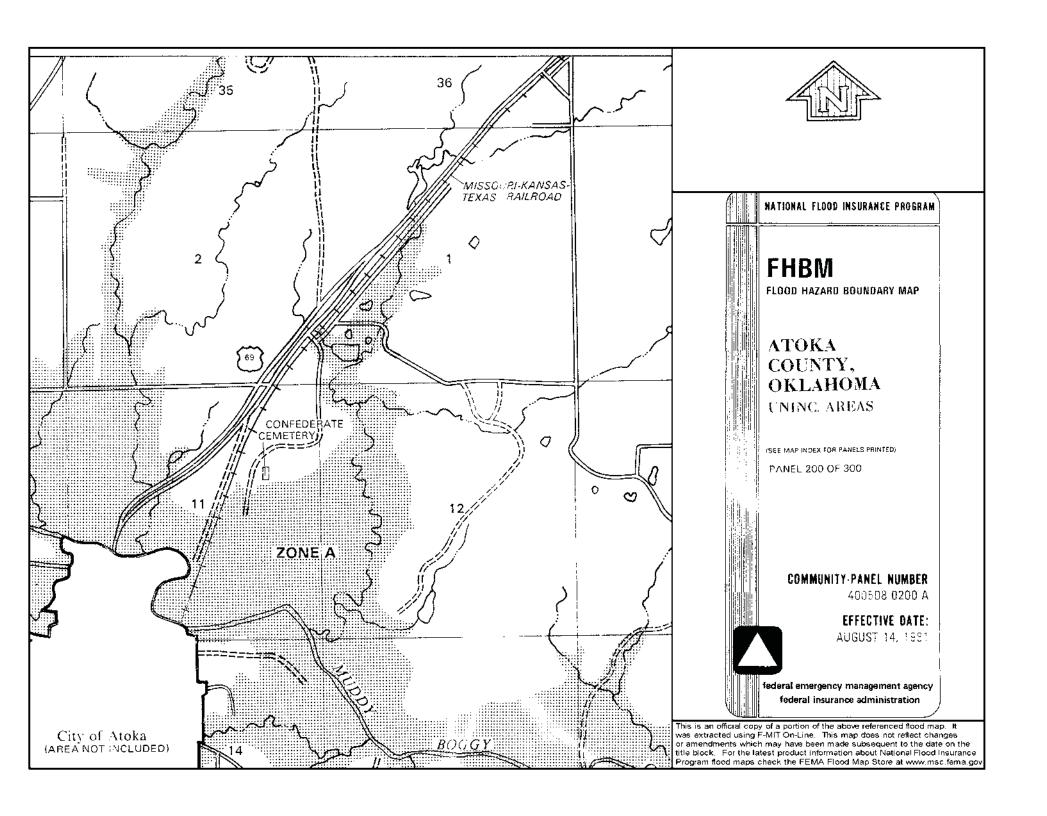
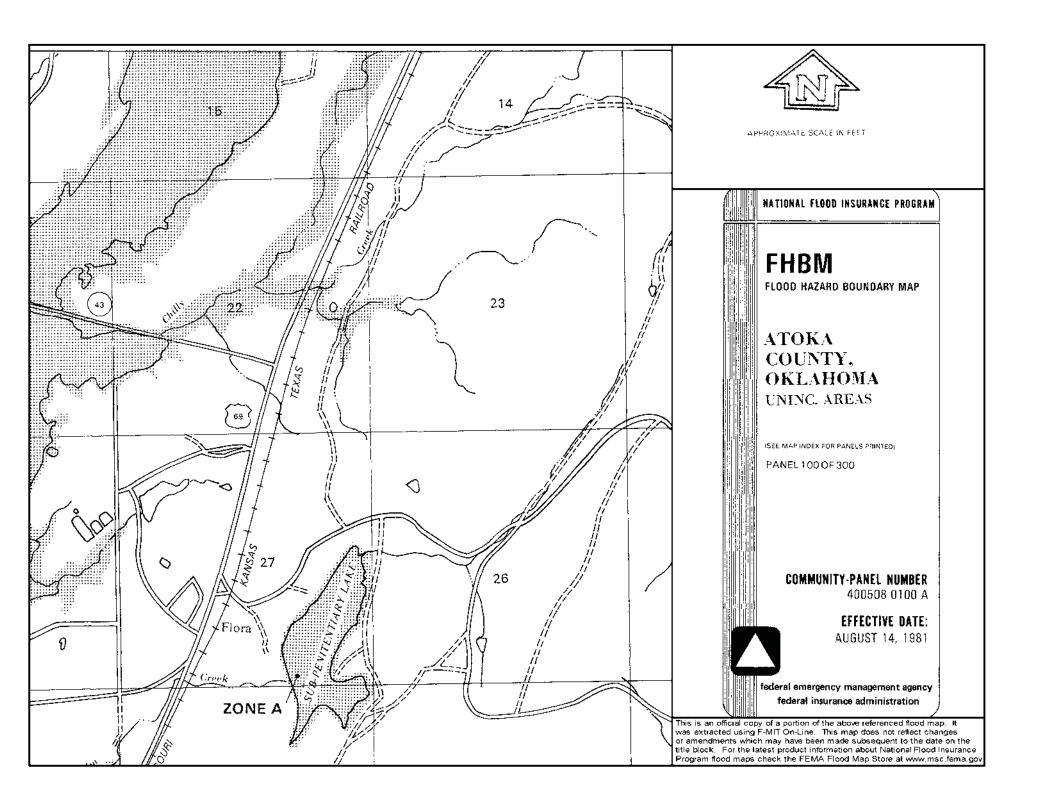
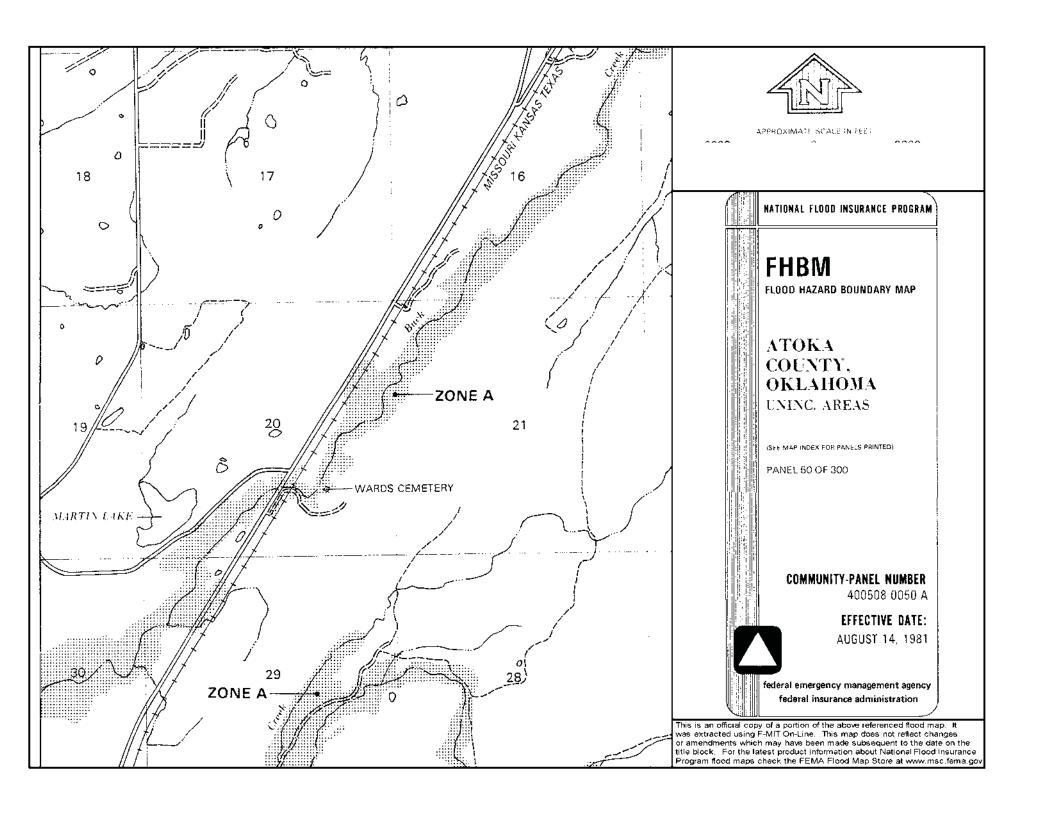
Floodplains: Describe whether or not any facility(ies) or site(s) is located within a 100 or 500-year floodplain. Information related to floodplains and National Flood Insurance Maps may be obtained from the Federal Emergency Management Agency's (FEMA) website:

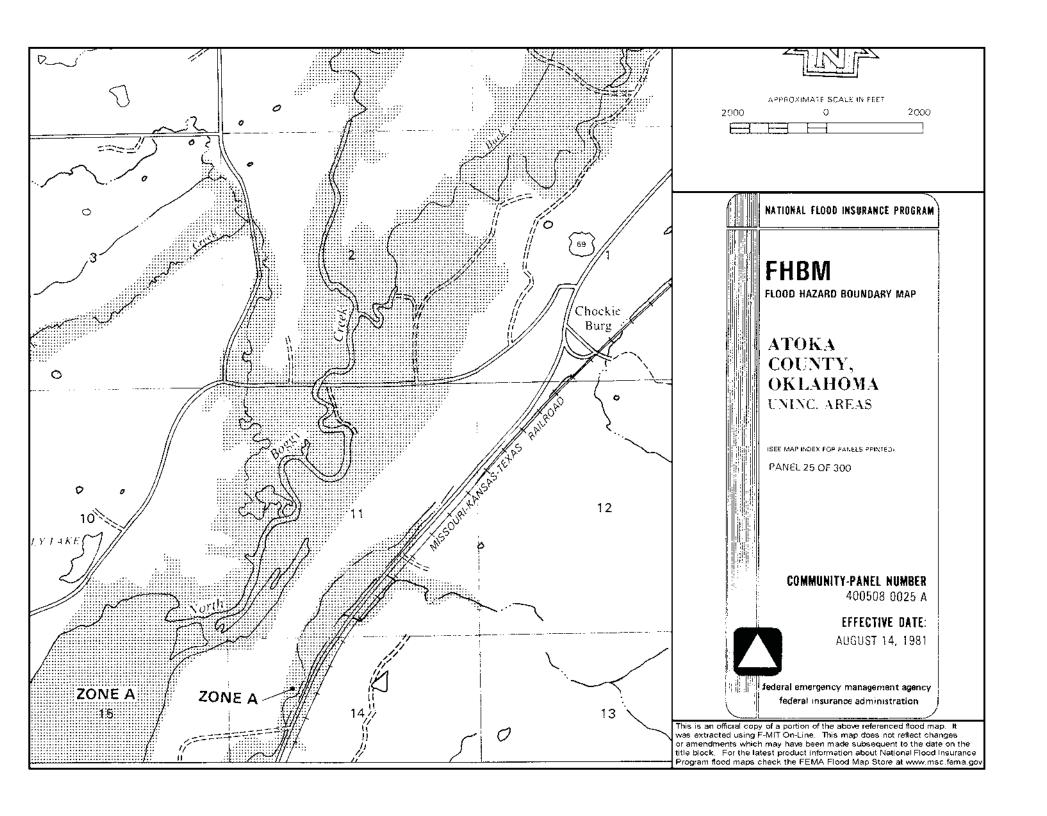
http://msc.fema.gov/webapp/wcs/stores/servlet/FemaWelcomeView?storeId=100 01&catalogId=10001&langId=-1.

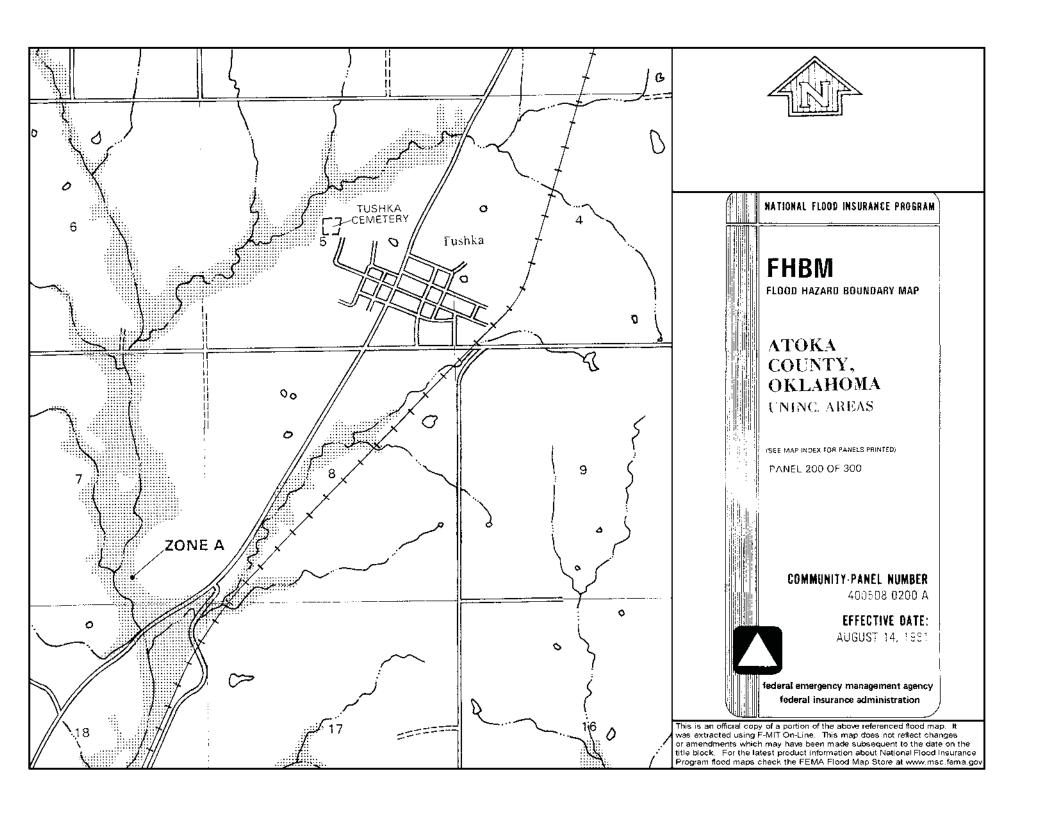
If any project-related construction activities are within floodplains, a copy of the FEMA, "FIRMette" with construction activities depicted on the map must be included. ATTACHEMENTS

