

Memorandum

To: Programs, Projects and Operations Subcommittee

Re: P-MRNRD Regional Multi-Hazards Mitigation Plan - Grant Application to Nebraska Emergency Management Agency

Date: December 3, 2008

From: Amanda Grint, Water Resources Engineer

In September 2006, the District worked with the Nebraska Emergency Management Agency (NEMA), U.S. Army Corps of Engineers (USACE), Nebraska Department of Natural Resources (DNR) and local emergency management agencies to provide a Regional Multi-Hazards Mitigation Plan for the entire District. This plan benefits the District and local communities by providing a list of potential hazard mitigation alternatives, and also by increasing the potential of federal mitigation funding assistance for projects such as the District's Floodway Purchase Program. Federal funding through the Hazard Mitigation Grant Program (HMGP) is available to prepare and update Hazard Mitigation Plans

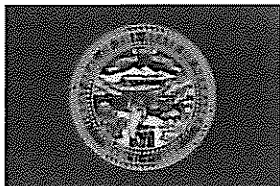
The Districts' current plan is required by the Federal Emergency Management Agency (FEMA) to be updated every five years. The new update can be done at any time but needs to be completed by September 2011. It is anticipated that the plan update will be a year to a year and a half process. A revised plan would not only meet our requirement to update within five years but would also:

- Put the plan in FEMA's newly established required format
- Establish flood damage estimates using HAZUS (FEMA depth/damage curves)
- Allow 10-15 priority projects for the District or local communities to have cost benefit ratios studied and compiled to make grant submittals timely and less costly
- Include communities not currently in the Districts plan. These communities are Decatur, Bellevue, Gretna, Dakota City, Boys Town, Winnebago, Walthill and School Districts. Also, Valley's all hazard mitigation plan will be incorporated.
- Add information for communities already in the plan where data gaps occurred.

The proposed planning grant in the amount of \$225,000, would be provided by NEMA to update and expand our current Multi Hazard Mitigation Plan. The estimated project cost is \$300,000 of which this grant would provide \$225,000 and District would be responsible for \$75,000. The proposed grant application is attached.

An engineering consultant will need to be retained to prepare the plan update. A timely approval of the grant application is anticipated, therefore, it is also recommended that the Chairman appoint an Ad-Hoc Hazard Mitigation Plan Consultant Selection Subcommittee at the December Board meeting. The District's FY09 Budget contains planning funds for this purpose.

Management recommends that the Subcommittee recommend to the Board that the General Manager be authorized to execute the proposed Planning Grant Application in the amount of \$225,000 for preparation of an updated Regional Multi-Hazards Mitigation Plan for the District, and that an Ad-Hoc Hazard Mitigation Plan Consultant Selection Subcommittee be appointed.



NEBRASKA EMERGENCY MANAGEMENT AGENCY Hazard Mitigation Grant Program (HMGP) Planning Application

What is the Hazard Mitigation Grant Program?

Authorized under Section 404 of the Stafford Act, the Hazard Mitigation Grant Program (HMGP) administered by the Federal Emergency Management Agency (FEMA) provides grants to States and local governments to implement long-term mitigation measures after a major disaster declaration. The purpose of the program is to reduce loss of life and property due to natural disasters and to enable mitigation measures to be implemented during the immediate recovery from a disaster.

How much funding is available?

HMGP can provide up to 15% percent which is calculated from the total amount of disaster assistance from both the Public Assistance (PA) and the Individual and Households Program (IHP). Once PA and IHP totals are estimated, FEMA determines the available HMGP funding. This funding can then be broken down into three types of project applications; 1) 7% Planning (does not have to demonstrate cost effectiveness, 2) 5% Initiative (does not have to demonstrate cost effectiveness) and 3) Regular (remaining percentage; must demonstrate cost-effectiveness). Examples of these project application types can be found within the administrative plan. All projects are cost shared at 75% federal funding and a 25% local match is required. This application falls under the 7% Planning application. In order to be eligible for the HMGP regular or 5% initiative projects (and other FEMA funded mitigation activities), you must have a FEMA-approved State and local mitigation plan.

