

## Section 1

### General Description of the Project

Flood Mitigation Assistance FY2024

**Diamondhead**

**FMA FY2024 Capability and Capacity Building Grant Proposal  
Coon Branch LFRR Scoping Project**

#### Applicant Information

|                               |                                                                       |
|-------------------------------|-----------------------------------------------------------------------|
| Applicant Organization:       | City of Diamondhead, Mississippi                                      |
| Mailing Address:              | 5000 Diamondhead Circle, Diamondhead, MS 39525                        |
| Primary Contact Name & Title: | Jon McCraw, City Manager<br>228-222-5120 . jmccraw@diamondhead.ms.gov |
| Project Name:                 | City of Diamondhead Coon Branch LFRR Scoping Project                  |

## Description

The City of Diamondhead proposes to undertake a Localized Flood Risk Reduction (LFRR) Scoping Project to advance the development of drainage improvements within the Coon Branch drainage corridor. The project area experiences recurring flooding due to limited stormwater conveyance capacity and drainage deficiencies that affect surrounding residential neighborhoods, public roadways, municipal infrastructure, and NFIP-insured properties.

The proposed scoping effort will focus on approximately 5,500 linear feet of the Coon Branch drainage channel and the interconnected drainage system that contributes runoff to the corridor. Building upon the City's preliminary concept, the project will evaluate existing hydraulic conditions, verify drainage deficiencies, identify flood-prone structures, and develop the engineering and technical documentation necessary to refine and support implementation of the proposed drainage channel improvements.

The scope of the scoping project will include collection and evaluation of existing data, field verification, hydrologic and hydraulic analyses, assessment of existing drainage infrastructure, evaluation of mitigation alternatives, conceptual engineering, planning-level cost estimating, environmental and permitting considerations, and identification of Repetitive Loss (RL), Severe Repetitive Loss (SRL), and other NFIP-insured properties expected to benefit from the proposed improvements.

Upon completion, the City will possess a comprehensive, FEMA-ready project

## **Section 2** **Flood Mitigation Impacts & Community Benefits**

## Cost Estimate

| <u>Task</u>                                              | <u>Description</u>                                                                 | <u>Cost</u>      |
|----------------------------------------------------------|------------------------------------------------------------------------------------|------------------|
| Existing Conditions Assessment & Data Collection         | Review of Existing Studies, Mapping, GIS Data to establish baseline                | \$18,000         |
| RL/SRL Inventory Development & NFIP Analysis             | Identify and Evaluate RL, SRL, NFIP- Insured Properties                            | \$25,000         |
| Surveying & GIS Mapping                                  | Document existing infrastructure to support engineering analyses                   | \$35,000         |
| Hydrologic & Hydraulic Modeling                          | Evaluate existing drainage system performance                                      | \$60,000         |
| Mitigation Alternatives Analysis                         | Evaluate LFRR alternatives to identify preferred strategy                          | \$35,000         |
| Preliminary Engineering & Planning-Level Cost Estimating | Engineering Layouts and cost estimates to support future project implementation    | \$30,000         |
| BCA Support, Environmental Review & Future Grant Dev.    | Develop supporting documentation for future BCA                                    | \$25,000         |
| Final Scoping Report & Implementation Roadmap            | Final Scoping Report documenting findings                                          | \$12,625         |
| Grant Management (SRMC)                                  | Grant Administration, Financial Mgmt, Reporting, Documentation, and Grant Closeout | \$9,375          |
| <b>TOTAL SCOPING PROJECT REQUEST</b>                     |                                                                                    | <b>\$250,000</b> |
| <b>Federal Share (75%)</b>                               |                                                                                    | <b>\$187,500</b> |
| <b>Non-Federal Share(25%)</b>                            |                                                                                    | <b>\$62,500</b>  |

## Section 3

### Scope of Work and Cost Estimate

#### Scope of Work Cont'd...

##### **Task 7 – BCA Support, Environmental Review & Future FEMA Implementation Grant Development**

Supporting documentation will be developed to facilitate future FEMA implementation funding. Activities will include compiling information necessary for future Benefit-Cost Analysis (BCA) development, identifying Environmental and Historic Preservation (EHP) considerations, evaluating permitting requirements, and assembling technical documentation to support a future FEMA implementation grant application.

##### **Task 8 – Final Scoping Report & Implementation Roadmap**

A comprehensive Final Scoping Report will be prepared documenting project findings, engineering analyses, evaluated alternatives, conceptual engineering, planning-level cost estimates, and implementation recommendations. The report will provide the City with a FEMA-ready roadmap for advancing the recommended mitigation project toward final design and future implementation funding.