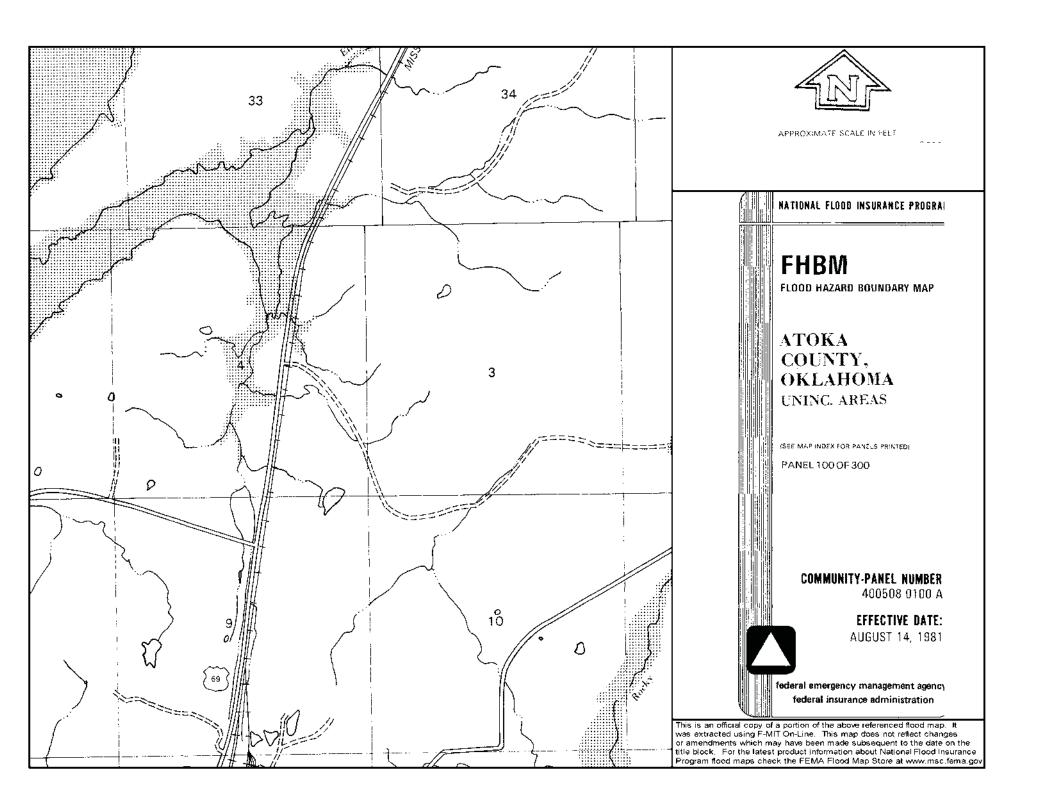


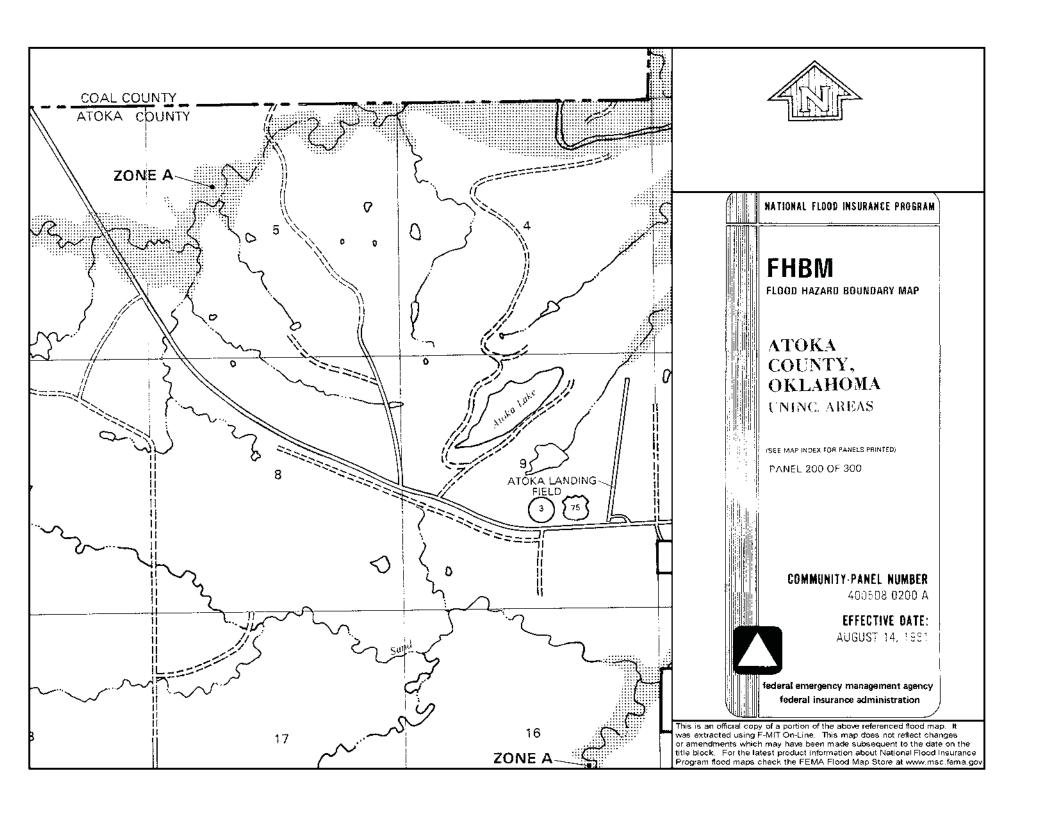


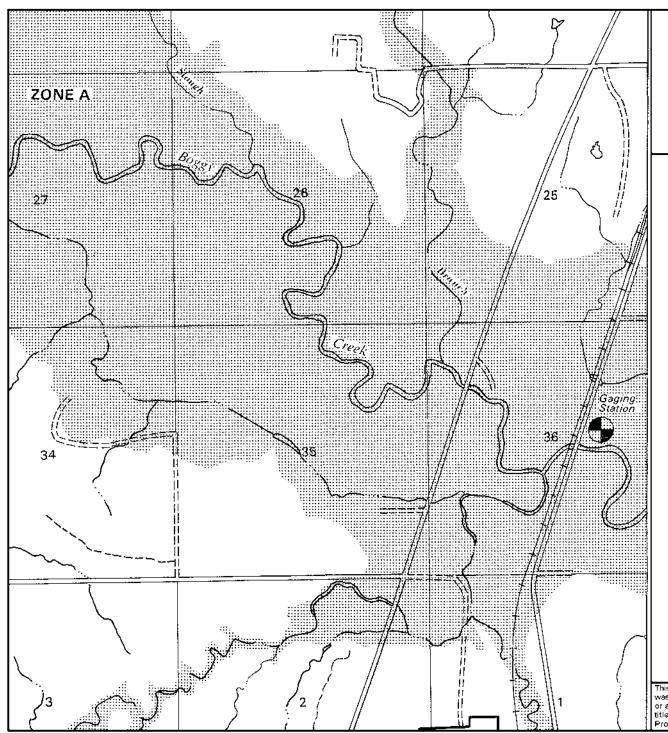






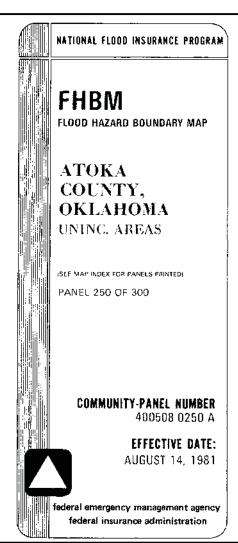




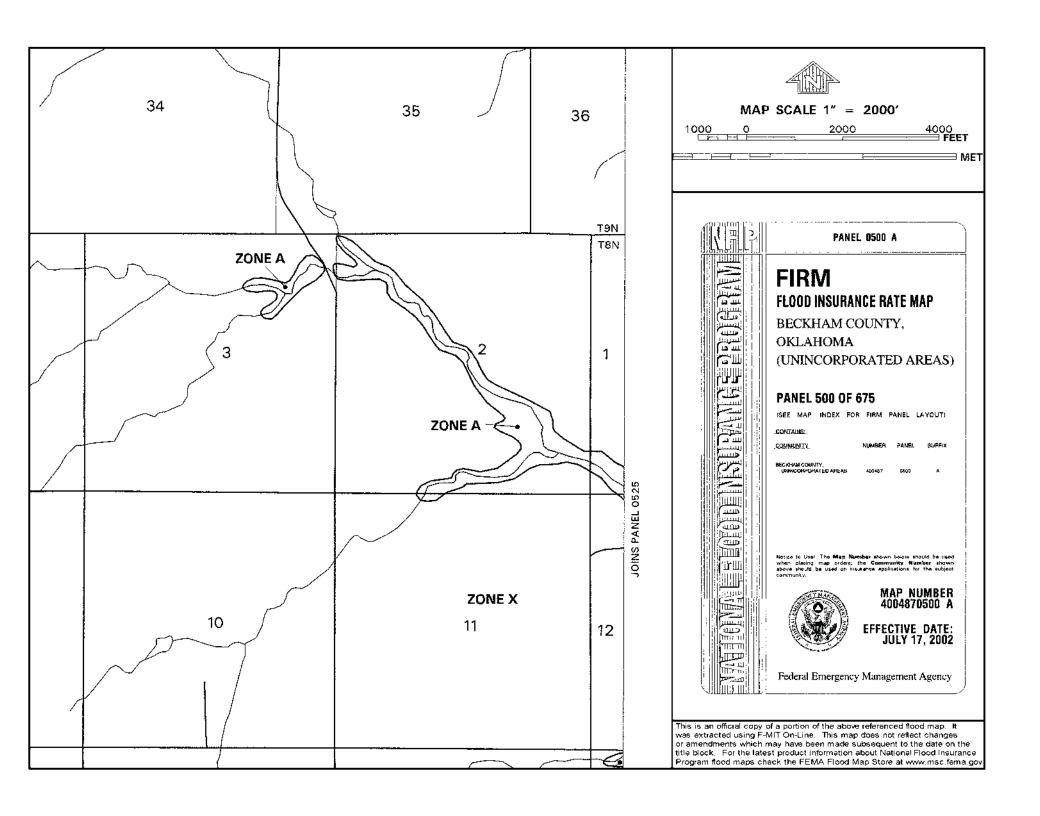


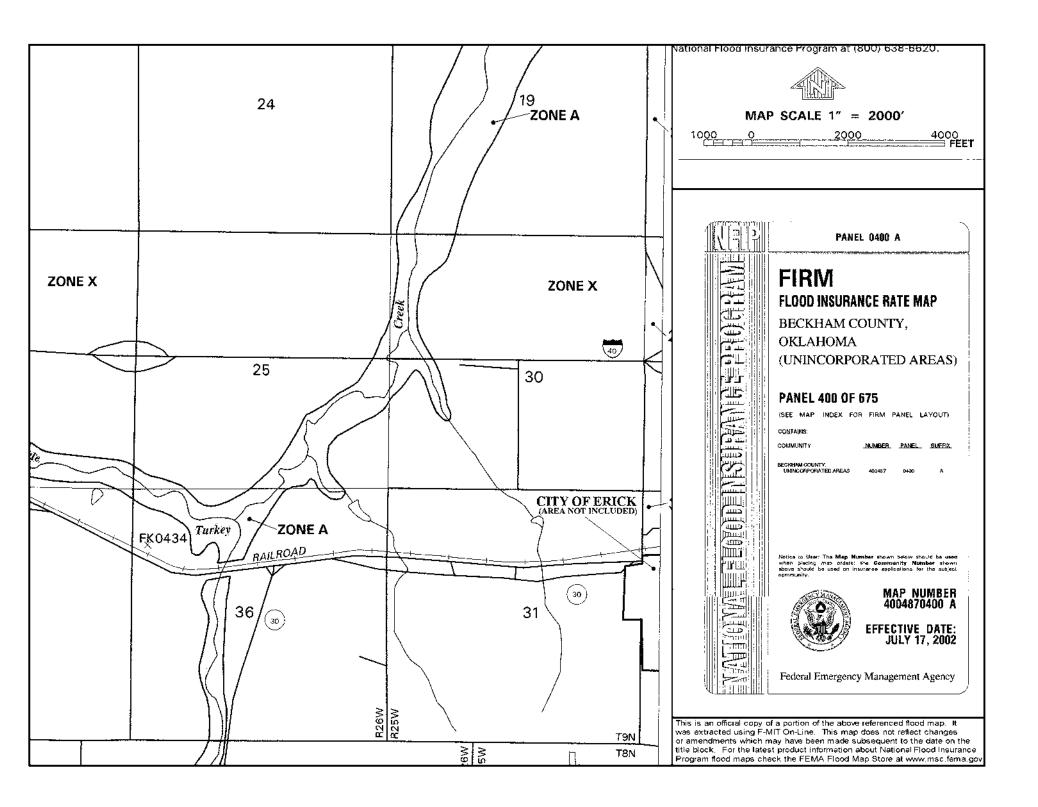


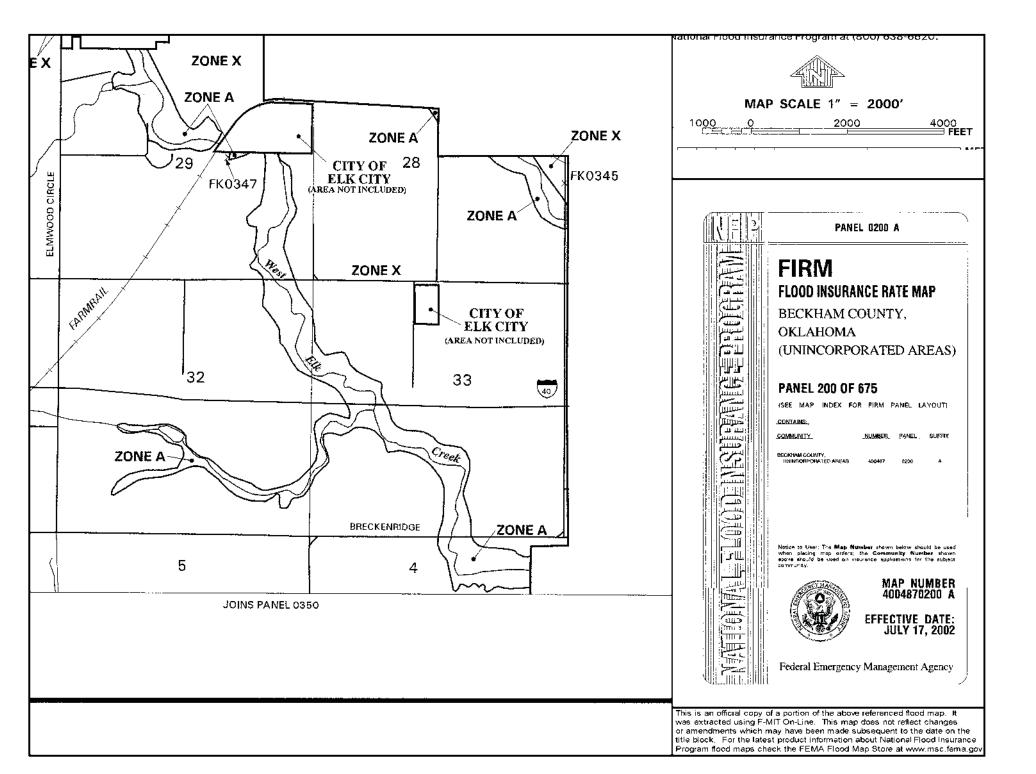
APPROXIMATE SCALE IN FEET

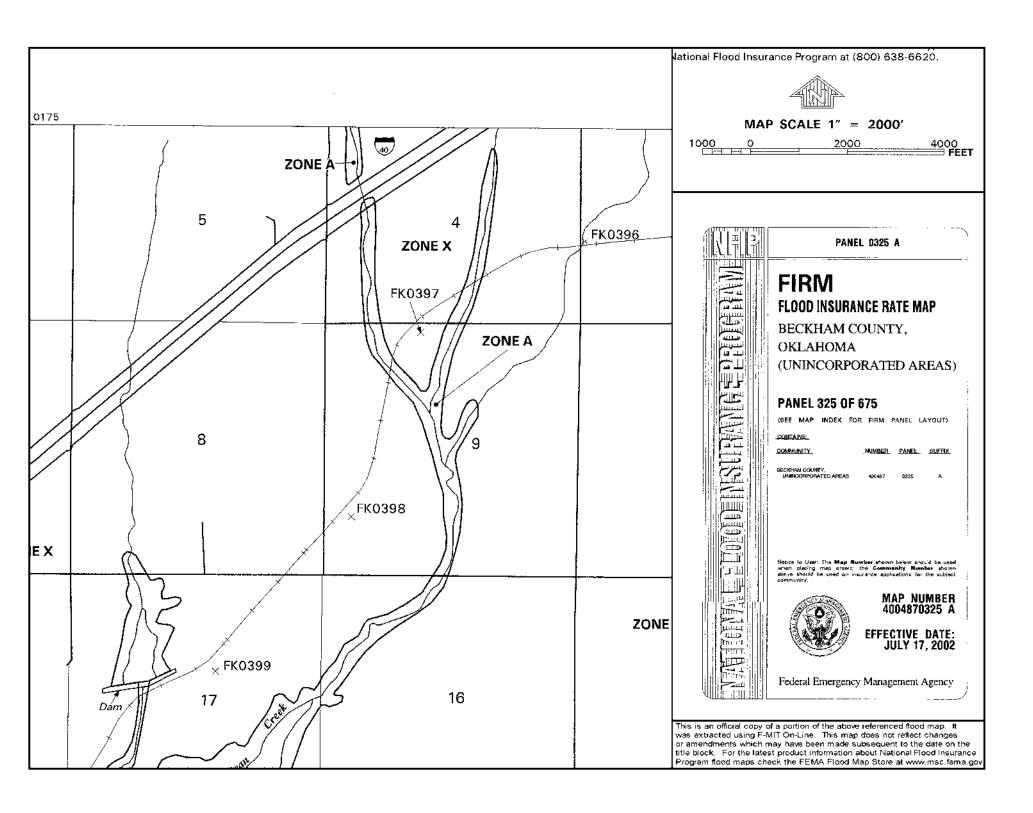


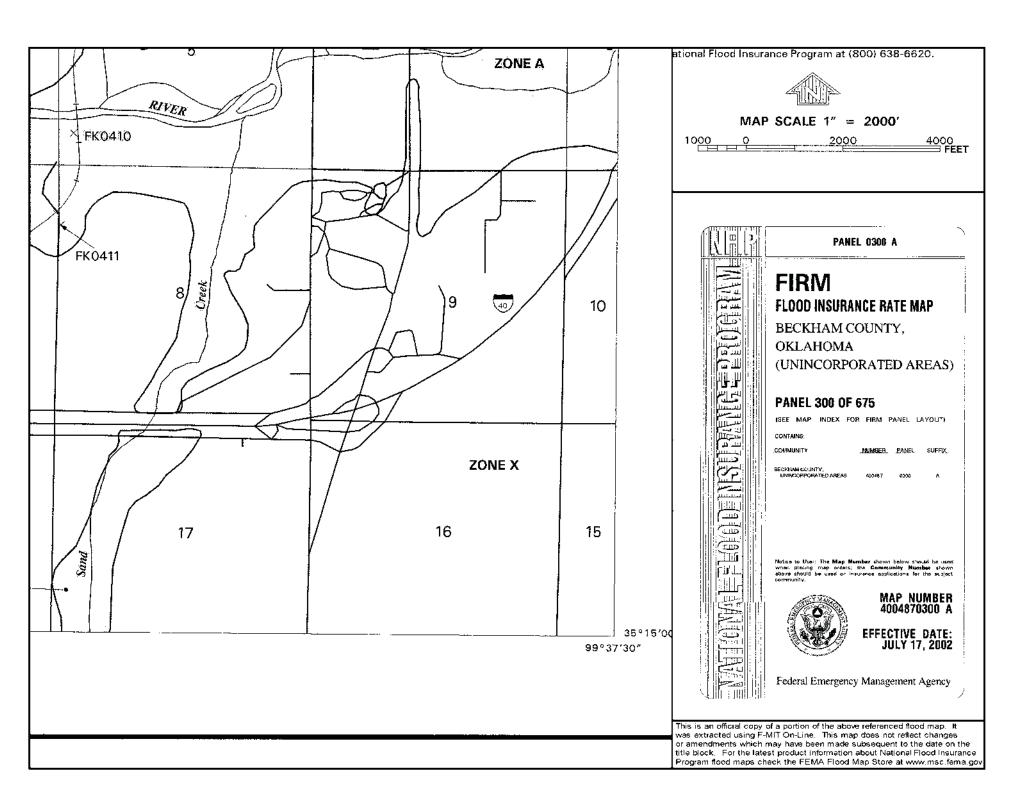
This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

