FEMA

ILLINOIS DEPARTMENT OF NATURAL RESOURCES
COOPERATING TECHNICAL PARTNERS
MAPPING ACTIVITY STATEMENT

Mapping Activity Statement No. IDNR05-15 – Digital Flood Insurance Rate Map Production and Development of Updated Flood Data for McLean County, Illinois

In accordance with the Cooperating Technical Partners (CTP) Partnership Agreement dated 4-28-04 between the Illinois Department of Natural Resources (hereafter called the IDNR) and the Federal Emergency Management Agency (FEMA), Mapping Activity Statement (MAS) No. IDNR05-15 is as follows.

SECTION 1—OBJECTIVE AND SCOPE

The objective of the Flood Map Project documented in this MAS is to develop a Digital Flood Insurance Rate Map (DFIRM) and Flood Insurance Study (FIS) report for McLean County, Illinois. The DFIRM and FIS report will be produced in the FEMA Countywide Format. The mapping will use the Universal Transverse Mercator (UTM) coordinate system NAD83 horizontal datum, and the North American Vertical Datum (NAVD) of 1988.

The scope of work and subsequent cost estimate for the work in this Mapping Activity Statement is based upon the information provided to IDNR in the Pre-Scoping Reports produced by Baker Engineering, Inc. The Pre-Scoping Reports provided to IDNR include studied stream miles (Zone AE floodplain with and without floodway); unstudied stream miles (Zone A floodplain); number of LOMC that must be address in this mapping process and current number of effective Flood Insurance Studies (FIS). Should stream miles, LOMC's or number of FIS vary significantly from those reported in the Pre-Scoping Reports, IDNR shall prepare and deliver to FEMA a Special Problem Report (SPR) noting estimated costs differentials due to the change in scope of work. The DFIRM panel layout and map scales shown in the attached graphic were prepared by the Illinois State Water Survey.

The base map identified for this project is the series of United States Geological Survey Digital Orthophoto Quadrangles. Should an alternate, higher resolution source of base map data be identified through the Scoping process the implications with respect to the scope of work and costs will be evaluated and a Problem Resolution Report prepare if needed.

The best available digital topographic data identified for this mapping project are United States Geological Survey Digital Line Graphics (DLG). The floodplain boundaries of studied streams will be visually inspected for agreement with the identified DLG. Should an alternate, higher resolution source of topographic data be identified during the scoping process the implications with respect to the scope of work and costs will be evaluated and a Problem Resolution Report prepare if needed.

Existing GIS data and study needs for the community will be researched, obtained, organized and uploaded to the Multi-hazard Information Platform (MIP) in accordance with Activity 1. Scoping will be necessary to determine the final statement of work for this project.

The National Service Provider (NSP), in coordination with the CTP shall input the scope of work into the FEMA Scoping Tool for this project. This includes information concerning effective map information, local GIS data availability, and the flood reach data for existing conditions.

This Flood Map Project will be completed by the following

- The Project Team for McLean County;
- Illinois Department of Natural Resources
- FEMA Region V; and
- Baker Corporation, under contract to FEMA's as National Service Provider (NSP).

The CTP shall notify FEMA and the NSP by e-mail of all meetings with community officials at least one week prior to the meeting (with as much notice as possible). FEMA and/or the NSP may or may not attend the community meetings

The activities for this Flood Map Project, including required Quality Assurance/Quality Control (QA/QC) reviews, and the Mapping Partners that will complete them are summarized in Table 1-1. The sections of this MAS follow Table 1.1 describing the specific activities, responsible Mapping Partner(s), FEMA standards that must be met, and resultant map components.

Table 1-1

Activities	CTP	NSP	FEMA
Activity 1 – Scoping	X	X	X
Activity 2 - Outreach	X	X	X
Activity 10 – Floodplain Mapping (Detailed Riverine or Coastal Analysis)	X		
Activity 10A – Floodplain Mapping (Redelineation Using Effective Flood Profiles and Updated Topographic Data)	X		
Activity 10B -- Floodplain Mapping (Refinement or Creation of Zone A)	X		
Activity 11 – Independent QA/QC Review for Floodplain Mapping	X		
Activity 12 – Base Map Acquisition	X		
Activity 13 – DFIRM Production (Non-Revised Areas)	X		
Activity 13A – Independent QA/QC Review of DFIRM Production (Non-Revised Areas)	X	X	
Activity 14 – DFIRM Production (Merge Revised and Non-Revised Information)	X		
Activity 14A – Application of DFIRM Graphic and Database	X		

Activities	CTP	NSP	FEMA
Activity 14B – Independent QA/QC Review of DFIRM Product Meeting FEMA Graphics and Database Specifications	X		
Activity 15 – Preliminary DFIRM and FIS Report Distribution	X	X	X
Activity 16 – Post-Preliminary Processing	X	X	X

FEMA has developed tools to assist in the development of the flood hazard data studies and the Digital Flood Insurance Rate Maps (DFIRMs) if the CTP wishes to use them. FEMA will, through the NSP, provide all CTPs access to and training in these tools. The tools available at this time include WISE software and the DFIRM production tools. The use of these tools will improve the Map Modernization and efficiency of all mapping partners.

The Data Capture Standard submittals will be required at the following study milestones:

- Project Scoping (as specified)
- and DFIRM Mapping (draft and preliminary).

QA/QC review activities may be performed by CTPs or the NSP at the discretion of FEMA. If the CTP will be utilizing their staff or contractors to do the QA/QC review, this should be identified during scoping. The CTP will need to submit their QA/QC plan with checklist to the Regional Project Officer for approval. Please note the NSP will also be performing periodic audits and overall study/project management to ensure study quality.

FEMA will be providing download/upload capability for intermediate data submittals through the Management Information Portal (MIP). Data submittals uploaded via the MIP, will include the same data required prior to the existence of the MIP.

Activity 1 – Scoping

Responsible Mapping Partner: IDNR

Scope: This task involves collecting data from a variety of sources including community surveys, other Federal and State Agencies, local units of government, NFIP State Coordinators, Community Assistance Visits (CAV's) and FEMA archives.

Data collection will include obtaining the best available base map materials (corporate limits, roads, orthophotos, etc) along with stream centerline files. The acquired data will be imported into the scoping tool and used during the Scoping Task. In the Scoping Tool all streams should have unique names, the limits of the effective FEMA studies will be identified, LOMC areas should be identified, and community requests identified. This task also includes populating the streamlines with existing pipeline and scoped studies currently underway. At the request of the CTP, the FEMA Region through a regional task order may direct the NSP to assist with the collection of pre-scoping data and population of the Scoping Tool.

In cooperation with the FEMA Region, a Project Team will be established consisting of personnel from IDNR, McLean County, and community officials within the county. The Project Team will be responsible for the activities identified in Activity 1of this Statement of Work including but not limited to identifying and acquiring Base Map information relevant to this MAS, coordinating meeting dates and

locations for Project Scoping and Post Preliminary presentation of the DFIRMS, and generally assisting with the completion of tasks identified in this Statement of Work.

Preliminary Research Activities can be separated into two categories—researching effective information and researching available data for the Flood Map Project. The following tasks shall be completed by the NSP prior to the Scoping Meeting to research effective information: inventory the FEMA archives for effective FIRM panels, FRFM panels, FIS reports, and other flood hazard data or existing study data; populate relevant areas of the Scoping Tool; and develop a Scoping Map. *Costs associated with library retrieval of effective information have not been included in this MAS.* If the CTP is charged for library retrieval performed by the NSP it will necessitate a revision to this MAS. IDNR will collect information from the CAV and CAC files; and upload it to the Scoping Tool.

The following tasks shall be completed in accordance with Activity 1 to research available data for the McLean County Flood Map Project: identify available base map information; identify available topographic data; identify available flood hazard data; and identify other available hydrologic and hydraulic information.

IDNR will co-ordinate, set-up, and conduct the Scoping Meeting with the assistance of the Project Team. This includes identifying a time, place, and all participants. The purpose of this meeting is to present current mapping information to local officials and coordinate on identification and prioritization of study areas. IDNR shall be responsible for compiling the necessary information for the meeting. These items may include: FIS and FIRM for affected communities; USGS quads for the study area; best available community base map(s); effective FIRM summary; Available Data Inventory; Scoping Map; Scoping Meeting Agenda/Minutes form; Aerial photos/topographic mapping if available; existing drainage studies or other H&H data; Community master plan(s)/Drainage Master Plan(s); Zoning Maps; Street Maps; As-built plans; and Floodplain Ordinance(s).

The CTP Management Team shall review the mapping needs list resulting from the Scoping Meeting, review the research findings, and make selections of proposed methods for obtaining/producing flood data. Any additions or changes to the activities listed in this MAS shall be discussed with all Project Team Members. All needs shall also be prioritized. In general, highest priority shall be given to the following areas: areas of dense existing or anticipated development, including areas where new road crossings have been constructed over stream(s); areas affected by flood-control structures and/or channelization; areas where natural physical changes in the floodplain have been significant (due to subsidence or extreme erosion, for example); areas that were studied by approximate methods and unmapped areas, especially those with development pressure; areas where the community has experienced flooding outside mapped floodplains, with severe damage to buildings and/or infrastructure; areas where mapped flood hazards do not match those shown on contiguous FIRMs (unless those FIRMs are not considered to be accurate); and areas where flood data (BFE's, floodplains, and regulatory floodways) are likely to be changed by a restudy.

Based on the discussion of mapping needs, IDNR and the FEMA Project Officer will finalize the areas to be included in the project and areas identified as future mapping needs (based on recommendations provided by the Project Team). Areas to be studied by detailed and approximate methods shall be identified. The following issues will be discussed and refined: Review and Refinement of Flood Hazard Identification Methodologies; Review of existing studies not yet submitted as LOMR; Review of Proposed Paneling Scheme; Review and Refinement of Base and Topographic Map Source; and Finalization of Map Production and Database Options.

Standards: All work under Activity 1 shall be performed in accordance with the standards specified in Section 5.

Deliverables:

- The Final Scoping Report will be delivered in accordance with the schedule outlined in Section 6 for this Activity to the Regional Project Officer for approval.

