

**LEGEND**

**NWS Historical Data**

- ▲ Fatality Location
- ▲ Injury Location
- ▲ Property Loss Location
- Flood Prone Areas
- Public Comments

**Background Data**

- Low Water Crossings (TWDB)
- Major Rivers
- Minor Roads
- Major Highways

**Existing Flood Hazard**

- Conservation Easements\*
- Cities
- Counties
- Region 13 Boundary
- 100 year
- 500 year
- Reported Flood Prone Area of Unknown Frequency

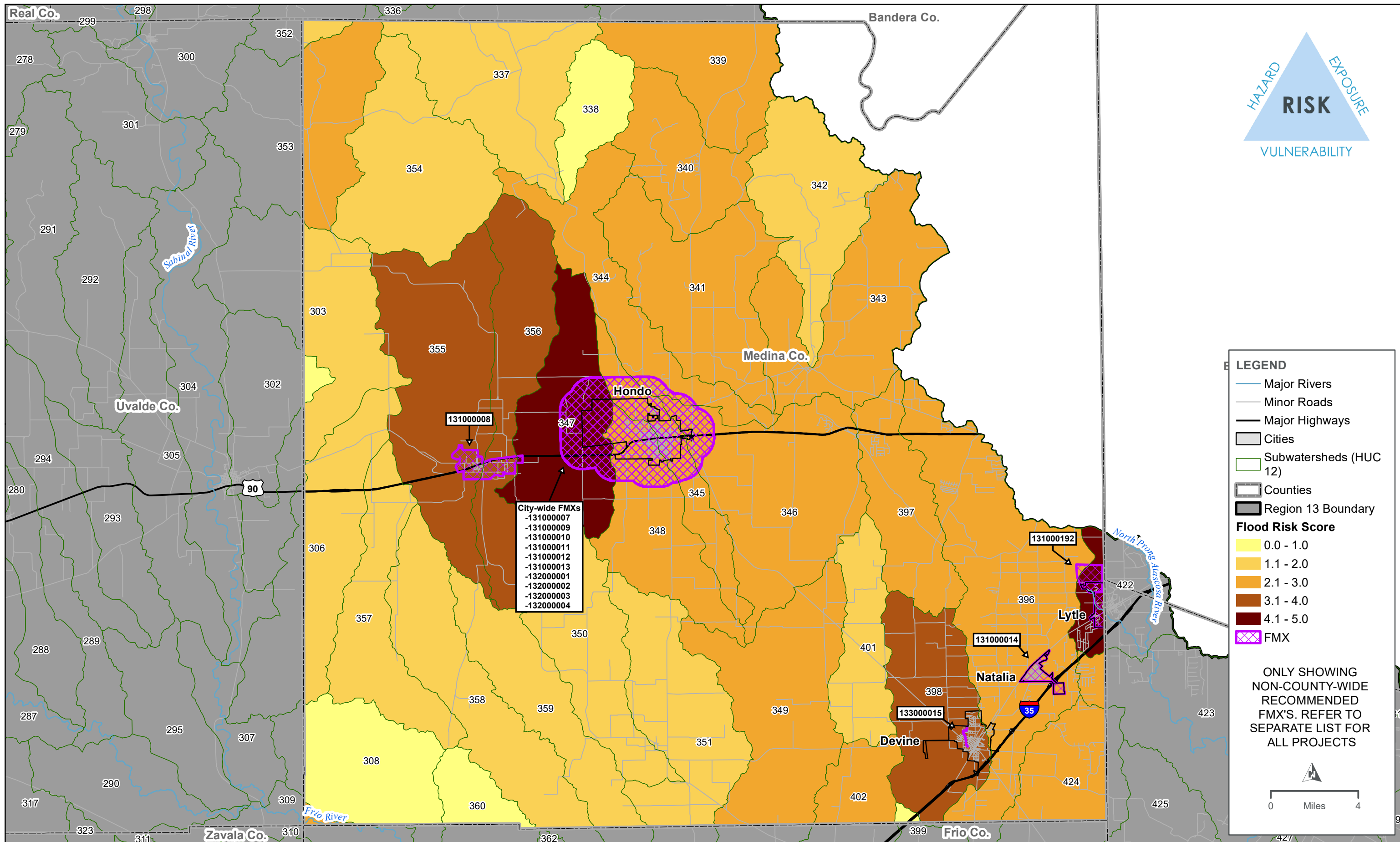
\*SOURCE OF CONSERVATION EASEMENTS: TNC, TALT, NRCS, NCED, HILL COUNTRY ALLIANCE, EDWARDS AQUIFER PROTECTION PROGRAM AND OTHERS