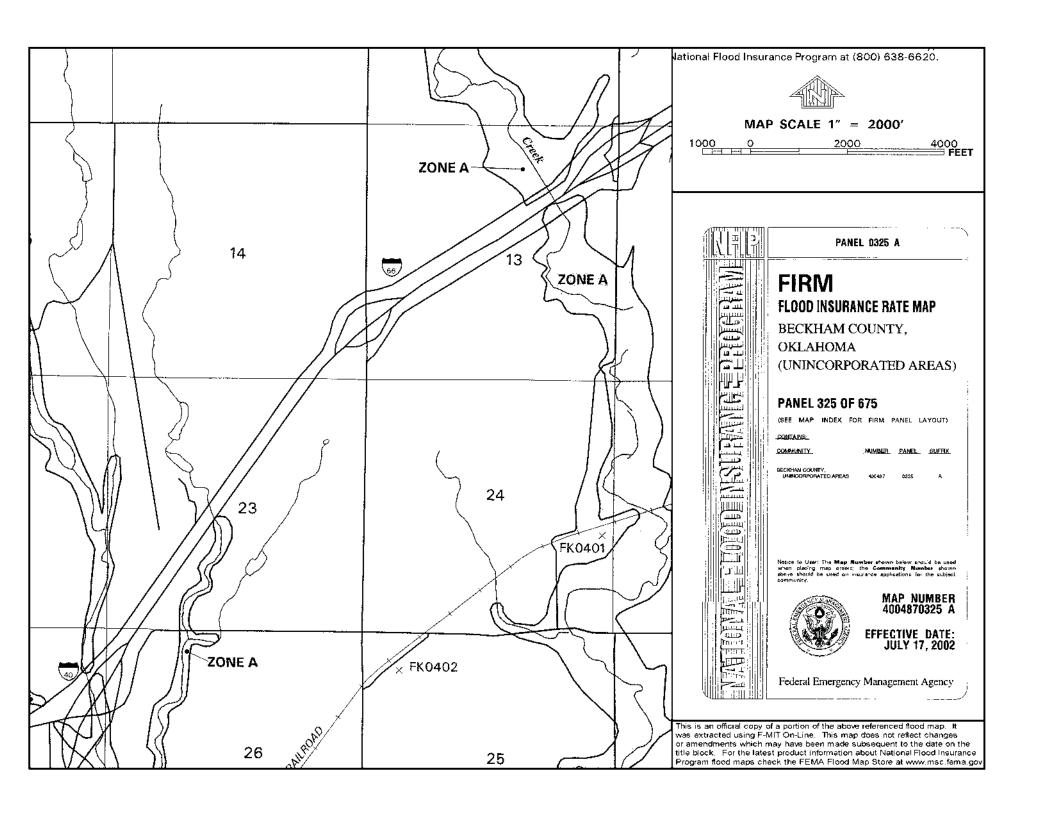


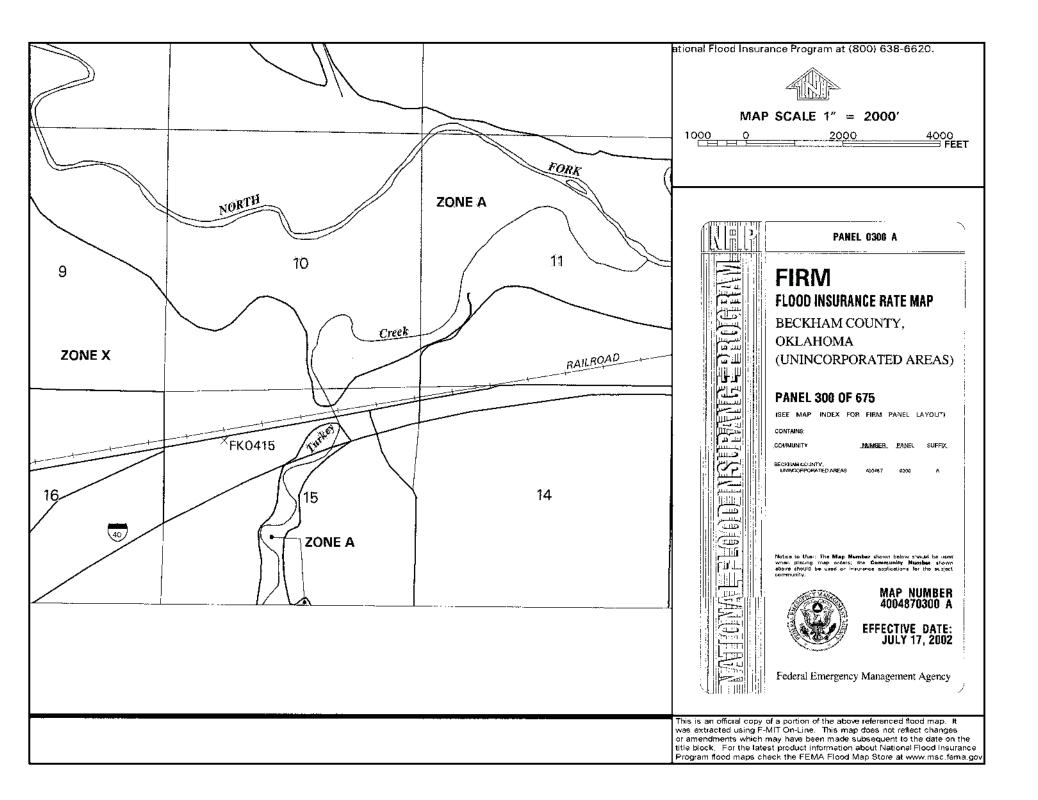


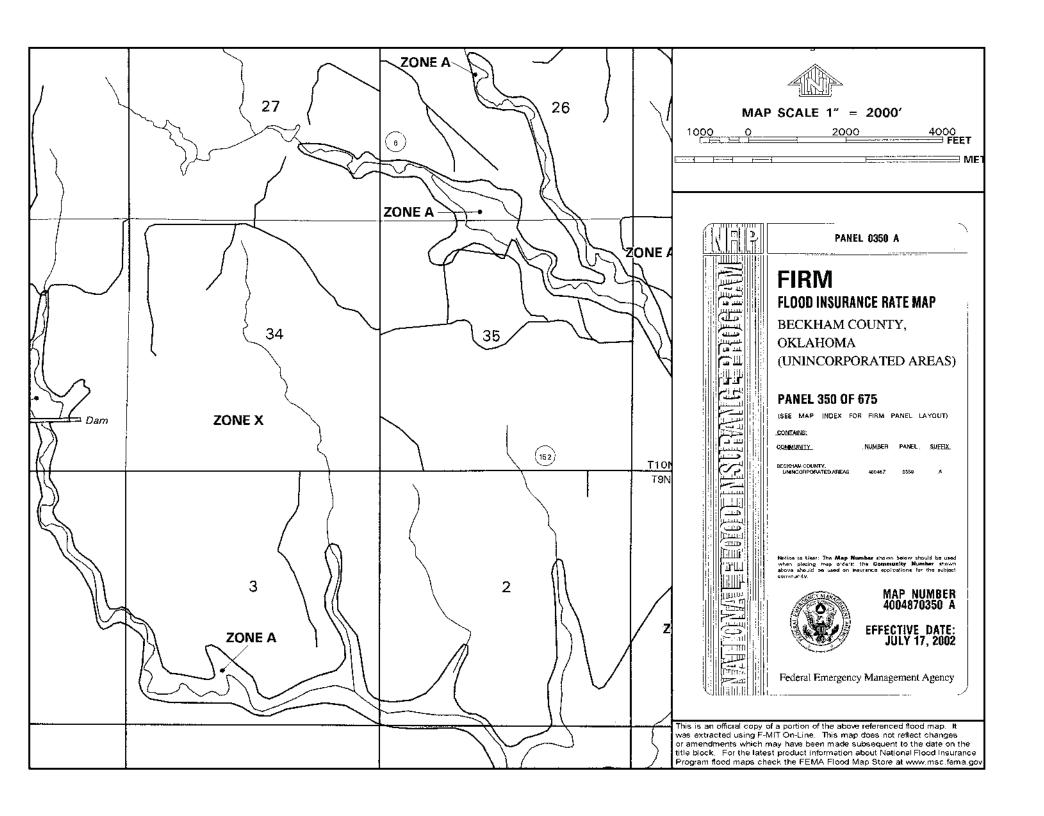


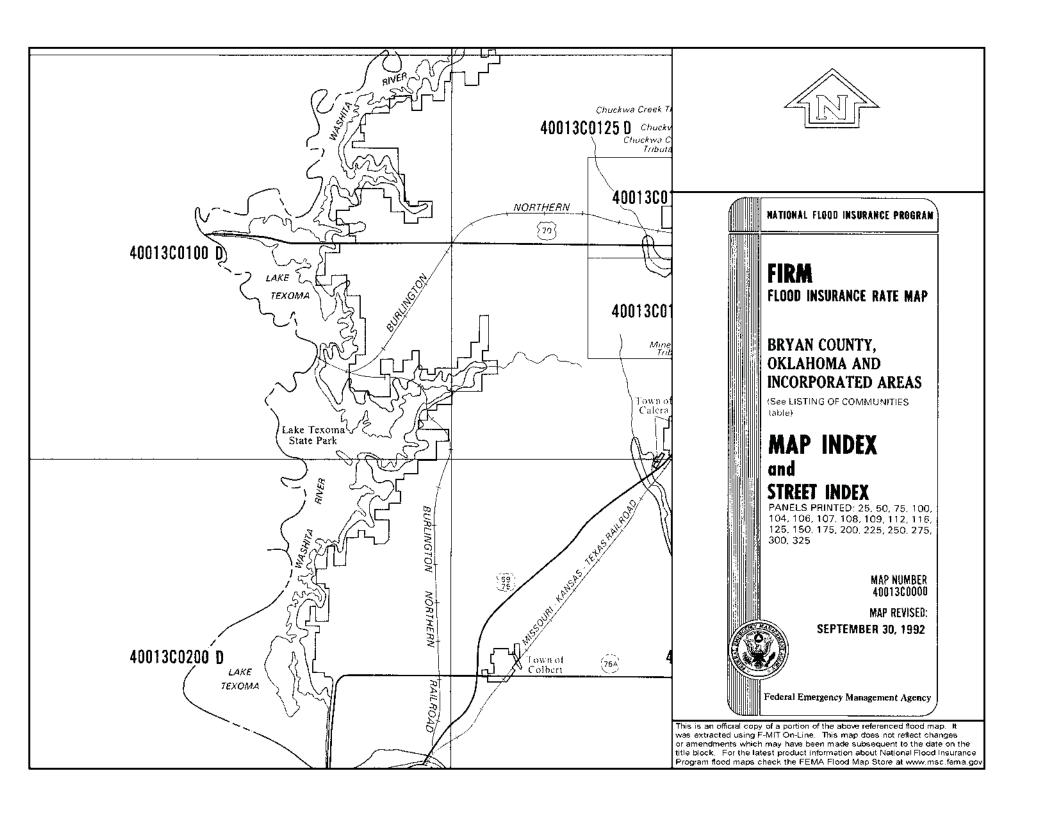


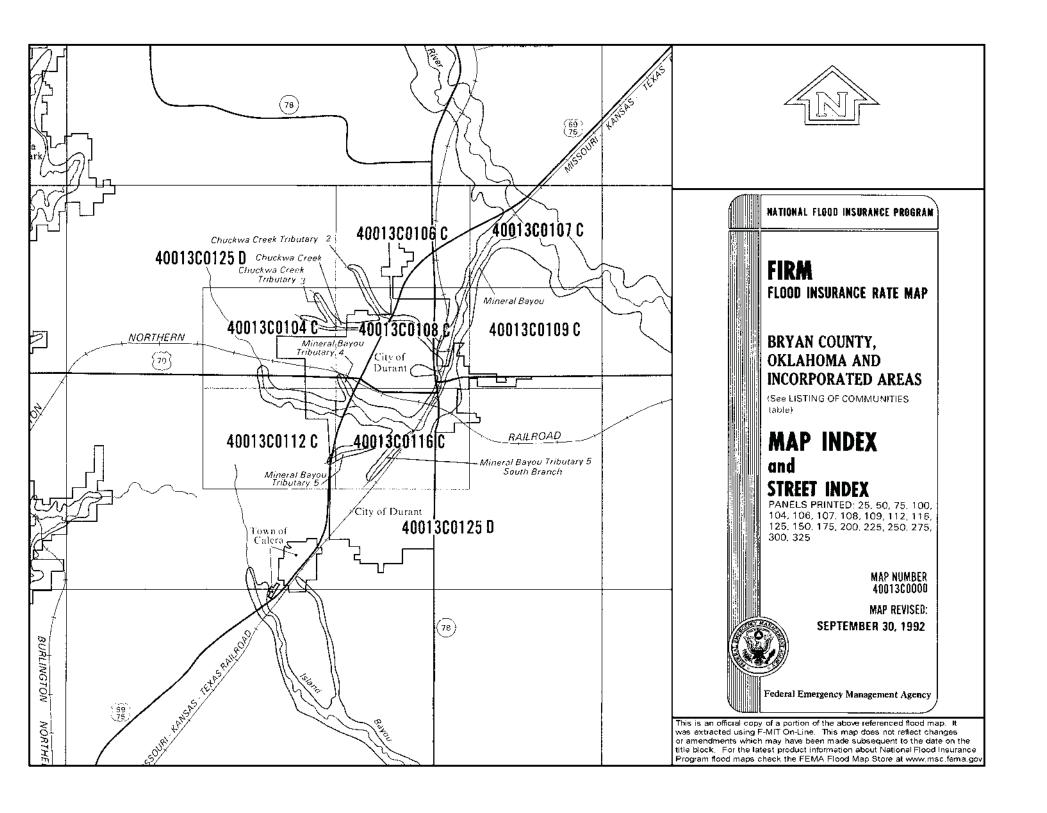


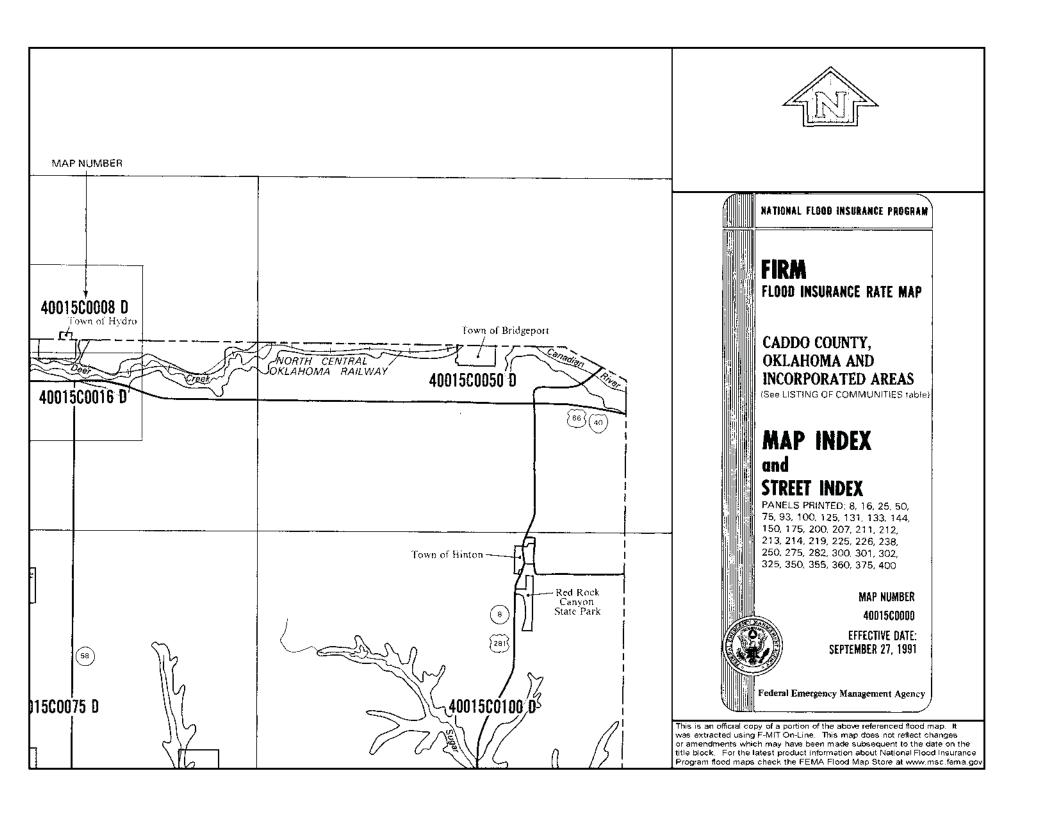


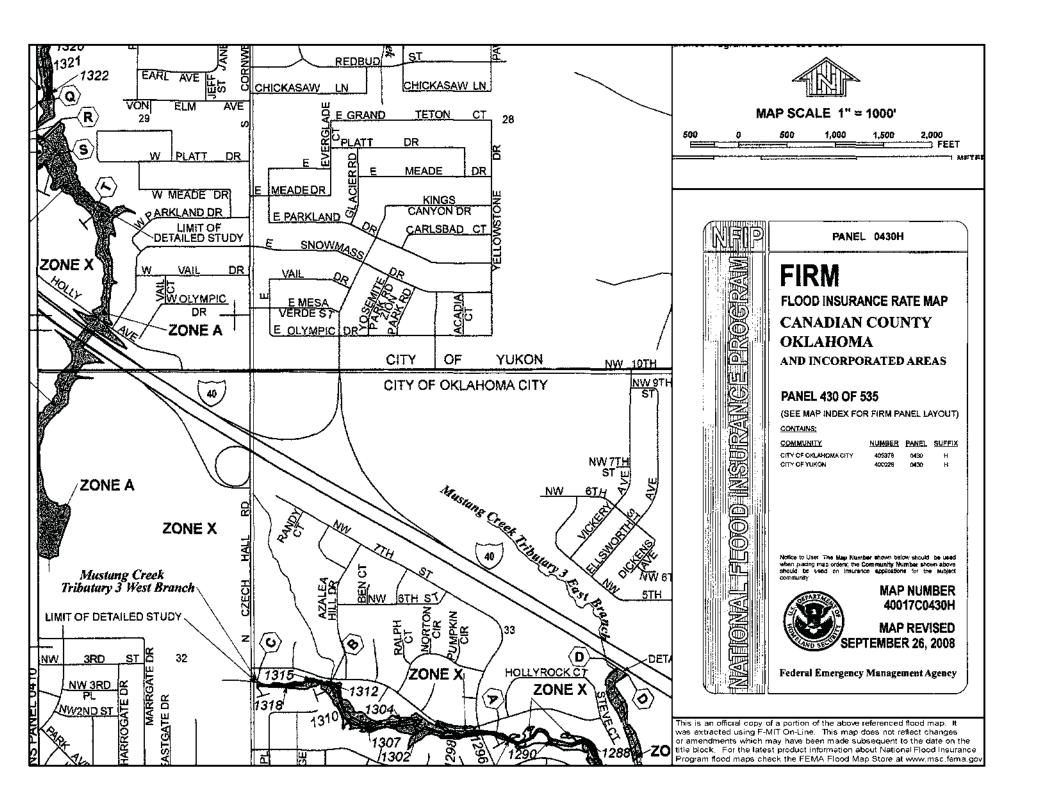


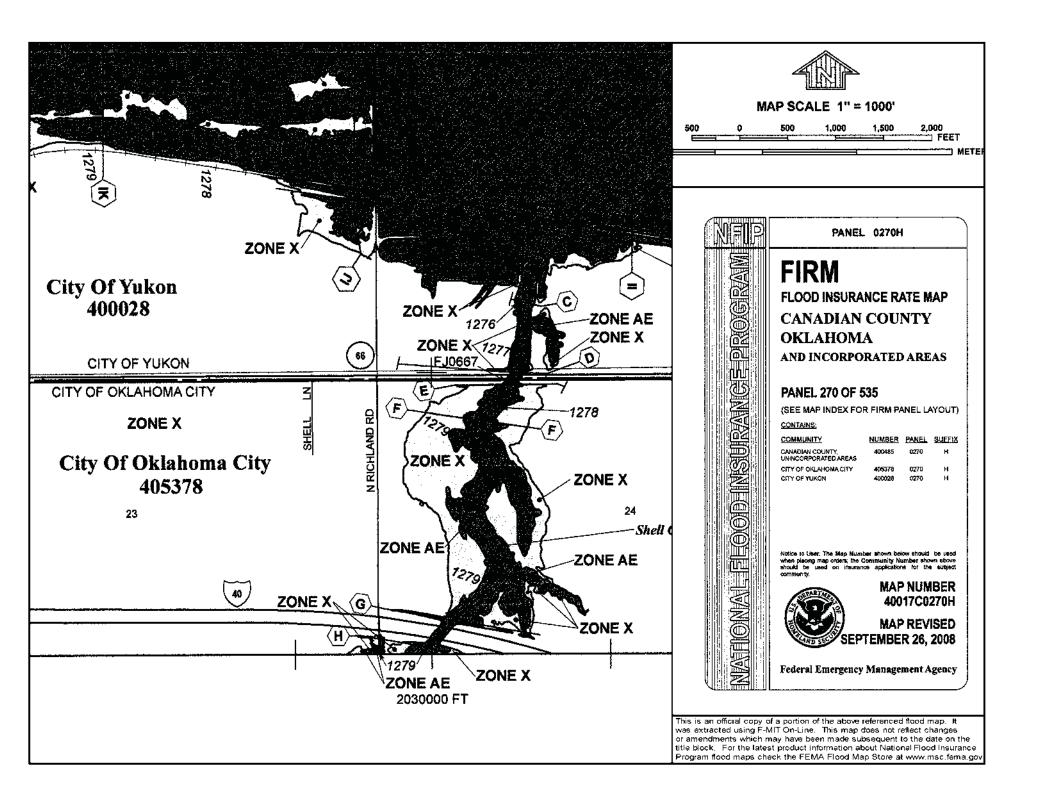


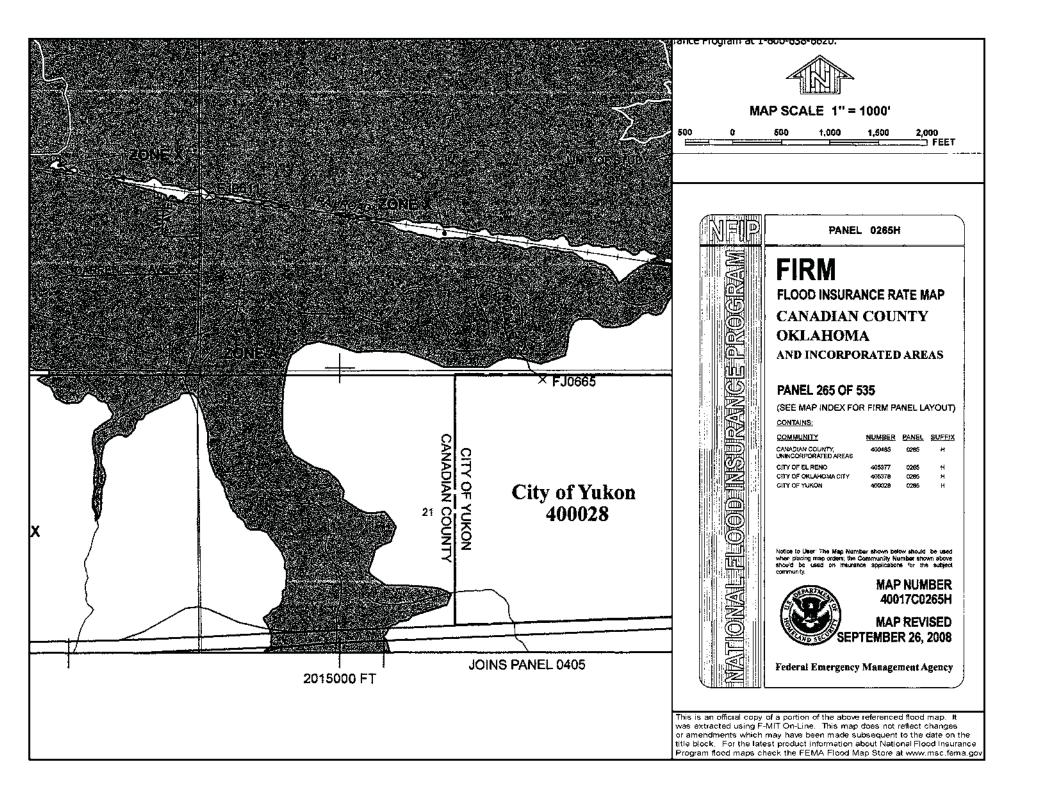


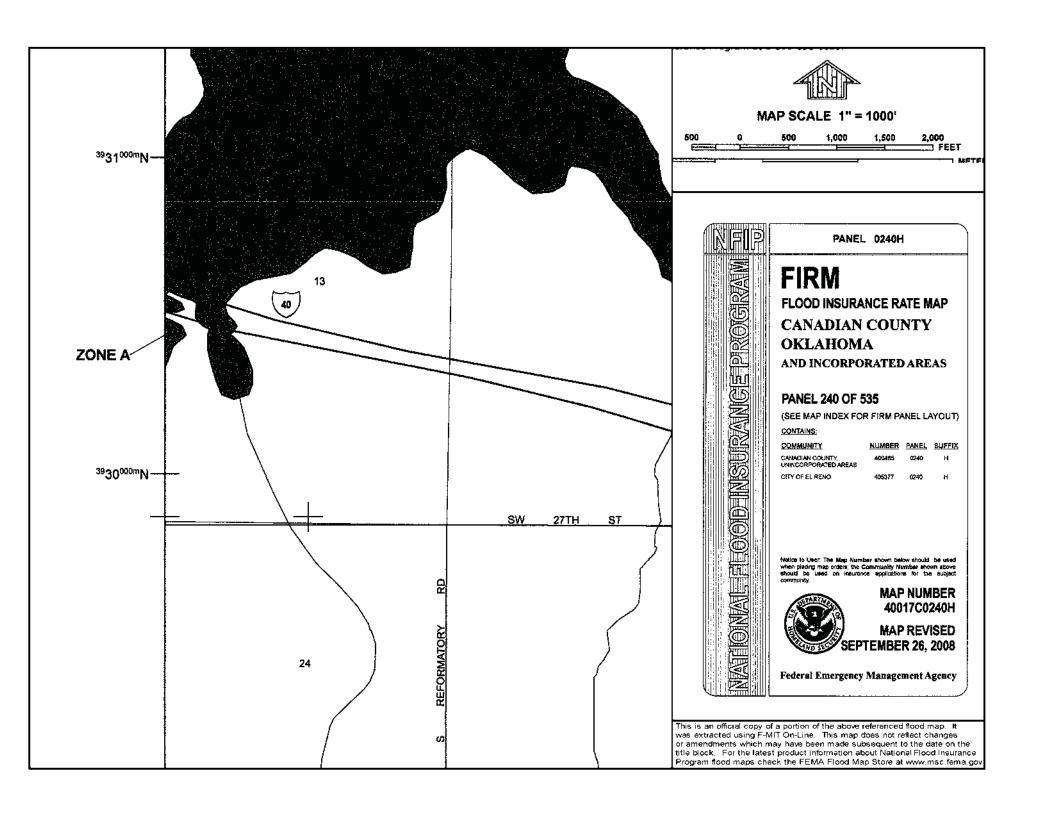


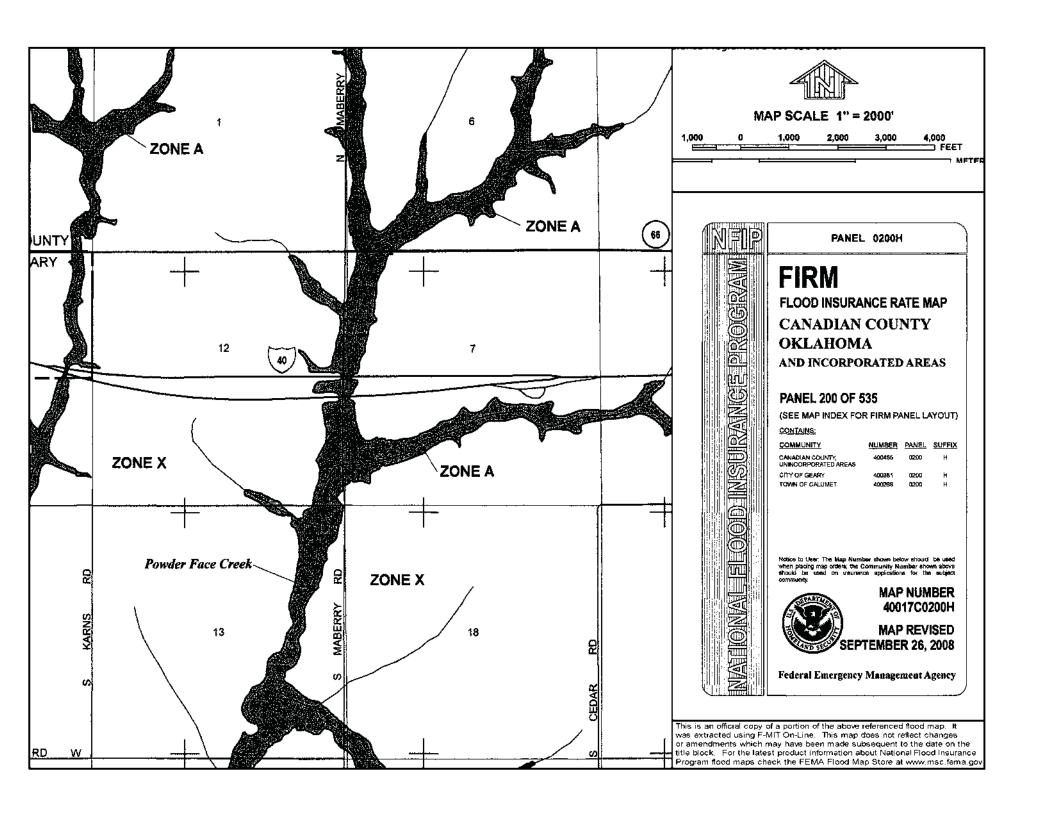


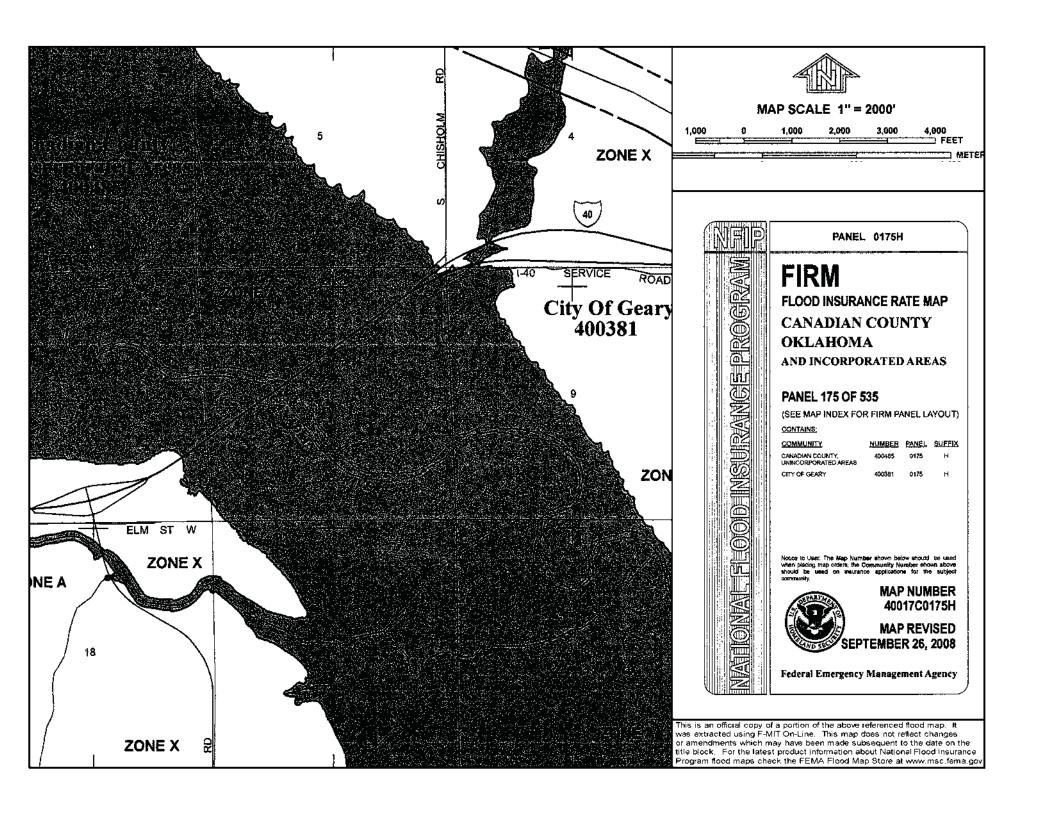


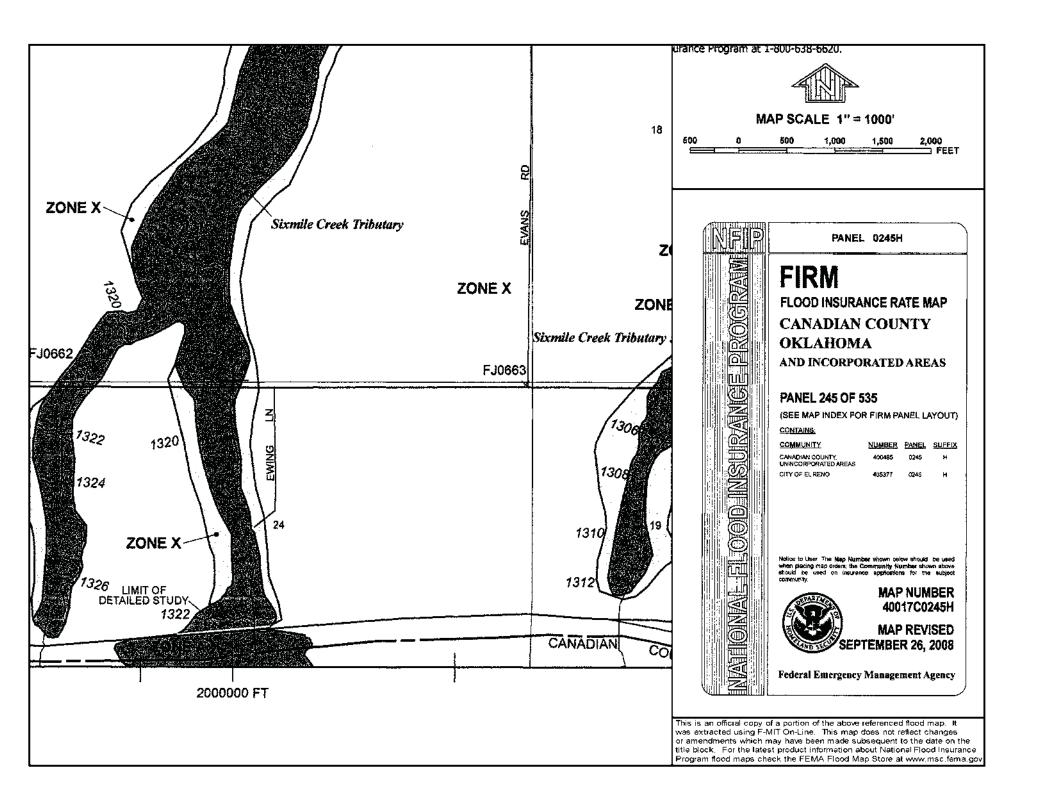


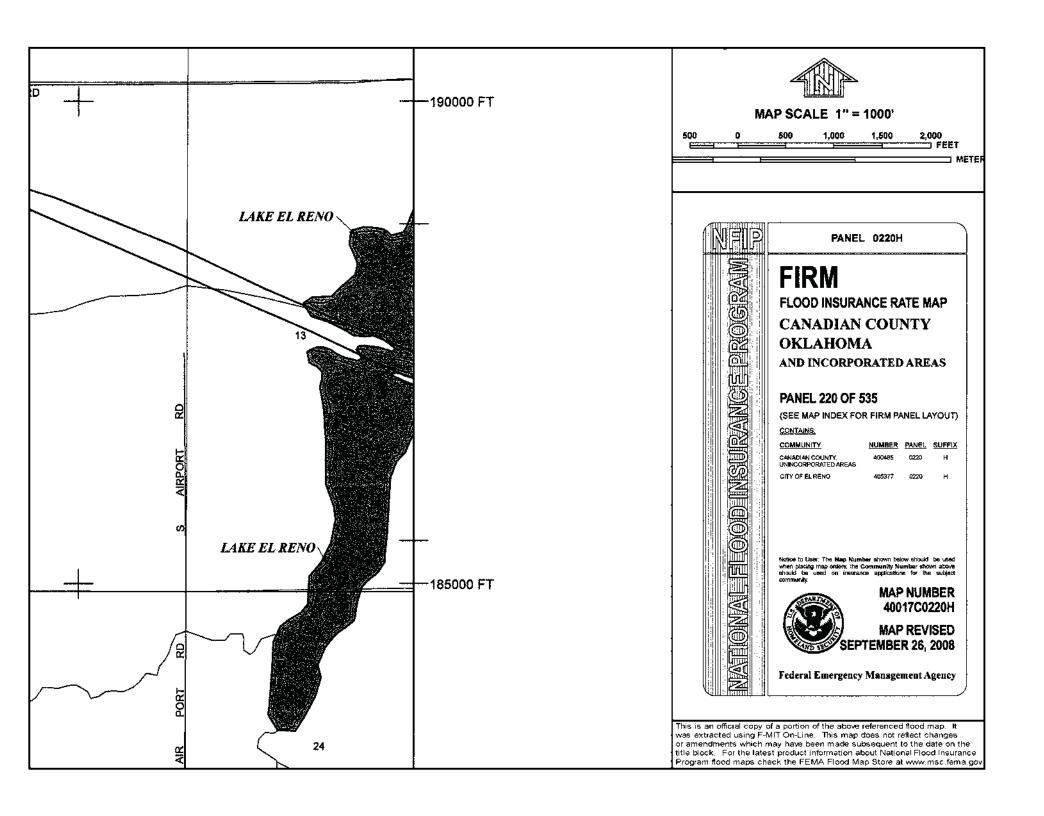


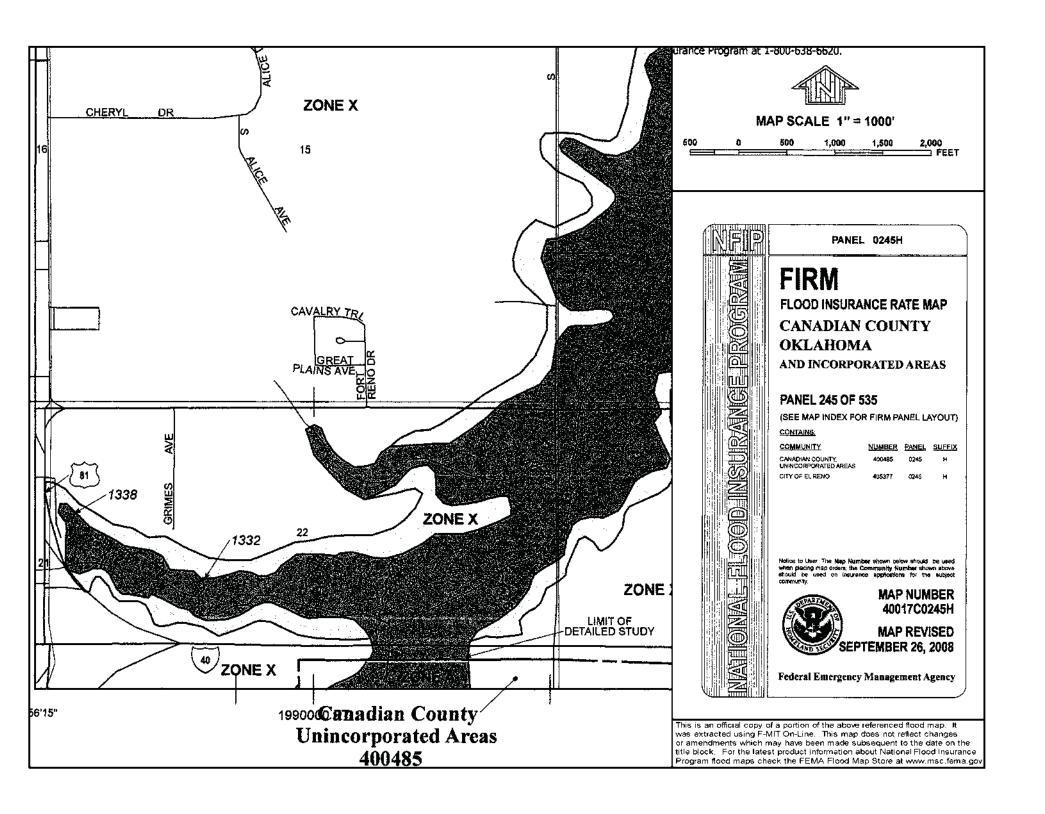


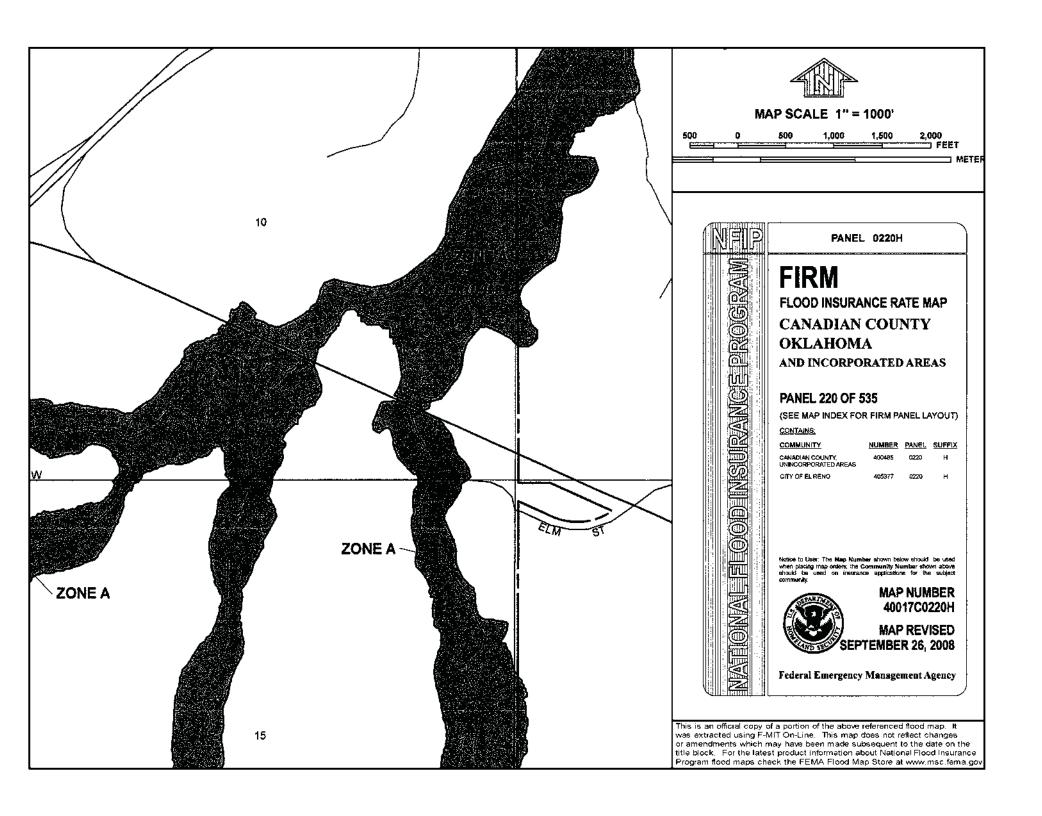


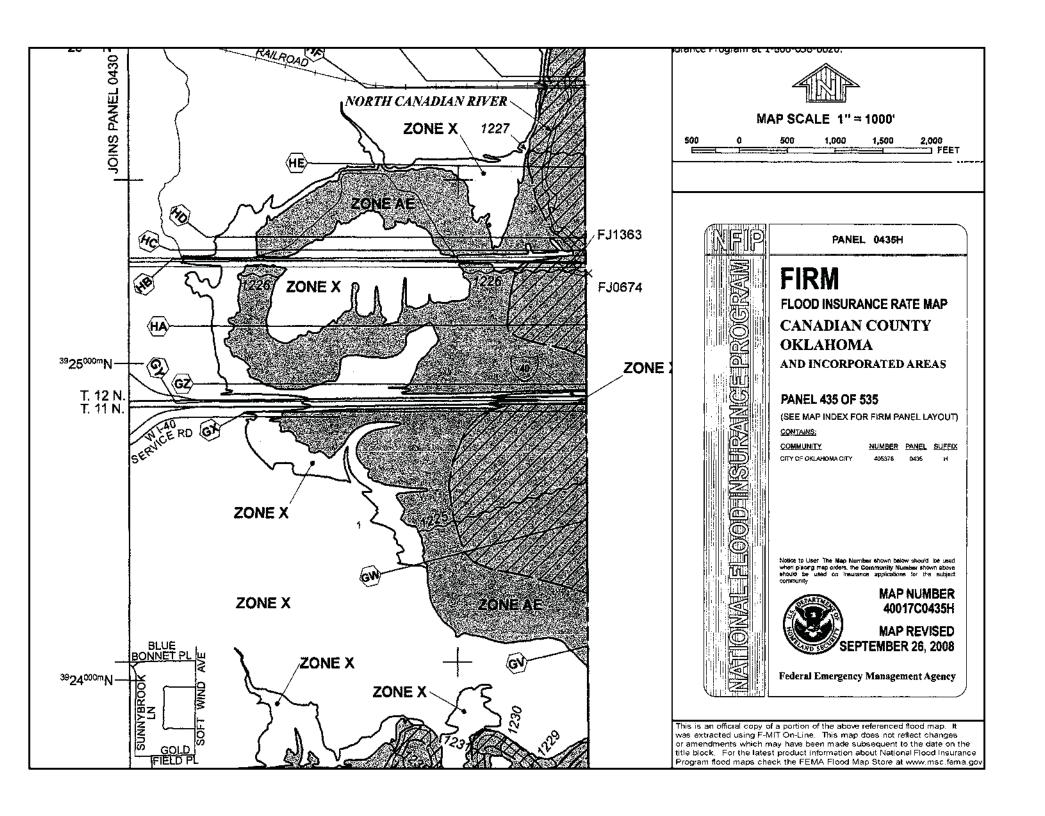


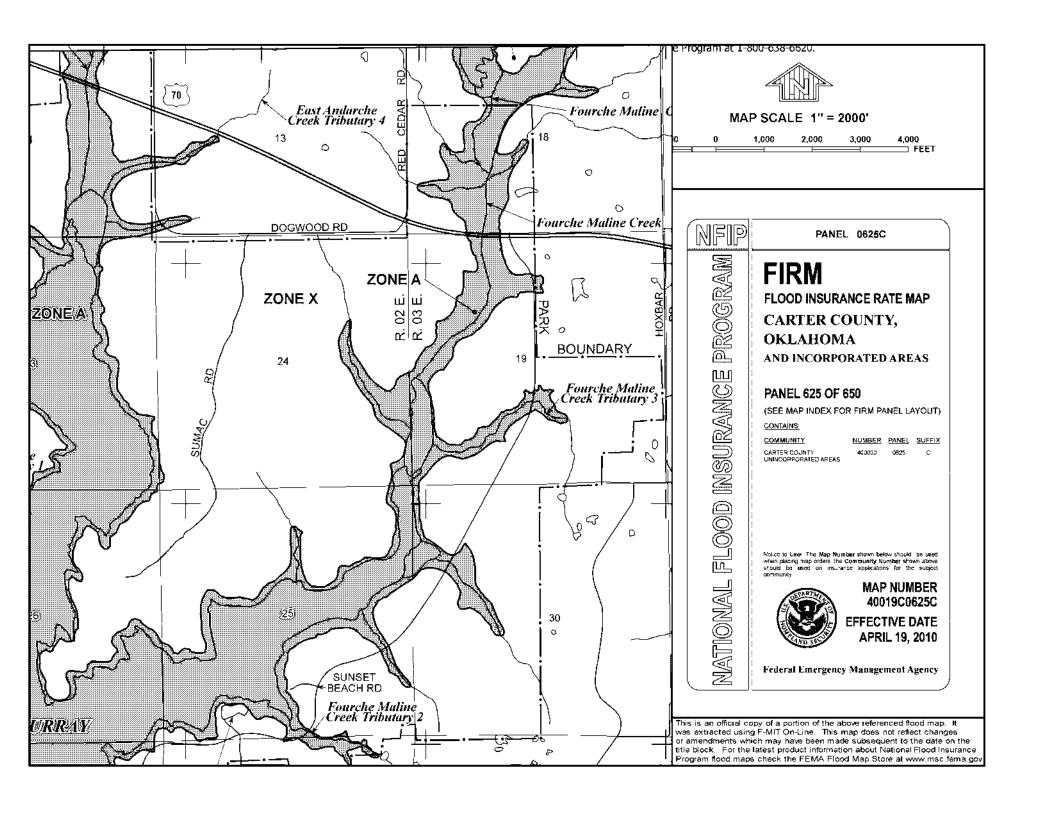


