



2023 Nueces Regional Flood Plan Project Summary Sheet

<p>Project Name: Risk Area 17 - Lost Creek & Nye & Peterson Farm</p> <p>FME ID: 131000205</p> <p>Project Sponsor: City of Robstown</p> <p>Project Source: Provided by stakeholders</p> <p>Study Type: Project Planning</p> <p>Related Goal: 5- Structural Inundations</p> <p>Project Cost: (2020 Prices) \$150,000</p>	<div style="position: absolute; bottom: 10px; right: 10px; border: 1px solid black; padding: 5px; width: fit-content;"> <p> Amended FME</p> <p> 100 - Year Inundation</p> <p> Creeks</p> </div>
<p>Project Description: Lost Creek, Nye, and Peterson Farm is inundated as a result of Petronila Creek overflowing. This project will consist of a study and design project to develop a means to alleviate flooding in the area.</p>	



2023 Nueces Regional Flood Plan Project Summary Sheet

<p>Project Name: Risk Area 22 - Petronila Acres</p> <p>FME ID: 131000206</p> <p>Project Sponsor: City of Robstown</p> <p>Project Source: Provided by stakeholders</p> <p>Study Type: Project Planning</p> <p>Related Goal: 5- Structural Inundations</p> <p>Project Cost: (2020 Prices) \$250,000</p> <p style="text-align: center;">Project Description:</p> <p>Petronila acres experiences runoff from stream B-07 and UNT 1 to B-07 spill over. Runoff flows through residential areas towards stream B-15. This project will consist of a study and design project to develop a means to alleviate flooding in the area.</p>	
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2023 Nueces Regional Flood Plan Project Summary Sheet

<p>Project Name: Risk Area 24 - San Petronila Estates</p> <p>FME ID: 131000207</p> <p>Project Sponsor: City of Robstown</p> <p>Project Source: Provided by stakeholders</p> <p>Study Type: Project Planning</p> <p>Related Goal: 5- Structural Inundations</p> <p>Project Cost: (2020 Prices) \$150,000</p> <p>Project Description:</p>	<p>The map displays the project area with various roads and flood zones. The Amended FME is outlined in yellow, covering County Roads 10, 12, 14, 14A, 14B, 14D, 14E, 63A, 63B, and 63A. Blue shaded areas indicate 100-Year Inundation, primarily along County Road 14 and County Road 12. Light blue lines represent creeks, including Ojo de Angua. A legend in the bottom right corner identifies the symbols: a yellow outline for Amended FME, a blue fill for 100-Year Inundation, and a light blue line for Creeks. A north arrow is located in the top right corner of the map area.</p>
<p>The residential area of San Petronila Estates experiences flooding when excess runoff overtops County Roads 63 and 14F. This project will consist of a study and design project to develop a means to alleviate flooding in the area.</p>	



2023 Nueces Regional Flood Plan Project Summary Sheet

<p>Project Name: Risk Area 15 - Spring Gardens & Primavera Estates</p> <p>FME ID: 131000208</p> <p>Project Sponsor: City of Robstown</p> <p>Project Source: Provided by stakeholders</p> <p>Study Type: Project Planning</p> <p>Related Goal: 5- Structural Inundations</p> <p>Project Cost: (2020 Prices) \$100,000</p> <p>Project Description:</p>	
<p>Runoff collects and ponds throughout the residential areas of Spring Gardens and Primavera Estates due to inadequate drainage. This project will consist of a study and design project to develop a means to alleviate flooding in the area.</p>	<p>Amended FME</p> <p>100 - Year Inundation</p> <p>Creeks</p>



2023 Nueces Regional Flood Plan Project Summary Sheet

<p>Project Name: Risk Area 16 - Tierra Verde</p> <p>FME ID: 131000209</p> <p>Project Sponsor: City of Robstown</p> <p>Project Source: Provided by stakeholders</p> <p>Study Type: Project Planning</p> <p>Related Goal: 5- Structural Inundations</p> <p>Project Cost: (2020 Prices) \$100,000</p>	
<p>Project Description: Runoff collects and ponds throughout the residential area of Tierra Verde, with inundation anticipated to increase as runoff increases. This project will consist of a study and design project to develop a means to alleviate flooding in the area.</p>	



2023 Nueces Regional Flood Plan Project Summary Sheet

<p>Project Name: Risk Area 02 - Westwood Estates</p> <p>FME ID: 131000210</p> <p>Project Sponsor: City of Robstown</p> <p>Project Source: Provided by stakeholders</p> <p>Study Type: Project Planning</p> <p>Related Goal: 5- Structural Inundations</p> <p>Project Cost: (2020 Prices) \$150,000</p>	
<p>Project Description:</p> <p>Westwood Estates and nearby Sweetwater Rd become inundated due to runoff from Agua Dulce and Banquete Creeks and insufficient local drainage. This project will consist of a study and design project to develop a means to alleviate flooding in the area.</p>	



2023 Nueces Regional Flood Plan Project Summary Sheet

<p>Project Name: Risk Area 30 - Patronila Creek Environmental Study</p> <p>FME ID: 131000211</p> <p>Project Sponsor: Nueces and Kleberg County</p> <p>Project Source: Provided by stakeholders</p> <p>Study Type: Project Planning</p> <p>Related Goal: 5- Structural Inundations</p> <p>Project Cost: (2020 Prices) \$250,000</p>	<p>Ojo de Angua County Road 57 County Rd 49A State H</p> <p>County Road 51</p> <p>Ojo de Angua</p> <p>Ojo de Angua</p> <p>Ojo de Angua</p> <p>Amended FME 100 - Year Inundation Creeks</p>
<p>Project Description: A water quality analysis is needed for Patronila Creek where it enters Baffin Bay in Kleburg County. Project proposes installation of water quality gauges at several locations along the Creek.</p>	



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Project Name: Ray McDonald Ranch Road Low Water Crossing Upgrade