Mitigation Plan Requirements:

The outcome of a mitigation planning subgrant award must be a FEMA approved hazard mitigation plan that complies with the requirements of 44 CFR Part 201. Hazard mitigation plans must be reviewed, adopted by the jurisdiction, and FEMA-approved before the end of the activity completion timeframe.

Mitigation Plan Resources:

FEMA has developed guidance materials to assist State and local officials in the development of mitigation plans, and to assist State and FEMA staff in review of mitigation plans. These materials are specifically linked to the requirements of 44 CFR Part 201. You may obtain these resources online by following the link below or by contacting the State Hazard Mitigation Officer. http://www.fema.gov/plan/mitplanning/planning_resources.shtm.

Completing the HMGP Application:

This application will enable you to compete in the state-wide competitive "post disaster" Hazard Mitigation Grant Program. This application is designed to capture the necessary information to meet program requirements. You're encouraged to take your time, read through the questions carefully and provide as much detail as possible. This will enable the process to be the most efficient.

You may obtain an electronic copy of the following application by contacting the State Hazard Mitigation Officer at (402) 471-7416 or by e-mail at jen.williams@nebraska.gov

NEBRASKA EMERGENCY MANAGEMENT AGENCY Hazard Mitigation Grant Program (HMGP) PLANNING APPLICATION

I. Applicant Information

Date: 11/10/2008 New Application Revised Application

A. Name of Applicant: Papio-Missouri River NRD

B. Multi-Hazard Local Mitigation Plan Type: Natural Resources District

C. Point of Contact:

Mr. Ms. Mrs. First Name: Amanda Last Name: Grint
 Title: Water Resources Engineer Organization: Papio-Missouri River NRD
 Street Address: 8901 S. 154th Street City: Omaha State: Nebraska Zip
 Code: 68138-3621
 Telephone: (402) 444 - 6222 Fax: (402) 895 - 6543 E-mail Address:
agrnt@papionrd.org

D. Alternate Point of Contact:

Mr. Ms. Mrs. First Name: Marlin Last Name: Petermann
 Title: Assistant General Manager Organization: Papio-Missouri River NRD
 Street Address: 8901 S. 154th Street City: Omaha State: Nebraska Zip
 Code: 68138-3621
 Telephone: (402) 444 - 6222 Fax: (402) 895 - 6543 E-mail Address:
mpetermann@papionrd.org

II. Estimated Funding (Cost Shares): Please fill in the percentages and the dollar amounts requested for funding your plan.

Federal 75%	Non-Federal %	Applicant 25 %	Other %	Total 100%
\$225,000.00	\$ _____	\$75,000.00	\$ _____	\$300,000.00

III. Community Profile Information:

Community Name:		Is FIRM OR FHBM available?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
County Name:		Community Participates in NFIP:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
FIPS Code:		Community Identification Number (CID):	
Federal Tax ID Number:		State Legislative District:	
DUNS Number:		US Congressional District:	

For multi-jurisdictional plans, the community profile information above is required for the applicant only.

Please list jurisdiction(s) to be covered by the plan for multi-jurisdictional plans, please separate jurisdictions with a semi-colon (example, Lancaster County; City of Lincoln): Decatur, Tekamah. Dakota County; South Sioux City, Jackson, Dakota City, Hubbard, Homer. Douglas County; Bennington, Waterloo, Omaha, Boys Town, Ralston. Sarpy County; La Vista, Papillion, Bellevue, Gretna, Springfield. Thurston County; Winnebago, Walthill. Washington County; Herman, Blair, Kennard, Fort Calhoun, Arlington, Washington. Within these communities the following school districts will be included: Tekamah-Herman Community Schools (Burt); Lyons-

Decatur Northeast Schools (Burt); Homer Community Schools (Dakota); South Sioux City Community Schools (Dakota); Douglas County West Community School (Douglas); Bennington Public Schools (Douglas); Millard Public Schools (Douglas); Omaha Public Schools (Douglas); Ralston Public Schools (Douglas); Westside Community Schools (Douglas); Bellevue Public Schools (Sarpy); Gretna Public Schools (Sarpy); Papillion-La Vista Public Schools (Sarpy); South Sarpy Dist 46 (Sarpy); Umo N Ho N Nation Public Schools (Thurston); Walthill Public Schools (Thurston); Winnebago Public Schools (Thurston); Arlington Public Schools (Washington); Blair Community Schools (Washington); Fort Calhoun Community Schools (Washington).