- IDNR shall make available to FEMA upon request copies of all digital files obtained that are not proprietary and lists of files that may be available at a later date; a summary of the mapping needs identified in the Scoping Meeting; and Scoping Tool project files.

Activity 2 – Outreach

Responsible Mapping Partner: IDNR and FEMA (NSP)

Scope: The outreach activities for a Flood Map Project can best be understood as a process that begins during the Project Scoping phase and continues through the Map Production and Post-preliminary phases. A regulatory overview of required activities is followed by a description of tools that can be used in working with stakeholders to keep them informed and to solicit their input.

The overarching goal for conducting outreach is to create a climate of understanding and ownership of the mapping process at the State and local levels. Well-planned outreach activities can reduce political stress, confrontation in the media, and public controversy, which can arise from lack of information, misunderstanding, or misinformation. These outreach activities also can assist FEMA and other members of the Project Team in responding to congressional inquiries.

The IDNR will work with the Regional Office during the initiation of this activity to determine an Outreach Plan for implementation throughout the Mapping Project. The Regional Office will have access to many outreach tools that have been developed for this process that can be utilized or customized for your use.

By proactively reaching out to all key stakeholders as early in the Flood Map Project as possible, the maps can be used to their full potential. The likelihood of appeals may also be reduced or eliminated. Specific activities shall include, but are not limited to the following.

- ✓ Establishing two-way communication to address the needs of, inform and obtain feedback from, the stakeholders. Communication will take the form of community meetings, informational mailings, email, and a website posting of each county's Preliminary DFIRM panels for public viewing and comments.

- ✓ Ensuring compliance with due process requirements.

- ✓ Interacting with technical representatives to ensure production of accurate and up-to-date maps.

- ✓ Enhancing ownership by communities.

- ✓ Tracking, monitoring, and evaluating outreach activities and adjusting efforts according to ongoing feedback and evolving project needs.

All communication with local governments will be done in accordance with Title 44 Code of Federal Regulations Part 66.

Standards: All work under Activity 2 shall be performed in accordance with the standards specified in Section 5.

Deliverables: Upon determination of an Outreach and Coordination Approach the IDNR shall deliver the following to the FEMA Regional Project Officer in accordance with the schedule outlined in Section 6 for this Activity:

- A report detailing outreach and coordination activities
- Backup or supplemental information used in writing this report

At the completion of the DFIRM process, IDNR will submit a summary of outreach activities and any changes made in the outreach approach based on the actual implementation

Activity 10 - Floodplain Mapping (Detailed Riverine or Coastal Analysis)

Responsible Mapping Partner: IDNR

Scope: IDNR shall delineate the 1- and 0.2-percent-annual-chance floodplain boundaries and the regulatory floodway boundaries (if required) for the flooding sources for which new detailed hydrologic, and/or hydraulic analyses has been performed and reviewed and approved for inclusion and submitted in an approved format, at this time no new studies have been identified. IDNR shall incorporate the new or revised hydrologic, hydraulic, and/or coastal modeling and shall use the topographic data provided by the community or available from FEMA contractors and/or acquired under Activity 1, Scoping, to delineate the floodplain and regulatory floodway boundaries on a digital work map. In addition, IDNR shall incorporate the results of all effective Letters of Map Change (LOMC's) within the revised areas as appropriate. Also, IDNR shall address all concerns or questions regarding Activity 10 that are raised during the independent QA/QC review under Activity 11.

Activity 10A - Floodplain Mapping (Redelineation of Detailed Floodplain Boundaries Using Updated Topographic Data)

Responsible Mapping Partner: IDNR

Scope: IDNR shall delineate the 1- and 0.2-percent-annual-chance floodplain boundaries for the flooding sources listed in the Floodway Data Tables of applicable FIS's. IDNR shall use the topographic data acquired from the community through Activity 1 and/or 12 or use available United States Geological Survey topographic data displayed on Digital Line Graphs to delineate the floodplain as appropriate on a digital work map. If new topographic data does not reflect the same hydraulic characteristics as in effective study, IDNR shall evaluate the topographic data to determine if changes are significant enough to invalidate the floodplain boundary re-delineations. If significant, IDNR shall contact the FEMA Regional Project Officer identified in Section 12 of this MAS with a recommendation. In addition, IDNR

shall address all concerns or questions regarding Activity 10A that are raised during the independent QA/QC review under Activity 11.

Activity 10B - Floodplain Mapping (Refinement or Creation of Zone A)

Responsible Mapping Partner: IDNR

Scope: IDNR shall delineate the 1-percent-annual-chance floodplain boundaries of Zone A floodplains as noted in Pre-Scoping Report. IDNR shall use scanned images of effective FIRM panels registered to the base map acquired under Activity 12 to digitize the floodplain boundaries. In addition, IDNR shall address all concerns or questions regarding Activity 10B that are raised during the independent QA/QC review under Activity 11.

Standards: All work under Activity 10, 10A, and 10B shall be performed in accordance with the standards specified in Section 5.

Deliverables for Activities 10 / 10A / 10B: In accordance with the TSDN format described in described in Appendix M of *Guidelines and Specifications for Flood Hazard Mapping Partners*, IDNR shall make the following products available by submitting it to the FEMA Regional Office via the digital media identified in the paragraph above, if the MIP is unavailable. This submittal may occur simultaneously with Activity 11, 13, 13A, 14, 14A and 14B as shown in the schedule outlined in Section 6.

- Digital work maps showing the 1- and 0.2-percent-annual-chance floodplain boundary delineations, regulatory floodway boundary delineations, cross sections, BFE's, flood insurance risk zone labels, and all applicable base map features;
- Any backup or supplemental information, including supporting calculations, assumptions and analysis methodologies for any computed 1-percent-annual chance water-surface elevations (if applicable) used in the mapping required for the independent QA/QC review under Activity 11;
- DFIRM mapping files, prepared in accordance with the requirements in *Guidelines and Specifications for Flood Hazard Mapping Partners*;
- Metadata files describing the DFIRM data, including all required information shown in *Guidelines and Specifications for Flood Hazard Mapping Partners*;
- A Summary Report that describes and provides the results of all automated or manual QA/QC review steps taken during the floodplain mapping tasks;
- An explanation for the use of existing topography for the studied reaches, if appropriate.
- If automated GIS-based models are applied, all input data, output data, intermediate data processing products, and GIS data layers shall be submitted upon request unless the data used is proprietary.
- FEMA Format DFIRM Database or Data Delivery consistent with the FEMA Data Capture Standards –Appendix N of the Guidelines and Specifications for Flood Mapping Partners.

Appendix M may be downloaded from the FEMA Flood Hazard Mapping Web site at http://www.fema.gov/pdf/fhm/frm_gsam.pdf.

Activity 11 - Independent QA/QC Review of Floodplain Mapping (Revised Areas)

Responsible Mapping Partner: IDNR

Scope: IDNR shall establish a review procedure for the floodplain mapping performed under Activities 10, 10A, and 10B to ensure that the results of the analyses performed are accurately represented. FEMA may audit or assist in these activities if deemed to be necessary by the Regional Project Officer. This work shall include, at a minimum, the activities listed below.

- Review the cross sections for proper location and orientation on the work map and agreement with the Floodway Data Table.
- Review the BFE's shown on the work map for proper location and agreement with the results of the hydraulic modeling.
- Review the regulatory floodway widths for agreement with the widths shown in the Floodway Data Table and the results of the hydraulic modeling.
- Review the floodplain boundaries for agreement with the flood elevations shown in the Floodway Data Table and the contour lines and other topographic information shown on the work maps.
- Review the floodplain widths at cross sections as shown on the work maps to ensure they match the Floodway Data Table.
- Review the floodplain boundaries as shown on the work maps to ensure they match the Flood Profiles.
- Review the flood insurance risk zones as shown on the work maps to ensure they are labeled properly.
- Review the DFIRM mapping files to ensure they were prepared in accordance with the requirements in *Guidelines and Specifications for Flood Hazard Mapping Partners*.
- Review the metadata files to ensure they include all required information shown in *Guidelines and Specifications for Flood Hazard Mapping Partners*.

Standards: All work under Activity 11 shall be performed in accordance with the standards specified in Section 5.

Deliverables: In accordance with the TSDN format described in Appendix M of *Guidelines and Specifications for Flood Hazard Mapping Partners*, IDNR shall make the following products available to FEMA by uploading the digital data to MIP or submitting it to the FEMA Regional Office if the MIP is unavailable. This submittal may occur simultaneously with Activity 10, 10A, 10B, 13, 13A, 14, 14A and 14B as shown in the schedule outlined in Section 6.

- A Summary Report that describes the QA/QC review,
- Descriptions of resolutions of any problems that are identified during the QA/QC review; and
- An annotated work map with all questions and/or concerns indicated if necessary.

Appendix M may be downloaded from the FEMA Flood Hazard Mapping Web site at http://www.fema.gov/pdf/fhm/frm_gsam.pdf.

Activity 12 - Base Map Acquisition

Responsible Mapping Partner: IDNR

Scope: Activity 12 consists of obtaining the digital base map, as provided by the community or using the latest Digital Ortho Quarter Quadrangles produced by the United States Geological Survey, for the project. IDNR shall secure the digital base map. The required activities are as follows:

- Obtain digital files (raster or vector) of the base map.
- Secure necessary permissions from the map source to allow FEMA's use and distribution of hardcopy and digital map products using the digital base map, free of charge.
- Certify that the digital data meets the minimum standards and specifications that FEMA requires for DFIRM production.
- Populate the DFIRM database with the information required by FEMA.

Standards: All work under Activity 12 shall be performed in accordance with the standards specified in Section 5.

Deliverables: In accordance with the TSDN format described in described in Appendix M of *Guidelines and Specifications for Flood Hazard Mapping Partners*, IDNR shall make the following products available to FEMA in accordance with the schedule outlined in Section 6 for this Activity:

- Written certification that the digital data meet the minimum standards and specifications and
- Documentation that FEMA can use the digital base map.

Appendix M may be downloaded from the FEMA Flood Hazard Mapping Web site at http://www.fema.gov/pdf/fhm/frm_gsam.pdf.