FME ID: 131000212

Project Sponsor: Real County

Project Source: Meeting with Real County

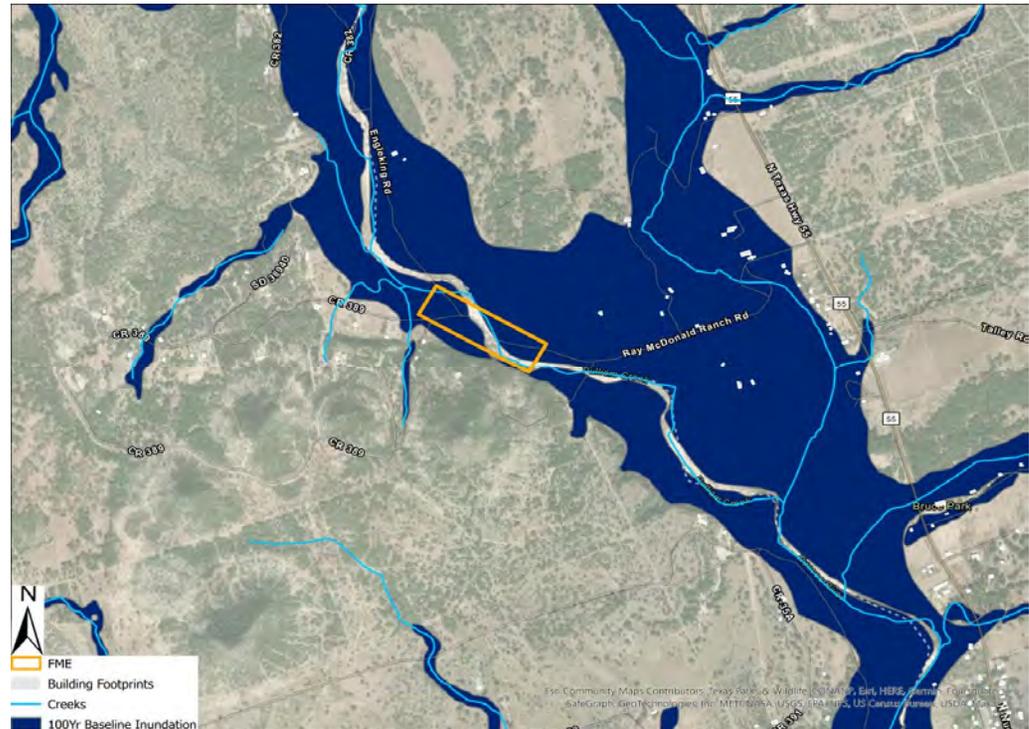
Study Type: Engineering Project Planning

Related Goals: Low Water Crossing

Project Cost: \$100,000
(2020 Prices)

Project Description:

Ray McDonald Ranch Road north of the City of Camp Wood in Real County, TX has two low water crossings across the Nueces River. This road is the only ingress/egress point for numerous households to cross the Pulliam Creek branch of the Nueces River. The first crossing over the main channel of the Nueces river has previously been upgraded. The second crossing, shown to the right, is inundated in wet weather events and needs an upgrade to ensure access and evacuation for the citizens on the other side of the crossing. Further study and involvement from the City of Camp Wood and Real County is required to assess all risk factors and feasible solutions to improve this crossing. Project cost was developed using FME cost spreadsheet (found in Appendix C8 - Supporting Costing Material for Flood Mitigation Actions) for a localized project.





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Project Name: Camino Bajo Low Water Crossing

FME ID: 131000213

Project Sponsor: Real County

Project Source: Real County

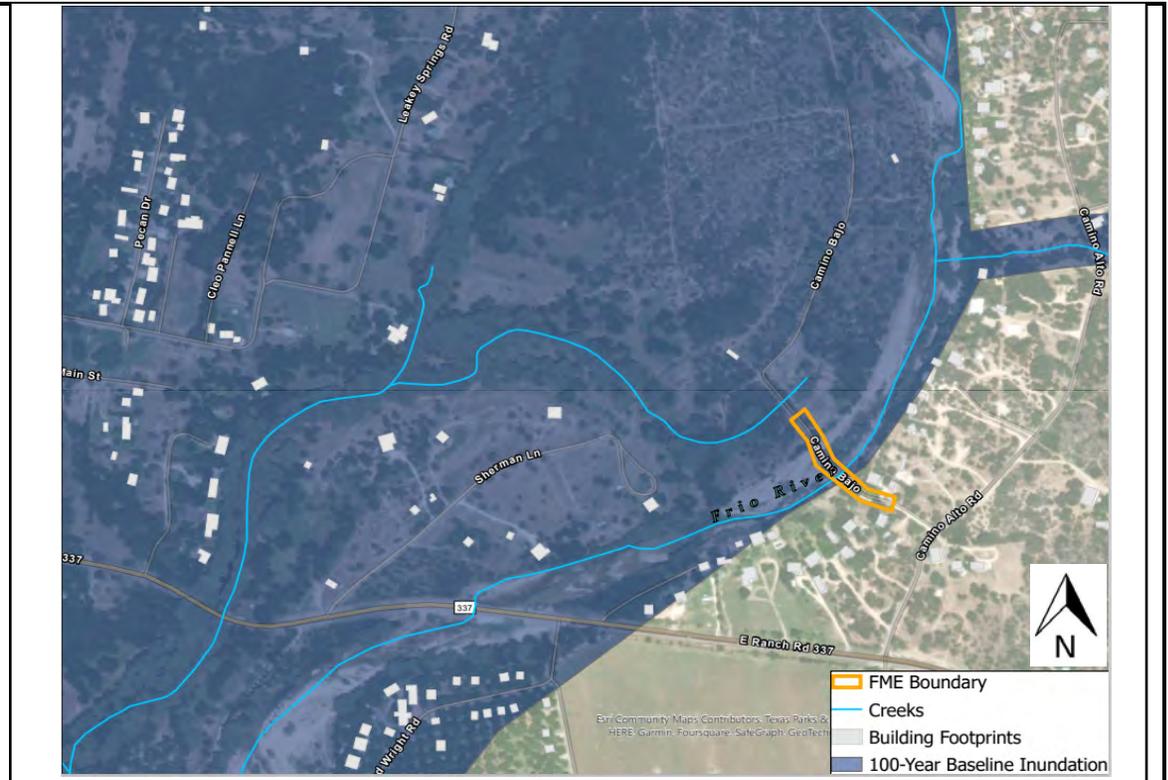
Study Type: Engineering Project Planning

Related Goals: Low Water Crossing

Project Cost: \$100,000
(2020 Prices)

Project Description:

Project to address the low water crossing at Camino Bajo on the Frio River in Leakey, Texas. The meandering of the Frio River has destroyed the low water crossing. Camino Bajo connects two homes across the Frio. The BLE model was obtained from Stantec, but no study was done due to the lack of regional benefit in this area. Future development may increase the potential regional benefit. Project cost was developed using FME cost spreadsheet (found in Appendix C8 - Supporting Costing Material for Flood Mitigation Actions) for a localized project.