#### Deliverables

1. Project Management Plan and Coordination Documentation
2. Existing Conditions Assessment Report
3. Field Investigation and Data Collection Summary
4. Hydrologic and Hydraulic (H&H) Analysis
5. Flood Risk Assessment, including identification of Repetitive Loss (RL), Severe Repetitive Loss (SRL), and other NFIP-insured properties
6. Drainage Deficiency Evaluation
7. Mitigation Alternative Analysis
8. Recommended Localized Flood Risk Reduction (LFRR) Strategy
9. Conceptual Engineering Plans and Preliminary Project Layouts
10. Planning-Level Opinion of Probable Construction Cost
11. Environmental and Regulatory Review Summary
12. Implementation Strategy and Future Project Development Roadmap
13. Comprehensive Final Scoping Report

to support a future Localized Flood Risk Reduction

## Section 3

### Scope of Work and Cost Estimate

## Section 3

### Scope of Work and Cost Estimate

#### Scope of Work

The City of Diamondhead proposes to complete a Localized Flood Risk Reduction (LFRR) Scoping Project for the Coon Branch drainage corridor. The project will evaluate existing flooding conditions, identify technically feasible mitigation alternatives, and develop the planning and engineering documentation necessary to support a future FEMA implementation project.

##### **Task 1 – Existing Conditions Assessment & Data Collection**

The project team will compile and review existing drainage studies, mapping, topographic information, GIS data, available survey information, flood history, and drainage infrastructure information. Conduct field reconnaissance to document existing channel conditions, drainage structures, and areas experiencing recurring flooding.

##### **Task 2 – Repetitive Loss(RL), Severe Repetitive Loss (SRL) Inventory Development and NFIP Analysis**

The project team will identify and evaluate Repetitive Loss (RL), Severe Repetitive Loss (SRL), and other NFIP-insured properties located within or adjacent to the project area. This analysis will be used to evaluate existing flood risk and support the development and prioritization of future mitigation alternatives.

##### **Task 3 – Surveying & GIS Mapping**

Surveying and GIS mapping activities will be completed to develop accurate existing conditions mapping of the project area. Survey information will be used to verify drainage infrastructure, define channel geometry, document existing drainage features, and support engineering analyses and project development.

##### **Task 4 – Hydrologic & Hydraulic Analysis**

Perform hydrologic and hydraulic analyses to evaluate existing stormwater conveyance conditions and quantify drainage system performance during various rainfall events. The analyses will identify capacity limitations and provide the technical basis for evaluating mitigation alternatives.

##### **Task 5 – Mitigation Alternatives Analysis**

Develop and evaluate feasible localized flood risk reduction alternatives for the Coon Branch drainage corridor. Alternatives may include drainage channel improvements, stormwater conveyance enhancements, culvert improvements, channel stabilization measures, or other flood mitigation strategies. Alternatives will be evaluated based on effectiveness, constructability, environmental considerations, and planning-level costs.

##### **Task 6 – Preliminary Engineering & Planning-Level Cost Estimating**

Conceptual engineering documents will be prepared for the preferred mitigation alternative, including preliminary layouts, planning-level quantities, and an opinion of probable construction cost. This task will further refine the proposed Coon Branch Drainage Channel Improvements project and support future implementation planning.

## **Flood Risk Being Addressed**

The proposed scoping project focuses on evaluating the recurring flood risk within the Coon Branch drainage corridor, where inadequate stormwater conveyance contributes to roadway flooding, localized ponding, and increased flood risk to residential neighborhoods, public infrastructure, and NFIP-insured properties during moderate to severe rainfall events.

## **Populations Benefitted**

The proposed scoping project will benefit residents, property owners, businesses, and the traveling public located within and adjacent to the Coon Branch drainage corridor in the City of Diamondhead. The project area includes established residential neighborhoods served by the Coon Branch drainage system that experience recurring localized flooding during moderate to severe rainfall events.

## **Historical Flooding Issues**

The Coon Branch drainage corridor has experienced recurring localized flooding for many years due to drainage deficiencies and limited stormwater conveyance capacity. During moderate to severe rainfall events, runoff exceeds the capacity of portions of the existing drainage system, resulting in roadway flooding, stormwater ponding, and impacts to adjacent residential areas and public infrastructure.

The City of Diamondhead has identified recurring flooding along and near Kahana Street, Muolea Court, Ana Hula Street, Koloa Street, Ala Moana, Polo Court, Anahola, Hana Street, Kapalama Drive, and other locations served by the Coon Branch drainage system. These recurring flooding conditions have demonstrated the need for a comprehensive evaluation of the drainage corridor to identify hydraulic constraints and develop sustainable flood mitigation solutions.