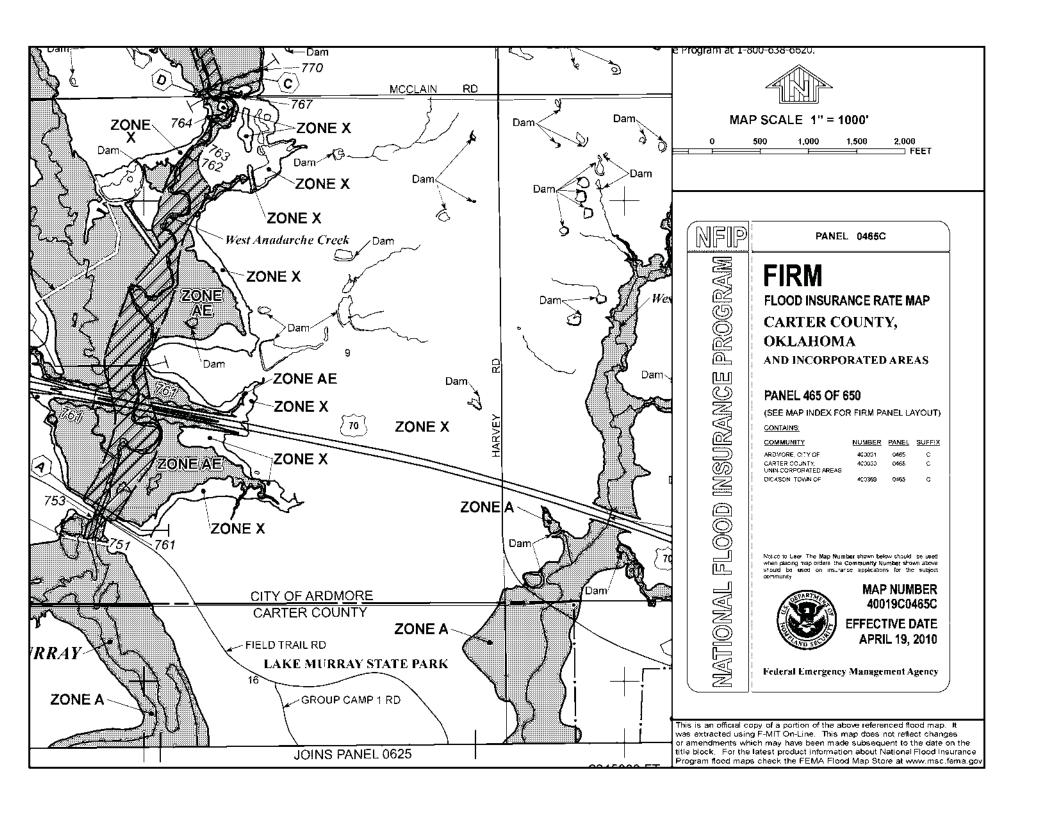


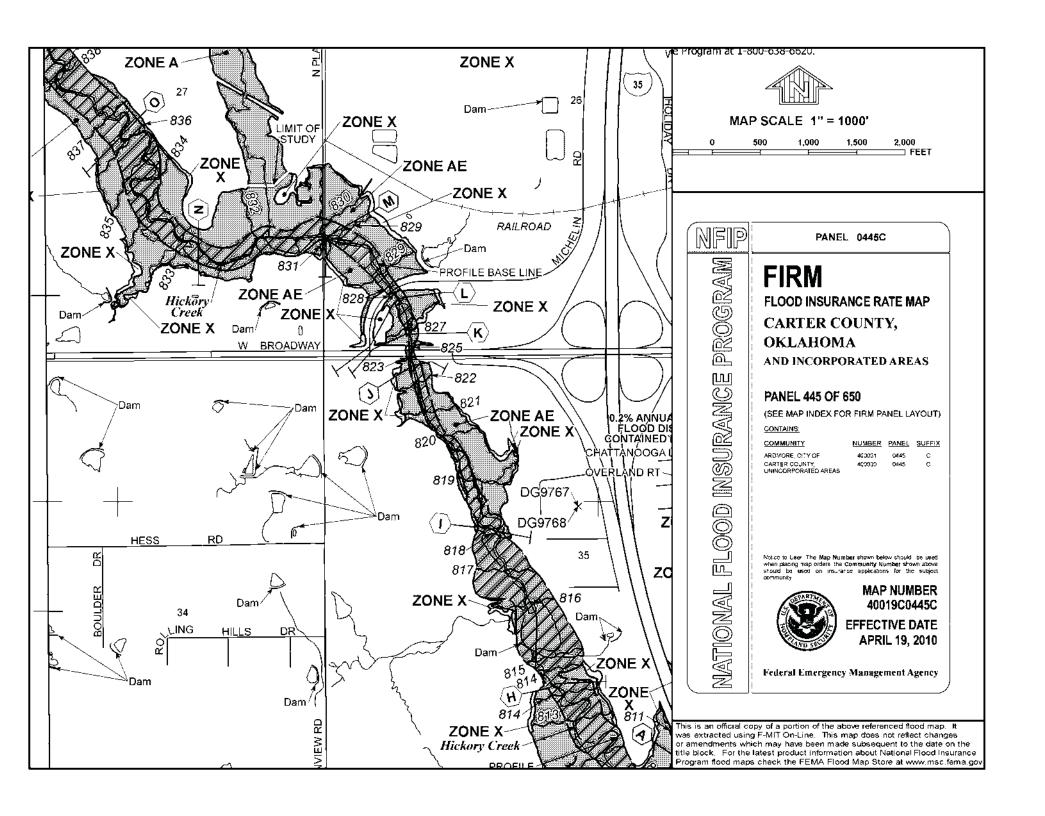


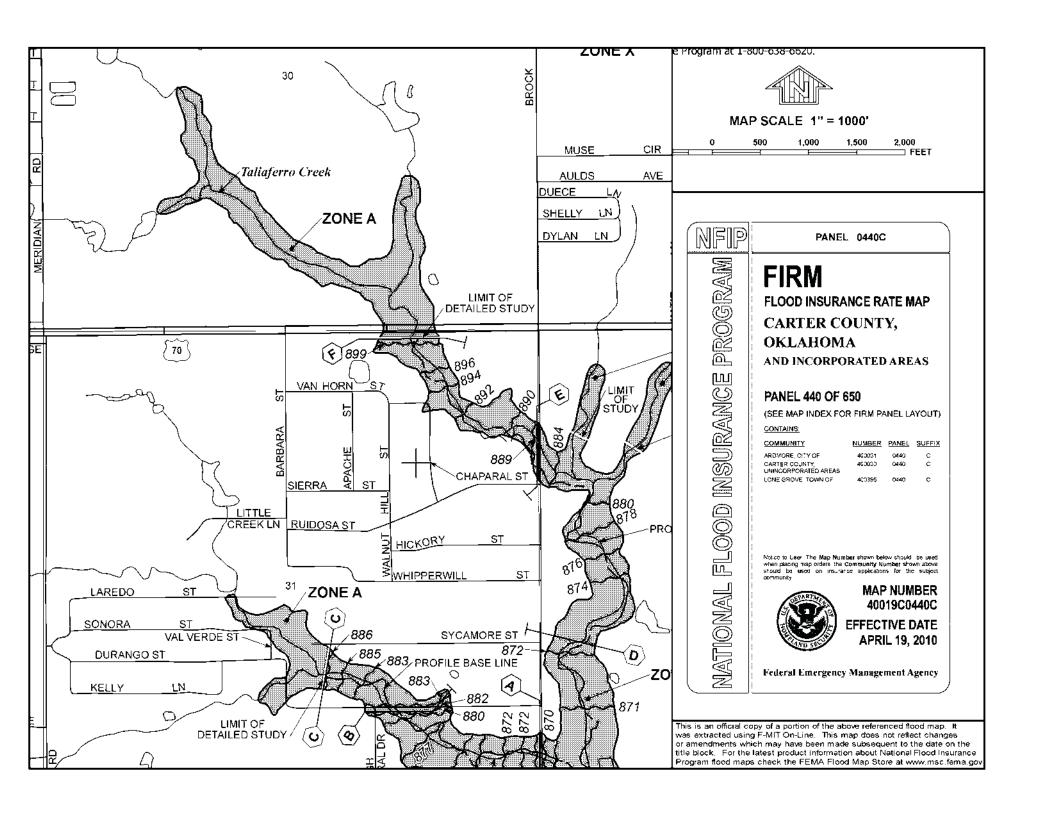


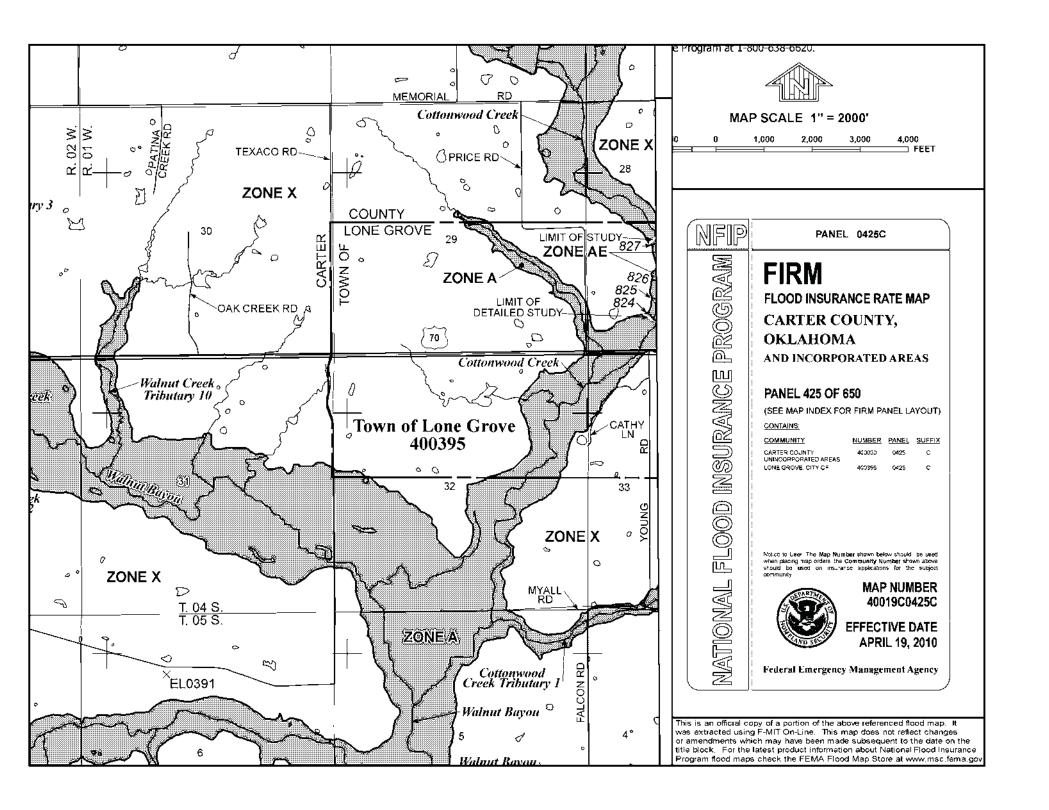


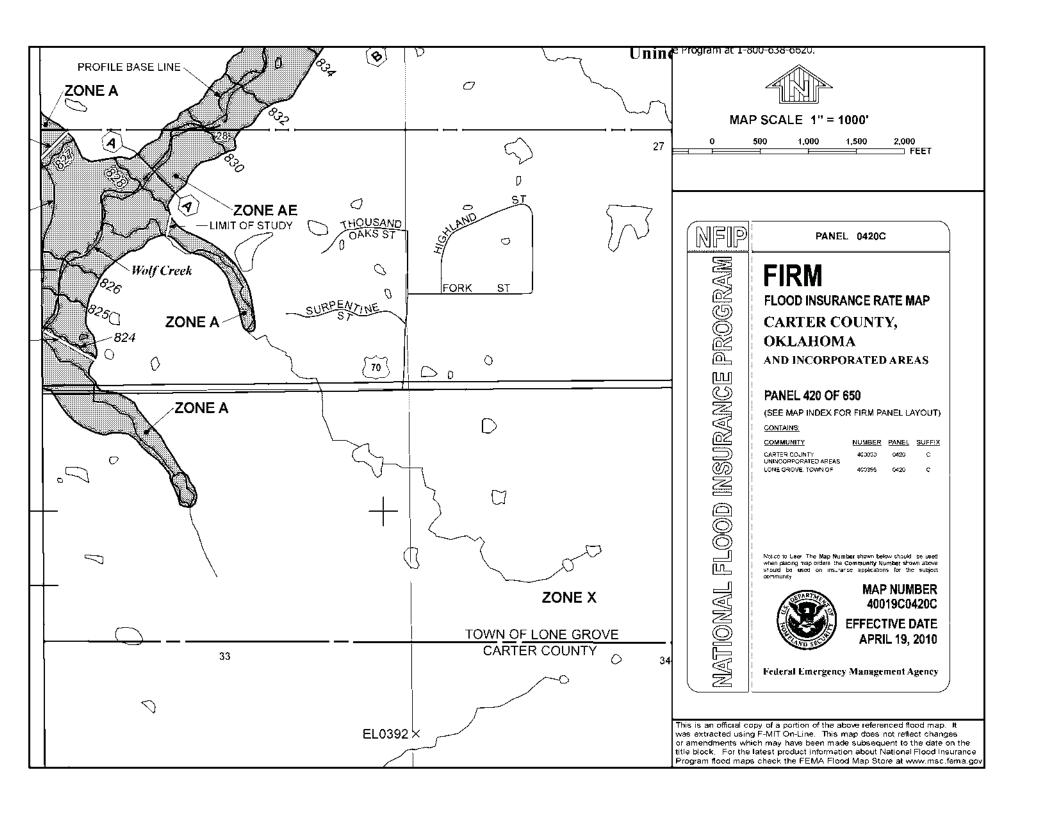


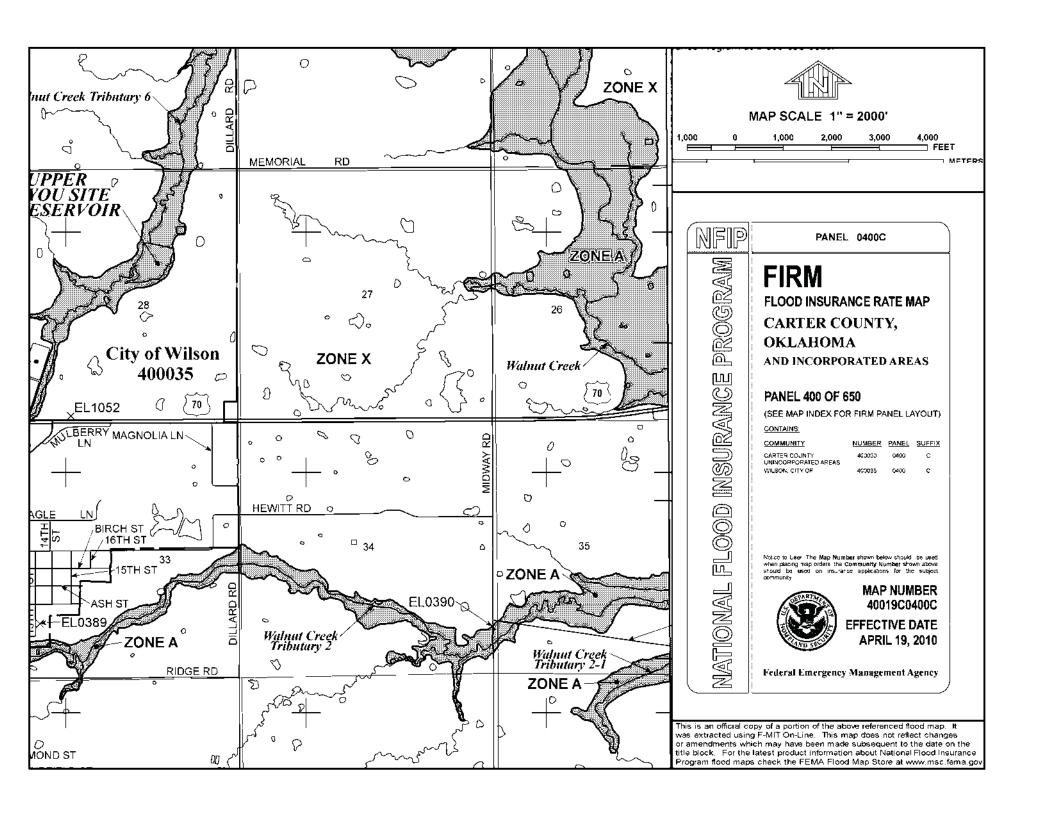


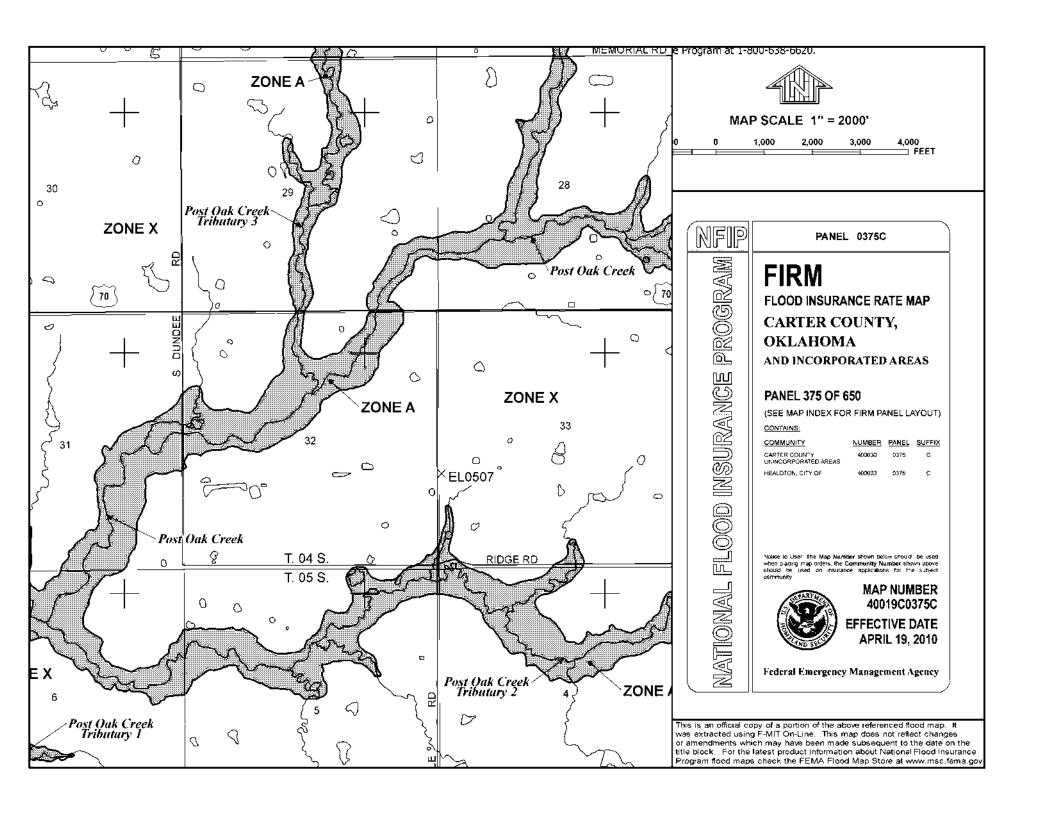


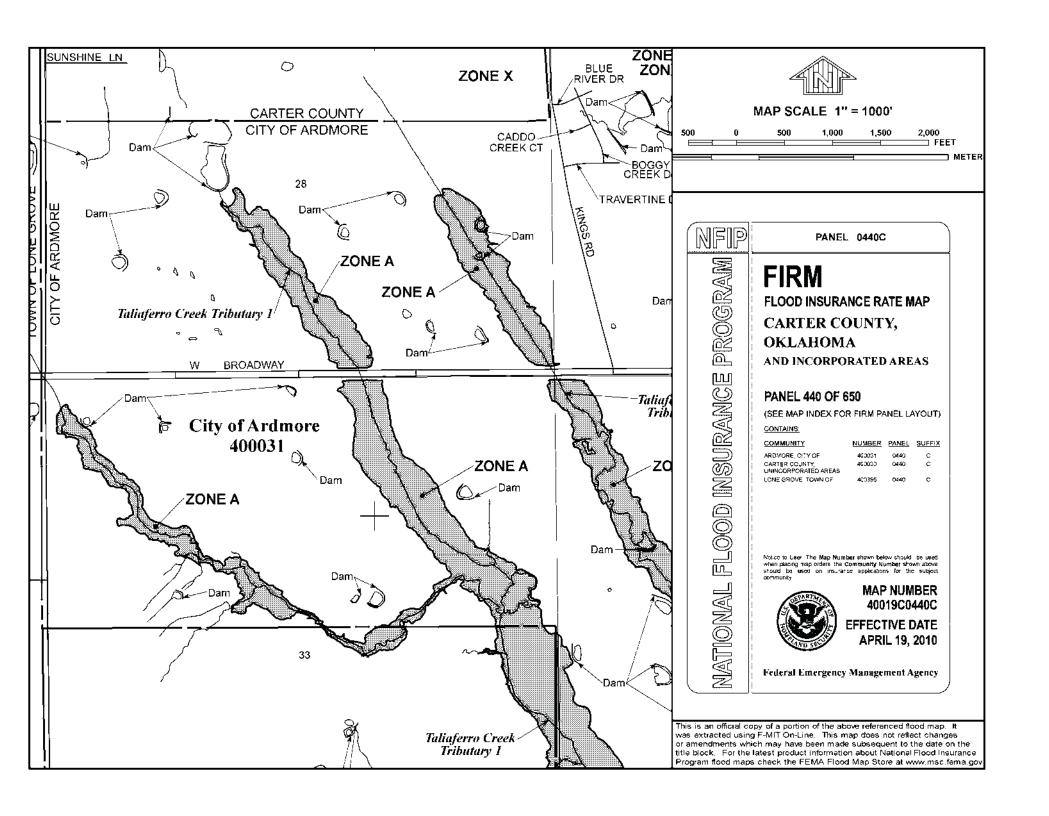


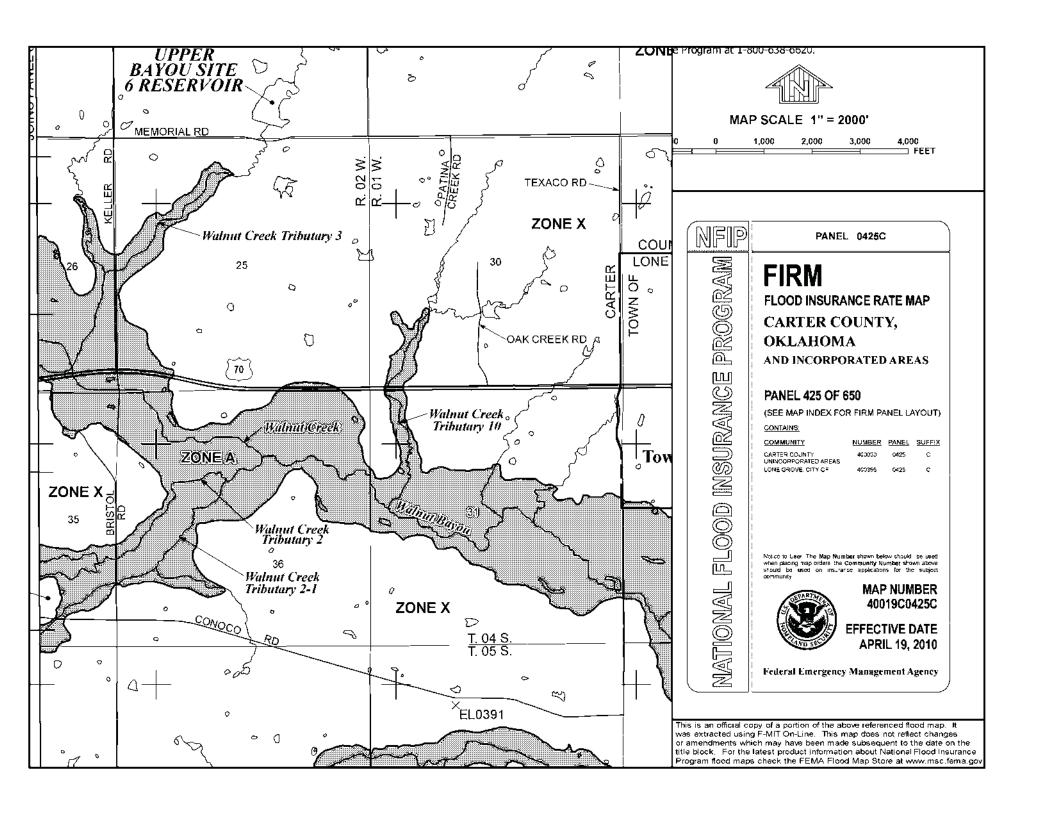


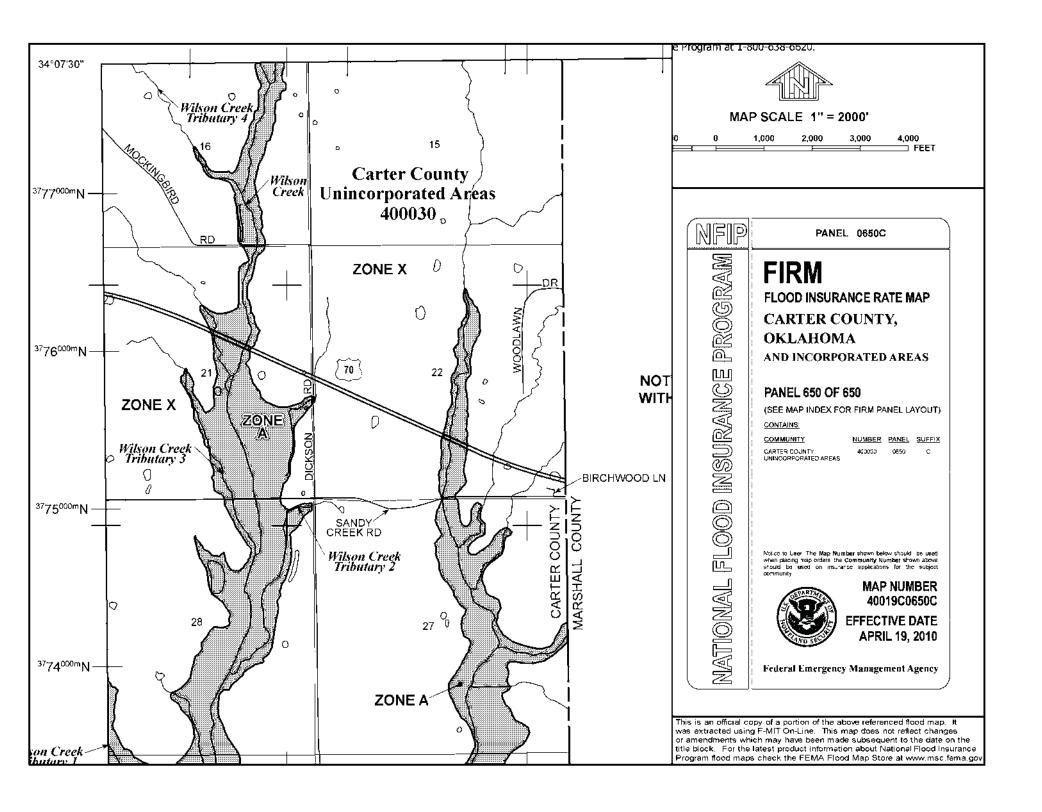


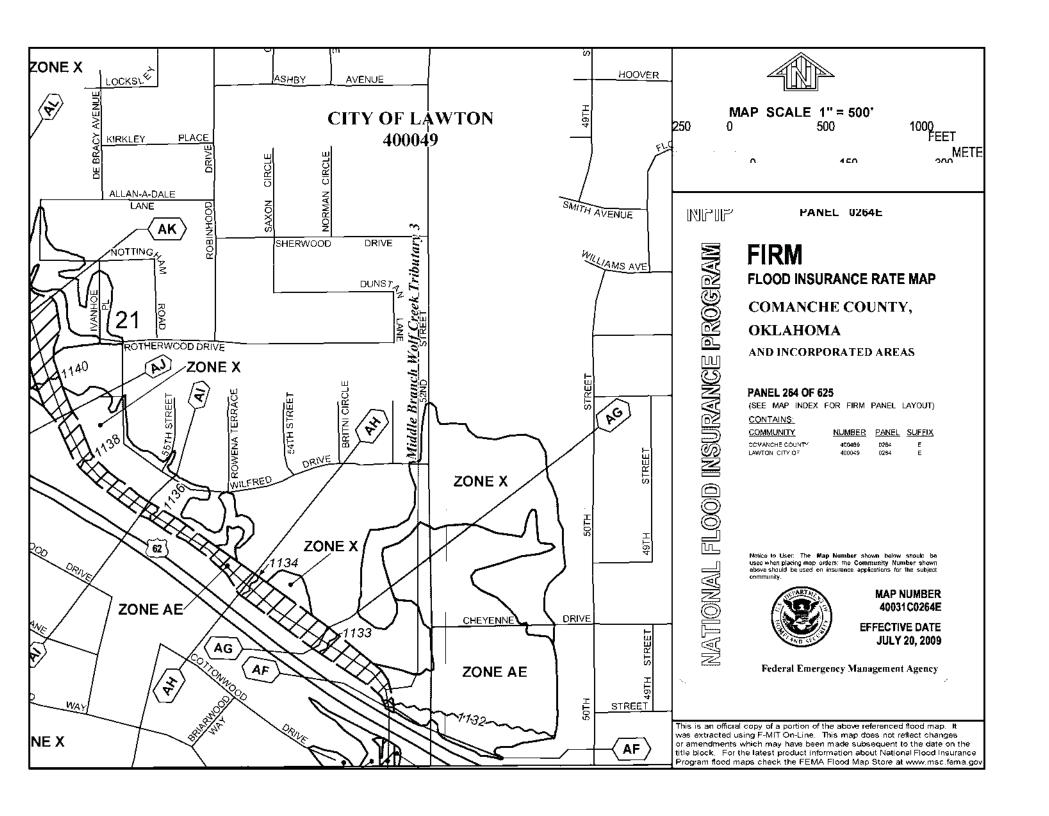


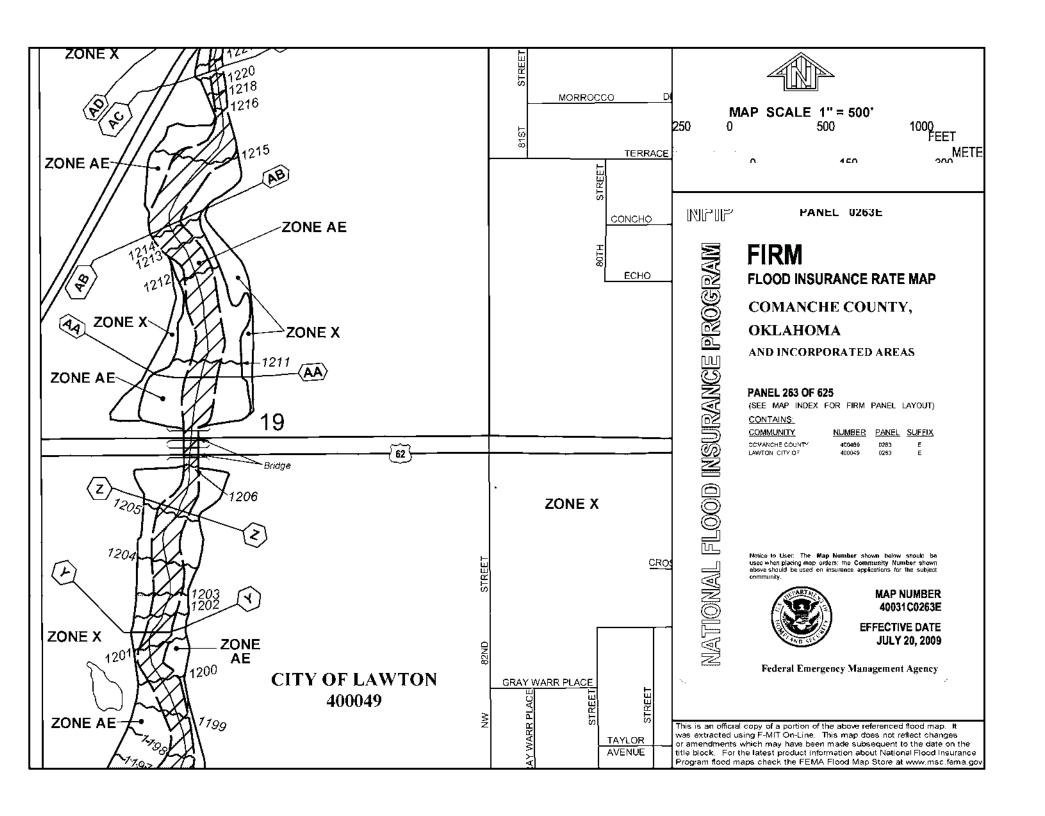


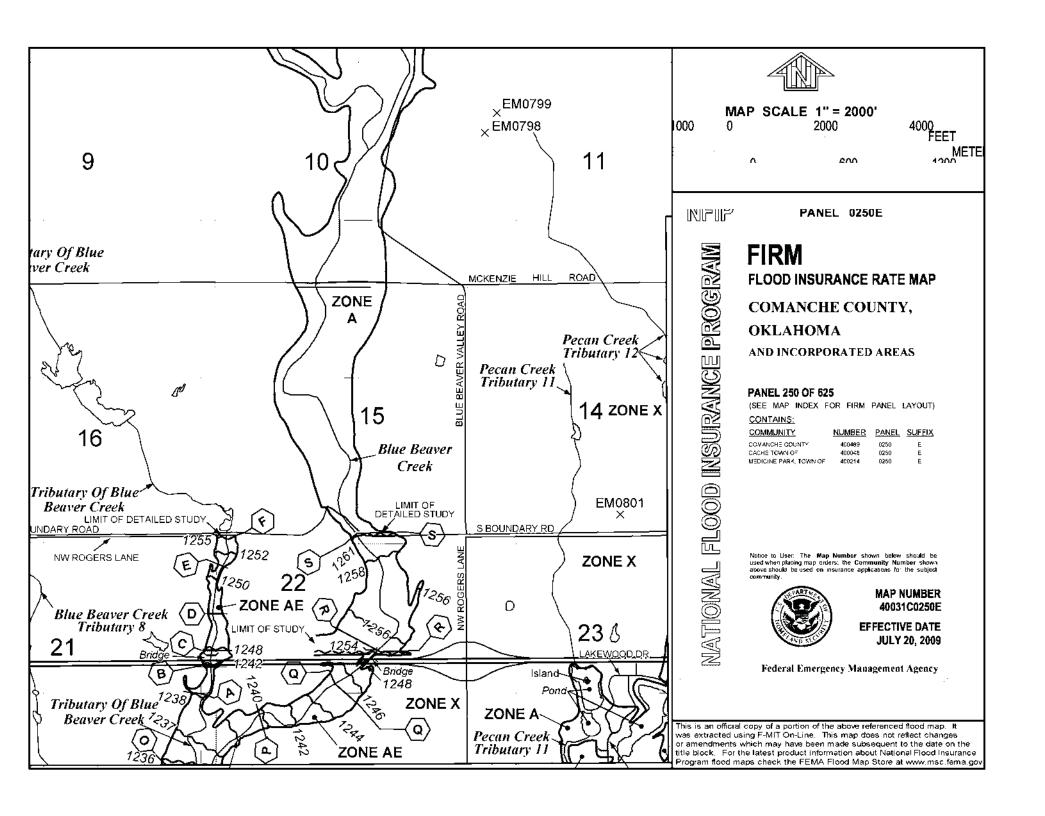


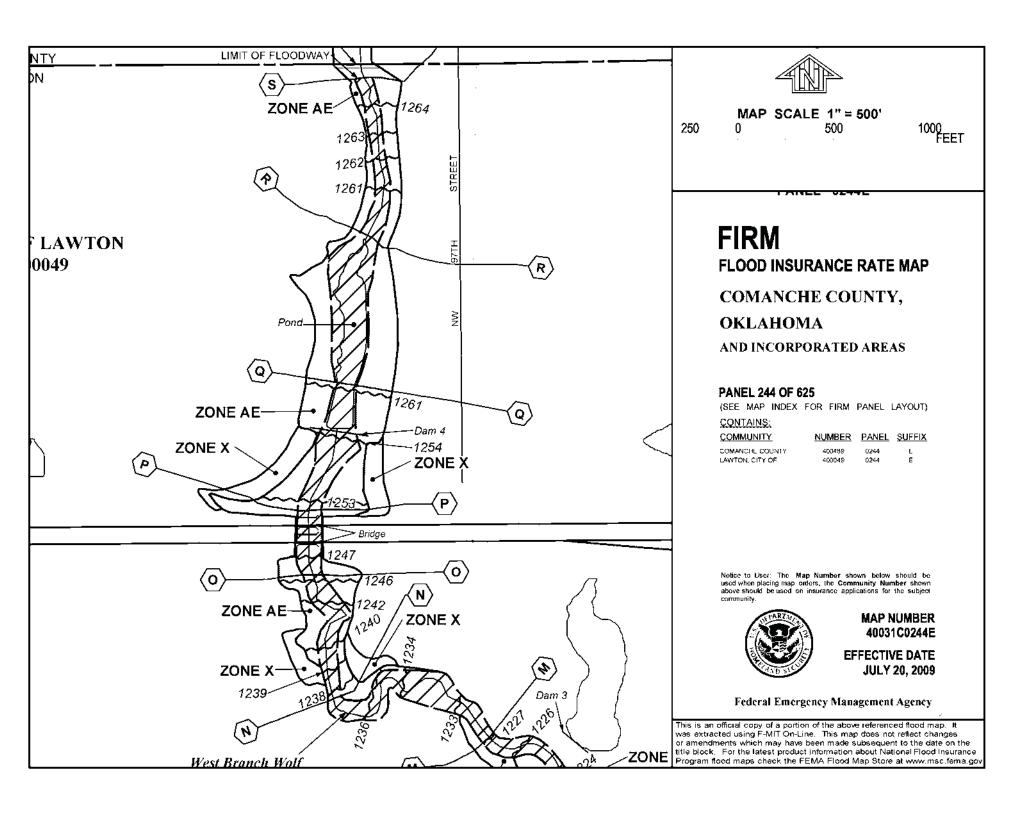


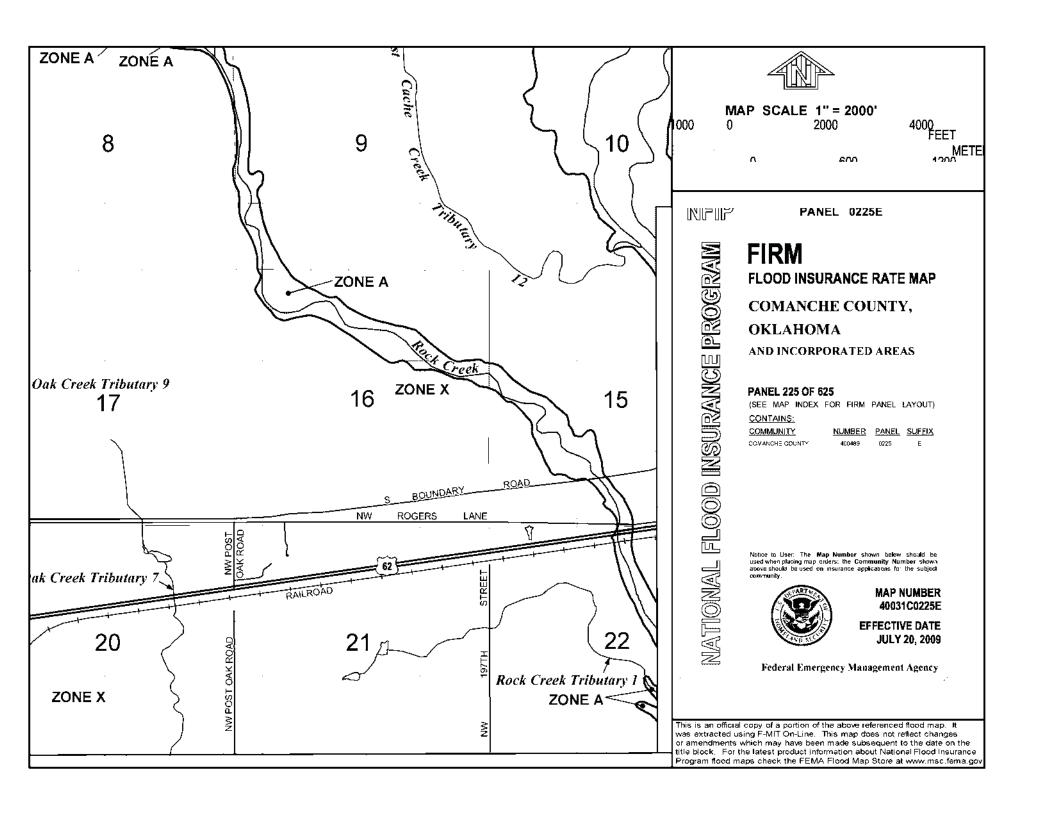


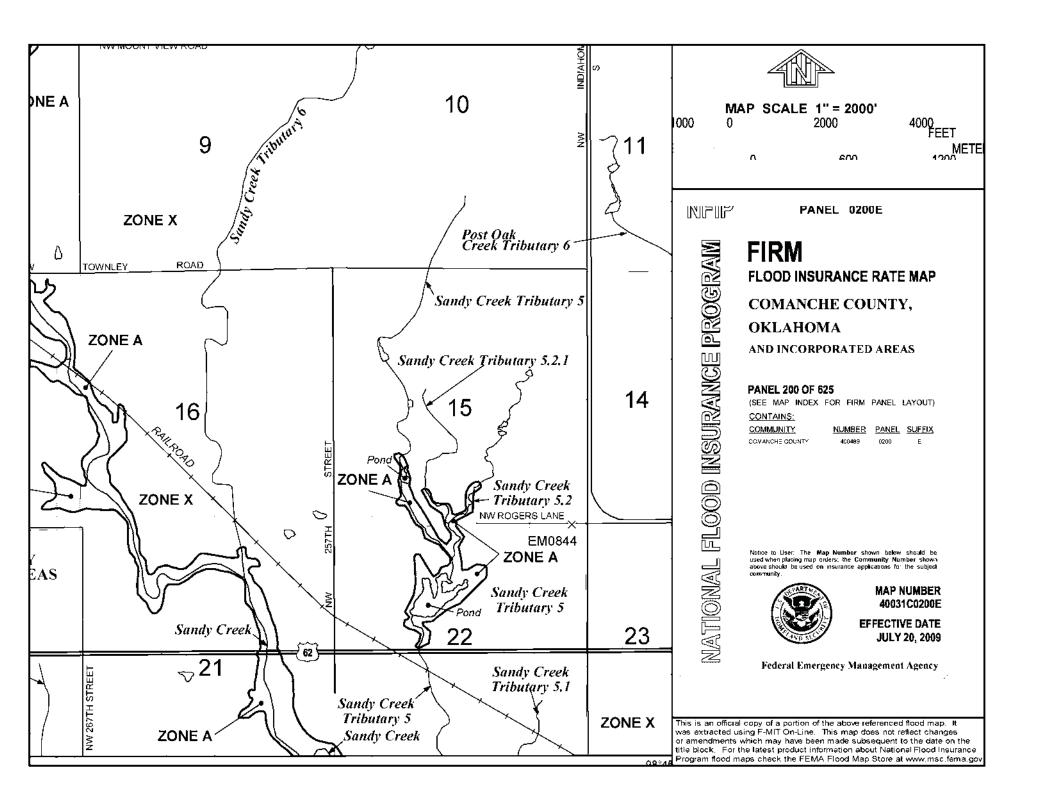


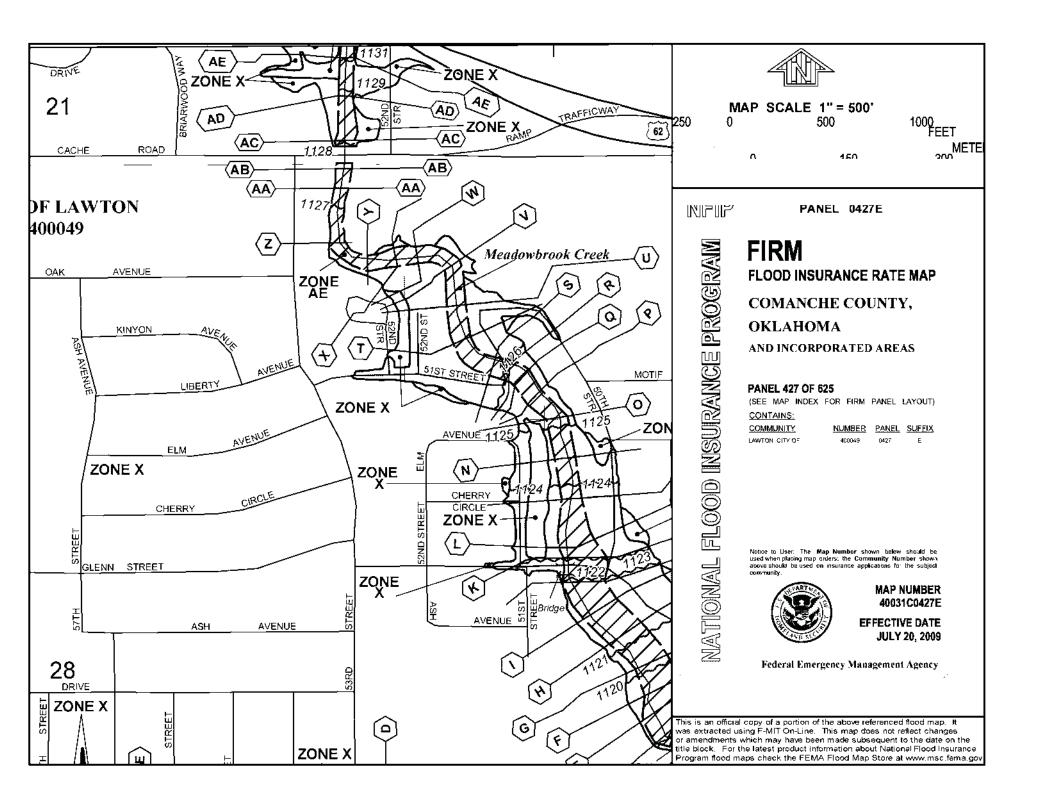


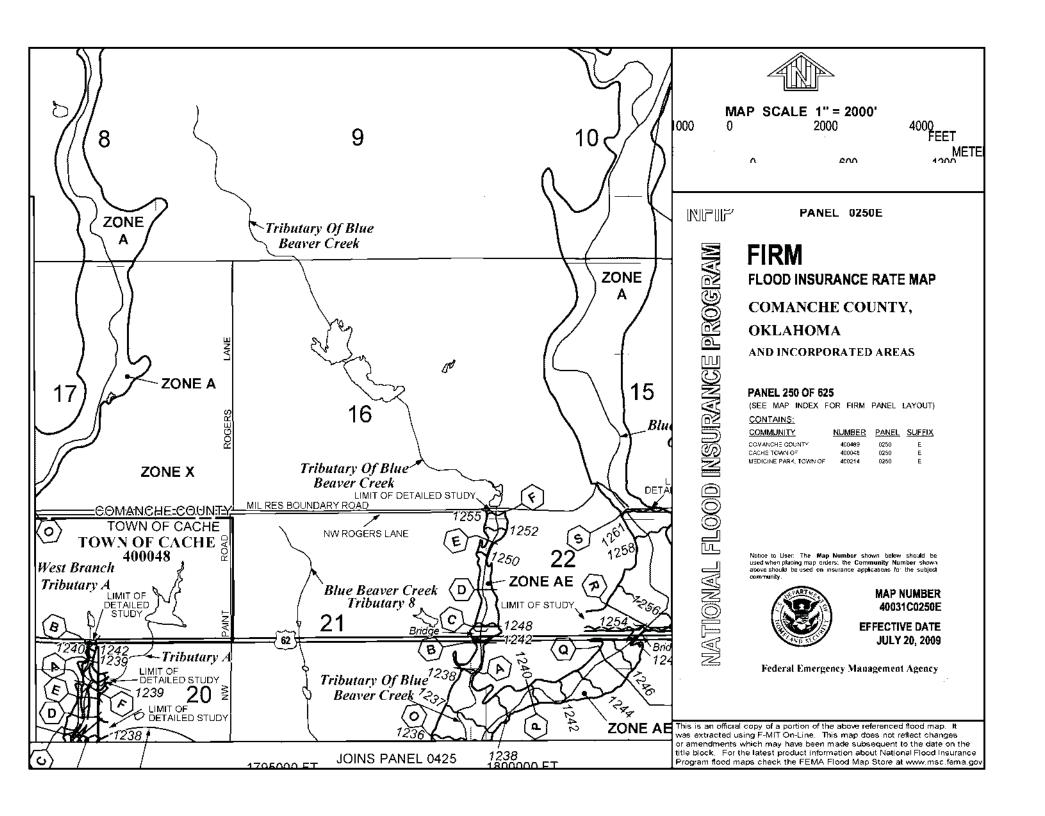


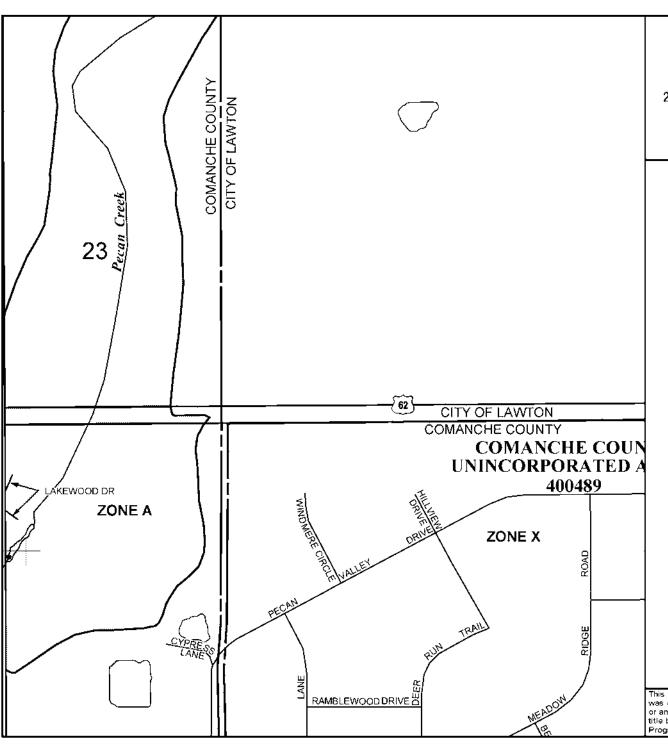