2023 Nueces Regional Flood Plan Project Summary Sheet

<p>Project Name: Sp-A: Glen Erin Estates Improvements</p> <p>FME ID: 131000214</p> <p>Project Sponsor: City of San Patricio</p> <p>Project Source: Provided by stakeholders</p> <p>Study Type: Project Planning</p> <p>Related Goal: 5- Structural Inundations</p> <p>Project Cost: \$72,000 (2020 Prices)</p> <p>Project Description:</p>	<p>The map displays an aerial view of a residential area in San Patricio. A large orange outline indicates the 'Amended FME' (Flood Management Element) boundary. A dark blue shaded region represents the '100 - Year inundation' area. Light blue lines show the locations of 'Creeks'. A black line marks the 'Improvement Centerline'. Key roads labeled include 'Gallway Drive', 'McMurray Ln', and 'FM 566'. The city name 'San Patricio' is also visible on the map.</p>
<p>Project consists of six 4' X 4' RCBs installed beneath McMurray Lane in addition to regrading 1500' of a trapezoidal channel upstream of the RCBs and near Galway Drive.</p>	



2023 Nueces Regional Flood Plan Project Summary Sheet

<p>Project Name: Sp-B: Nopal Street Improvements</p> <p>FME ID: 131000215</p> <p>Project Sponsor: City of San Patricio</p> <p>Project Source: Provided by stakeholders</p> <p>Study Type: Project Planning</p> <p>Related Goal: 5- Structural Inundations</p> <p>Project Cost: (2020 Prices) \$249,000</p> <p>Project Description:</p>	<p>The map displays an aerial view of a rural area with various flood zones. A yellow outline indicates the 'Amended FME' (Flood Management Element) boundary. A dark blue shaded area represents the '100-Year Inundation' zone. Light blue lines indicate 'Creeks'. A black line marks the 'Improvement Centerline' for Nopal Street. Other streets shown include Sullivan St, Old Main St, County Road 23, County Road 60/A, and Church St. A north arrow is located in the top right corner of the map area.</p>
<p>Project consists of installing four 400' long 4' x 4' RCBs beneath Nopal Street / County Road 60 and the intersecting gravel road.</p>	



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<p>Project Name: Lc-A: Park Road 25 Improvements</p> <p>FME ID: 131000216</p> <p>Project Sponsor: City of Lake City</p> <p>Project Source: Provided by stakeholders</p> <p>Study Type: Project Planning</p> <p>Related Goal: 5- Structural Inundations</p> <p>Project Cost: (2020 Prices) \$56,000</p> <p style="text-align: center;">Project Description:</p> <p>Project consists of three 42' long sections of 36" RCP being installed beneath Park Road 25, grading of 350' of trapezoidal channel along Park Road 25 and Bayview Drive, and installation of two 140' long sections of 3' X 3' RCBs under Bayview Drive to Lake Corpus Christi.</p>	<div style="position: absolute; bottom: 10px; right: 10px; border: 1px solid black; padding: 5px;"> <table style="font-size: 8px; border-collapse: collapse;"> <tr><td> Amended FME</td></tr> <tr><td> 100 - Year Inundation</td></tr> <tr><td> Creeks</td></tr> <tr><td> Improvement Centerline</td></tr> </table> </div>	 Amended FME	 100 - Year Inundation	 Creeks	 Improvement Centerline
 Amended FME					
 100 - Year Inundation					
 Creeks					
 Improvement Centerline					



2023 Nueces Regional Flood Plan Project Summary Sheet

<p>Project Name: Co-A: The Colony Subdivision Improvements</p> <p>FME ID: 131000217</p> <p>Project Sponsor: San Patricio County</p> <p>Project Source: Provided by stakeholders</p> <p>Study Type: Project Planning</p> <p>Related Goal: 5- Structural Inundations</p> <p>Project Cost: (2020 Prices) \$189,000</p>	
<p>Project Description: First ditch to extend from FM 2046 for a length of 2500' and outfall into exist channel, second ditch to extend from County Road (CR) 1272 along CR 57A for a length of 1,150 feet to outfall into exist channel to the north. Upsize CR 57A crossing to four 36" RCPs and CR 1272 crossing to four 30' long 48" RCPs; 200' of 6' X 3' RCBs to be installed from FM 2046 to new ditch.</p>	



2023 Nueces Regional Flood Plan Project Summary Sheet

<p>Project Name: Co-B: County Road 1136 Improvements</p> <p>FME ID: 131000218</p> <p>Project Sponsor: San Patricio County</p> <p>Project Source: Provided by stakeholders</p> <p>Study Type: Project Planning</p> <p>Related Goal: 5- Structural Inundations</p> <p>Project Cost: (2020 Prices) \$37,000</p> <p>Project Description:</p>	<p>Map showing County Road 1136, State Hwy 148, and 100-year inundation areas. A yellow rectangle highlights the project area. A legend in the bottom right identifies 'Amended FME' (yellow), '100 - Year Inundation' (blue), 'Creeks' (green), and 'Improvement Centerline' (black). A north arrow and map number '37' are in the top right.</p>
<p>Existing culverts to be upsized to dual 4' X 8' RCBs 45' in length under County Road 1136 near the railroad.</p>	

