conditions on Rolling Oaks Drive and evaluate projects to address nuisance flooding**

New Hydrologic or Hydraulic model? **No** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Caldwell** Watershed HUC# (if known) **12100203**

Drainage area (Square miles, est.) **1** Goal(s) **11000009**

100-Year Flood Risk Summary

Population at risk **0** # of structures **0** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **260** Roadway(s) impacted (length) **1**

Number of low water crossings **0** Historical road closures **-**

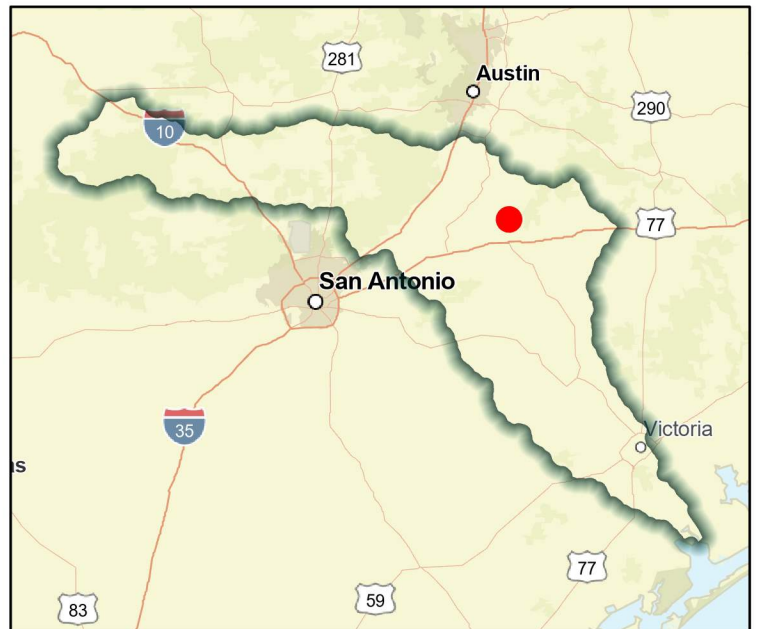
Estimated Cost and Funding Availability

Total Cost **\$50,000** Amount of Available Funding **TBD** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Caldwell County Hemphill Creek Between SH 142 and SH 80**

ID# **111000161**

Sponsor (name of entity, not person) **Caldwell (County)**

RFPG recommend? **-** Reason for Recommendation **-**

Study Details

Study type **Project Planning**

Study description **Evaluate projects to mitigate residential flooding on Hemphill Creek with consideration of influence from San Marcos River**

New Hydrologic or Hydraulic model? **No** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Guadalupe,Caldwell,Hays** Watershed HUC# (if known) **12100203**

Drainage area (Square miles, est.) **23** Goal(s) **11000009**

100-Year Flood Risk Summary

Population at risk **1,189** # of structures **410** Critical facilities **1**

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

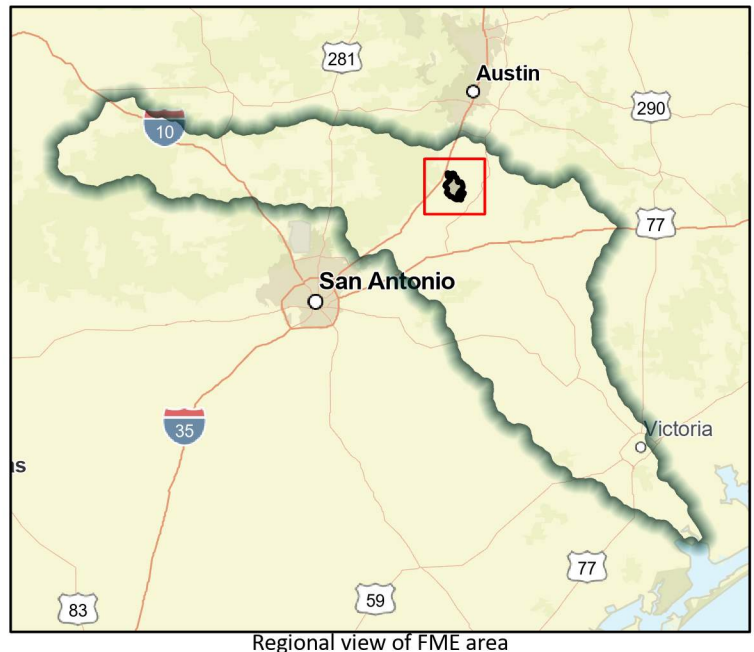
Farm/Ranch land impacted (acres) **921** Roadway(s) impacted (length) **8**

Number of low water crossings **5** Historical road closures **-**

Estimated Cost and Funding Availability

Total Cost **\$50,000** Amount of Available Funding **TBD** Federal funding availability **No**

Funding source **-**



Flood Management Evaluation (FME)



Title **Caldwell County Dickerson Creek Near CR 111**

ID# **111000162**

Sponsor (name of entity, not person) **Caldwell (County)**

RFPG recommend? **-** Reason for Recommendation **-**

Study Details

Study type **Project Planning**

Study description **Evaluate projects to mitigate residential flooding on Dickerson Creek with consideration of influence from San Marcos River**

New Hydrologic or Hydraulic model? **No** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Caldwell** Watershed HUC# (if known) **12100203**

Drainage area (Square miles, est.) **12** Goal(s) **11000009**

100-Year Flood Risk Summary

Population at risk **25** # of structures **12** Critical facilities **0**

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

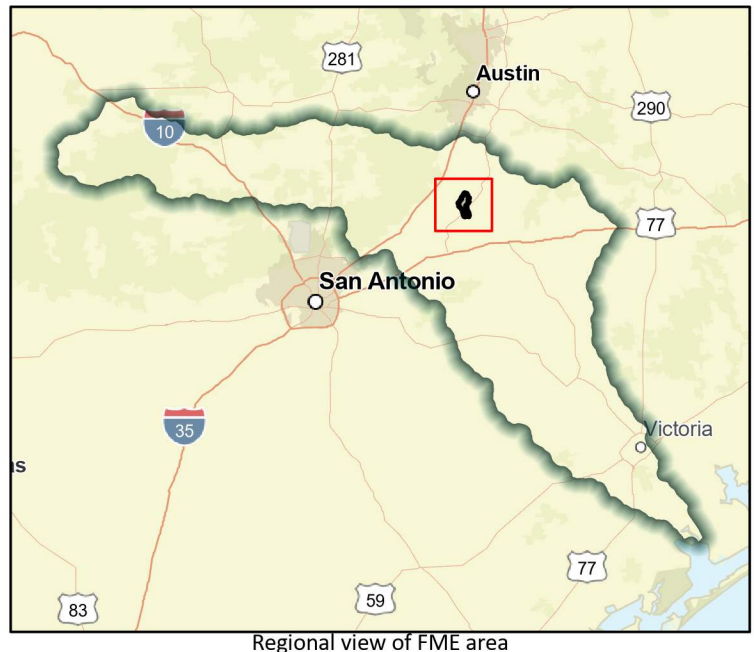
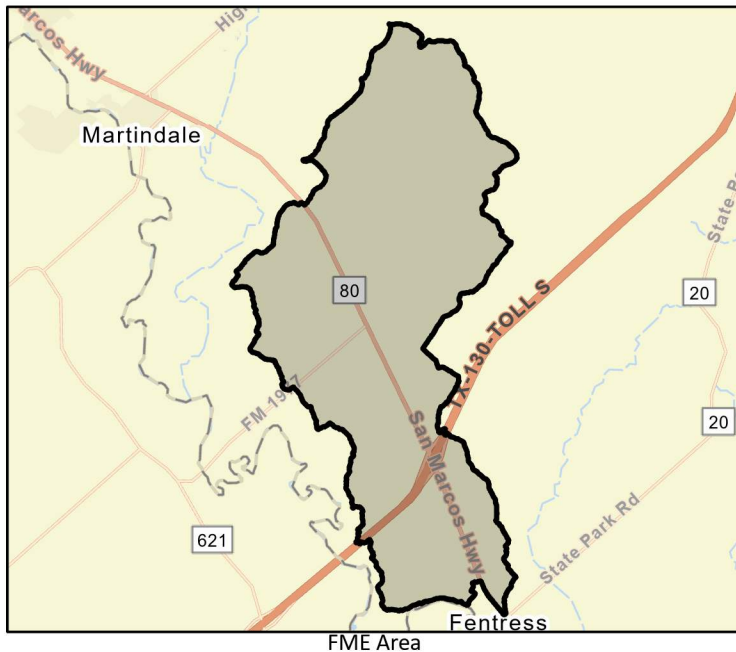
Farm/Ranch land impacted (acres) **1,394** Roadway(s) impacted (length) **4**

Number of low water crossings **0** Historical road closures **-**

Estimated Cost and Funding Availability

Total Cost **\$50,000** Amount of Available Funding **TBD** Federal funding availability **No**

