

Flood Management Strategy (FMS)



Title **Blanco County-Flood Risk Education**

ID# **112000002** Sponsor **Blanco (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Education and Outreach		
Strategy description	Use the county website and public booth to educate the public about specific mitigation actions for hazards, including but not limited to participating in the National Flood Insurance Program.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	711
Watershed HUC# (if known)	12100203, 12100201	County	Blanco

Existing 100-Year Flood Risk

Population at risk	197	# of structures	167	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	4,092	Roadway(s) impacted (miles)	14		
Number of low water crossings	30	Historical road closures	-		

100-Year Flood Risk Reduction

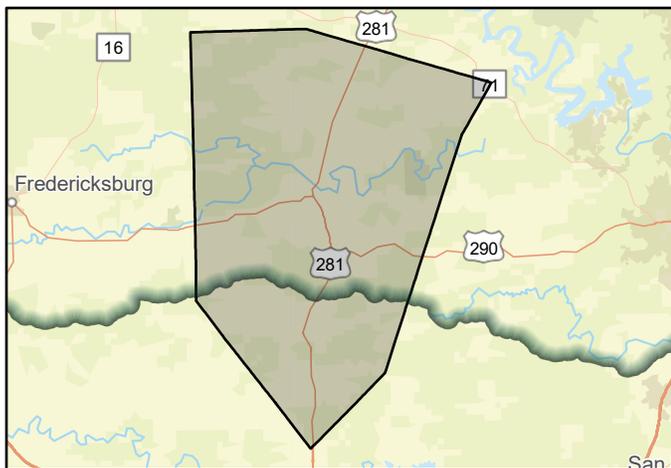
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Blanco County-Flood Risk Education**

ID# **112000003** Sponsor **Blanco (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Provide information on proper land stewardship.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203, 12100201** Drainage area (mi², est.) **711**

County **Blanco**

Existing 100-Year Flood Risk

Population at risk **197** # of structures **167** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **4,092** Roadway(s) impacted (miles) **14**

Number of low water crossings **30** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

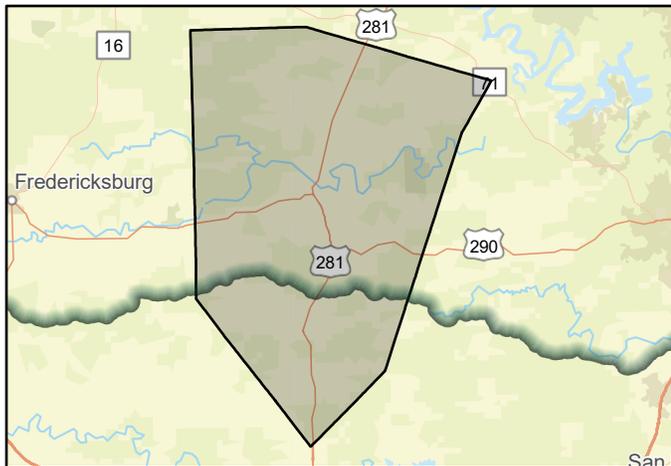
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **ESD #1-Flood Risk Education**

ID# **112000009** Sponsor **Caldwell (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Implement education and awareness program utilizing media, social media, bulletins, flyers, etc. to educate citizens of hazards (including flood) that threaten the area and mitigation measures to reduce injuries, fatalities, and property damages.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203, 12100202** Drainage area (mi², est.) **545**

County **Caldwell**

Existing 100-Year Flood Risk

Population at risk **2,538** # of structures **937** Critical facilities **7**

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

Farm/Ranch land impacted (acres) **35,718** Roadway(s) impacted (miles) **71**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

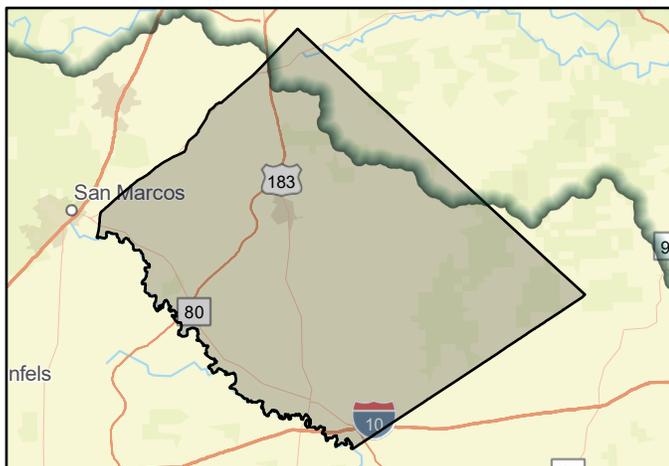
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type	Education and Outreach		
Strategy description	Promoting the importance of flood insurance as a part of the development permitting process; promoting the NFIP through brochure distribution, City website, and press releases.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	9
Watershed HUC# (if known)	12100203	County	Hays

Existing 100-Year Flood Risk

Population at risk	<input type="text" value="1"/>	# of structures	<input type="text" value="3"/>	Critical facilities	<input type="text" value="0"/>
Flood risk type:	Riverine? <input type="text" value="Yes"/>	Coastal? <input type="text" value="No"/>	Local? <input type="text" value="No"/>	Playa? <input type="text" value="No"/>	Other? <input type="text" value="No"/>
Farm/Ranch land impacted (acres)	<input type="text" value="8"/>	Roadway(s) impacted (miles)	<input type="text" value="1"/>		
Number of low water crossings	<input type="text" value="1"/>	Historical road closures	<input type="text" value="-"/>		

100-Year Flood Risk Reduction

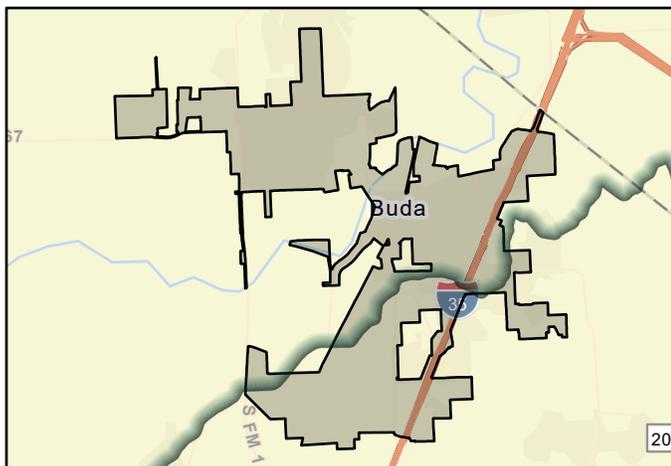
Population removed from 100-yr	<input type="text" value="0"/>	# of structures removed from 100-yr	<input type="text" value="0"/>
Critical facilities removed from 100-yr	<input type="text" value="0"/>	Farm/Ranch land removed from 100-yr (acres)	<input type="text" value="0"/>
Road removed from 100-yr (miles)	<input type="text" value="0"/>	Low water crossings removed from 100-yr	<input type="text" value="0"/>
Other benefits	<input type="text" value="N/A"/>	Reduction in # of road closures over 10 years	<input type="text" value="0"/>

Impacts

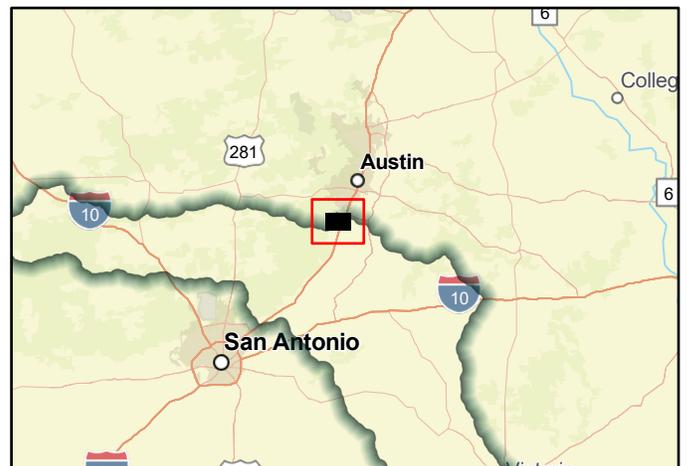
Negative impacts?	<input type="text" value="No"/>	Negative impacts description	<input type="text" value="N/A"/>
Water supply contributions?	<input type="text" value="No"/>	Water supply contribution description	<input type="text" value="-"/>

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of Buda-Flood Risk Education**

ID# **112000016** Sponsor **Buda (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Education and Outreach		
Strategy description	This action will create a program to educate the public about specific mitigation actions for hazards, including but not limited to flooding; distributing public awareness information regarding hazards and potential mitigation measures. Promotional source		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	9
Watershed HUC# (if known)	12100203	County	Hays

Existing 100-Year Flood Risk

Population at risk	1	# of structures	3	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	8	Roadway(s) impacted (miles)	1		
Number of low water crossings	1	Historical road closures	-		

100-Year Flood Risk Reduction

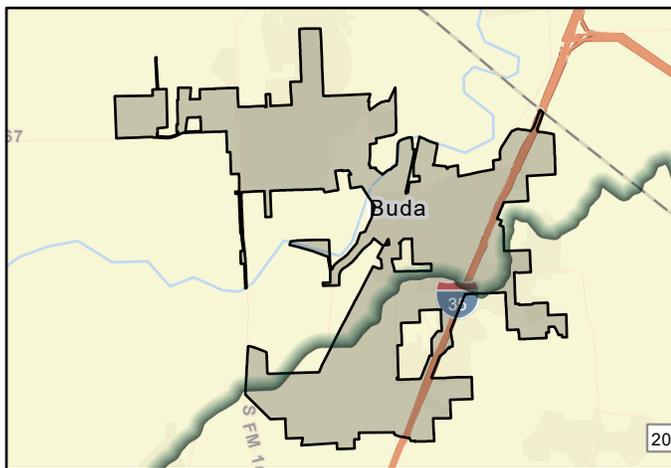
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of Buda-Flood Risk Education**

ID# **112000017** Sponsor **Buda (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Ensuring that the community members are aware of and understand notification and evacuation plans related to natural hazards.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **9**

County **Hays**

Existing 100-Year Flood Risk

Population at risk **1** # of structures **3** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **8** Roadway(s) impacted (miles) **1**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

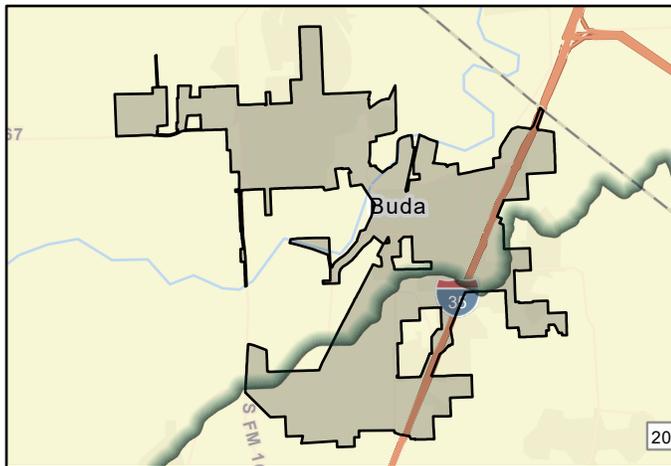
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$0** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Buda-Floodplain Management Training**

ID# **112000018** Sponsor **Buda (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Education and Outreach		
Strategy description	Provide training for local floodplain administrators and Certified Floodplain Managers		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	9
Watershed HUC# (if known)	12100203	County	Hays

Existing 100-Year Flood Risk

Population at risk	1	# of structures	3	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	8	Roadway(s) impacted (miles)	1		
Number of low water crossings	1	Historical road closures	-		

100-Year Flood Risk Reduction

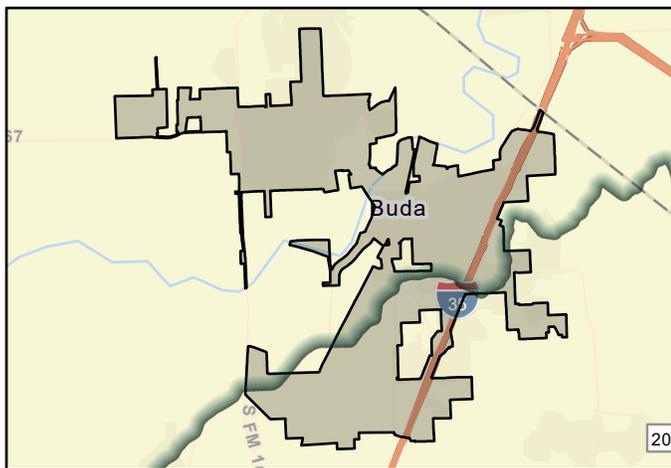
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

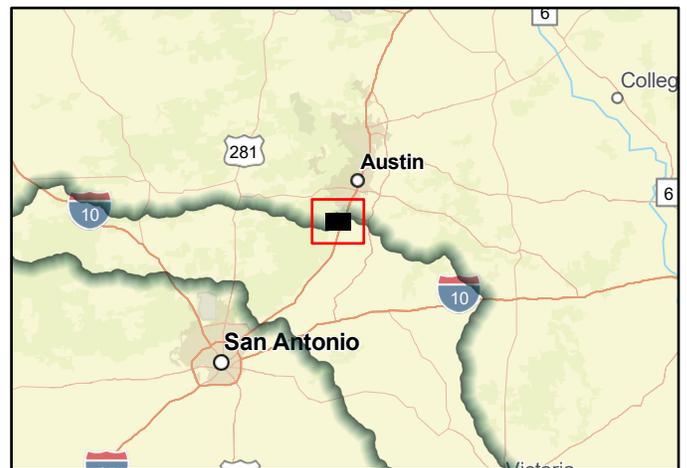
Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Bulverde-Flood Risk Education**

ID# **112000020** Sponsor **Bulverde (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Implement education and awareness program utilizing media, social media, signage, bulletins, etc. to educate citizens of hazards that can threaten the area and mitigation measures to reduce injuries, fatalities, and property damages.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100202, 12100201** Drainage area (mi², est.) **16**

County **Comal**

Existing 100-Year Flood Risk

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

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

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

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

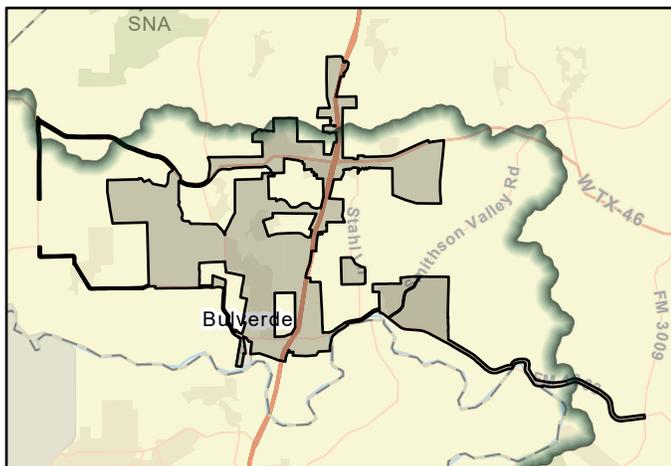
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Garden Ridge-Flood Risk Education**

ID# **112000031** Sponsor **Garden Ridge (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Education and Outreach		
Strategy description	Utilize media and social media outlets to educate the public on all hazards that pose a risk to the city, provide mitigation measures to reduce damages, and provide health and safety tips to reduce injuries or illness.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	7
Watershed HUC# (if known)	12100202	County	Comal

Existing 100-Year Flood Risk

Population at risk	20	# of structures	9	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	18	Roadway(s) impacted (miles)	-		
Number of low water crossings	-	Historical road closures	-		

100-Year Flood Risk Reduction

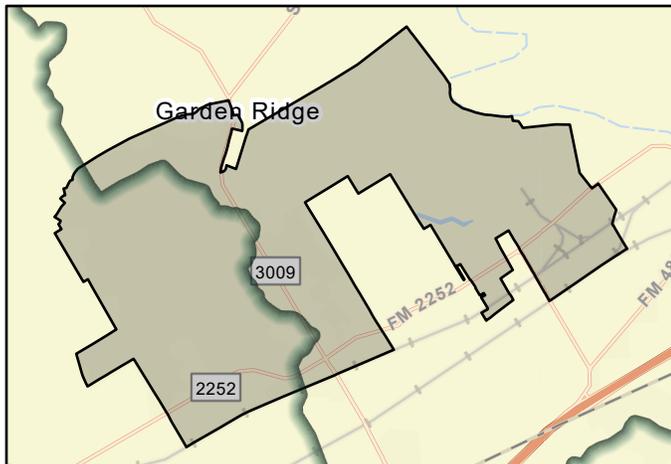
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of Kyle-Flood Insurance Campaign**

ID# **112000037** Sponsor **Kyle (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Education and Outreach		
Strategy description	Promote the flood insurance program to lessen the number of structures uninsured from flood loss by providing citizens access to brochures about the NFIP at the local City Hall and links to resources on website.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	31
Watershed HUC# (if known)	12100203	County	Hays

Existing 100-Year Flood Risk

Population at risk	1,030	# of structures	422	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	727	Roadway(s) impacted (miles)	7		
Number of low water crossings	9	Historical road closures	-		

100-Year Flood Risk Reduction

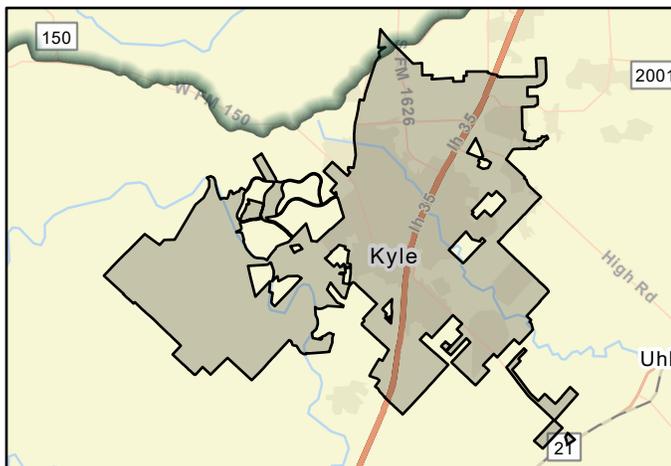
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

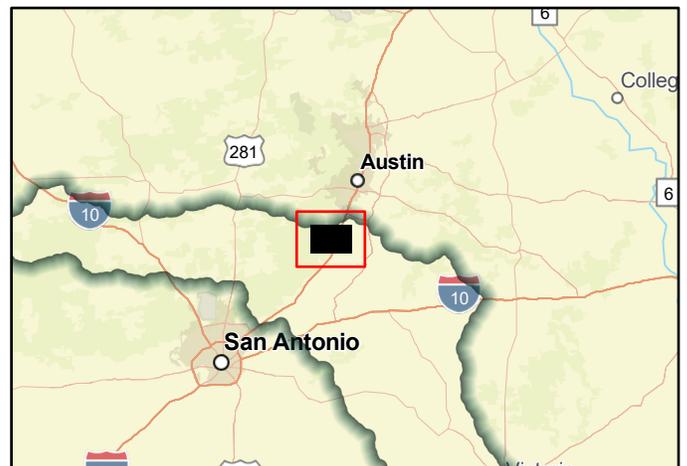
Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of Kyle-Flood Risk Education**

ID# **112000038** Sponsor **Kyle (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Education and Outreach		
Strategy description	Increasing public awareness of natural hazards and hazardous areas, including flood risk; distributing public awareness information regarding hazards and potential mitigation measures. Promotional sources would include City website, and public education p		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	31
Watershed HUC# (if known)	12100203	County	Hays

Existing 100-Year Flood Risk

Population at risk	1,030	# of structures	422	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	727	Roadway(s) impacted (miles)	7		
Number of low water crossings	9	Historical road closures	-		

100-Year Flood Risk Reduction

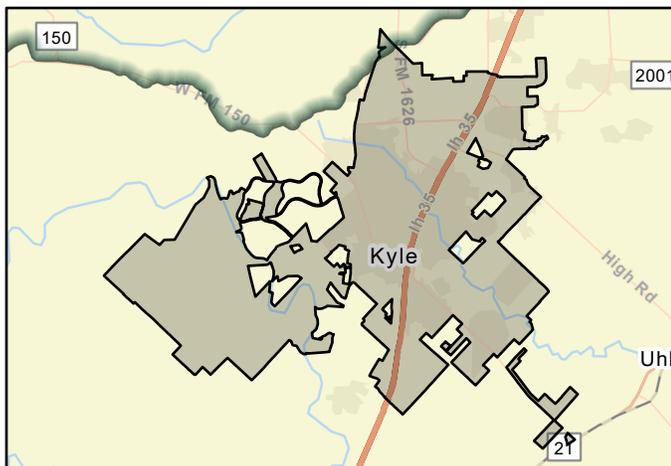
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

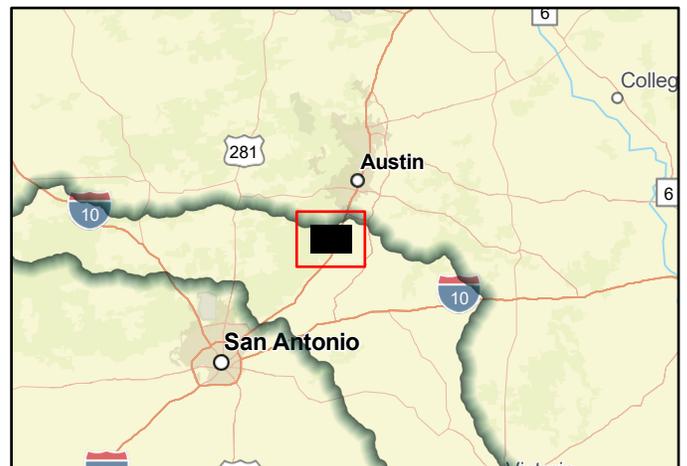
Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Kyle-Floodplain Management Training**

ID# **112000039** Sponsor **Kyle (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Education and Outreach		
Strategy description	Send member of the staff or elected official to training in order to become a received advanced floodplain management training.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	31
Watershed HUC# (if known)	12100203	County	Hays

Existing 100-Year Flood Risk

Population at risk	1,030	# of structures	422	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	727	Roadway(s) impacted (miles)	7		
Number of low water crossings	9	Historical road closures	-		

100-Year Flood Risk Reduction

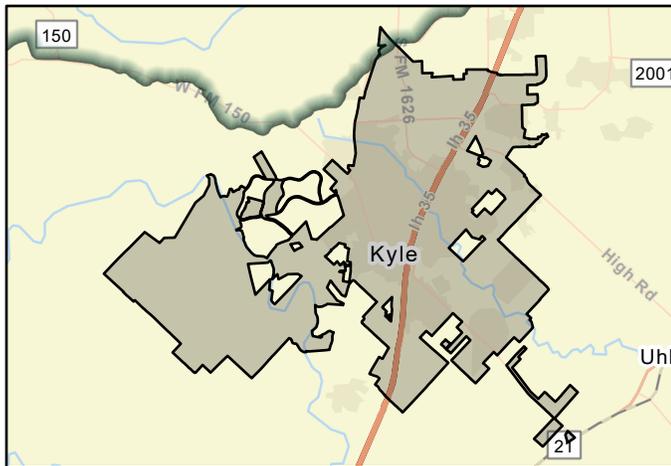
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$2,500	Amount of available funding	-	% Nature-Based	-
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of Kyle-Riparian Zone Signs**

ID# **112000041** Sponsor **Kyle (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Education and Outreach		
Strategy description	Enhancement on existing Parks program item that placed riparian zone signs in areas where park land vegetation is left natural. Action would map the points of the sign placement using GIS.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	31
Watershed HUC# (if known)	12100203	County	Hays

Existing 100-Year Flood Risk

Population at risk	1,030	# of structures	422	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	727	Roadway(s) impacted (miles)	7		
Number of low water crossings	9	Historical road closures	-		

100-Year Flood Risk Reduction

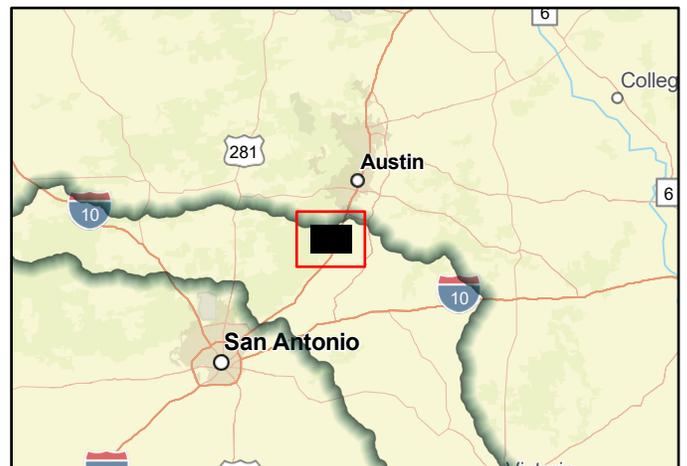
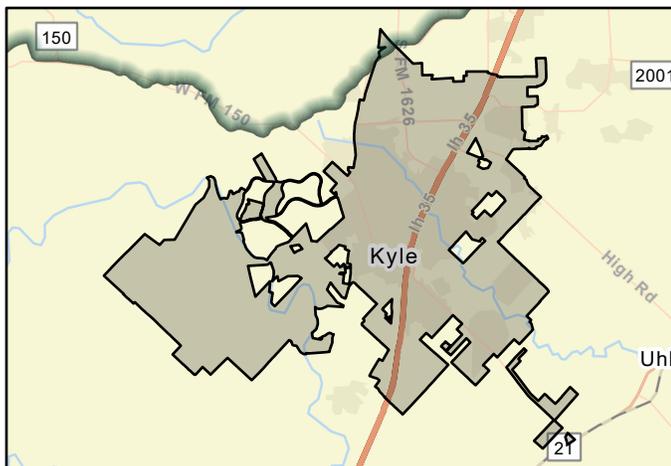
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$0	Amount of available funding	-	% Nature-Based	-
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Flood Management Strategy (FMS)

Title **City of Niederwald-Flood Insurance Campaign**

ID# **112000057** Sponsor **Niederwald (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Promote the flood insurance program to lessen the number of structures uninsured from flood loss by providing citizens access to brochures about the NFIP at the local City Hall and links to resources on website**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **4**

County **Caldwell,Hays**

Existing 100-Year Flood Risk

Population at risk **24** # of structures **9** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **150** Roadway(s) impacted (miles) **1**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

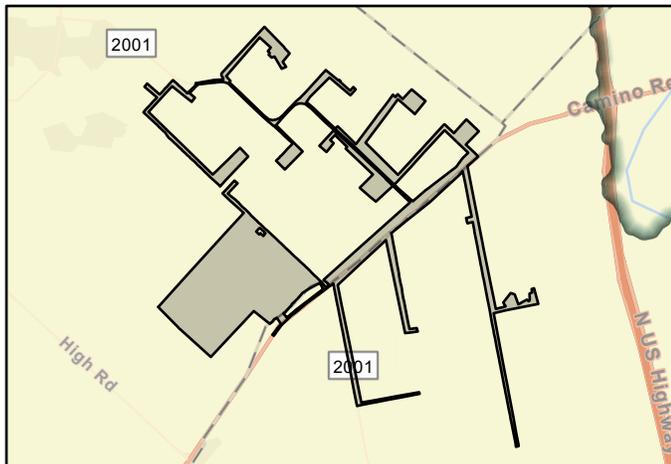
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$0** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of Niederwald-Flood Risk Education**

ID# **112000058** Sponsor **Niederwald (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Increasing public awareness of natural hazards and hazardous areas, including flood risk; distributing public awareness information regarding hazards and potential mitigation measures. Promotional sources would include City website, and public education p**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **4**

County **Caldwell,Hays**

Existing 100-Year Flood Risk

Population at risk **24** # of structures **9** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **150** Roadway(s) impacted (miles) **1**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

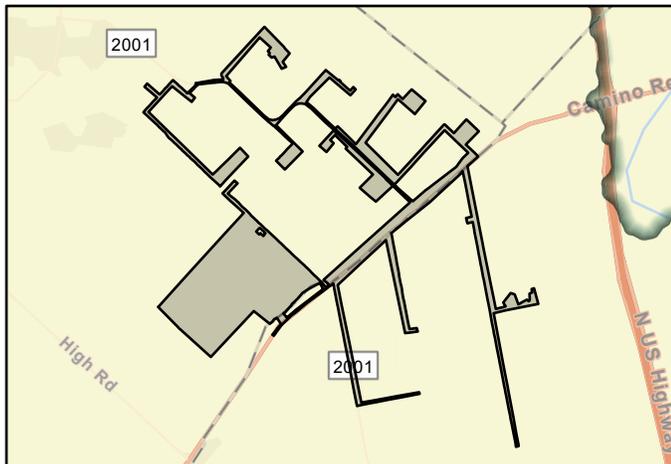
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$0** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Niederwald-Flood Risk Education**

ID# **112000059** Sponsor **Niederwald (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Opening Social Media accounts from multiple outlets to control emergency messaging and alerts for the community. No other communication methods are in place at the current time, besides County resources.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **4**

County **Caldwell,Hays**

Existing 100-Year Flood Risk

Population at risk **24** # of structures **9** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **150** Roadway(s) impacted (miles) **1**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

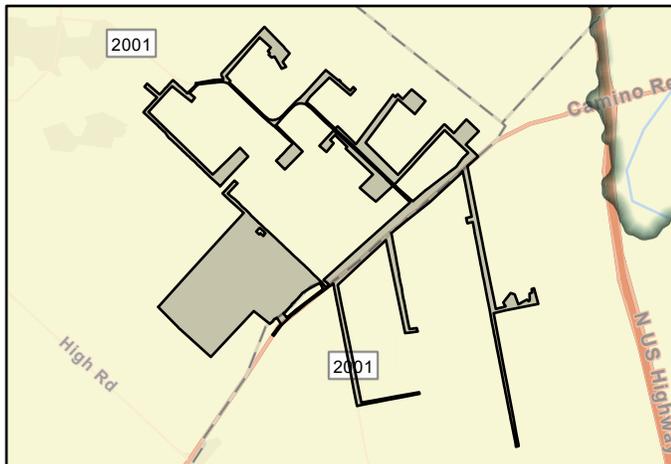
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$0** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of Niederwald-Floodplain Management Training**

ID# **112000060** Sponsor **Niederwald (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Send member of the staff or elected official to training in order to become a Certified Floodplain Manager**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **4**

County **Caldwell,Hays**

Existing 100-Year Flood Risk

Population at risk **24** # of structures **9** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **150** Roadway(s) impacted (miles) **1**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

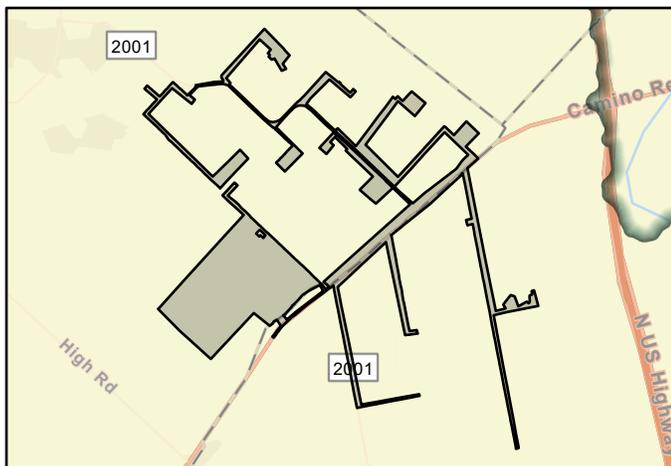
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Nixon-Flood Risk Education**

ID# **112000064** Sponsor **Nixon (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **This action will create a program to educate the public about specific mitigation actions for hazards, including but not limited to participating in the National Flood Insurance Program.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100202** Drainage area (mi², est.) **2**

County **Gonzales,Wilson**

Existing 100-Year Flood Risk

Population at risk **25** # of structures **13** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **6** Roadway(s) impacted (miles) **0**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of Nixon-Flood Insurance Campaign**

ID# **112000065** Sponsor **Nixon (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **This action will create a program designed to educate the public about the NFIP program and increase local participation.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100202** Drainage area (mi², est.) **2**

County **Gonzales,Wilson**

Existing 100-Year Flood Risk

Population at risk **25** # of structures **13** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **6** Roadway(s) impacted (miles) **0**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

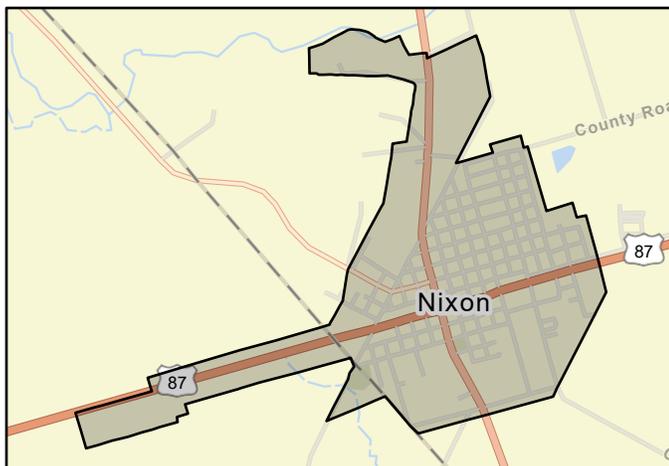
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of San Marcos-Flood Risk Education**

ID# **112000072** Sponsor **San Marcos (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Placing National Flood Insurance Program information brochures in City Hall**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **36**

County **Guadalupe,Caldwell,**

Existing 100-Year Flood Risk

Population at risk **19,605** # of structures **2,270** Critical facilities **14**

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

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

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

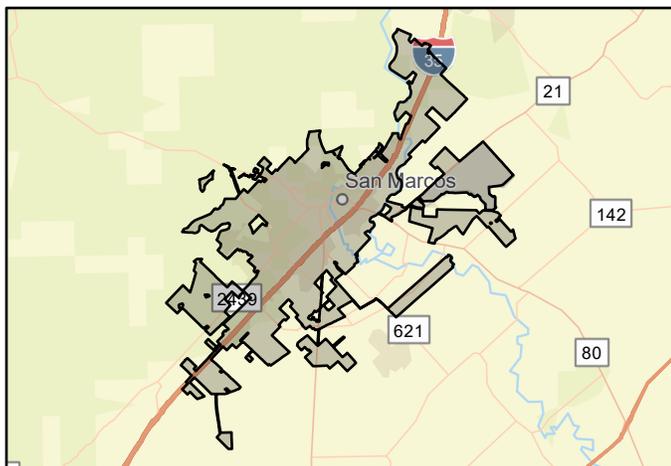
Impacts

Negative impacts? **No** Negative impacts description **N/A**

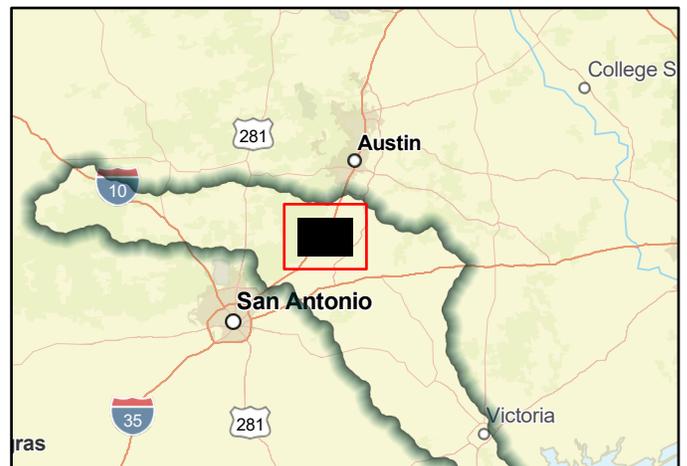
Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$0** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of San Marcos-Flood Risk Education**

ID# **112000073** Sponsor **San Marcos (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Increase Public Awareness of Flood Hazard and Mitigation**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **36**

County **Guadalupe, Caldwell,**

Existing 100-Year Flood Risk

Population at risk **19,605** # of structures **2,270** Critical facilities **14**

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

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

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

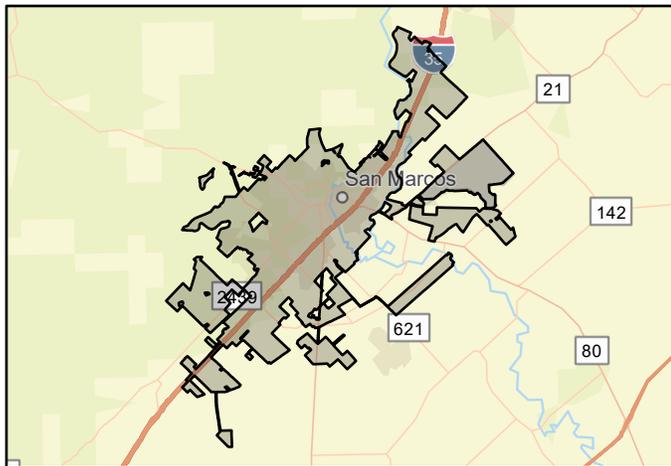
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$0** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of Seguin-Flood Insurance Campaign**