MAP SCALE 1" = 500"

250

500

1000 FEET

FIRM

FLOOD INSURANCE RATE MAP

COMANCHE COUNTY, **OKLAHOMA**

AND INCORPORATED AREAS

PANEL 244 OF 625

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY <u>NUMBER</u> SUFFIX 400489 3244

COMANCHE COUNTY LAWTON, CITY OF 400049 0244

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

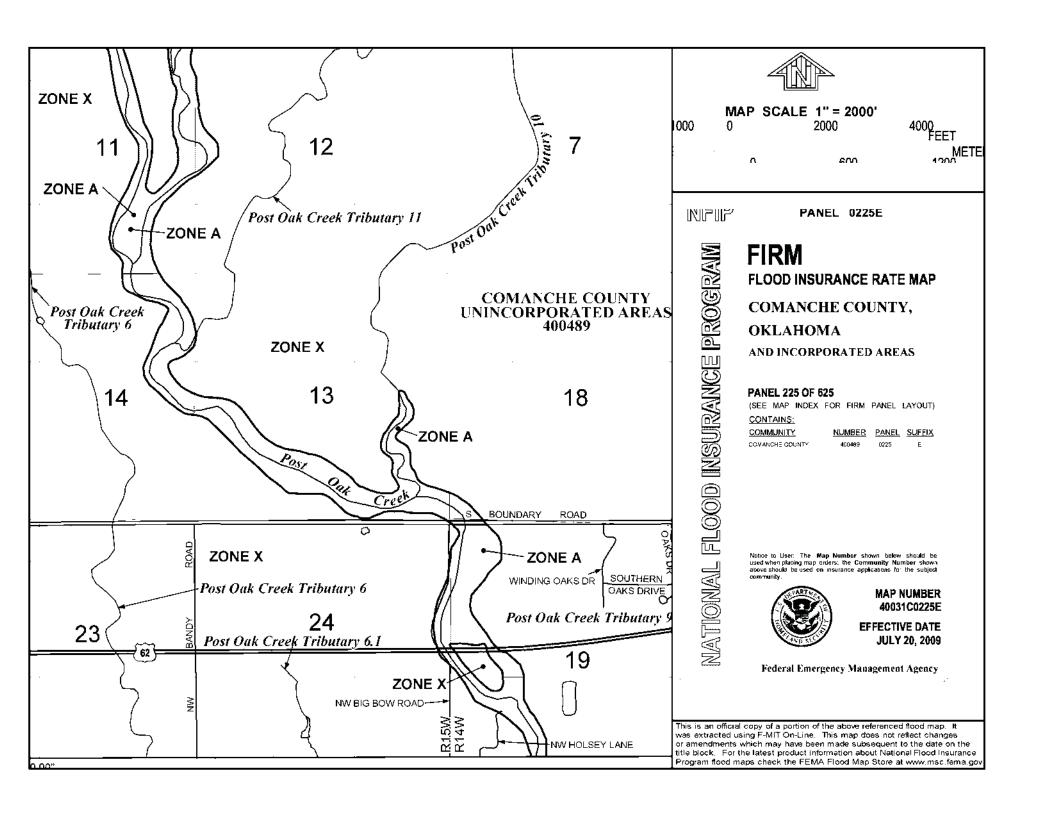


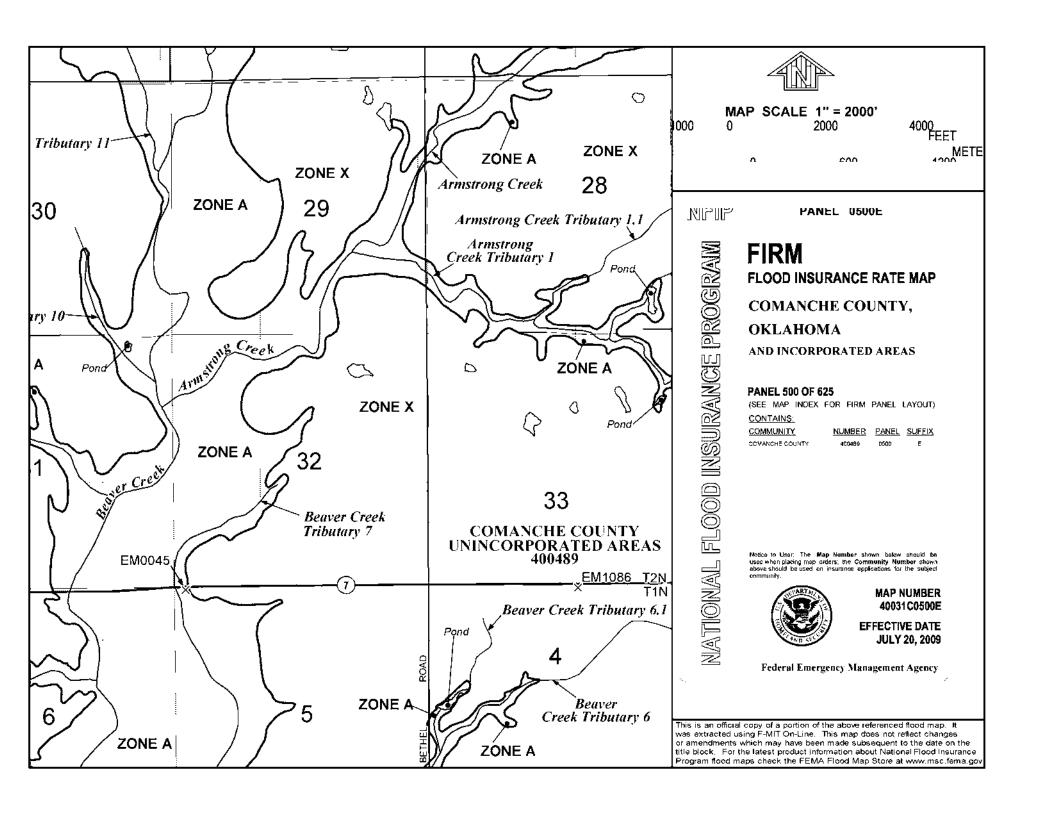
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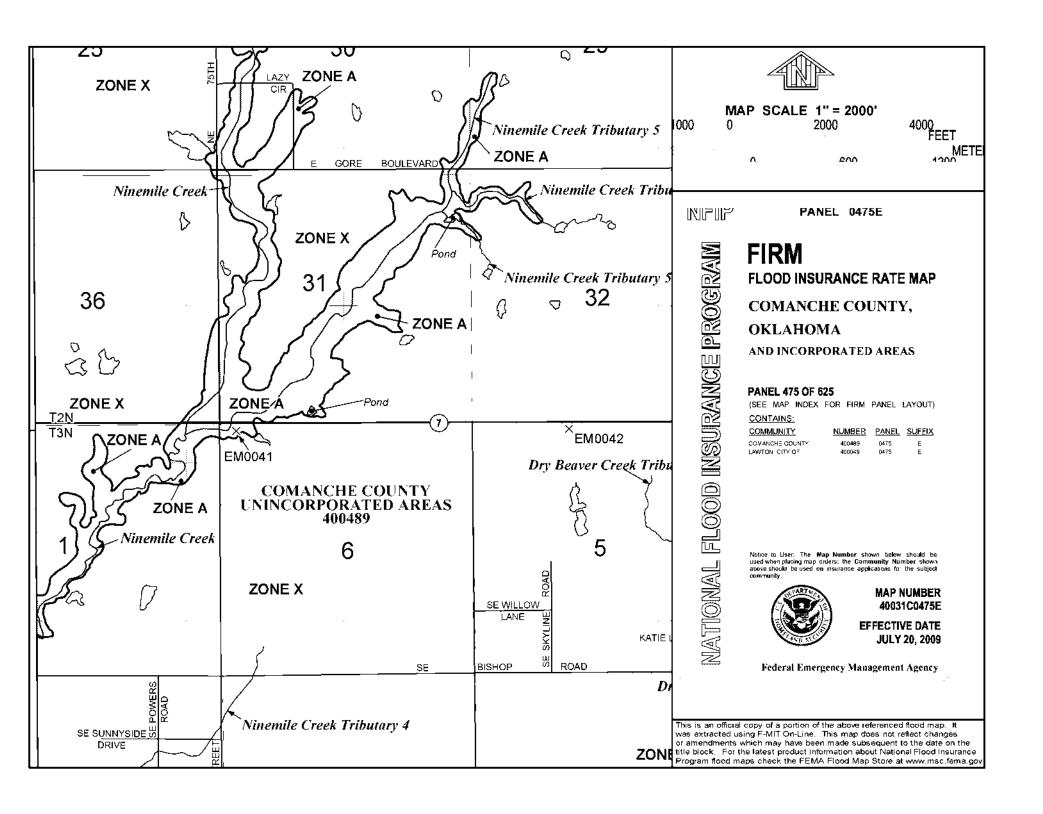
EFFECTIVE DATE JULY 20, 2009

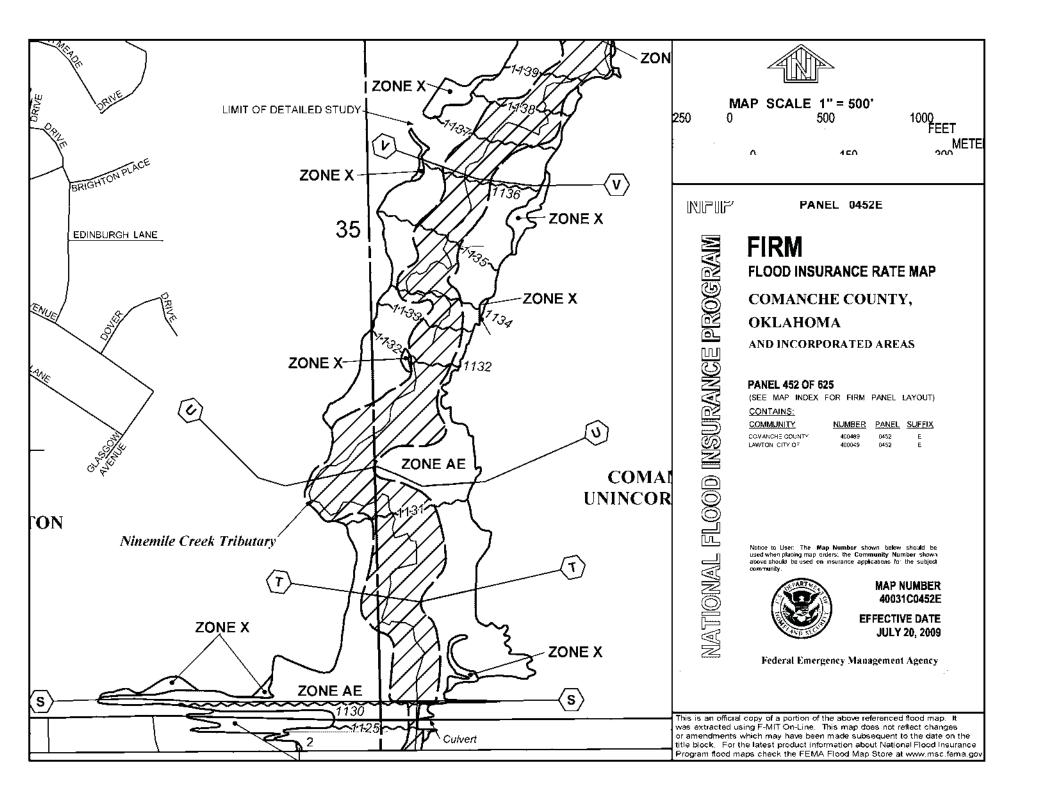
Federal Emergency Management Agency

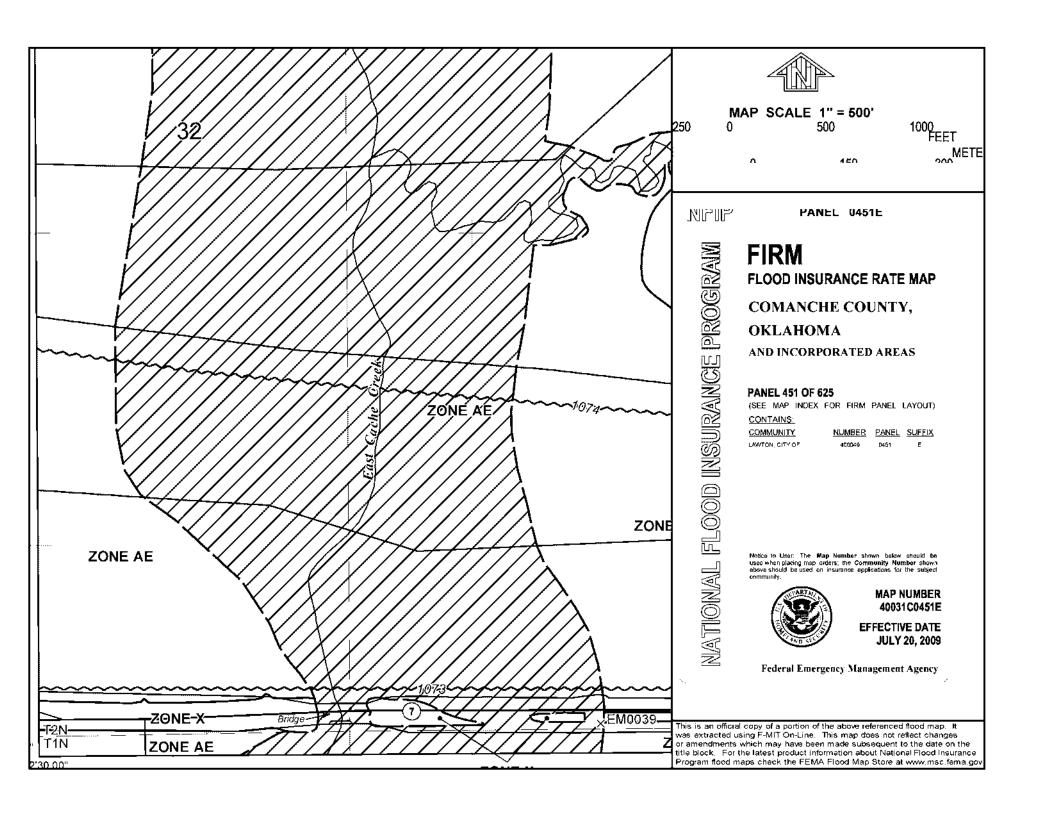
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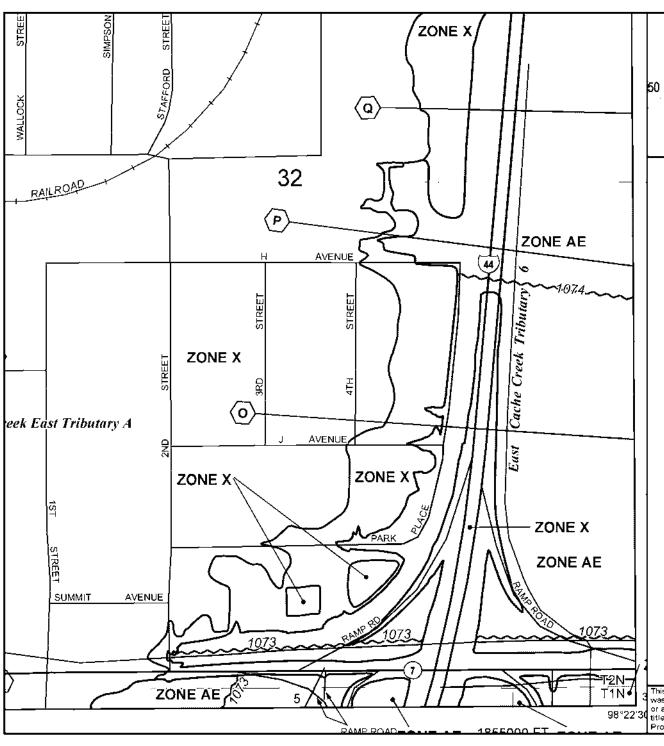