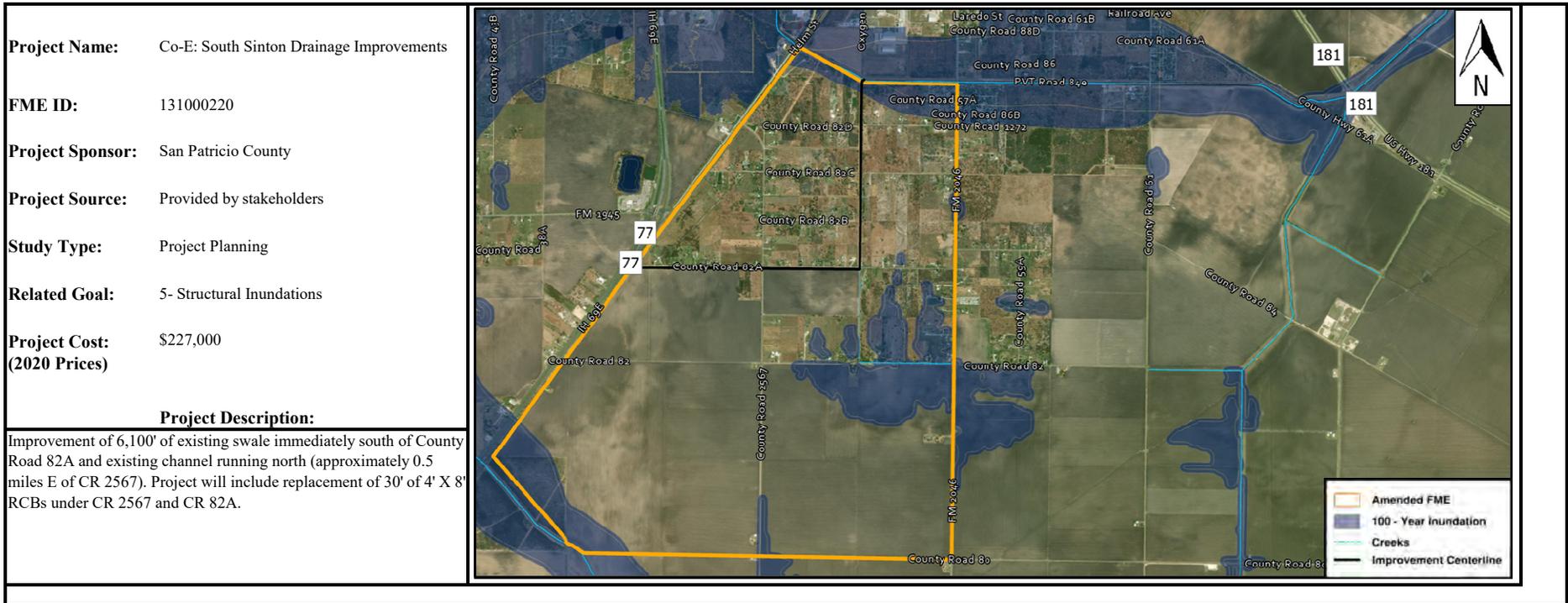


2023 Nueces Regional Flood Plan Project Summary Sheet

<p>Project Name: Co-C: South Sinton Levee</p> <p>FME ID: 131000219</p> <p>Project Sponsor: San Patricio County</p> <p>Project Source: Provided by stakeholders</p> <p>Study Type: Project Planning</p> <p>Related Goal: 5- Structural Inundations</p> <p>Project Cost: (2020 Prices) \$121,000</p> <p>Project Description:</p>	<p>Legend:</p> <ul style="list-style-type: none"> Amended FME 100 - Year Inundation Creeks Improvement Centerline
<p>5,700' earthen levee to be constructed from south of County Road (CR) 82 near the railroad and will end at CR 2567.</p>	



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2023 Nueces Regional Flood Plan Project Summary Sheet

<p>Project Name: Co-F: Gregory Outfall Development</p> <p>FME ID: 131000221</p> <p>Project Sponsor: San Patricio County</p> <p>Project Source: Provided by stakeholders</p> <p>Study Type: Project Planning</p> <p>Related Goal: 5- Structural Inundations</p> <p>Project Cost: (2020 Prices) \$352,000</p> <p style="text-align: center;">Project Description:</p> <p>Two new ditches, with the first to extend from the north side of West 4th St to existing channel north of Access Road 102 for a total length of 18,500' and the second to extend from Ave C near 9th St to existing outfall behind Orchid Circle for a total length of 15,600'. 30' of 4' X 8' RCBs will be installed under Access Roads 106, 102, and at the outfall for the first ditch, and 25' and 45' of 4' X 8' RCB installed under Avenue C and FM136 for the second ditch, respectively.</p>	
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2023 Nueces Regional Flood Plan Project Summary Sheet

<p>Project Name: Co-G: West Ingleside Outfall</p> <p>FME ID: 131000222</p> <p>Project Sponsor: San Patricio County</p> <p>Project Source: Provided by stakeholders</p> <p>Study Type: Project Planning</p> <p>Related Goal: 5- Structural Inundations</p> <p>Project Cost: (2020 Prices) \$275,000</p> <p>Project Description:</p>	
<p>New 2,700' outfall channel from Amarillo St and Coach Emory Bellard Dr to existing swale south of Highland St. Improvements will include installation of 164' of dual 5' X 6' RCB culverts.</p>	



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<p>Project Name: Co-H: Taft Southwest Outfall</p> <p>FME ID: 131000223</p> <p>Project Sponsor: San Patricio County</p> <p>Project Source: Provided by stakeholders</p> <p>Study Type: Project Planning</p> <p>Related Goal: 5- Structural Inundations</p> <p>Project Cost: \$307,000 (2020 Prices)</p> <p>Project Description:</p>	
<p>New 4,300' long outfall ditch starting at Toland Ave and Ash St that will run along Toland Ave and existing lots until it outfalls to US 181, which will also be improved for a length of 7,200'. A double set of 4' X 8' RCB culvert crossings will be installed at an access road that will be crossed by the new ditch.</p>	