A special note for those multi-jurisdictional plans: when identifying the jurisdictions to be included in the proposed plan consideration should be given to school districts, rural water districts, and special districts, etc.

NOTE: Burt County has joined the Lower Elkhorn Natural Resources District Plan expected to be complete spring of 2009. Macy may be part of the Omaha Tribe Plan. The City of Valley already has an approved all-hazard mitigation plan.

IV. Scope of Work Narrative:

This planning application must describe the development of a hazard mitigation plan that complies with FEMA's regulatory requirements in 44 CFR Part 201. The scope of work should explain the objectives, methodology, feasibility, outcomes, timeline, milestones, resources, deliverables, and benefits of, as well as reasons for, the proposed planning activity.

A. Is this planning application an:

- Initial hazard mitigation plan
 Update to an existing hazard mitigation plan

Note: An existing FEMA-approved hazard mitigation plan must meet Local Plan Update Guidance and resubmitted for FEMA-approval within 5 years to be eligible for HMGP project grant funding.

- B. Provide a narrative to explain the plan development process (i.e. hazard identification and risk assessment to result in identified mitigation activities) meeting compliance with the regulatory requirements in 44 CFR Part 201. The narrative should also describe how the planning activity will benefit constituents, identify the staff and resources needed to develop the plan, and describe the applicant's ability to provide the resources: The plan development process will occur in five phases. Phase one will include organizing resources, obtaining public input and identification of key stakeholders. Phase two will include the first round of public meetings including risk assessment and analysis through identifying hazards, profiling hazard events, assessing vulnerability, inventorying assets, and estimating losses. Phase three will include the second round of public meetings, gathering information, field data collection and analysis. Phase four includes developing the mitigation plan. Phase five includes submitting the mitigation plan to NEMA and FEMA for review and approval and working with each participant to ensure they pass the resolution to make the plan their own. The plan development process will be completed through cooperation and effort from county emergency management, local governments, Nebraska Department of Natural Resources, Nebraska Emergency Management Agency, professional consulting services, and the public. The development and adoption of the hazard mitigation plan will educate the local communities and allow them to apply for project funding post disaster. The projects will help reduce or eliminate future risk to the people and property from natural disasters. A more general scope of services is included in Attachment 1.
- C. Describe what jurisdictions/areas (i.e. watershed boundaries) are to be covered by the plan including the population to be covered (geographical area(s)) by the plan: The map in Attachment 2 illustrates the location of the communities and counties within the Pappio-Missouri River NRD plan coverage area.
- D. Describe the staff and resources needed to implement this mitigation activity and the applicant's ability to provide these resources: The counties of Dakota, Douglas, Sarpy, Thurston, and Washington will provide the needed staff and resources to aid the consultant, NDNR, NEMA, and Pappio-Missouri River NRD and all other contributors in the development of the hazard mitigation plan.
- E. List additional comments or attachments provided in support of the proposed planning activity, as applicable:
- Attachment 1: General Scope of Services

Attachment 2: Papio-Missouri NRD Plan Coverage Area Map

Attachment 3: Estimated Project Schedule

Attachment 4: _____

Comments: _____

V. Budget:

In this section, provide the details of all costs of the plan. As administrative costs are calculated on a sliding scale, do not include these in the budget. **Do not include contingency costs in the budget.**

A. Materials

Item	Quantity	Unit of Measure	Cost per Unit	Total Cost
		Select...	\$	\$
		Select...	\$	\$
		Select...	\$	\$
		Select...	\$	\$
		Select...	\$	\$