ID# **112000010** Sponsor **Seguin (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Education and Outreach		
Strategy description	Undertake an initiative to increase the number of flood insurance policies.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	38
Watershed HUC# (if known)	12100202	County	Guadalupe

Existing 100-Year Flood Risk

Population at risk	3,046	# of structures	846	Critical facilities	5
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	1,157	Roadway(s) impacted (miles)	25		
Number of low water crossings	8	Historical road closures	-		

100-Year Flood Risk Reduction

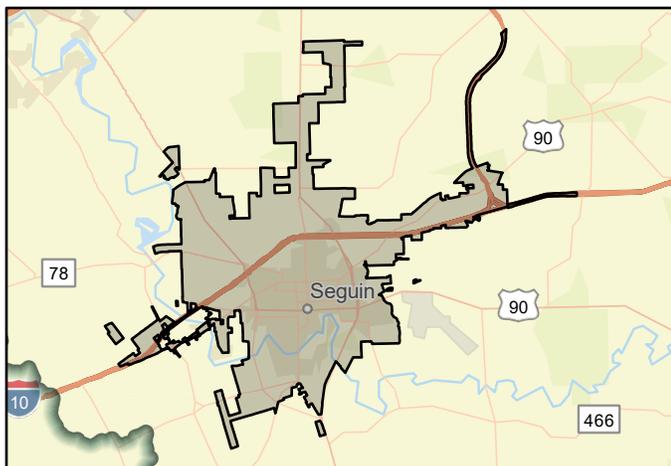
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Seguin-Flood Risk Education**

ID# **112000011** Sponsor **Seguin (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Implement a flood awareness program by providing FEMA/NFIP materials to mortgage lenders, real estate agents and insurance agents and place them in local libraries.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100202** Drainage area (mi², est.) **38**

County **Guadalupe**

Existing 100-Year Flood Risk

Population at risk **3,046** # of structures **846** Critical facilities **5**

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

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

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

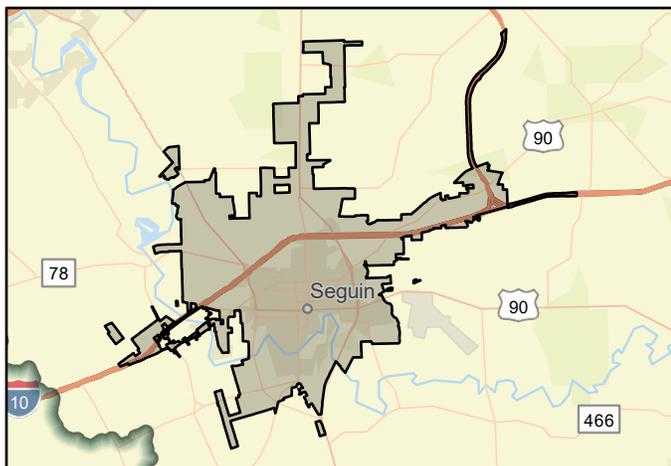
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Uhland-Flood Risk Education**

ID# **112000085** Sponsor **Uhland (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Placing National Flood Insurance Program information brochures in City Hall**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **3**

County **Caldwell,Hays**

Existing 100-Year Flood Risk

Population at risk **34** # of structures **27** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **94** Roadway(s) impacted (miles) **2**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

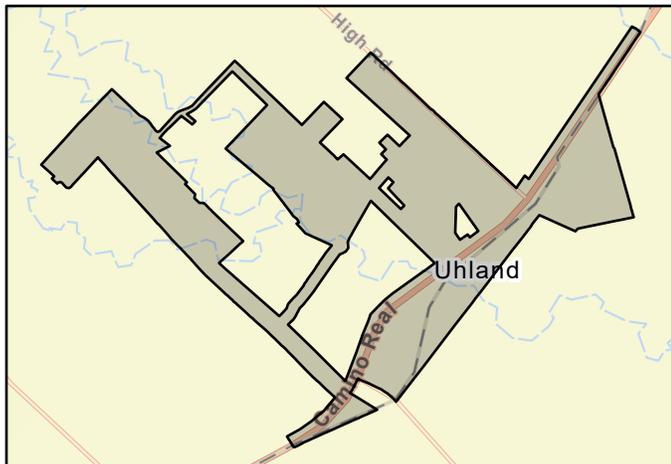
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$0** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Umland-Flood Risk Education**

ID# **112000086** Sponsor **Umland (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Increasing public awareness of natural hazards and hazardous areas, including flood risk; distributing public awareness information regarding hazards and potential mitigation measures. Promotional sources would include City website, and public education p**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **3**

County **Caldwell,Hays**

Existing 100-Year Flood Risk

Population at risk **34** # of structures **27** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **94** Roadway(s) impacted (miles) **2**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$0** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Uhland-Floodplain Management Training**

ID# **112000088** Sponsor **Uhland (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Education and Outreach		
Strategy description	Sending designated Floodplain Administrator to floodplain management courses and to test for Certification as a Certified Floodplain Manager		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	3
Watershed HUC# (if known)	12100203	County	Caldwell,Hays

Existing 100-Year Flood Risk

Population at risk	34	# of structures	27	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	94	Roadway(s) impacted (miles)	2		
Number of low water crossings	3	Historical road closures	-		

100-Year Flood Risk Reduction

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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

Title **Victoria ISD-Flood Risk Education**

ID# **112000093** Sponsor **Victoria (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Education and Outreach		
Strategy description	Increasing public awareness of natural hazards and hazardous areas, including flood risk; distributing public awareness information regarding hazards and potential mitigation measures. Promotional sources would include City website, and public education p		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	37
Watershed HUC# (if known)	12100204	County	Victoria

Existing 100-Year Flood Risk

Population at risk	4,923	# of structures	1,139	Critical facilities	24
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	111	Roadway(s) impacted (miles)	36		
Number of low water crossings	0	Historical road closures	-		

100-Year Flood Risk Reduction

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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Waelder-Flood Risk Education**

ID# **112000096** Sponsor **Waelder (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **This action will create a program to educate the public about specific mitigation actions for hazards, including but not limited to Participating in the National Flood Insurance Program.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100202** Drainage area (mi², est.) **1**

County **Gonzales**

Existing 100-Year Flood Risk

Population at risk **159** # of structures **170** Critical facilities **0**

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

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

Number of low water crossings **9** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

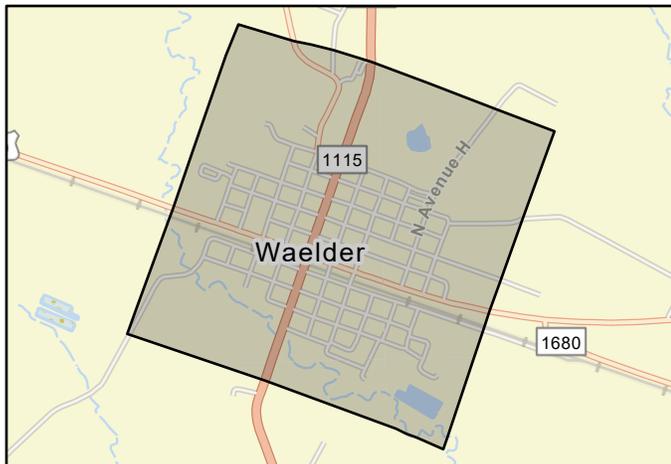
Impacts

Negative impacts? **No** Negative impacts description **N/A**

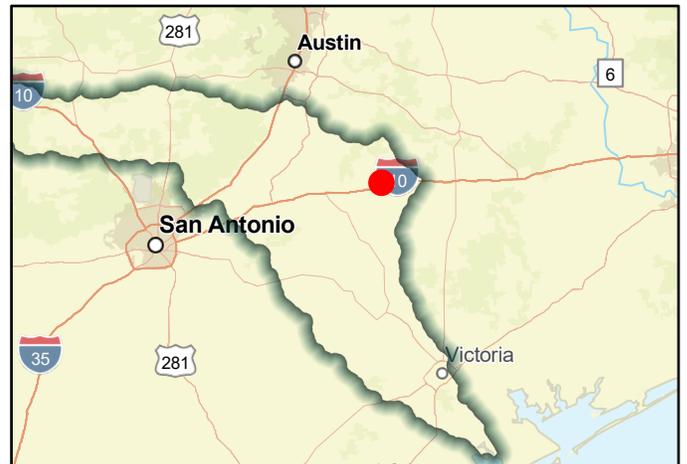
Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Waelder-Flood Risk Education**

ID# **112000097** Sponsor **Waelder (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **This action will create a program designed to educate the public about the NFIP program and increase local participation.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100202** Drainage area (mi², est.) **1**

County **Gonzales**

Existing 100-Year Flood Risk

Population at risk **159** # of structures **170** Critical facilities **0**

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

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

Number of low water crossings **9** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

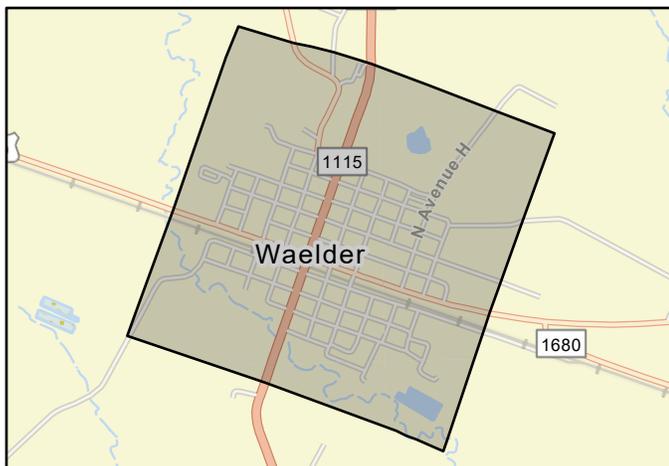
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of Wimberley-Emergency Response Training**

ID# **112000099** Sponsor **Wimberley (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Education and Outreach		
Strategy description	Strengthen and improve emergency response and recovery through the purchase of specialized equipment and training.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	9
Watershed HUC# (if known)	12100203	County	Hays

Existing 100-Year Flood Risk

Population at risk	661	# of structures	503	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	25	Roadway(s) impacted (miles)	8		
Number of low water crossings	6	Historical road closures	-		

100-Year Flood Risk Reduction

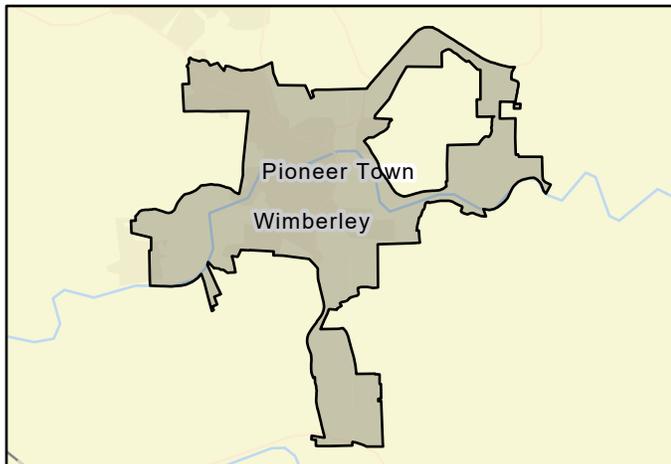
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$620,000	Amount of available funding	-	% Nature-Based	-
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Wimberley-Flood Risk Education**

ID# **112000101** Sponsor **Wimberley (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Placing National Flood Insurance Program information brochures in City Hall**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **9**

County **Hays**

Existing 100-Year Flood Risk

Population at risk **661** # of structures **503** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **25** Roadway(s) impacted (miles) **8**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

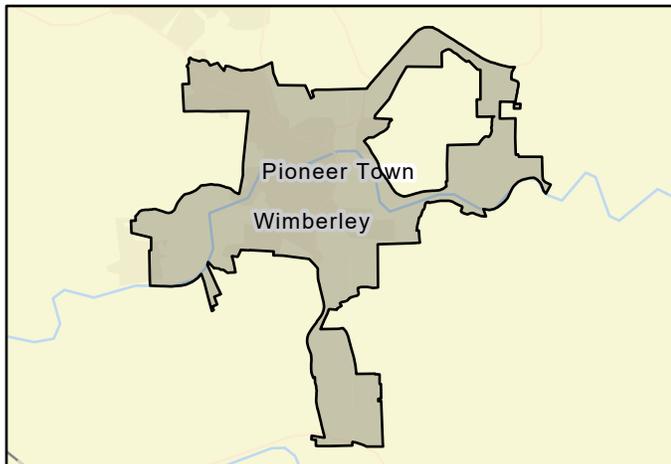
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$0** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Wimberley-Flood Risk Education**

ID# **112000102** Sponsor **Wimberley (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Increasing public awareness of natural hazards and hazardous areas, including flood risk; distributing public awareness information regarding hazards and potential mitigation measures. Promotional sources would include City website, and public education p**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **9**

County **Hays**

Existing 100-Year Flood Risk

Population at risk **661** # of structures **503** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **25** Roadway(s) impacted (miles) **8**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

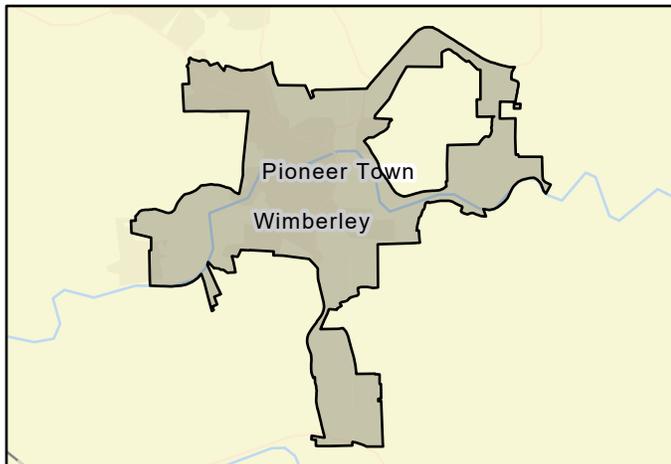
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$0** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Wimberley-Floodplain Management Training**

ID# **112000104** Sponsor **Wimberley (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Send certified member of staff to advanced courses.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **9**

County **Hays**

Existing 100-Year Flood Risk

Population at risk **661** # of structures **503** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **25** Roadway(s) impacted (miles) **8**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

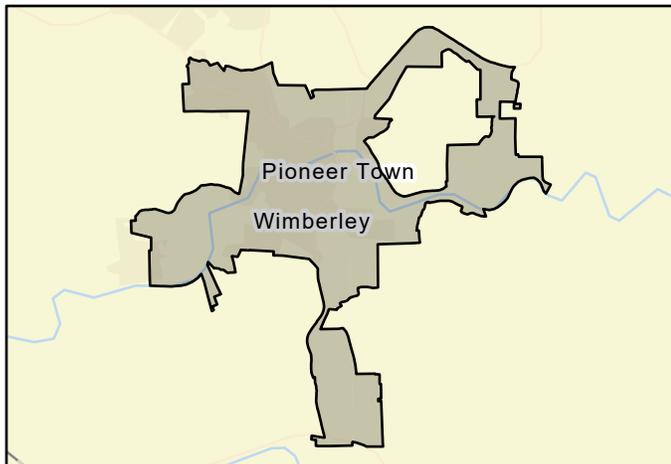
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$2,500** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of Woodcreek-Flood Risk Education**

ID# **112000110** Sponsor **Woodcreek (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Placing National Flood Insurance Program information brochures in City Hall.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **1**

County **Hays**

Existing 100-Year Flood Risk

Population at risk **57** # of structures **37** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **4** Roadway(s) impacted (miles) **1**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

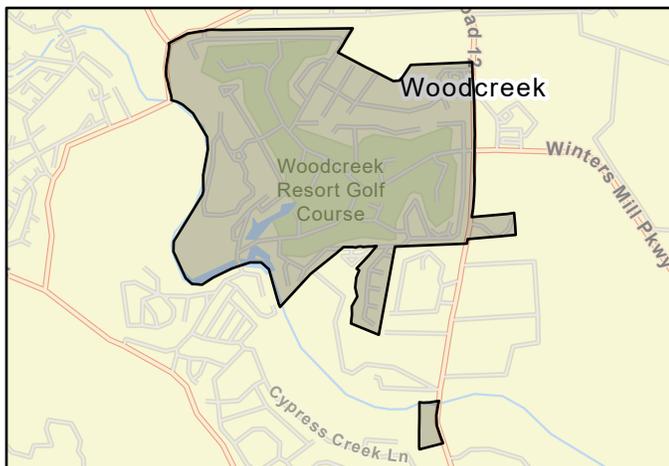
Impacts

Negative impacts? **No** Negative impacts description **N/A**

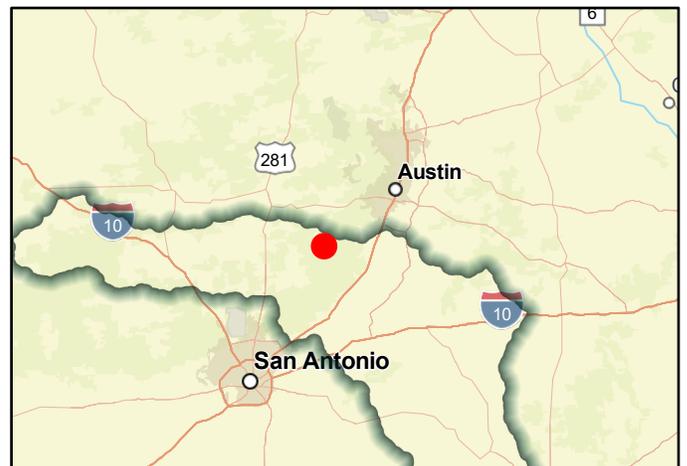
Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$0** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Woodcreek-Flood Risk Education**

ID# **112000111** Sponsor **Woodcreek (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Education and Outreach		
Strategy description	Increasing public awareness of natural hazards and hazardous areas, including flood risk; distributing public awareness information regarding hazards and potential mitigation measures. Promotional sources would include City website, and public education p		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	1
Watershed HUC# (if known)	12100203	County	Hays

Existing 100-Year Flood Risk

Population at risk	57	# of structures	37	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	4	Roadway(s) impacted (miles)	1		
Number of low water crossings	2	Historical road closures	-		

100-Year Flood Risk Reduction

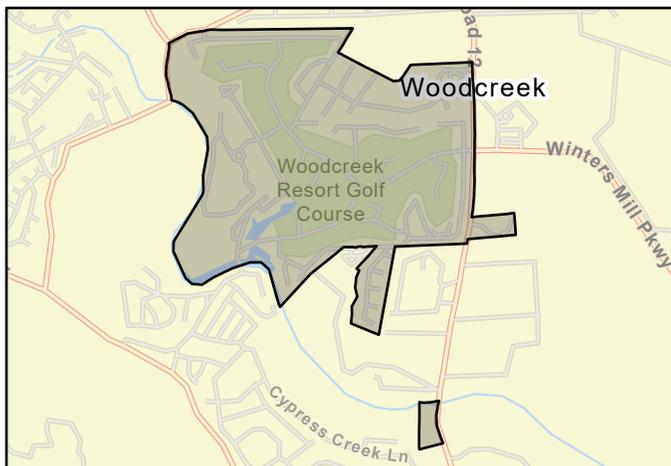
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

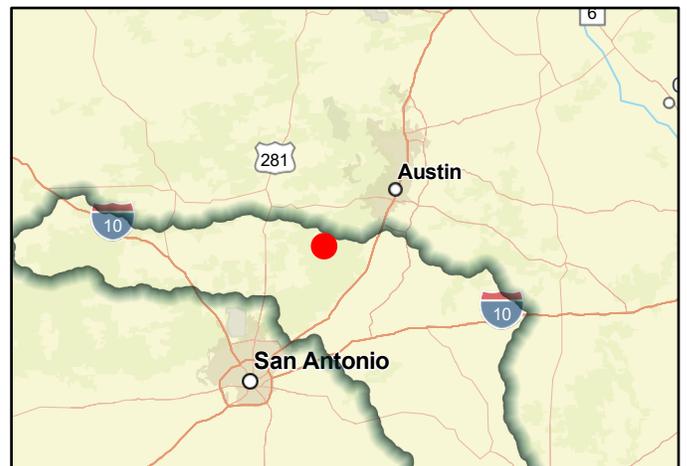
Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Woodcreek-Floodplain Management Training**

ID# **112000113** Sponsor **Woodcreek (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Send designated floodplain administrator to attend floodplain management courses and to test for certification as a Certified Floodplain Manager**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **1**

County **Hays**

Existing 100-Year Flood Risk

Population at risk **57** # of structures **37** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **4** Roadway(s) impacted (miles) **1**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

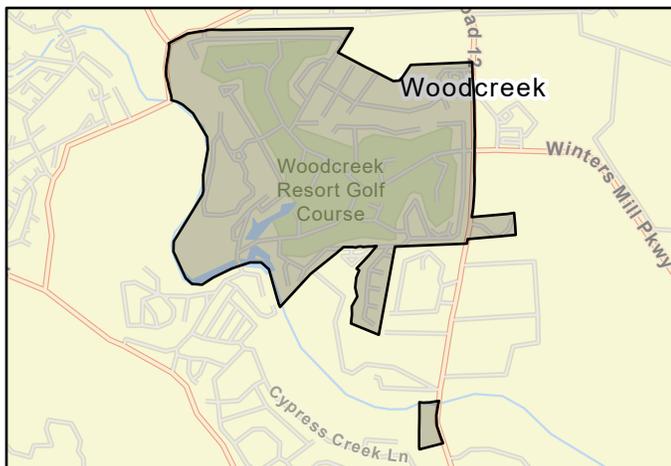
Impacts

Negative impacts? **No** Negative impacts description **N/A**

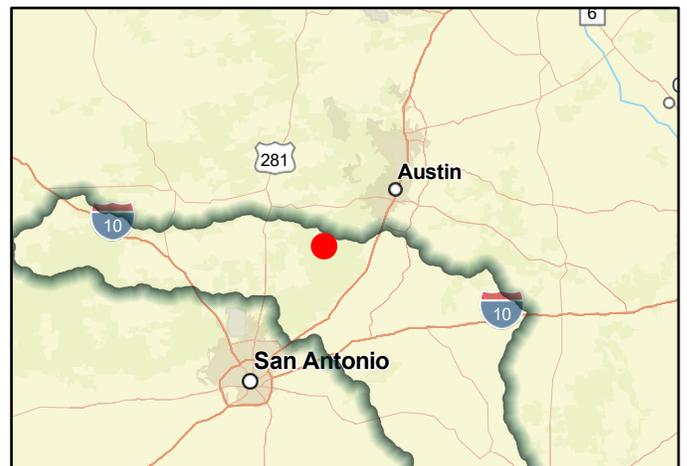
Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$2,500** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **Comal County-Flood Risk Education**

ID# **112000123** Sponsor **Comal (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Education and Outreach		
Strategy description	Utilize media and social media outlet to educate the public on all hazards that pose a risk to the planning area, provide mitigation measures to reduce damages, and provide health and safety tips to reduce injuries or illness.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	573
Watershed HUC# (if known)	12100203, 12100202, 12100201	County	Comal

Existing 100-Year Flood Risk

Population at risk	11,115	# of structures	3,677	Critical facilities	6
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	9,463	Roadway(s) impacted (miles)	93		
Number of low water crossings	77	Historical road closures	-		

100-Year Flood Risk Reduction

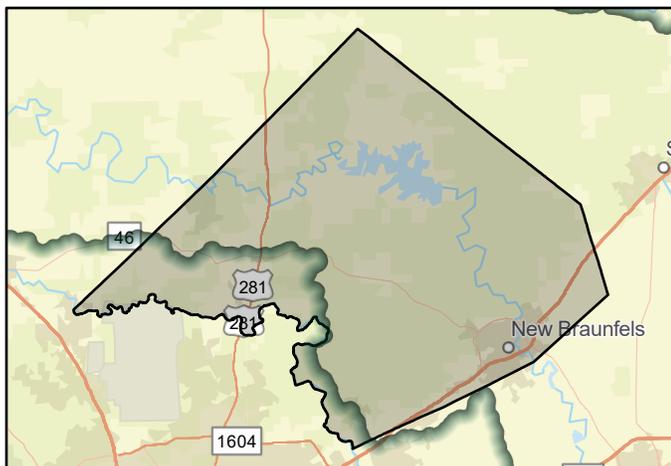
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)



Title **DeWitt County-Flood Risk Education**

ID# **112000128** Sponsor **De Witt (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Develop and promote program on flood mitigation techniques to reduce flood risk through education and awareness; promote purchase of flood insurance through outreach**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100204, 12100202** Drainage area (mi², est.) **908**

County **De Witt**

Existing 100-Year Flood Risk

Population at risk **5,121** # of structures **3,095** Critical facilities **19**

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

Farm/Ranch land impacted (acres) **62,395** Roadway(s) impacted (miles) **115**

Number of low water crossings **16** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

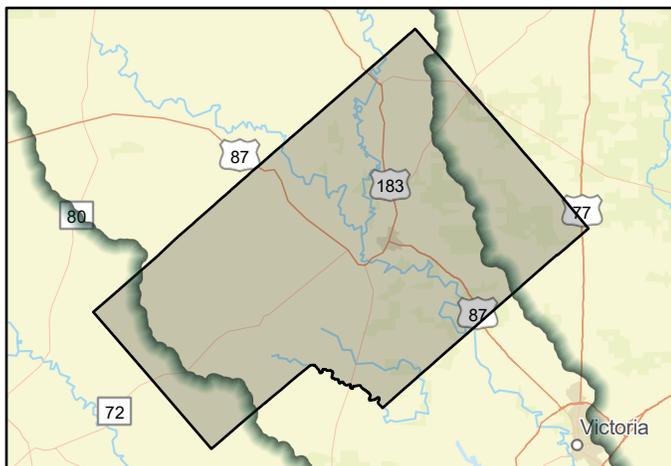
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$25,000** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **ESD #1-Flood Risk Education**

ID# **112000129** Sponsor **ESD #1**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Educate community on the dangers of low water crossings through the installation of warning signs and promotion of "Turn Around, Don't Drown" Program.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203, 12100202** Drainage area (mi², est.) **545**

County **Caldwell**

Existing 100-Year Flood Risk

Population at risk **2,538** # of structures **937** Critical facilities **7**

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

Farm/Ranch land impacted (acres) **35,718** Roadway(s) impacted (miles) **71**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

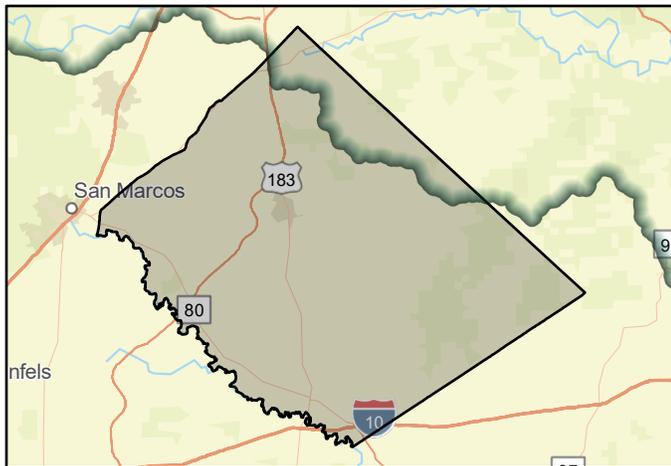
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **ESD #1-Flood Risk Education**

ID# **112000130** Sponsor **ESD #1**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Educate community on the dangers of low water crossings through the installation of warning signs and promotion of "Turn Around, Don't Drown" Program.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203, 12100202** Drainage area (mi², est.) **545**

County **Caldwell**

Existing 100-Year Flood Risk

Population at risk **2,538** # of structures **937** Critical facilities **7**

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

Farm/Ranch land impacted (acres) **35,718** Roadway(s) impacted (miles) **71**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

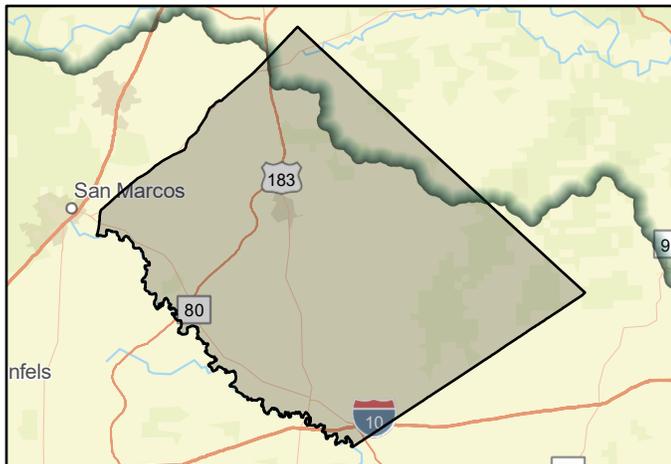
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **ESD #3-Flood Risk Education**

ID# **112000134** Sponsor **ESD #3**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Educate community on the dangers of low water crossings through the installation of warning signs and promotion of "Turn Around, Don't Drown" Program.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203, 12100202** Drainage area (mi², est.) **545**

County **Caldwell**

Existing 100-Year Flood Risk

Population at risk **2,538** # of structures **937** Critical facilities **7**

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

Farm/Ranch land impacted (acres) **35,718** Roadway(s) impacted (miles) **71**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

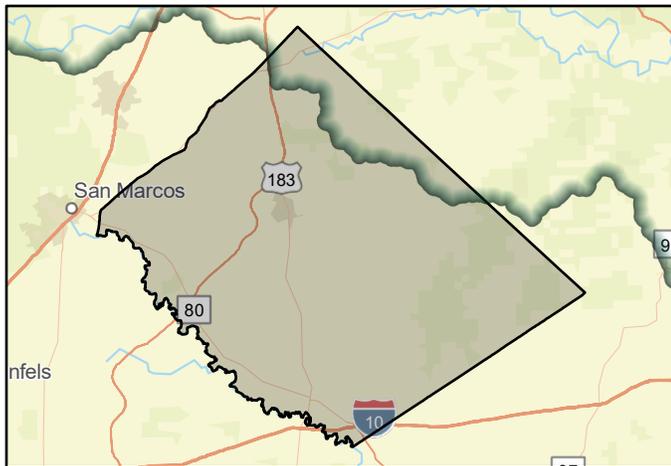
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **ESD #4-Flood Risk Education**

ID# **112000137** Sponsor **ESD #4**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Educate community on the dangers of low water crossings through the installation of warning signs and promotion of "Turn Around, Don't Drown" Program.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203, 12100202** Drainage area (mi², est.) **545**

County **Caldwell**

Existing 100-Year Flood Risk

Population at risk **2,538** # of structures **937** Critical facilities **7**

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

Farm/Ranch land impacted (acres) **35,718** Roadway(s) impacted (miles) **71**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

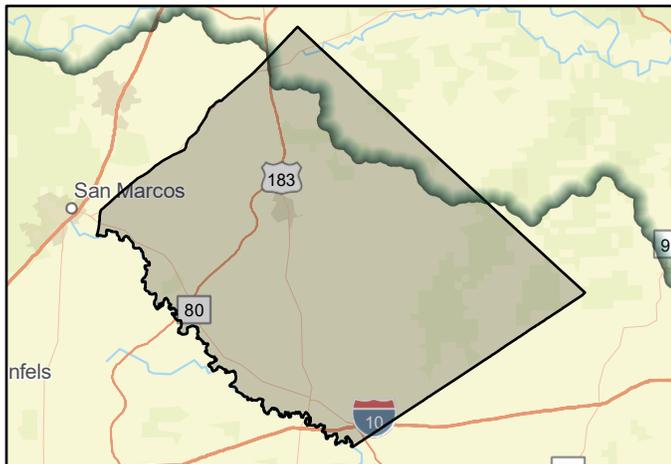
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **Gillespie County-Flood Risk Education**

ID# **112000138** Sponsor **Gillespie (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Educating people about the exact nature of the hazards present in the environment is the first and most important step in helping to mitigate against these hazards. Knowing what the threat is and how to counter that threat is the best, least expensive way**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203, 12100201** Drainage area (mi², est.) **1,057**

County **Gillespie**

Existing 100-Year Flood Risk

Population at risk **16** # of structures **8** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **348** Roadway(s) impacted (miles) **0**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

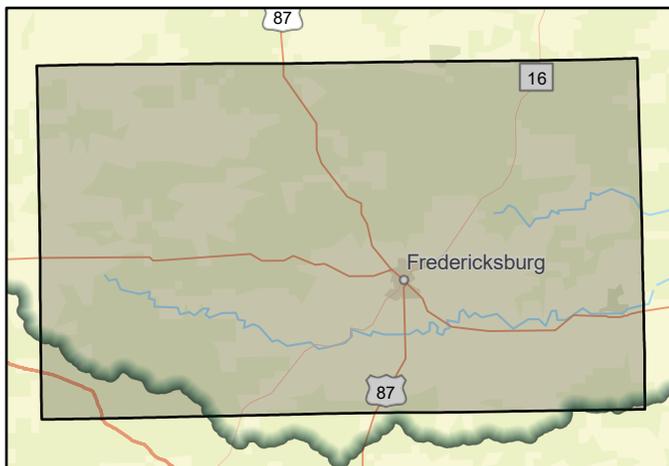
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Goliad County-Flood Risk Education**

ID# **112000140** Sponsor **Goliad (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **This action will create a program to educate the public about specific mitigation actions for hazards, including but no limited to participating in the National Flood Insurance Program.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100204** Drainage area (mi², est.) **858**

County **Goliad**

Existing 100-Year Flood Risk

Population at risk **164** # 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 (miles) **12**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **Gonzales County-Flood Risk Education**

ID# **112000141** Sponsor **Gonzales (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Education and Outreach		
Strategy description	This action will create a program to educate the public about specific mitigation actions for hazards, including but not limited to Participating in the National Flood Insurance Program.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	1,067
Watershed HUC# (if known)	12100203, 12100204, 12100202	County	Gonzales

Existing 100-Year Flood Risk

Population at risk	2,162	# of structures	1,649	Critical facilities	3
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	101,450	Roadway(s) impacted (miles)	124		
Number of low water crossings	55	Historical road closures	-		

100-Year Flood Risk Reduction

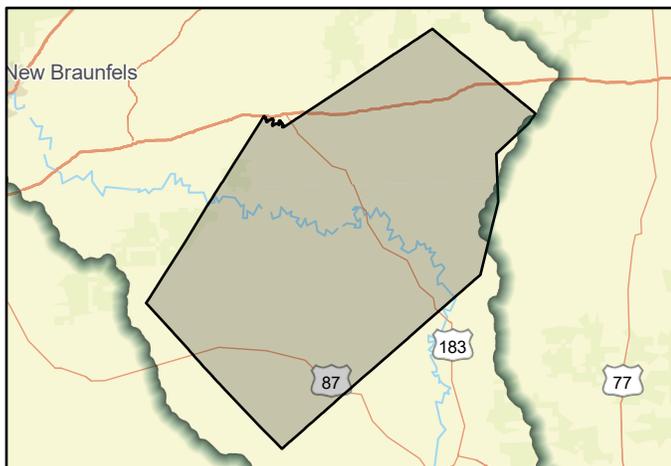
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

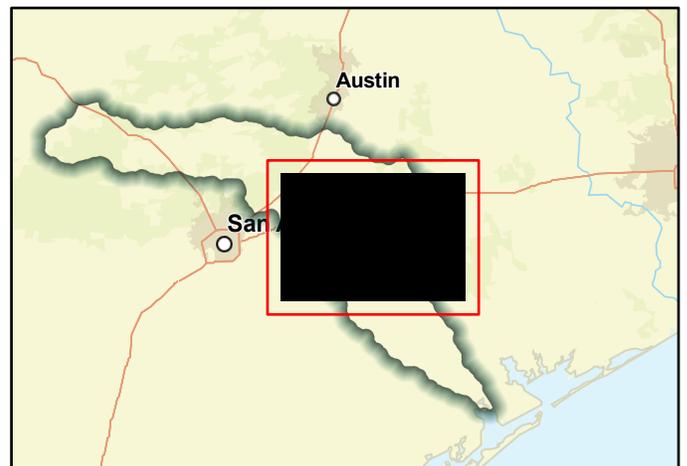
Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

Title **Gonzales County-Flood Risk Education**

ID# **112000142** Sponsor **Gonzales (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Education and Outreach		
Strategy description	This action will create a program designed to educate the public about the NFIP program and increase local participation.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	1,067
Watershed HUC# (if known)	12100203, 12100204, 12100202		County Gonzales

Existing 100-Year Flood Risk

Population at risk	2,162	# of structures	1,649	Critical facilities	3
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	101,450	Roadway(s) impacted (miles)	124		
Number of low water crossings	55	Historical road closures	-		