2023 Nueces Regional Flood Plan Project Summary Sheet

Project Name: Uvalde County Various Flood Warning Systems

FME ID: 131000224

Project Sponsor: Uvalde County

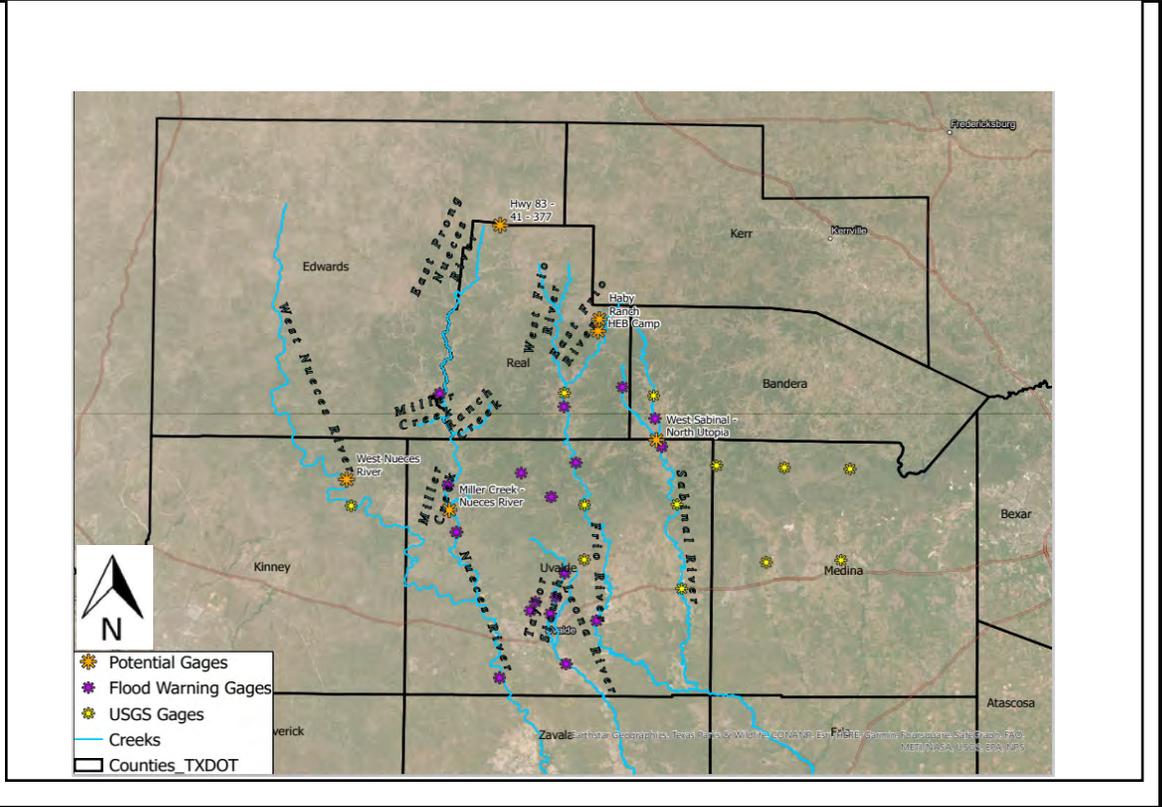
Project Source: Uvalde County Drainage Issues 2022

Study Type: Project Planning

Related Goals: Flood Warning Systems

**Project Cost:
(2020 Prices)** \$250,000

Project Description:
Project to develop flood warning systems across Uvalde county (more gages, flashing signs, street lighting, etc). Potential gage locations include: (1) West Prong of Nueces River (Edwards County to Kinney County); (2) Nueces River (river is unpredictable); (3) West Sabinal River - North Utopia; (4) Miller Creek to Nueces River; (5) Hwy 83 to 377 to 41; (6) Northern part of Real County (HEB camp and Haby Ranch). Project cost was developed using FME cost spreadsheet (found in Appendix C8 - Supporting Costing Material for Flood Mitigation Actions) for a countywide project.





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Project Name: Seven Bluff Low Water Crossing - Frio River

FME ID: 131000225

Project Sponsor: Uvalde County

Project Source: Uvalde County Drainage Issues 2022

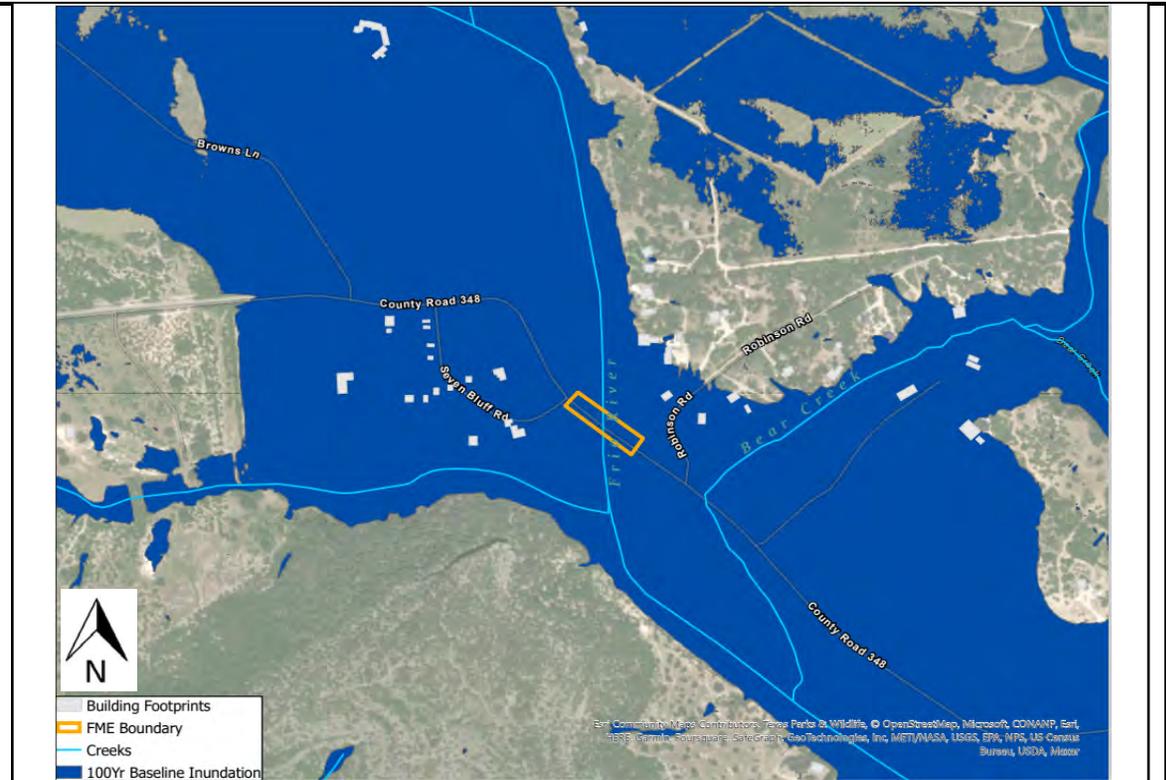
Study Type: Engineering Project Planning

Related Goals: Low Water Crossing

Project Cost: \$100,000
(2020 Prices)

Project Description:

Low water crossing on County Road 348 in Concan, Texas. This crossing is located on the Frio River and provides access to the Frio River Cabana Park. The existing road is consistently overtopped and used as a recreational area for swimming and tubing. The 100 year event overtops the road by 39 feet. Additional involvement from the City of Concan and Uvalde County is needed to assess potential solutions. Project cost was developed using FME cost spreadsheet (found in Appendix C8 - Supporting Costing Material for Flood Mitigation Actions) for a localized project.