Activity 13 – DFIRM Production (Non-Revised Areas)

Responsible Mapping Partner: IDNR

Scope: For all flooding sources except those segments for which updated flood data will be developed under Activities 1 through 11, IDNR shall convert the information shown on the effective FIRM and Flood Boundary Floodway Map (FBFM) panels for all incorporated and unincorporated areas of McLean County to digital format in conformance with FEMA DFIRM specifications. IDNR shall use the base map acquired under Activity 12 for the conversion. IDNR shall digitize all effective FIRM panels and FBFM panels (55 total as reported in the Pre-Scoping package). IDNR also shall incorporate the results of LOMC's issued by FEMA since the date of the current effective FIRM for each affected community as shown on the list of LOMC's provided by Baker Engineering, attached. LOMAs and LOMR-Fs where the base flood is not modified by hydrologic or hydraulic studies identified in this MAS or through the scoping process will be identified in the Summary of Map Actions (SOMA) for revalidation. LOMAs and LOMR-Fs where the base flood is modified by hydrologic or hydraulic studies

identified in the MAS or through the scoping process will be listed in the SOMA as requiring review. Case files will not be reviewed and SOMA status will be determined on the basis of the information provide in the LOMC table. Also, IDNR shall address all comments and questions regarding Activity 13 that are raised during their internal and independent QA/QC review under Activity 13A.

IDNR shall not digitize the flood theme for those segments of flooding sources for which updated flood data will be developed if so identified through the Scoping Process in Activity 1. Rather, IDNR shall leave these as "holes" in the digital flood theme for this Activity. These holes will be addressed in other activities in this MAS so that at the point of merging revised and non-revised areas in Activity 14, the DFIRM will be whole and complete

The number of panels produced shall be consistent with the paneling scheme shown on attached map prepared by Illinois State Water Survey.

Standards: All work under Activity 13 shall be performed in accordance with the standards specified in Section 5.

Deliverables: In accordance with the TSDN format described in described in Appendix M of *Guidelines and Specifications for Flood Hazard Mapping Partners*, IDNR shall make the following products available to FEMA in accordance with the schedule outlined in Section 6 for this Activity: This submittal may occur simultaneously with Activity 10, 10A, 10B, 11, 13A, 14, 14A and 14B as shown in the schedule outlined in Section 6.

- Digital work maps showing the 1- and 0.2-percent-annual-chance floodplain boundary delineations, regulatory floodway boundary delineations, cross sections, BFE's, flood insurance risk zone labels, and all applicable base map features;
- DFIRM mapping files, prepared in accordance with the requirements in *Guidelines and Specifications for Flood Hazard Mapping Partners*;
- Metadata files describing the DFIRM data, including all required information shown in *Guidelines and Specifications for Flood Hazard Mapping Partners*;
- A Summary Report that describes and provides the results of all automated or manual QA/QC review steps taken during the preparation of the DFIRM, including a check that the road and floodplain relationship is maintained for all non-revised areas.

Appendix M may be downloaded from the FEMA Flood Hazard Mapping Web site at http://www.fema.gov/pdf/fhm/frm_gsam.pdf.

CID	CASE_NUM	LOMC_TYPE	REQ_RECVD	DETERM DATE	DETERMTYPE	FINAL_LTR	PROJ_NAME	FLOOD_SRC	MAP_PANEL	MAP_DATE	PROPDESC	PROPADDR	ZONE	COMNAME
170490	04-05-0891P	102	12/24/2003	2/18/2005	5		The Ponds Subdivision, Lot 1	Sugar Creek	17113C0318D	2/9/2001	The Ponds Subdivision, Lot 1			Bloomington, City Of
170490	01-05-1875A	LOMA	3/20/2001	5/9/2001	2	2000-70-RS	The Villas At Spring Ridge, Phase 1, First Addition, Lots 9-16	Sugar Creek	17113C0314D	2/9/2001	The Villas At Spring Ridge, Lots 9 Through 16, Phase One		X	Bloomington, City Of
170490	01-05-2332A	LOMA	5/2/2001	6/6/2001	2	2000-70-RS	Second Brookridge Subdivision, Lot 89; 8 Brompton Court	Brookbridge Branch	17113C0504D	2/9/2001	Second Addition To Brookridge Subdivision, Lot 89	8 Brompton Court	X	Bloomington, City Of
170490	01-05-2679A	LOMA	5/30/2001	7/18/2001	2	2000-70-OS	Oblander Addition, Lot 9; 3 James Place	Sugar Creek	17113C0501D	2/9/2001	Oblander's Addition, Lot 9	3 James Place	X	Bloomington, City Of
170490	01-05-3680A	LOMA	8/29/2001	10/3/2001	2	2000-70-RS	Eagle Creek And Eagle Creek 1st Addition Subdivision, Lots 9-21, 60, 62, 75,77 And 78	Sugar Creek	17113C0318D	2/9/2001	First Addition To Eagle Creek Subdivision, Lot 75	3101 Monterrey Road	X	Bloomington, City Of
170490	01-05-3680A	LOMA	8/29/2001	10/3/2001	2	2000-70-RS	Eagle Creek And Eagle Creek 1st Addition Subdivision, Lots 9-21, 60, 62, 75,77 And 78	Sugar Creek	17113C0318D	2/9/2001	First Addition To Eagle Creek Subdivision, Lot 77	3104 Monterrey Road	X	Bloomington, City Of
170490	01-05-3680A	LOMA	8/29/2001	10/3/2001	2	2000-70-RS	Eagle Creek And Eagle Creek 1st Addition Subdivision, Lots 9-21, 60, 62, 75,77 And 78	Sugar Creek	17113C0318D	2/9/2001	First Addition To Eagle Creek Subdivision, Lot 78	3106 Monterrey Road	X	Bloomington, City Of
170490	01-05-3680A	LOMA	8/29/2001	10/3/2001	2	2000-70-RS	Eagle Creek And Eagle Creek 1st Addition Subdivision, Lots 9-21, 60, 62, 75,77 And 78	Sugar Creek	17113C0318D	2/9/2001	Eagle Creek Subdivision, Lot 9	18 Long Cove Court	X	Bloomington, City Of
170490	01-05-3680A	LOMA	8/29/2001	10/3/2001	2	2000-70-RS	Eagle Creek And Eagle Creek 1st Addition Subdivision, Lots 9-21, 60, 62, 75,77 And 78	Sugar Creek	17113C0318D	2/9/2001	Eagle Creek Subdivision, Lot 21	3102 Creek Side Road	X	Bloomington, City Of
170490	01-05-3680A	LOMA	8/29/2001	10/3/2001	2	2000-70-RS	Eagle Creek And Eagle Creek 1st Addition Subdivision, Lots 9-21, 60, 62, 75,77 And 78	Sugar Creek	17113C0318D	2/9/2001	Eagle Creek Subdivision, Lot 19	19 Long Cove Court	X	Bloomington, City Of

CID	CASE_NUM	LOMC_TYPE	REQ_RECVD	DETERM DATE	DETERMTYPE	FINAL_LTR	PROJ_NAME	FLOOD_SRC	MAP_PANEL	MAP_DATE	PROPDESC	PROPADDR	ZONE	COMNAME
170490	01-05-3680A	LOMA	8/29/2001	10/3/2001	2	2000-70-RS	Eagle Creek And Eagle Creek 1st Addition Subdivision, Lots 9-21, 60, 62, 75,77 And 78	Sugar Creek	17113C0318D	2/9/2001	Eagle Creek Subdivision, Lot 16	25 Long Cove Court	X	Bloomington, City Of
170490	01-05-3680A	LOMA	8/29/2001	10/3/2001	2	2000-70-RS	Eagle Creek And Eagle Creek 1st Addition Subdivision, Lots 9-21, 60, 62, 75,77 And 78	Sugar Creek	17113C0318D	2/9/2001	Eagle Creek Subdivision, Lot 14	28 Long Cove Court	X	Bloomington, City Of
170490	01-05-3680A	LOMA	8/29/2001	10/3/2001	2	2000-70-RS	Eagle Creek And Eagle Creek 1st Addition Subdivision, Lots 9-21, 60, 62, 75,77 And 78	Sugar Creek	17113C0318D	2/9/2001	Eagle Creek Subdivision, Lot 11	22 Long Cove Court	X	Bloomington, City Of
170490	01-05-3680A	LOMA	8/29/2001	10/3/2001	2	2000-70-RS	Eagle Creek And Eagle Creek 1st Addition Subdivision, Lots 9-21, 60, 62, 75,77 And 78	Sugar Creek	17113C0318D	2/9/2001	Eagle Creek Subdivision, Lot 15	27 Long Cove Court	X	Bloomington, City Of
170490	01-05-3680A	LOMA	8/29/2001	10/3/2001	2	2000-70-RS	Eagle Creek And Eagle Creek 1st Addition Subdivision, Lots 9-21, 60, 62, 75,77 And 78	Sugar Creek	17113C0318D	2/9/2001	Eagle Creek Subdivison, Lot 17	23 Long Cove Court	X	Bloomington, City Of
170490	01-05-3680A	LOMA	8/29/2001	10/3/2001	2	2000-70-RS	Eagle Creek And Eagle Creek 1st Addition Subdivision, Lots 9-21, 60, 62, 75,77 And 78	Sugar Creek	17113C0318D	2/9/2001	Eagle Creek Subdivision, Lot 20	17 Long Cove Court	X	Bloomington, City Of
170490	01-05-3680A	LOMA	8/29/2001	10/3/2001	2	2000-70-RS	Eagle Creek And Eagle Creek 1st Addition Subdivision, Lots 9-21, 60, 62, 75,77 And 78	Sugar Creek	17113C0318D	2/9/2001	First Addition To Eagle Creek Subdivsion, Lot 60	3104 Creek Side Road	X	Bloomington, City Of
170490	01-05-3680A	LOMA	8/29/2001	10/3/2001	2	2000-70-RS	Eagle Creek And Eagle Creek 1st Addition Subdivision, Lots 9-21, 60, 62, 75,77 And 78	Sugar Creek	17113C0318D	2/9/2001	First Addition To Eagle Creek Subdivision, Lot 62	3108 Creek Side Road	X	Bloomington, City Of
170490	01-05-3680A	LOMA	8/29/2001	10/3/2001	2	2000-70-RS	Eagle Creek And Eagle Creek 1st Addition Subdivision, Lots 9-21, 60, 62, 75,77 And 78	Sugar Creek	17113C0318D	2/9/2001	Eagle Creek Subdivision, Lot 13	26 Long Cove Court	X	Bloomington, City Of