B. Labor (Include equipment costs)

Description	Hours	Rate	Cost
		\$	\$
		\$	\$
		\$	\$
		\$	\$
		\$	\$

C. Fees Paid (Include any other costs associated with the plan)

Description of Task	Hours	Rate	Cost
Phase 1: Organization of Resources	340	\$92.21	\$31,350.00
Phase 2: Hazard Identification	1158	\$88.47	\$102,450.00
Phase 3: Mitigation Strategy	322	\$95.50	\$30,750.00
Phase 4: Mitigation Plan Development	1080	\$90.79	\$98,050.00
Phase 5: Mitigation Plan Submittal	420	\$89.05	\$37,400.00

Totals	
A. Materials	\$
B. Labor	\$
C. Fees Paid	\$300,000.00
Grand Total (Total Project Costs):	\$300,000.00

D. Provide a budget narrative for the proposed plan: Attachment 3

VI. Funding Sources (round figures to the nearest dollar) the maximum FEMA share for a HMGP project is 75%. The other 25% must be paid by the local sponsor. Note: You cannot match federal funds with federal funds; the only exception is Community Development Block Grant (CDBG) funding.

Funding Sources	Funding Amount	Percentage of Total Cost
Federal Share (Estimated FEMA Share)	\$225,000.00	75%
Non-Federal Share (See below for required details to document)	\$75,000.00	25%
TOTAL Proposed Planning Cost	\$300,000.00	100%

Non-Federal Share Information: (Use Source 1, additional source space is available if multiple sources are contributing to the proposed project (Source 2 and Source 3)).

Match Assurance: If more than one source is providing the non-federal share (and/or the source of the non-federal share is different than the applicant completing and signing this application) please provide letters from each source committing to their share(s) of the non-federal funding.

Description	Source 1	Source 2	Source 3	Comments (Specify Other Source)
1. Source Agency:	Local Agency Funding	Select...	Select...	
2. Source Name of Non-Federal Share	Papio-Missouri NRD			
3. Type of Non-Federal Share:	Cash	Select...	Select...	

A. Plan Work Schedule: List the major milestones and timeframes for this plan:
Example: Description: Conduct kick-off meeting to define the goals and objectives of the planning process. **Note:** Ensure the work schedule accommodates sufficient time for the State and FEMA reviews, possible revisions, and subsequent reviews prior to formal adoption for approval, and if applicable, multiple jurisdictions' coordination.

Milestone	Timeframe
	Enter Number of Days and Month(s)
1. Description: Attachment 3	_____ days _____ month(s)
2. Description: _____	_____ days _____ month(s)
3. Description: _____	_____ days _____ month(s)
4. Description: _____	_____ days _____ month(s)
5. Description: _____	_____ days _____ month(s)
6. Description: _____	_____ days _____ month(s)
7. Description: _____	_____ days _____ month(s)
8. Description: _____	_____ days _____ month(s)
9. Description: _____	_____ days _____ month(s)
10. Description: _____	_____ days _____ month(s)
11. Description: _____	_____ days _____ month(s)
12. Description: _____	_____ days _____ month(s)
13. Description: _____	_____ days _____ month(s)
14. Description: _____	_____ days _____ month(s)
15. Description: _____	_____ days _____ month(s)

VII. Certifications:

To the best of my knowledge and belief, all data in this application is true and correct. The governing body of the applicant has duly authorized this document, and hereby applies for assistance documented in this application. By signing this document you will act as the applicant's agent in the performance of this grant. Also, the applicant understands that no development of the plan may proceed until FEMA approval is granted.