Funding source **-**



Flood Management Evaluation (FME)



Title **Caldwell County CR 103 @ Morrison Creek**

ID# **111000163**

Sponsor (name of entity, not person) **Caldwell (County)**

RFPG recommend? **-** Reason for Recommendation **-**

Study Details

Study type **Project Planning**

Study description **Evaluate upgrades to low water crossing on Morrison Creek with consideration of influence from San Marcos River**

New Hydrologic or Hydraulic model? **No** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Caldwell** Watershed HUC# (if known) **12100203**

Drainage area (Square miles, est.) **2** Goal(s) **11000001**

100-Year Flood Risk Summary

Population at risk **32** # of structures **12** Critical facilities **0**

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

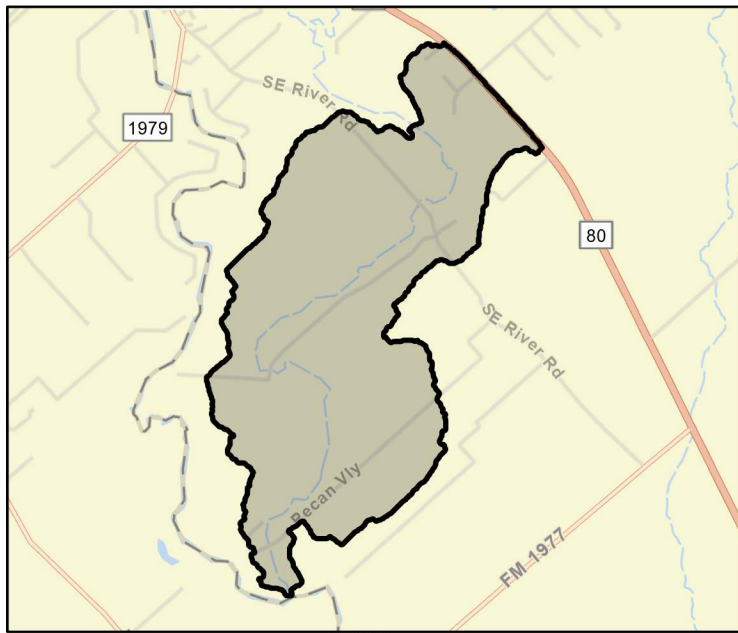
Farm/Ranch land impacted (acres) **763** Roadway(s) impacted (length) **1**

Number of low water crossings **1** Historical road closures **-**

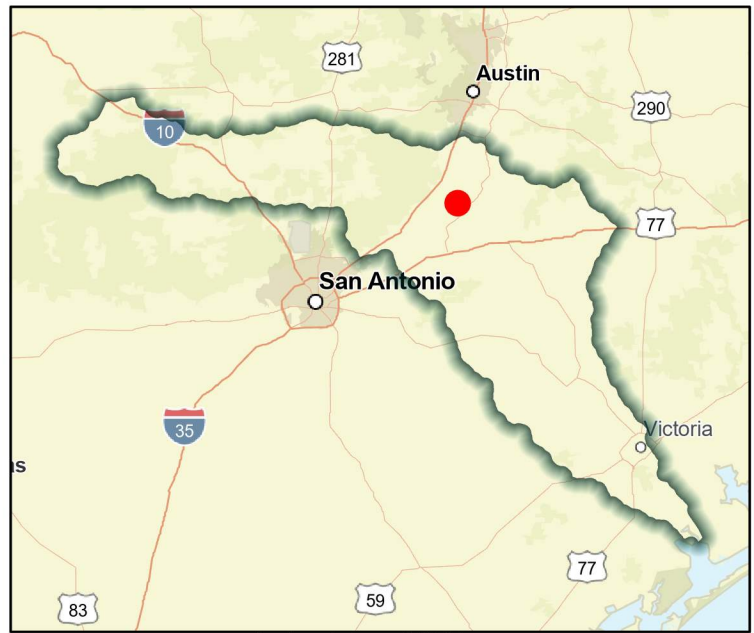
Estimated Cost and Funding Availability

Total Cost **\$50,000** Amount of Available Funding **TBD** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Caldwell County FEWS**

ID# **111000164**

Sponsor (name of entity, not person) **Caldwell (County)**

RFPG recommend? **-** Reason for Recommendation **-**

Study Details

Study type **Preparedness**

Study description **Study of Flood Early Warning System**

New Hydrologic or Hydraulic model? **No** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Caldwell** Watershed HUC# (if known) **12100202,12100203**

Drainage area (Square miles, est.) **545** Goal(s) **11000009**

100-Year Flood Risk Summary

Population at risk **2,190** # of structures **937** Critical facilities **7**

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

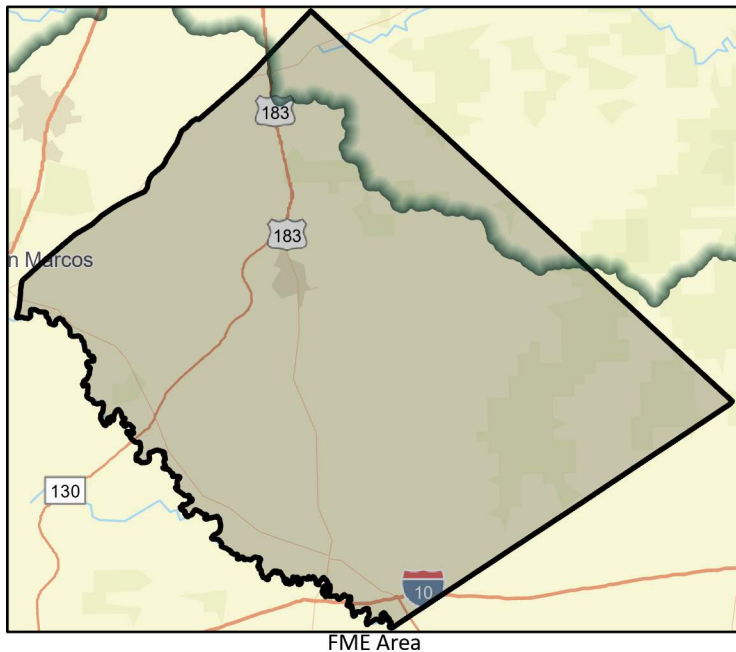
Farm/Ranch land impacted (acres) **35,719** Roadway(s) impacted (length) **71**

Number of low water crossings **40** Historical road closures **-**

Estimated Cost and Funding Availability

Total Cost **\$50,000** Amount of Available Funding **TBD** Federal funding availability **No**

Funding source **-**



Flood Management Evaluation (FME)



Title **Caldwell County CR 208 @ Plum Creek**

ID# **111000165**

Sponsor (name of entity, not person) **Caldwell (County)**

RFPG recommend? **-** Reason for Recommendation **-**

Study Details

Study type **Project Planning**

Study description **Evaluate low-water crossing and roadway upgrades on CR 208 to improve level-of-service**

New Hydrologic or Hydraulic model? **No** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Caldwell** Watershed HUC# (if known) **12100203**

Drainage area (Square miles, est.) **12** Goal(s) **11000001**

100-Year Flood Risk Summary

Population at risk **34** # of structures **12** Critical facilities **0**

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

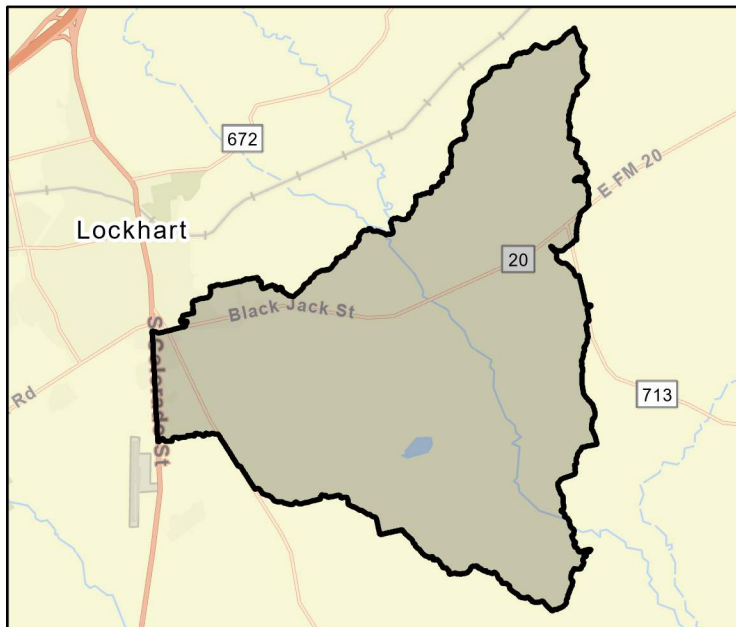
Farm/Ranch land impacted (acres) **1,219** Roadway(s) impacted (length) **1**

