

### Federal Emergency Management Agency

Washington, D.C. 20472

**April 18, 2002** 

(Originally issued on December 27, 2000)

**MEMORANDUM FOR:** Doug Bellomo, P.E., Project Officer

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Bill Blanton, Project Officer

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[Original Signed]

**FROM:** Matthew B. Miller, P.E., Chief

Hazards Study Branch

**SUBJECT:** Procedure Memorandum 19 - MSC Product Naming Conventions

**Background:** The mapping products prepared by FEMA are tracked and inventoried in a computer system at the Map Service Center. The computer system is titled "Financial, Accounting, Management and Inventory System (FAMIS)."

**Issue:** Currently, there is inconsistency in the naming conventions used for FEMA mapping products. It is important that a commonly defined set of terms and naming conventions be established to facilitate the inventory and tracking of FEMA products. The original issuance of this Procedure Memorandum on December 27, 2000, established new rules for product naming conventions. This issuance outlines a new protocol for using suffixes for product identification and revisions tracking of maps, map indices, and FIS reports.

**New Procedure:** The product naming conventions detailed in the attached April 2002 memorandum titled MSC Product Naming Conventions, shall continue to be used by the Flood Map Production Coordination Contractors (FMPCCs) for all newly created products defined therein. Although the FMPCCs are not required to enact these naming conventions retroactively, these changes shall be reflected on all products sent to the FEMA Map Service Center on or after May 1, 2002, and are expected to used as detailed in the attached memorandum. The significant changes outlined in this version of the memo are:

Suffixes beginning with the letter A will be used for revision tracking of:

- > FHBM and FIRM indexes (including county wide indexes)
- > FIS volumes (including community based and countywide volumes)

cc: see distribution list

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### **Map Service Center (MSC) Product Naming Conventions**

Updated, April 2002

To ensure consistency within product types, FEMA's Map Service Center (MSC) established product-naming conventions. The following outline includes a detailed description of the new Product IDs as designated by the Map Service Center (MSC) as well as former Product IDs. These IDs should be considered the standard and should be used when preparing and releasing any new products on or after the date of this memorandum.

#### PUBLIC FLOOD MAPS

#### FHBM - Flood Hazard Boundary Map

#### **Subtypes:**

#### Flat Maps:

<u>Description</u>: These flat FHBMs are 11" x 17" and are map size code F. If there is more than one page to a community, they are stapled together and considered a multi-page flat map. The index map is the first page of a multi-page flat map. The index map references all other pages by panel number.

ID: 2-digit state FIPS + 4-digit FEMA CID + Suffix (if established)

- > Example Former ID: 280263 A
- > Example New Product ID: 280263A

The flat maps may or may not contain suffixes. Ideally, if a flat map is revised without a suffix, a suffix would be added to the CID so that historical information can be stored about map revisions. No spaces are permitted between the CID and the suffix.

#### **Z-folds:**

<u>Description</u>: The Z-fold FHBMs can be a variety of map size codes from A to E and G. Not all Z-folds have an index, but most do. Those that do not have an index may have a map locator on the panel or may be the only panel printed for a community.

ID: 2-digit state FIPS + 4-digit FEMA CID + 4-digit panel number + Suffix

- > Example Former ID: 010017 0003 A
- > Example New Product ID: 0100170003A

#### **Indexes:**

<u>Description</u>: The Z-fold FHBM Indexes come in map size codes A to E, G and L. The Indexes are similar to Z-fold FHBMs, but can also be size code IL which is a folded 8½" x 11".

ID: 2-digit state FIPS + 4-digit FEMA CID + INDx (IND0..., IND1...) + Suffix

- > Example Former ID: 010017 0001-0011
- > Example New Product ID: 010017IND0A

Single page indexes are identified as IND0; in the case of multiple page indexes, the counting begins at 1, where x is the number of the index for a particular community.

For new or revised indexes, a suffix will be added after the IND0, beginning with suffix A.

#### **Conversion Letters:**

<u>Description</u>: This letter essentially converts a FHBM to FIRM status. Rather than recreate a set of FIRMs for communities currently covered by FHBMs, a conversion letter simply applies FIRM legal status to these maps.