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Project Name: CR348 Low Water Crossing on Bear Creek

FME ID: 131000226

Project Sponsor: Uvalde County

Project Source: Uvalde County Drainage Issues 2022

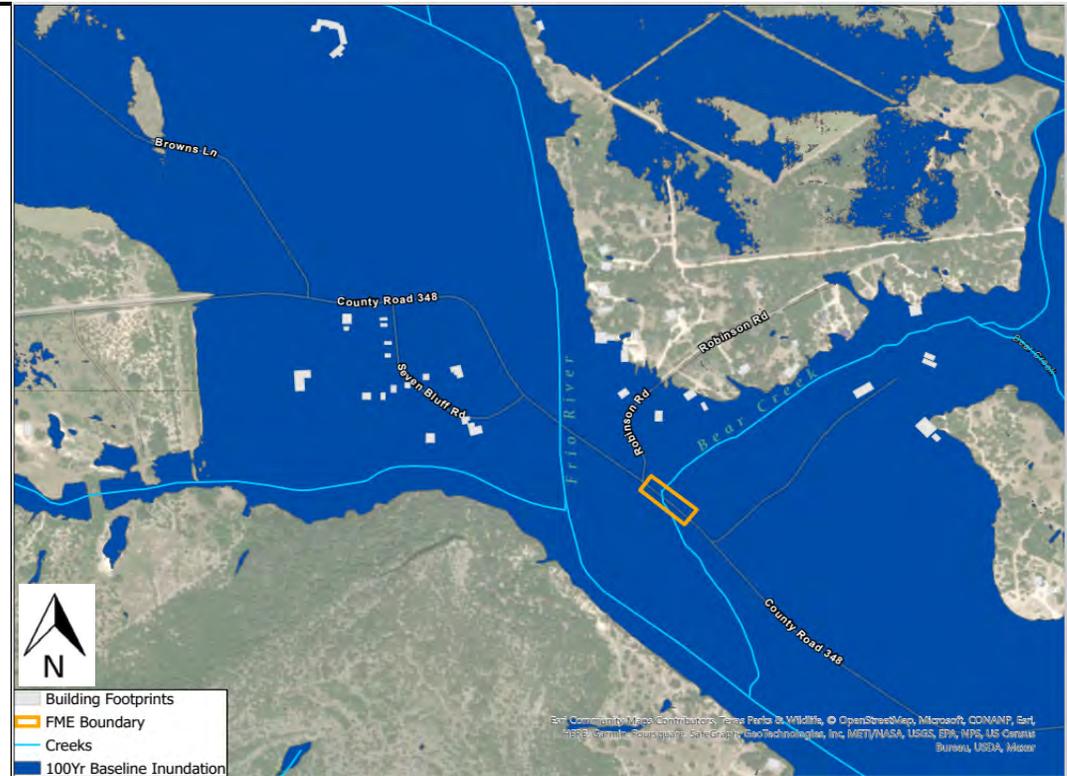
Study Type: Engineering Project Planning

Related Goals: Low Water Crossing

Project Cost: \$100,000
(2020 Prices)

Project Description:

Low water crossing on County Road 348 in Concan, Texas. This crossing is located on Bear Creek near the confluence to the Frio River and provides access to the Frio River Cabana Park. The existing culvert has five 2-foot corrugated metal pipes. The 100 year event overtops the road by 26 feet. Additional involvement from the City of Concan and Uvalde County is needed to assess potential solutions. Project cost was developed using FME cost spreadsheet (found in Appendix C8 - Supporting Costing Material for Flood Mitigation Actions) for a localized project.





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Project Name: Kenneth Arthur Low Water Crossing - Frio River

FME ID: 131000227

Project Sponsor: Uvalde County

Project Source: Uvalde County Drainage Issues 2022

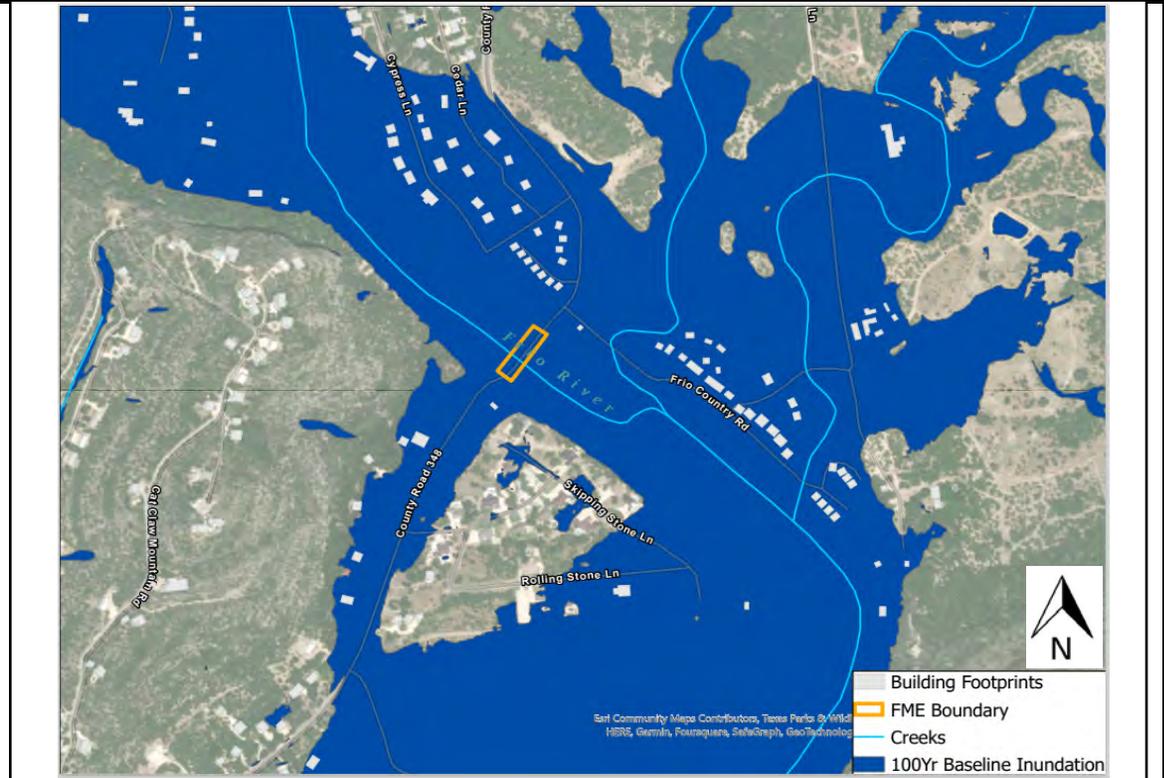
Study Type: Engineering Project Planning

Related Goals: Low Water Crossing

Project Cost: \$100,000
(2020 Prices)

Project Description:

Low water crossing on County Road 348 in Concan, Texas. This crossing is located on the Frio River. The existing bridge overtops by 37 feet during the 100 year event. Additional involvement from the City of Concan and Uvalde County is needed to assess potential solutions. Project cost was developed using FME cost spreadsheet (found in Appendix C8 - Supporting Costing Material for Flood Mitigation Actions) for a localized project.