0 Miles 4

**REGION 13 - EXISTING FLOOD HAZARD - MEDINA COUNTY**

MAP 23Q1

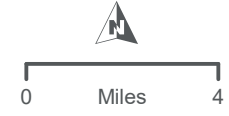




- LEGEND**
- Major Rivers
  - Minor Roads
  - Major Highways
  - ▭ Cities
  - ▭ Subwatersheds (HUC 12)
  - ▭ Counties
  - ▭ Region 13 Boundary
- Flood Risk Score**
- 0.0 - 1.0
  - 1.1 - 2.0
  - 2.1 - 3.0
  - 3.1 - 4.0
  - 4.1 - 5.0
  - ▨ FMX

**City-wide FMXs**  
 -131000007  
 -131000009  
 -131000010  
 -131000011  
 -131000012  
 -131000013  
 -132000001  
 -132000002  
 -132000003  
 -132000004

ONLY SHOWING  
 NON-COUNTY-WIDE  
 RECOMMENDED  
 FMX'S. REFER TO  
 SEPARATE LIST FOR  
 ALL PROJECTS



REGION 13 - HIGHEST FLOOD RISK WITH RECOMMENDED FMX'S - MEDINA COUNTY



Identified List of Flood Mitigation Actions (FMX)s,  
for Medina County

| Type (FMX) | ID                   | Name   | Description   | Estimated Study Cost  | Sponsor           | RFPG Goal ID | Counties          | 2024 Amended RFP Action         | 2024 Amendment #2 | 2028 RFP Action |
|------------|----------------------|--|---|-----------------------|-------------------|--------------|-------------------|---------------------------------|-------------------|-----------------|
| FME        | 131000007            | City of Hondo Drainage Master Plan and Flood Mitigation plan | City of Hondo Drainage Master Plan and Flood Mitigation plan  | \$ 250,000            | Hondo             | 5            | Medina            | -                               |                   |                 |
| FME        | 131000008            | D'Hanis Flood Study  | D'Hanis Flood Study needed from Leakey road show on 3/21/2022   | \$ 250,000            | Medina County     | 4            | Medina            | -                               |                   |                 |
| FME        | 131000009            | Comprehensive Plan Update                                    | Creation of Future Land Use Plan, Thoroughfare Plan, Site Plans for Planned Development, Parks Planning, Implementation   | \$ 200,000            | Hondo             | 6            | Medina            | -                               |                   |                 |
| FME        | 131000010            | Flood mapping updates and hydrologic and hydraulic modeling  | Scope would likely include updating the Hydrology and Hydraulic modeling for approximately 5 miles of study stream for the Hondo area. The goal would be to then use this data to apply to FEMA to update the flood mapping within the City and immediate area. | \$ 523,000            | Hondo             | 4            | Medina            | -                               |                   |                 |
| FME        | 131000011            | Drainage and Stormwater Master Plan                          | Restudy of the City's floodplain and creation of a holistic plan for the City's drainage and stormwater system. This data would then be used as a foundation to update the City's Subdivision Ordinance and Building Codes to mitigate future flood risks.      | \$ 250,000            | Hondo             | 5            | Medina            | -                               |                   |                 |
| FME        | 131000012            | Emergency Management Plan and Flood Hazard Mitigation Plan   | Creation of a plan for disaster preparedness to decrease repetitive losses, financial hardship and loss of life.  | \$ 300,000            | Hondo             | 5            | Medina            | -                               |                   |                 |
| FME        | 131000013            | Feasibility Study for Regional detention                     | Create a feasibility study for Regional Detention areas to be incorporated into comprehensive drainage planning projects.   | \$ 250,000            | Hondo             | 5            | Medina            | -                               |                   |                 |
| FME        | 131000014            | City of Natalia Floodplain Study                             | City wide flood study to evaluate floodplain.   | \$ 48,000             | Natalia           | 4            | Medina            | -                               |                   |                 |
| FME        | <del>131000064</del> | <del>Burnt Boot Creek Drainage Improvement Project</del>     | <del>Two phase project to improve drainage at Burnt Boot Creek in Devine, TX.</del>   | <del>\$ 506,000</del> | <del>Devine</del> | <del>5</del> | <del>Medina</del> | FME advanced to FMP and removed |                   |                 |
| FME        | 131000192            | Lake Shore Estates Master Drainage Plan                      | City anticipates tripling homes in their jurisdiction in the next 5-10yrs. Project to develop a drainage master plan for the Lake Shore Estates and implement the structural and non-structural solutions to mitigate flooding.                                 | \$ 250,000            | Lytle             | 5,6          | Medina            | New FME                         |                   |                 |