MAP SCALE 1" = 500'

1000 FFF

PANEL 0432E

FIRM FLOOD INSURANCE RATE MAP COMANCHE COUNTY, OKLAHOMA

AND INCORPORATED AREAS

PANEL 432 OF 625

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY

<u>IUMBER PANEL SUFFIX</u>

LAWTON, CITY OF

400049 04

,

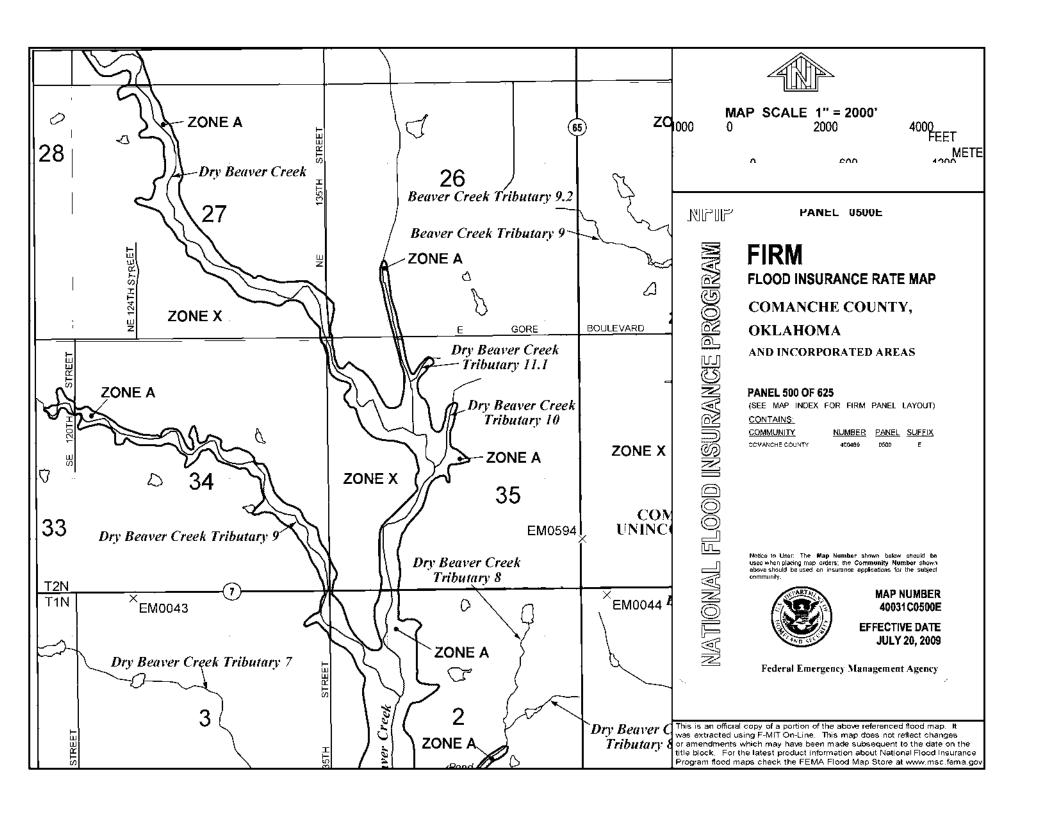
Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

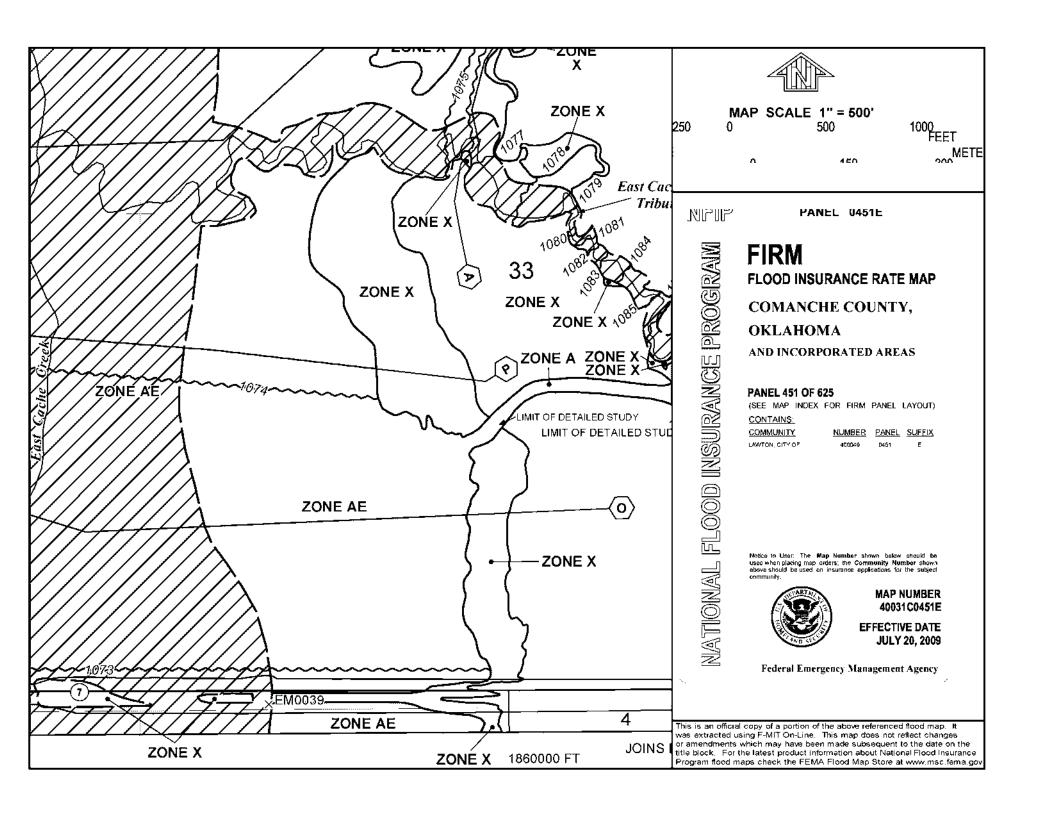


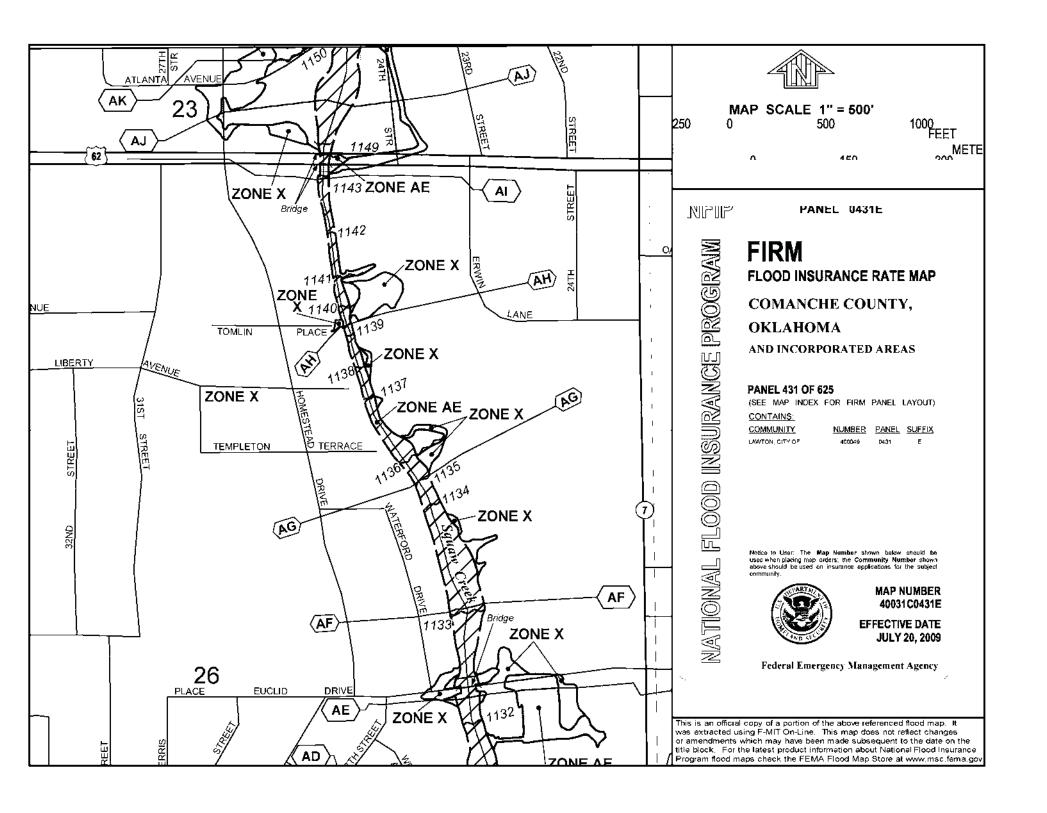
MAP NUMBER 40031C0432E EFFECTIVE DATE JULY 20, 2009

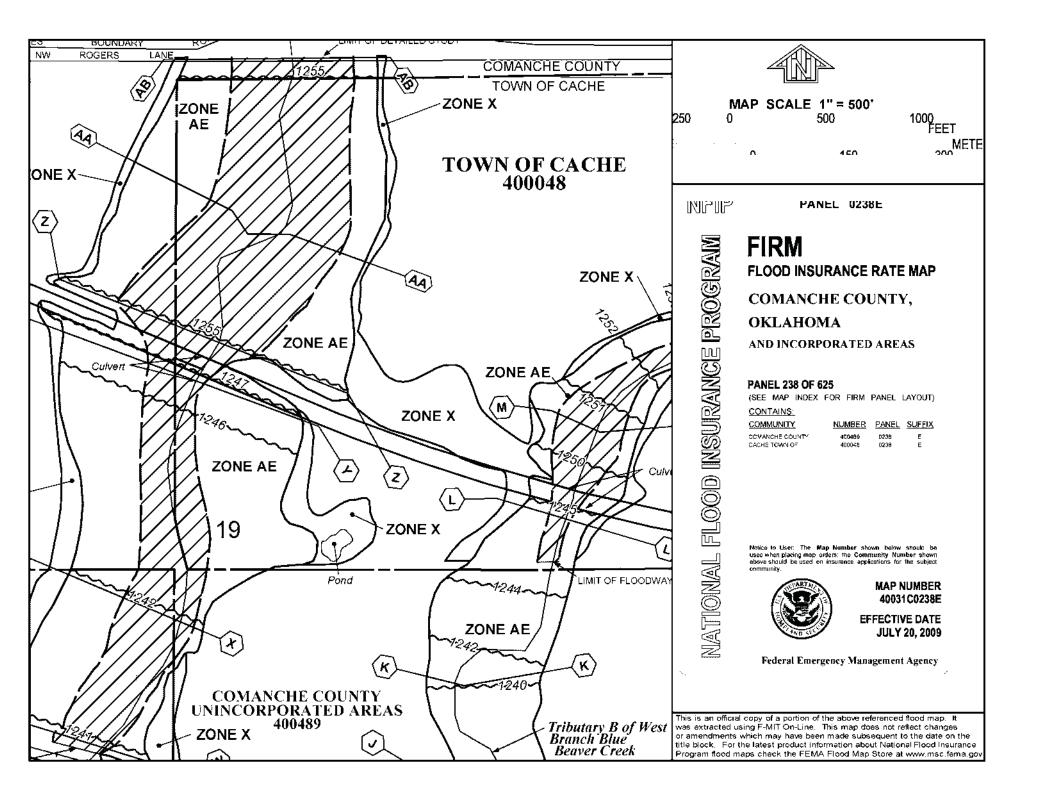
Federal Emergency Management Agency

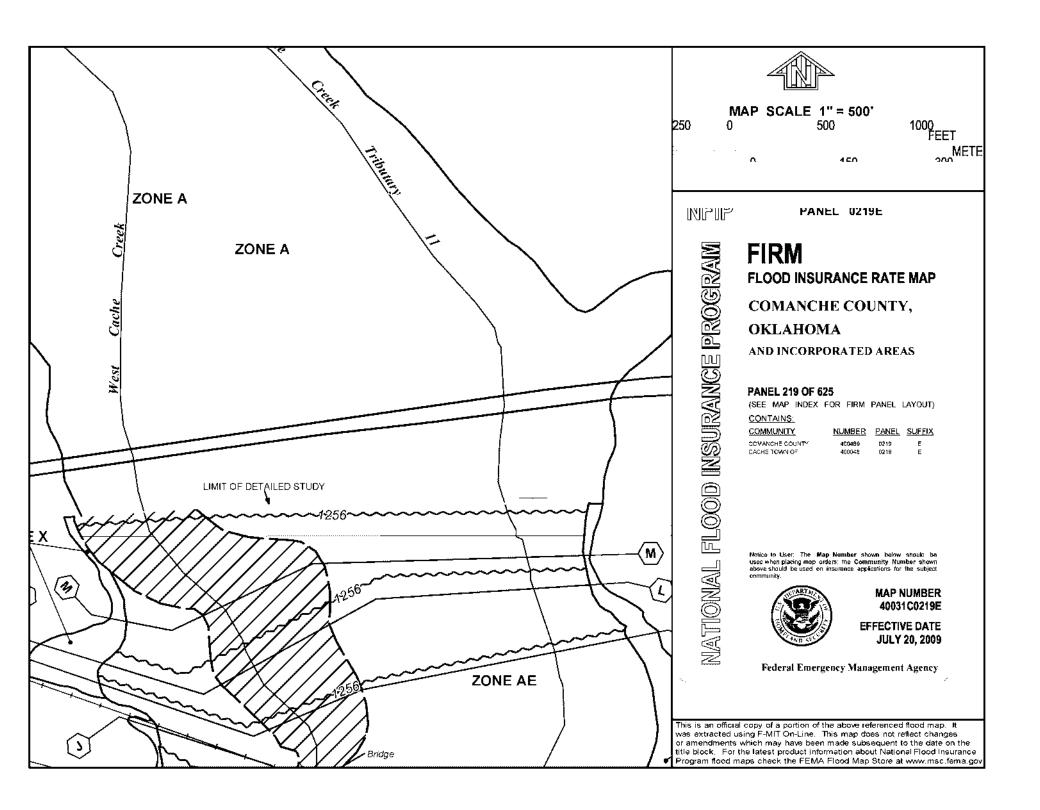
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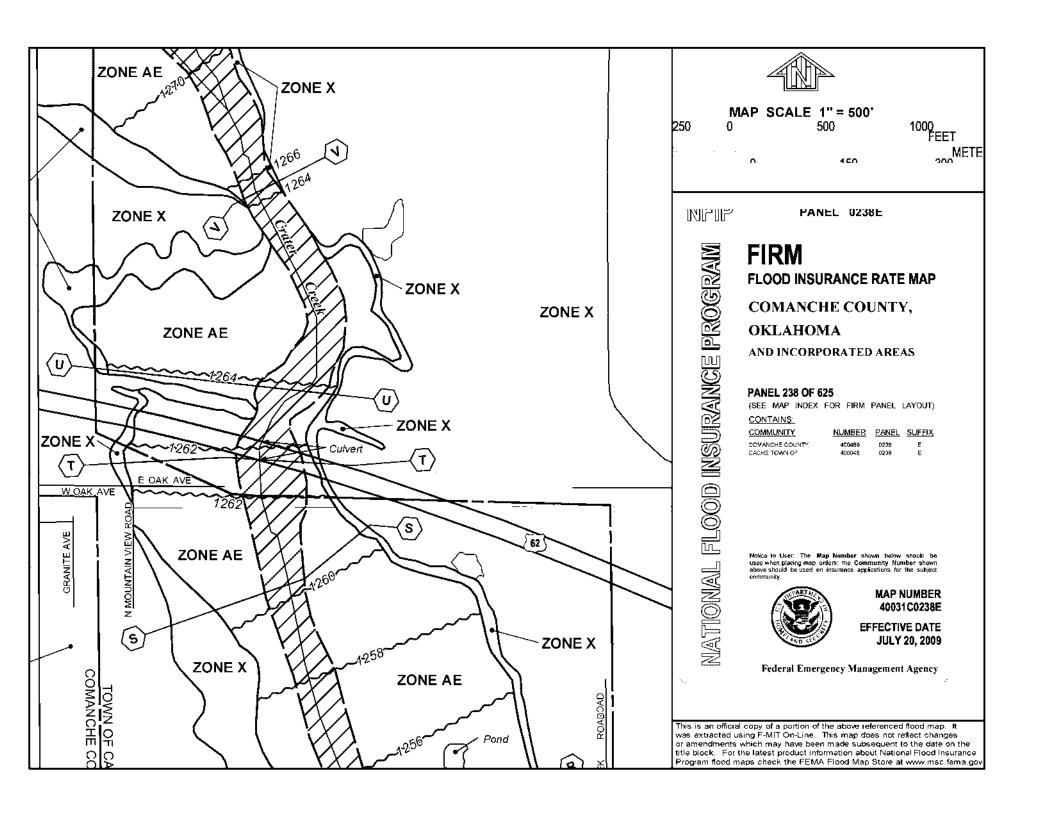


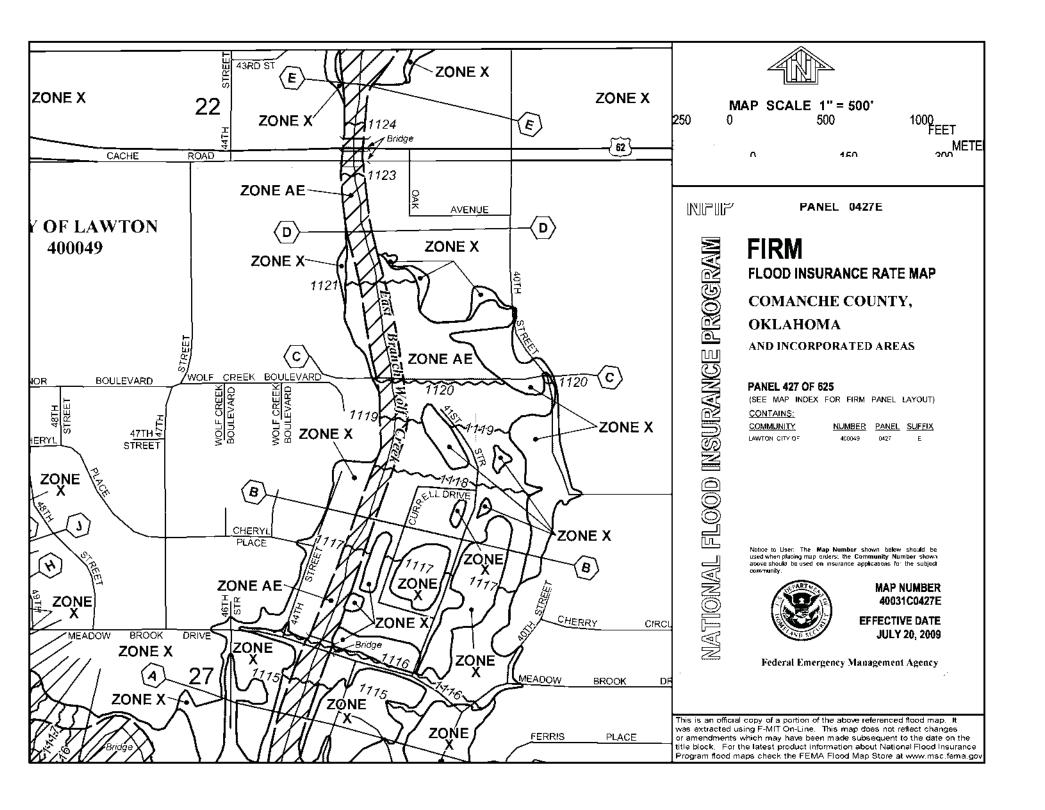














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State: OKLAHOMA County: CUSTER COUNTY Community: CUSTER CO *

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^{*} designates unincorporated areas



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FEMA Issued Flood Maps

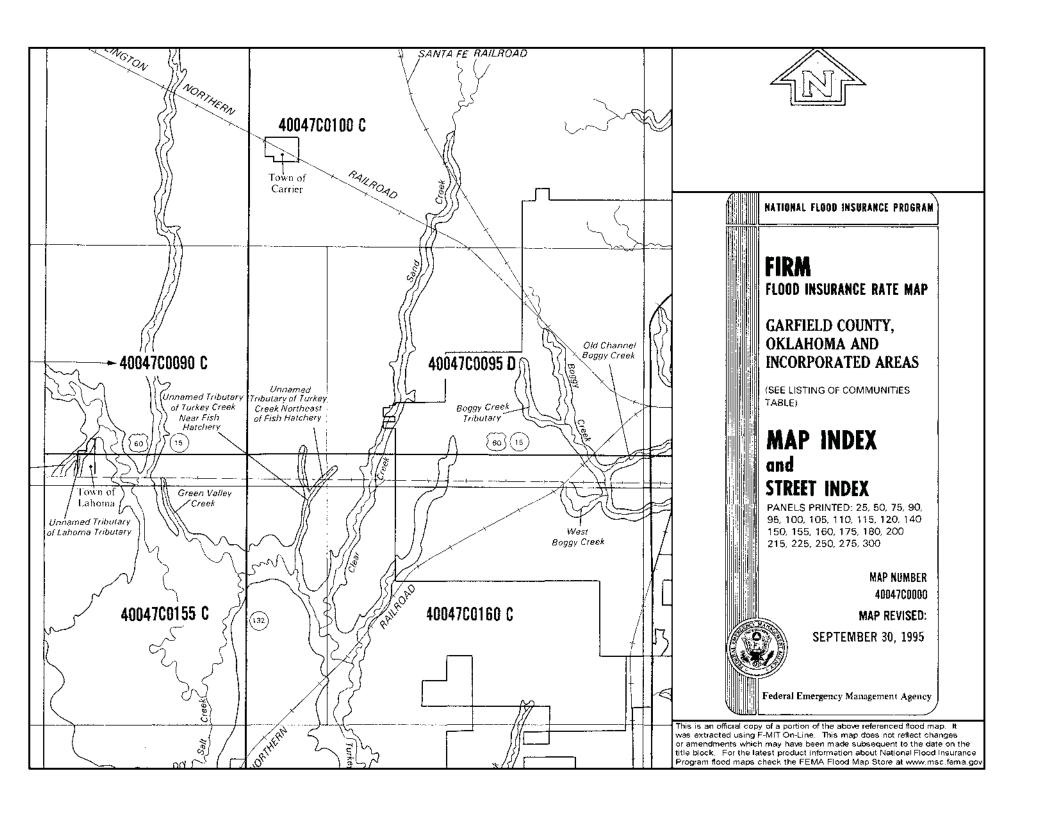
State: OKLAHOMA County: DEWEY COUNTY Community: SEILING, TWN OF

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* designates unincorporated areas

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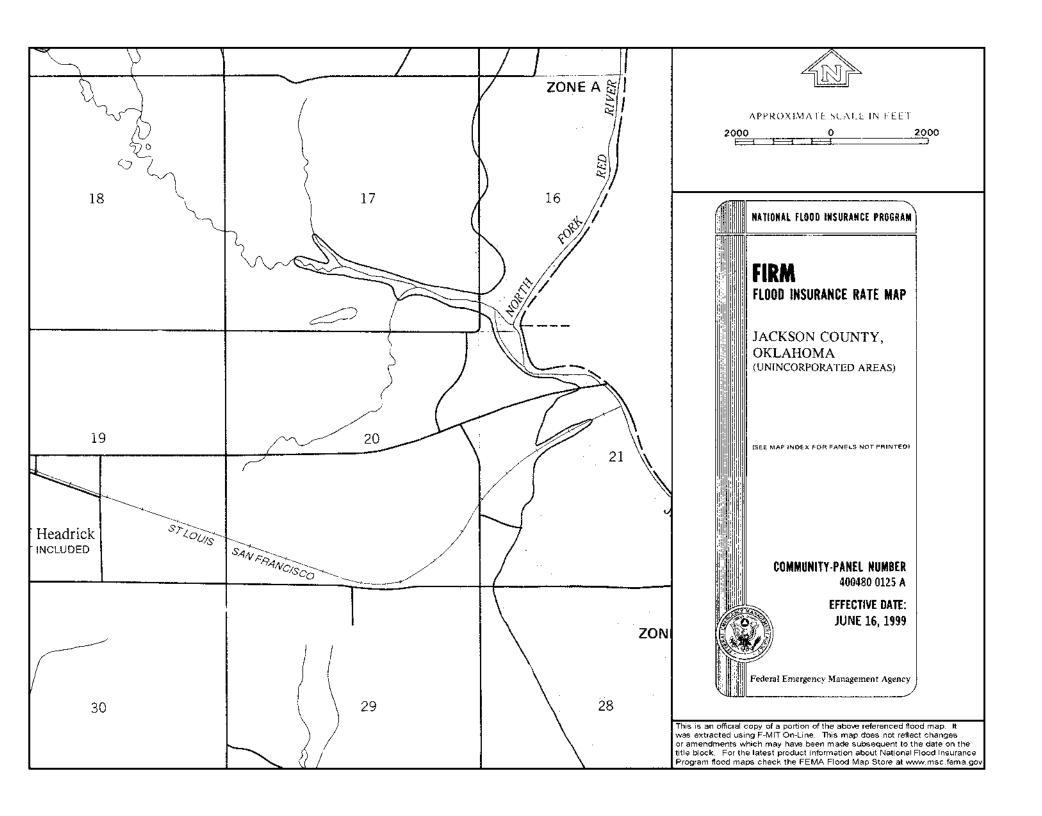
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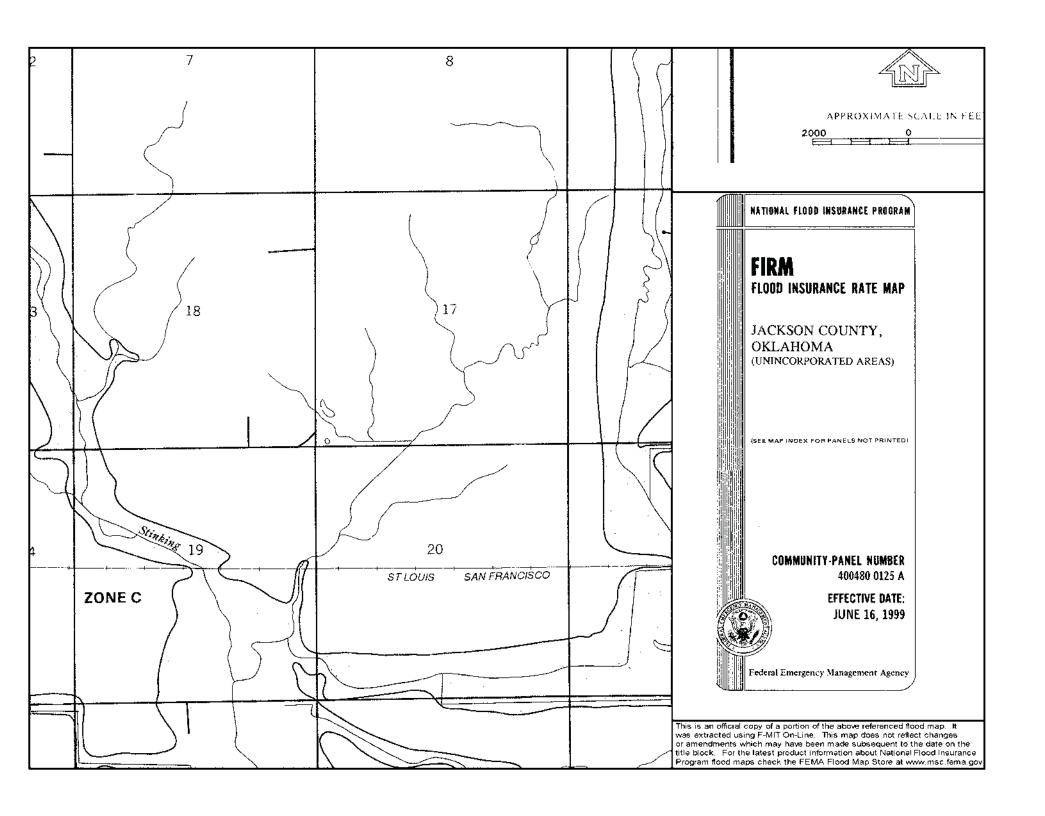
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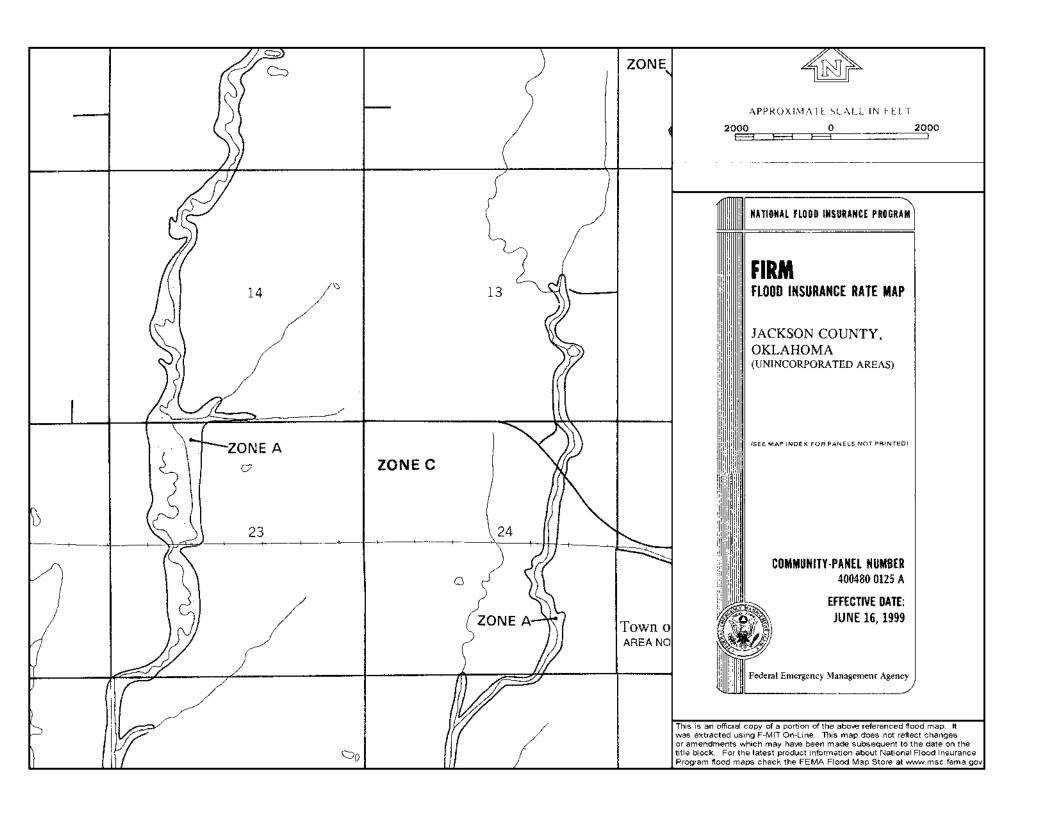
* designates unincorporated areas