Number of low water crossings **0** Historical road closures **-**

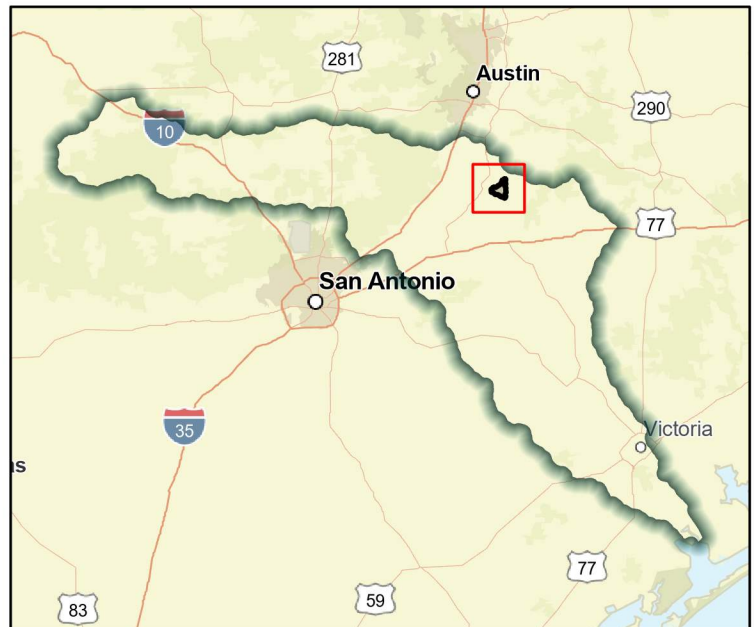
Estimated Cost and Funding Availability

Total Cost **\$50,000** Amount of Available Funding **TBD** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Caldwell County Mebane Creek Channel Improvements**

ID# **111000166**

Sponsor (name of entity, not person) **Caldwell (County)**

RFPG recommend? **-** Reason for Recommendation **-**

Study Details

Study type **Project Planning**

Study description **Evaluate channel improvements discussed in GBRA Interim Feasibility Study Phase II to mitigate residential flooding upstream of Clear Fork St.**

New Hydrologic or Hydraulic model? **No** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Caldwell** Watershed HUC# (if known) **12100203**

Drainage area (Square miles, est.) **13** Goal(s) **11000009**

100-Year Flood Risk Summary

Population at risk **156** # of structures **15** Critical facilities **3**

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

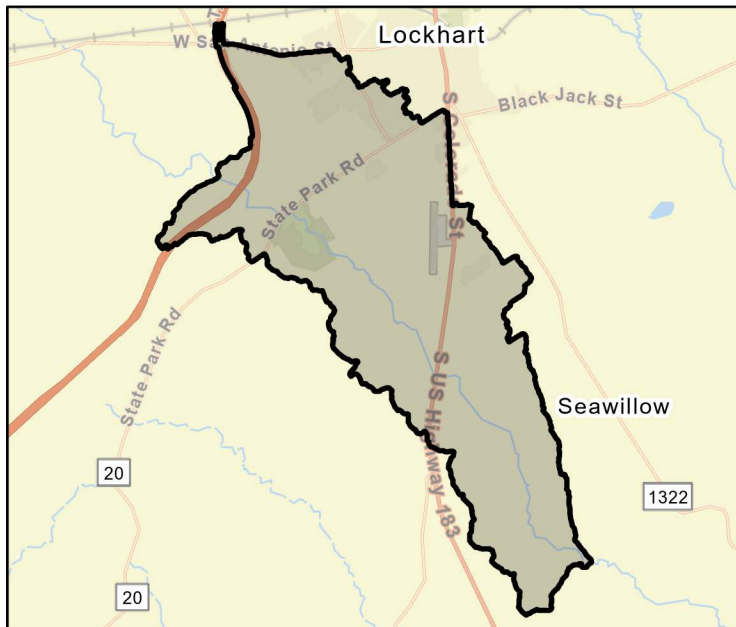
Farm/Ranch land impacted (acres) **355** Roadway(s) impacted (length) **3**

Number of low water crossings **1** Historical road closures **-**

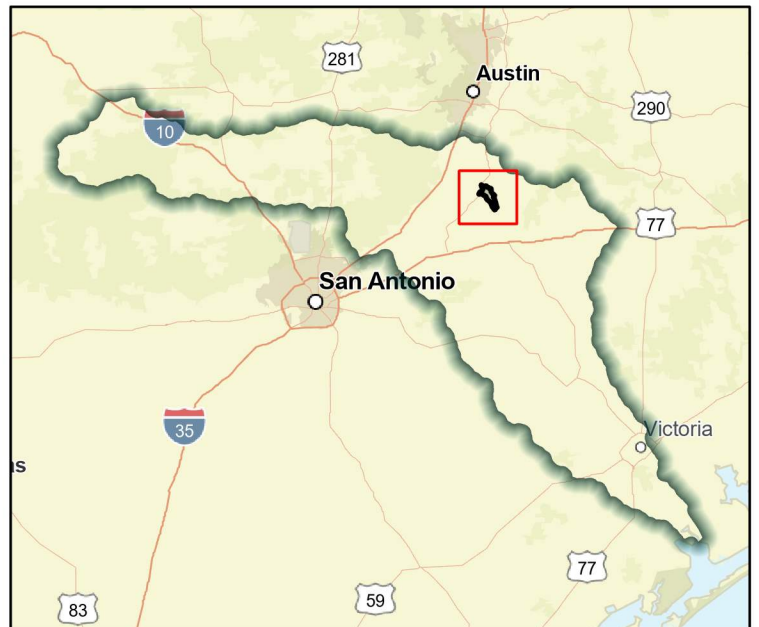
Estimated Cost and Funding Availability

Total Cost **\$50,000** Amount of Available Funding **TBD** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Caldwell County Mebane Creek Floodwall**

ID# **111000167**

Sponsor (name of entity, not person) **Caldwell (County)**

RFPG recommend? **-** Reason for Recommendation **-**

Study Details

Study type **Project Planning**

Study description **Evaluate floodwall alternative discussed in GBRA Interim Feasibility Study Phase II to mitigate residential flooding along Blue Stem Dr.**

New Hydrologic or Hydraulic model? **No** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Caldwell** Watershed HUC# (if known) **12100203**

Drainage area (Square miles, est.) **13** Goal(s) **11000009**

100-Year Flood Risk Summary

Population at risk **156** # of structures **15** Critical facilities **3**

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

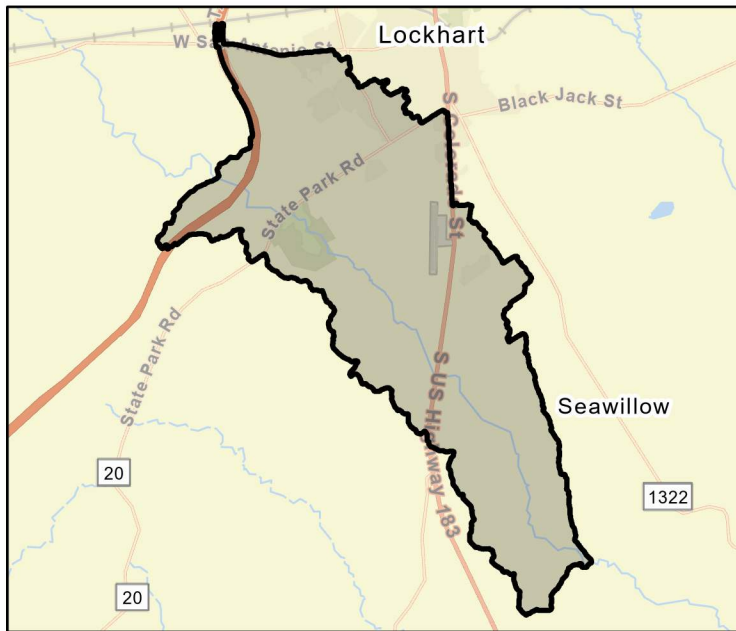
Farm/Ranch land impacted (acres) **355** Roadway(s) impacted (length) **3**

Number of low water crossings **1** Historical road closures **-**

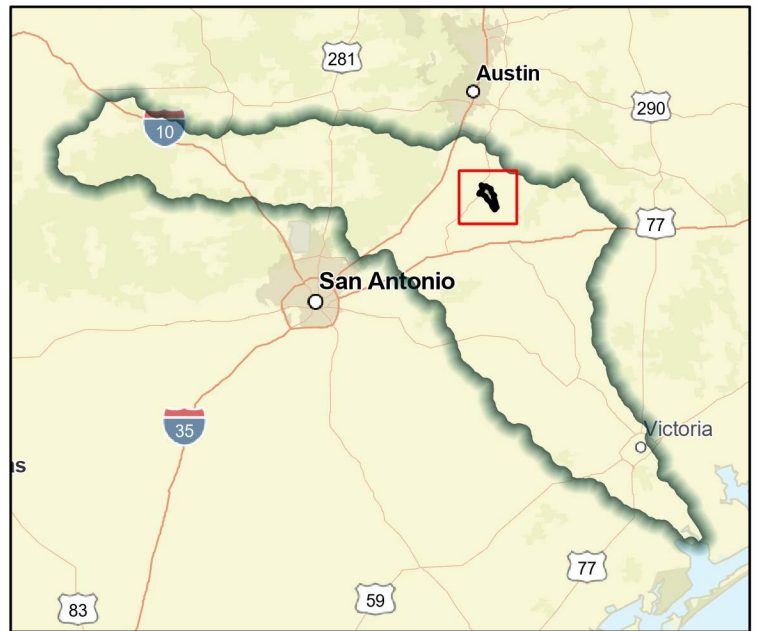
Estimated Cost and Funding Availability

Total Cost **\$50,000** Amount of Available Funding **TBD** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Caldwell County Town Branch Detention**