100-Year Flood Risk Reduction

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

Impacts

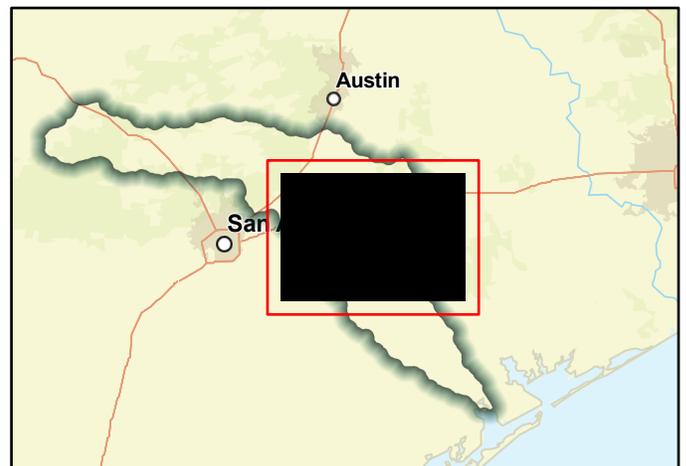
Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

Title **Guadalupe County-Flood Risk Education**
ID# **112000144** Sponsor **Guadalupe (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Education and Outreach		
Strategy description	Educate community on the flood risk in their neighborhoods, the dangers of flooding, driving through flood waters, and risk reduction methods to protect lives and property.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	713
Watershed HUC# (if known)	12100203, 12100202	County	Guadalupe

Existing 100-Year Flood Risk

Population at risk	13,164	# of structures	5,822	Critical facilities	14
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	25,477	Roadway(s) impacted (miles)	117		
Number of low water crossings	130	Historical road closures	-		

100-Year Flood Risk Reduction

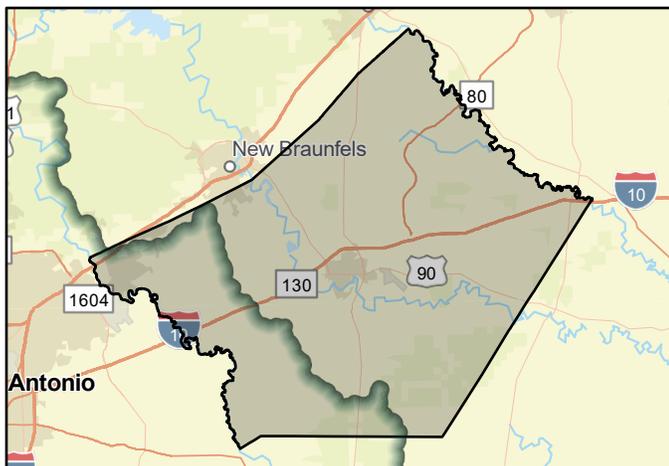
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Guadalupe County-Flood Risk Education**

ID# **112000145** Sponsor **Guadalupe (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Education and Outreach		
Strategy description	Educate community on the dangers of low water crossings through the installation of warning signs and promotion of "Turn Around, Don't Drown" Program.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	713
Watershed HUC# (if known)	12100203, 12100202	County	Guadalupe

Existing 100-Year Flood Risk

Population at risk	13,164	# of structures	5,822	Critical facilities	14
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	25,477	Roadway(s) impacted (miles)	117		
Number of low water crossings	130	Historical road closures	-		

100-Year Flood Risk Reduction

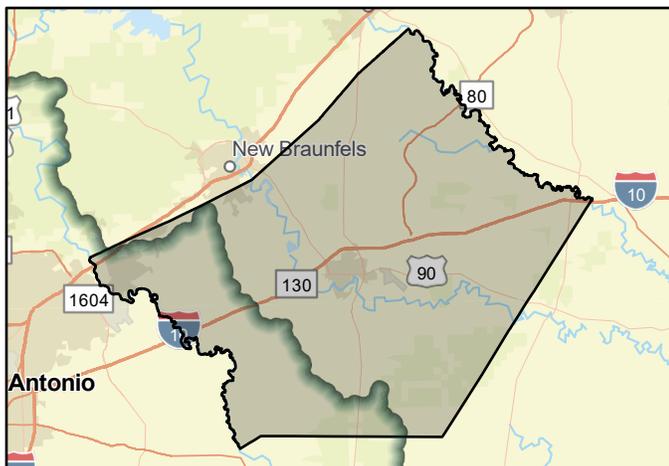
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Hays County-Flood Risk Education**

ID# **112000152** Sponsor **Hays (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Flood Insurance Information Campaign to increase the number of insurance plans.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **676**

County **Hays**

Existing 100-Year Flood Risk

Population at risk **25,061** # of structures **4,359** Critical facilities **15**

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

Farm/Ranch land impacted (acres) **10,537** Roadway(s) impacted (miles) **100**

Number of low water crossings **117** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

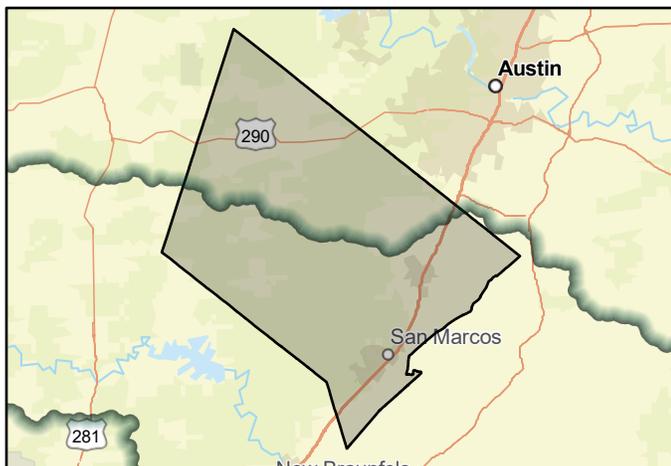
Impacts

Negative impacts? **No** Negative impacts description **N/A**

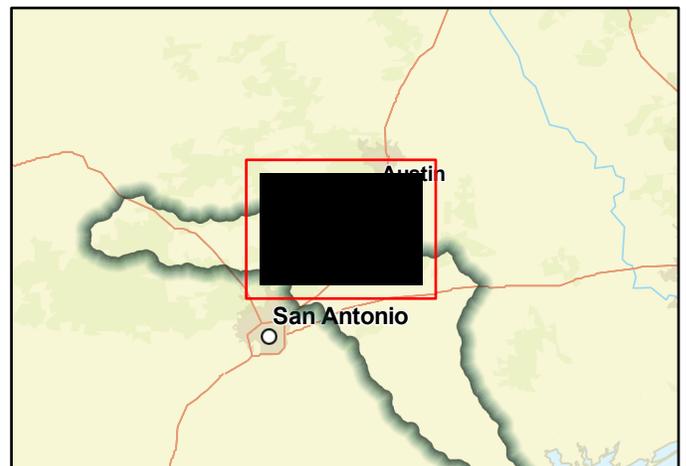
Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$0** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Hays County-Flood Risk Education**

ID# **112000153** Sponsor **Hays (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Increasing public awareness of natural hazards and hazardous areas; distributing public awareness information regarding hazards and potential mitigation measures. Promotional sources would include County website, social media and public education programs**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **676**

County **Hays**

Existing 100-Year Flood Risk

Population at risk **25,061** # of structures **4,359** Critical facilities **15**

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

Farm/Ranch land impacted (acres) **10,537** Roadway(s) impacted (miles) **100**

Number of low water crossings **117** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

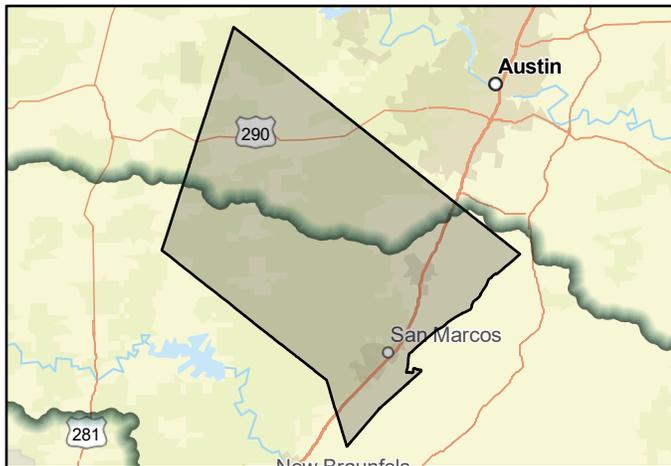
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$0** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Hays County-Floodplain Management Training**

ID# **112000154** Sponsor **Hays (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Send members of the staff or elected official to training in order to receive advanced training modules in floodplain administration.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **676**

County **Hays**

Existing 100-Year Flood Risk

Population at risk **25,061** # of structures **4,359** Critical facilities **15**

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

Farm/Ranch land impacted (acres) **10,537** Roadway(s) impacted (miles) **100**

Number of low water crossings **117** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

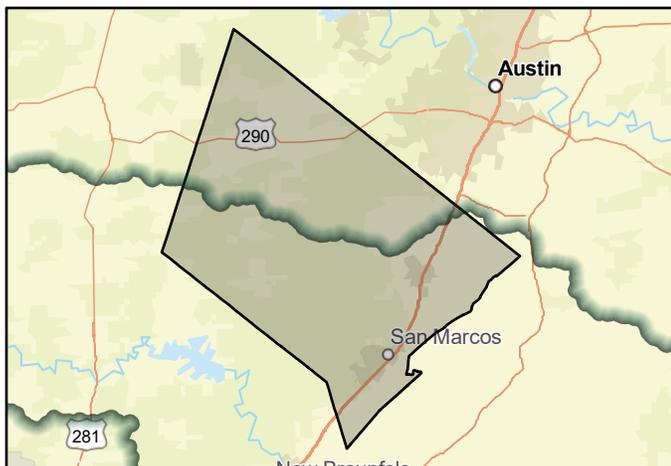
Impacts

Negative impacts? **No** Negative impacts description **N/A**

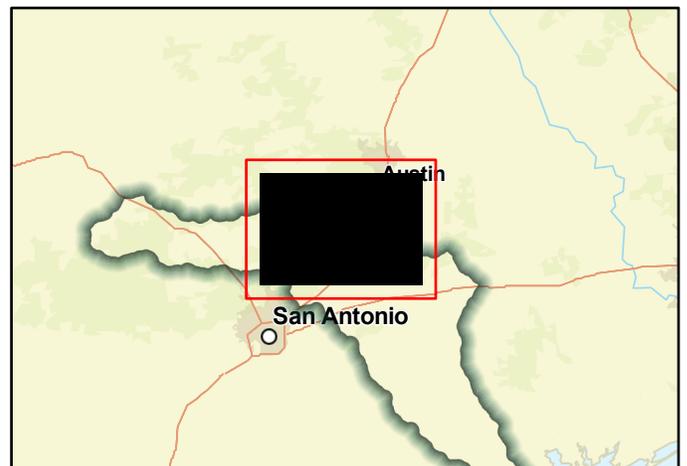
Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$250** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Kendall County-Flood Risk Education**

ID# **112000159** Sponsor **Kendall (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Creation of a GIS map showing all low water crossing in the County and improve county flood risk assessment. Build site, make public, then educate public how to access and use.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203, 12100201** Drainage area (mi², est.) **661**

County **Kendall**

Existing 100-Year Flood Risk

Population at risk **2,040** # of structures **1,374** Critical facilities **4**

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

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

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

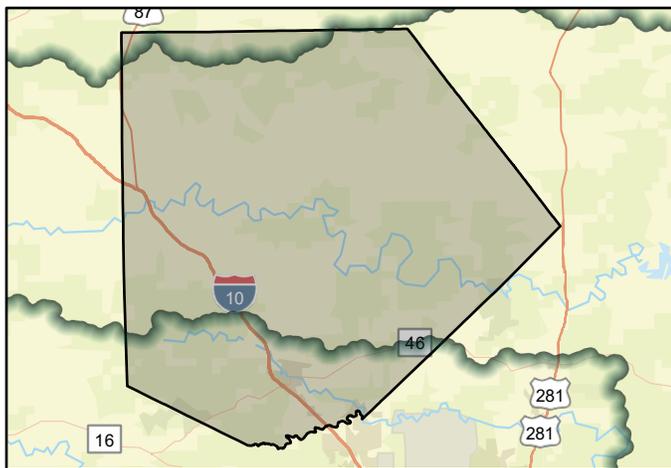
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **Lockhart ISD-Flood Risk Education**

ID# **112000162** Sponsor **Lockhart ISD**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Education and Outreach		
Strategy description	Implement education and awareness program utilizing classrooms, social media, bulletins, flyers, etc. to educate students, parents and area residents of hazards that can threaten the area and mitigation measures to reduce injuries, fatalities, and property		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	16
Watershed HUC# (if known)	12100203	County	Caldwell

Existing 100-Year Flood Risk

Population at risk	275	# of structures	62	Critical facilities	2
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	344	Roadway(s) impacted (miles)	6		
Number of low water crossings	6	Historical road closures	-		

100-Year Flood Risk Reduction

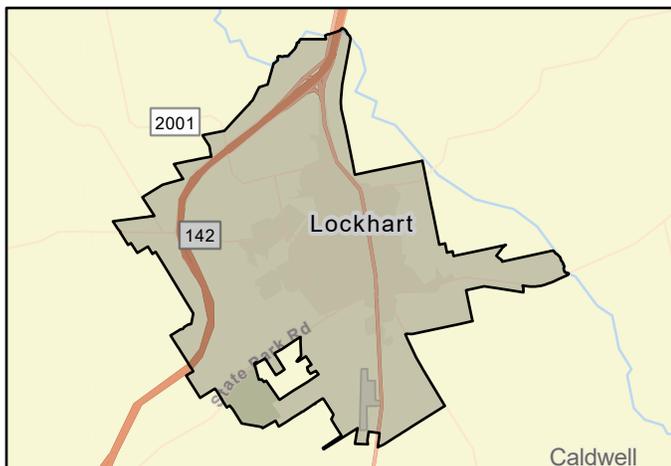
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Luling ISD-Flood Risk Education**

ID# **112000163** Sponsor **Luling ISD**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Implement education and awareness program utilizing classrooms, social media, bulletins, flyers, etc. to educated students, faculty, parents and area residents of hazards that can threaten the area and mitigation measures**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **6**

County **Guadalupe, Caldwell**

Existing 100-Year Flood Risk

Population at risk **335** # of structures **74** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **210** Roadway(s) impacted (miles) **6**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

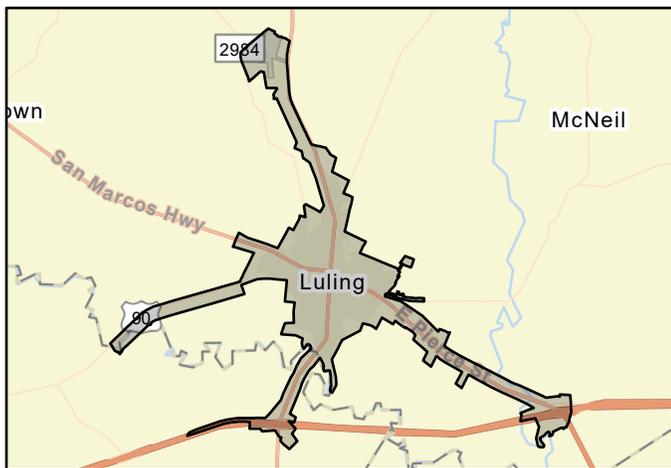
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Martindale Water Supply Corporation-Flood Risk Education**

ID# **112000164** Sponsor **Martindale Water Supply Corporation**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Implement education and awareness program utilizing media, social media, bulletins, flyers, etc. to educate citizens of hazards that can threaten the area and mitigation measures to reduce injuries, fatalities, and property damages within the district.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **2**

County **Guadalupe,Caldwell**

Existing 100-Year Flood Risk

Population at risk **610** # of structures **196** Critical facilities **1**

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

Farm/Ranch land impacted (acres) **53** Roadway(s) impacted (miles) **6**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

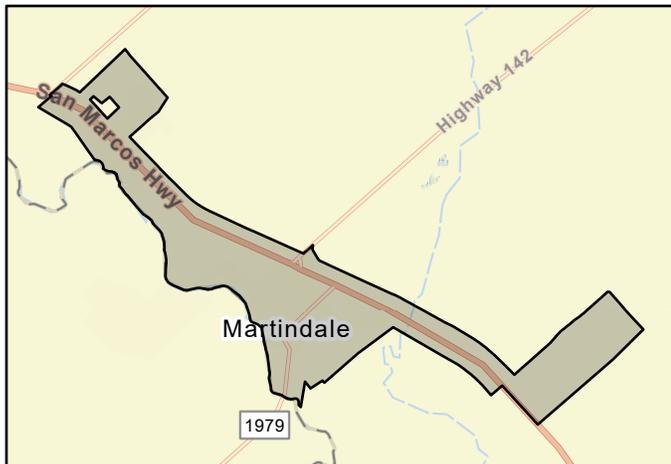
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Maxwell Water Supply Corporation-Flood Early Warning System**

ID# **112000166** Sponsor **Maxwell SUD**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Flood Measurement and Warning**

Strategy description **Acquire and install fixed barriers and warning lights at low water crossings.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **62**

County **Caldwell,Hays**

Existing 100-Year Flood Risk

Population at risk **647** # of structures **250** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **2,515** Roadway(s) impacted (miles) **15**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

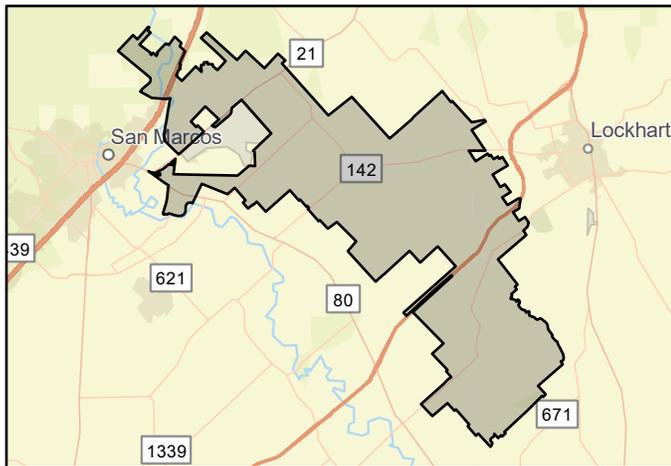
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$15,000** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **Mountain City-Flood Risk Education**

ID# **112000048** Sponsor **Mountain City (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Placing National Flood Insurance Program information brochures in City Hall.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **1**

County **Hays**

Existing 100-Year Flood Risk

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

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

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

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$0** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **Mountain City-Flood Risk Education**

ID# **112000049** Sponsor **Mountain City (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Increase public awareness of flood risk and hazard mitigation.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **1**

County **Hays**

Existing 100-Year Flood Risk

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

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

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

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$0** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Mountain City-Flood Risk Education**

ID# **112000050** Sponsor **Mountain City (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **This action will create a program to educate the public about specific mitigation actions for hazards, including but not limited to flooding through public education workshops that feature experts from various fields.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **1**

County **Hays**

Existing 100-Year Flood Risk

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

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

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

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$2,500** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **Mountain City-Floodplain Management Training**

ID# **112000051** Sponsor **Mountain City (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Education and Outreach		
Strategy description	Send member of the staff or elected official to training in order to become a Certified Floodplain Manager.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	1
Watershed HUC# (if known)	12100203	County	Hays

Existing 100-Year Flood Risk

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

100-Year Flood Risk Reduction

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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$2,500	Amount of available funding	-	% Nature-Based	-
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Plum Creek Conservation District-Flood Risk Education**

ID# **112000167** Sponsor **Plum Creek Conservation District**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Implement education and awareness programs to educate area residents of hazards that can threaten the area and mitigation measures to reduce injuries, fatalities, and property damages within the district.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100202,12100203** Drainage area (mi², est.) **332**

County **Bastrop,Caldwell,Hay**

Existing 100-Year Flood Risk

Population at risk **2,729** # of structures **952** Critical facilities **6**

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

Farm/Ranch land impacted (acres) **24,135** Roadway(s) impacted (miles) **56**

Number of low water crossings **62** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Travis County-Flood Risk Education**

ID# **112000168** Sponsor **Travis (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Education and Outreach		
Strategy description	Distribute flyers to addresses in or near the floodplain to educate citizens on risk, flood insurance, and mitigation measures to reduce risk of flood.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	1,021
Watershed HUC# (if known)	12100203	County	Travis

Existing 100-Year Flood Risk

Population at risk	3	# of structures	7	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	99	Roadway(s) impacted (miles)	0		
Number of low water crossings	1	Historical road closures	-		

100-Year Flood Risk Reduction

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

Impacts

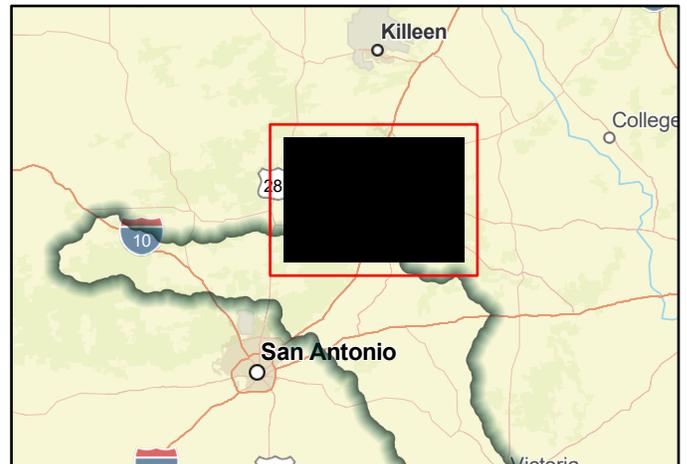
Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

Title **Travis County-Flood Risk Education**

ID# **112000169** Sponsor **Travis (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Education and Outreach		
Strategy description	Presentations to neighborhood organizations. Targeted to specific risk areas, such as flood-prone neighborhoods or near low water crossings. Educate residents on natural hazard risks and mitigation measures to reduce risk.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	1,021
Watershed HUC# (if known)	12100203	County	Travis

Existing 100-Year Flood Risk

Population at risk	3	# of structures	7	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	99	Roadway(s) impacted (miles)	0		
Number of low water crossings	1	Historical road closures	-		

100-Year Flood Risk Reduction

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

Impacts

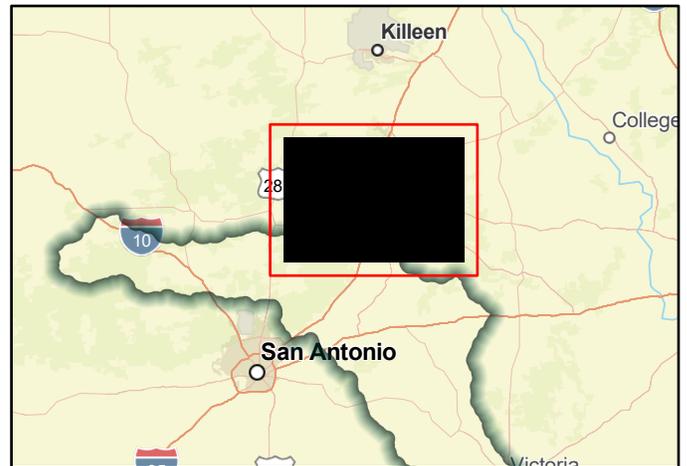
Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

Title **Travis County-Flood Risk Education**

ID# **112000171** Sponsor **Travis (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Education and Outreach		
Strategy description	Increase public awareness of all hazards and hazardous areas. Distribute public awareness information regarding natural hazards, including SFHAs, along with potential mitigation measures that can reduce risk of damages and injuries. Utilize resources such		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	1,021
Watershed HUC# (if known)	12100203	County	Travis

Existing 100-Year Flood Risk

Population at risk	3	# of structures	7	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	99	Roadway(s) impacted (miles)	0		
Number of low water crossings	1	Historical road closures	-		

100-Year Flood Risk Reduction

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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Upper Guadalupe River Authority-Flood Risk Education**

ID# **112000173** Sponsor **Upper Guadalupe River Authority**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **This action will create a program to educate the public about specific mitigation actions for all hazards.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100201** Drainage area (mi², est.) **1,103**

County **Kendall,Kerr,Gillespie**

Existing 100-Year Flood Risk

Population at risk **10,425** # of structures **3,833** Critical facilities **6**

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

Farm/Ranch land impacted (acres) **28,072** Roadway(s) impacted (miles) **124**

Number of low water crossings **158** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

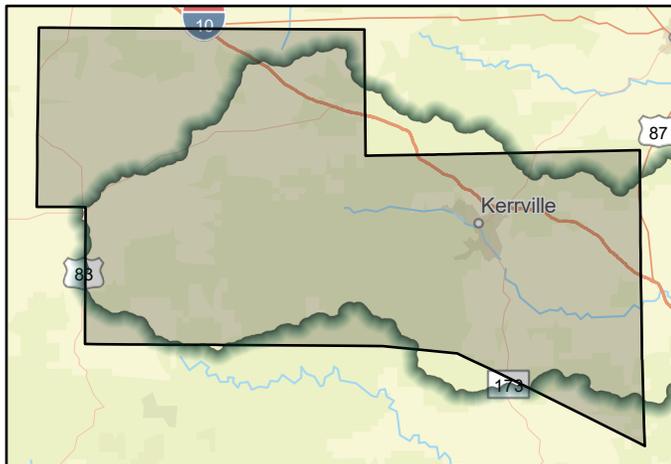
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$0** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Victoria County-Flood Risk Education**

ID# **112000179** Sponsor **Victoria (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Education and Outreach		
Strategy description	Conduct All-Hazards Education and Awareness Program to educate citizens of hazards, risks, and mitigation measures to employ to protect lives and property (include Firewise/WUI campaign).		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	887
Watershed HUC# (if known)	12100303, 12100204, 12100403	County	Victoria

Existing 100-Year Flood Risk

Population at risk	5,945	# of structures	1,808	Critical facilities	49
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	33,696	Roadway(s) impacted (miles)	99		
Number of low water crossings	5	Historical road closures	-		

100-Year Flood Risk Reduction

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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Victoria ISD-Flood Risk Education**

ID# **112000182** Sponsor **Victoria ISD**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Education and Outreach		
Strategy description	Implement a flood awareness program. Educate students on flood mitigation actions to employ at home and ways to protect lives and property.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	37
Watershed HUC# (if known)	12100204	County	Victoria

Existing 100-Year Flood Risk

Population at risk	4,923	# of structures	1,139	Critical facilities	24
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	111	Roadway(s) impacted (miles)	36		
Number of low water crossings	0	Historical road closures	-		

100-Year Flood Risk Reduction

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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Blanco County-Reverse 911**

ID# **112000006** Sponsor **Blanco (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Flood Measurement and Warning**

Strategy description **Install Reverse 911 System. A call will be placed to all registered phones when severe weather is in the area.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203, 12100201** Drainage area (mi², est.) **711**

County **Blanco**

Existing 100-Year Flood Risk

Population at risk **197** # of structures **167** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **4,092** Roadway(s) impacted (miles) **14**

Number of low water crossings **30** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

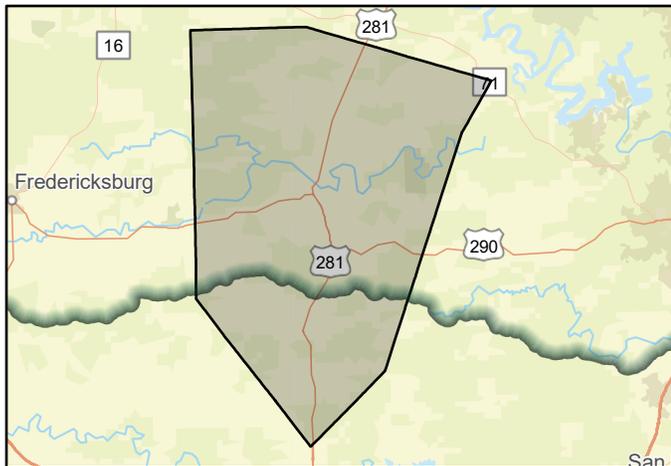
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **Blanco County-Update and Maintain Emergency Management Plan**

ID# **112000007** Sponsor **Blanco (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Flood Measurement and Warning**

Strategy description **Monthly meetings of county emergency personnel. Desktop exercises and drills.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203, 12100201** Drainage area (mi², est.) **711**

County **Blanco**

Existing 100-Year Flood Risk

Population at risk **197** # of structures **167** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **4,092** Roadway(s) impacted (miles) **14**

Number of low water crossings **30** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

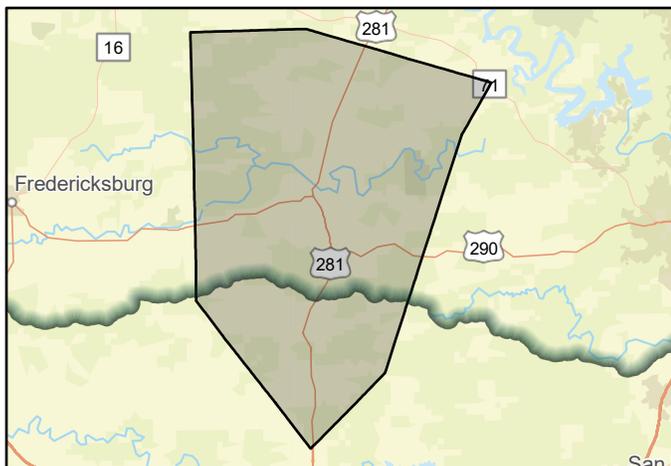
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **ESD #1-Flood Risk Education**

ID# **112000008** Sponsor **Caldwell (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Acquire and install remote sensors to monitor and transmit real-time information of low-water crossings flooding status.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203, 12100202** Drainage area (mi², est.) **545**

County **Caldwell**

Existing 100-Year Flood Risk

Population at risk **2,538** # of structures **937** Critical facilities **7**

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

Farm/Ranch land impacted (acres) **35,718** Roadway(s) impacted (miles) **71**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

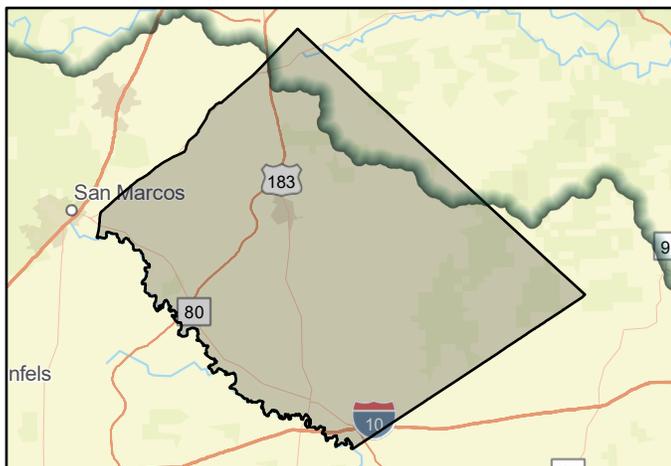
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Buda-Flood Early Warning System**

ID# **112000014** Sponsor **Buda (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Flood Measurement and Warning		
Strategy description	Improve emergency communication/ warning systems (Buda 2030 Comprehensive Plan Action Items PS-1.1, PS-1.2, & PS-1.3)		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	9
Watershed HUC# (if known)	12100203	County	Hays

Existing 100-Year Flood Risk

Population at risk	1	# of structures	3	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	8	Roadway(s) impacted (miles)	1		
Number of low water crossings	1	Historical road closures	-		

100-Year Flood Risk Reduction

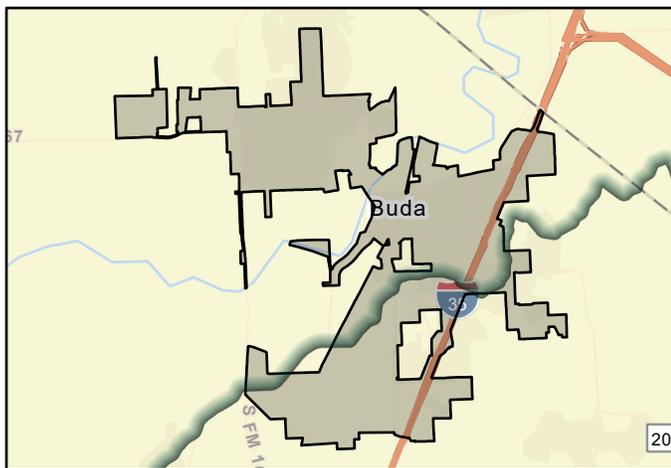
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of Kyle-Evacuation Planning**
ID# **112000035** Sponsor **Kyle (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Flood Measurement and Warning**
Strategy description **Documentation of an evacuation plan that includes multiple ingress/egress routes.**
Associated FME's **-** Associated FMP's **-**
Associated FMS's **-**
Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **31**
County **Hays**

Existing 100-Year Flood Risk

Population at risk **1,030** # of structures **422** Critical facilities **0**
Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**
Farm/Ranch land impacted (acres) **727** Roadway(s) impacted (miles) **7**
Number of low water crossings **9** Historical road closures **-**

100-Year Flood Risk Reduction

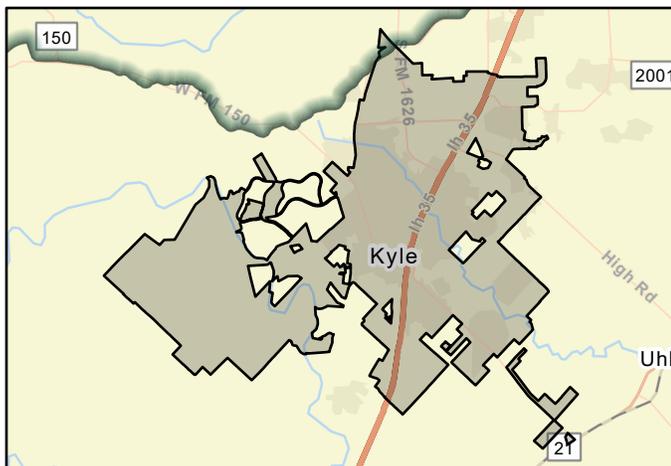
Population removed from 100-yr **0** # of structures removed from 100-yr **0**
Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**
Road removed from 100-yr (miles) **0** Low water crossings removed from 100-yr **0**
Other benefits **N/A** Reduction in # of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

Impacts

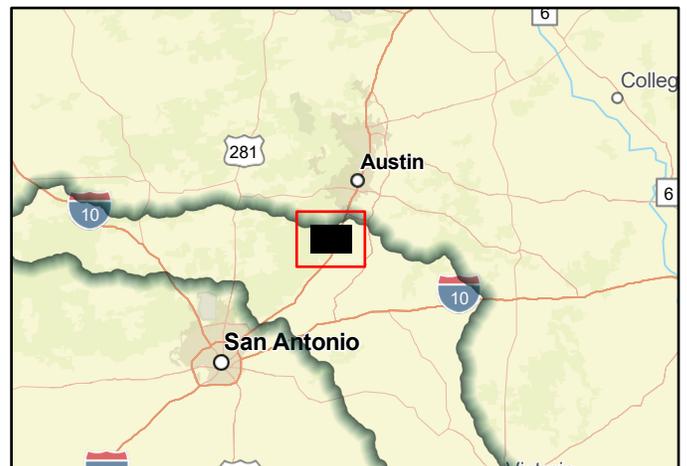
Negative impacts? **No** Negative impacts description **N/A**
Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of Kyle-Evacuation Planning**

ID# **112000036** Sponsor **Kyle (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Flood Measurement and Warning		
Strategy description	Coordinate with dam owners to coordinate and train for potential dam failures, including evacuation planning.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	31
Watershed HUC# (if known)	12100203	County	Hays

Existing 100-Year Flood Risk

Population at risk	1,030	# of structures	422	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	727	Roadway(s) impacted (miles)	7		
Number of low water crossings	9	Historical road closures	-		

100-Year Flood Risk Reduction

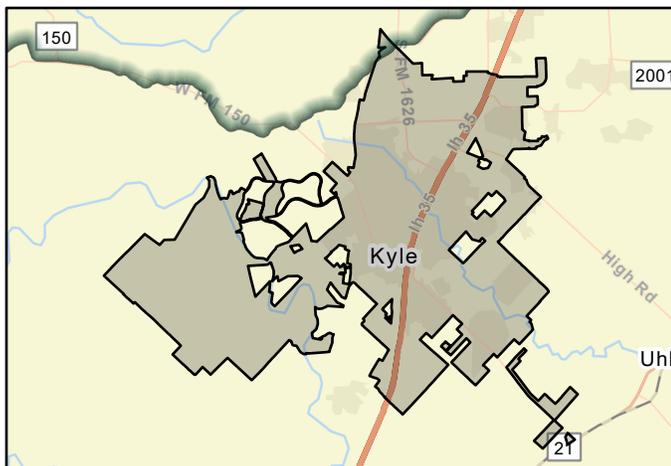
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