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for Medina County

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|------------|-----------|---|---|----------------------|---------|--------------|----------|-------------------------|-------------------|--|
| FMS        | 132000001 | Education and Outreach  | Create a public outreach program to educate the community on the benefits of building code enforcement and flood hazard mitigation strategies. Also, coordinate regionally regarding flood early warning systems currently implemented in our region. | \$ 375,000           | Hondo   | 8B           | Medina   | -                       |                   |  |
| FMS        | 132000002 | Review and Adoption of Updated Building Codes                             | Review and Adoption of Updated Building Codes   | \$ 100,000           | Hondo   | 6            | Medina   | -                       |                   |  |
| FMS        | 132000003 | Subdivision Ordinance Revision  | Create new Subdivision Ordinance and development standards to ensure the city is proactive in our regulatory practices and to ensure that the standards align with flood hazard mitigation strategies.  | \$ 100,000           | Hondo   | 6            | Medina   | -                       |                   |  |
| FMS        | 132000004 | Update City's Flood Hazard Mitigation Ordinance                           | Update the City's Flood Hazard Mitigation Ordinance to ensure proper regulation of NFIP requirements and to implement higher standards of floodplain management.  | \$ 100,000           | Hondo   | 6            | Medina   | -                       |                   |  |
| FMP        | 133000015 | Burnt Boot Creek Drainage Improvements from Route 132 to Colonial Parkway | Two-phase project to improve drainage at Burnt Boot Creek in Devine, TX, including detention ponds and/or channel upsizing.   | \$ 12,635,000        | Devine  | 5            | Medina   | New FMP                 |                   | Nueces River Authority supported the City in submitting an abridged FIF application in April 2024. |

| # of Identified FMXs |          |                  |                   |                     |                           |
|----------------------|----------|------------------|-------------------|---------------------|---------------------------|
| FMX                  | 2023 RFP | 2024 Amended RFP | 2024 Amendment #2 | 2028 RFP Identified | 2028 RFP Total Identified |
| FME                  | 9        | 9                | 9                 | 0                   | 9                         |
| FMS                  | 4        | 4                | 4                 | 0                   | 4                         |
| FMP                  | 0        | 1                | 1                 | 0                   | 1                         |
|                      | 13       | 14               | 14                | 0                   | 14                        |

Other FMXs that list county in project/study area but are sponsored by an entity outside the county (refer to Appendix A, Tables 15-17 for more information)

| FMX | ID        | Name  | Sponsor                |
|-----|-----------|---|------------------------|
| FME | 131000028 | Atascosa McMullen Hazard Mitigation Plan - City of Lytle Action #11                         | Lytle                  |
| FME | 131000029 | Atascosa McMullen Hazard Mitigation Plan - City of Lytle Action #4                          | Lytle                  |
| FME | 131000174 | Nueces Basin Early Flood Warning System   | Nueces River Authority |
| FME | 131000175 | Nueces Basin Low Water Crossing Study and Upgrade Prioritization                            | Nueces River Authority |
| FME | 131000176 | Nueces Basin High Hazard Dam Identification and Risk Assessment                             | Nueces River Authority |
| FME | 131000177 | Nueces Basin Floodplain Map Updates   | Nueces River Authority |
| FME | 131000178 | Nueces Basin Assessment of Flood Mitigation and Performance of Nature-based Solutions (NBS) | Nueces River Authority |
| FME | 131000179 | Scaling Up Nature-based Solutions (NBS) in the Nueces Flood Planning Region                 | Nueces River Authority |
| FMS | 132000050 | Nueces Basin Minimum Flood Management Standards   | Nueces River Authority |
| FMS | 132000051 | Nueces Basin Flood Public Information Campaign  | Nueces River Authority |