CID	CASE_NUM	LOMC_TYPE	REQ_RECVD	DETERM DATE	DETERMTYPE	FINAL_LTR	PROJ_NAME	FLOOD_SRC	MAP_PANEL	MAP_DATE	PROPDESC	PROPADDR	ZONE	COMNAME
170490	01-05-3680A	LOMA	8/29/2001	10/3/2001	2	2000-70-RS	Eagle Creek And Eagle Creek 1st Addition Subdivision, Lots 9-21, 60, 62, 75,77 And 78	Sugar Creek	17113C0318D	2/9/2001	Eagle Creek Subdivision, Lot 12	24 Long Cove Court	X	Bloomington, City Of
170490	01-05-3680A	LOMA	8/29/2001	10/3/2001	2	2000-70-RS	Eagle Creek And Eagle Creek 1st Addition Subdivision, Lots 9-21, 60, 62, 75,77 And 78	Sugar Creek	17113C0318D	2/9/2001	Eagle Creek Subdivision, Lot 10	20 Long Cove Court	X	Bloomington, City Of
170490	01-05-3966A	LOMA	9/5/2001	10/12/2001	2	2000-70-RS	Park Place On-The-Creek, Lots 651 & 652; 38 And 40 Vermont Drive	East Tributary Skunk Creek	17113C0482D	2/9/2001	Park Place On The Creek Sudivision, Lots 651 & 652	40 Vermont Drive	X	Bloomington, City Of
170490	02-05-1149A	LOMA	1/3/2002	1/23/2002	2	2000-70-NS	1612 North Fell Avenue	Sugar Creek	17113C0501D	2/9/2001	Phoenix Addition, Block 5 Pt. Of Lot 1/ Blocks 4, 5, 7 & 11	1612 North Fell Avenue	AE	Bloomington, City Of
170490	02-05-1442A	LOMA	1/24/2002	3/20/2002	2	2000-70-RS	Park Place On-The-Creek, Lot 645; 52 Vermont Ave	East Tributary Skunk Creek	17113C0482D	2/9/2001	Park Place On-The-Creek, Lot 645	52 Vermont Ave	X	Bloomington, City Of
170490	02-05-1512A	LOMA	1/29/2002	2/20/2002	2	2000-70-OS	Pheasant Run Development First Addition, Lot 15; 9 Nicole Court	Sugar Creek	17113C0482D	2/9/2001	Pheasant Run Development First Addition, Lot 15	9 Nicole Court	X	Bloomington, City Of
170490	02-05-1514A	LOMA	1/29/2002	2/20/2002	2	2000-70-RS	Second Addition To Hedgewood Subdivision , Lot 132; 2505 Driftwood Road	Sugar Creek	17113C0318D	2/9/2001	Second Addition To Hedgewood Subdivision, Lot 132	2505 Driftwood Road	X	Bloomington, City Of
170490	02-05-2151A	LOMA	3/12/2002	4/5/2002	2	2000-70-RS	Park Place On The Creek, Lot 646; 50 Vermont Avenue	East Tributary Skunk Creek	17113C0482D	2/9/2001	Park Place On The Creek, Lot 646	50 Vermont Avenue	X	Bloomington, City Of
170490	02-05-2187A	LOMA	3/15/2002	5/1/2002	2	2000-70-OS	Wilber M. Carter's Empire Addition, Block 2, Part Of Lot 1; 1132 North Colton Avenue	High School Branch	17113C0501D	2/9/2001	Wilber M. Carter's Empire Add., Block 2, Part Of Lot 1	1132 North Colton Avenue	X	Bloomington, City Of

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170490	02-05-2541A	LOMA	4/10/2002	5/8/2002	2	2000-70-RS	Camp Kickapoo, Block 3, Lot22; 25206 Arrowhead Lane	Lake Bloomington	17113C0150D	2/9/2001	Camp Kickapoo, Block 3, Lot 22	25206 Arrowhead Lane	X	Bloomington, City Of
170490	02-05-2969A	LOMA	5/9/2002	6/5/2002	2	2000-70-R	Park Place On-The-Creek, Lot 644; 54 Vermont Avenue	East Tributary Skunk Creek	17113C0482D	2/9/2001	Park Place On The Creek Subdivision, Lot 644	54 Vermont Avenue	X	Bloomington, City Of
170490	02-05-3555A	LOMA	6/26/2002	7/10/2002	1	2000-65-RS	Market Street Subdivision, Lot 1; 1807 W. Market Street	Skunk Creek & Sugar Creek	17113C0482D	2/9/2001	Market Street Subdivision, Lot 1	1807 West Market Street	X	Bloomington, City Of
170490	02-05-4480A	LOMA	9/9/2002	9/27/2002	2	2000-70-RS	Fifth Addition Rollingbrook Subdivision, Lot 207; 1211 Dover Road	Brookridge Branch	17113C0504D	2/9/2001	Fifth Addition Rollingbrook Subdivision, Lot 207	1211 Dover Road	X	Bloomington, City Of
170490	03-05-0923A	LOMA	11/26/2002	12/13/2002	2	2000-70-RS	Eagle Creek Subdivision, Lot 18; 21 Long Cove Court	Sugar Creek	17113C0318D	2/9/2001	Eagle Creek Subdivision, Lot 18	21 Long Cove Court	X	Bloomington, City Of
170490	03-05-3119A	LOMA	4/24/2003	5/9/2003	2	2000-70-RS	Brookridge, 2nd Addition, Lot 90; 6 Brompton Court	Brookridge Branch	17113C0504D	2/9/2001	Brookridge, 2nd Addition, 2nd Addition, Lot 90	6 Brompton Court	C	Bloomington, City Of
170490	03-05-3519A	LOMA	5/20/2003	6/4/2003	2	2000-70-OS	Oblanders Addition, Lot 8; 5 James Place	Sugar Creek	17113C0501D	2/9/2001	Oblanders Addition, Lot 8	5 James Place	B	Bloomington, City Of
170490	03-05-3609A	LOMA	5/21/2003	6/18/2003	2	2000-70-RS	Lake Ridge Subdivision 1st Addition, Lot 47; 35 Oak Park Road	Sugar Creek	17113C0482D	2/9/2001	Lake Ridge Subdivision 1st Add., Lot 47	35 Oak Park Road	B	Bloomington, City Of
170490	03-05-3610A	LOMA	5/21/2003	6/11/2003	2	2000-70-RS	Lake Ridge Subdivision 1st Add., Lot 48; 33 Oak Park Road	Sugar Creek	17113C0482D	2/9/2001	Lake Ridge Subdivision 1st Add., Lot 48	33 Oak Park Road	B	Bloomington, City Of
170490	03-05-4333A	LOMA	7/8/2003	9/17/2003	17	2000-65-RS	Clerk's Subd. , Lot 26 And Section 6, T23n, R2e; 1805 West Washington Street	Sugar Creek	17113C0482D	2/9/2001	Part Of Sw1/4 Section 5 And Part Of Se1/4 Section 6	1805 West Washington Street	B	Bloomington, City Of

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170490	03-05-5485A	LOMA	9/15/2003	10/17/2003	2	2000-70-RS	Industrial East Sub., 2nd Add., Ne 1/4 Of Sec. 36, Lot 20; 2908 Gill Street	Sugar Creek	17113C0318D	2/9/2001	Industrial East Sub., 2nd Add., Ne 1/4 Of Sec. 36, Lot 20	2908 Gill Street	C	Bloomington, City Of
170490	04-05-1131A	LOMA	12/3/2003	1/9/2004	17	2000-70-65-RS	Fairground Sub., Lots 4,5,6, And 10; 103 Caroline St.	Sugar Creek	17113C0482D	2/9/2001	Fairground Sub., Blk. 12, Lots 12 - 14	103 Caroline St.	B	Bloomington, City Of
170490	04-05-2149A	LOMA	2/10/2004	3/5/2004	2	2000-70-RS	Lake Ridge Sub 1st Addt, Lot 52; 25 Oak Park Road	Sugar Creek	17113C0482D	2/9/2001	Lake Ridge Sub 1st Addt, Lot 52	25 Oak Park Road	B	Bloomington, City Of
170490	04-05-3425A	LOMA	5/3/2004	5/26/2004	2	2000-70-RS	Lake Ridge Subdivision, Ist Addition, Lot 51; 27 Oak Park Road	Sugar Creek	17113C0482D	2/9/2001	Lake Ridge 1st Add., Lot 51	27 Oak Park Road	B	Bloomington, City Of
170490	04-05-4462A	LOMA	9/2/2004	11/3/2004	2				17113C0482D	2/9/2001	Lake Ridge Sub, Lot 49	31 Oak Park Road	B	Bloomington, City Of
170491	03-05-2939A	LOMA	4/9/2003	5/16/2003	2	2000-70-RS	Murphys Subdivision, Lots3,4, 5,6 & 7; 408 & 410 E. Washington St.	Rock Creek	17113C0260D	2/9/2001	Murphys Subdivision, Lots3,4, 5,6 & 7	408 & 410 E. Washington Street	C	Carlock, Village Of
170491	03-05-2939A	LOMA	4/9/2003	5/16/2003	2	2000-70-RS	Murphys Subdivision, Lots3,4, 5,6 & 7; 408 & 410 E. Washington St.	Rock Creek	17113C0300D	2/9/2001	Murphys Subdivision, Lots3,4, 5,6 & 7	408 & 410 E. Washington Street	C	Carlock, Village Of
170497	03-05-2334A	LOMA	3/6/2003	3/14/2003	2	2000-70-RS	Heyworth, Block 1, Lot 5; 202 North Street	Kickapoo Creek Tributary	17113C0705D	2/9/2001	Heyworth, Block 1, Lot 5	202 North Street	C	Heyworth, Village Of
170502	01-05-2861A	LOMA	6/22/2001	11/7/2001	2	2000-70-OS	1510 Courtland	North Branch Sugar Creek	17113C0314D	2/9/2001	Towanda Park Place, Lot 30	1510 Courtland Avenue	X	Normal, Town Of
170502	01-05-3428A	LOMA	8/14/2001	9/21/2001	17	2000-65-RS	1406 Courtland Avenue	North Branch Sugar Creek	17113C0314D	2/9/2001	1st Addition To Windsor Crest Subdivision, Lot 48	1406 Courtland Avenue	X	Normal, Town Of
170502	02-05-1149A	LOMA	1/3/2002	1/23/2002	2	2000-70-NS	1612 North Fell Avenue	Sugar Creek	17113C0501D	2/9/2001	A Parcel Of Land	1612 North Fell Avenue	AE	Normal, Town Of