ID# **111000168**

Sponsor (name of entity, not person) **Caldwell (County)**

RFPG recommend? **-** Reason for Recommendation **-**

Study Details

Study type **Project Planning**

Study description **Evaluate regional detention basin alternative discussed in GBRA Interim Feasibility Study Phase II to mitigate structural flooding within Lockhart.**

New Hydrologic or Hydraulic model? **No** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Caldwell** Watershed HUC# (if known) **12100203**

Drainage area (Square miles, est.) **7** Goal(s) **11000009**

100-Year Flood Risk Summary

Population at risk **117** # of structures **48** Critical facilities **0**

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

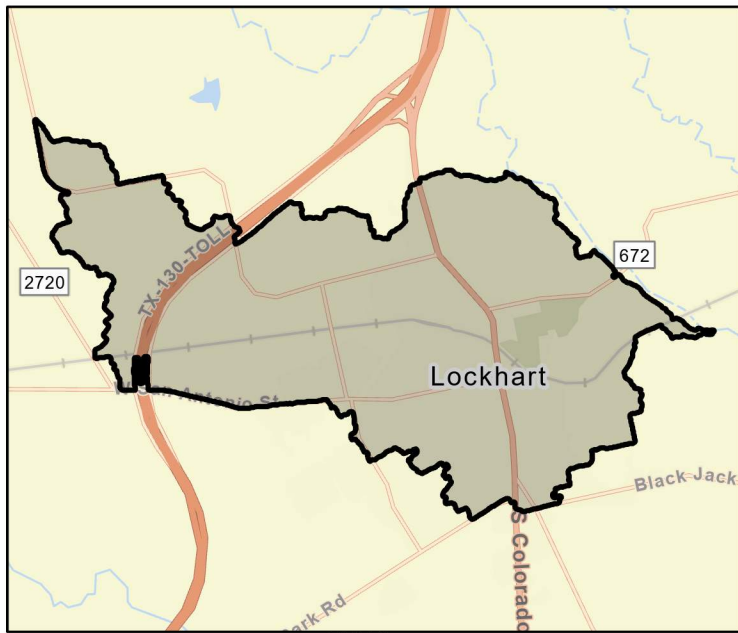
Farm/Ranch land impacted (acres) **302** Roadway(s) impacted (length) **2**

Number of low water crossings **5** Historical road closures **-**

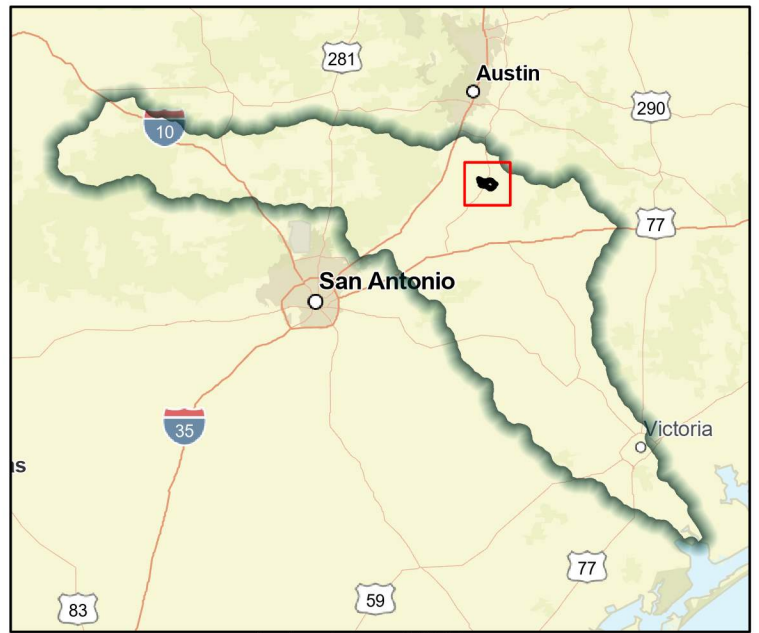
Estimated Cost and Funding Availability

Total Cost **\$60,000** Amount of Available Funding **TBD** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **City of San Marcos USACE Regional Flooding Mitigation Bypass Channel Project Planning**

ID# **111000169**

Sponsor (name of entity, not person) **San Marcos (Municipality)**

RFPG recommend? **-** Reason for Recommendation **-**

Study Details

Study type **Project Planning**

Study description **Update existing study for alternatives, preliminary engineering and design of selected alternative**

New Hydrologic or Hydraulic model? **No** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Guadalupe, Caldwell, Hays** Watershed HUC# (if known) **12100203**

Drainage area (Square miles, est.) **23** Goal(s) **11000009**

100-Year Flood Risk Summary

Population at risk **6,889** # of structures **1,330** Critical facilities **3**

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

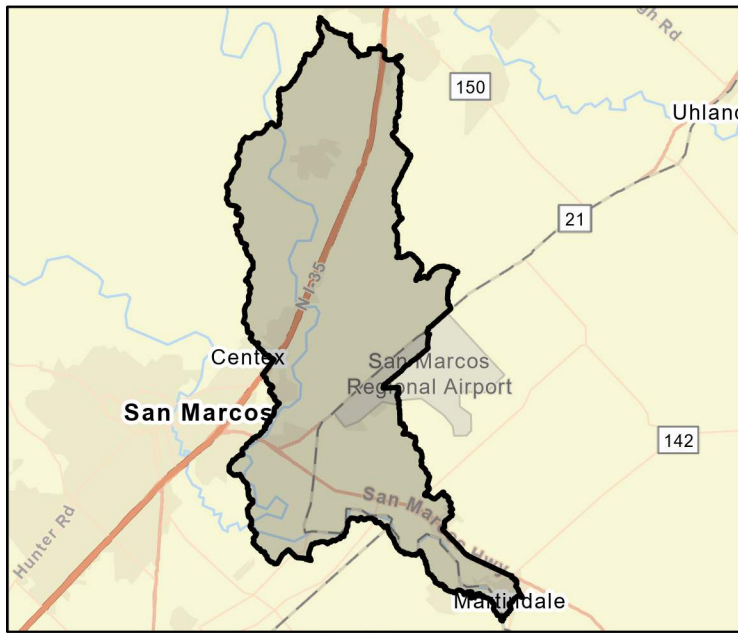
Farm/Ranch land impacted (acres) **1,112** Roadway(s) impacted (length) **30**

Number of low water crossings **12** Historical road closures **-**

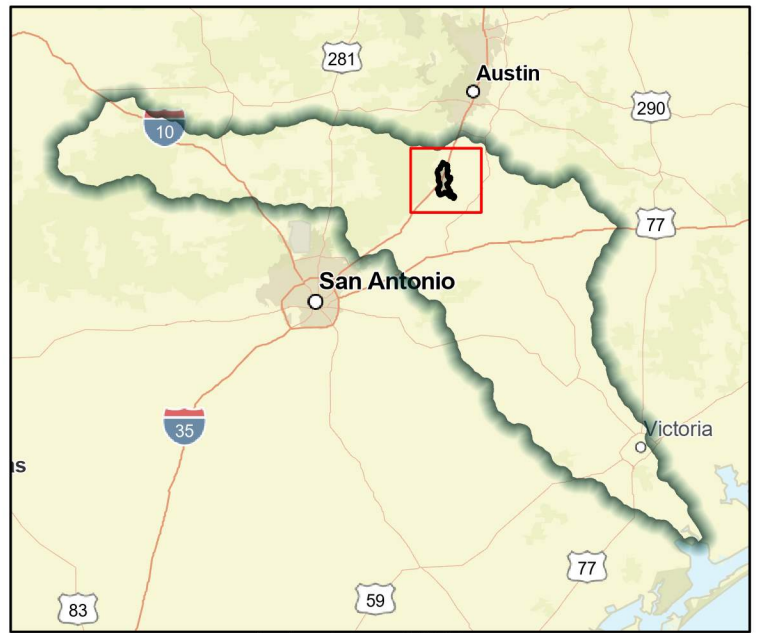
Estimated Cost and Funding Availability

Total Cost **\$740,000** Amount of Available Funding **TBD** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Guadalupe County Drainage Master Plan**