ID: 2-digit state FIPS + 4-digit FEMA CID + 9999 + Suffix (if established)

- > Example Former ID: 010050
- > Example New Product ID: 0100509999

The Map Service Center added the suffix 9999 so that the letter would not be mistaken as a flat map. 9999 was used as a safe identifier since it is likely to never be used as a panel number. The product in this case is the letter itself; the maps will still carry the Former ID that includes the community, panel number, and the appropriate suffix.

#### FIRM – Flood Insurance Rate Map

#### **Subtypes**:

#### Flat Maps:

<u>Description</u>: These flat FIRMs are 11" x 17" and are map size code F. If there is more than one page to a community, they are stapled together and considered a multi-page flat map. The index map is the first page of a multi-page flat map. The index map references all other pages by panel number.

<u>ID</u>: 2-digit state FIPS + 4-digit FEMA CID + Suffix (if available)

- > Example Former ID: 010107 B
- > Example New Product ID: 010107B

The flat maps may or may not contain suffixes. Ideally, if a flat map is revised, a suffix would be added to the CID so that historical information can be stored about map revisions. No spaces are permitted between the CID and the suffix.

#### **Z**-folds:

<u>Description</u>: The Z-fold FIRMs come in map size codes A to E and G.

ID: 2-digit state FIPS + 4-digit FEMA CID + 4-digit panel number + Suffix

- > Example Former ID: 225203 0115 E
- > Example New Product ID: 2252030115E

See Attachments A and B.

#### **Indexes:**

<u>Description</u>: The Z-fold FIRM Indexes come in map size codes A to E, G, and L, similar to Z-folds FIRMs. Not all Z-folds have an index, but most do. Those that do not have an index may have a map locator on the panel or may be the only panel printed for a community. Z-fold indexes can also be size code I L which is a folded  $8\frac{1}{2}$ " x 11".

ID: 2-digit state FIPS + 4-digit FEMA CID + INDx (IND0, IND1...) + Suffix

- > Example Former ID: 040019 0001-4525
- > Example New Product ID: 040019IND0A

Single page indexes are identified as IND0 with the suffix. In the case of multiple index pages, the counting begins at 1, where x is the number of the index sheet for a particular community. The FIRM panel Product ID will also appear in the panel layout grid of z-fold indexes; however, the Product ID will not appear in the grid of the  $8\frac{1}{2}$ " x 11" index.

For new and revised indexes, a suffix will be added after the INDx, beginning with suffix A. See Attachments C and D.

#### **Street Indexes:**

<u>Description</u>: These are legacy products. Separate street indexes are no longer produced in the digital FIRM process, but there is a small collection of street indexes that are still current. These indexes accompany some of the FIRM Z-fold maps, as the street indexes were not printed on the maps themselves.

<u>ID</u>: 2-digit state FIPS + 4-digit FEMA CID + STDx (STD0, STD1...)

- > Example Former ID: 120077 8888
- > Example New Product ID: 120077STD0

In the past, 8881 and 8882 were used for multiple street index sheets. To standardize the indexes, the STD suffix replaced the numeric string and a number designating the index sheet number was added.

#### **Countywide Z-fold FIRMs:**

<u>Description</u>: This format follows a regular grid based on the USGS quarter quads and covers the geographical area within the quad regardless of political boundaries. However, there may be communities that have kept their own community maps or are non-participating communities, or portions thereof, that fall within the countywide mapped area.

ID: 2-digit state FIPS + 3-digit county FIPS Code + C + 4-digit panel number + Suffix.

- > Example Former ID: 01097C 0757 J
- > Example New Product ID: 01097C0757J

The traditional community-based naming convention was modified with this product class. Since a map may represent more than one community, a single community ID could not be used. In its place, the county FIPS code is used along with the letter "C" to indicate the map is a countywide. See Attachments E and F.

#### **Countywide Indexes:**

<u>Description</u>: These are the indexes to the countywide FIRMs. The indexes come in sizes similar to Z-folds and delineate the panel ID and coverage area.