John Winkler
Typed name of Authorized Representative/Applicant Agent

General Manager
Title

(402) 444 - 6222
Telephone Number

Signature of Authorized Representative/Applicant Agent

Date Signed

**** Is appropriate certification (a letter or resolution) included with your application that certifies matching funds will be available to fund the non-federal share of the proposed plan?**

**General Scope of Services
Multi-jurisdictional Hazard Mitigation Plan Update - 2010
Papio-Missouri River Natural Resources District**

November 6, 2008

PROJECT DESCRIPTION: The primary objective of this project is to update and revise a Multi-jurisdictional Hazard Mitigation Plan to include the general area of the Papio-Missouri River Natural Resources District (District) in compliance with FEMA's regulatory requirements in 44 CFR Part 201.

A Multi-jurisdictional Hazard Mitigation Plan is a community-guided document that identifies vulnerability to all natural hazards and establishes a mitigation strategy to reduce or eliminate potential damages prior to an occurrence. For a complete listing of eligible jurisdictions to be included in this planning effort refer to the sub-grant planning application submitted by the District.

Phase One: Organization of Resources

- Project Management
- Pre-project Public Involvement
- Identification of Key Stakeholders

Phase Two: Hazard Identification

- Public Meetings
- Gather and Compile Background Information
- Field Data Collection
- Data Analysis

Phase Three: Mitigation Strategy

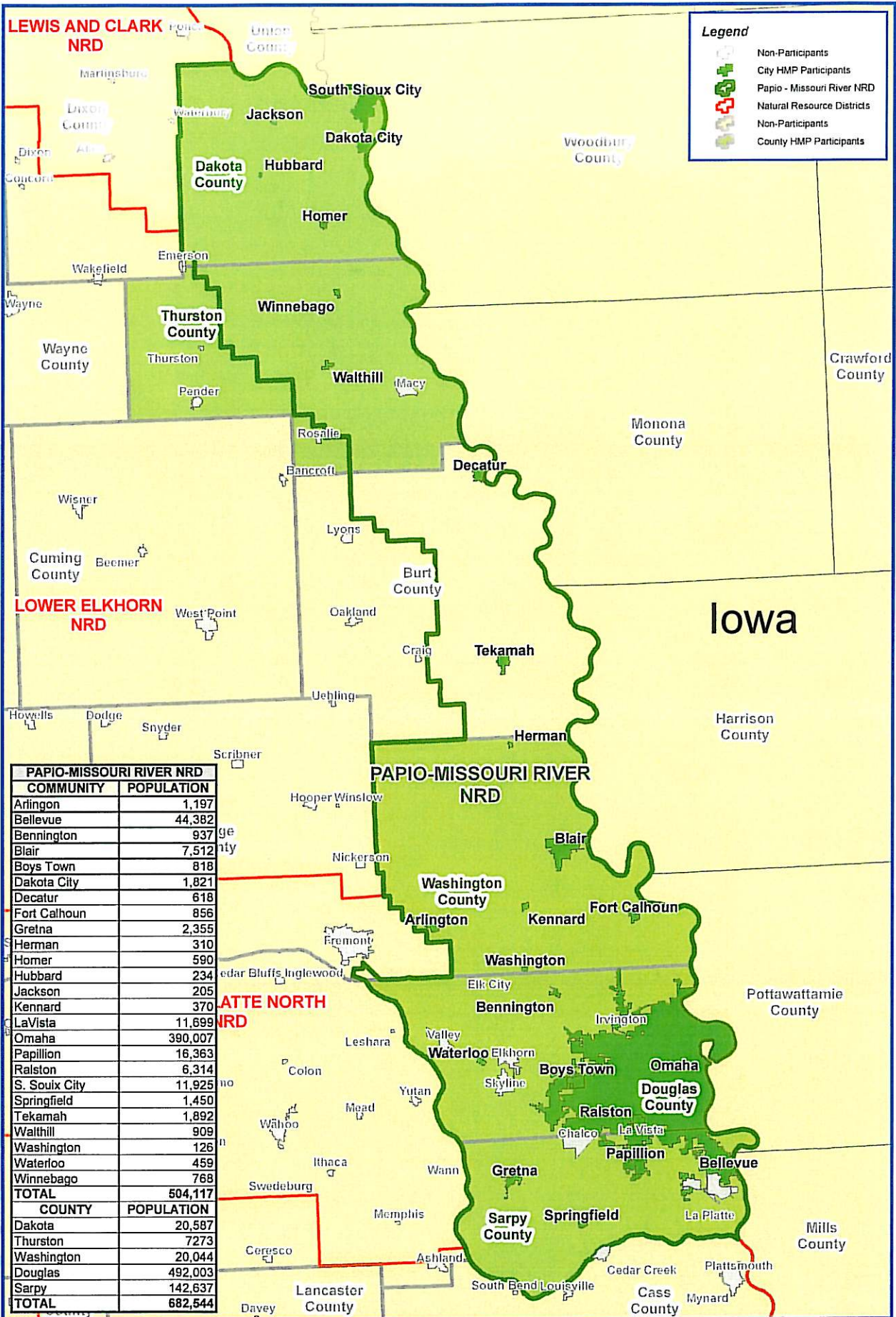
- Public Meetings
- Establishment of Goals/Objectives/Mitigation Alternatives