ID# **111000170**

Sponsor (name of entity, not person) **Guadalupe (County)**

RFPG recommend? **-** Reason for Recommendation **-**

Study Details

Study type **Watershed Planning**

Study description **Creation of drainage master plan for Guadalupe County, possibly in multiple phases, by watershed**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Guadalupe** Watershed HUC# (if known) **12100202,12100203**

Drainage area (Square miles, est.) **713** Goal(s) **11000009**

100-Year Flood Risk Summary

Population at risk **14,109** # of structures **5,822** Critical facilities **14**

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

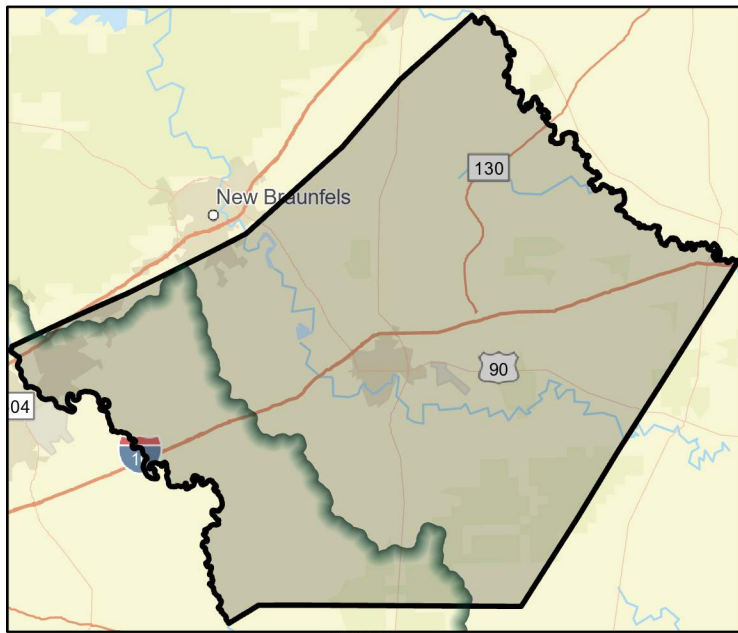
Farm/Ranch land impacted (acres) **25,477** Roadway(s) impacted (length) **117**

Number of low water crossings **130** Historical road closures **-**

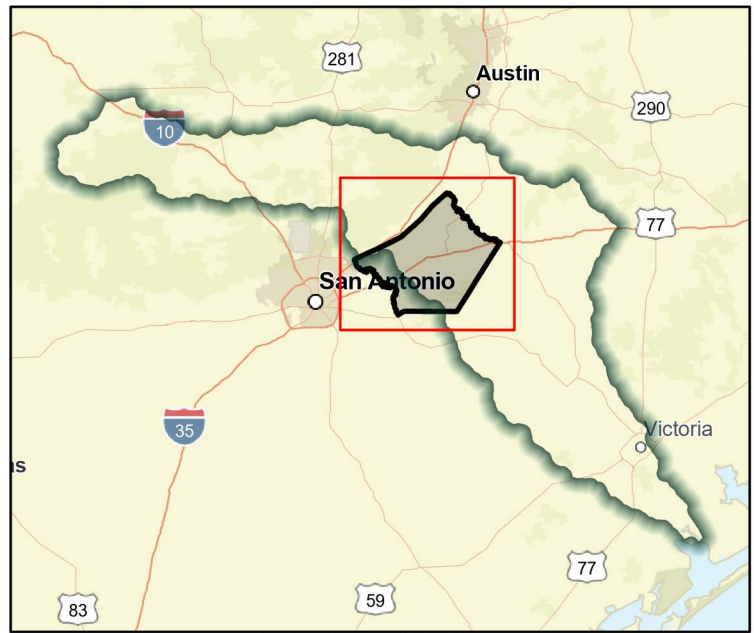
Estimated Cost and Funding Availability

Total Cost **\$2,500,000** Amount of Available Funding **TBD** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **City of San Marcos Drainage Master Plan**

ID# **111000171**

Sponsor (name of entity, not person) **San Marcos (Municipality)**

RFPG recommend? **-** Reason for Recommendation **-**

Study Details

Study type **Watershed Planning**

Study description **Creation of a drainage master Plan update for the City of San Marcos, including updates to regulations, policies, and criteria.**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Guadalupe,Caldwell,Hays** Watershed HUC# (if known) **12100203**

Drainage area (Square miles, est.) **36** Goal(s) **11000009**

100-Year Flood Risk Summary

Population at risk **12,650** # of structures **2,270** Critical facilities **14**

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

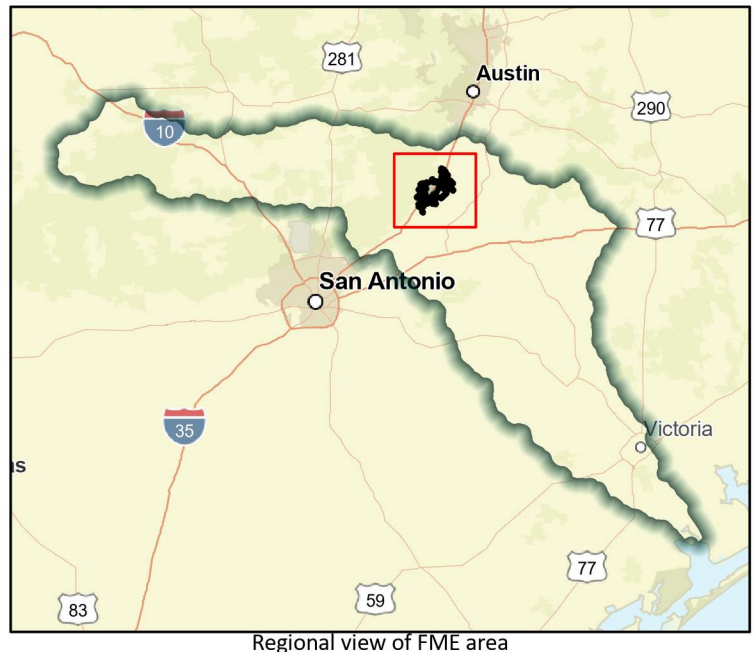
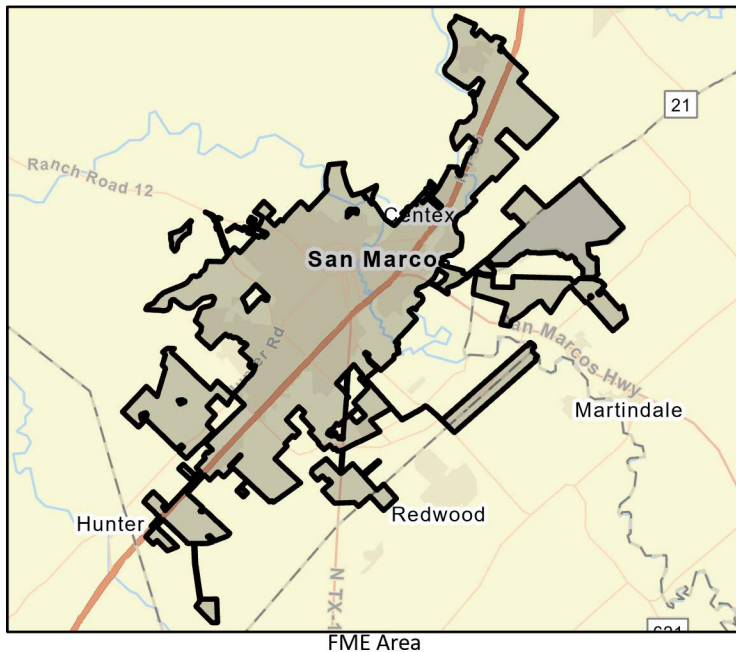
Farm/Ranch land impacted (acres) **822** Roadway(s) impacted (length) **48**

Number of low water crossings **12** Historical road closures **-**

Estimated Cost and Funding Availability

Total Cost **\$500,000** Amount of Available Funding **TBD** Federal funding availability **No**

Funding source **-**



Flood Management Evaluation (FME)



Title **City of San Marcos Atlas 14 H&H Model Updates**

ID# **111000172**

Sponsor (name of entity, not person) **San Marcos (Municipality)**

RFPG recommend? **-** Reason for Recommendation **-**

Study Details

Study type **Watershed Planning**

Study description **Development of new City-Wide (and ETJ) H&H models, using Atlas 14 rainfall data and possible evaluation of flood reduction alternatives.**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Guadalupe, Caldwell, Hays** Watershed HUC# (if known) **12100203**

Drainage area (Square miles, est.) **36** Goal(s) **11000009**

100-Year Flood Risk Summary

Population at risk **12,650** # of structures **2,270** Critical facilities **14**