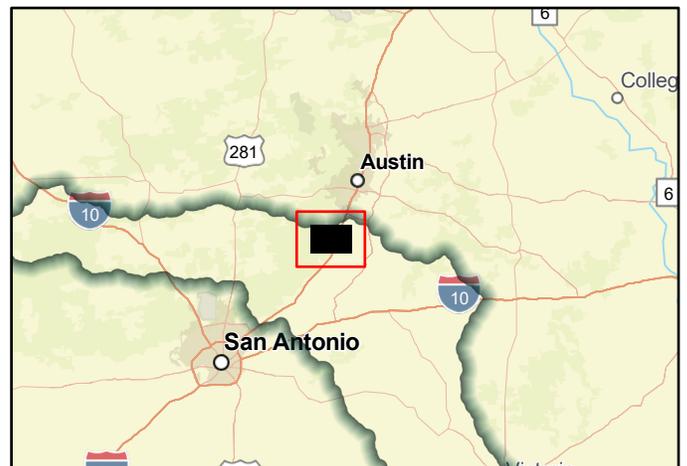
Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Lockhart ISD-Flood Risk Education**

ID# **112000042** Sponsor **Lockhart (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Education and Outreach		
Strategy description	Enhance early warning systems		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	16
Watershed HUC# (if known)	12100203	County	Caldwell

Existing 100-Year Flood Risk

Population at risk	275	# of structures	62	Critical facilities	2
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	344	Roadway(s) impacted (miles)	6		
Number of low water crossings	6	Historical road closures	-		

100-Year Flood Risk Reduction

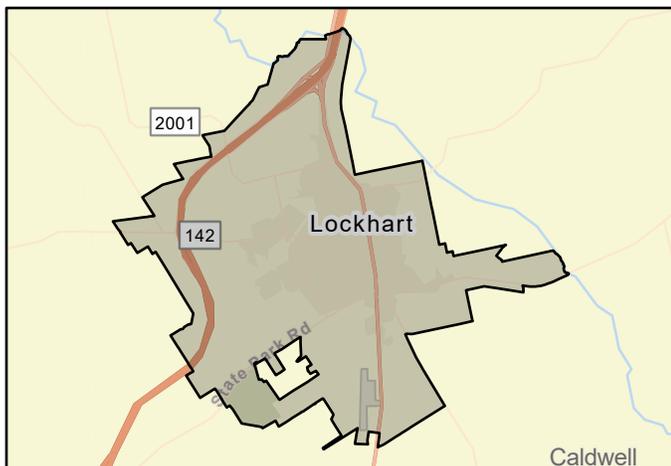
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Luling ISD-Flood Risk Education**

ID# **112000043** Sponsor **Luling (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Acquire and install fixed barriers and warning lights at high flood hazard roadways.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **6**

County **Guadalupe, Caldwell**

Existing 100-Year Flood Risk

Population at risk **335** # of structures **74** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **210** Roadway(s) impacted (miles) **6**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

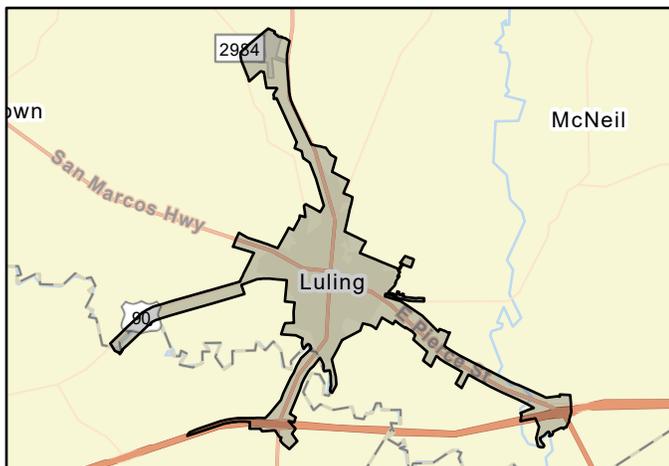
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Martindale Water Supply Corporation-Flood Risk Education**

ID# **112000045** Sponsor **Martindale (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Acquire and install fixed barriers and warning lights at high flood hazard roadways.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **2**

County **Guadalupe, Caldwell**

Existing 100-Year Flood Risk

Population at risk **610** # of structures **196** Critical facilities **1**

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

Farm/Ranch land impacted (acres) **53** Roadway(s) impacted (miles) **6**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

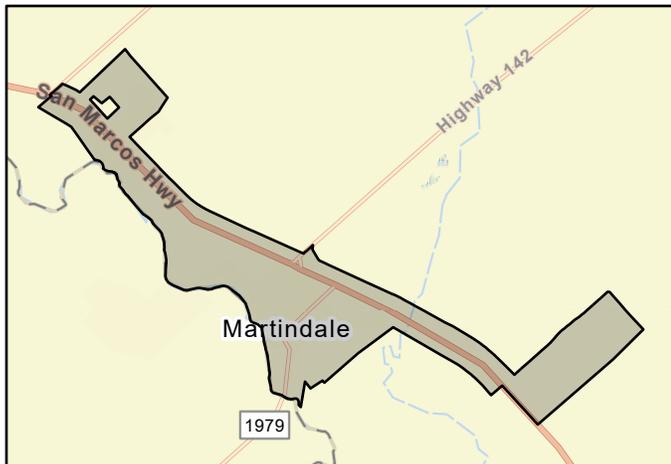
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Niederwald-Evacuation Planning**

ID# **112000055** Sponsor **Niederwald (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Flood Measurement and Warning		
Strategy description	Create a formal evacuation plan/procedures to evacuate the community and provide residents evacuation messaging, alternate routes, and returning to the community safely.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	4
Watershed HUC# (if known)	12100203	County	Caldwell,Hays

Existing 100-Year Flood Risk

Population at risk	24	# of structures	9	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	150	Roadway(s) impacted (miles)	1		
Number of low water crossings	2	Historical road closures	-		

100-Year Flood Risk Reduction

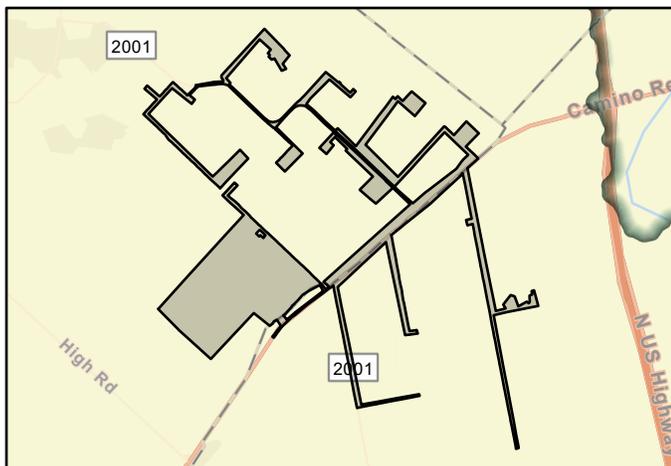
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Niederwald-Evacuation Planning**

ID# **112000056** Sponsor **Niederwald (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Flood Measurement and Warning**

Strategy description **Coordination with the US Army Corps of Engineers to participate in a tabletop exercise that provides the community leaders with insight on the USACE emergency procedures and evacuation plan.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **4**

County **Caldwell,Hays**

Existing 100-Year Flood Risk

Population at risk **24** # of structures **9** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **150** Roadway(s) impacted (miles) **1**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

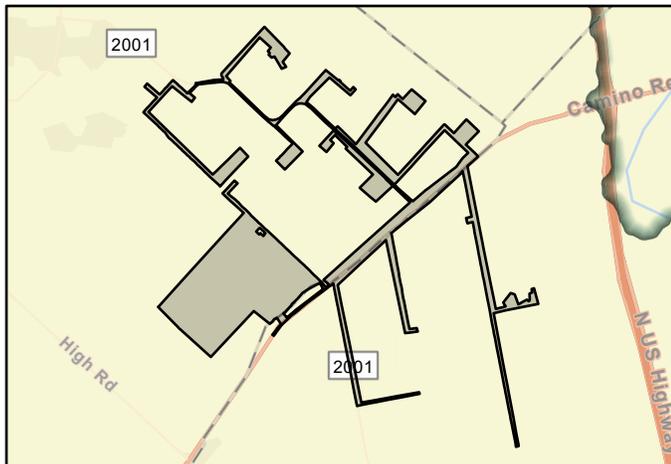
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$0** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of Niederwald-NOAA All-hazard Radios**

ID# **112000062** Sponsor **Niederwald (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Flood Measurement and Warning**

Strategy description **Installation of permanent weather radio and weather station at City of Niederwald structures, with back-up power source. Create phone tree with volunteer responsibilities for non-critical hazard call down messaging, such as drought alerts**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **4**

County **Caldwell,Hays**

Existing 100-Year Flood Risk

Population at risk **24** # of structures **9** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **150** Roadway(s) impacted (miles) **1**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

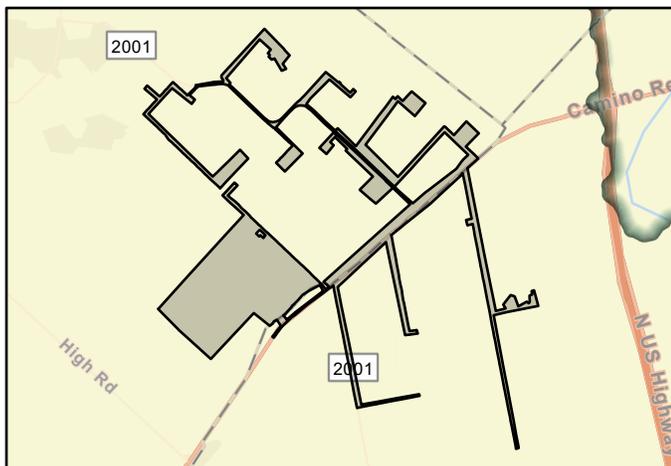
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$500** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Niederwald-StormReady City**

ID# **112000063** Sponsor **Niederwald (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Flood Measurement and Warning**

Strategy description **Application preparation and submission for StormReady designation from the National Weather Service that attests to the community's level of preparedness for severe winter.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **4**

County **Caldwell,Hays**

Existing 100-Year Flood Risk

Population at risk **24** # of structures **9** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **150** Roadway(s) impacted (miles) **1**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

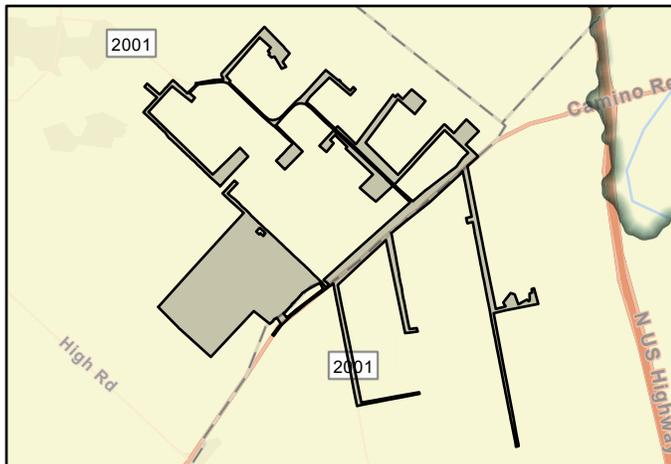
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$0** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of San Marcos-Evacuation Planning**

ID# **112000069** Sponsor **San Marcos (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Flood Measurement and Warning		
Strategy description	Documentation of an evacuation plan that includes multiple exits for leaving the community. Possible construction of new roads to provide alternate routes for evacuation for areas that have limited or hazardous points of ingress/egress.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	36
Watershed HUC# (if known)	12100203	County	Guadalupe,Caldwell,

Existing 100-Year Flood Risk

Population at risk	19,605	# of structures	2,270	Critical facilities	14
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	822	Roadway(s) impacted (miles)	48		
Number of low water crossings	12	Historical road closures	-		

100-Year Flood Risk Reduction

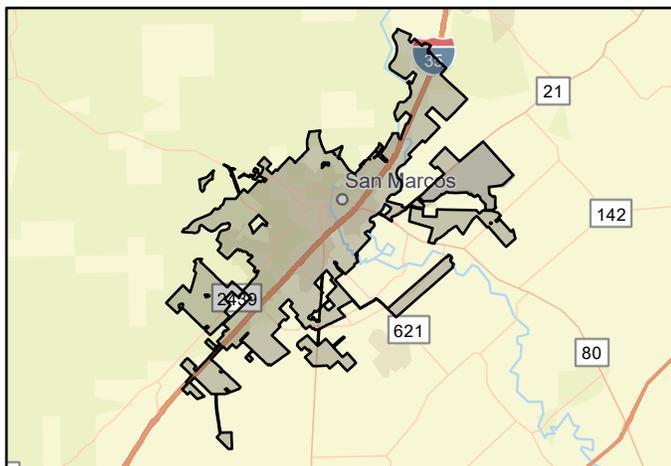
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

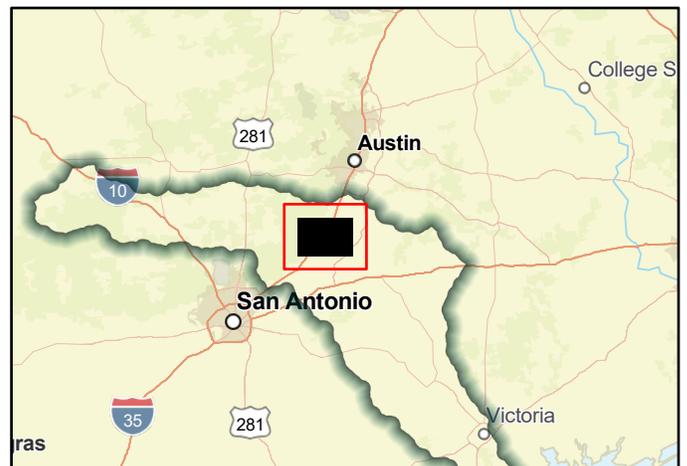
Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of San Marcos-Evacuation Planning**

ID# **112000070** Sponsor **San Marcos (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Flood Measurement and Warning		
Strategy description	Coordinate with dam owners to coordinate and train for potential dam failures, including evacuation planning. Make inundation maps public.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	36
Watershed HUC# (if known)	12100203	County	Guadalupe,Caldwell,

Existing 100-Year Flood Risk

Population at risk	19,605	# of structures	2,270	Critical facilities	14
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	822	Roadway(s) impacted (miles)	48		
Number of low water crossings	12	Historical road closures	-		

100-Year Flood Risk Reduction

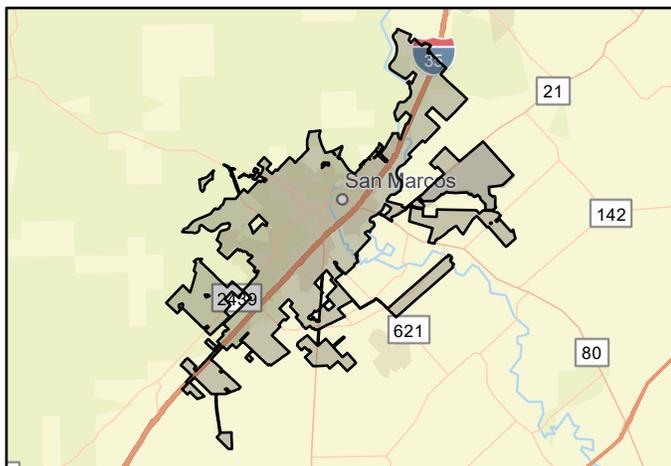
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

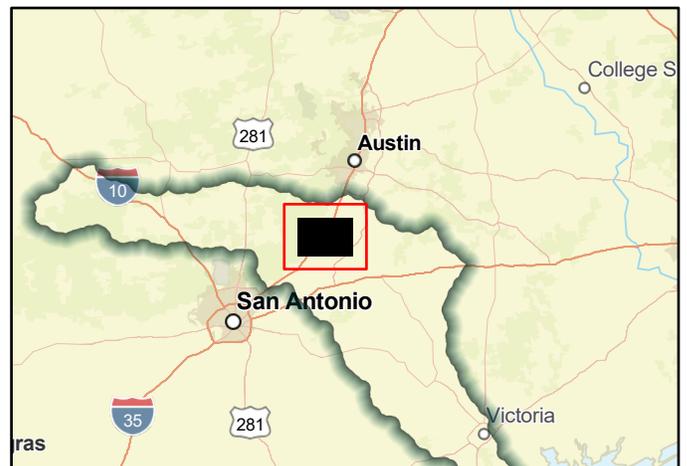
Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of San Marcos-Flood Early Warning System**

ID# **112000071** Sponsor **San Marcos (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Flood Measurement and Warning**

Strategy description **Increase number of barricades for low water crossings.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **36**

County **Guadalupe,Caldwell,**

Existing 100-Year Flood Risk

Population at risk **19,605** # of structures **2,270** Critical facilities **14**

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

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

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

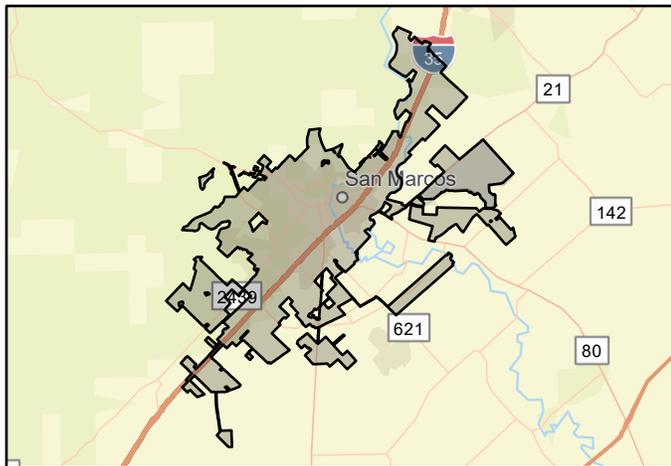
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Seguin-Flood Early Warning System**

ID# **112000078** Sponsor **Seguin (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Flood Measurement and Warning**

Strategy description **Place flooded area warning lights to prevent unnecessary traffic in flooded areas.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100202** Drainage area (mi², est.) **38**

County **Guadalupe**

Existing 100-Year Flood Risk

Population at risk **3,046** # of structures **846** Critical facilities **5**

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

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

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

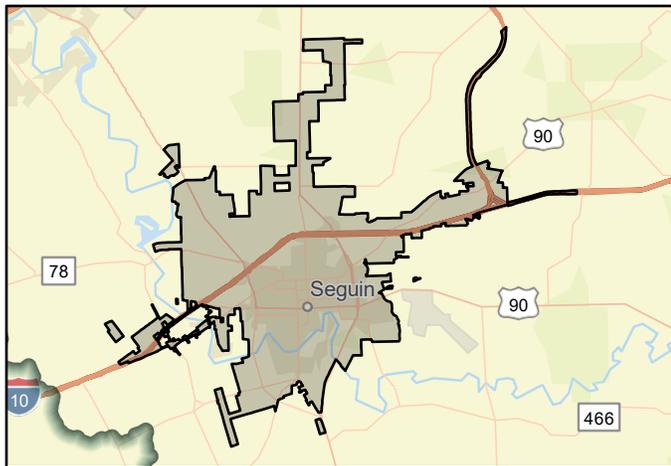
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Uhland-Evacuation Planning**

ID# **112000084** Sponsor **Uhland (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Flood Measurement and Warning		
Strategy description	Documentation of an evacuation plan that includes multiple exits for leaving the community (currently the existing ingress/egress routes are subject to flooding)		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	3
Watershed HUC# (if known)	12100203	County	Caldwell,Hays

Existing 100-Year Flood Risk

Population at risk	34	# of structures	27	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	94	Roadway(s) impacted (miles)	2		
Number of low water crossings	3	Historical road closures	-		

100-Year Flood Risk Reduction

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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Uhland-NOAA All-hazard Radios**

ID# **112000089** Sponsor **Uhland (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Flood Measurement and Warning**

Strategy description **Purchase of permanent weather radio and weather station equipment for all public facilities with back-up power source. Establishment of a community phone tree to be the manual process for reaching residents for times that standard technology fails. This w**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **3**

County **Caldwell,Hays**

Existing 100-Year Flood Risk

Population at risk **34** # of structures **27** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **94** Roadway(s) impacted (miles) **2**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$500** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Umland-StormReady City**

ID# **112000090** Sponsor **Umland (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Flood Measurement and Warning		
Strategy description	Application for designation that classifies community's level of preparedness for severe weather and storms.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	3
Watershed HUC# (if known)	12100203	County	Caldwell,Hays

Existing 100-Year Flood Risk

Population at risk	34	# of structures	27	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	94	Roadway(s) impacted (miles)	2		
Number of low water crossings	3	Historical road closures	-		

100-Year Flood Risk Reduction

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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Victoria ISD-Flood Risk Education**

ID# **112000091** Sponsor **Victoria (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Strengthen and improve emergency response and recovery through the purchase of specialized equipment and training.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100204** Drainage area (mi², est.) **37**

County **Victoria**

Existing 100-Year Flood Risk

Population at risk **4,923** # of structures **1,139** Critical facilities **24**

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

Farm/Ranch land impacted (acres) **111** Roadway(s) impacted (miles) **36**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Victoria ISD-Flood Risk Education**

ID# **112000092** Sponsor **Victoria (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Upgrade existing 911, PSAP, and communication systems to eliminate duplications and system failures.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100204** Drainage area (mi², est.) **37**

County **Victoria**

Existing 100-Year Flood Risk

Population at risk **4,923** # of structures **1,139** Critical facilities **24**

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

Farm/Ranch land impacted (acres) **111** Roadway(s) impacted (miles) **36**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type	<input type="text" value="Flood Measurement and Warning"/>		
Strategy description	<input type="text" value="Documentation of an evacuation plan that includes multiple exits for leaving the community."/>		
Associated FME's	<input type="text" value="-"/>	Associated FMP's	<input type="text" value="-"/>
Associated FMS's	<input type="text" value="-"/>	Drainage area (mi ² , est.)	<input type="text" value="9"/>
Watershed HUC# (if known)	<input type="text" value="12100203"/>	County	<input type="text" value="Hays"/>

Existing 100-Year Flood Risk

Population at risk	<input type="text" value="661"/>	# of structures	<input type="text" value="503"/>	Critical facilities	<input type="text" value="0"/>
Flood risk type:	Riverine? <input type="text" value="Yes"/>	Coastal? <input type="text" value="No"/>	Local? <input type="text" value="No"/>	Playa? <input type="text" value="No"/>	Other? <input type="text" value="No"/>
Farm/Ranch land impacted (acres)	<input type="text" value="25"/>	Roadway(s) impacted (miles)	<input type="text" value="8"/>		
Number of low water crossings	<input type="text" value="6"/>	Historical road closures	<input type="text" value="-"/>		

100-Year Flood Risk Reduction

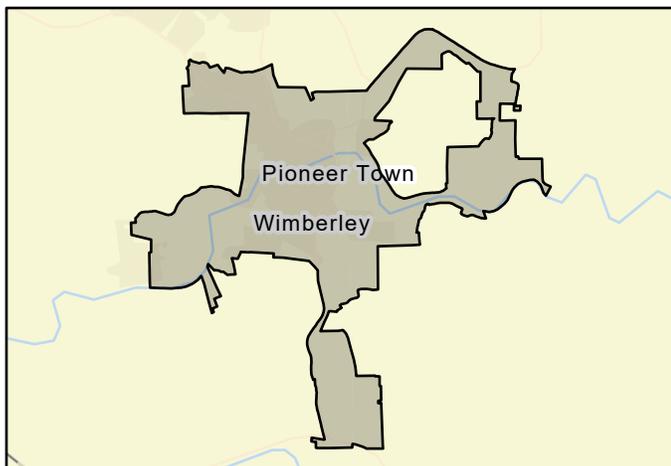
Population removed from 100-yr	<input type="text" value="0"/>	# of structures removed from 100-yr	<input type="text" value="0"/>
Critical facilities removed from 100-yr	<input type="text" value="0"/>	Farm/Ranch land removed from 100-yr (acres)	<input type="text" value="0"/>
Road removed from 100-yr (miles)	<input type="text" value="0"/>	Low water crossings removed from 100-yr	<input type="text" value="0"/>
Other benefits	<input type="text" value="N/A"/>	Reduction in # of road closures over 10 years	<input type="text" value="0"/>

Impacts

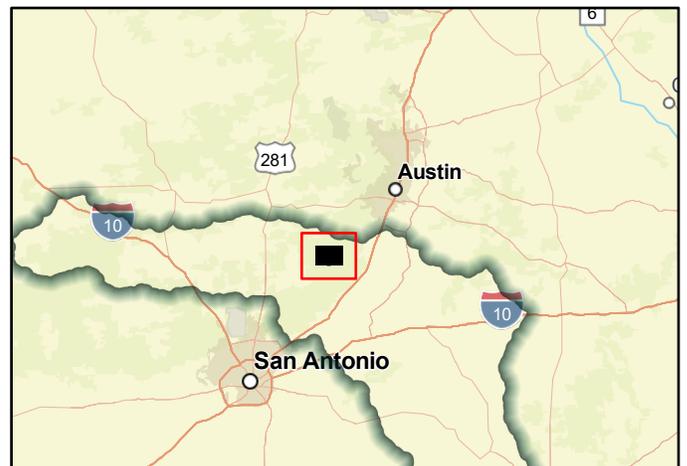
Negative impacts?	<input type="text" value="No"/>	Negative impacts description	<input type="text" value="N/A"/>
Water supply contributions?	<input type="text" value="No"/>	Water supply contribution description	<input type="text" value="-"/>

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of Wimberley-StormReady City**

ID# **112000107** Sponsor **Wimberley (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Flood Measurement and Warning		
Strategy description	Application for designation that classifies community's level of preparedness for severe weather and storms.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	9
Watershed HUC# (if known)	12100203	County	Hays

Existing 100-Year Flood Risk

Population at risk	661	# of structures	503	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	25	Roadway(s) impacted (miles)	8		
Number of low water crossings	6	Historical road closures	-		

100-Year Flood Risk Reduction

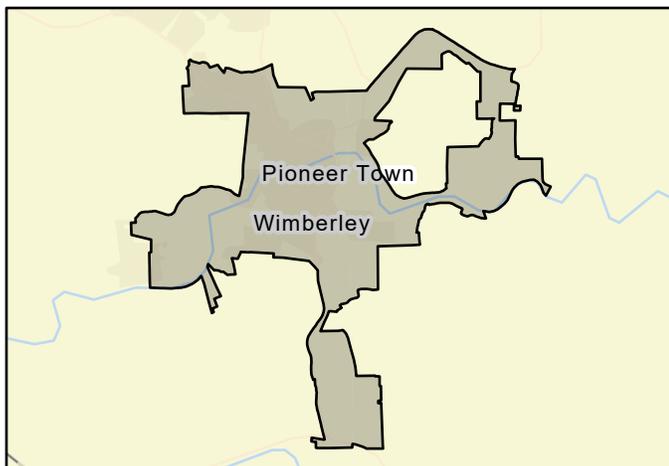
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

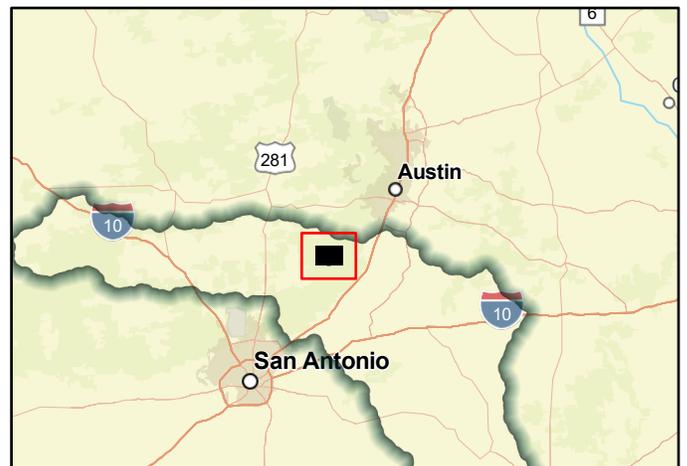
Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of Woodcreek-Evacuation Planning**

ID# **112000108** Sponsor **Woodcreek (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Flood Measurement and Warning		
Strategy description	Documentation of an evacuation plan that includes multiple exits for the community.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	1
Watershed HUC# (if known)	12100203	County	Hays

Existing 100-Year Flood Risk

Population at risk	57	# of structures	37	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	4	Roadway(s) impacted (miles)	1		
Number of low water crossings	2	Historical road closures	-		

100-Year Flood Risk Reduction

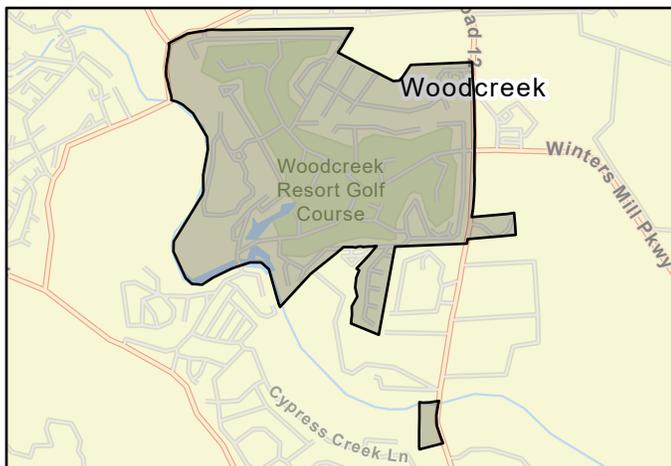
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

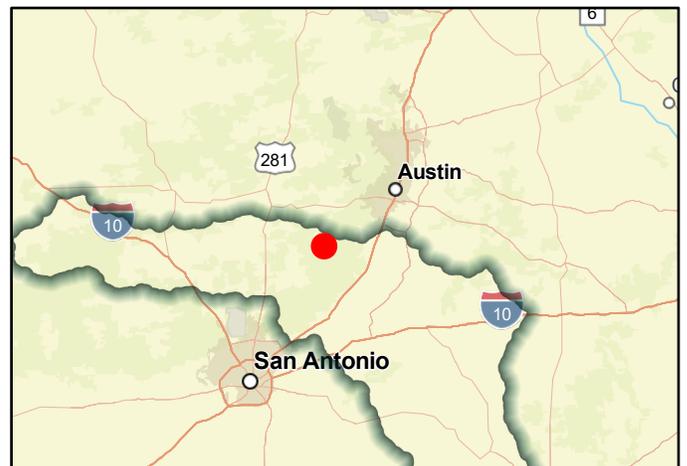
Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Woodcreek-Flood Early Warning System**

ID# **112000109** Sponsor **Woodcreek (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Flood Measurement and Warning**

Strategy description **Provide a secondary means of communication from an LCRA system for members of the City staff in the event of cell phone network unavailability (common during disasters).**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **1**

County **Hays**

Existing 100-Year Flood Risk

Population at risk **57** # of structures **37** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **4** Roadway(s) impacted (miles) **1**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

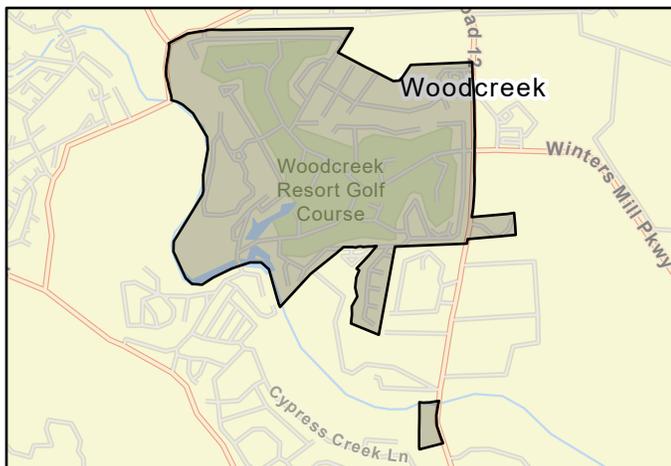
Impacts

Negative impacts? **No** Negative impacts description **N/A**

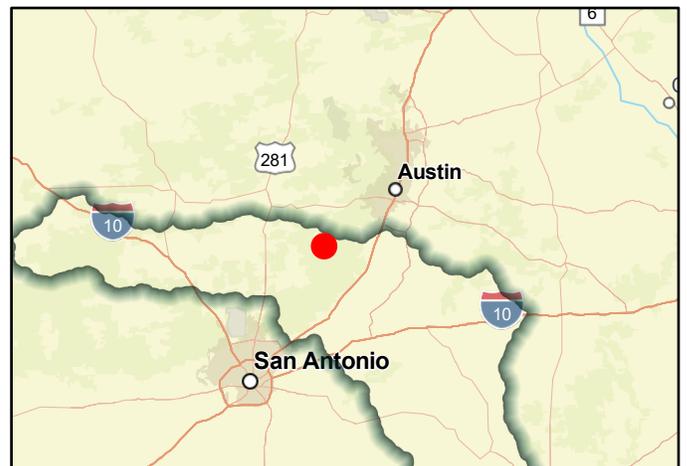
Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$200** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of Woodcreek-Reverse 911**

ID# **112000114** Sponsor **Woodcreek (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Flood Measurement and Warning		
Strategy description	Establishment of a community promotion for enrollment in CAPCOG's reverse calling system. The community currently has a system for texts and email		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	1
Watershed HUC# (if known)	12100203	County	Hays

Existing 100-Year Flood Risk

Population at risk	57	# of structures	37	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	4	Roadway(s) impacted (miles)	1		
Number of low water crossings	2	Historical road closures	-		

100-Year Flood Risk Reduction

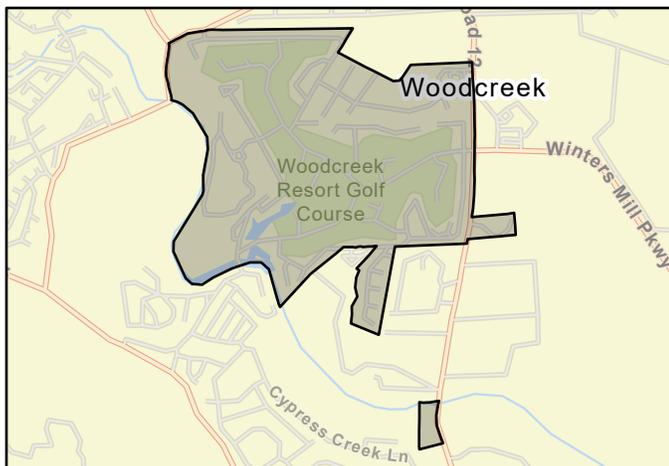
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

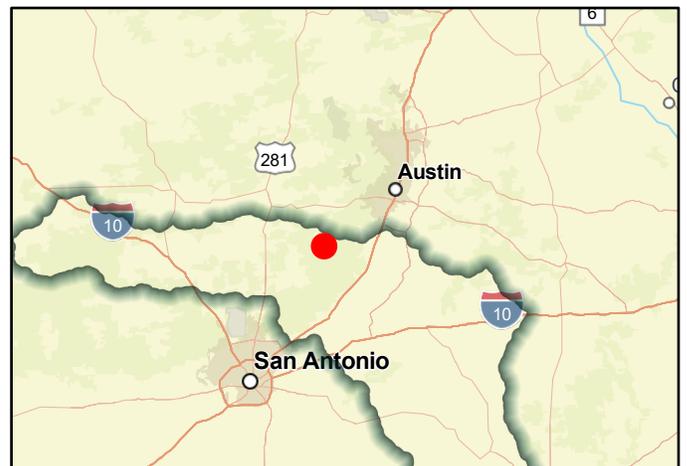
Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of Woodcreek-StormReady City**

ID# **112000115** Sponsor **Woodcreek (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Flood Measurement and Warning		
Strategy description	Application for designation that classifies community's level of preparedness for severe weather and storms.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	1
Watershed HUC# (if known)	12100203	County	Hays

Existing 100-Year Flood Risk

Population at risk	57	# of structures	37	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	4	Roadway(s) impacted (miles)	1		
Number of low water crossings	2	Historical road closures	-		

100-Year Flood Risk Reduction

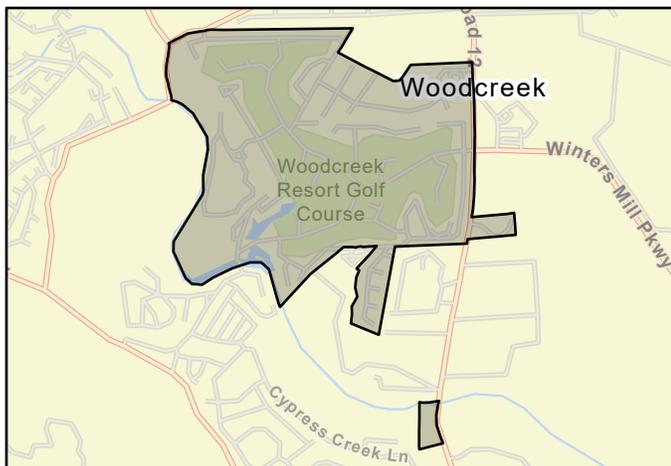
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