<u>ID</u>: 2-digit state FIPS + 3-digit county FIPS Code + C + INDx (IND0, IND1...) + Suffix

- > Example Former ID: 41039C 0000
- > Example New Product ID: 41039CIND0A

Countywide indexes follow the same conventions as indexes for the conventional community-based index maps. The traditional community-based naming convention was also modified with this product class. Since the index represents more than one community, a single community ID could not be used. In its place, the county FIPS code was used along with the letter "C" to indicate the index is a countywide. The Product ID will also appear in the panel layout grid of the index.

For new or revised indexes, a suffix will be added after the INDx, beginning with suffix A. See Attachments G, H, and I.

#### FIS - FLOOD INSURANCE STUDIES

<u>Description</u>: A FIS is a narrative report that gives supporting information about a community's flood hazards and identifies flooding sources. An FIS consists of text, graphics, flood profiles, and sometimes floodway maps. An FIS is in booklet form and varies in length. Some FISs may consist of multiple volumes. The page sizes also vary.

Most pages are the standard 8 ½" x 11". Flood profiles and some vicinity maps are 11" x 17" in size and fold out from the booklet. Flood Boundary and Floodway Maps (FBFMs) are sometimes included as an exhibit to the FIS. A FIS is always sold as a kit. Unlike public map kit components, FIS components are never sold individually.

#### **Subtypes:**

#### **Community-based study volume:**

Description: These are flood studies performed on a community-wide basis.

<u>ID</u>: 2-digit state FIPS + 4-digit FEMA CID + V + 00x (V000, V001...) + Suffix

- > Example Former ID: 060057
- > Example New Product ID: 060057V000A

To distinguish these products from maps, a "V" for volume was inserted followed by a three-digit volume number starting with 0. A single volume would be V000; multiple volumes would be V001, V002, etc.

For new or revised studies, a suffix should be added after the V00x beginning with suffix A. See Attachment J.

#### Countywide-based study volume:

Description: These are flood studies prepared on a county-wide basis.

ID: 2-digit state FIPS + 3-digit FIPs + C + V + 00x (V000, V001 ...) + Suffix

- > Example Former ID: The front of the study will list all of the floodprone communities and their 6-digit community numbers. The naming convention is a hybrid of the county-wide naming convention plus the "V" and three-digit volume number.
- > Example New Product ID: 54005CV000A

For new or revised studies, a suffix should be added after the V00x beginning with suffix A. See Attachments K and L.

#### **Supplement: (Supplement Wave Height Analysis printed on the cover)**

Description: These are supplements to the original FIS reports.

ID: 2-digit state FIPS + 4-digit FEMA CID + S + 00x (S000)

- > Example Former ID: 345302
- > Example New Product ID: 345302S000

To distinguish these products from the FIS V000, an "S" for supplement replaces the "V," and is then followed by a three-digit supplement number starting with 0.

#### FBFM – Flood Boundary Floodway Map (Floodway Map)

<u>Description</u>: These are the companion maps that go with the study. They contain delineation of the regulatory floodway and cross sections used in the studies. They are not sold or distributed separately from the study.

#### **Subtypes:**

#### Flat Maps:

ID: 2-digit state FIPS + 4-digit FEMA CID + FLAT

- > Example Former ID: 530198
- > Example New Product ID: 530198FLAT

As in many other products, the suffix "FLAT" was added to distinguish this type of map from others types such as FHBMs or FIRMs.

#### **Z**-folds:

<u>ID</u>: 2-digit state FIPS + 4-digit FEMA CID + 4-digit panel number

- > Example Former ID: 445395 0001
- > Example New Product ID: 4453950001FA

Suffixes were not stored as part of the Product IDs in the past. No spaces are permitted between the CID and the suffix. The legacy products will not be changed. For revised floodway panels, a suffix shall be added after the letter F, beginning with suffix A. See Attachment M.

#### **Indexes:**

ID: 2-digit state FIPS + 4-digit FEMA CID + FNDx (FND0.., FND1..,)

- > Example Former ID: 445395 0001-0004
- > Example New Product ID: 44395FND0A

To distinguish floodway indexes from other types of indexes, the FNDx suffix was added to the state and community ID where x is the number of the index for a particular community. Single page indexes, are identified as FND0; in the case of multiple page indexes the counting begins at 1 where x is the number of the index for a particular community. These indexes will only be produced for Partial Map Initiatives revisions.

For revised floodway indexes, a suffix will be added after the FND0, beginning with suffix A. See Attachment N.