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

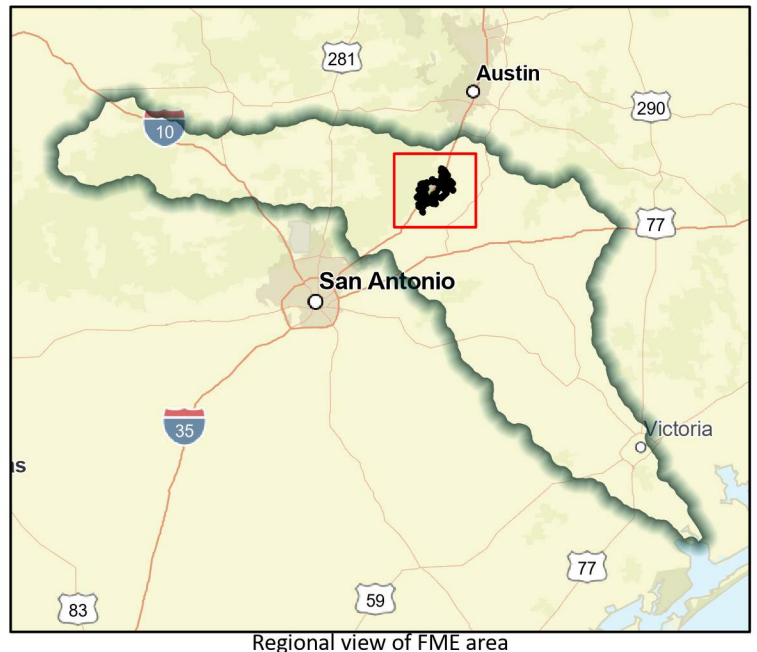
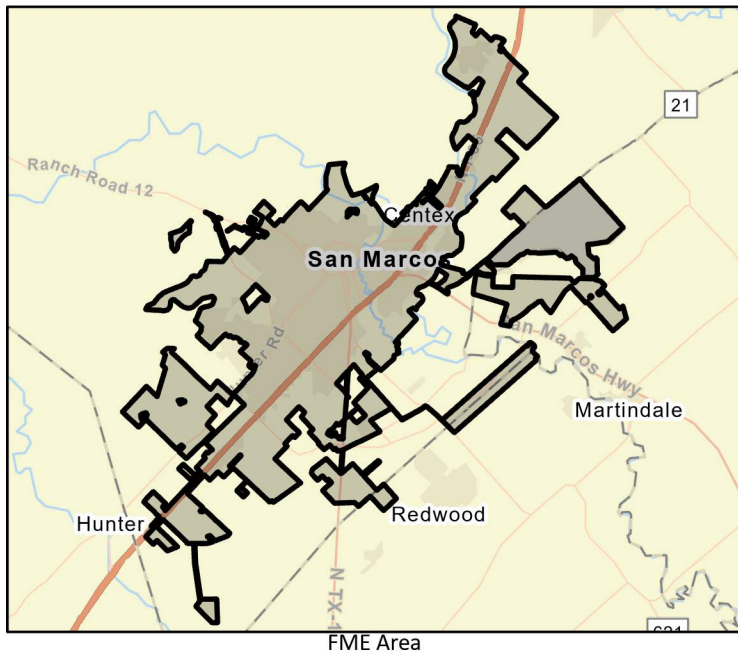
Farm/Ranch land impacted (acres) **822** Roadway(s) impacted (length) **48**

Number of low water crossings **12** Historical road closures **-**

Estimated Cost and Funding Availability

Total Cost **\$1,500,000** Amount of Available Funding **TBD** Federal funding availability **No**

Funding source **-**



Flood Management Evaluation (FME)



Title **Kendall County Drainage Master Plan**

ID# **111000173**

Sponsor (name of entity, not person) **Kendall (County)**

RFPG recommend? **-** Reason for Recommendation **-**

Study Details

Study type **Watershed Planning**

Study description **Creation of drainage master plan for Kendall County**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Kendall** Watershed HUC# (if known) **12100201,12100203**

Drainage area (Square miles, est.) **661** Goal(s) **11000009**

100-Year Flood Risk Summary

Population at risk **1,964** # of structures **1,374** Critical facilities **3**

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

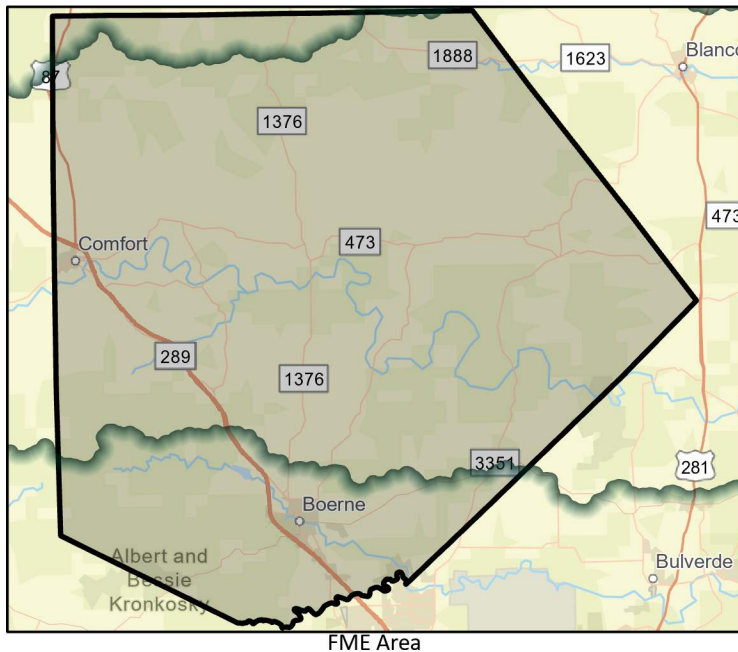
Farm/Ranch land impacted (acres) **24,198** Roadway(s) impacted (length) **44**

Number of low water crossings **28** Historical road closures **-**

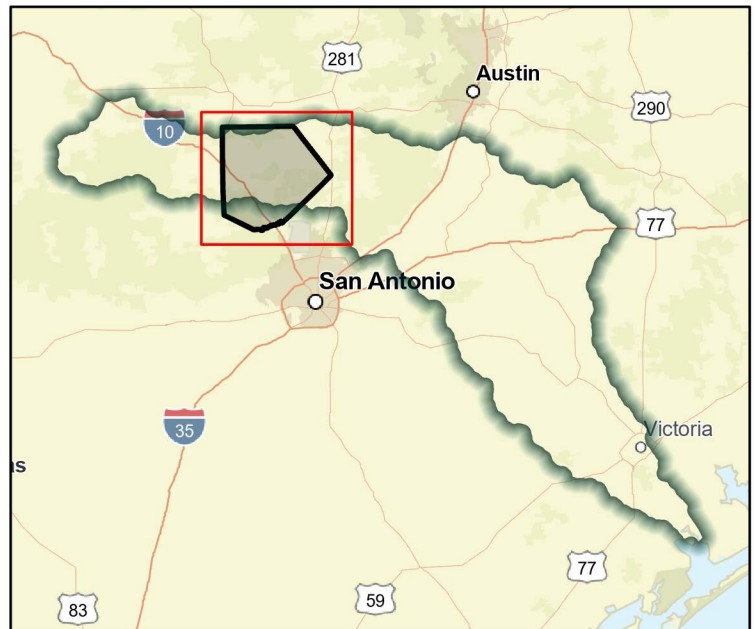
Estimated Cost and Funding Availability

Total Cost **\$500,000** Amount of Available Funding **TBD** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **City of San Marcos Gauges for Phase 2 of city-wide FEWS**

ID# **111000174**

Sponsor (name of entity, not person) **San Marcos (Municipality)**

RFPG recommend? **-** Reason for Recommendation **-**

Study Details

Study type **Project Planning**

Study description **Project planning for installation of 14 additional stream/rain gauges and development of a real time flood warning system throughout the City.**

New Hydrologic or Hydraulic model? **No** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Guadalupe,Caldwell,Hays** Watershed HUC# (if known) **12100203**

Drainage area (Square miles, est.) **36** Goal(s) **11000009**

100-Year Flood Risk Summary

Population at risk **12,650** # of structures **2,270** Critical facilities **14**