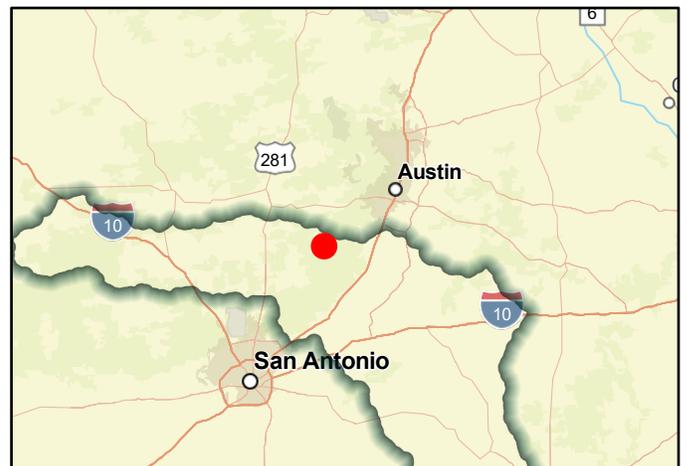
Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

Title **Comal County-Flood Early Warning System**

ID# **112000119** Sponsor **Comal (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Flood Measurement and Warning		
Strategy description	Acquire and install cameras at existing flood retarding structures.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	573
Watershed HUC# (if known)	12100203, 12100202, 12100201	County	Comal

Existing 100-Year Flood Risk

Population at risk	11,115	# of structures	3,677	Critical facilities	6
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	9,463	Roadway(s) impacted (miles)	93		
Number of low water crossings	77	Historical road closures	-		

100-Year Flood Risk Reduction

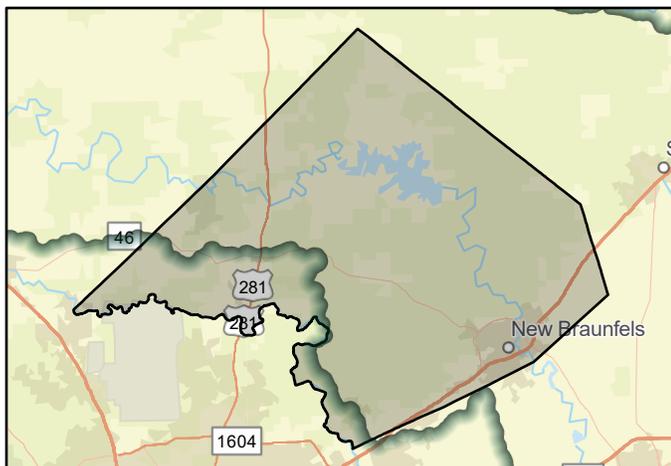
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

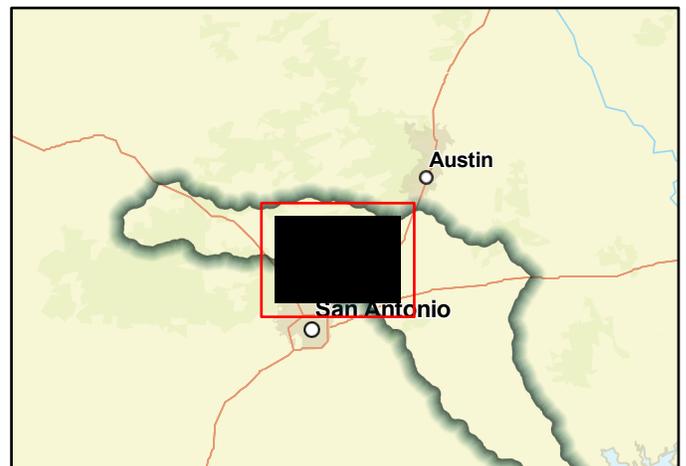
Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

Title **Comal County-Flood Early Warning System**

ID# **112000120** Sponsor **Comal (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Flood Measurement and Warning		
Strategy description	Purchase and install automated advanced warning systems at low water crossing throughout the county.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	573
Watershed HUC# (if known)	12100203, 12100202, 12100201	County	Comal

Existing 100-Year Flood Risk

Population at risk	11,115	# of structures	3,677	Critical facilities	6
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	9,463	Roadway(s) impacted (miles)	93		
Number of low water crossings	77	Historical road closures	-		

100-Year Flood Risk Reduction

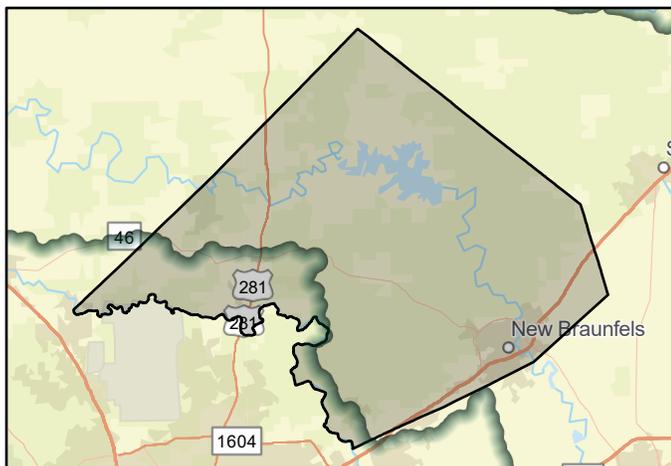
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Comal County-Flood Early Warning System**

ID# **112000121** Sponsor **Comal (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Flood Measurement and Warning**

Strategy description **Expand early warning system to include all hazards.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203, 12100202, 12100201** Drainage area (mi², est.) **573**

County **Comal**

Existing 100-Year Flood Risk

Population at risk **11,115** # of structures **3,677** Critical facilities **6**

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

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

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

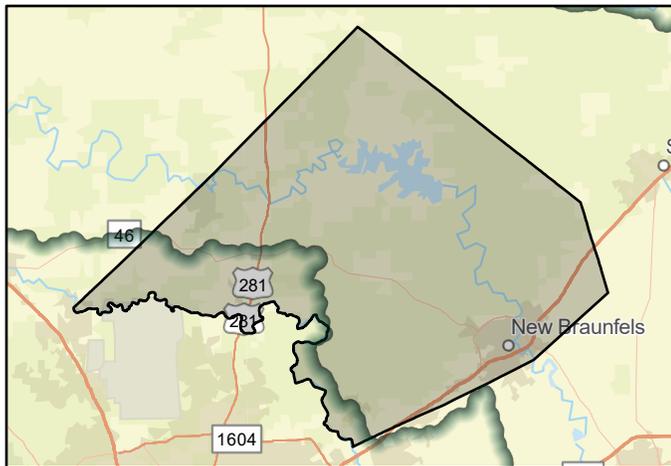
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$25,000** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **Comal County-Flood Early Warning System**

ID# **112000122** Sponsor **Comal (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Flood Measurement and Warning		
Strategy description	Acquire and install stream gauges throughout the planning areas as needed.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	573
Watershed HUC# (if known)	12100203, 12100202, 12100201	County	Comal

Existing 100-Year Flood Risk

Population at risk	11,115	# of structures	3,677	Critical facilities	6
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	9,463	Roadway(s) impacted (miles)	93		
Number of low water crossings	77	Historical road closures	-		

100-Year Flood Risk Reduction

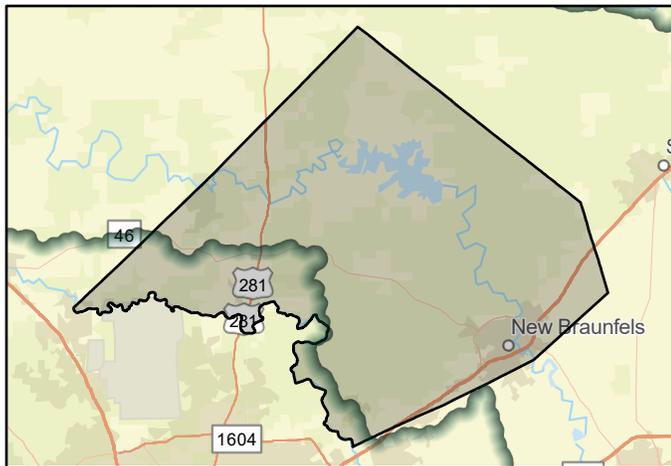
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$200,000	Amount of available funding	-	% Nature-Based	-
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **Comal County-Low Water Crossing Improvements**

ID# **112000126** Sponsor **Comal (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Flood Measurement and Warning		
Strategy description	Upgrade low water crossings with larger culverts and elevated roadways where feasible. Acquire easement and/or right of ways adjacent to River Road for first responder access and helicopter landing zones during flood events that cutoff access to this area		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	573
Watershed HUC# (if known)	12100203, 12100202, 12100201	County	Comal

Existing 100-Year Flood Risk

Population at risk	11,115	# of structures	3,677	Critical facilities	6
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	9,463	Roadway(s) impacted (miles)	93		
Number of low water crossings	77	Historical road closures	-		

100-Year Flood Risk Reduction

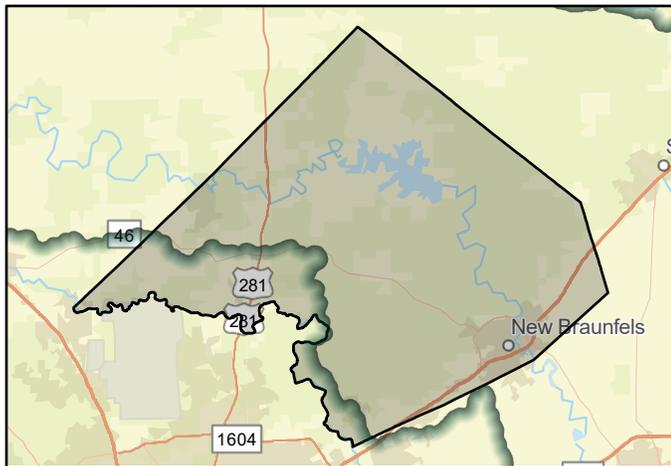
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$150,000	Amount of available funding	-	% Nature-Based	-
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **ESD #3-Flood Risk Education**

ID# **112000132** Sponsor **ESD #3**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Educate community on the dangers of low water crossings through the installation of warning signs and promotion of "Turn Around, Don't Drown" Program.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203, 12100202** Drainage area (mi², est.) **545**

County **Caldwell**

Existing 100-Year Flood Risk

Population at risk **2,538** # of structures **937** Critical facilities **7**

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

Farm/Ranch land impacted (acres) **35,718** Roadway(s) impacted (miles) **71**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

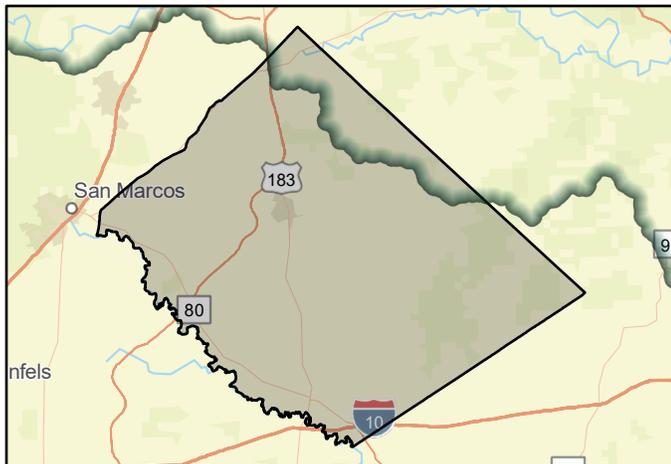
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **ESD #3-Flood Risk Education**

ID# **112000133** Sponsor **ESD #3**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Educate community on the dangers of low water crossings through the installation of warning signs and promotion of "Turn Around, Don't Drown" Program.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203, 12100202** Drainage area (mi², est.) **545**

County **Caldwell**

Existing 100-Year Flood Risk

Population at risk **2,538** # of structures **937** Critical facilities **7**

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

Farm/Ranch land impacted (acres) **35,718** Roadway(s) impacted (miles) **71**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

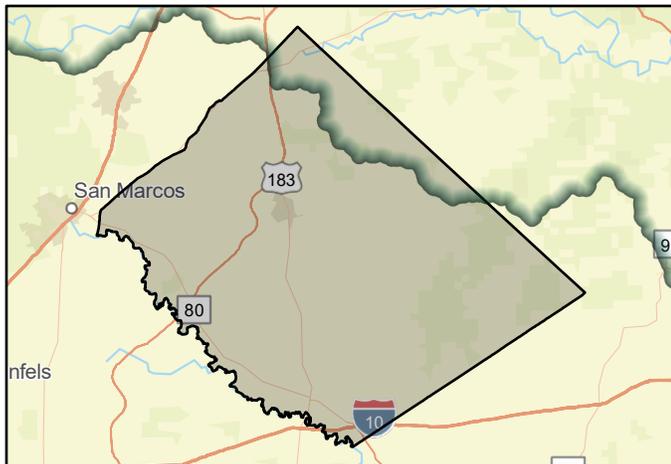
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **ESD #4-Flood Risk Education**

ID# **112000135** Sponsor **ESD #4**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Educate community on the dangers of low water crossings through the installation of warning signs and promotion of "Turn Around, Don't Drown" Program.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203, 12100202** Drainage area (mi², est.) **545**

County **Caldwell**

Existing 100-Year Flood Risk

Population at risk **2,538** # of structures **937** Critical facilities **7**

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

Farm/Ranch land impacted (acres) **35,718** Roadway(s) impacted (miles) **71**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

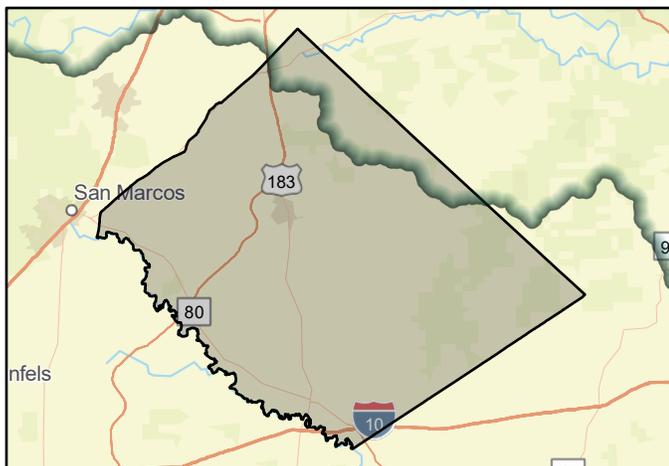
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **ESD #4-Flood Risk Education**

ID# **112000136** Sponsor **ESD #4**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Educate community on the dangers of low water crossings through the installation of warning signs and promotion of "Turn Around, Don't Drown" Program.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203, 12100202** Drainage area (mi², est.) **545**

County **Caldwell**

Existing 100-Year Flood Risk

Population at risk **2,538** # of structures **937** Critical facilities **7**

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

Farm/Ranch land impacted (acres) **35,718** Roadway(s) impacted (miles) **71**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

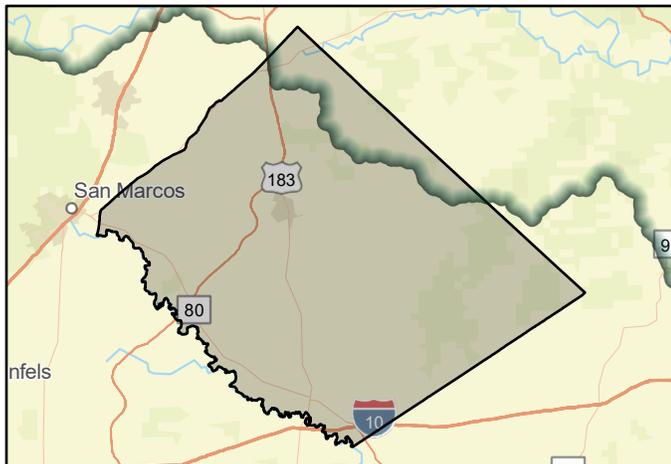
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **Gillespie County-Low Water Crossing Improvements**

ID# **112000139** Sponsor **Gillespie (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Flood Measurement and Warning		
Strategy description	Flooding is a common problem in Gillespie County. There are 35 documented low water crossings in the county. Having these crossings protected by automatic signs would improve public safety in the county.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	1,057
Watershed HUC# (if known)	12100203, 12100201	County	Gillespie

Existing 100-Year Flood Risk

Population at risk	16	# of structures	8	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	348	Roadway(s) impacted (miles)	0		
Number of low water crossings	0	Historical road closures	-		

100-Year Flood Risk Reduction

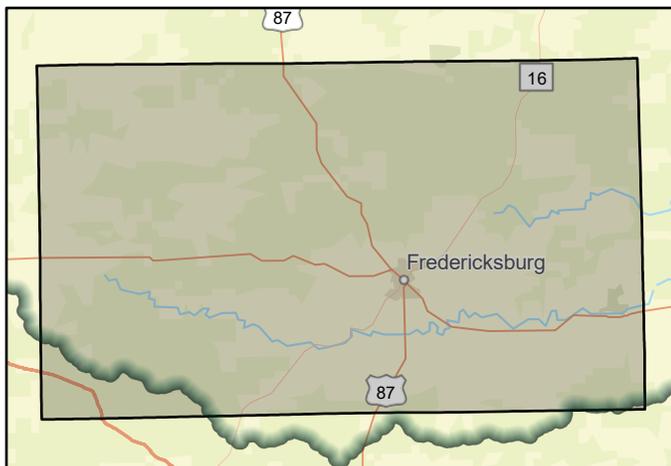
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Hays County-Evacuation Planning**

ID# **112000151** Sponsor **Hays (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Flood Measurement and Warning**

Strategy description **Documentation of an evacuation plan that includes multiple exits. Possible construction of new roads to provide alternate routes for evacuation for areas that have limited or hazardous points of ingress/egress**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **676**

County **Hays**

Existing 100-Year Flood Risk

Population at risk **25,061** # of structures **4,359** Critical facilities **15**

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

Farm/Ranch land impacted (acres) **10,537** Roadway(s) impacted (miles) **100**

Number of low water crossings **117** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

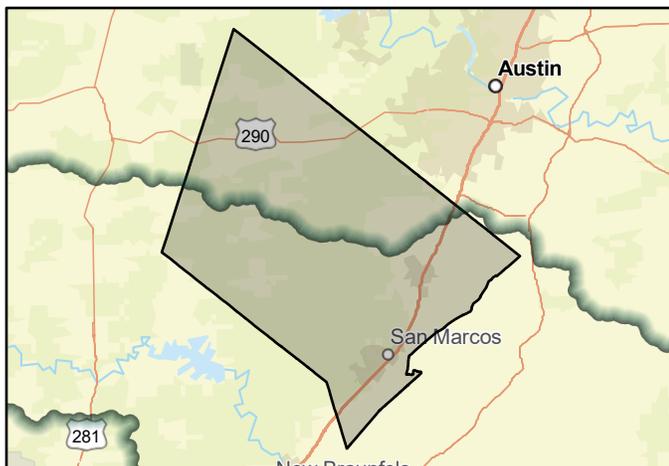
Impacts

Negative impacts? **No** Negative impacts description **N/A**

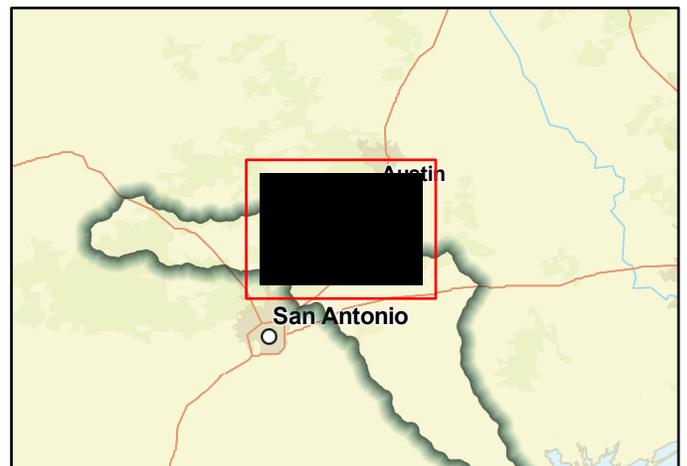
Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$25,000** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Hays County-StormReady County**

ID# **112000156** Sponsor **Hays (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Flood Measurement and Warning		
Strategy description	Application preparation and submission for StormReady designation from the National Weather Service that attests to the community's level of preparedness for severe weather.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	676
Watershed HUC# (if known)	12100203	County	Hays

Existing 100-Year Flood Risk

Population at risk	25,061	# of structures	4,359	Critical facilities	15
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	10,537	Roadway(s) impacted (miles)	100		
Number of low water crossings	117	Historical road closures	-		

100-Year Flood Risk Reduction

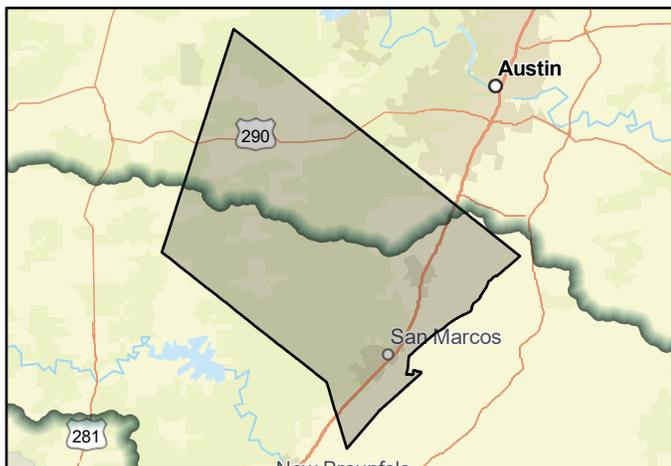
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

Title **Kendall County-Flood Early Warning System**

ID# **112000157** Sponsor **Kendall (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Flood Measurement and Warning		
Strategy description	Purchase, build, and place hazardous warning signs, or auto barricades at low water crossings. Place auto barricades or permanent pull out barricades at these locations so when auto sensed, a barricade would drop and close the roadway.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	661
Watershed HUC# (if known)	12100203, 12100201	County	Kendall

Existing 100-Year Flood Risk

Population at risk	2,040	# of structures	1,374	Critical facilities	4
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	24,198	Roadway(s) impacted (miles)	44		
Number of low water crossings	28	Historical road closures	-		

100-Year Flood Risk Reduction

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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$500,000	Amount of available funding	-	% Nature-Based	-
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Flood Management Strategy (FMS)



Title **Kendall County-Flood Early Warning System**

ID# **112000158** Sponsor **Kendall (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Flood Measurement and Warning		
Strategy description	Provide early warning and post event information. Either purchase or encourage citizens to purchase NOAA All Hazard Radios for early warning and post-event information for public, businesses, schools, event venues.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	661
Watershed HUC# (if known)	12100203, 12100201	County	Kendall

Existing 100-Year Flood Risk

Population at risk	2,040	# of structures	1,374	Critical facilities	4
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	24,198	Roadway(s) impacted (miles)	44		
Number of low water crossings	28	Historical road closures	-		

100-Year Flood Risk Reduction

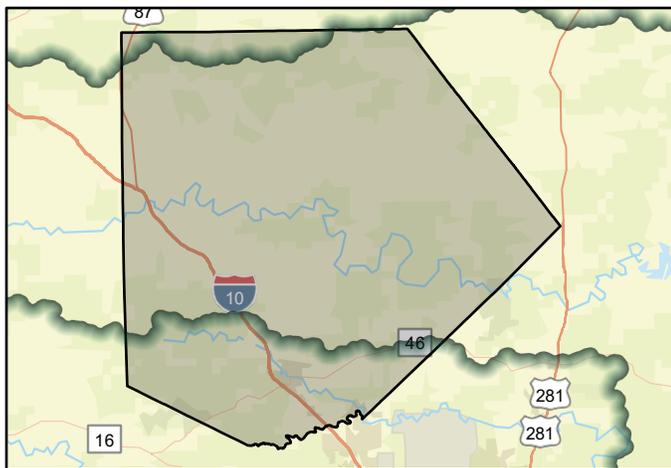
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$25,000	Amount of available funding	-	% Nature-Based	-
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **Kerr County-Flood Early Warning System**

ID# **112000161** Sponsor **Kerr (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Flood Measurement and Warning		
Strategy description	This action proposes a local flood warning system to reduce the potential impacts of future flood events.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	1,103
Watershed HUC# (if known)	12100201	County	Kerr

Existing 100-Year Flood Risk

Population at risk	10,425	# of structures	3,833	Critical facilities	6
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	28,070	Roadway(s) impacted (miles)	124		
Number of low water crossings	158	Historical road closures	-		

100-Year Flood Risk Reduction

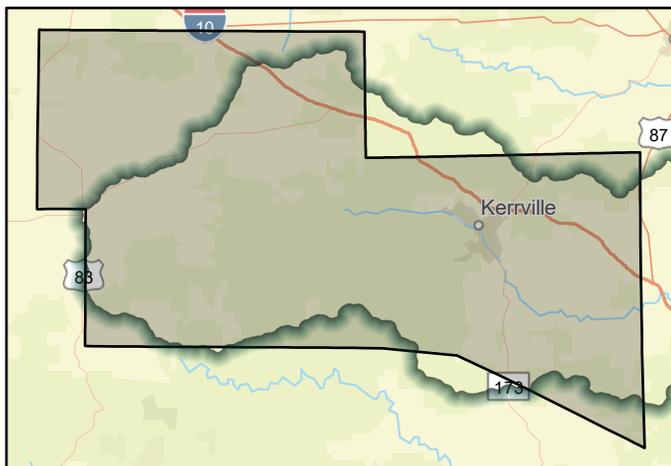
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

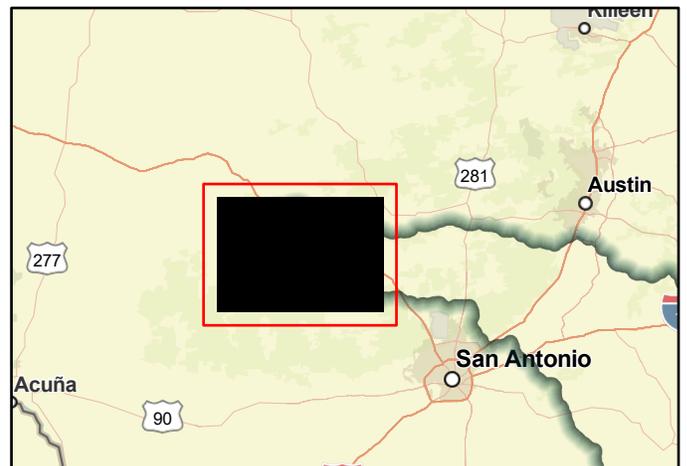
Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Maxwell Water Supply Corporation-Flood Early Warning System**

ID# **112000165** Sponsor **Maxwell SUD**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Flood Measurement and Warning**

Strategy description **Acquire and install fixed barriers and warning lights at low water crossings.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **62**

County **Caldwell,Hays**

Existing 100-Year Flood Risk

Population at risk **647** # of structures **250** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **2,515** Roadway(s) impacted (miles) **15**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

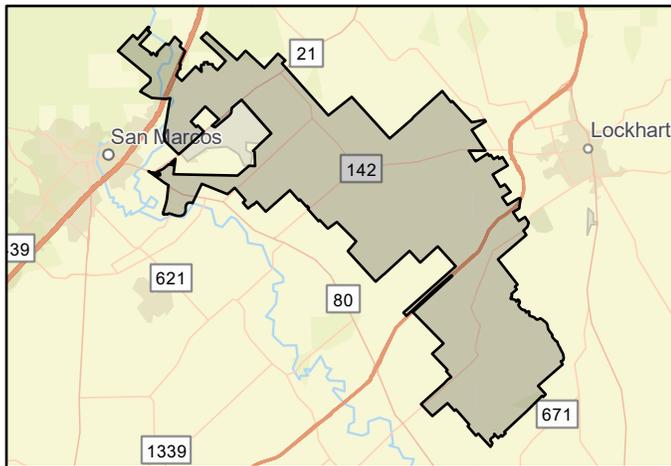
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$15,000** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **Mountain City-Emergency Notification Floodchart**

ID# **112000046** Sponsor **Mountain City (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Flood Measurement and Warning**

Strategy description **Continue existing City directory program and add phone tree responsibilities for non-critical hazard call down messaging, such as drought alerts**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **1**

County **Hays**

Existing 100-Year Flood Risk

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

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

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

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

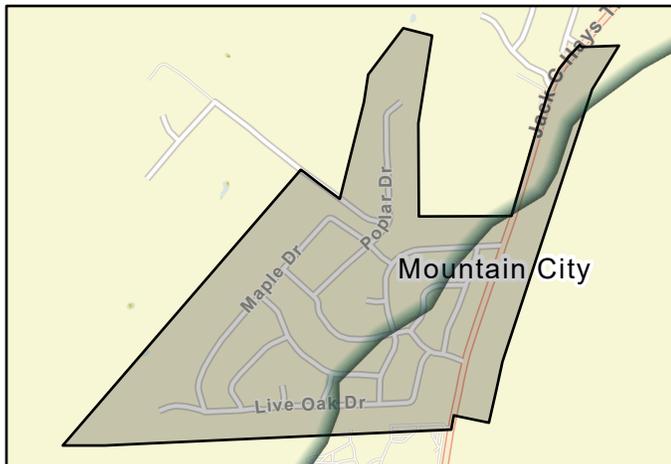
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$0** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **Mountain City-Evacuation Planning**

ID# **112000047** Sponsor **Mountain City (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Flood Measurement and Warning		
Strategy description	Create a formal evacuation plan/procedures to evacuate the community and provide residents evacuation messaging, alternate routes, and returning to the community safely.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	1
Watershed HUC# (if known)	12100203	County	Hays

Existing 100-Year Flood Risk

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

100-Year Flood Risk Reduction

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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

Title **Mountain City-StormReady City**

ID# **112000053** Sponsor **Mountain City (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Flood Measurement and Warning		
Strategy description	Application preparation and submission for StormReady designation from the National Weather Service that attests to the community's level of preparedness for severe weather.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	1
Watershed HUC# (if known)	12100203	County	Hays

Existing 100-Year Flood Risk

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

100-Year Flood Risk Reduction

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

Impacts

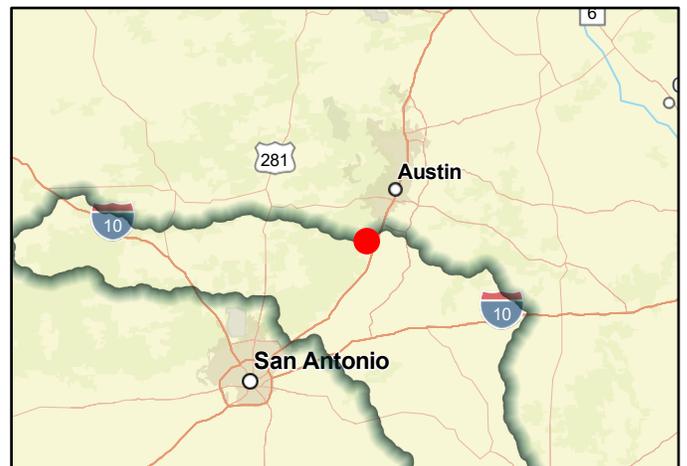
Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Upper Guadalupe River Authority-Flood Early Warning System**

ID# **112000172** Sponsor **Upper Guadalupe River Authority**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Flood Measurement and Warning		
Strategy description	This action proposes a local flood warning system to reduce the potential impacts of future flood events.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	1,103
Watershed HUC# (if known)	12100201	County	Kendall,Kerr,Gillespie

Existing 100-Year Flood Risk

Population at risk	10,425	# of structures	3,833	Critical facilities	6
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	28,072	Roadway(s) impacted (miles)	124		
Number of low water crossings	158	Historical road closures	-		

100-Year Flood Risk Reduction

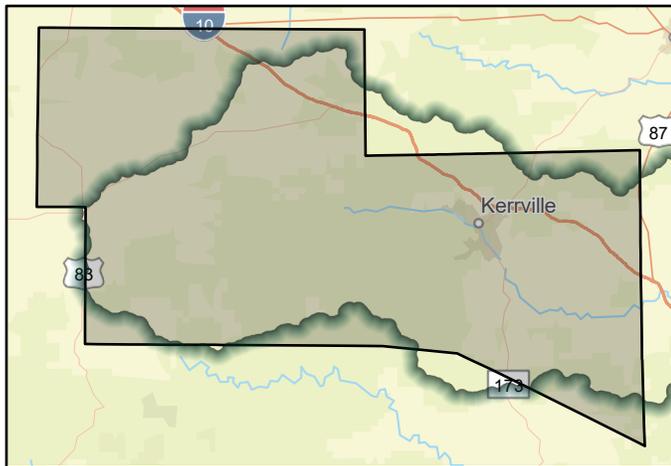
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

Title **Upper Guadalupe River Authority-NOAA All-hazard Radios**
 ID# **112000174** Sponsor **Upper Guadalupe River Authority**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Flood Measurement and Warning**
 Strategy description **This action will install a NOAA weather radio in every UGRA facility that is occupied on a full time basis.**
 Associated FME's **-** Associated FMP's **-**
 Associated FMS's **-**
 Watershed HUC# (if known) **12100201** Drainage area (mi², est.) **1,103**
 County **Kendall,Kerr,Gillespie**

Existing 100-Year Flood Risk

Population at risk **10,425** # of structures **3,833** Critical facilities **6**
 Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**
 Farm/Ranch land impacted (acres) **28,072** Roadway(s) impacted (miles) **124**
 Number of low water crossings **158** Historical road closures **-**

100-Year Flood Risk Reduction

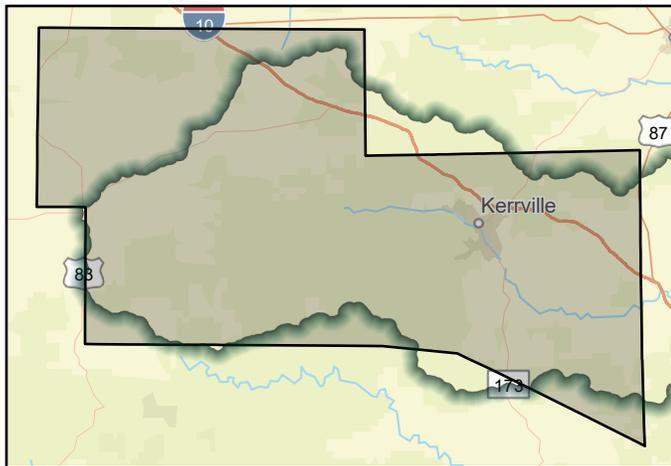
Population removed from 100-yr **0** # of structures removed from 100-yr **0**
 Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**
 Road removed from 100-yr (miles) **0** Low water crossings removed from 100-yr **0**
 Other benefits **N/A** Reduction in #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

Impacts

Negative impacts? **No** Negative impacts description **N/A**
 Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Victoria County-Evacuation Planning**

ID# **112000177** Sponsor **Victoria (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Flood Measurement and Warning		
Strategy description	Coordinate with dam owners to coordinate and train for potential dam failures, including evacuation planning. Provide additional means of access for first responders in case of dam failure.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	887
Watershed HUC# (if known)	12100303, 12100204, 12100403		County Victoria

Existing 100-Year Flood Risk

Population at risk	5,945	# of structures	1,808	Critical facilities	49
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	33,696	Roadway(s) impacted (miles)	99		
Number of low water crossings	5	Historical road closures	-		

100-Year Flood Risk Reduction

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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$2,500,000	Amount of available funding	-	% Nature-Based	-
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **Victoria County-Flood Early Warning System**

ID# **112000178** Sponsor **Victoria (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Flood Measurement and Warning		
Strategy description	Purchase and implement area-wide emergency notification system.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	887
Watershed HUC# (if known)	12100303, 12100204, 12100403		County Victoria

Existing 100-Year Flood Risk

Population at risk	5,945	# of structures	1,808	Critical facilities	49
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	33,696	Roadway(s) impacted (miles)	99		
Number of low water crossings	5	Historical road closures	-		

100-Year Flood Risk Reduction

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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

Title **Wilson County-Flood Early Warning System**

ID# **112000183** Sponsor **Wilson (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Flood Measurement and Warning**

Strategy description **Install gates at low water crossings on county roads repeatedly resulting in road closure due to rapid rising flood waters, to include staff guages and signage (e.g. "Turn Around Don't Drown")**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100202** Drainage area (mi², est.) **806**

County **Wilson**

Existing 100-Year Flood Risk

Population at risk **33** # of structures **18** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **2,120** Roadway(s) impacted (miles) **4**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