#### **Naming Conventions of Other MSC Products**

#### **Q3** Digital Flood Data

- ID: Q3DISK + CD#
  - > Example Former ID: Q3 Flood Data Disc 1
  - > Example New Product ID: Q3DISK1

#### CBRAQ3 - Coastal Barrier Resources System Digital Flood Data

- ID: O3CBRADISK + CD#
  - Example Former ID: CBRA Q3 Flood Data Disc 1
  - > Example New Product ID: Q3CBRADISK1

#### **LOMC Subscription**

<u>ID</u>: LOMC- + SUB (for subscription) or V### (for back issue CD volumes) or PAPER

(for back issue paper copy)

Yearly Subscription LOMC-SUB Back Issue – CD-ROM LOMC-V03I7 Back Issue Paper LOMC-PAPER

#### FMSIS - Flood Map Status Information System

<u>ID</u>: State FIPS + -FMSIS- + SI (for Single Issue) or SUB (For subscription)

Single Issues/Single State: 01-FMSIS-SI
Single Issue/All States: US-FMSIS-SI
Yearly Issue/Single State: 01-FMSIS-SUB
Yearly Issue/All States: US-FMSIS-SUB

#### **CSB – Community Status Book**

ID: State FIPS + -CSB- + SI (for Single Issue) or SUB (For subscription)

Single Issues/Single State: 01-CSB-SI
Single Issue/All States: US-CSB-SI
Yearly Issue/Single State: 01-CSB-SUB
Yearly Issue/All States: US-CSB-SUB

#### NFIP Manual – National Flood Insurance Program Manual

ID: NFIP- + component number (Full Manual)

NFIP- + PE- + component number (Producer's Edition)

NFIP-KIT

NFIP-PE-KIT

NFIP-220

NFIP-251

NFIP-253

NFIP-254 NFIP-PE-255 NFIP-PE-257 NFIP-PE-259

#### **Community Map Action List**

<u>ID</u>: CMAL



#### PANEL 0001 C

## FIRM FLOOD INSURANCE RATE MAP

VILLAGE OF
COLD BROOK,
NEW YORK
HERKIMER COUNTY

#### **ONLY PANEL PRINTED**

**CONTAINS:** 

COMMUNITY NUMBER PANEL SUFFIX

COLD BROOK, VILLAGE OF 360298 0001 C

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.



MAP NUMBER 3602980001C

MAP REVISED DECEMBER 20, 2000

Federal Emergency Management Agency

#### Attachment A



#### PANEL 0004 C

## FIRM FLOOD INSURANCE RATE MAP

TOWNSHIP OF
MANOR,
PENNSYLVANIA
LANCASTER COUNTY

#### PANEL 4 OF 13

(SEE MAP INDEX FOR FIRM PANEL LAYOUT) CONTAINS:

COMMUNITY NUMBER PANEL SUFFIX
MANOR, TOWNSHIP OF 420557 0004 C

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

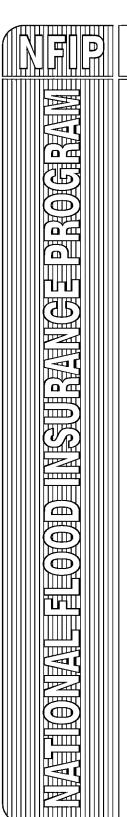


MAP NUMBER 4205570004C

MAP REVISED SEPTEMBER 22, 1999

Federal Emergency Management Agency

#### **Attachment B**



### FIRM FLOOD INSURANCE RATE MAP

CITY OF
ALLAGASH,
MAINE
AROOSTOOK COUNTY

### MAP INDEX

**PANELS PRINTED:** 10, 20, 40, 65, 80 85, 101, 102, 105, 106, 107, 108, 109, 115 130

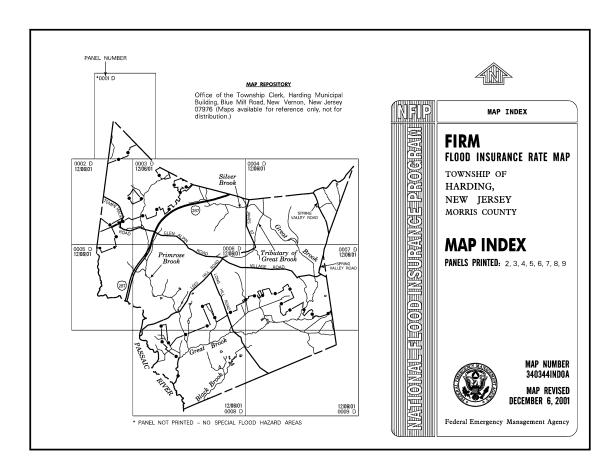


MAP NUMBER 230440INDOA

MAP REVISED SEPTEMBER 22, 1999

Federal Emergency Management Agency

#### Attachment C



**Attachment D** 



#### PANEL 0038 D

# FIRM FLOOD INSURANCE RATE MAP FLOOD COUNTY, USA

AND INCORPORATED AREAS

#### **PANEL 38 OF 40**

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	<u>NUMBER</u>	PANEL	SUFFIX
FLOOD COUNTY	990099	0038	D
FLOODVILLE, TOWN OF	990098	0038	D

#### -NOTE-

THIS MAP INCORPORATES APPROXIMATE BOUNDARIES OF COASTAL BARRIER RESOURCES SYSTEM UNITS AND/OR OTHERWISE PROTECTED AREAS ESTABLISHED UNDER THE COASTAL BARRIER IMPROVEMENT ACT OF 1990 (PL 101–591).

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.



MAP NUMBER 99009C0038D

EFFECTIVE DATE AUGUST 19, 1998

Federal Emergency Management Agency

#### Attachment E



#### PANEL 0333 C

# FIRM FLOOD INSURANCE RATE MAP

PIKE COUNTY,
PENNSYLVANIA
(ALL JURISDICTIONS)

#### **PANEL 333 OF 530**

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)
CONTAINS:

COMMUNITY	<u>NUMBER</u>	<u>PANEL</u>	SUFFIX
DINGMAN, TOWNSHIP OF	421964	0333	С
MILFORD, BOROUGH OF	420759	0333	С
MILFORD, TOWNSHIP OF	422642	0333	С
WESTFALL, TOWNSHIP OF	421970	0333	С

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.



MAP NUMBER 42103C0333C

EFFECTIVE DATE OCTOBER 6, 2000

Federal Emergency Management Agency

Attachment F



# FIRM FLOOD INSURANCE RATE MAP

PIKE COUNTY,
PENNSYLVANIA
(ALL JURISDICTIONS)

(SEE LISTING OF COMMUNITIES TABLE)

### MAP INDEX

**PANELS PRINTED:** 30, 35, 40, 45, 65, 90, 95, 110, 115, 120, 130, 135, 140, 155, 159, 160, 165, 167, 170, 178, 179, 183, 186, 187, 191, 192, 211, 213, 214, 230, 235, 240, 245, 255, 260, 265, 270, 280, 285, 290, 295, 305, 310, 315, 320, 330, 332, 333, 334, 337, 339, 340, 341, 351, 352, 380, 385, 410, 420, 430, 435, 440, 445, 455, 460, 465, 470, 480, 510, 530



MAP NUMBER 42103CINDOA

EFFECTIVE DATE OCTOBER 6, 2000

Federal Emergency Management Agency

#### Attachment G



### **FIRM**

#### FLOOD INSURANCE RATE MAP

LAKE COUNTY,
ILLINOIS
AND INCORPORATED AREAS

# MAP INDEX SHEET 1 OF 2

**PANELS PRINTED:** 5, 10, 15, 19, 20, 26, 27, 28, 29, 32, 34, 35, 36, 37, 38, 39, 41, 42, 43, 44, 55, 56, 57, 58, 59, 61, 62, 63, 64, 66, 67, 68, 69, 76, 77, 78, 79, 81, 85, 86, 87, 88, 89, 95, 105, 110, 126, 127, 128, 129, 131, 132, 133, 134, 153, 154, 155, 156, 157, 158, 159, 177, 180

(SEE SHEET 2 FOR ADDITIONAL PANELS PRINTED)