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170502	03-05-1268A	LOMA	12/27/2002	1/15/2003	2	2000-70-RS	First Addition Den 2 South Subdivision, Lot 11; 1208 Timber Ridge Ct	Linden Street Drain	17113C0313D	2/9/2001	Den 2, South 1st Addt, Lot 2; 1208 Timber Ridge Ct	1208 Timber Ridge Court	X	Normal, Town Of
170502	03-05-4413A	LOMA	7/14/2003	8/20/2003	17	2000-65-RS	First Addition To Windsor Crest Subdivision, Lot 49, 1404 Courtland Avenue	North Branch Sugar Creek	17113C0314D	2/9/2001	First Add. To Windsor Crest Subdivsion, Lot 49	1404 COURTLAND AVENUE	C	Normal, Town Of
170502	04-05-0684A	LOMA	11/4/2003	11/26/2003	2	2000-70-RS	Adelaide Street Subdivision, Lot 2; 1212 South Adelaide Street	Sugar Creek	17113C0482D	2/9/2001	Adelaide St. Sub. Lot 2; 1212 Adelaide St.	1212 South Adelaide Street	C	Normal, Town Of
170502	04-05-1503A	LOMA	12/29/2003	1/14/2004	2	2000-70-RS	Adelaide Street Sub., Lot 3; 1214 South Adelaide St.	Sugar Creek	17113C0482D	2/9/2001	Adelaide Street Sub., Lot 3	1214 South Adelaide St.	B	Normal, Town Of
170502	04-05-2747A	LOMA	3/17/2004	4/30/2004	17	2000-65-RS	Windsor Crest First Addition, Lot 47; 1408 Courtland Avenue	North Branch Sugar Creek	17113C0314D	2/9/2001	Windsor Crest First Addition, Lot 47	1408 Courtland Avenue	C	Normal, Town Of
170502	04-05-4194A	LOMA	7/20/2004	8/11/2004	2				17113C0314D	2/9/2001	Towanda Park Place Subdivision, Lot 35	1500 Courtland Avenue	C	Normal, Town Of
170931	01-05-3469A	LOMA	8/15/2001	9/12/2001	2	2000-70-RS	Indian Creek Subdivision, 1st Addition, Lot 69; 13 Bent Tree Lane	Money Creek	17113C0310D	2/9/2001	First Addition To Indian Creek Subdivision, Lot 69	13 Bent Tree Lane	X	Mclean County
170931	01-05-3849A	LOMA	9/18/2001	11/28/2001	2	2000-70-OS	Portion Of Section 11, T 25 N, R 3 E; Rural Route 1, Box 88j	Mackinaw River	17113C0175D	2/9/2001	Portion Of Section 11, T 25 N, R 3 E	Rural Route 1, Box 88j	X	Mclean County
170931	02-05-0201A	LOMA	10/11/2001	11/7/2001	2	2000-70-RS	Indian Creek Subdivision, 1st Addition, Lot 70; 11 Bent Tree Lane	Money Creek	17113C0310D	2/9/2001	First Addition To Indian Creek Subdivision, Lot 70	#11 Bent Tree Lane	X	Mclean County
170931	02-05-0495A	LOMA	11/2/2001	12/5/2001	2	2000-70-RS	Indian Creek Subdivision, Lot 73; 9 Bent Tree Lane	Money Creek	17113C0310D	2/9/2001	First Addition To Indian Creek, Lot 73	9 Bent Tree Lane	X	Mclean County

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170931	02-05-0589A	LOMA	11/14/2001	12/5/2001	2	2000-70-OS	Fifth Addition To Timber Ridge Subdivision, Lot 43; 4 Patricia Court	Turkey Creek	17113C0175D	2/9/2001	Fifth Addition To Timber Ridge Subdivision, Lot 43	4 Patricia Court	X	Mclean County
170931	02-05-1936A	LOMA	2/27/2002	4/26/2002	2	2000-70-RS	4824 East 1100 North Road	Middle Fork Sugar Creek	17113C0475D	2/9/2001	A Portion Of Section 14, Townsnip 23 North Range 1 West	4824 East 1100 North Road	X	Mclean County
170931	02-05-2795A	LOMA	4/30/2002	6/5/2002	2	2000-70-RS	Se1/4 Of Section 11, T25n, R3e Of The 3rd P.M.; 22746 East Musial Road	Mackinaw River	17113C0175D	2/9/2001	Se1/4 Of Section 11, T25n, R3e Of The 3rd P.M.	22746 East Musial Road	X	Mclean County
170931	02-05-3246A	LOMA	6/4/2002	8/28/2002	2	2000-70-RS	Camp Iroquois, Block 1, Lot A; 24765 Thorn Apple Lane	Lake Bloomington	17113C0150D	2/9/2001	Camp Iroquois, Block 1, Lot A	24765 Thorn Apple Lane	X	Mclean County
170931	02-05-3455A	LOMA	6/18/2002	8/28/2002	2	2000-70-RS	Indian Creek Subdivision, Lot 11; 298 Candle Ridge Road	Money Creek	17113C0310D	2/9/2001	Indian Creek Subdivision, Lot 11; 298 Candle Ridge Road	298 Candle Ridge Rd	X	Mclean County
170931	02-05-3530A	LOMA	6/24/2002	7/12/2002	2	2000-70-NS	Mechanical Devices Subdivision, Lot 1; 2005 G.E. Road	Sugar Creek	17113C0510D	2/9/2001	Mechanical Devices Subdivision, Lot 1	2005 G.E. Road	AE	Mclean County
170931	02-05-3530A	LOMA	6/24/2002	7/12/2002	2	2000-70-NS	Mechanical Devices Subdivision, Lot 1; 2005 G.E. Road	Sugar Creek	17113C0318D	2/9/2001	Mechanical Devices Subdivision, Lot 1	2005 G.E. Road	AE	Mclean County
170931	02-05-4219A	LOMA	8/20/2002	1/10/2003	2	2000-70-RS	Pt E1/2, Ne1/4 Of Sec. 1; Peoria Point Sub, Lot 7-A	Lake Bloomington	17113C0150D	2/9/2001	Peoria Pointe Sub, Pt E1/2, Ne1/4 Of Sec. 1, Lot 7-A		X	Mclean County
170931	02-05-4223A	LOMA	8/20/2002	12/27/2002	2	2000-70-R	Thornton Subdivision, Lot 2	North Fork Salt Creek	17113C0775D	2/9/2001	Thornton Subdivision, E1/2, Ne1/4, Nw1/4, Section 22		X	Mclean County

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170931	02-05-4253A	LOMA	8/21/2002	11/20/2002	2	2000-70-R	25017 Woodthrush Circle	Lake Bloomington	17113C0150D	2/9/2001	Part Of Sec. 12, T25n, R2e, 3rd Pm	25017 Woodthrush Circle	X	Mclean County
170931	02-05-4729A	LOMA	9/24/2002	10/23/2002	2	2000-70-RS	A Portion Of Section 11, T25n, R3e, 3rd Principal Meridian; 22746 E. Musial Road	Mackinaw River	17113C0175D	2/9/2001	A Portion Of Section 11, T25n, R3e, 3rd Principal Meridian	22746 East Musial Road	X	Mclean County
170931	03-05-0648A	LOMA	11/5/2002	2/26/2003	2	2000-70-RS	Camp Kickapoo, Block 3, Lot 12; 25446 Arrowhead Lane	Lake Bloomington	17113C0150D	2/9/2001	Camp Kickapoo, Blk 3, Lot 12	25446 Arrowhead Lane	X	Mclean County
170931	03-05-0710A	LOMA	11/12/2002	12/18/2002	2	2000-70-RS	Camp Kickapoo, Blk 2, Lot 15; 18333 Kickapoo Lane (K-29)	Lake Bloomington	17113C0150D	2/9/2001	Camp Kickapoo, Blk 2, Lot 15	18333 Kickapoo Lane	X	Mclean County
170931	03-05-1106A	LOMA	12/10/2002	2/28/2003	2	2000-70-RS	Camp Kickapoo, Blk 2, Lot 19, 20; 18305 Kickapoo Lane	Lake Bloomington	17113C0150D	2/9/2001	Camp Kickapoo, Blk 2, Lot 19, 20; 18305 Kickapoo Lane	18305 Kickapoo Lane	X	Mclean County
170931	03-05-1224A	LOMA	12/20/2002	1/22/2003	2	2000-70-RS	Camp Kickapoo, Blk 3, Lot 3; 25098 Ron Smith Memorial Hwy	Lake Bloomington	17113C0150D	2/9/2001	Camp Kickapoo, Blk 3, Lot 3	25098 Ron Smith Memorial Hwy	X	Mclean County
170931	03-05-1517A	LOMA	1/14/2003	4/2/2003	2	2000-70-RS	Peoria Point Subdivision, Lot 8; 18273 Teepee Trial	Lake Bloomington	17113C0150D	2/9/2001	Peoria Point Sub. Lot 8 18273 Teepee Trial, Hudson, Il	18273 Teepee Trail	C	Mclean County
170931	03-05-1769A	LOMA	1/29/2003	2/14/2003	2	2000-70-RS	Camp Potawatomie, Blks 12 & 14, Lot 3; 25135 White Owl Lane	Lake Bloomington	17113C0150D	2/9/2001	Camp Potawatomie, Blks 12 & 14, Lot 3	25135 White Owl Lane	X	Mclean County
170931	03-05-2038A	LOMA	2/14/2003	4/30/2003	2	2000-70-RS	Murphy's Subdivision, Lots 1 & 2; 412 East Washington	Rock Creek	17113C0300D	2/9/2001	Murphy's Subdivision To Carlock, Lots 1 And 2	412 Washington Street	C	Mclean County
170931	03-05-2674A	LOMA	3/24/2003	5/21/2003	2	2000-70-R	A Portion Of Section 32, T22n, R1w; Rr One	Sugar Creek	17113C0675D	2/9/2001	A Portion Of Section 32, T22n, R1w; Rr One	Rr One	C	Mclean County