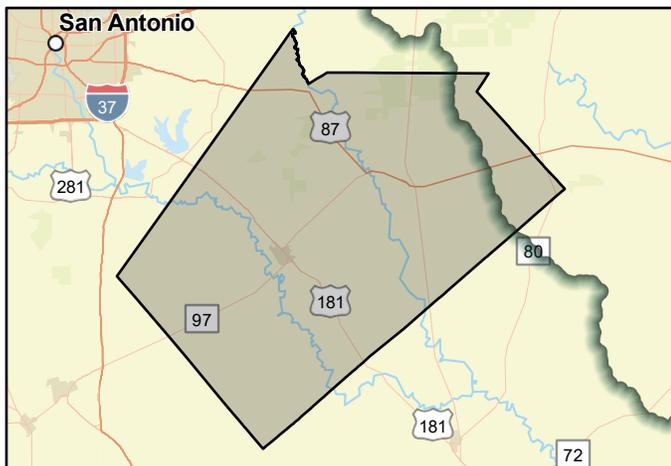
Impacts

Negative impacts? **No** Negative impacts description **N/A**

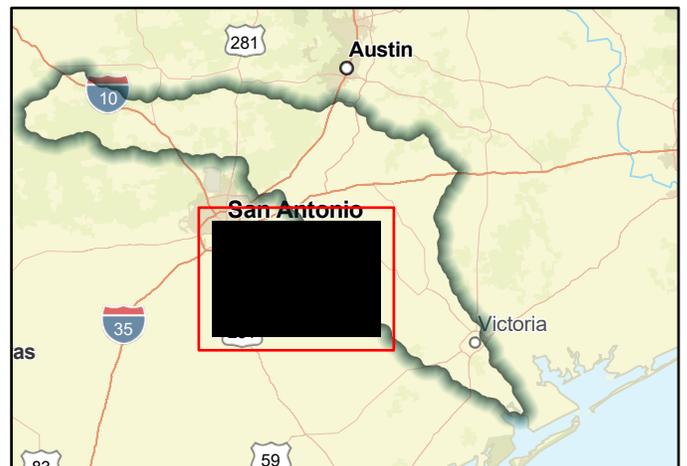
Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$600,000** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **Wilson County-Low Water Crossing Improvements**
ID# **112000184** Sponsor **Wilson (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Flood Measurement and Warning**
Strategy description **Upgrade infrastructure at low water crossings to provide unimpeded access during 100 year base flood event to facilitate evacuation and response by emergency vehicles**
Associated FME's **-** Associated FMP's **-**
Associated FMS's **-**
Watershed HUC# (if known) **12100202** Drainage area (mi², est.) **806**
County **Wilson**

Existing 100-Year Flood Risk

Population at risk **33** # of structures **18** Critical facilities **0**
Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**
Farm/Ranch land impacted (acres) **2,120** Roadway(s) impacted (miles) **4**
Number of low water crossings **0** Historical road closures **-**

100-Year Flood Risk Reduction

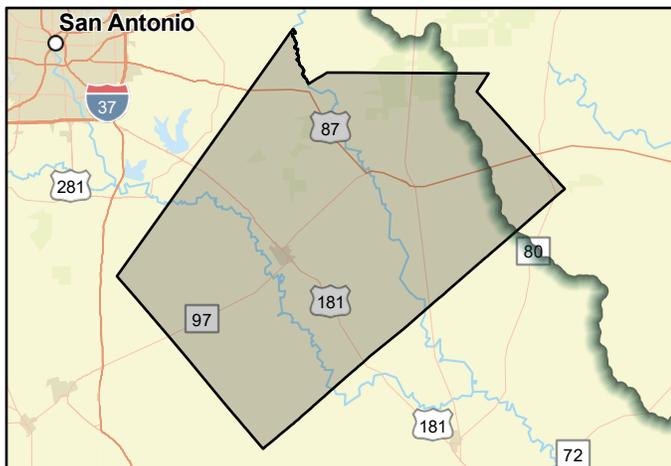
Population removed from 100-yr **0** # of structures removed from 100-yr **0**
Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**
Road removed from 100-yr (miles) **0** Low water crossings removed from 100-yr **0**
Other benefits **N/A** Reduction in # of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

Impacts

Negative impacts? **No** Negative impacts description **N/A**
Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$1,200,000** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **Blanco County-Debris Clearing Program**

ID# **112000001** Sponsor **Blanco (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Infrastructure Projects		
Strategy description	Adopt and implement a program for clearing debris from bridges, drains and culverts.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	711
Watershed HUC# (if known)	12100203, 12100201	County	Blanco

Existing 100-Year Flood Risk

Population at risk	197	# of structures	167	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	4,092	Roadway(s) impacted (miles)	14		
Number of low water crossings	30	Historical road closures	-		

100-Year Flood Risk Reduction

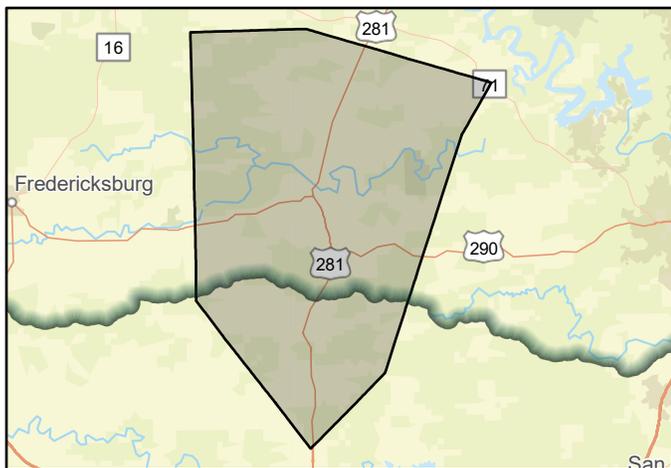
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of Cibolo-Stream Restoration/Channelization**

ID# **112000028** Sponsor **Cibolo (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Infrastructure Projects**

Strategy description **Implement stream restoration/channelization program to ensure adequate drainage/diversion of stormwater.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100202** Drainage area (mi², est.) **21**

County **Guadalupe**

Existing 100-Year Flood Risk

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

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

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

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

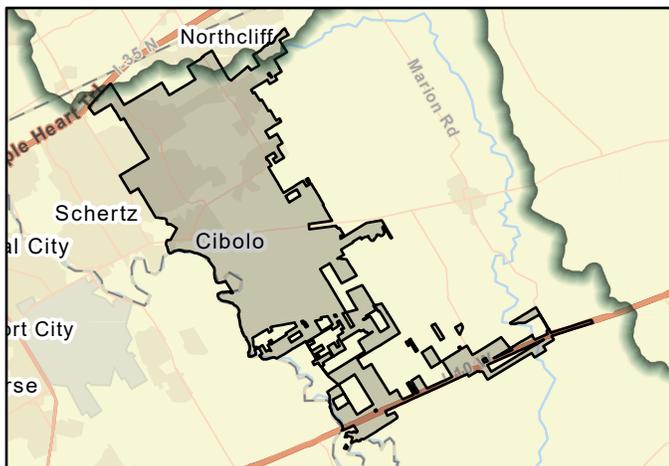
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$12,000,000** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of Flatonia-Maintenance Program**

ID# **112000029** Sponsor **Flatonia (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Infrastructure Projects		
Strategy description	Implement maintenance program for drainage, including waterways, culverts, and bridges.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	2
Watershed HUC# (if known)	12100202	County	Fayette

Existing 100-Year Flood Risk

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

100-Year Flood Risk Reduction

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

Impacts

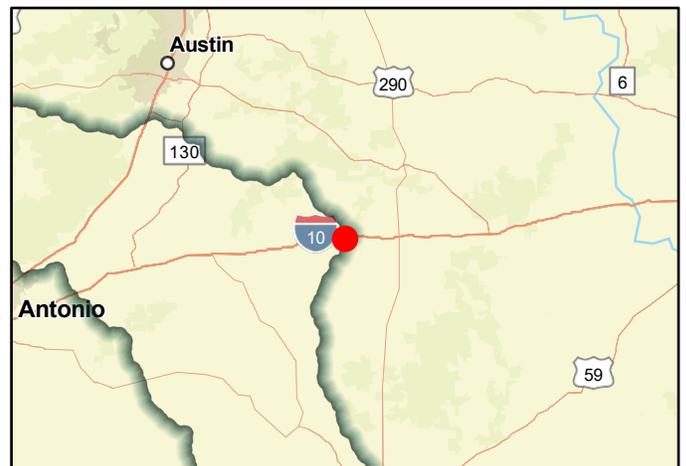
Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Garden Ridge-Debris Clearing Program**

ID# **112000030** Sponsor **Garden Ridge (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Infrastructure Projects**

Strategy description **Design and implement program to clean and clear debris and overgrown vegetation from the drainage system to reduce flood risk to buildings and roads.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100202** Drainage area (mi², est.) **7**

County **Comal**

Existing 100-Year Flood Risk

Population at risk **20** # of structures **9** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **18** Roadway(s) impacted (miles) **-**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

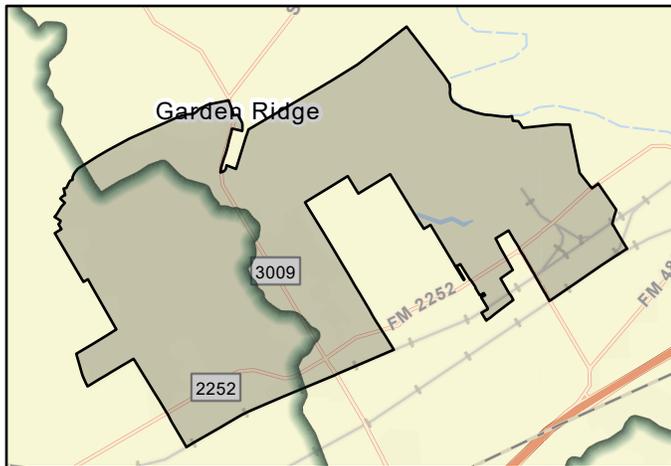
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Ingram-Debris Clearing Program**

ID# **112000032** Sponsor **Ingram (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Infrastructure Projects**

Strategy description **Develop and implement a debris reduction program to minimize riverine erosion caused by debris buildups that can alter the flow and shape of local river and stream channels.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100201** Drainage area (mi², est.) **1**

County **Kerr**

Existing 100-Year Flood Risk

Population at risk **172** # of structures **122** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **24** Roadway(s) impacted (miles) **3**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

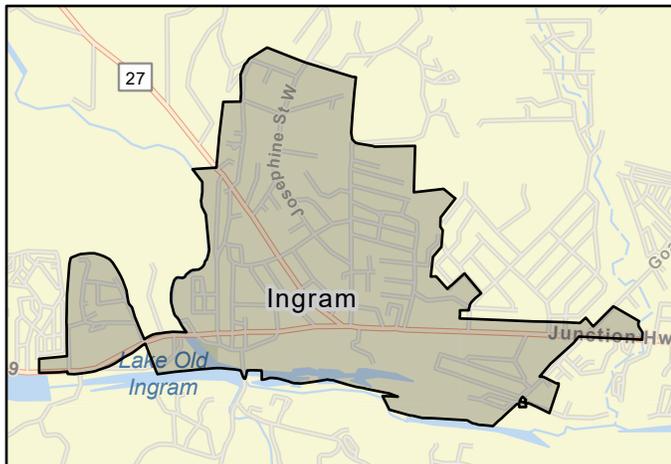
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **Martindale Water Supply Corporation-Flood Risk Education**

ID# **112000044** Sponsor **Martindale (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Develop a debris clearing program to reduce flood (street and structure) and fire risk.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **2**

County **Guadalupe, Caldwell**

Existing 100-Year Flood Risk

Population at risk **610** # of structures **196** Critical facilities **1**

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

Farm/Ranch land impacted (acres) **53** Roadway(s) impacted (miles) **6**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

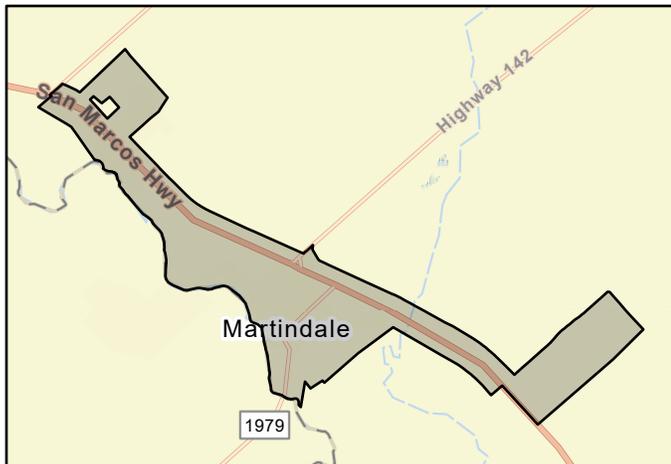
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of Nixon-Wastewater System Flood Improvements**

ID# **112000067** Sponsor **Nixon (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Infrastructure Projects**

Strategy description **The WWTP lift station and 8th Avenue lift station have experienced inundation and caused overflows as a result of stormwater inflow into the wastewater system. Also need a new generator & SCADA System Improvements at the City's WWTP, Water Well 6/Water PI**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100202** Drainage area (mi², est.) **2**

County **Gonzales,Wilson**

Existing 100-Year Flood Risk

Population at risk **25** # of structures **13** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **6** Roadway(s) impacted (miles) **0**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$3,600,000** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of San Marcos-Emergency Generators**

ID# **112000068** Sponsor **San Marcos (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Infrastructure Projects		
Strategy description	Purchase and installation of generators for temporary sheltering efforts in all public facilities capable of housing citizens.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	36
Watershed HUC# (if known)	12100203	County	Guadalupe,Caldwell,

Existing 100-Year Flood Risk

Population at risk	19,605	# of structures	2,270	Critical facilities	14
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	822	Roadway(s) impacted (miles)	48		
Number of low water crossings	12	Historical road closures	-		

100-Year Flood Risk Reduction

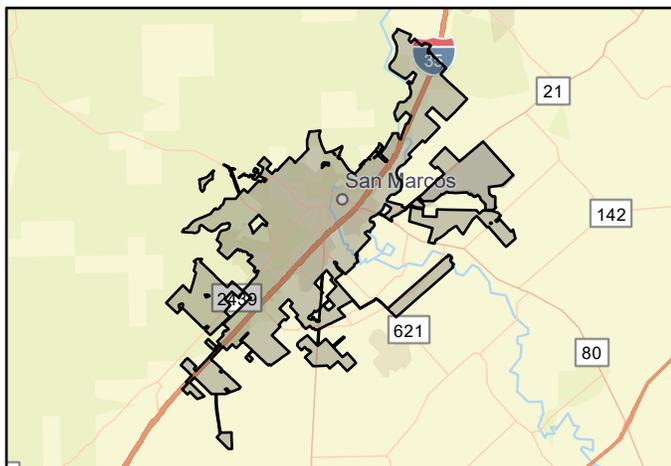
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

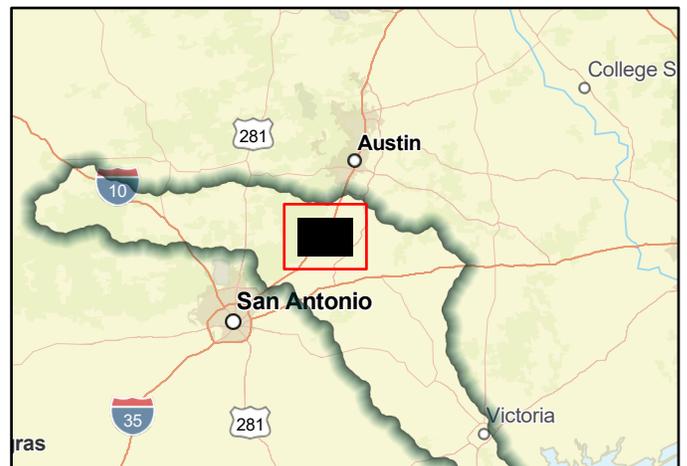
Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of Seguin-Subdivision Access Improvements**
ID# **112000013** Sponsor **Seguin (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Infrastructure Projects		
Strategy description	Provide/construct additional means of access into single-entry neighborhoods; Update subdivision codes for a higher level of ingress and egress.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	38
Watershed HUC# (if known)	12100202	County	Guadalupe

Existing 100-Year Flood Risk

Population at risk	3,046	# of structures	846	Critical facilities	5
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	1,157	Roadway(s) impacted (miles)	25		
Number of low water crossings	8	Historical road closures	-		

100-Year Flood Risk Reduction

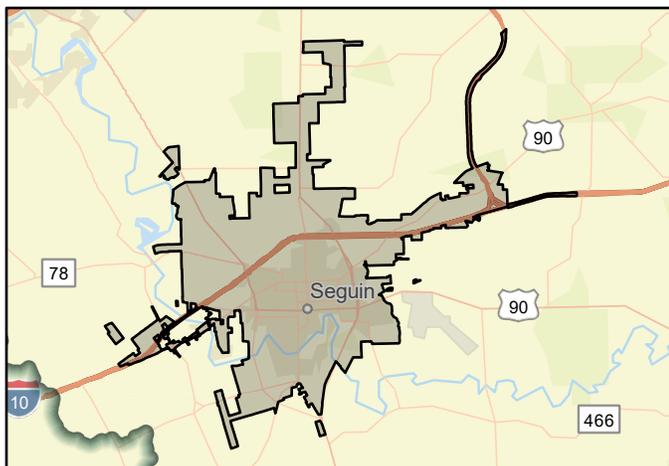
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$250,000	Amount of available funding	-	% Nature-Based	-
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Seguin-City-wide Drainage Improvments**

ID# **112000077** Sponsor **Seguin (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Infrastructure Projects**

Strategy description **Increase Regional Ddetention, Channel & Drainage System Improvements.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100202** Drainage area (mi², est.) **38**

County **Guadalupe**

Existing 100-Year Flood Risk

Population at risk **3,046** # of structures **846** Critical facilities **5**

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

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

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

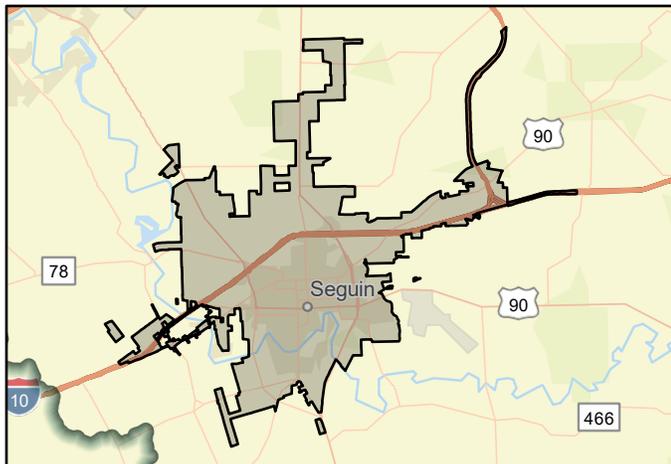
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of Seguin-Stream Restoration/Channelization**

ID# **112000081** Sponsor **Seguin (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Infrastructure Projects**

Strategy description **Add thick vegetation on public lands along river banks.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100202** Drainage area (mi², est.) **38**

County **Guadalupe**

Existing 100-Year Flood Risk

Population at risk **3,046** # of structures **846** Critical facilities **5**

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

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

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

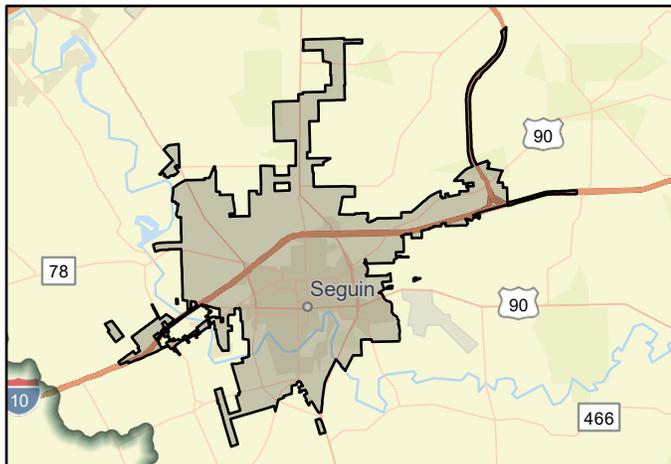
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of Seguin-Stream Restoration/Channelization**
ID# **112000082** Sponsor **Seguin (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Infrastructure Projects		
Strategy description	Implement a program to stabilize the riverbank at Max Starke Park along the banks of the Guadalupe River.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	38
Watershed HUC# (if known)	12100202	County	Guadalupe

Existing 100-Year Flood Risk

Population at risk	3,046	# of structures	846	Critical facilities	5
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	1,157	Roadway(s) impacted (miles)	25		
Number of low water crossings	8	Historical road closures	-		

100-Year Flood Risk Reduction

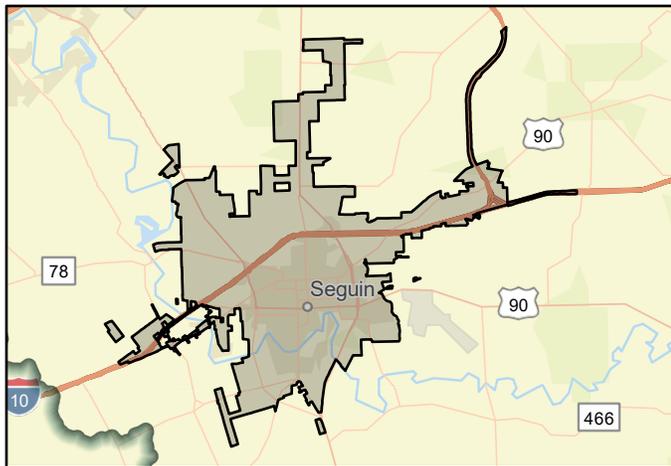
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

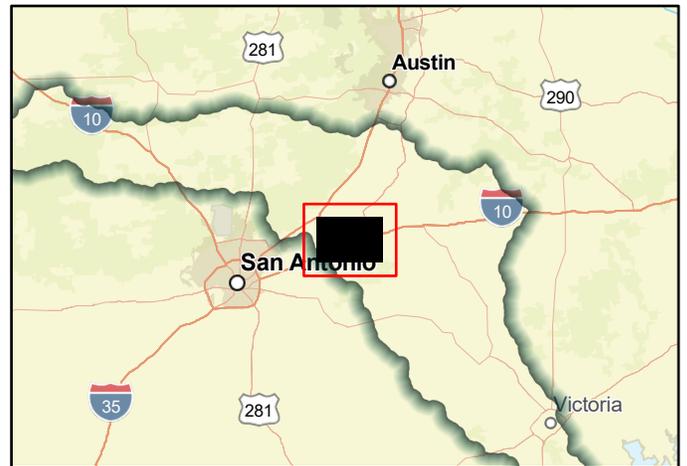
Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

Title **Victoria ISD-Flood Risk Education**

ID# **112000094** Sponsor **Victoria (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Education and Outreach		
Strategy description	Harden city buildings, critical infrastructure, and government buildings. Hardening of non-governmental facilities, to include for profit and not for profit locations that have been identified as crucial in the response and recovery to/of emergencies and		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	37
Watershed HUC# (if known)	12100204	County	Victoria

Existing 100-Year Flood Risk

Population at risk	4,923	# of structures	1,139	Critical facilities	24
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	111	Roadway(s) impacted (miles)	36		
Number of low water crossings	0	Historical road closures	-		

100-Year Flood Risk Reduction

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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of Yorktown-Debris Clearing Program**

ID# **112000116** Sponsor **Yorktown (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Infrastructure Projects		
Strategy description	Develop a program to selectively manage vegetation along area waterways and restore floodplain function of natural systems		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	2
Watershed HUC# (if known)	12100204	County	De Witt

Existing 100-Year Flood Risk

Population at risk	175	# of structures	113	Critical facilities	2
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	19	Roadway(s) impacted (miles)	2		
Number of low water crossings	0	Historical road closures	-		

100-Year Flood Risk Reduction

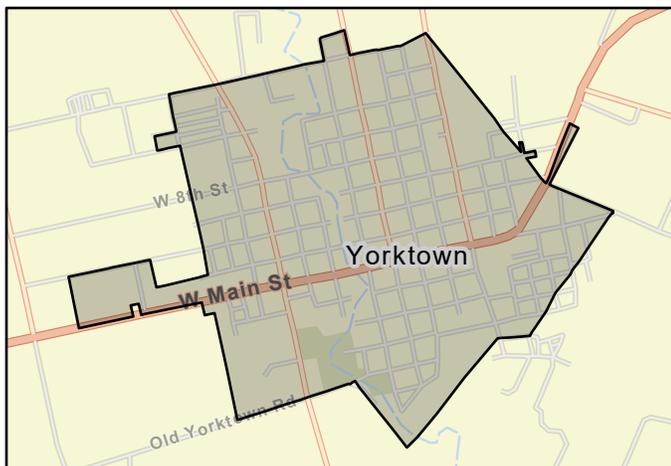
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

Title **Comal County-Debris Clearing Program**

ID# **112000117** Sponsor **Comal (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Infrastructure Projects		
Strategy description	Develop a program to selectively manage vegetation along area waterways and restore floodplain function of natural systems		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	573
Watershed HUC# (if known)	12100203, 12100202, 12100201	County	Comal

Existing 100-Year Flood Risk

Population at risk	11,115	# of structures	3,677	Critical facilities	6
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	9,463	Roadway(s) impacted (miles)	93		
Number of low water crossings	77	Historical road closures	-		

100-Year Flood Risk Reduction

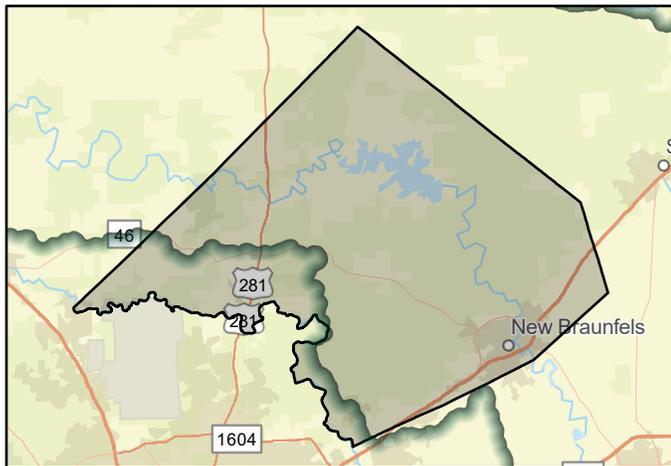
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

Title **Comal County-Debris Clearing Program**

ID# **112000118** Sponsor **Comal (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Infrastructure Projects		
Strategy description	Develop a program to selectively manage vegetation along area waterways and restore floodplain function of natural systems		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	573
Watershed HUC# (if known)	12100203, 12100202, 12100201	County	Comal

Existing 100-Year Flood Risk

Population at risk	11,115	# of structures	3,677	Critical facilities	6
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	9,463	Roadway(s) impacted (miles)	93		
Number of low water crossings	77	Historical road closures	-		

100-Year Flood Risk Reduction

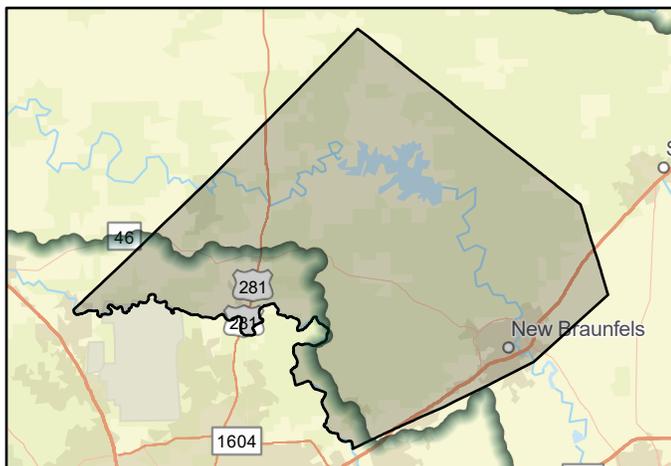
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

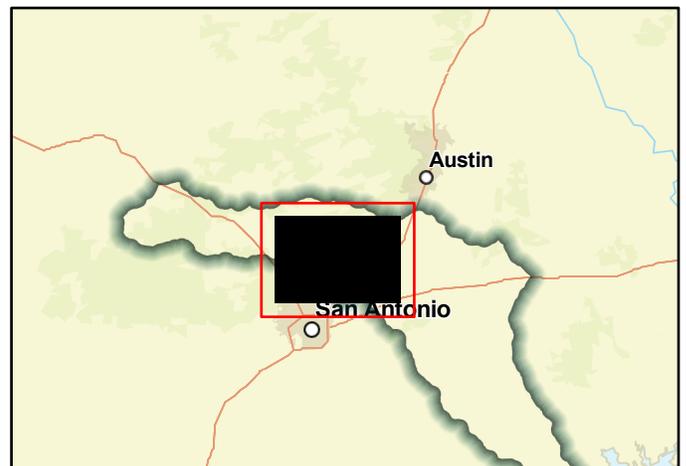
Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$200,000	Amount of available funding	-	% Nature-Based	-
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **ESD #3-Flood Risk Education**

ID# **112000131** Sponsor **ESD #3**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Educate community on the dangers of low water crossings through the installation of warning signs and promotion of "Turn Around, Don't Drown" Program.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203, 12100202** Drainage area (mi², est.) **545**

County **Caldwell**

Existing 100-Year Flood Risk

Population at risk **2,538** # of structures **937** Critical facilities **7**

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

Farm/Ranch land impacted (acres) **35,718** Roadway(s) impacted (miles) **71**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

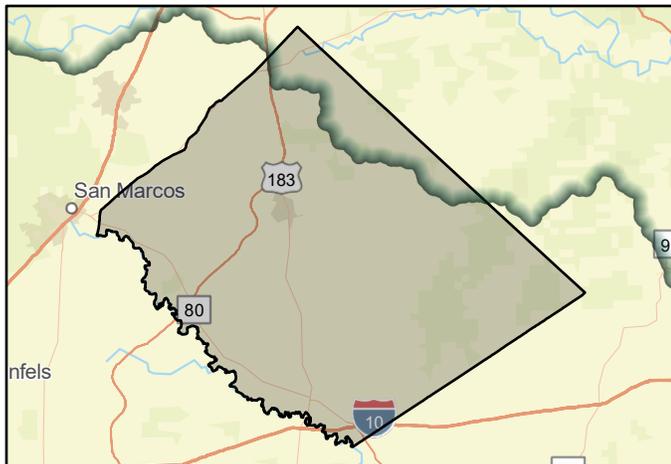
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Guadalupe County-Stream Restoration/Channelization**

ID# **112000147** Sponsor **Guadalupe (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Infrastructure Projects**

Strategy description **Retain and maintain natural vegetation in stormwater channels.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203, 12100202** Drainage area (mi², est.) **713**

County **Guadalupe**

Existing 100-Year Flood Risk

Population at risk **13,164** # of structures **5,822** Critical facilities **14**

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

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

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

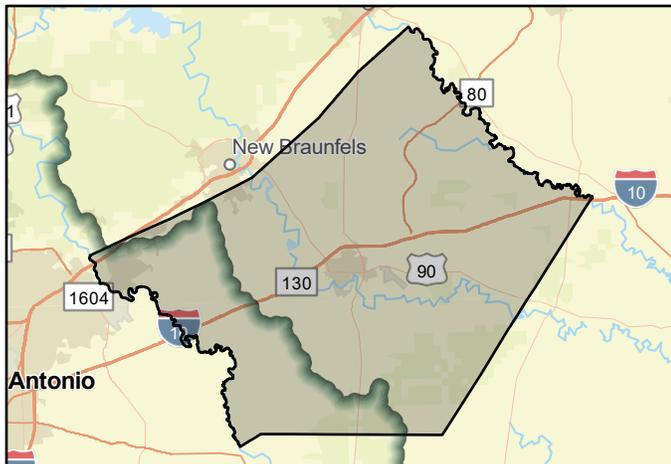
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **Guadalupe County-Stream Restoration/Channelization**
ID# **112000148** Sponsor **Guadalupe (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Infrastructure Projects**
Strategy description **Implement stream restoration/channelization program to ensure adequate drainage/diversion of stormwater.**
Associated FME's **-** Associated FMP's **-**
Associated FMS's **-**
Watershed HUC# (if known) **12100203, 12100202** Drainage area (mi², est.) **713**
County **Guadalupe**

Existing 100-Year Flood Risk

Population at risk **13,164** # of structures **5,822** Critical facilities **14**
Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**
Farm/Ranch land impacted (acres) **25,477** Roadway(s) impacted (miles) **117**
Number of low water crossings **130** Historical road closures **-**

100-Year Flood Risk Reduction

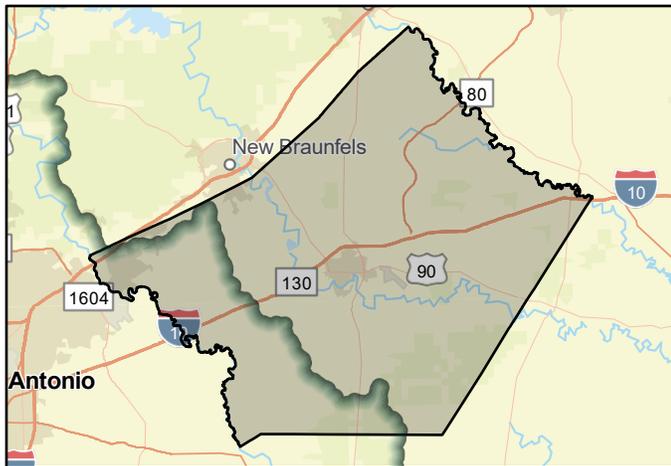
Population removed from 100-yr **0** # of structures removed from 100-yr **0**
Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**
Road removed from 100-yr (miles) **0** Low water crossings removed from 100-yr **0**
Other benefits **N/A** Reduction in # of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

Impacts

Negative impacts? **No** Negative impacts description **N/A**
Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Hays County-Harden Critical Infrastructure**

ID# **112000155** Sponsor **Hays (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Infrastructure Projects**

Strategy description **Ensure new structures are structurally reinforced against natural hazards. To include, low-flow water units for drought, flood-proofing (if needed), wind resistant doors and windows, freeboard, bracing and bolting of sill plates, higher levels of soil com**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **676**

County **Hays**

Existing 100-Year Flood Risk

Population at risk **25,061** # of structures **4,359** Critical facilities **15**

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

Farm/Ranch land impacted (acres) **10,537** Roadway(s) impacted (miles) **100**

Number of low water crossings **117** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

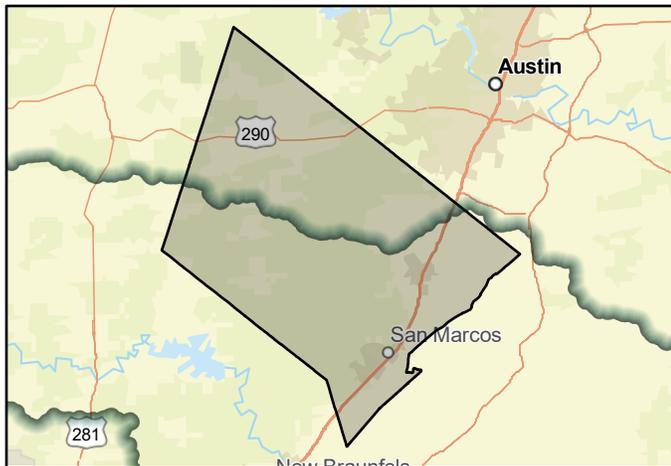
Impacts

Negative impacts? **No** Negative impacts description **N/A**

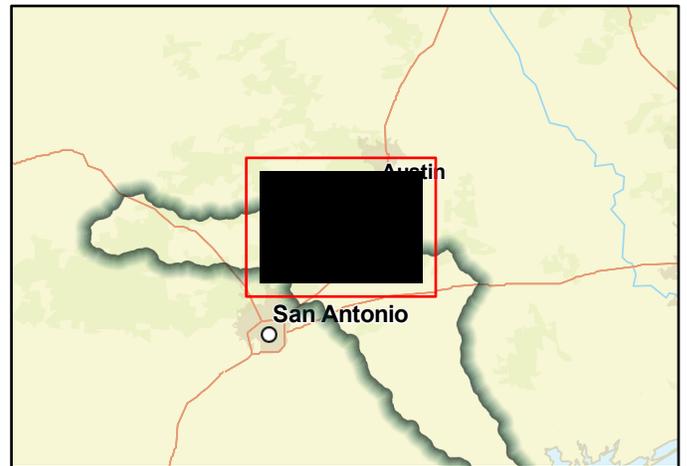
Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Victoria County-Bridge Improvements**

ID# **112000175** Sponsor **Victoria (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Infrastructure Projects		
Strategy description	Raise various County bridges above current Base Flood Elevation (BFE) levels to include such improvements as: box culverts, wingback walls, rip rap, channelization, and road base improvement.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	887
Watershed HUC# (if known)	12100303, 12100204, 12100403	County	Victoria