MAP NUMBER 17097CIND1B

MAP REVISED OCTOBER 6, 2000

Federal Emergency Management Agency

#### Attachment H



### **FIRM**

#### FLOOD INSURANCE RATE MAP

LAKE COUNTY,
ILLINOIS
AND INCORPORATED AREAS

# MAP INDEX SHEET 2 OF 2

**PANELS PRINTED:** 112, 114, 116, 117, 118, 119, 137, 139, 140, 141, 142, 143, 144, 161, 162, 163, 164, 166, 167, 168, 169, 186, 188, 190, 205, 206, 207, 208, 209, 215, 216, 217, 219, 226, 227, 228, 229, 231, 232, 233, 234, 236, 237, 238, 241, 242, 251, 252, 253, 254, 256, 257, 258, 259

(SEE SHEET 1 FOR ADDITIONAL PANELS PRINTED)



MAP NUMBER 17097CIND2B

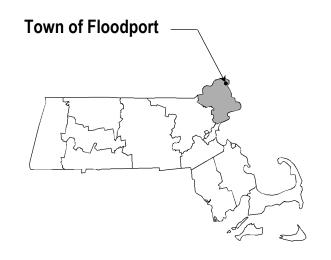
MAP REVISED OCTOBER 6, 2000

Federal Emergency Management Agency

#### Attachment I



# TOWN OF FLOODPORT, MASSACHUSETTS FLOOD COUNTY



REVISED: SEPTEMBER 4, 2002



### Federal Emergency Management Agency

FLOOD INSURANCE STUDY NUMBER 259999V000A Attachment J



# BALDWIN COUNTY, ALABAMA AND INCORPORATED AREAS

COMMUNITY	COMMUNITY	COMMUNITY	COMMUNITY
NAME	NUMBER	NAME	NUMBER
BALDWIN COUNTY (UNINCORPORATED AREAS) BAY MINETTE, CITY OF DAPHNE, CITY OF FAIRHOPE, CITY OF FOLEY, CITY OF GULF SHORES, CITY OF LOXLEY, TOWN OF ORANGE BEACH, CITY OF	015000 010004 010005 010006 010007 015005 010009 015011	ROBERTSDALE, CITY OF SILVERHILL, TOWN OF SPANISH FORT, CITY OF SUMMERDALE, TOWN OF	010222 010010 010429 010328



JUNE 17, 2002



### Federal Emergency Management Agency

FLOOD INSURANCE STUDY NUMBER 01003CV001A Attachment K



# BALDWIN COUNTY, ALABAMA AND INCORPORATED AREAS

COMMUNITY	COMMUNITY	COMMUNITY	COMMUNITY
NAME	NUMBER	NAME	NUMBER
BALDWIN COUNTY (UNINCORPORATED AREAS) BAY MINETTE, CITY OF DAPHNE, CITY OF FAIRHOPE, CITY OF FOLEY, CITY OF GULF SHORES, CITY OF LOXLEY, TOWN OF ORANGE BEACH, CITY OF	015000 010004 010005 010006 010007 015005 010009 015011	ROBERTSDALE, CITY OF SILVERHILL, TOWN OF SPANISH FORT, CITY OF SUMMERDALE, TOWN OF	010222 010010 010429 010328



Baldwin County

JUNE 17, 2002



### Federal Emergency Management Agency

FLOOD INSURANCE STUDY NUMBER 01003CV002A Attachment L



# FLOODWAY FLOOD BOUNDARY AND FLOODWAY MAP

TOWN OF LOCKPORT, NEW YORK NIAGARA COUNTY

**PANEL 37 OF 39** 

(SEE MAP INDEX FOR PANELS NOT PRINTED)

COMMUNITY-PANEL NUMBER 3610130037FA

MAP REVISED: FEBRUARY 19, 1992

Federal Emergency Management Agency

**Attachment M** 

NATIONAL FLOOD INSURANCE PROGRAM **FLOODWAY** FLOOD BOUNDARY AND FLOODWAY MAP **TOWN OF PARADISE** VALLEY, **ARIZONA** MARICOPA COUNTY AP INDEX PANELS PRINTED: 1670, 1680, 1690, 1695 **COMMUNITY-PANEL NUMBER** 040049FND0A MAP REVISED: JUNE 19, 1985

Attachment N

Federal Emergency Management Agency