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

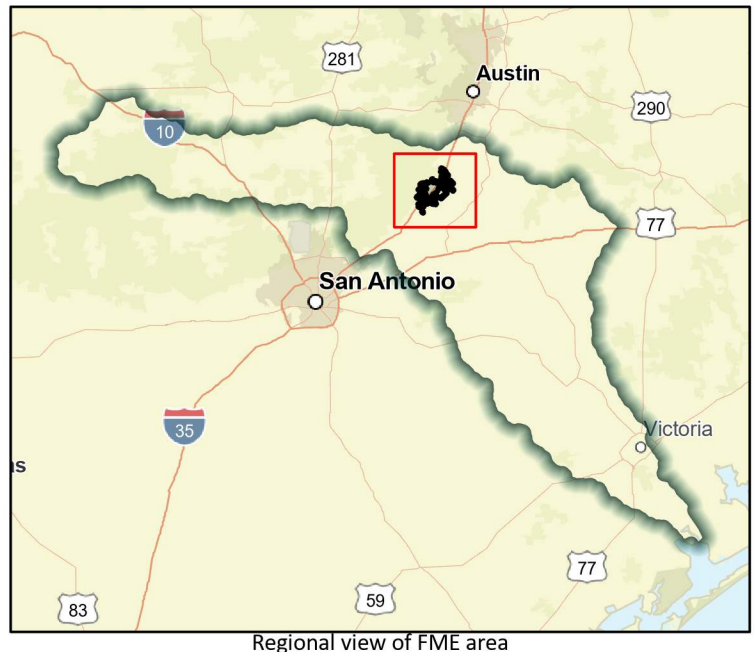
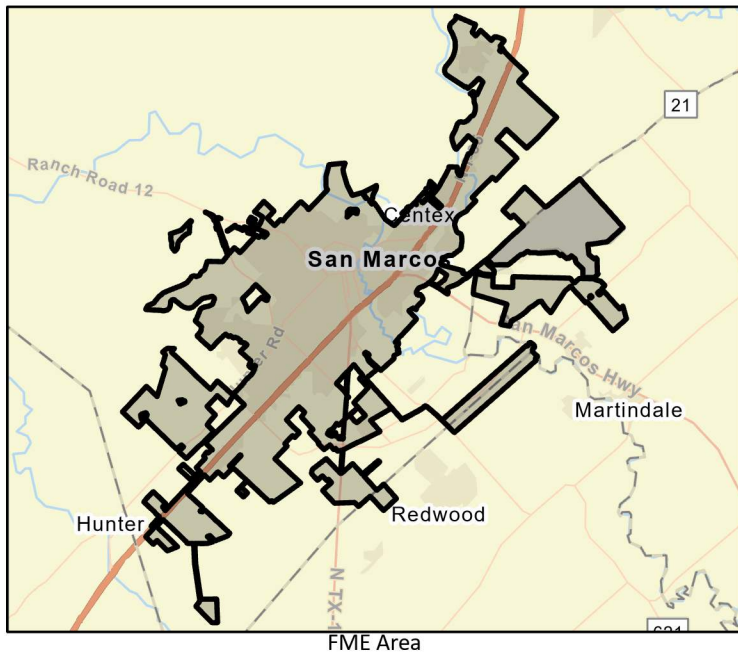
Farm/Ranch land impacted (acres) **822** Roadway(s) impacted (length) **48**

Number of low water crossings **12** Historical road closures **-**

Estimated Cost and Funding Availability

Total Cost **\$2,000,000** Amount of Available Funding **TBD** Federal funding availability **No**

Funding source **-**



Flood Management Evaluation (FME)



Title **Comal County Drainage Master Plan**

ID# **111000175**

Sponsor (name of entity, not person) **Comal (County)**

RFPG recommend? **-** Reason for Recommendation **-**

Study Details

Study type **Watershed Planning**

Study description **Creation of drainage master plan for Comal County, possibly in multiple phases, by watershed**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Comal** Watershed HUC# (if known) **12100201,12100202,12100203**

Drainage area (Square miles, est.) **573** Goal(s) **11000009**

100-Year Flood Risk Summary

Population at risk **9,129** # of structures **3,677** Critical facilities **6**

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

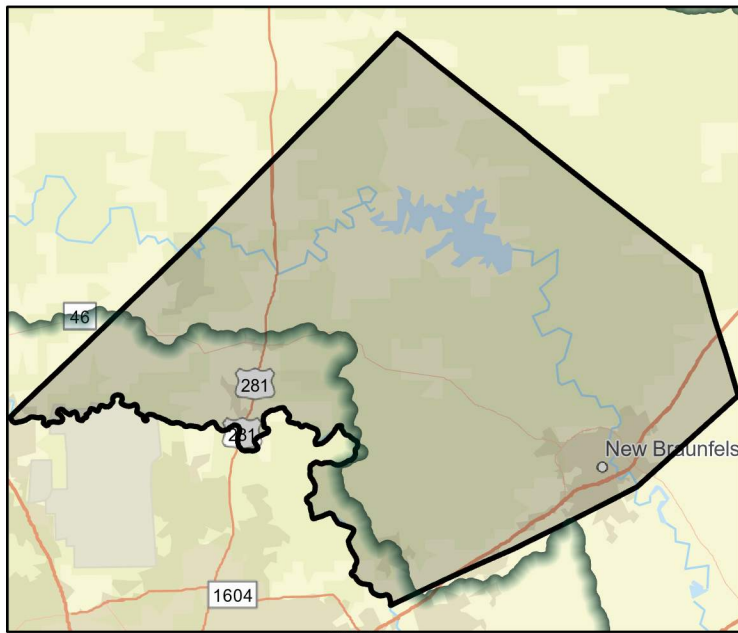
Farm/Ranch land impacted (acres) **9,463** Roadway(s) impacted (length) **93**

Number of low water crossings **77** Historical road closures **-**

Estimated Cost and Funding Availability

Total Cost **\$3,000,000** Amount of Available Funding **TBD** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Goliad County Drainage Master Plan**

ID# **111000176**

Sponsor (name of entity, not person) **Goliad (County)**

RFPG recommend? **-** Reason for Recommendation **-**

Study Details

Study type **Watershed Planning**

Study description **Creation of drainage master plan for Goliad County, possibly in multiple phases, by watershed**

New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **No**

County **Goliad** Watershed HUC# (if known) **12100204**

Drainage area (Square miles, est.) **858** Goal(s) **11000009**

100-Year Flood Risk Summary

Population at risk **296** # of structures **166** Critical facilities **3**

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

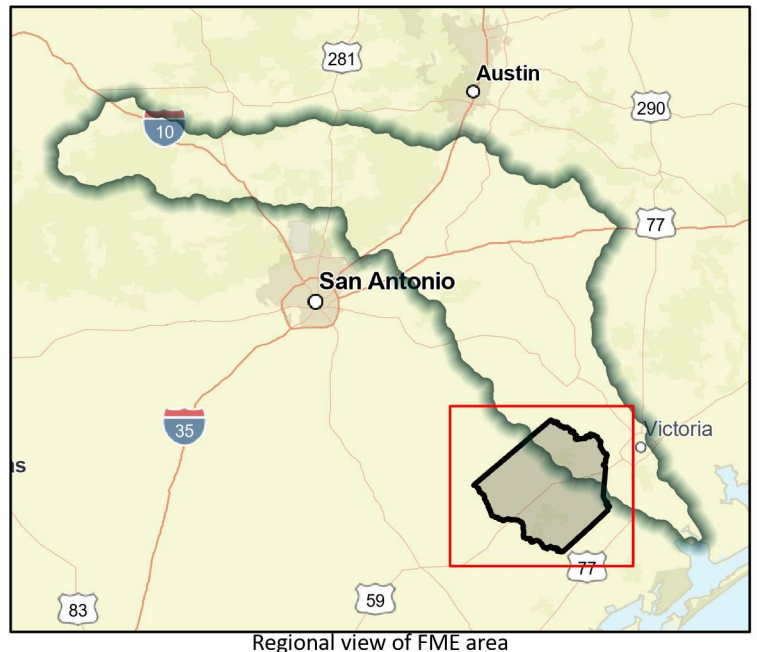
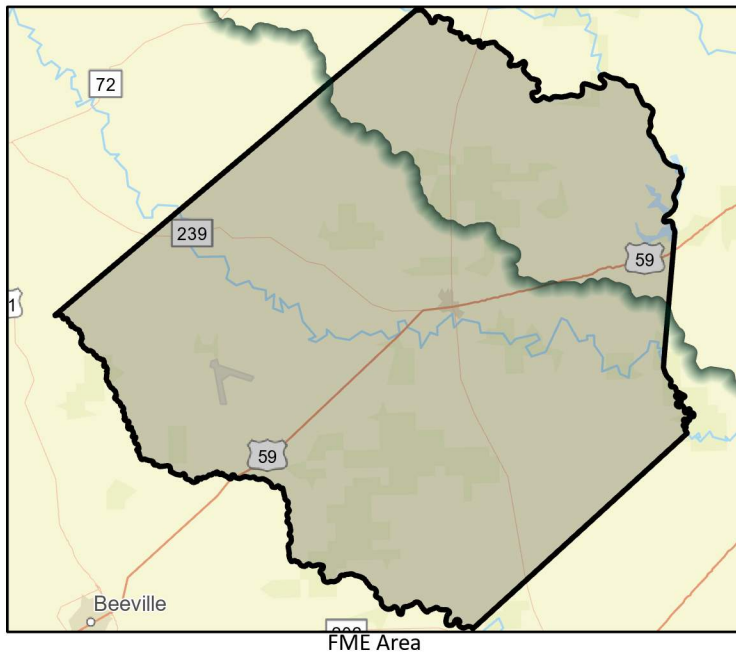
Farm/Ranch land impacted (acres) **13,211** Roadway(s) impacted (length) **12**