Existing 100-Year Flood Risk

Population at risk	5,945	# of structures	1,808	Critical facilities	49
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	33,696	Roadway(s) impacted (miles)	99		
Number of low water crossings	5	Historical road closures	-		

100-Year Flood Risk Reduction

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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Victoria County-Emergency Generators**

ID# **112000176** Sponsor **Victoria (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Infrastructure Projects		
Strategy description	Install emergency generators at critical facilities.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	887
Watershed HUC# (if known)	12100303, 12100204, 12100403	County	Victoria

Existing 100-Year Flood Risk

Population at risk	5,945	# of structures	1,808	Critical facilities	49
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	33,696	Roadway(s) impacted (miles)	99		
Number of low water crossings	5	Historical road closures	-		

100-Year Flood Risk Reduction

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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$500,000	Amount of available funding	-	% Nature-Based	-
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **Victoria County-Stream Restoration/Channelization**

ID# **112000180** Sponsor **Victoria (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Infrastructure Projects		
Strategy description	Implement a stream restoration/channelization program to ensure adequate drainage/diversion of storm water, throughout various county low water crossings, streambeds, creek sheds, tributaries, and riverine areas.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	887
Watershed HUC# (if known)	12100303, 12100204, 12100403	County	Victoria

Existing 100-Year Flood Risk

Population at risk	5,945	# of structures	1,808	Critical facilities	49
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	33,696	Roadway(s) impacted (miles)	99		
Number of low water crossings	5	Historical road closures	-		

100-Year Flood Risk Reduction

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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

Title **Blanco County-NOAA All-hazard Radios**

ID# **112000005** Sponsor **Blanco (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Other		
Strategy description	Purchase NOAA All-hazard radios for residents to know about weather events.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	711
Watershed HUC# (if known)	12100203, 12100201	County	Blanco

Existing 100-Year Flood Risk

Population at risk	197	# of structures	167	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	4,092	Roadway(s) impacted (miles)	14		
Number of low water crossings	30	Historical road closures	-		

100-Year Flood Risk Reduction

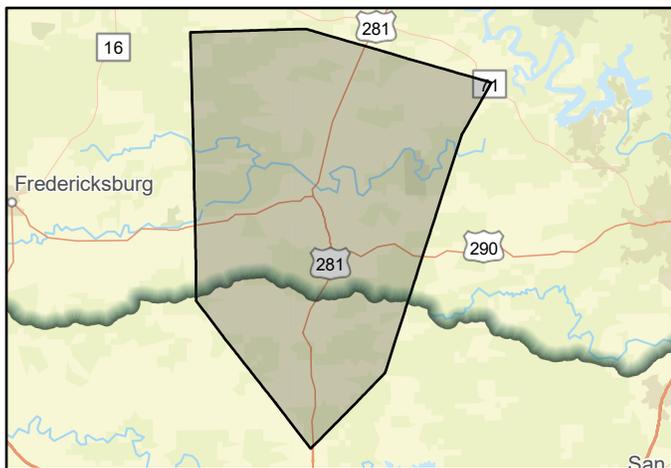
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Buda-Lifschutz Headwaters Voluntary Buyout**

ID# **112000019** Sponsor **Buda (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Property Acquisition and Structural Elevation**

Strategy description **Voluntary, targeted buyouts for 1 or more affected properties. (November 11, 2016 Preliminary Engineering Report)**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **9**

County **Hays**

Existing 100-Year Flood Risk

Population at risk **1** # of structures **3** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **8** Roadway(s) impacted (miles) **1**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

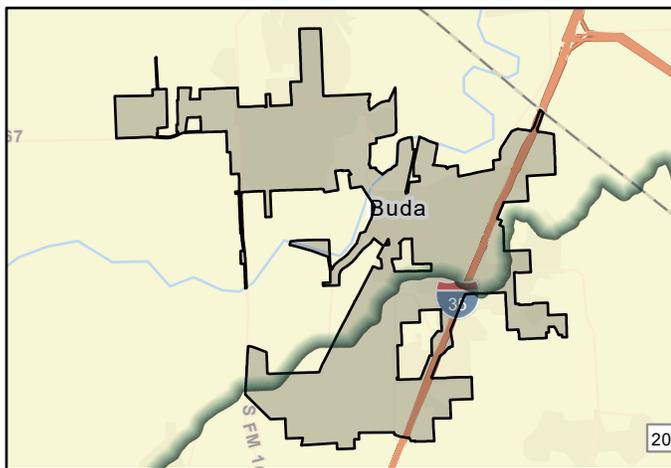
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of Kyle-Riparian Corridor Land Assembly**

ID# **112000040** Sponsor **Kyle (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Property Acquisition and Structural Elevation**

Strategy description **For improved drainage and public recreation, this project also called a Riparian Corridor Land Assembly will be a project that interconnects greenways into a trail system that connects across Kyle**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **31**

County **Hays**

Existing 100-Year Flood Risk

Population at risk **1,030** # of structures **422** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **727** Roadway(s) impacted (miles) **7**

Number of low water crossings **9** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

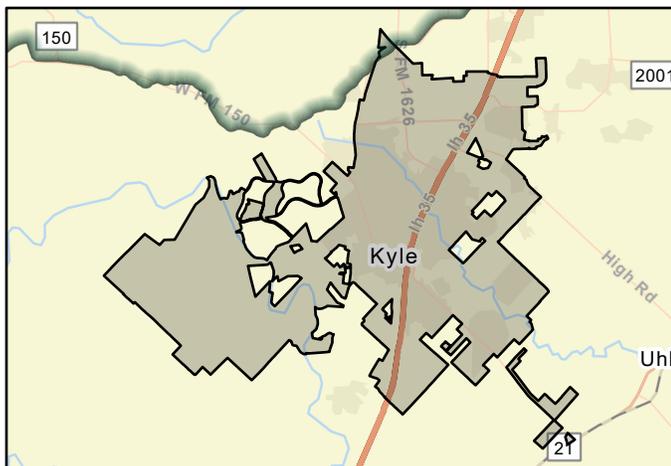
Impacts

Negative impacts? **No** Negative impacts description **N/A**

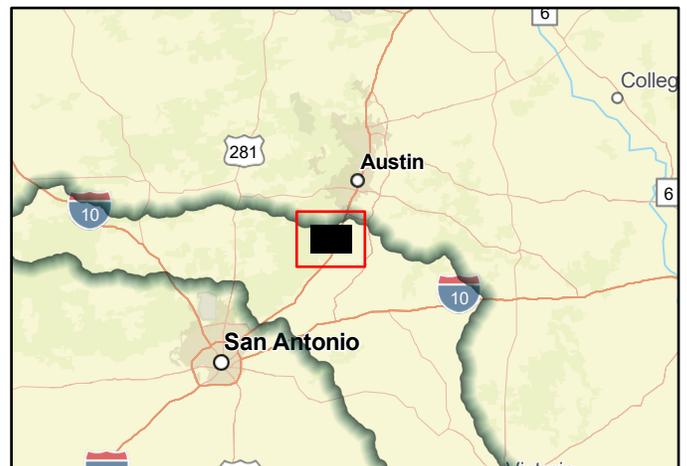
Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$0** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of New Braunfels-Voluntary Buyout Program**

ID# **112000054** Sponsor **New Braunfels (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Property Acquisition and Structural Elevation**

Strategy description **Remediate repetitive losses along the Guadalupe River by acquiring flood damaged structures and converting acquired land to open(green)space.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203, 12100202** Drainage area (mi², est.) **45**

County **Guadalupe,Comal**

Existing 100-Year Flood Risk

Population at risk **7,070** # of structures **1,398** Critical facilities **2**

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

Farm/Ranch land impacted (acres) **506** Roadway(s) impacted (miles) **23**

Number of low water crossings **24** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

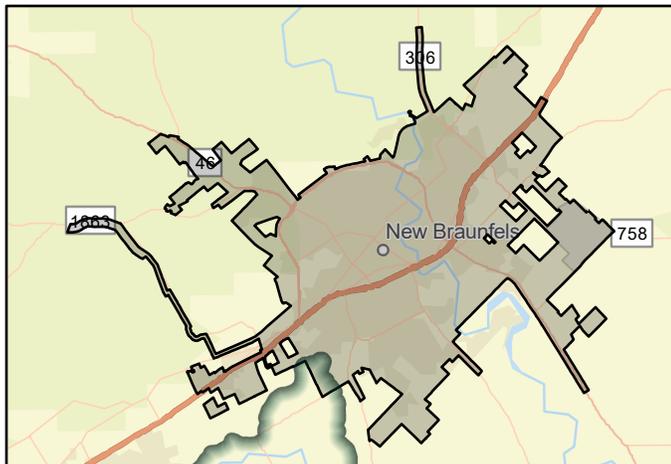
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$1,500,000** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of Nixon-Voluntary Buyout Program**

ID# **112000066** Sponsor **Nixon (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Property Acquisition and Structural Elevation		
Strategy description	This action will develop and implement a program to buyout NFIP repetitive loss properties.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	2
Watershed HUC# (if known)	12100202	County	Gonzales,Wilson

Existing 100-Year Flood Risk

Population at risk	25	# of structures	13	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	6	Roadway(s) impacted (miles)	0		
Number of low water crossings	0	Historical road closures	-		

100-Year Flood Risk Reduction

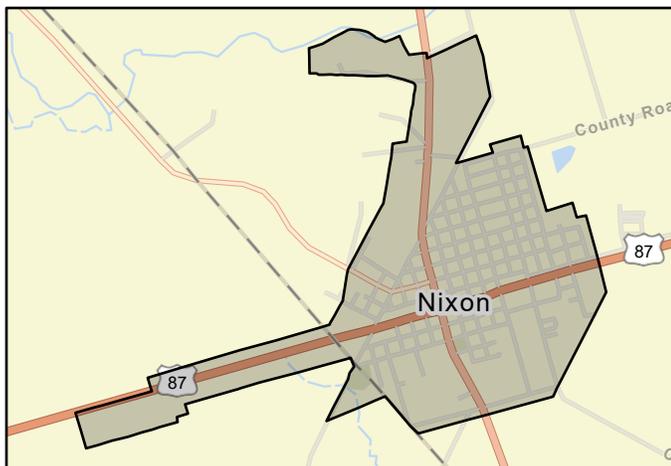
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of San Marcos-Floodplain Protection**

ID# **112000076** Sponsor **San Marcos (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Property Acquisition and Structural Elevation		
Strategy description	The preservation of land in flood-prone areas and in the 1% floodplain will help mitigate flooding by reducing the amount of impervious surfaces and allowing more recharge and infiltration of water during rain events.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	36
Watershed HUC# (if known)	12100203	County	Guadalupe,Caldwell,

Existing 100-Year Flood Risk

Population at risk	19,605	# of structures	2,270	Critical facilities	14
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	822	Roadway(s) impacted (miles)	48		
Number of low water crossings	12	Historical road closures	-		

100-Year Flood Risk Reduction

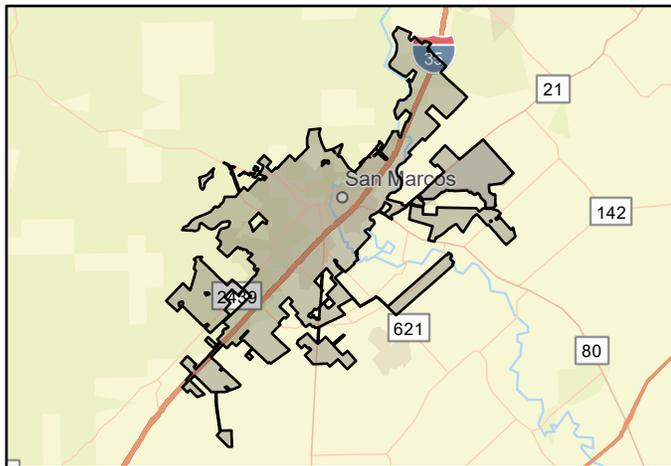
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$250,000	Amount of available funding	-	% Nature-Based	-
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Seguin-Floodplain Protection**

ID# **112000080** Sponsor **Seguin (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Property Acquisition and Structural Elevation**

Strategy description **Acquire and preserve open spaces adjacent to floodplain areas.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100202** Drainage area (mi², est.) **38**

County **Guadalupe**

Existing 100-Year Flood Risk

Population at risk **3,046** # of structures **846** Critical facilities **5**

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

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

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

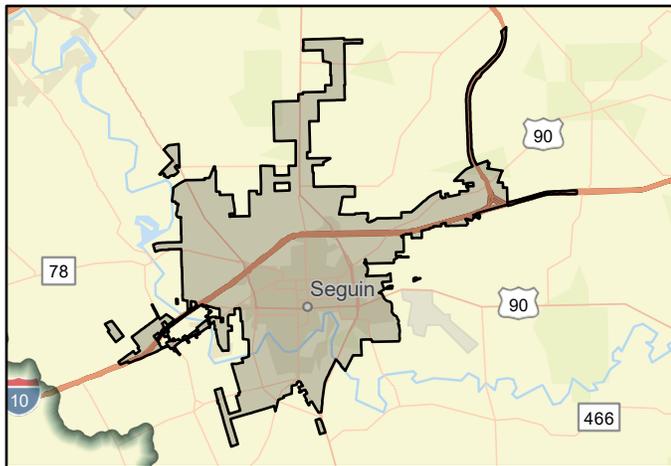
Impacts

Negative impacts? **No** Negative impacts description **N/A**

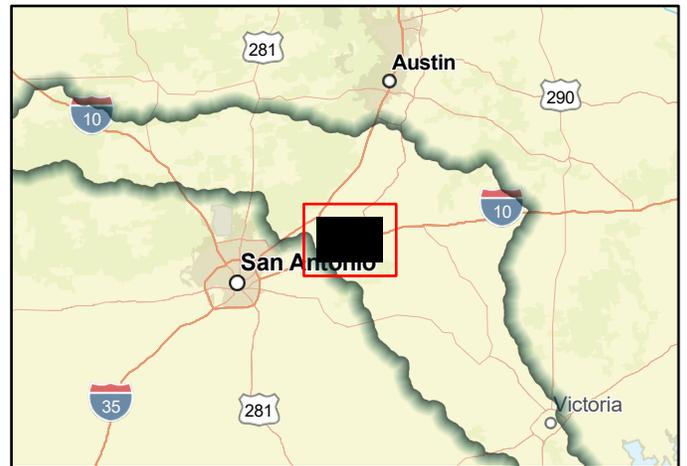
Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of Seguin-Voluntary Buyout Program**

ID# **112000083** Sponsor **Seguin (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Property Acquisition and Structural Elevation		
Strategy description	Develop an acquisition and elevation program in flood hazard areas. Elevate or acquire and demolish repetitive loss properties. Acquire high risk vacant land and maintain as open space. Increase development standards in high risk areas.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	38
Watershed HUC# (if known)	12100202	County	Guadalupe

Existing 100-Year Flood Risk

Population at risk	3,046	# of structures	846	Critical facilities	5
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	1,157	Roadway(s) impacted (miles)	25		
Number of low water crossings	8	Historical road closures	-		

100-Year Flood Risk Reduction

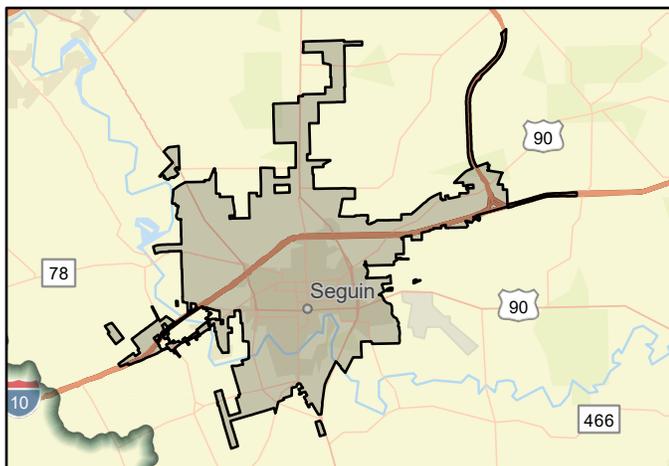
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

Title **Victoria ISD-Flood Risk Education**

ID# **112000095** Sponsor **Victoria (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Education and Outreach		
Strategy description	Implement a voluntary acquisition program for repetitive flood properties.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	37
Watershed HUC# (if known)	12100204	County	Victoria

Existing 100-Year Flood Risk

Population at risk	4,923	# of structures	1,139	Critical facilities	24
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	111	Roadway(s) impacted (miles)	36		
Number of low water crossings	0	Historical road closures	-		

100-Year Flood Risk Reduction

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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Waelder-Voluntary Buyout Program**

ID# **112000098** Sponsor **Waelder (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Property Acquisition and Structural Elevation**

Strategy description **This action will develop and implement a program to buyout NFIP repetitive loss properties.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100202** Drainage area (mi², est.) **1**

County **Gonzales**

Existing 100-Year Flood Risk

Population at risk **159** # of structures **170** Critical facilities **0**

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

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

Number of low water crossings **9** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

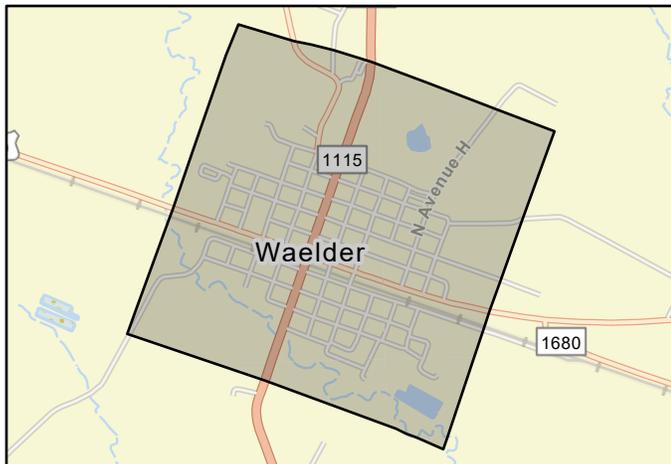
Impacts

Negative impacts? **No** Negative impacts description **N/A**

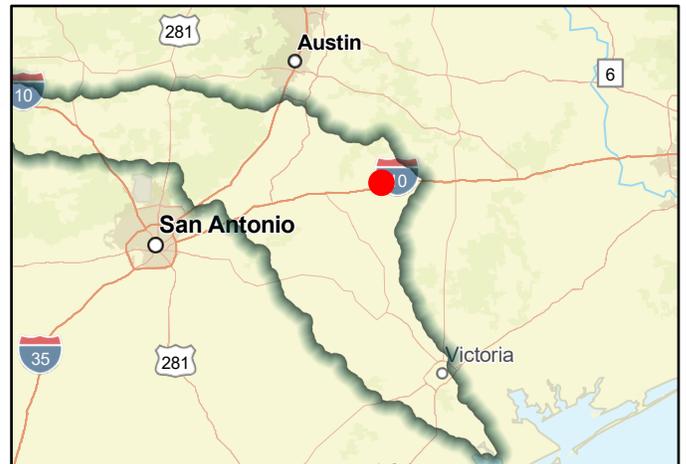
Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **Comal County-Voluntary Buyout Program**

ID# **112000127** Sponsor **Comal (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Property Acquisition and Structural Elevation		
Strategy description	Remediate repetitive losses along the Guadalupe River by acquiring flood damaged structures and converting acquired land to open(green)space.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	573
Watershed HUC# (if known)	12100203, 12100202, 12100201	County	Comal

Existing 100-Year Flood Risk

Population at risk	11,115	# of structures	3,677	Critical facilities	6
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	9,463	Roadway(s) impacted (miles)	93		
Number of low water crossings	77	Historical road closures	-		

100-Year Flood Risk Reduction

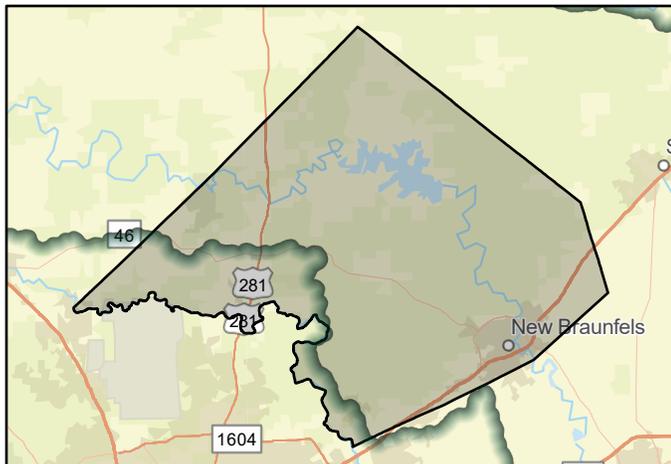
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

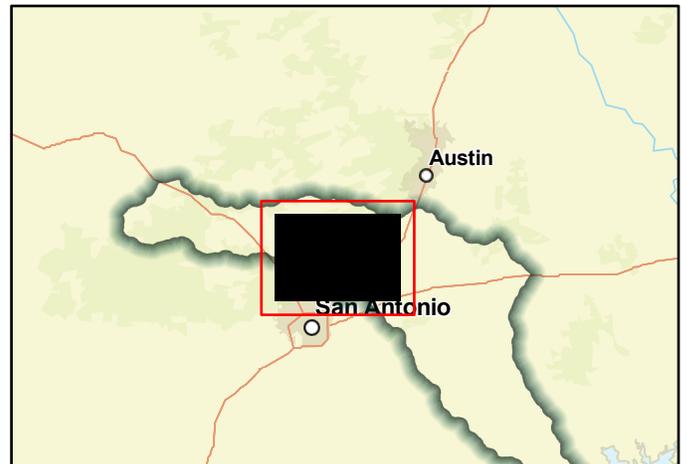
Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$3,440,000	Amount of available funding	-	% Nature-Based	-
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **Gonzales County-Voluntary Buyout Program**

ID# **112000143** Sponsor **Gonzales (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Property Acquisition and Structural Elevation		
Strategy description	This action will develop and implement a program to buyout NFIP repetitive loss properties.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	1,067
Watershed HUC# (if known)	12100203, 12100204, 12100202	County	Gonzales

Existing 100-Year Flood Risk

Population at risk	2,162	# of structures	1,649	Critical facilities	3
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	101,450	Roadway(s) impacted (miles)	124		
Number of low water crossings	55	Historical road closures	-		

100-Year Flood Risk Reduction

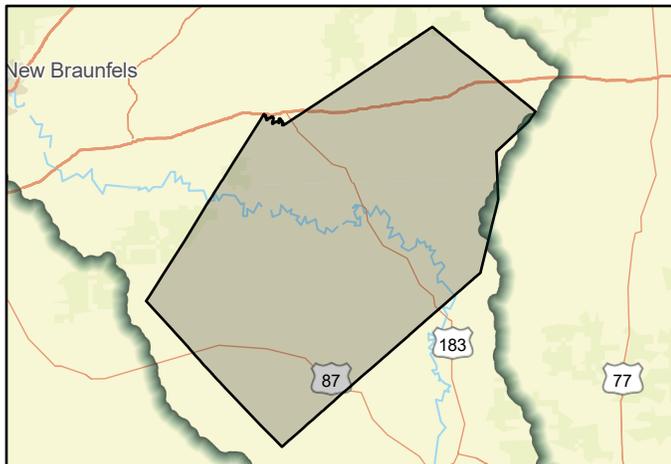
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

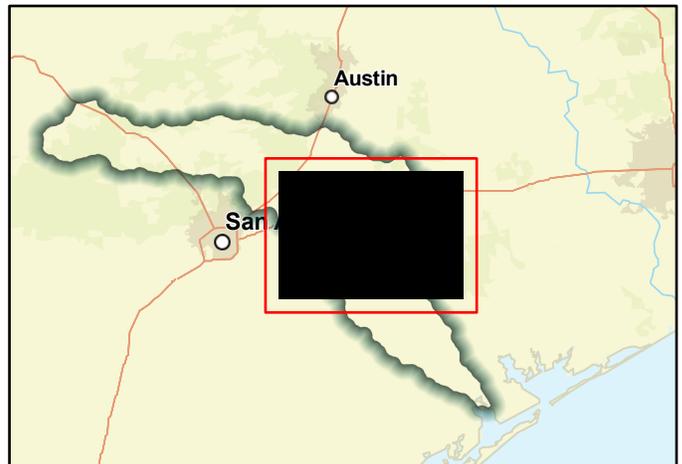
Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Guadalupe County-Voluntary Buyout Program**

ID# **112000149** Sponsor **Guadalupe (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Property Acquisition and Structural Elevation**

Strategy description **Develop a land acquisition program in flood hazard areas. Acquire and demolish repetitive loss properties. Acquire high risk vacant land and maintain as open space.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203, 12100202** Drainage area (mi², est.) **713**

County **Guadalupe**

Existing 100-Year Flood Risk

Population at risk **13,164** # of structures **5,822** Critical facilities **14**

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

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

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

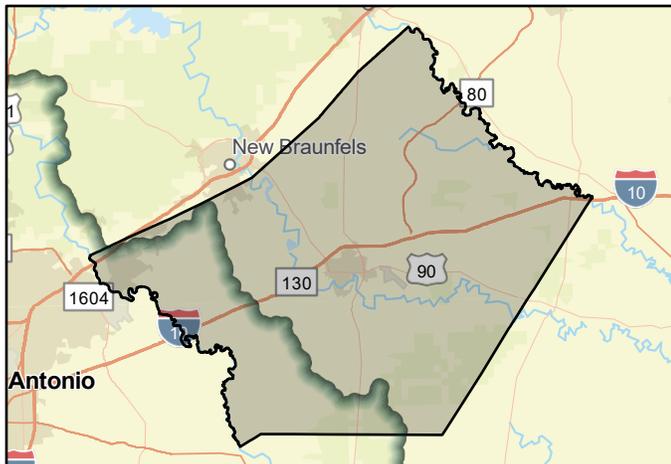
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **Travis County-Voluntary Buyout Program**

ID# **112000170** Sponsor **Travis (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Property Acquisition and Structural Elevation		
Strategy description	Identify and prioritize structures for elevation as flood mitigation. Elevate flood prone structures throughout unincorporated Travis County.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	1,021
Watershed HUC# (if known)	12100203	County	Travis

Existing 100-Year Flood Risk

Population at risk	3	# of structures	7	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	99	Roadway(s) impacted (miles)	0		
Number of low water crossings	1	Historical road closures	-		

100-Year Flood Risk Reduction

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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Victoria County-Voluntary Buyout Program**

ID# **112000181** Sponsor **Victoria (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Property Acquisition and Structural Elevation		
Strategy description	Implement a voluntary acquisition program for repetitive flood properties.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	887
Watershed HUC# (if known)	12100303, 12100204, 12100403	County	Victoria

Existing 100-Year Flood Risk

Population at risk	5,945	# of structures	1,808	Critical facilities	49
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	33,696	Roadway(s) impacted (miles)	99		
Number of low water crossings	5	Historical road closures	-		

100-Year Flood Risk Reduction

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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Wilson County-Voluntary Buyout Program**

ID# **112000185** Sponsor **Wilson (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Property Acquisition and Structural Elevation**

Strategy description **Acquire flooded structures to remove them out of the SFHA and restrict future structures from development on site. Consider the establishment of a voluntary "acquisition and demolition program", acquisition and structure relocation program "structure elevation"**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100202** Drainage area (mi², est.) **806**

County **Wilson**

Existing 100-Year Flood Risk

Population at risk **33** # of structures **18** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **2,120** Roadway(s) impacted (miles) **4**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

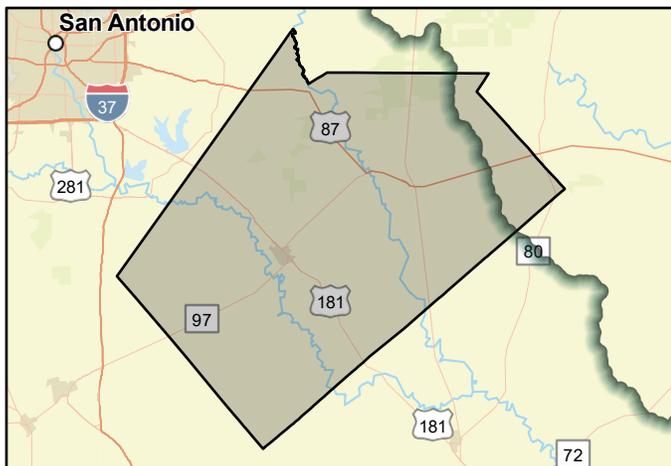
Impacts

Negative impacts? **No** Negative impacts description **N/A**

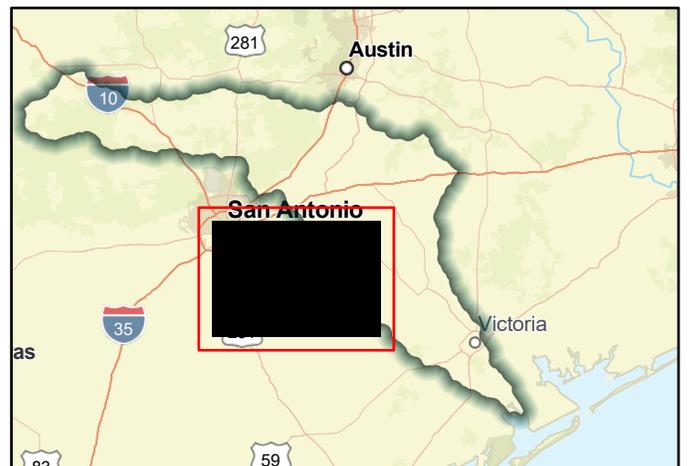
Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$850,000** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Blanco County-Floodplain Ordinance**

ID# **112000004** Sponsor **Blanco (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **Update county's floodplain ordinance above minimum requirements. Will be implemented by action of Commissioners' Court.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203, 12100201** Drainage area (mi², est.) **711**

County **Blanco**

Existing 100-Year Flood Risk

Population at risk **197** # of structures **167** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **4,092** Roadway(s) impacted (miles) **14**

Number of low water crossings **30** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

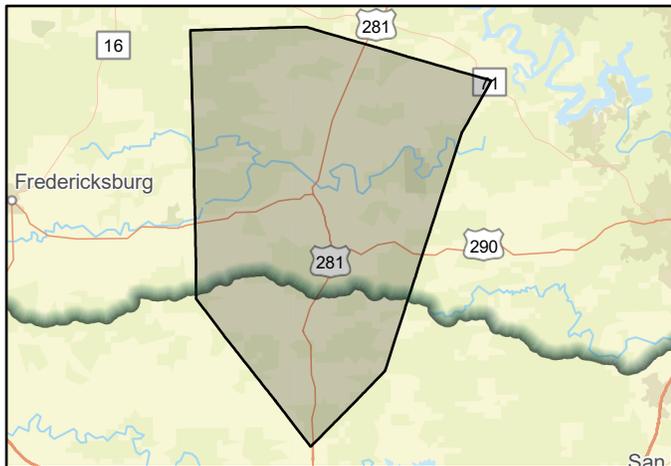
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$0** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Bulverde-Floodplain Ordinance**

ID# **112000021** Sponsor **Bulverde (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **Strengthen zoning ordinance to limit development in known high hazard areas.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100202, 12100201** Drainage area (mi², est.) **16**

County **Comal**

Existing 100-Year Flood Risk

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

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

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

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

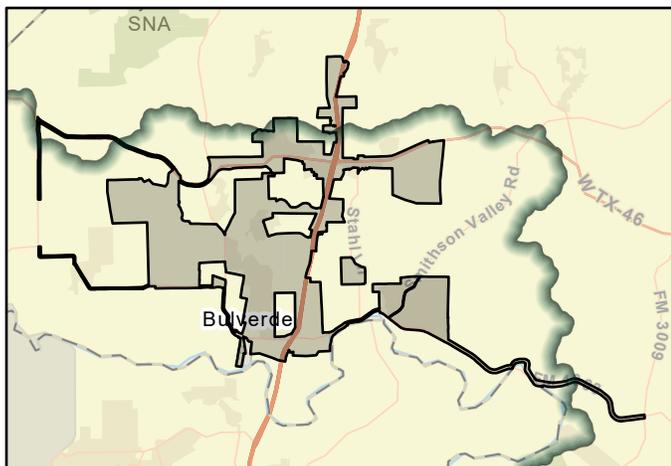
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Bulverde-Green Infrastructure Program**

ID# **112000022** Sponsor **Bulverde (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **Adopt and implement a "green infrastructure" program for parks, nature preserves and greenbelts throughout the city.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100202, 12100201** Drainage area (mi², est.) **16**

County **Comal**

Existing 100-Year Flood Risk

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

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

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

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

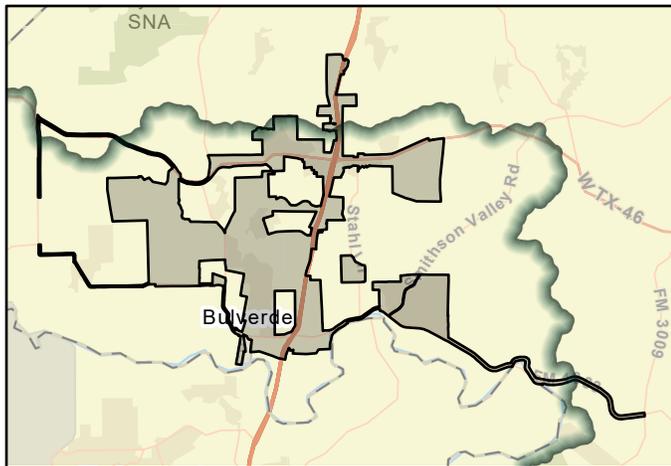
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$25,000** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Cibolo-Community Rating System**

ID# **112000023** Sponsor **Cibolo (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **Join the Community Rating System program to provide discounts to flood policy holders.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100202** Drainage area (mi², est.) **21**

County **Guadalupe**

Existing 100-Year Flood Risk

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

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

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

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

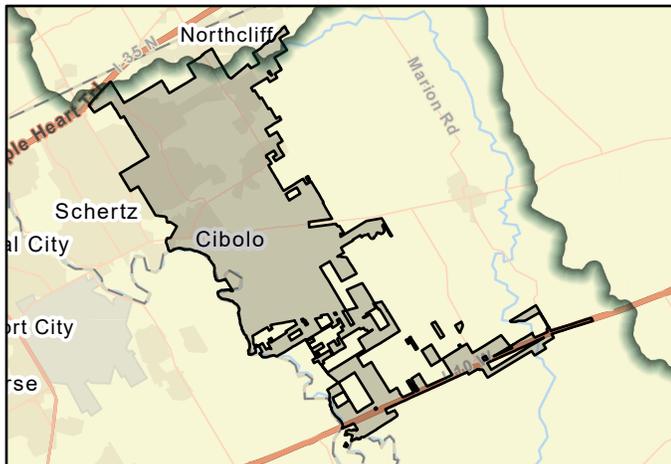
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of Cibolo-Floodplain Ordinance**

ID# **112000024** Sponsor **Cibolo (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **Restrict future development in high risk areas.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100202** Drainage area (mi², est.) **21**

County **Guadalupe**

Existing 100-Year Flood Risk

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

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

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

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

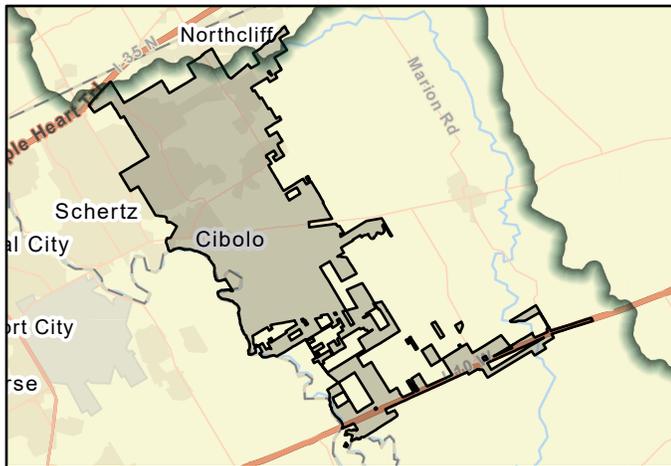
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$2,500** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of Cibolo-Floodplain Ordinance**

ID# **112000025** Sponsor **Cibolo (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Prohibit animal shelters in known hazard areas.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	21
Watershed HUC# (if known)	12100202	County	Guadalupe