Phase Four: Mitigation Plan Development

- Develop Draft Mitigation Plan

Phase Five: Hazard Mitigation Plan Submittal

- Submittal of plan to NEMA/FEMA
- Participant Approval



**Papio - Missouri River NRD
Plan Area
Attachment 2**



ATTACHMENT 3 - Estimated Project Schedule

Description of Task	Starting Point	Unit of Time	Duration	Unit of Time	Work Completed By
Project initiation and mobilization	1	DAYS	90	DAYS	Consultant
Prepare description of mitigation planning process	90	DAYS	30	DAYS	Consultant
Prepare news release or newspaper article for the general public	90	DAYS	30	DAYS	Consultant / NRD
Conduct public meeting to identify all hazards, history of hazards their risk, and the District's vulnerability	120	DAYS	1	DAYS	Consultant / NRD
Summarize identified hazards, vulnerability, risk, historical occurrence and preliminary mitigation alternatives	120	DAYS	15	DAYS	Consultant
Coordinate with other agencies for their research and review of historic flood reports, studies, plans, and other relevant information	120	DAYS	90	DAYS	Consultant / NRD
Assess hazards by performing structural inventory and HAZUS that identifies needed information	135	DAYS	90	DAYS	Consultant
Assess existing hazards, the extent of damage potential, and the District's floodplain/emergency hazard management goals	135	DAYS	120	DAYS	Consultant
Field Data Collection - Perform a window survey to complete a structural inventory of the District	165	DAYS	90	DAYS	Consultant
Completion of the structural inventory including data entry into GIS ArcView	135	DAYS	90	DAYS	Consultant
Analyze field data and identify problem areas	165	DAYS	90	DAYS	Consultant
Estimate potential losses due to various hazards	195	DAYS	90	DAYS	Consultant
Assess the vulnerability of the NRD to various hazards	225	DAYS	60	DAYS	Consultant
Develop preliminary hazard mitigation goals and objectives based on data analysis and public meeting input	255	DAYS	60	DAYS	Consultant
Identification and analysis mitigation options	255	DAYS	90	DAYS	Consultant
Prepare draft all hazard mitigation plan according to FEMA's requirements	285	DAYS	90	DAYS	Consultant
Prepare news release for the newspaper and general public for a second public meeting	345	DAYS	30	DAYS	Consultant / NRD
Present draft hazard mitigation plan at a public hearing at Board Meeting	390	DAYS	1	DAYS	Consultant
Receive comments and suggestions by public and develop final goals and objectives	390	DAYS	15	DAYS	Consultant / NRD
Revise the hazard mitigation plan and prepare final plan.	405	DAYS	90	DAYS	Consultant
Submit copies of the plan to NEMA and FEMA and to the NRD for final review	495	DAYS	180	DAYS	Consultant
NRD to adopt plan and provide supporting documentation of the adoption	675	DAYS	30	DAYS	NRD
Submit to FEMA and other agencies for final approval	705	DAYS	60	DAYS	Consultant