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170931	03-05-3272A	LOMA	5/1/2003	5/23/2003	2	2000-70-RS	Mechanical Devices Subdivision, Lot 1; 2005 G.E. Road	Sugar Creek	17113C0510D	2/9/2001	Mechanical Devices, Blot 1	2005 General Electric Road	B	Mclean County
170931	03-05-3272A	LOMA	5/1/2003	5/23/2003	2	2000-70-RS	Mechanical Devices Subdivision, Lot 1; 2005 G.E. Road	Sugar Creek	17113C0318D	2/9/2001	Mechanical Devices, Blot 1	2005 General Electric Road	B	Mclean County
170931	03-05-3608A	LOMA	5/21/2003	6/18/2003	2	2000-70-RS	Peoria Point, Lot 4; 18306 Tee Pee Trail	Lake Bloomington	17113C0150D	2/9/2001	Peoria Point, Lot 4	18306 Tee Pee Trail	C	Mclean County
170931	03-05-4473A	LOMA	7/17/2003	9/3/2003	2	2000-70-RS	Camp Potawatomie, Block 24, Lot 3; 24847 Nighthawk Road	Lake Bloomington	17113C0150D	2/9/2001	Camp Potawatomie, Blk 24, Lot 3; 24847 Nighthawk Road	24847 Nighthawk Road	C	Mclean County
170931	03-05-5022A	LOMA	8/19/2003	1/14/2004	2	2000-70-NS	Creekview Sub, Lot 5; Rr 1 Box 147	Money Creek	17113C0350D	2/9/2001	Creekview Sub, Lot 5; Rr 1 Box 147	Rural Route 1 Box 147	A	Mclean County
170931	03-05-5501A	LOMA	9/16/2003	10/3/2003	2	2000-70-RS	Camp Potawatamie, Blk 28, Lot 9	Lake Bloomington	17113C0150D	2/9/2001	Camp Pottowatamie, Blk 28, Lot 9	17405 East 2475 North Road	C	Mclean County
170931	04-05-0225A	LOMA	10/14/2003	11/5/2003	2	2000-70-RS	Camp Iroquois Addition, Block 1, Lot 2 & Lot 3; 24777 Thorn Appkle Lane	Lake Bloomington	17113C0150D	2/9/2001	Camp Iriquois Addition, Block 1, E. 1/2 Lot 2 & Lot 3	24777 Thorn Appkle Lane	C	Mclean County
170931	04-05-0560A	LOMA	10/28/2003	3/10/2004	2	2000-70-RS	Beacon Hill Subdivision, 1st Addition, Lot 6; 1320 Beacon Hill Court	North Branch Sugar Creek Trib.	17113C0314D	2/9/2001	Beacon Hill, 1st Add, Lot 6	1320 Beacon Hill Court	C	Mclean County
170931	04-05-0560A	LOMA	10/28/2003	3/10/2004	2	2000-70-RS	Beacon Hill Subdivision, 1st Addition, Lot 6; 1320 Beacon Hill Court	Unnamed Ponding	17113C0314D	2/9/2001	Beacon Hill, 1st Add, Lot 6	1320 Beacon Hill Court	C	Mclean County
170931	04-05-1721A	LOMA	1/16/2004	3/3/2004	2	2000-70-RS	Beacon Hill Subdivision, Lot 3; 1326 Beacon Hill Court	Ponding	17113C0314D	2/9/2001	Beacon Hill Subdivision, Lot 3	1326 Beacon Hill Court	C	Mclean County

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170931	04-05-2505A	LOMA	3/3/2004	3/26/2004	2	2000-70-OS	Section 12, T22n, R1w, 3rd Pm; 6745 North 600 East Road	Sugar Creek	17113C0475D	2/9/2001	Section 12, T22n, R1w	6745 N 600 E Road	C	Mclean County
170931	04-05-3667A	LOMA	5/24/2004	9/8/2004	2		Kickapoo Camp, Lot 17; 25336 Arrowhead	Lake Bloomington	17113C0150D	2/9/2001	Kickapoo Camp, Lot 17; 25336 Arrowhead	25336 Arrowhead	C	Mclean County
170931	04-05-4126A	LOMA	7/7/2004	10/13/2004	2				17113C0150D	2/9/2001	Camp Potowatomie, Lot 1, Block 22	25015 Woodthrush Circle	C	Mclean County
170931	04-05-4459A	LOMA	9/1/2004	11/24/2004	2				17113C0150D	2/9/2001	Wildflower Estates Subdivision, Lots 1 And 2		C	Mclean County
170931	04-05-4482A	LOMA	9/8/2004	10/6/2004	2				17113C0150D	2/9/2001	Camp Iroquois,Blk 2, Lot 1, Blk 1, Lot 9	24763 Thorn Apple Lane	C	Mclean County
170931	05-05-0211A	LOMA	10/14/2004	11/5/2004	2	2000-70-RS	Camp Kickapoo, Block 3, Lot 21 -- 25262 Arrowhead Lane	Lake Bloomington	17113C0150D	2/9/2001	Camp Kickapoo, Block 3, Lot 21	25262 Arrowhead Lane	X	Mclean County
171072	04-05-1291A	LOMA	12/12/2003	2/18/2004	2	2000-70-OS	Village Of Downs, Outlot 8	Kickapoo Creek	17113C0550D	2/9/2001	Village Of Downs, Outlot 8	302 N. Seminary Street	C	Downs, Village Of
171074	03-05-1784A	LOMA	1/29/2003	4/4/2003	2	2000-70-R	P/O Section 28, T23n, R6e; 715 South Main Street	Sangamon River	17113C0600D	2/9/2001	P/O Section 28, T23n, R6e	715 South Main Street	C	Saybrook, Village Of
170490	01-05-0917V	REVALID	2/9/2001	2/10/2001	19		Revalidation Of 12 Cases (See Comments).							Bloomington, City Of
170491	01-05-0918V	REVALID	2/9/2001	2/10/2001	19		Revalidation Of Case Nos. 99-05-6738a & 98-05-3314a							Carlock, Village Of
170495	01-05-0919V	REVALID	2/9/2001	2/10/2001	19		Revalidation Of Case No. 99-05-4612a							Danvers, Village Of

CID	CASE_NUM	LOMC_TYPE	REQ_RECVD	DETERM DATE	DETERMTYPE	FINAL_LTR	PROJ_NAME	FLOOD_SRC	MAP_PANEL	MAP_DATE	PROPDESC	PROPADDR	ZONE	COMNAME
170497	01-05-	REVALID	2/9/2001	2/10/2001	19		Revalidation Of Case No. 97-05-2234a							Heyworth, Village Of
170502	01-05-0922V	REVALID	2/9/2001	2/10/2001	19		Revalidation Of 14 Cases (See Comments).							Normal, Town Of
170931	01-05-0921V	REVALID	2/9/2001	2/10/2001	19		Revalidation Of 10 Cases (See Comments).							Mclean County

Activity 13A – Independent QA/QC Review of DFIRM Production (Non-Revised Areas)

Responsible Mapping Partner: IDNR

Scope: IDNR shall review the DFIRM panels submitted through an internal QA/QC process under Activity 13 to ensure that the new DFIRM panels accurately represent the information shown on the effective FIRMs and FBFMs for the area mapped. FEMA may audit or assist in these activities if deemed to be necessary by the Regional Project Officer. This work shall include, at a minimum, checking the following:

- Cross sections were properly located and oriented as shown on the FIRM or FBFM.
- BFE's are properly located and agree with the BFE's shown on the FIRM.
- Regulatory floodway widths agree with the widths shown on the FIRM or FBFM.
- The 1 and 0.2-percent-annual-chance floodplain boundaries agree with the floodplain boundaries shown on the FIRM and the contour lines, other topographic information, and planimetric information shown on the DFIRM base.
- For coastal studies, setup and run-up height elevations shown on the work map agree with those shown on the data table(s), and still water elevations are shown where coastal and riverine flooding studied in detail join.
- Flood insurance risk zone designations are indicated properly.
- Road and floodplain relationships are maintained for all unrevised areas.
- DFIRM mapping files meet the GIS file and database format requirements specified in FEMA's *Guidelines and Specifications for Flood Hazard Mapping Partners* and conform to those requirements for content and attribution.
- Metadata files describing the DFIRM data include the required information.

Standards: All work under Activity 13A shall be performed in accordance with the standards specified in Section 5.

Deliverables: In accordance with the TSDN format described in described in Appendix M of *Guidelines and Specifications for Flood Hazard Mapping Partner.* , This submittal may occur simultaneously with Activity 10, 10A, 10B, 13, 14, 14A and 14B as shown in the schedule outlined in Section 6. :

- A Summary Report that describes the findings of the QA/QC review noting any deficiencies and how those were resolved.
- An annotated copy of the DFIRM with all questions and/or concerns indicated if necessary.

Appendix M may be downloaded from the FEMA Flood Hazard Mapping Web site at http://www.fema.gov/pdf/fhm/frm_gsam.pdf.