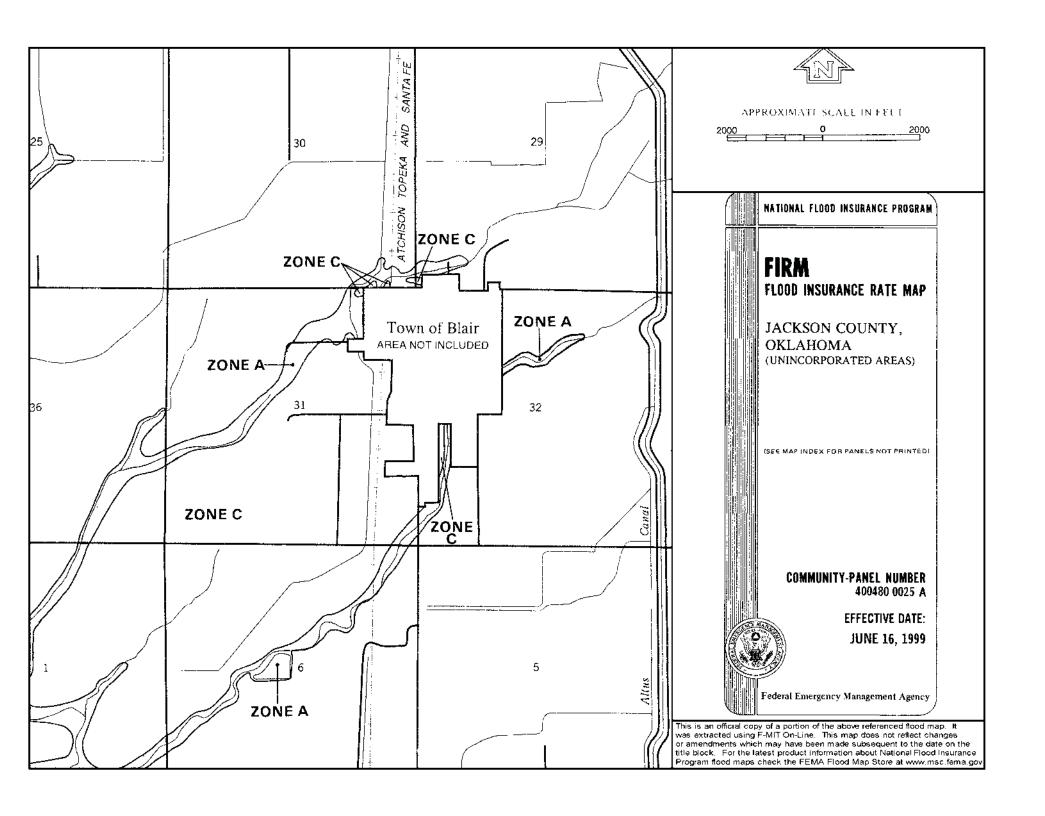
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FEMA Issued Flood Maps

State: OKLAHOMA County: JEFFERSON COUNTY Community: JEFFERSON CO

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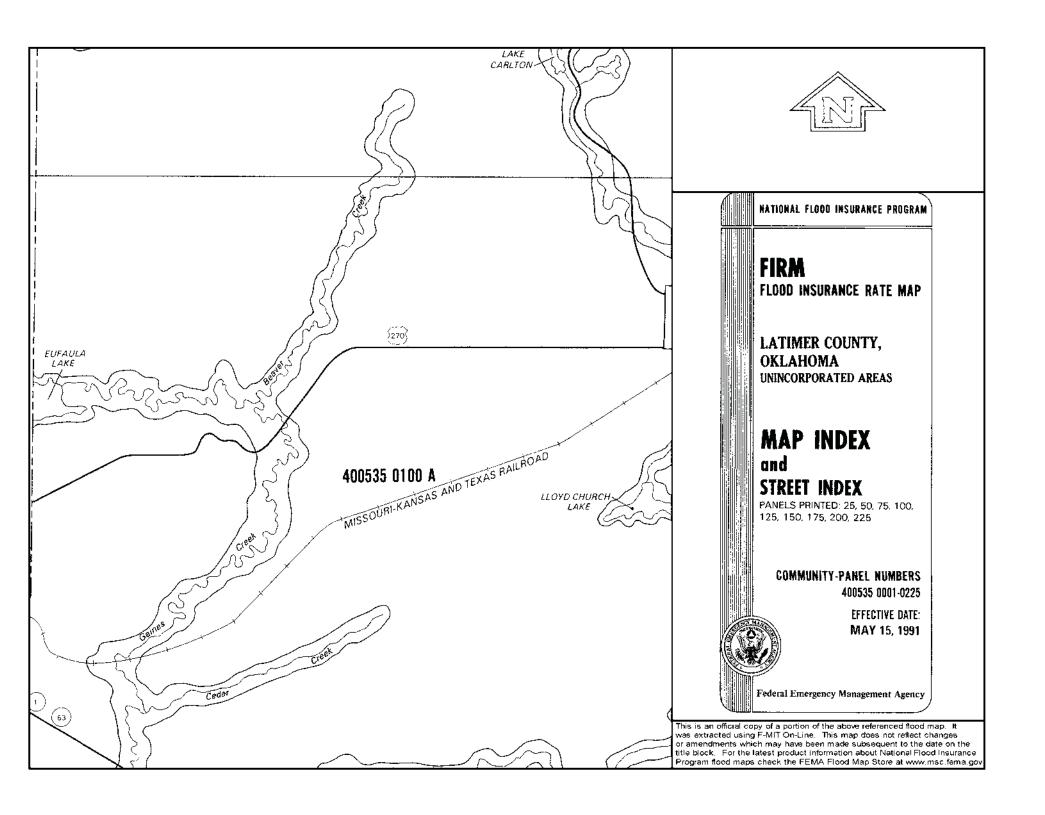
FEMA Issued Flood Maps

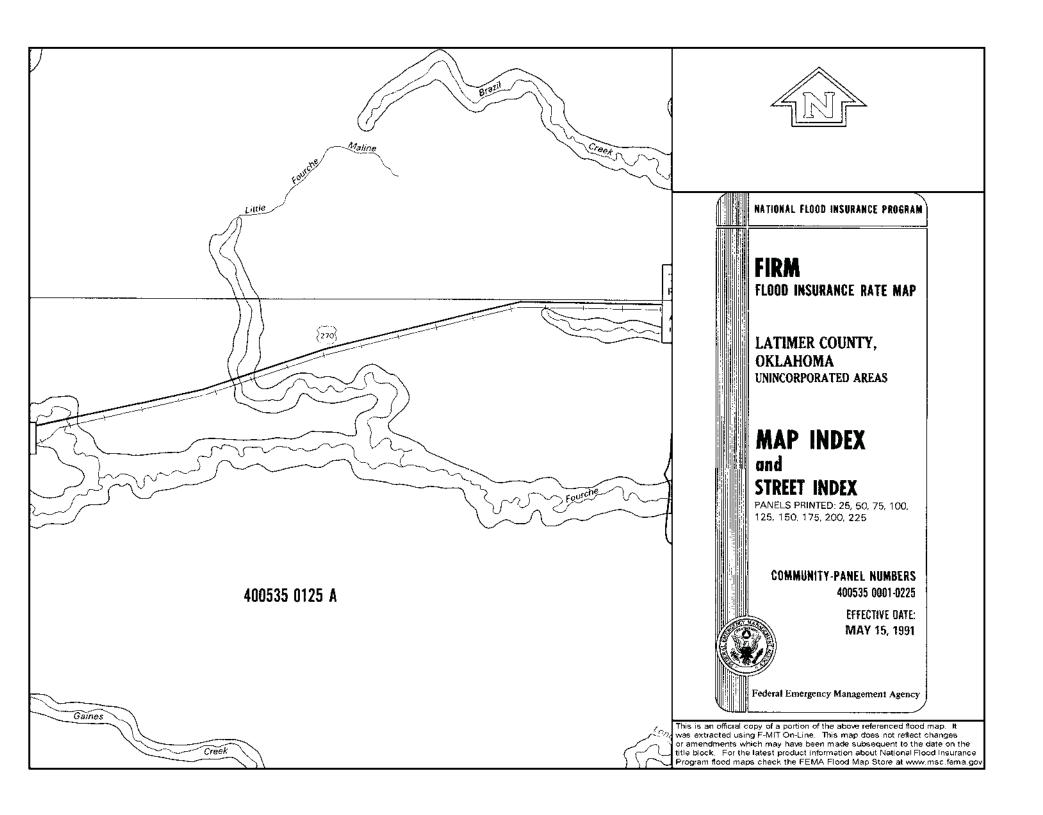
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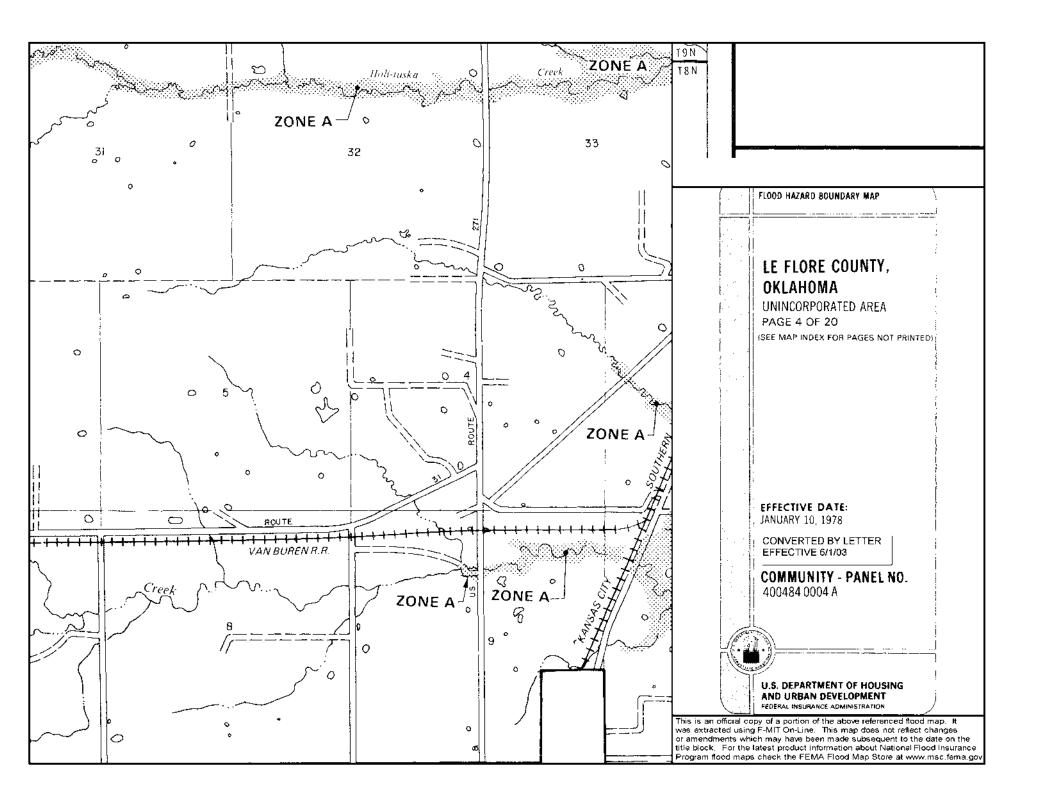
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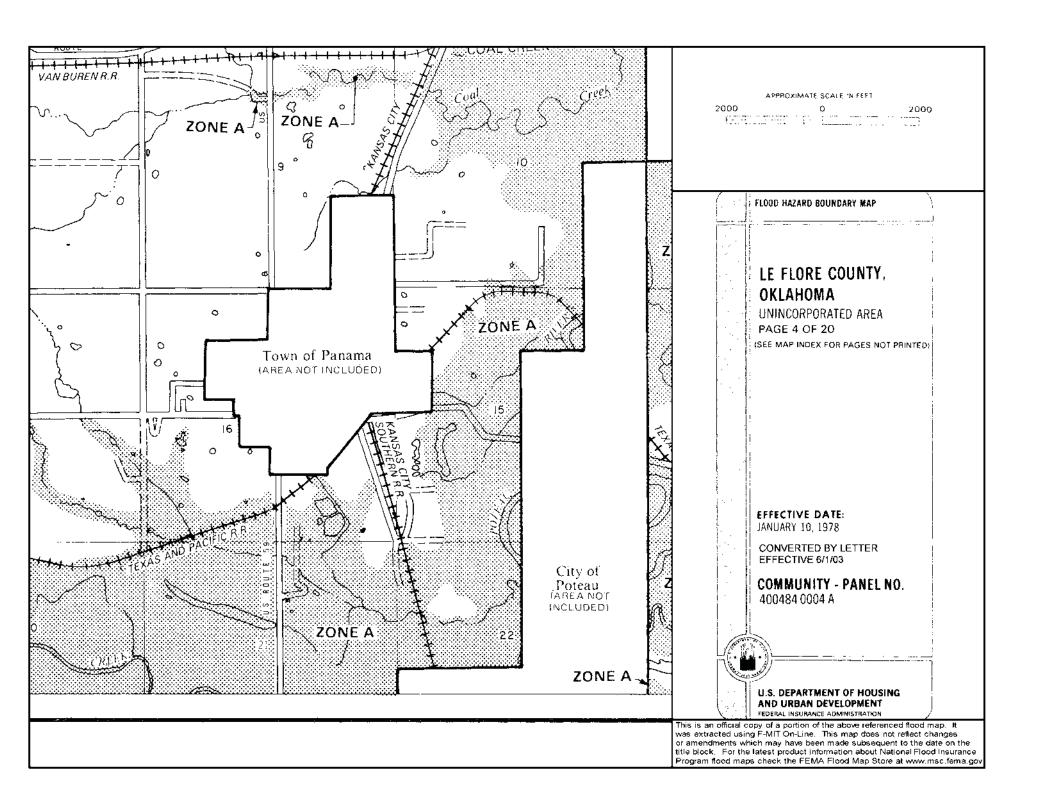
* designates unincorporated areas

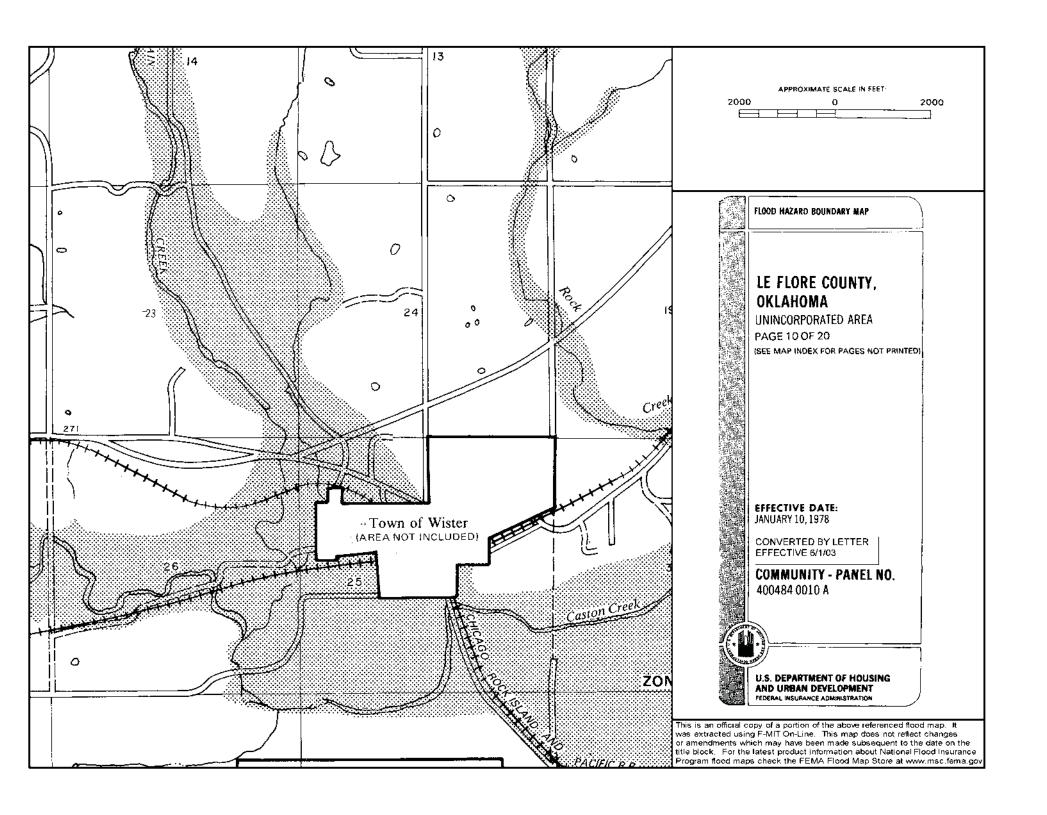
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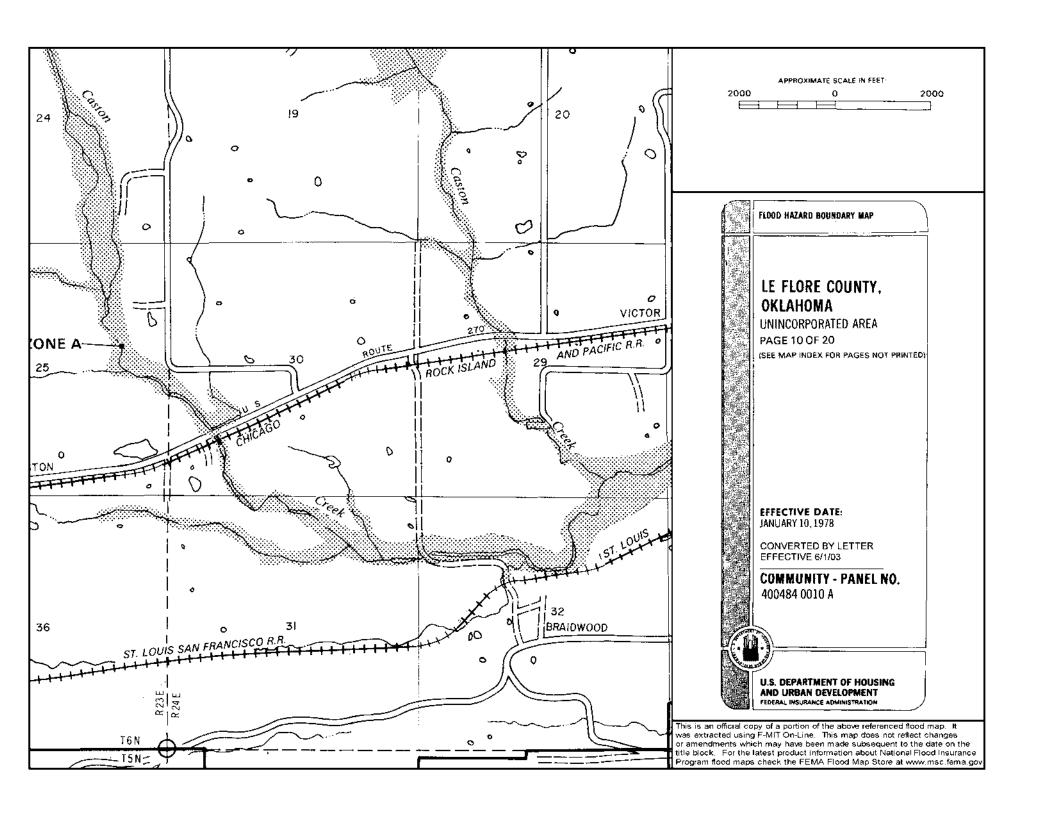