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Project Name: Avant Low Water Crossing - Tributary to Frio River

FME ID: 131000228

Project Sponsor: Uvalde County

Project Source: Uvalde County Drainage Issues 2022

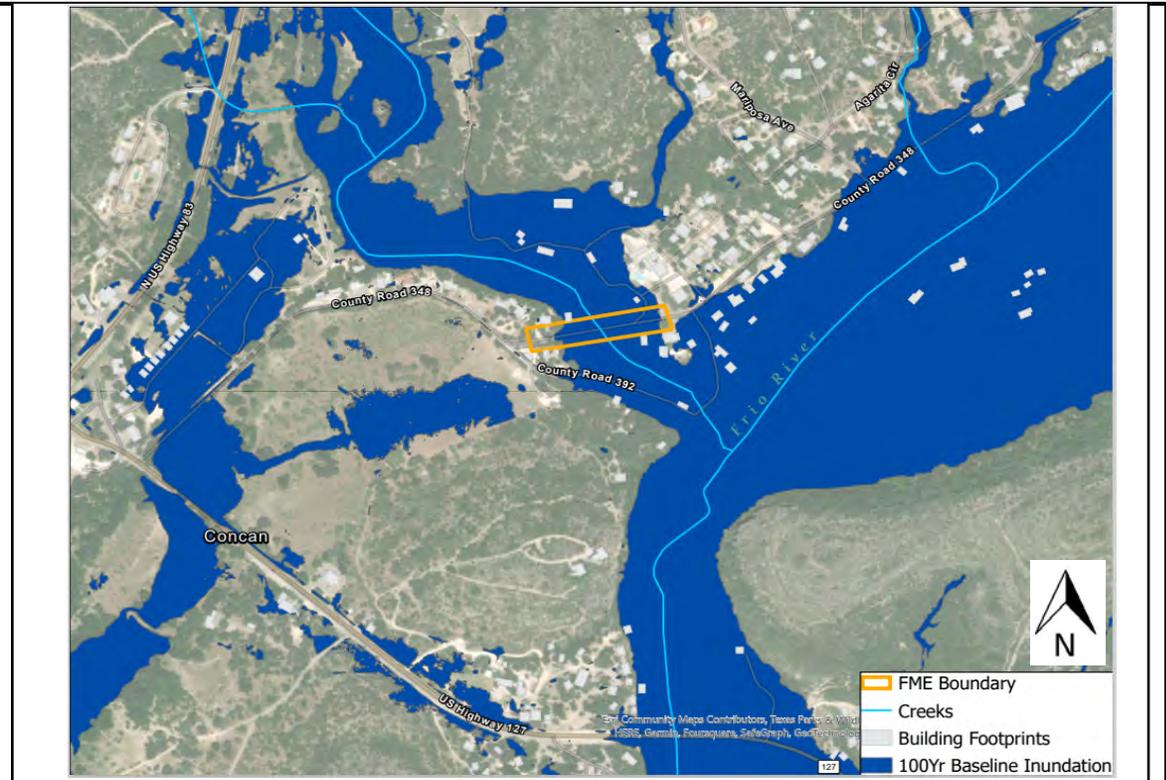
Study Type: Engineering Project Planning

Related Goals: Low Water Crossing

Project Cost: \$100,000
(2020 Prices)

Project Description:

Low water crossing on County Road 348 in Concan, Texas. This crossing is located at an unnamed tributary to the Frio River. The existing culvert has two 2-foot concrete pipes. The 100 year event overtops the road by 18 feet. Additional involvement from the City of Concan and Uvalde County is needed to assess potential solutions. Project cost was developed using FME cost spreadsheet (found in Appendix C8 - Supporting Costing Material for Flood Mitigation Actions) for a localized project.





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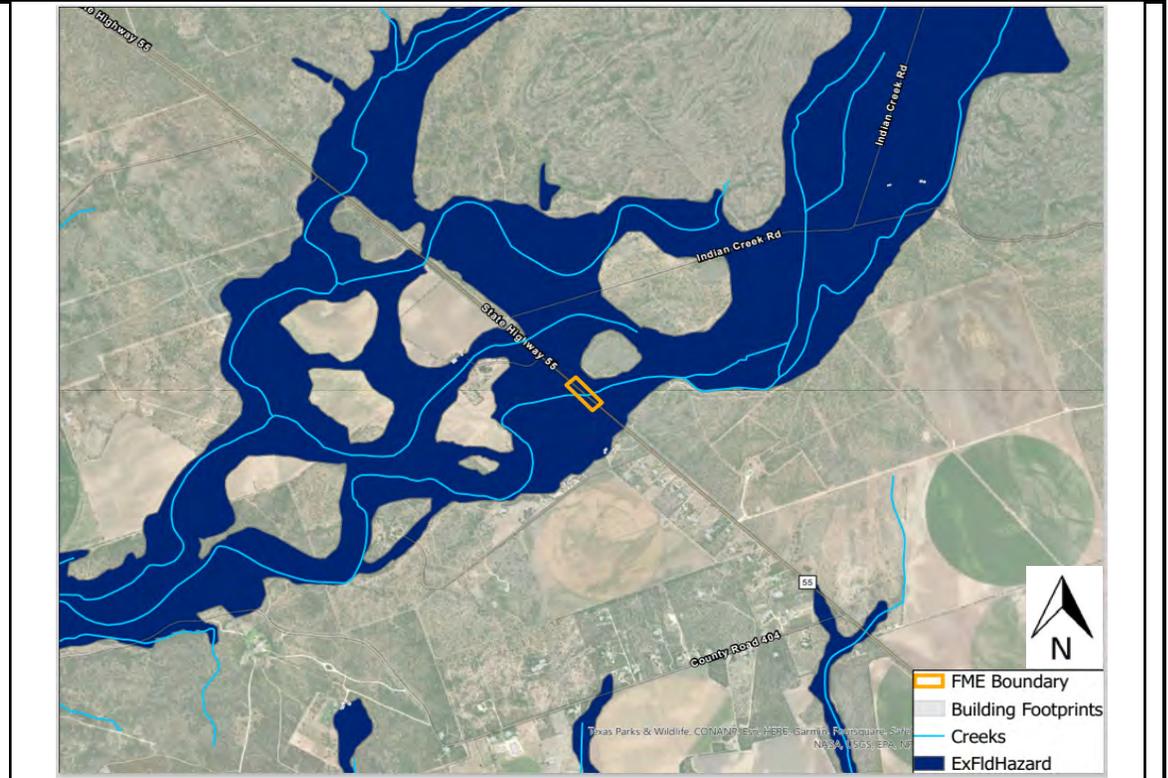
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Project Name: Indian Creek Low Water Crossing
FME ID: 131000229
Project Sponsor: Uvalde County
Project Source: Uvalde County Drainage Issues 2022
Study Type: Engineering Project Planning
Related Goals: Low Water Crossing
Project Cost: \$100,000
(2020 Prices)