Activity 14 –DFIRM Production (Merging Revised and Non-Revised Information)

Responsible Mapping Partner: IDNR

Scope: Upon completion of the floodplain mapping activities for the revised areas (Activities 10, 10A, and/or 10B) and the DFIRM production for non-revised areas (Activity 13), IDNR shall merge the digital floodplain data into a single, updated DFIRM. This work is to include tie-in of flood hazard information for areas that were not studied as part of the Flood Map Project documented in this MAS. IDNR also shall tie in the revised and non-revised Flood Profiles, floodplain boundaries, and regulatory floodway boundaries with contiguous communities that have DFIRMs produced under Map Mod but were not studied as part of the Flood Map Project documented in this MAS. IDNR shall coordinate with FEMA and those Mapping Partners responsible for Activities 10, 10A, 10B, and 13, as necessary, to resolve any potential tie-in issues.

Standards: All work under Activity 14 shall be performed in accordance with the standards specified in Section 5.

Deliverables: In accordance with the TSDN format described in described in Appendix M of *Guidelines and Specifications for Flood Hazard Mapping Partners.* This submittal may occur simultaneously with Activity 10, 10A, 10B, 11, 13, 13A, 14A and 14B as shown in the schedule outlined in Section 6.

- Digital work maps showing the 1- and 0.2-percent-annual-chance floodplain boundary delineations, regulatory floodway boundary delineations, cross sections, BFE's, flood insurance risk zone labels, and all applicable base map features;
- DFIRM mapping files, prepared in accordance with the requirements in *Guidelines and Specifications for Flood Hazard Mapping Partners*;
- Metadata files describing the DFIRM data, including all required information shown in *Guidelines and Specifications for Flood Hazard Mapping Partners*;
- A Summary Report that describes and provides the results of all automated or manual QA/QC review steps taken during the preparation of the DFIRM.
- Profiles and floodway data tables for streams identified in Activity 10 and updated profiles and floodway data tables as needed for preparation of a countywide FIS; format as documented in Appendix J of *Guidelines and Specifications for Flood Hazard Mapping Partners.*

Appendix M may be downloaded from the FEMA Flood Hazard Mapping Web site at http://www.fema.gov/pdf/fhm/frm_gsam.pdf.

Activity 14A – DFIRM Production (Application of DFIRM Graphics & Database Specifications)

Responsible Mapping Partner: IDNR

Scope: IDNR shall apply the final FEMA DFIRM graphic and database specifications to the DFIRM files produced under Activity 14. This work shall include adding all required annotation, line pattern, area shading, and map collar information (e.g., map borders, title blocks, legends, and notes to user). IDNR will be preparing the database for this project in the Standard format. The database shall be produced in accordance with Appendix L of the Guides and Specifications for Flood Hazard Mapping

Partners. IDNR shall coordinate with those Mapping Partners responsible for Activities 10, 10A, 10B, 13, and 14, as necessary, to resolve any problems that are identified during Activity 14A.

Standards: All work under Activity 14A shall be performed in accordance with the standards specified in Section 5.

Deliverables: In accordance with the TSDN format described in described in Appendix M of *Guidelines and Specifications for Flood Hazard Mapping Partners*, IDNR shall make the following products available to FEMA by uploading the digital data to the MIP or submitting it to the FEMA Regional Office if the MIP is unavailable. This submittal may occur simultaneously with Activity 10, 10A, 10B, 13, 13A, 14, and 14B as shown in the schedule outlined in Section 6. Where paper documentation is required by State Law for Professional certifications, you may submit the paper in addition to a scanned version of the paper for the digital record.

- Digital work maps showing the 1- and 0.2-percent-annual-chance floodplain boundary delineations, regulatory floodway boundary delineations, cross sections, BFE's, flood insurance risk zone labels, and all applicable base map features;
- DFIRM mapping files, prepared in accordance with the requirements in *Guidelines and Specifications for Flood Hazard Mapping Partners*;
- Metadata files describing the DFIRM data, including all required information shown in *Guidelines and Specifications for Flood Hazard Mapping Partners*;
- One complete set of plots of DFIRM panels showing all detailed flood hazard information at a suitable scale; and
- A Summary Report that describes and provides the results of all automated or manual QA/QC review steps taken during the preparation of the DFIRM.
- FEMA Format DFIRM Database or Data Delivery consistent with the FEMA Data Capture Standards –Appendix N of the Guidelines and Specifications for Flood Mapping Partners.

Appendix M may be downloaded from the FEMA Flood Hazard Mapping Web site at http://www.fema.gov/pdf/fhm/frm_gsam.pdf.

Activity 14B – Independent QA/QC Review of DFIRM Product Meeting FEMA Graphics and Database Specifications

Responsible Mapping Partner: IDNR

Scope: Upon completion of the floodplain mapping activities (Activities 10, 10A, and/or 10B) and DFIRM production activities (Activities 13, 14, and 14A), IDNR shall conduct an internal review the DFIRM to ensure it meets current FEMA graphic specifications. In addition, IDNR shall review the DFIRM spatial database to determine if it meets current FEMA database specifications. IDNR shall coordinate with other Mapping Partners, as necessary, to resolve any problems identified during this QA/QC review. FEMA may audit or assist in these activities if deemed to be necessary by the Regional Project Officer. This work shall ensure that the requirements below are met.

- All required DFIRM features are accurately and legibly labeled and follow the examples shown in the FEMA DFIRM specifications. This includes all flood insurance risk zones, BFE's, cross

sections, studied streams, mapped political entities, and all roads within and adjacent to the 1-percent-annual-chance floodplains.

- All DFIRM features are correctly symbolized with the appropriate symbol, line pattern, or area shading and follow the requirements in *Guidelines and Specifications for Flood Hazard Mapping Partners*.
- All map collar information is complete, correct, and follows the requirements specified in *Guidelines and Specifications for Flood Hazard Mapping Partners*.
- DFIRM mapping files are in one of the GIS file and database formats specified in FEMA's *Guidelines and Specifications for Flood Hazard Mapping Partners* and conform to those specifications for content and attribution.
- DFIRM database files are in one of the database formats specified in FEMA's *Guidelines and Specifications for Flood Hazard Mapping Partners* and conform to those specifications for content and attribution.
- Metadata files describing the DFIRM data include all required information shown in *Guidelines and Specifications for Flood Hazard Mapping Partners*.

Standards: All work under Activity 14B shall be performed in accordance with the standards specified in Section 5.

Deliverables: In accordance with the TSDN format described in described in Appendix M of *Guidelines and Specifications for Flood Hazard Mapping Partners*, IDNR shall make the following products available to FEMA by uploading the digital data to the Multi-Hazard Information Platform (MIP) or submitting it to the FEMA Regional Office if the MIP is unavailable. This submittal will occur in accordance with the schedule outlined in Section 6 for this Activity.

- A Summary Report that describes the findings of the QA/QC review noting any deficiencies in or agreeing with the mapping results and the results of all automated or manual QA/QC steps taken during the independent QA/QC review; and a statement as to how problems were resolved.
- An annotated copy of the DFIRM with all questions and/or concerns indicated if necessary.
- If the data changed during the QA/QC process, then the updated deliverables from Activities 10, 10A, 10B and Activities 13, 14, and 14A may be resubmitted at this time.

Appendix M may be downloaded from the FEMA Flood Hazard Mapping Web site at http://www.fema.gov/pdf/fhm/frm_gsam.pdf.

Activity 15 - Preliminary DFIRM and FIS Report Distribution

Responsible Mapping Partners: FEMA (NSP) and IDNR

Scope: Activity 15 consists of the final preparation, review, and distribution of the Preliminary copies of the DFIRM and FIS report for community officials and general public review and comment. FEMA may audit or assist in these activities if deemed to be necessary by the Regional Project Officer. The activities to be performed are summarized below.

Preliminary FIS Compilation: The IDNR will be responsible for merging new and effective FIS text, tables, and profiles and producing one countywide FIS report.

Preliminary Transmittal Letter Preparation: The IDNR shall prepare letters to accompany the Preliminary copies of the DFIRM and FIS report and related enclosures. This letter may be prepared for FEMA only

Final QA/QC Review of Preliminary DFIRM and FIS Report: The NSP shall perform a final QA/QC review of the Preliminary DFIRM and FIS report, including all data tables, Flood Profiles, and other components of the FIS report. The QA/QC review procedures shall be consistent with the *Guidelines and Specifications for Flood Hazard Mapping Partners*.

Discrepancy Resolution: The IDNR shall work to resolve discrepancies identified during the final QA/QC review.

Distribution of Preliminary DFIRM and FIS Report: The IDNR shall distribute by mail or package delivery service the Preliminary copies of the DFIRM and FIS report to all affected communities choosing to receive hardcopy documents and others as directed by FEMA. Additionally, IDNR shall post to a web site the Preliminary DFIRMs and FIS report for viewing by the public, the State NFIP Coordinator, and the FEMA Regional Office, and as an alternate means of collecting public comments.

News Release Preparation: The NSP shall prepare news release notifications of BFE changes for all affected communities if appropriate and perform QA/QC reviews of the notices for accuracy and compliance with FEMA format requirements. The NSP shall file the notifications for later submittal to FEMA for review.

Preliminary Summary of Map Actions (SOMA) Preparation: The IDNR in coordination with the NSP shall prepare Preliminary SOMAs for all affected communities if appropriate. The SOMA shall list pertinent information regarding LOMC's that will be affected by the issuance of the DFIRM (i.e., superseded, incorporated, revalidated).

Standards: All work under Activity 15 shall be performed in accordance with the standards specified in Section 5.

Deliverables: In accordance with the TSDN format described in described in Appendix M of *Guidelines and Specifications for Flood Hazard Mapping Partners* and the requirements documented in Section 1 and Appendix A of the FEMA *Document Control Procedures Manual.* The IDNR shall make the products listed below available to FEMA in accordance with the schedule outlined in Section 6 for this Activity.

- Preliminary transmittal letters shall be prepared and transmitted. These letters shall be prepared in accordance with the current version of the FEMA *Document Control Procedures Manual.*

- Preliminary copies of the DFIRM and FIS report, including all updated data tables and Flood Profiles shall be mailed to the Chief Executive Officer (CEO) and /or floodplain administrator of each affected community choosing to receive hardcopy documents, and others as directed by FEMA. The State NFIP Coordinator and the FEMA Regional Office will be accorded access to the preliminary DFIRM and FIS report via a website posting.

- Preliminary SOMAs, prepared in accordance with FEMA requirements, shall be provided as appropriate.