Existing 100-Year Flood Risk

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

100-Year Flood Risk Reduction

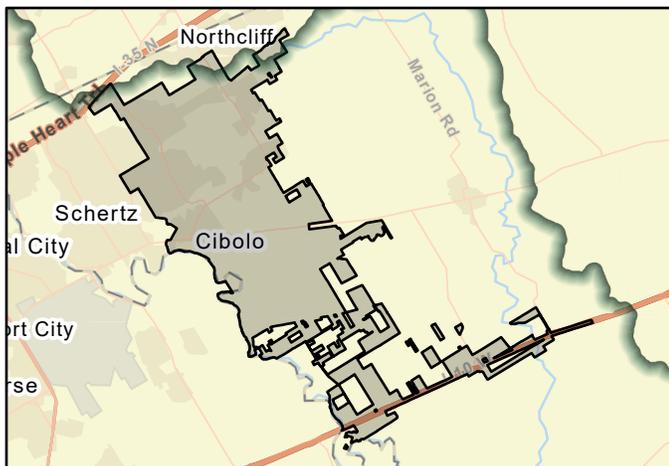
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

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

Estimated Cost

Strategy Cost	\$2,500	Amount of available funding	-	% Nature-Based	-
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of Cibolo-National Flood Insurance Program**

ID# **112000026** Sponsor **Cibolo (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Join the National Flood Insurance Program (NFIP).		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	21
Watershed HUC# (if known)	12100202	County	Guadalupe

Existing 100-Year Flood Risk

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

100-Year Flood Risk Reduction

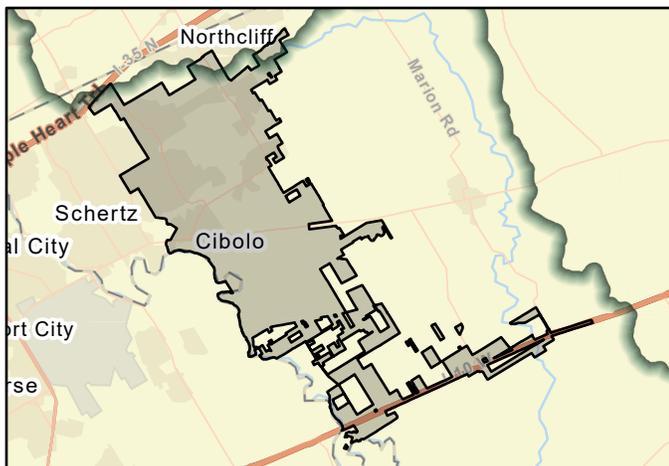
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

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

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of Cibolo-On-site Detention/Retention**

ID# **112000027** Sponsor **Cibolo (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Adopt on-site retention basin program in conjunction with development to address excessive stormwater / firefighting water source.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	21
Watershed HUC# (if known)	12100202	County	Guadalupe

Existing 100-Year Flood Risk

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

100-Year Flood Risk Reduction

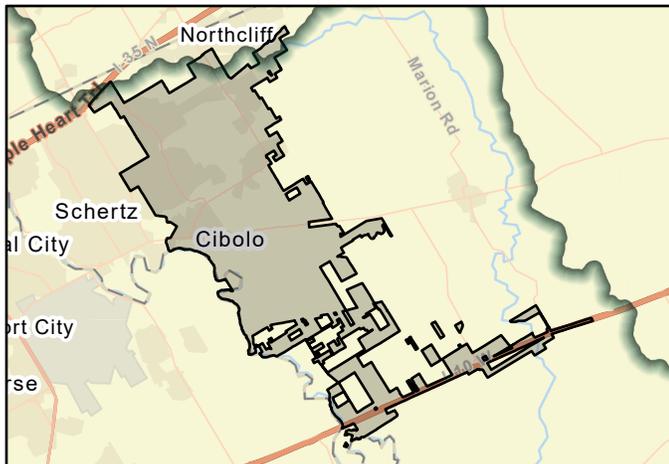
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Ingram-Floodplain Ordinance**

ID# **112000033** Sponsor **Ingram (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	The City of Ingram will re-evaluate all relevant ordinances including but not limited to Flood Damage Prevention Ordinance and Use of Land or Structures Ordinance. Improve existing ordinances when possible, and provide greater opportunity for overall enfo		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	1
Watershed HUC# (if known)	12100201	County	Kerr

Existing 100-Year Flood Risk

Population at risk	172	# of structures	122	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	24	Roadway(s) impacted (miles)	3		
Number of low water crossings	0	Historical road closures	-		

100-Year Flood Risk Reduction

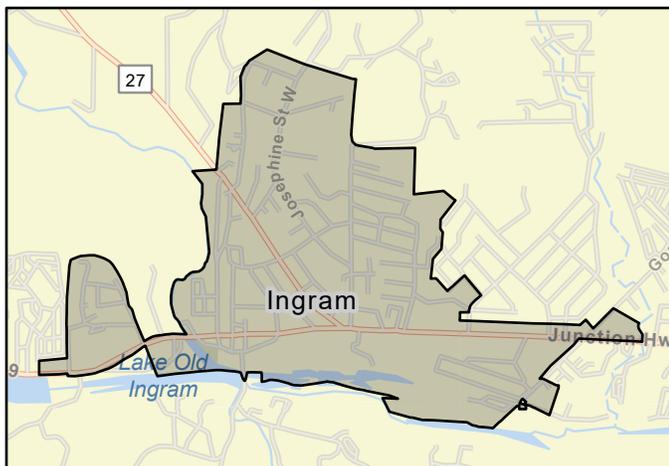
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)



Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	The City of Kerrville will re-evaluate all existing floodplain construction restrictions to identify strengths and weaknesses in order to produce a standalone floodplain development restriction ordinance, update its existing flood damage prevention ordina		
Associated FME's	<input type="text" value="-"/>	Associated FMP's	<input type="text" value="-"/>
Associated FMS's	<input type="text" value="-"/>	Drainage area (mi ² , est.)	<input type="text" value="22"/>
Watershed HUC# (if known)	<input type="text" value="12100201"/>	County	<input type="text" value="Kerr"/>

Existing 100-Year Flood Risk

Population at risk	<input type="text" value="7,383"/>	# of structures	<input type="text" value="1,505"/>	Critical facilities	<input type="text" value="4"/>
Flood risk type:	Riverine? <input type="text" value="Yes"/>	Coastal? <input type="text" value="No"/>	Local? <input type="text" value="No"/>	Playa? <input type="text" value="No"/>	Other? <input type="text" value="No"/>
Farm/Ranch land impacted (acres)	<input type="text" value="177"/>	Roadway(s) impacted (miles)	<input type="text" value="30"/>		
Number of low water crossings	<input type="text" value="19"/>	Historical road closures	<input type="text" value="-"/>		

100-Year Flood Risk Reduction

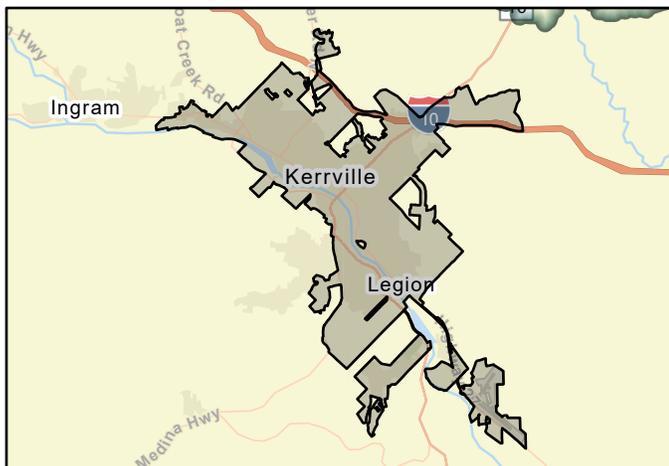
Population removed from 100-yr	<input type="text" value="0"/>	# of structures removed from 100-yr	<input type="text" value="0"/>
Critical facilities removed from 100-yr	<input type="text" value="0"/>	Farm/Ranch land removed from 100-yr (acres)	<input type="text" value="0"/>
Road removed from 100-yr (miles)	<input type="text" value="0"/>	Low water crossings removed from 100-yr	<input type="text" value="0"/>
Other benefits	<input type="text" value="N/A"/>	Reduction in # of road closures over 10 years	<input type="text" value="0"/>

Impacts

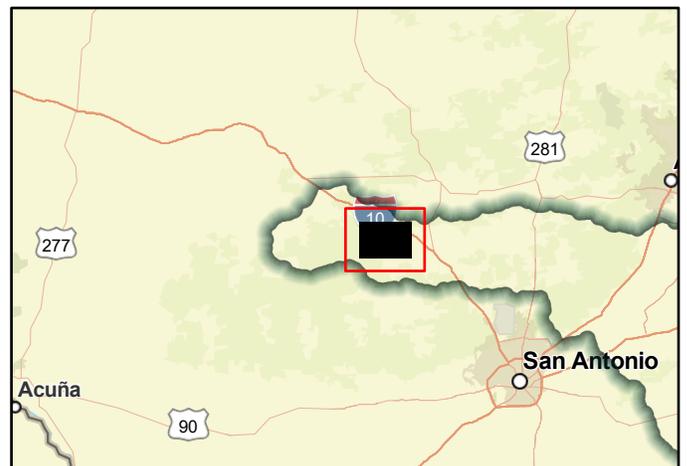
Negative impacts?	<input type="text" value="No"/>	Negative impacts description	<input type="text" value="N/A"/>
Water supply contributions?	<input type="text" value="No"/>	Water supply contribution description	<input type="text" value="-"/>

Estimated Cost

Strategy Cost	<input type="text" value="\$10,000"/>	Amount of available funding	<input type="text" value="-"/>	% Nature-Based	<input type="text" value="-"/>
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of Niederwald-Floodplain Ordinance**

ID# **112000061** Sponsor **Niederwald (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **Improve residential building permit to clarify floodplain information and reference required elevation certificates for development in Special Flood Hazard Area.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **4**

County **Caldwell,Hays**

Existing 100-Year Flood Risk

Population at risk **24** # of structures **9** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **150** Roadway(s) impacted (miles) **1**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

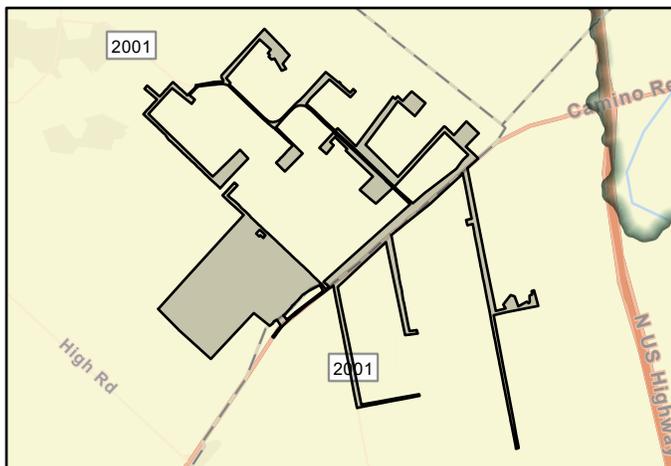
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$0** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of San Marcos-Floodplain Ordinance**

ID# **112000074** Sponsor **San Marcos (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Ordinance update to require any public facility location be reviewed against hazard area layers in order to require location selections consider the safest possible locations, with applicable mitigation standards required during development permitting for		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	36
Watershed HUC# (if known)	12100203	County	Guadalupe,Caldwell,

Existing 100-Year Flood Risk

Population at risk	19,605	# of structures	2,270	Critical facilities	14
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	822	Roadway(s) impacted (miles)	48		
Number of low water crossings	12	Historical road closures	-		

100-Year Flood Risk Reduction

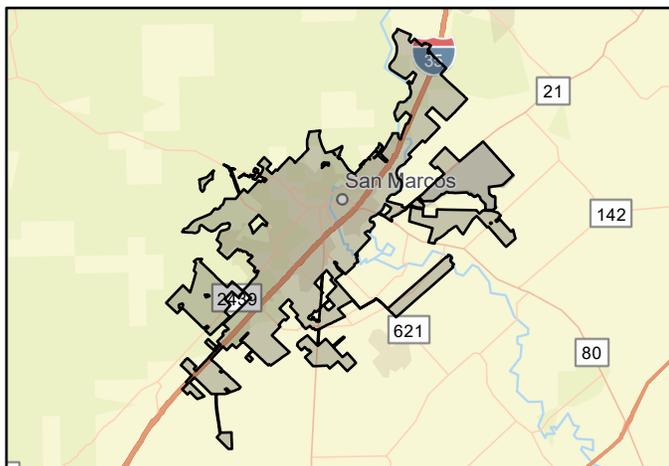
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

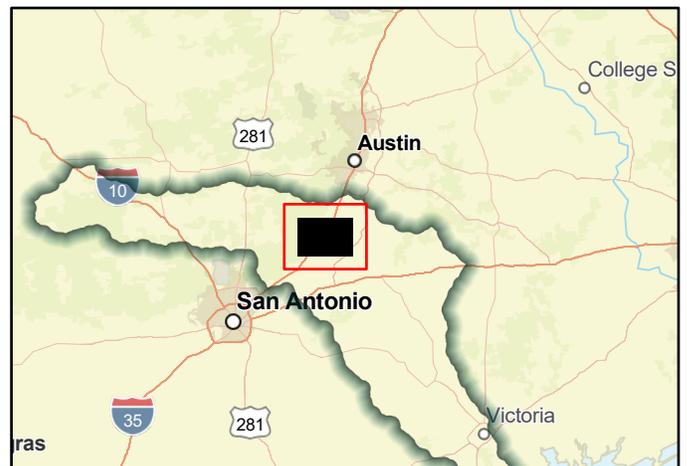
Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of San Marcos-Floodplain Ordinance**

ID# **112000075** Sponsor **San Marcos (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Ordinance No. 2016-50 Flood Damage Prevention		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	36
Watershed HUC# (if known)	12100203	County	Guadalupe,Caldwell,

Existing 100-Year Flood Risk

Population at risk	19,605	# of structures	2,270	Critical facilities	14
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	822	Roadway(s) impacted (miles)	48		
Number of low water crossings	12	Historical road closures	-		

100-Year Flood Risk Reduction

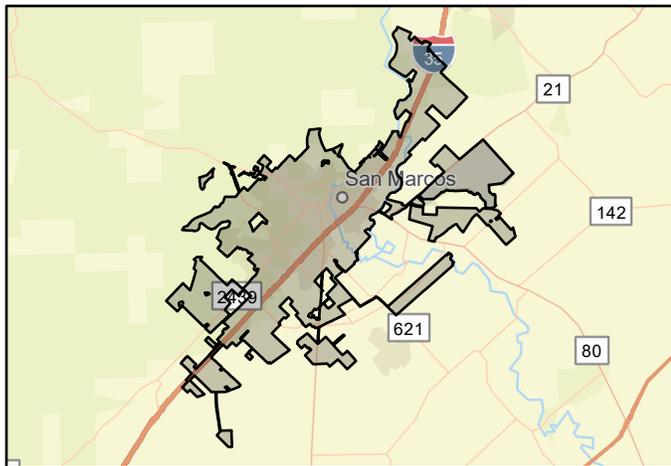
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Seguin-Green Infrastructure Program**

ID# **112000012** Sponsor **Seguin (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **Establish, adopt, and implement a "green infrastructure" program for parks, nature preserves, greenbelts, etc.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100202** Drainage area (mi², est.) **38**

County **Guadalupe**

Existing 100-Year Flood Risk

Population at risk **3,046** # of structures **846** Critical facilities **5**

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

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

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

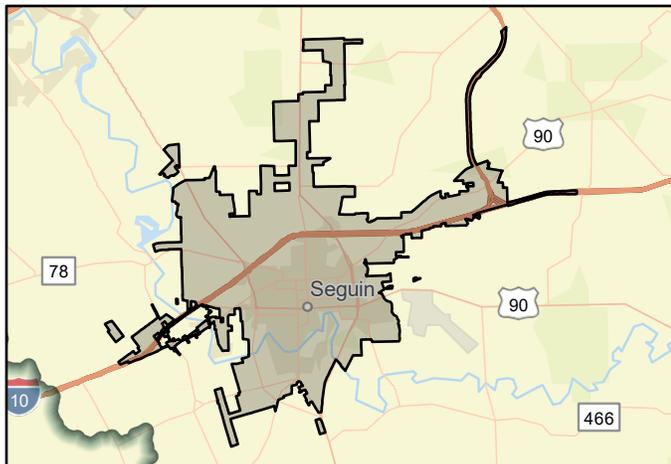
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Seguin-Floodplain Ordinance**

ID# **112000079** Sponsor **Seguin (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **Restrict future development in high risk areas.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100202** Drainage area (mi², est.) **38**

County **Guadalupe**

Existing 100-Year Flood Risk

Population at risk **3,046** # of structures **846** Critical facilities **5**

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

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

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

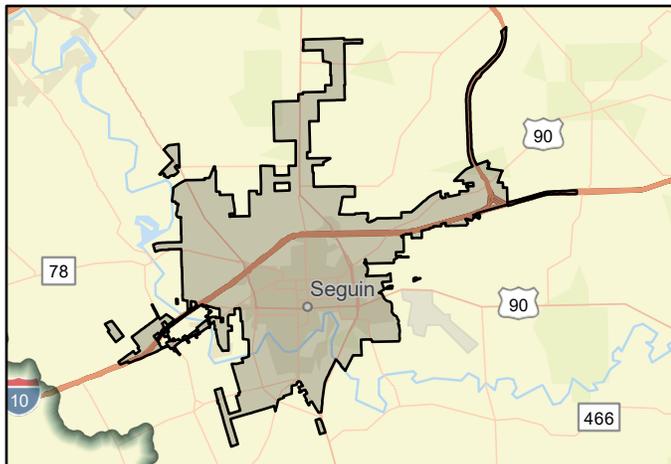
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$2,500** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Umland-Floodplain Enforcement**

ID# **112000087** Sponsor **Umland (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Plan for how to enforce flood damage prevention ordinance against encroachments in the floodway by inspecting for private dams that are not authorized and requirement of no-rise study when they are found to ensure neighbors are not at risk to be negativel		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	3
Watershed HUC# (if known)	12100203	County	Caldwell,Hays

Existing 100-Year Flood Risk

Population at risk	34	# of structures	27	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	94	Roadway(s) impacted (miles)	2		
Number of low water crossings	3	Historical road closures	-		

100-Year Flood Risk Reduction

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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of Wimberley-Floodplain Enforcement**

ID# **112000103** Sponsor **Wimberley (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Plan for how to enforce flood damage prevention ordinance against encroachments in the floodway by inspecting for private dams that are not authorized and requirement of no-rise study when they are found to ensure neighbors are not at risk to be negativel		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	9
Watershed HUC# (if known)	12100203	County	Hays

Existing 100-Year Flood Risk

Population at risk	661	# of structures	503	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	25	Roadway(s) impacted (miles)	8		
Number of low water crossings	6	Historical road closures	-		

100-Year Flood Risk Reduction

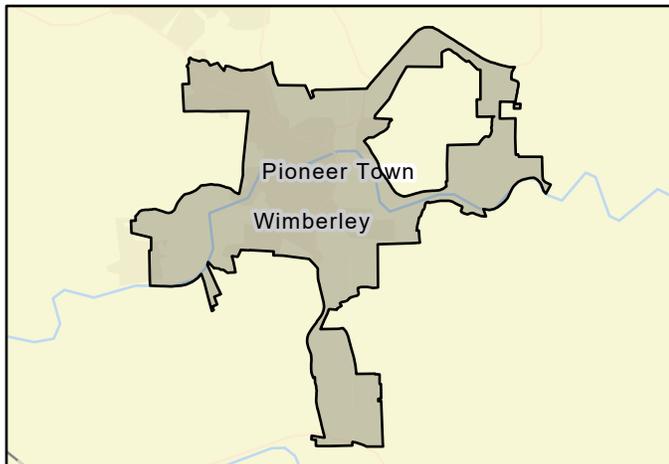
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of Wimberley-Floodplain Ordinance**

ID# **112000105** Sponsor **Wimberley (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **Adopt 2 foot freeboard in existing ordinance for new development and substantial repairs**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **9**

County **Hays**

Existing 100-Year Flood Risk

Population at risk **661** # of structures **503** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **25** Roadway(s) impacted (miles) **8**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

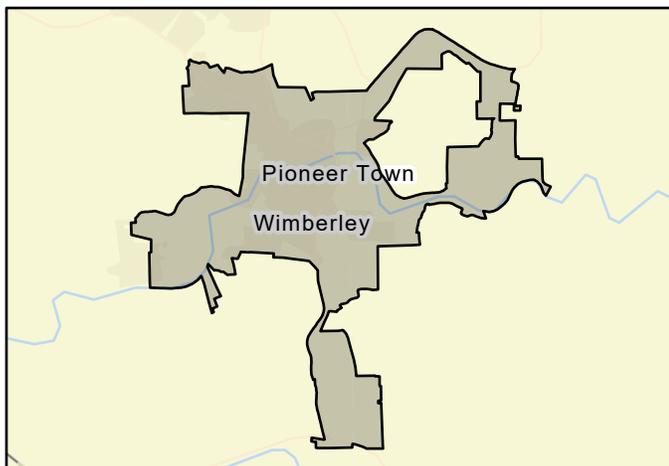
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$0** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of Wimberley-Floodplain Ordinance**

ID# **112000106** Sponsor **Wimberley (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Specific ordinance that limits development along the river in an effort to mitigate loss of life and property		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	9
Watershed HUC# (if known)	12100203	County	Hays

Existing 100-Year Flood Risk

Population at risk	661	# of structures	503	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	25	Roadway(s) impacted (miles)	8		
Number of low water crossings	6	Historical road closures	-		

100-Year Flood Risk Reduction

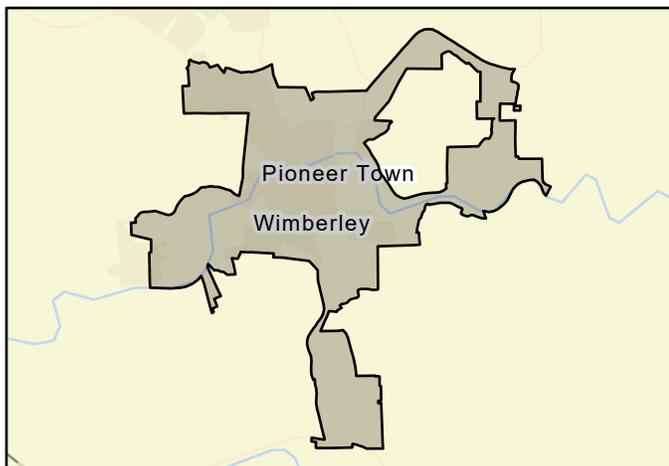
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

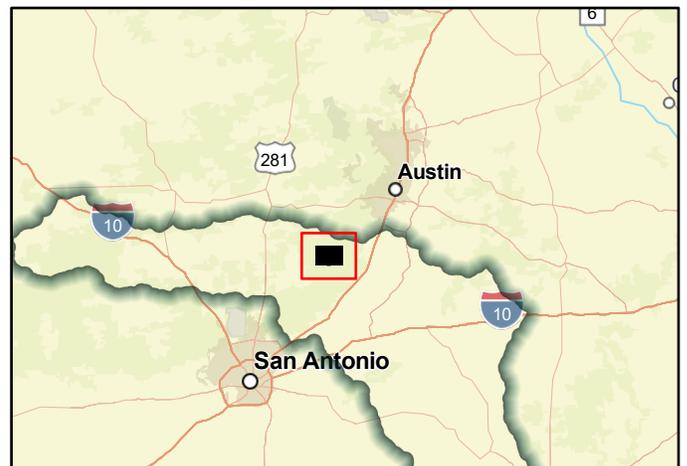
Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of Woodcreek-Floodplain Enforcement**

ID# **112000112** Sponsor **Woodcreek (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Plan for how to enforce flood damage prevention ordinance against encroachments in the floodway by inspecting for private dams that are not authorized and requirement of no-rise study when they are found		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	1
Watershed HUC# (if known)	12100203	County	Hays

Existing 100-Year Flood Risk

Population at risk	57	# of structures	37	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	4	Roadway(s) impacted (miles)	1		
Number of low water crossings	2	Historical road closures	-		

100-Year Flood Risk Reduction

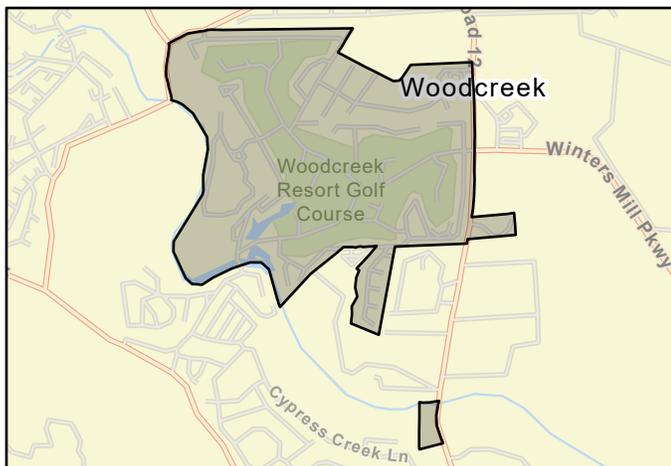
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

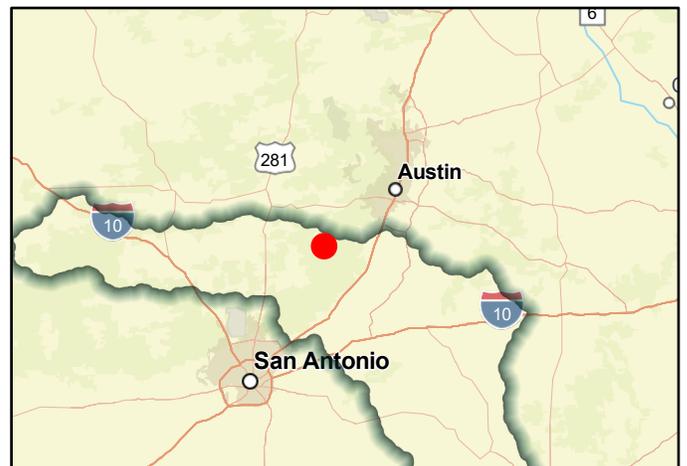
Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Comal County-Floodplain Ordinance**

ID# **112000124** Sponsor **Comal (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **Adopt land use restrictions to limit development in high risk areas.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203, 12100202, 12100201** Drainage area (mi², est.) **573**

County **Comal**

Existing 100-Year Flood Risk

Population at risk **11,115** # of structures **3,677** Critical facilities **6**

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

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

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

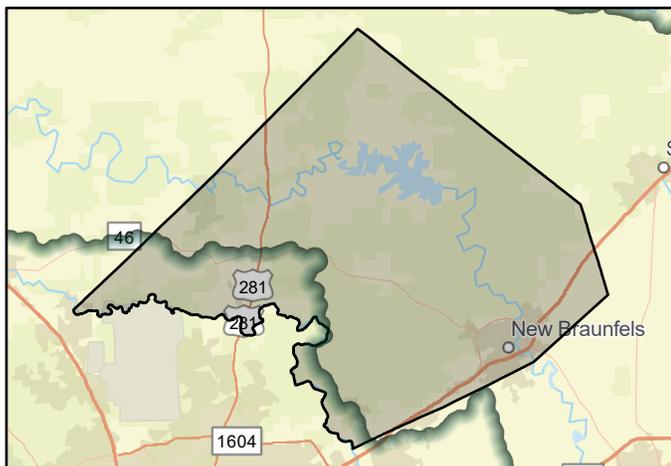
Impacts

Negative impacts? **No** Negative impacts description **N/A**

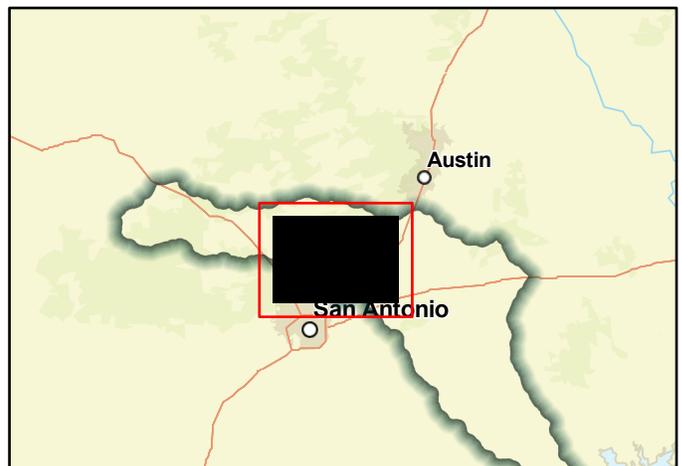
Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Comal County-Floodplain Ordinance**

ID# **112000125** Sponsor **Comal (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **Order No. 232 - Flood Damage Prevention Order**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203, 12100202, 12100201** Drainage area (mi², est.) **573**

County **Comal**

Existing 100-Year Flood Risk

Population at risk **11,115** # of structures **3,677** Critical facilities **6**

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

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

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

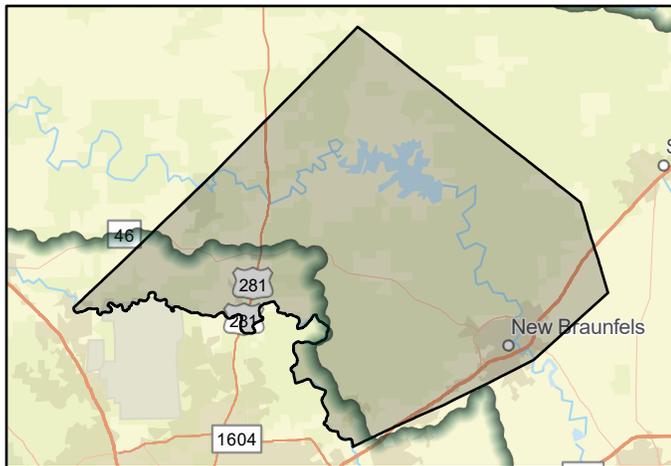
Impacts

Negative impacts? **No** Negative impacts description **N/A**

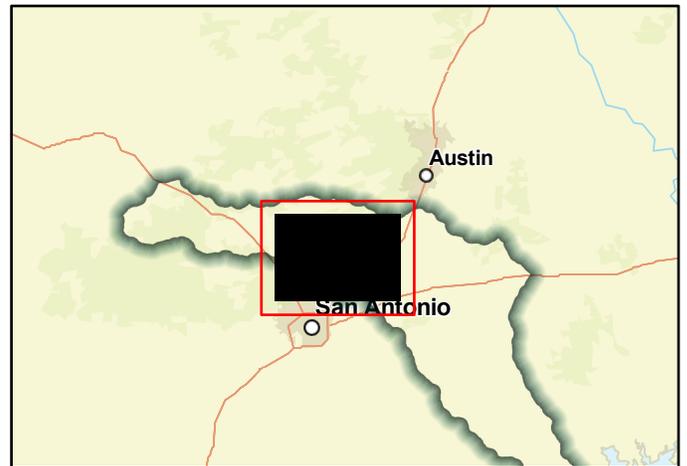
Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Guadalupe County-Floodplain Ordinance**

ID# **112000146** Sponsor **Guadalupe (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Adopt on-site retention basin program in conjunction with development to address excessive stormwater / firefighting water source.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	713
Watershed HUC# (if known)	12100203, 12100202	County	Guadalupe

Existing 100-Year Flood Risk

Population at risk	13,164	# of structures	5,822	Critical facilities	14
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	25,477	Roadway(s) impacted (miles)	117		
Number of low water crossings	130	Historical road closures	-		

100-Year Flood Risk Reduction

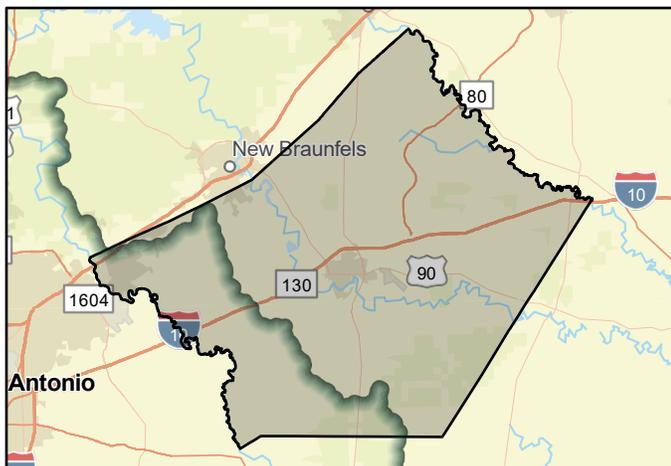
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	N/A	Reduction in # of road closures over 10 years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

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Hays County-Community Rating System**

ID# **112000150** Sponsor **Hays (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **Join the Community Rating System program to provide discounts to flood policy holders.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203** Drainage area (mi², est.) **676**

County **Hays**

Existing 100-Year Flood Risk

Population at risk **25,061** # of structures **4,359** Critical facilities **15**

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

Farm/Ranch land impacted (acres) **10,537** Roadway(s) impacted (miles) **100**

Number of low water crossings **117** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

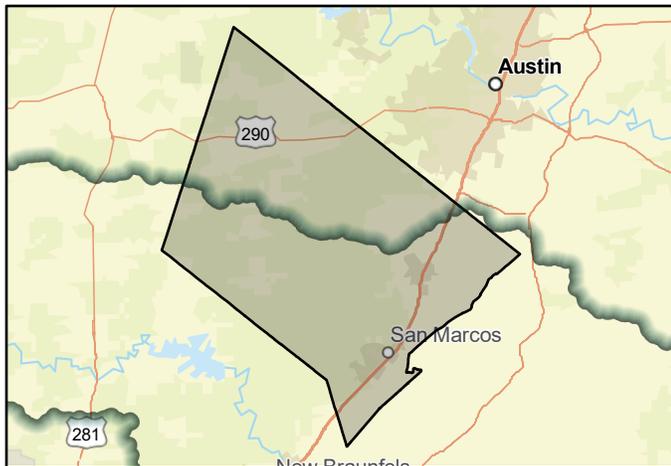
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$-** Amount of available funding **-** % Nature-Based **-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Kendall County-Floodplain Ordinance**

ID# **112000160** Sponsor **Kendall (County)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **Strengthen subdivision rules and regulations to encourage higher densities only outside of known hazard areas and stronger construction standards to mitigate against hazards including wind, hail, wildfire, and flood. As development rules and regulations a**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **12100203, 12100201** Drainage area (mi², est.) **661**

County **Kendall**

Existing 100-Year Flood Risk

Population at risk **2,040** # of structures **1,374** Critical facilities **4**

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

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

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

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

Other benefits **N/A** Reduction in # of road closures over 10 years **0**

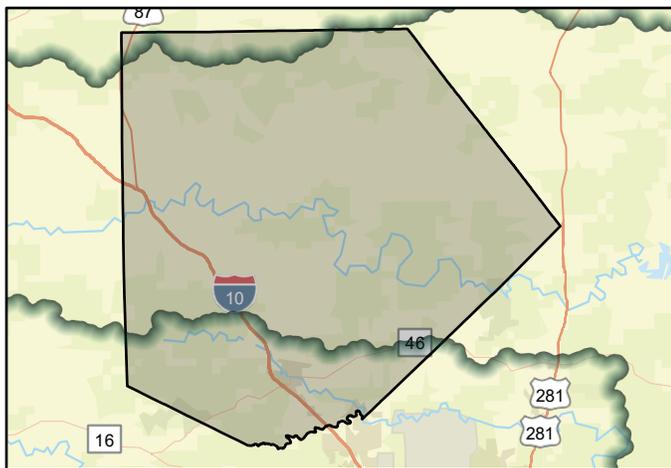
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

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



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **Mountain City-Floodplain Ordinance**

ID# **112000052** Sponsor **Mountain City (Municipality)**

RFPG recommend? **TBD** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Create a plan to review the ordinance every 5 years and if possible, adopt 1 foot of freeboard in existing ordinance for new development and substantial repairs and also to include a field that requires City staff to check Flood Insurance Rate Maps before		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	1
Watershed HUC# (if known)	12100203	County	Hays

Existing 100-Year Flood Risk

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

100-Year Flood Risk Reduction

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

Impacts

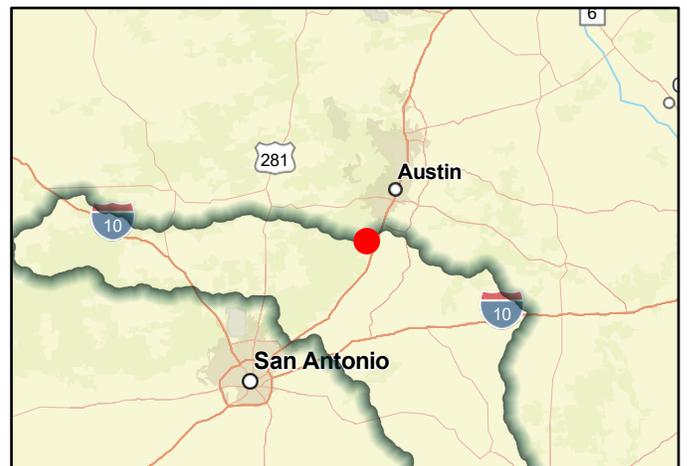
Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

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



Regional view of FMS area