Project Description:

Low water crossing on Hwy 55 northwest of Uvalde. Existing culvert is six 2-foot diameter corrugated metal pipes. Additional involvement from the City of Uvalde and Uvalde County is needed to assess potential solutions. Project cost was developed using FME cost spreadsheet (found in Appendix C8 - Supporting Costing Material for Flood Mitigation Actions) for a localized project.





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Project Name: CR 4656 / Vine Lp - Drainage Improvements
FME ID: 131000230
Project Sponsor: Frio County
Project Source: Frio County Road & Bridge Department
Study Type: Engineering Project Planning
Related Goals: Structural Inundations
Project Cost: \$479,500
(Full Cost Estimate - FMP)

*Cost estimate by Poznecki Camarillo

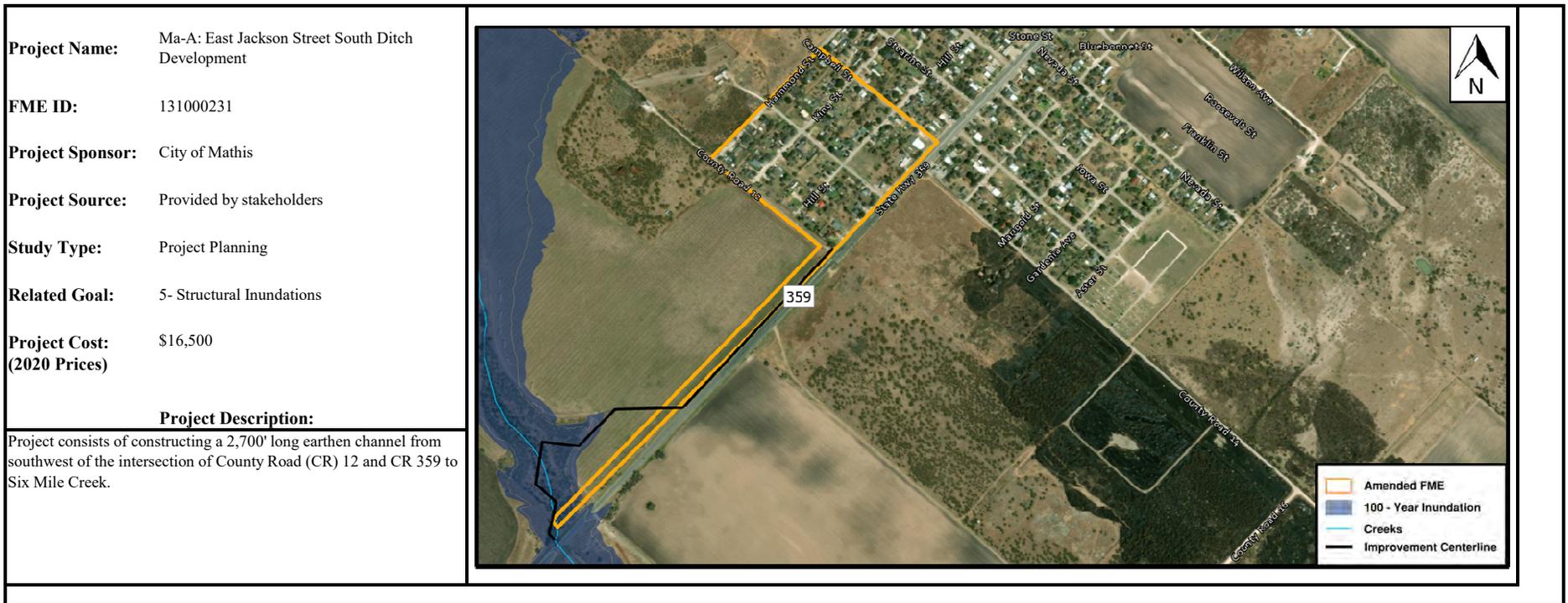
Project Description:

Project to make drainage improvements on County Road 4656 (new road: Vine Loop) in Dilley, Texas. Drainage study is underway by Poznecki Camarillo. Right-of-Entry and survey still need to be obtained.





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<p>Project Name: Ma-B: Replace Existing Culvert at Six Mile Creek crossing of CR 359</p> <p>FME ID: 131000232</p> <p>Project Sponsor: City of Mathis</p> <p>Project Source: Provided by stakeholders</p> <p>Study Type: Project Planning</p> <p>Related Goal: 5- Structural Inundations</p> <p>Project Cost: (2020 Prices) \$71,250</p> <p>Project Description: Project consists of replacing existing culvert with 125' of dual 4' X 8' RCB.</p>	
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<p>Project Name: Ma-D: New Pipe at Huerta Street</p> <p>FME ID: 131000234</p> <p>Project Sponsor: City of Mathis</p> <p>Project Source: Provided by stakeholders</p> <p>Study Type: Project Planning</p> <p>Related Goal: 5- Structural Inundations</p> <p>Project Cost: \$10,200 (2020 Prices)</p> <p>Project Description:</p>	<p>Project consists of installing 70' of 2' RCP beneath Huerta Street between its intersections with Blackburn St and Flores St.</p>
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