- Revised DFIRM mapping files, prepared in accordance with the requirements in *Guidelines and Specifications for Flood Hazard Mapping Partners*, shall be provided by uploading the digital data to the MIP or submitting it by using other digital media.

- Revised DFIRM database files, prepared in accordance with the requirements in *Guidelines and Specifications for Flood Hazard Mapping Partners*, shall be provided by uploading the digital data to the MIP or submitting it by using other digital media

- Revised metadata files describing the DFIRM data, including all required information shown in *Guidelines and Specifications for Flood Hazard Mapping Partners*, shall be provided by uploading the digital data to the MIP or submitting it by using other digital media. A Summary Report that describes and provides the results of all automated or manual QA/QC review steps taken during the preparation of the DFIRM shall be provided by the NSP.

Activity 16 - Post-Preliminary Processing

Responsible Mapping Partners: IDNR and FEMA (NSP)

Scope: Activity 16 consists of finalizing the DFIRM and FIS report after the Preliminary copies of the DFIRM and FIS report have been issued to community officials and the public for review and comment. FEMA may audit or assist in these activities if deemed to be necessary by the Regional Project Officer. The activities to be performed are summarized below.

Initiation of Statutory 90-Day Appeal Period: When required, upon completion of a final coordination meeting with the all communities in the project area, FEMA (NSP) and IDNR shall arrange for and verify that the following activities are completed in accordance with the current version of the FEMA *Guidelines and Specifications for Flood Hazard Mapping Partners* and *Document Control Procedures Manual*:

- Proposed BFE determination letters are sent to the community CEOs and floodplain administrators.

- News release notifications of BFE changes are published in prominent newspapers with local circulation in accordance with 44 CFR.

- The NSP shall prepare the appropriate notices (Proposed Rules) are to be published in the *Federal Register*. The NSP shall then deliver those notices to FEMA for publication.

- When FEMA holds public meetings to present and discuss the results of this Flood Map Project, IDNR will attend the meetings and assist in the presentation of the maps.

Resolution of Appeals and Protests: FEMA or its designated contractor and IDNR shall review and resolve appeals and protests received during the 90-day appeal period. For each appeal and protest, the following activities shall be conducted as appropriate:

- Initial processing and acknowledgment of submittal;
- Technical review of submittal;
- Preparation of letter(s) requesting additional supporting data;
- Performance of revised analyses; and
- Preparation of a draft resolution letter for co-signature with FEMA and IDNR and revised DFIRM and FIS report materials for FEMA review.

FEMA's Contractor and/or IDNR shall mail all associated correspondence upon authorization by FEMA.

Preparation of Special Correspondence: IDNR shall support FEMA in responding to comments not received within the 90-day appeal period (referred to as "special correspondence"), including drafting responses for FEMA review when appropriate and finalizing responses for co-signature. IDNR also shall mail the final correspondence (and enclosures if appropriate) and distribute appropriate copies of the correspondence and enclosures upon receipt of authorization from FEMA.

Revision of FIRM and FIS Report: If necessary, IDNR shall work together with FEMA to revise the DFIRM and FIS report and shall distribute Revised Preliminary copies of the DFIRM and FIS report to the CEO and floodplain administrator of each affected community, all other Project Team members, the State NFIP Coordinator, the FEMA Regional Office, and others as directed by FEMA.

Final SOMA Preparation: IDNR shall prepare Final SOMAs for the affected communities as appropriate.

Processing of Letter of Final Determination: The IDNR shall work with FEMA to establish the effective date for the DFIRM and FIS report, and shall prepare a Letter of Final Determination (LFDs) for each affected community for FEMA review in accordance with the FEMA *Document Control Procedures Manual*. They also shall mail the final signed LFDs and enclosures and distribute appropriate copies of the signed LFDs and enclosures upon receipt of authorization from FEMA.

Processing of Final DFIRM and FIS Report for Printing: The IDNR shall prepare final reproduction materials for the DFIRM and FIS report and provide these materials to the FEMA Map Service Center for printing by the U.S. Government Printing Office. The NSP shall prepare the appropriate paperwork to accompany the DFIRM and FIS report (including Print Processing Worksheet, Printing Requisition Forms, and Community Map Actions Form) and transmittal letters to the community CEOs.

Revalidation Letter Processing. The NSP shall prepare and distribute letters for FEMA signature to the community CEOs and floodplain administrators to notify the affected communities about LOMC's for which determinations will remain in effect after the DFIRM and FIS report become effective.

Archiving Data: The NSP shall ensure that technical and administrative support data are packaged in the FEMA required format and stored properly in the library archives until they are transmitted to the FEMA

Engineering Study Data Package Facility. In addition, the NSP will maintain copies of all data for a period of no less than 3 years.

Standards: All work under Activity 16 shall be performed in accordance with the standards specified in Section 5.

Deliverables: In accordance with the TSDN format described in described in Appendix M of *Guidelines and Specifications for Flood Hazard Mapping Partners* and the requirements documented in Section 1 and Appendix A of the FEMA *Document Control Procedures Manual*, FEMA's Contractor and/or IDNR shall make the following products available to FEMA in accordance with the schedule outlined in Section 6 for this Activity:

- Documentation that the news releases were published in accordance with FEMA requirements;
- Documentation that the appropriate *Federal Register* notices (Proposed and Final Rules) were published in accordance with FEMA requirements;
- Draft and final Special Correspondence (and all associated enclosures, backup data, and other related information) for FEMA review and signature as appropriate;
- Draft and final Appeal and Protest acknowledgment, additional data, and resolution letters (and all associated enclosures, backup data, and other related information) for FEMA review and signature as appropriate;
- Draft and final LFDs (and all associated enclosures, backup data, and other related information) for FEMA review and signature;
- DFIRM negatives and final FIS report materials, including all updated data tables and Flood Profiles;
- Paperwork for the final DFIRM and FIS report materials;
- Transmittal letters for the printed DFIRM and FIS report;
- LOMC Revalidation Letters if appropriate; and
- Complete, organized archived technical and administrative support data
- Complete, organized and archived case file and flood elevation docket

SECTION 2—TECHNICAL AND ADMINISTRATIVE SUPPORT DATA SUBMITTAL

The CTP Project Team members for this Flood Map Project that have responsibilities for activities included in this MAS shall comply with the data submittal requirements summarized below.

All supporting documentation for the activities in this Mapping Activity Statement shall be submitted in the TSDN format in accordance with Appendix M of the FEMA *Guidelines and Specifications for Flood*

Hazard Mapping Partners, dated April 2003. Appendix M is available for viewing or downloading on the FEMA Web site at http://www.fema.gov/pdf/fhm/frm_gsam.pdf. Table 2-1 highlights those sections of the TSDN that apply to each mapping activity.

If any issues arise that could affect the completion of an activity within the proposed scope or budget, the responsible Mapping Partner shall complete a Special Problem Report (SPR) as soon as possible after the issue is identified and submitted to FEMA. The SPR is to describe the issue and propose possible resolutions. (For additional information on SPRs, refer to Appendix M, Subsection M.2.1.1 of *Guidelines and Specifications for Flood Hazard Mapping Partners*.)

Table 2-1. Mapping Activities and Applicable TSDN Sections

TSDN Section	Mapping Activities															
	1	2								10, 10A, 10B	11	12	13, 13A	14, 14A	15	16
General Documentation																
Special Problem Reports	X	X								X	X	X	X	X	X	X
Telephone Conversation Reports	X	X								X	X	X	X	X	X	X
Meeting Minutes/Reports	X	X								X	X	X	X	X	X	X
General Correspondence	X	X								X	X	X	X	X	X	X
Engineering Analyses																
Hydrologic Analyses										X	X					
Hydraulic Analyses										X	X					
Key to Cross-Section Labeling										X	X					
Key to Transect Labeling										X	X					
Draft FIS Report																
Mapping Information	X	X								X	X	X	X	X	X	X
Miscellaneous Reference Information	X	X								X	X	X	X	X	X	X

SECTION 3—PERIOD OF PERFORMANCE

The mapping activities outlined in this MAS will begin on July, 15 2005, and will be completed no later than 9-30-07. The mapping activities may be terminated at the option of FEMA or IDNR in accordance with the provisions of the Partnership Agreement dated 4-28-04. If these Mapping Activities are terminated; the remaining funds from uncompleted activities, provided by FEMA for this Mapping Activity Statement, will be returned to FEMA.

SECTION 4—FUNDING/LEVERAGE

[redacted] for the completion of this Flood Map Project. IDNR shall provide any additional resources required to complete the assigned activities for this Flood Map Project. During the scoping process, additional needs may be identified. Activities associated with any additional needs would be performed based on availability of additional funds. More detailed leverage information will be determined during the detailed scoping process and reported back to FEMA at that time.

Table 4-1

Additional work needed to complete project		% of Project	Managed by	FEMA Contribution	CTP Contribution	% Leverage	Total Project Cost
Activity 1	Scoping	10.1%	IDNR, FEMA, NSP	[redacted]	[redacted]	[redacted]	[redacted]
Activity 2	Outreach	3.8%	IDNR	[redacted]	[redacted]	[redacted]	[redacted]
Activity 10	Floodplain Mapping (Detailed Riverine or Coastal Analysis)	0.5%	IDNR	[redacted]	[redacted]	[redacted]	[redacted]
Activity 10A	Floodplain Mapping (Redelineation Using Effective Flood Profiles and Updated Topographic Data)	1.3%	IDNR	[redacted]	[redacted]	[redacted]	[redacted]
Activity 10B	Floodplain Mapping (Refinement or Creation of Zone A)	0%	IDNR	[redacted]	[redacted]	[redacted]	[redacted]
Activity 11	Independent QA/QC Review of Floodplain Mapping (Revised Areas)	0.3%	IDNR	[redacted]	[redacted]	[redacted]	[redacted]
Activity 12	Base Map Acquisition	0.5%	IDNR	[redacted]	[redacted]	[redacted]	[redacted]
Activity 13	DFIRM Production (Non-Revised Areas)	16.7%	IDNR	[redacted]	[redacted]	[redacted]	[redacted]