Number of low water crossings **3** Historical road closures **-**

Estimated Cost and Funding Availability

Total Cost **\$1,000,000** Amount of Available Funding **TBD** Federal funding availability **No**

Funding source **-**



Flood Management Evaluation (FME)



Title **City of San Marcos Upper San Marcos Site 4 & 5 Dam Evaluations**

ID# **111000177**

Sponsor (name of entity, not person) **Hays (County)**

RFPG recommend? **-** Reason for Recommendation **-**

Study Details

Study type **Project Planning**

Study description **This project planning will include a re-evaluation of NRCS dams 4 and 5 with Atlas 14 rainfall and an analysis of potential updates to the dams that could improve flood reduction within the City of San Marcos.**

New Hydrologic or Hydraulic model? **No** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Guadalupe,Caldwell,Hays** Watershed HUC# (if known) **12100203**

Drainage area (Square miles, est.) **36** Goal(s) **11000009**

100-Year Flood Risk Summary

Population at risk **12,650** # of structures **2,270** Critical facilities **14**

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

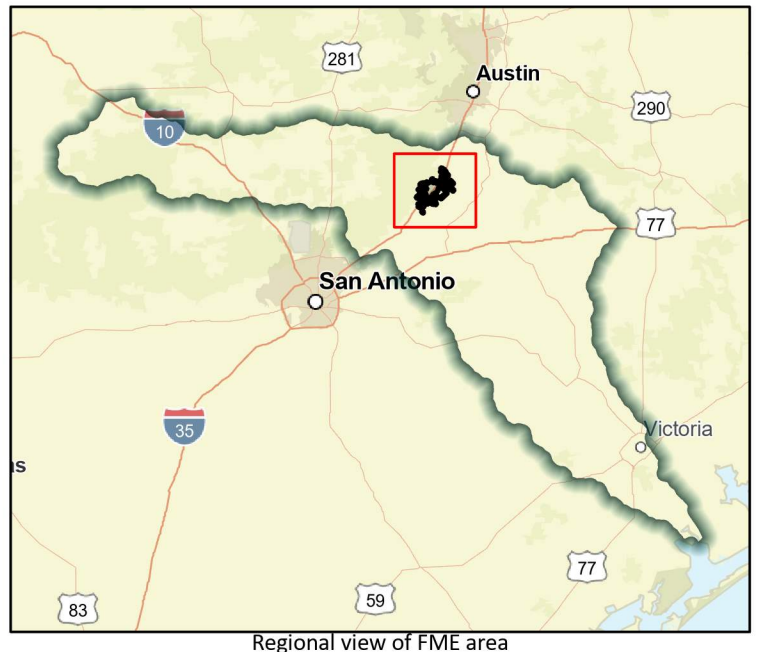
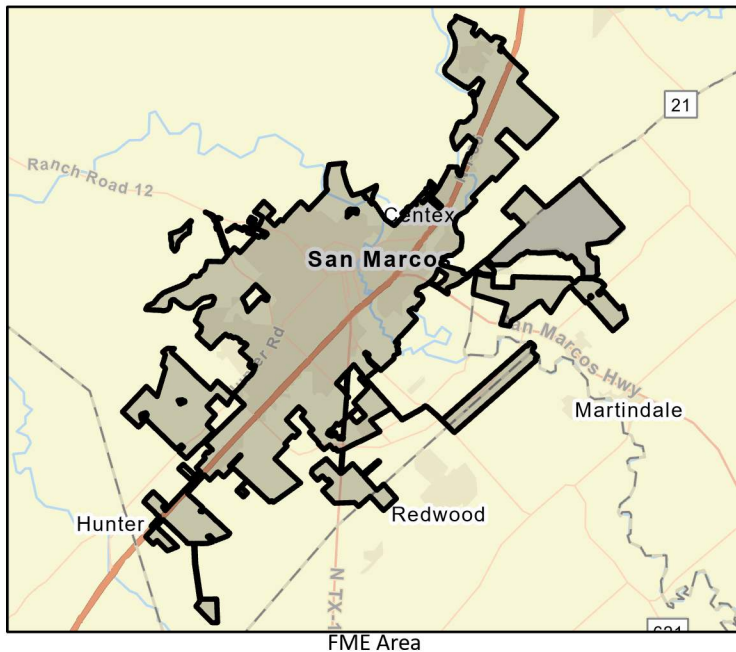
Farm/Ranch land impacted (acres) **822** Roadway(s) impacted (length) **48**

Number of low water crossings **12** Historical road closures **-**

Estimated Cost and Funding Availability

Total Cost **\$300,000** Amount of Available Funding **TBD** Federal funding availability **No**

Funding source **-**



Flood Management Evaluation (FME)



Title **City of Seguin Drainage Master Plan**

ID# **111000178**

Sponsor (name of entity, not person) **Seguin (Municipality)**

RFPG recommend? **-** Reason for Recommendation **-**

Study Details

Study type **Watershed Planning**

Study description **Update of drainage master plan for City of Seguin**

New Hydrologic or Hydraulic model? **No** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**

County **Guadalupe** Watershed HUC# (if known) **12100202**

Drainage area (Square miles, est.) **38** Goal(s) **11000009**

100-Year Flood Risk Summary

Population at risk **2,283** # of structures **846** Critical facilities **5**

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

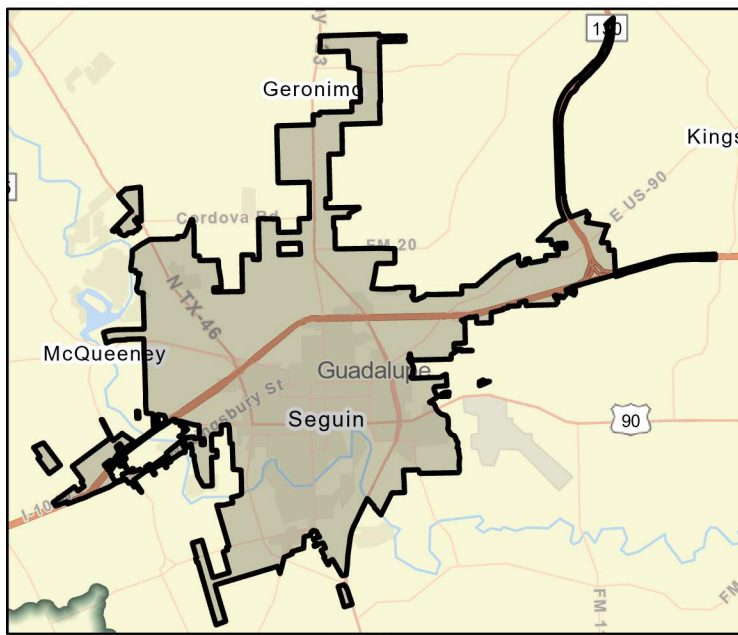
Farm/Ranch land impacted (acres) **1,157** Roadway(s) impacted (length) **25**

Number of low water crossings **8** Historical road closures **-**

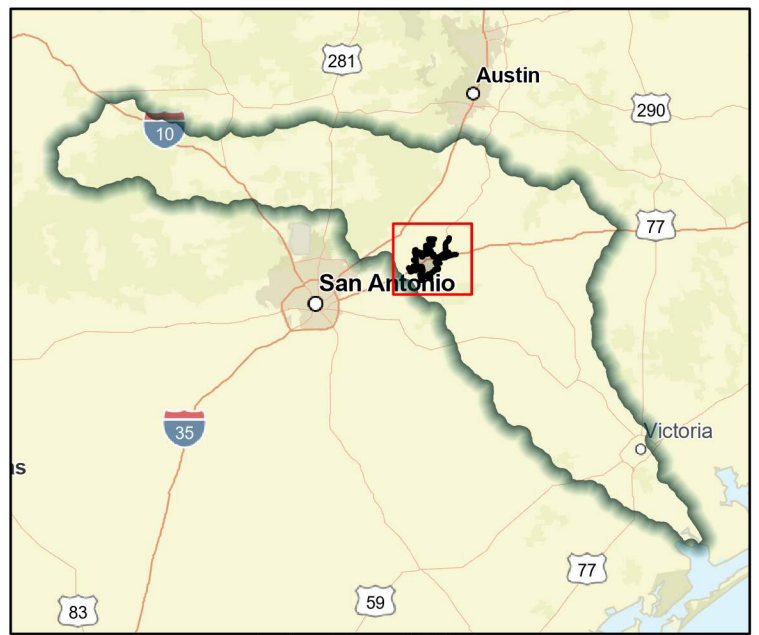
Estimated Cost and Funding Availability

Total Cost **\$450,000** Amount of Available Funding **TBD** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area