228.222.4626 

228.222.4390 

5000 Diamondhead Circle · Diamondhead, MS 39525-3260 

[www.diamondhead.ms.gov](http://www.diamondhead.ms.gov) 

Mississippi Emergency Management Agency (MEMA)  
C/o Jana Henderson  
Director of Mitigation  
P.O. Box 5644  
Pearl, MS 39288

**RE: Funding Commitment – FY2024 FMA Capability and Capacity Building (C&CB) Localized Flood Risk Reduction (LFRR) Scoping Project**

Dear Ms. Henderson,

The City of Diamondhead respectfully submits this letter to confirm its commitment to provide the required non-federal cost share in support of its Fiscal Year 2024 Flood Mitigation Assistance (FMA) Capability and Capacity Building (C&CB) Localized Flood Risk Reduction (LFRR) Scoping Project application focused on the Coon Branch drainage corridor.

The proposed project has a total estimated cost of \$250,000.00, consisting of a Federal Share of \$187,500.00 (75%) and a required Non-Federal Share of \$62,500.00 (25%).

The City of Diamondhead hereby commits to providing the required \$62,500.00 non-federal cost share necessary to complete the proposed project. The required match will be provided through eligible local funding sources and will be made available upon project award in accordance with all applicable FEMA, MEMA, and federal grant requirements.

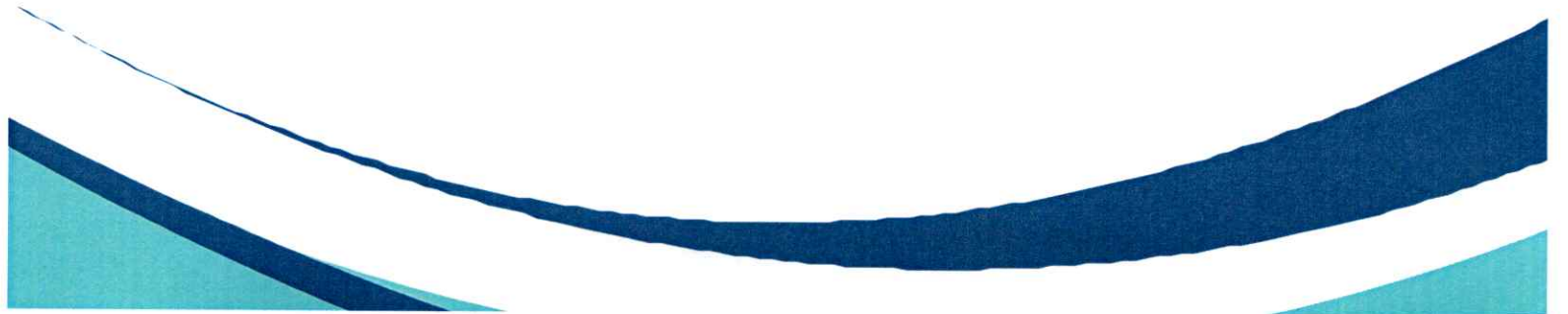
The City further commits to administering and completing the project in compliance with all applicable federal regulations, grant conditions, procurement requirements, and program guidance. The City understands its responsibilities as the Subapplicant and is committed to successfully completing the proposed scoping project within the approved Period of Performance.

If awarded, the City will work closely with the Mississippi Emergency Management Agency (MEMA), FEMA, and its qualified engineering and grant management consultants to complete the project and develop an implementation-ready localized flood risk reduction strategy for the Coon Branch drainage corridor.

Should you have any questions or require additional information, please contact me at your convenience.

Sincerely,

**Jon McCraw**  
City Manager, Diamondhead  
[jmccraw@diamondhead.ms.gov](mailto:jmccraw@diamondhead.ms.gov)



### Application for Federal Assistance SF-424

**\* 1. Type of Submission:**

- ☐ Preapplication  
☒ Application  
☐ Changed/Corrected Application

**\* 2. Type of Application:**

- ☒ New  
☐ Continuation  
☐ Revision

\* If Revision, select appropriate letter(s):

\* Other (Specify):

\* 3. Date Received:

07/10/2026

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

**State Use Only:**

6. Date Received by State:

7. State Application Identifier:

**8. APPLICANT INFORMATION:**

\* a. Legal Name:

City of Diamondhead

\* b. Employer/Taxpayer Identification Number (EIN/TIN):

45-4475966

\* c. Organizational DUNS:

**d. Address:**

\* Street1:

5000 Diamondhead Circle

Street2:

\* City:

Diamondhead

County/Parish:

\* State:

Mississippi

Province:

\* Country:

USA: UNITED STATES

\* Zip / Postal Code:

39525

**e. Organizational Unit:**

Department Name:

Division Name:

**f. Name and contact information of person to be contacted on matters involving this application:**

Prefix:

\* First Name:

Erica

Middle Name:

\* Last Name:

Bennett

Suffix:

Title:

Client Manager

Organizational Affiliation:

Rostan Solutions, LLC

\* Telephone Number:

225-316-2938

Fax Number:

\* Email:

Ebennett@rostan.com

**Application for Federal Assistance SF-424**

**\* 9. Type of Applicant 1: Select Applicant Type:**

City of Township Government

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

\* Other (specify):

**\* 10. Name of Federal Agency:**

Federal Emergency Management Agency (FEMA)

**11. Catalog of Federal Domestic Assistance Number:**

CFDA Title:

**\* 12. Funding Opportunity Number:**

DHS-24-MT-029-000-98

\* Title:

FY 2024 Flood Mitigation Assistance (FMA)

**13. Competition Identification Number:**

Title:

**14. Areas Affected by Project (Cities, Counties, States, etc.):**

Add Attachment

Delete Attachment

View Attachment

**\* 15. Descriptive Title of Applicant's Project:**

City of Diamondhead Coon Branch LFRR Scoping Project

Attach supporting documents as specified in agency instructions.

Add Attachments

Delete Attachments

View Attachments

**Application for Federal Assistance SF-424****16. Congressional Districts Of:**\* a. Applicant **MS-004**\* b. Program/Project **MS-004**

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment

Delete Attachment

View Attachment

**17. Proposed Project:**\* a. Start Date: **10/01/2027**\* b. End Date: **10/01/2029****18. Estimated Funding (\$):**

|                     |               |
|---------------------|---------------|
| * a. Federal        | \$ 187,500.00 |
| * b. Applicant      | \$ 62,500.00  |
| * c. State          |               |
| * d. Local          |               |
| * e. Other          |               |
| * f. Program Income |               |
| * g. TOTAL          | \$ 250,000.00 |

**\* 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

- ☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .
- ☒ b. Program is subject to E.O. 12372 but has not been selected by the State for review.
- ☐ c. Program is not covered by E.O. 12372.

**\* 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment

Delete Attachment

View Attachment

21. \*By signing this application, I certify (1) to the statements contained in the list of certifications\*\* and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances\*\* and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)

☒ \*\* I AGREE

\*\* The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

**Authorized Representative:**

|                                           |                                   |                |                      |
|-------------------------------------------|-----------------------------------|----------------|----------------------|
| Prefix:                                   | <input type="text"/>              | * First Name:  | <b>Jon</b>           |
| Middle Name:                              | <input type="text"/>              |                |                      |
| * Last Name:                              | <b>McCraw</b>                     |                |                      |
| Suffix:                                   | <input type="text"/>              |                |                      |
| * Title:                                  | <b>City Manager</b>               |                |                      |
| * Telephone Number:                       | <b>228-222-5120</b>               | Fax Number:    | <input type="text"/> |
| * Email:                                  | <b>jmccraw@diamondhead.ms.gov</b> |                |                      |
| * Signature of Authorized Representative: | <input type="text"/>              | * Date Signed: | <b>07/10/2026</b>    |

## ASSURANCES - NON-CONSTRUCTION PROGRAMS

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0040), Washington, DC 20503.

**PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.**

**NOTE:** Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
7. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
8. Will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.

9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333), regarding labor standards for federally-assisted construction subagreements.
10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).
14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. §§2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.
19. Will comply with the requirements of Section 106(g) of the Trafficking Victims Protection Act (TVPA) of 2000, as amended (22 U.S.C. 7104) which prohibits grant award recipients or a sub-recipient from (1) Engaging in severe forms of trafficking in persons during the period of time that the award is in effect (2) Procuring a commercial sex act during the period of time that the award is in effect or (3) Using forced labor in the performance of the award or subawards under the award.

|                                                                                                                                    |                              |
|------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL<br> | TITLE<br>City Manager        |
| APPLICANT ORGANIZATION<br>City of Diamondhead                                                                                      | DATE SUBMITTED<br>07/10/2026 |



## HMA FMA APPLICATION CERTIFICATION AND AUTHORIZATION

Hazard Mitigation Grant # To be Assigned (TBA)

Funding Opportunity # DHS-24-MT-029-000-98

Hazard Mitigation Assistance Title: Flood Mitigation Assistance (FMA)

The undersigned does hereby submit this FMA application for financial assistance and certifies that the applicant will fulfill all grant requirements. The undersigned also commits to provide the cash or in-kind match identified in our grant application.

\*Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Title: \_\_\_\_\_

\*Must be signed by Chief Executive Officer or by other official authorized to execute agreements on behalf of the applicant.

\_\_\_\_\_