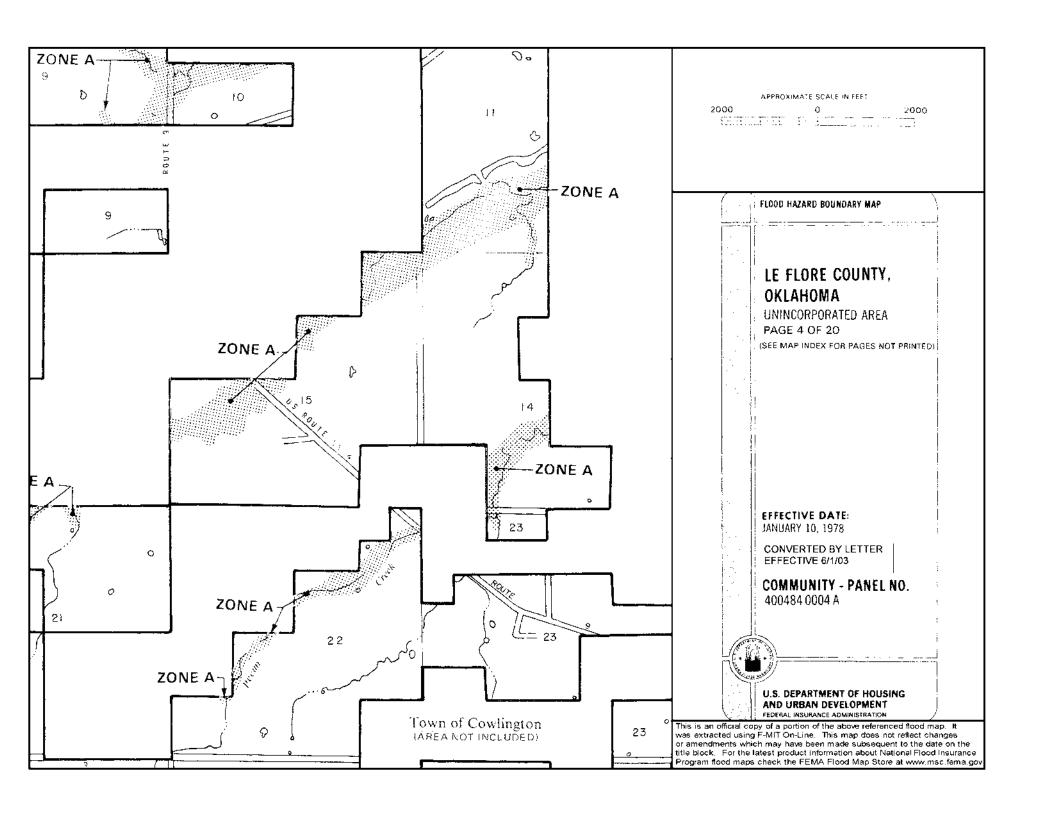


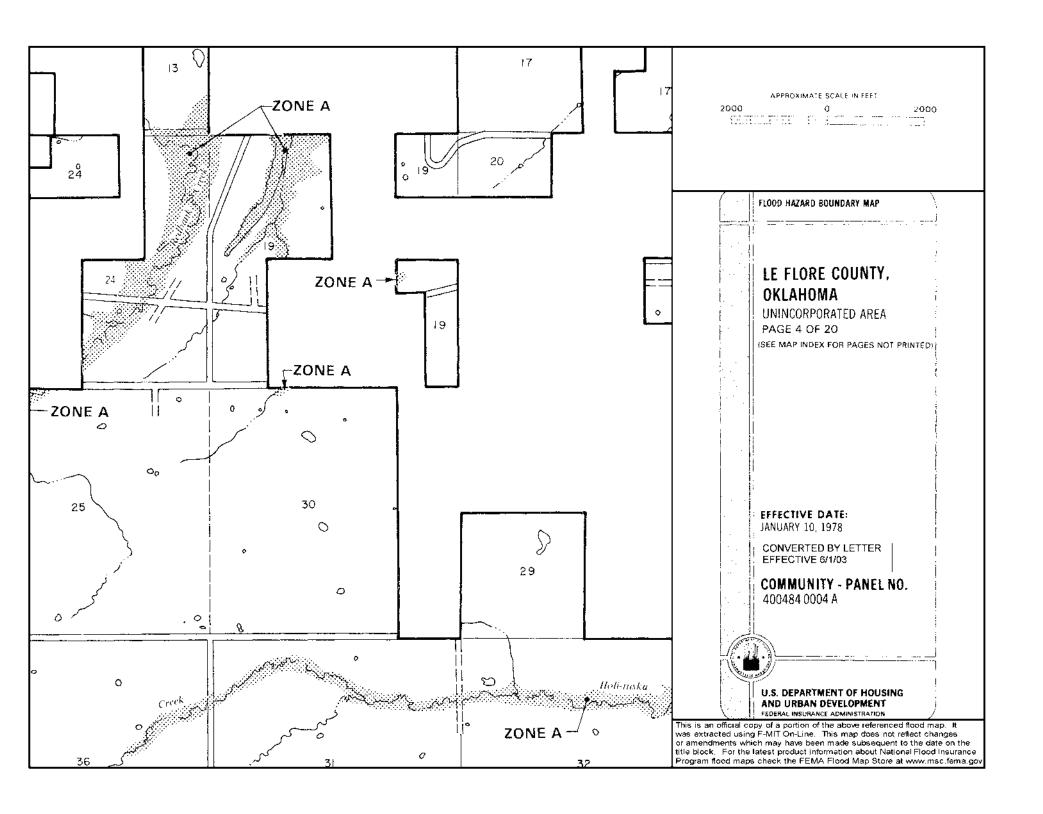


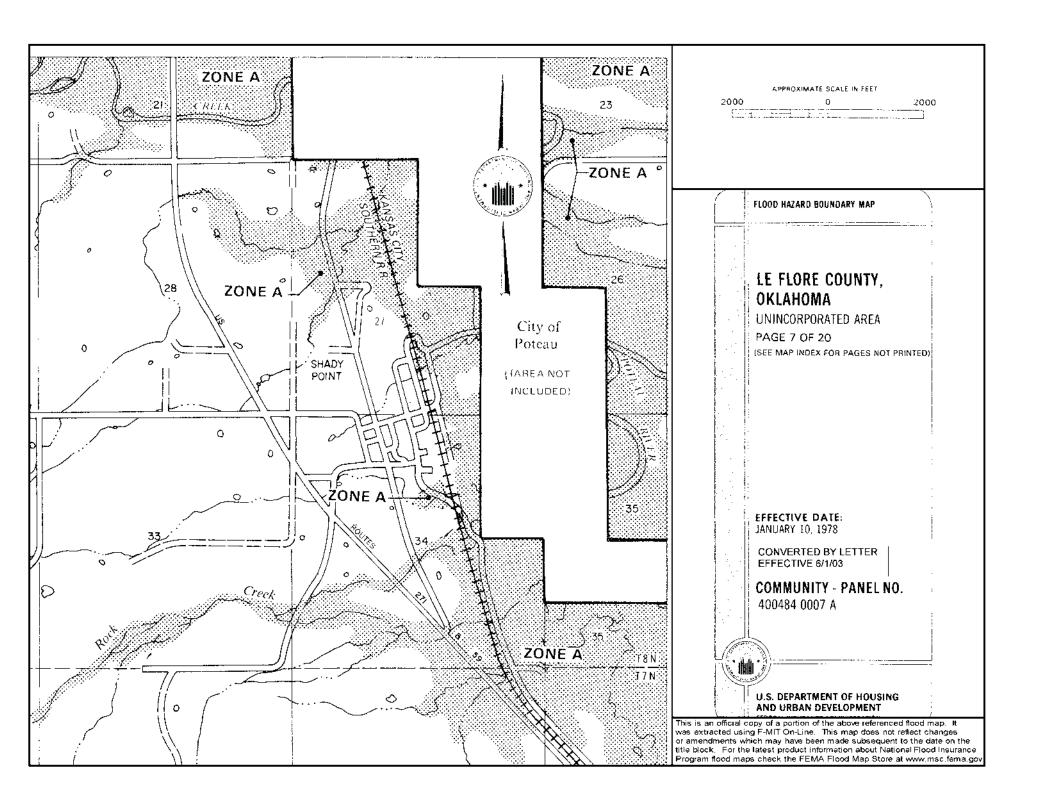














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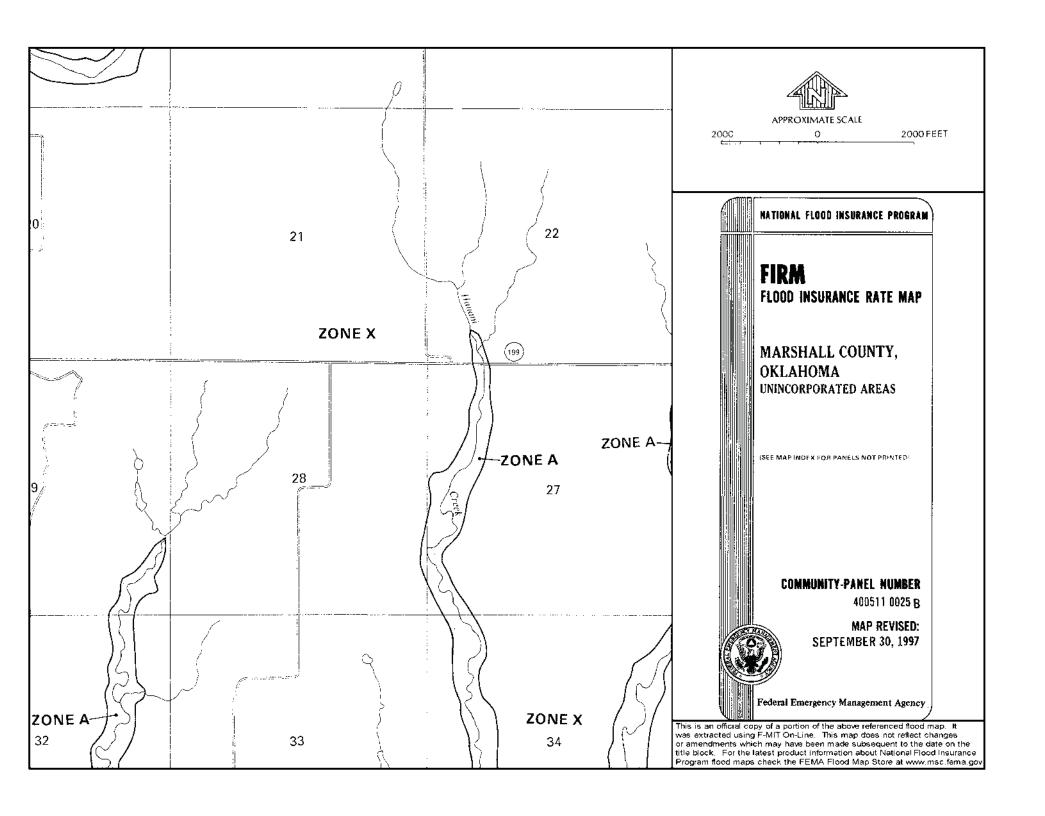
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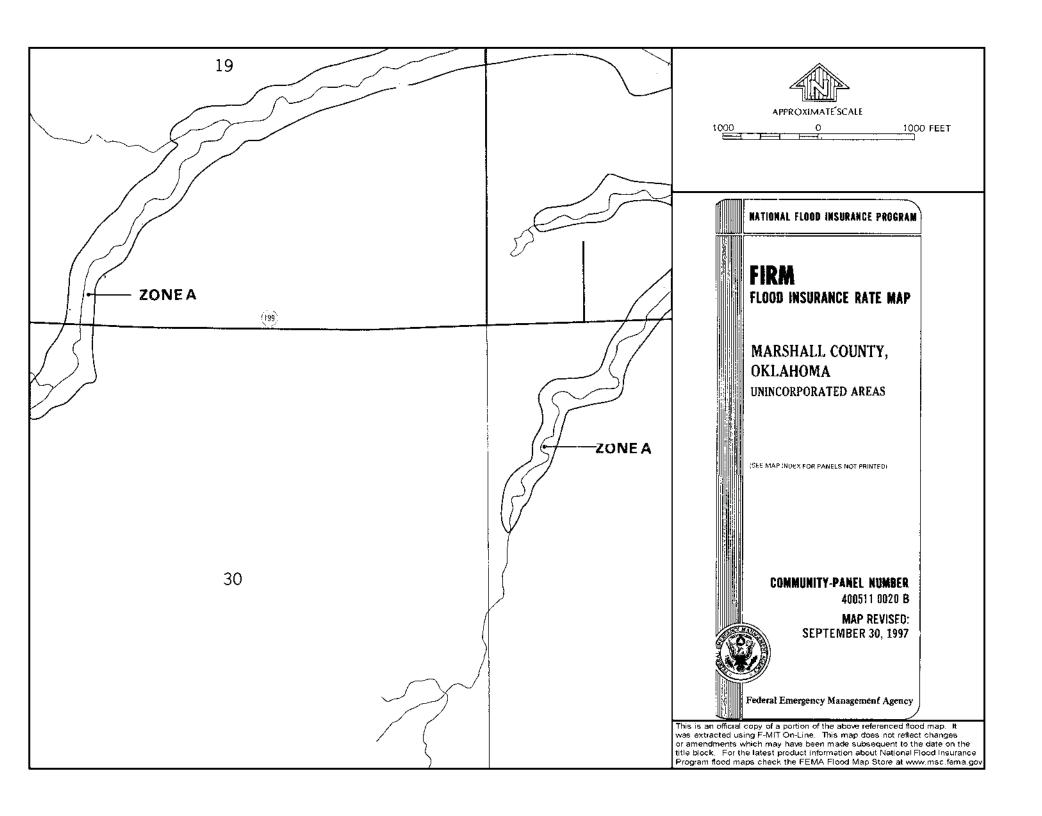
State: OKLAHOMA County: MAJOR COUNTY Community: MAJOR CO

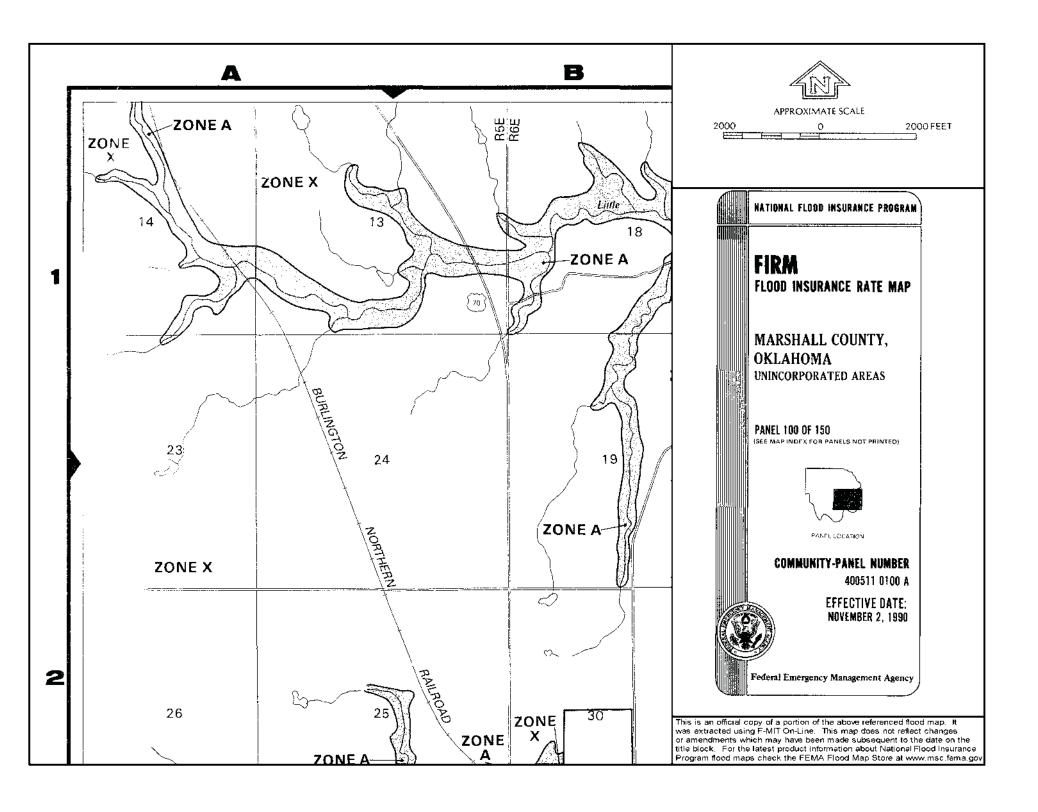
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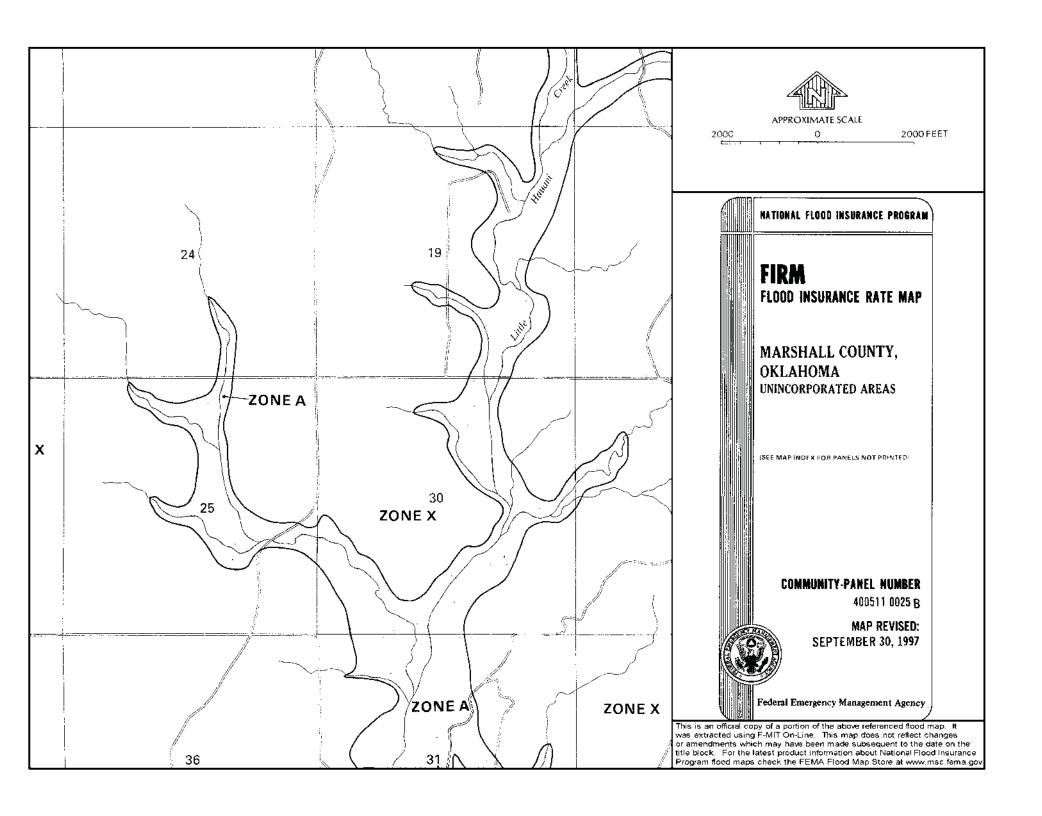
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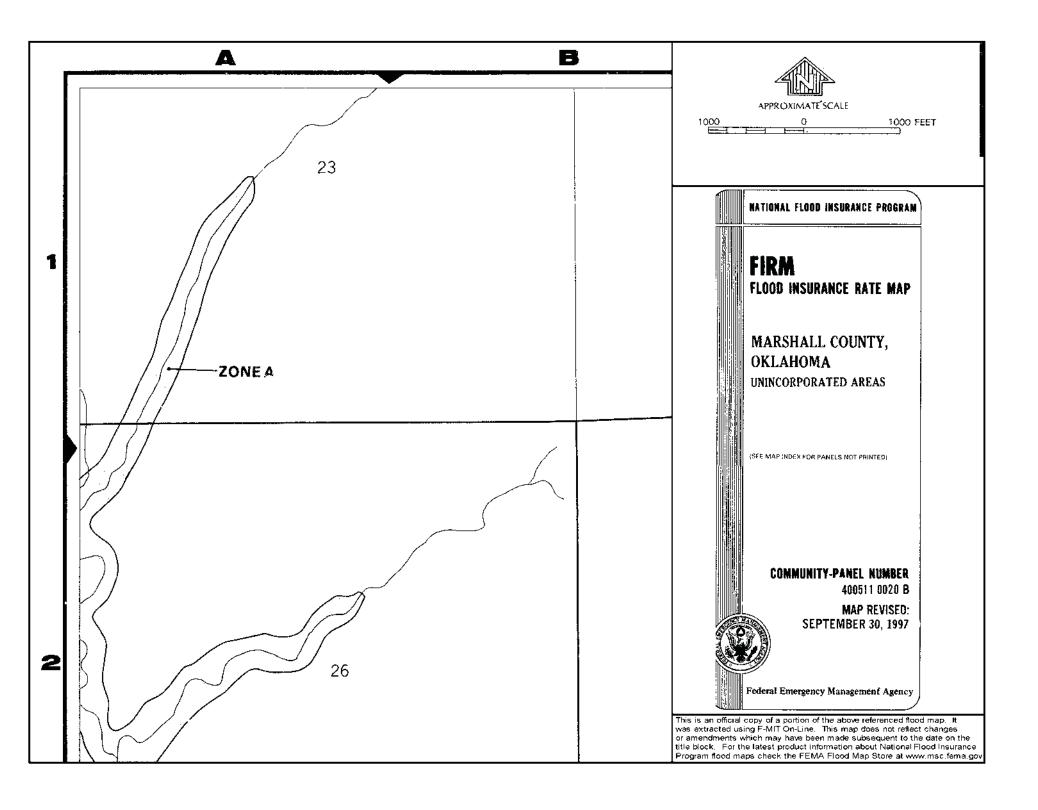
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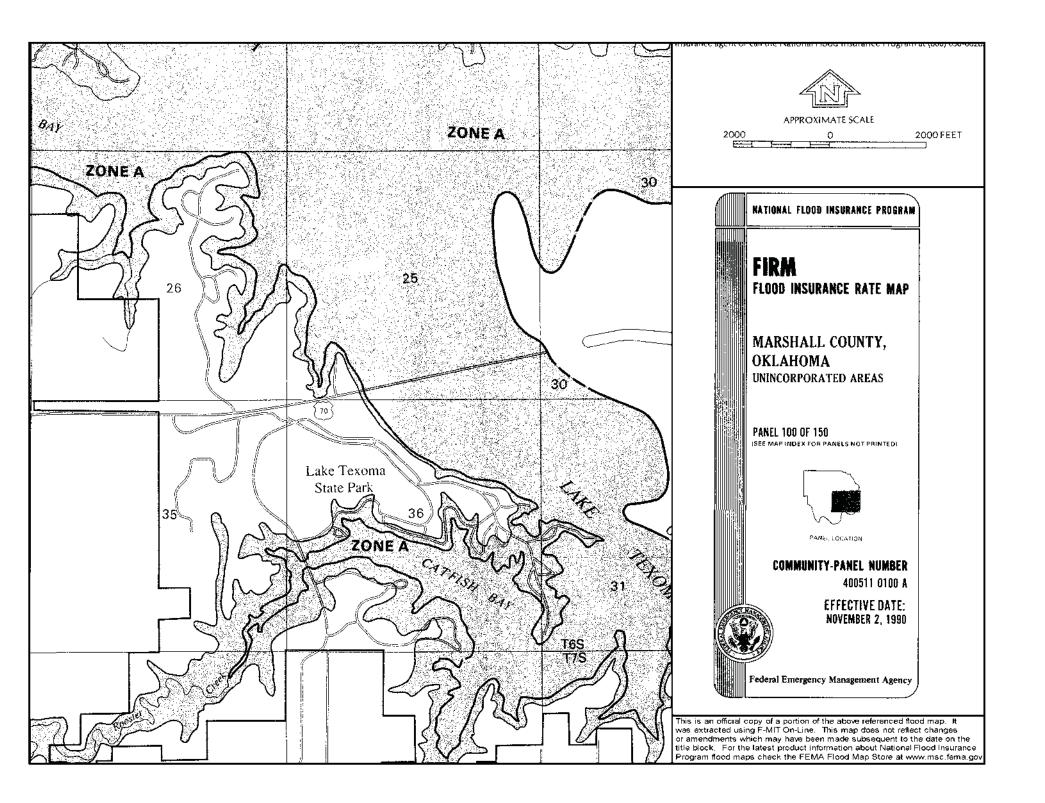














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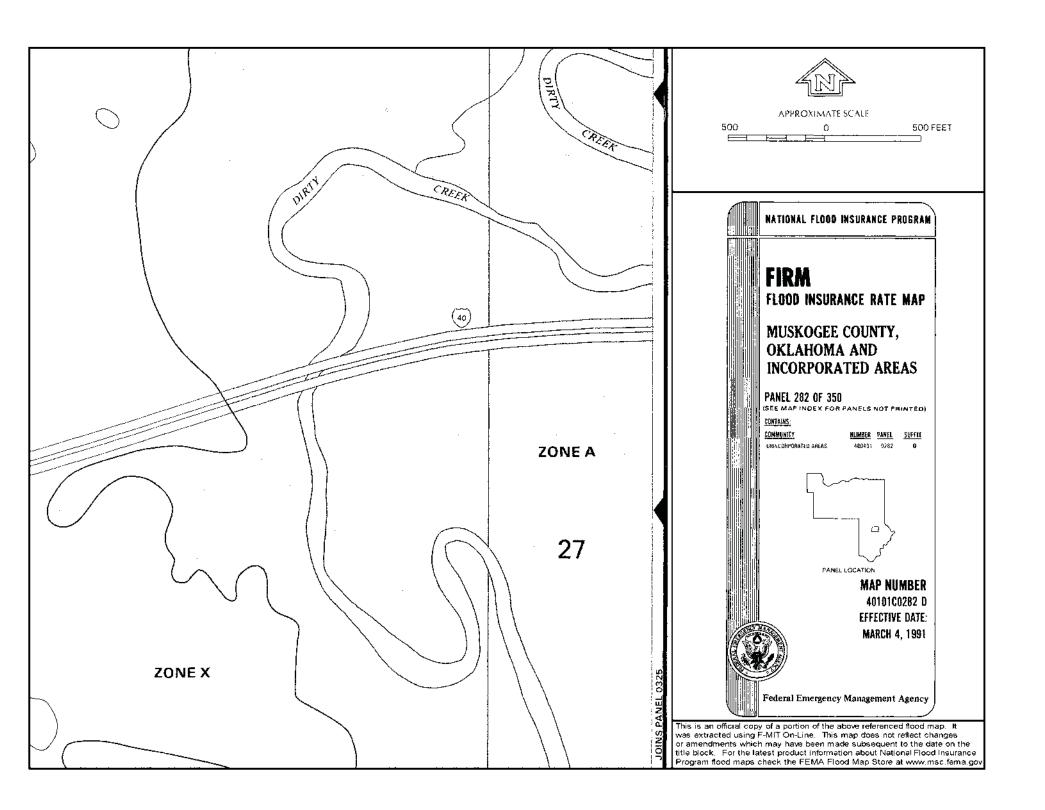
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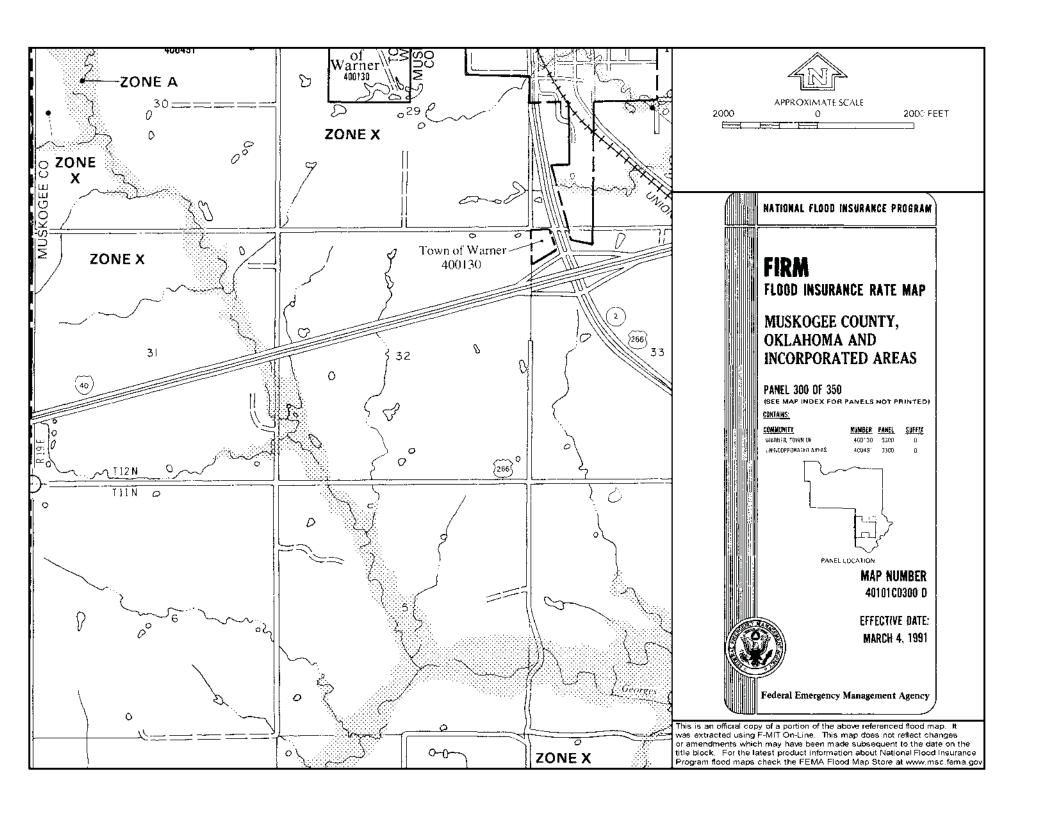
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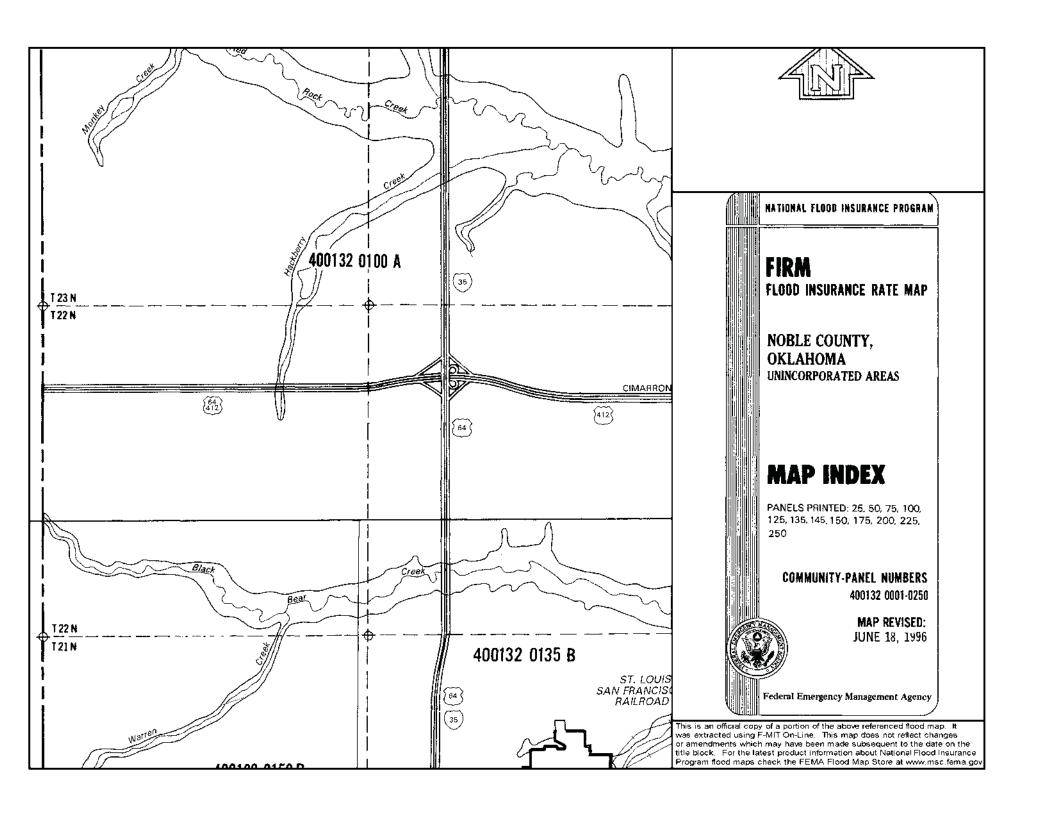
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* designates unincorporated areas

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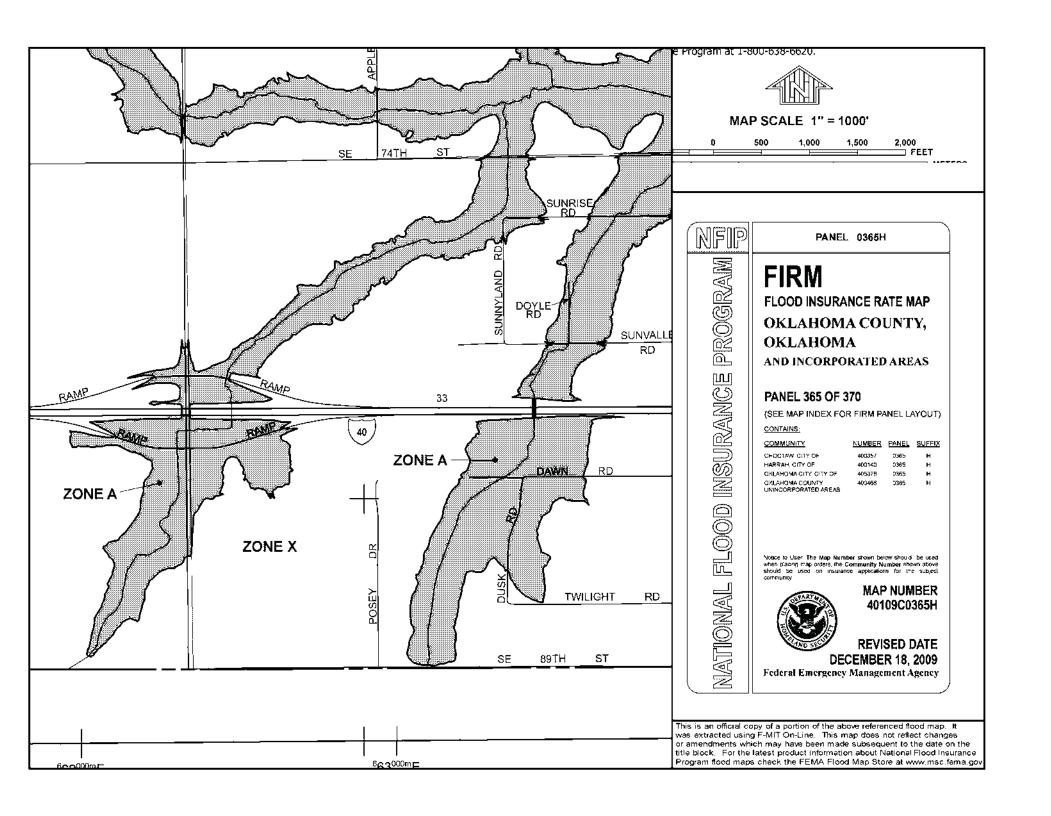
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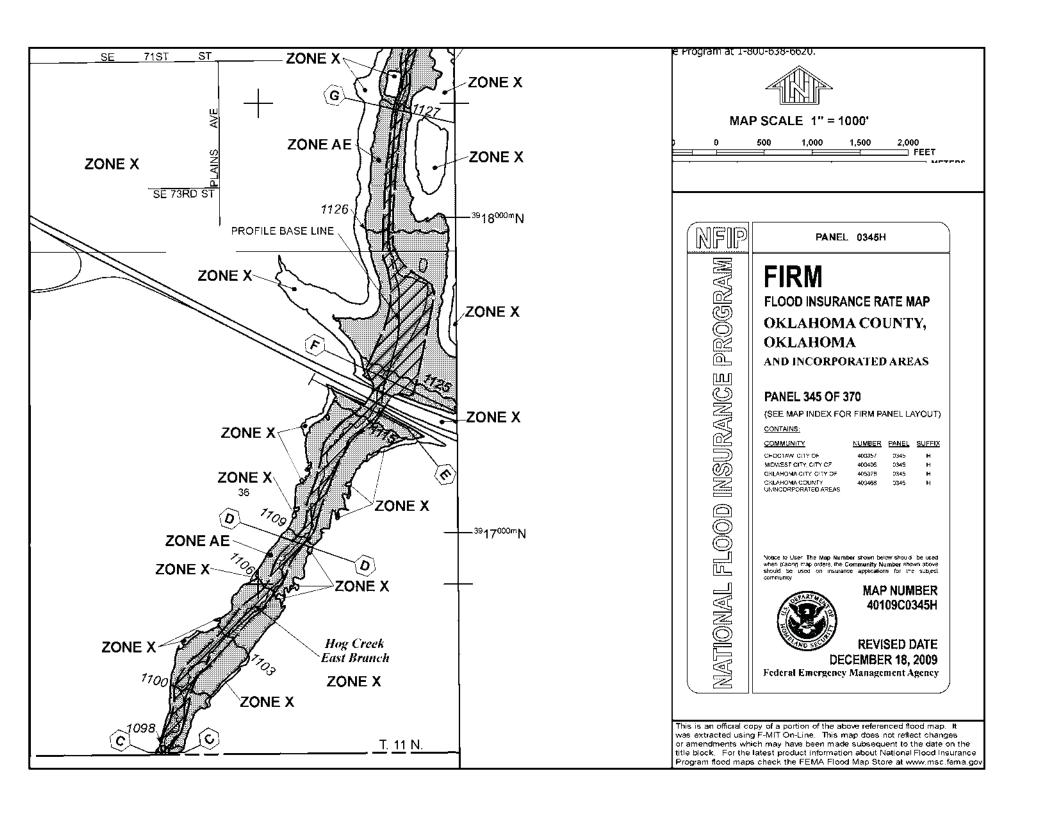
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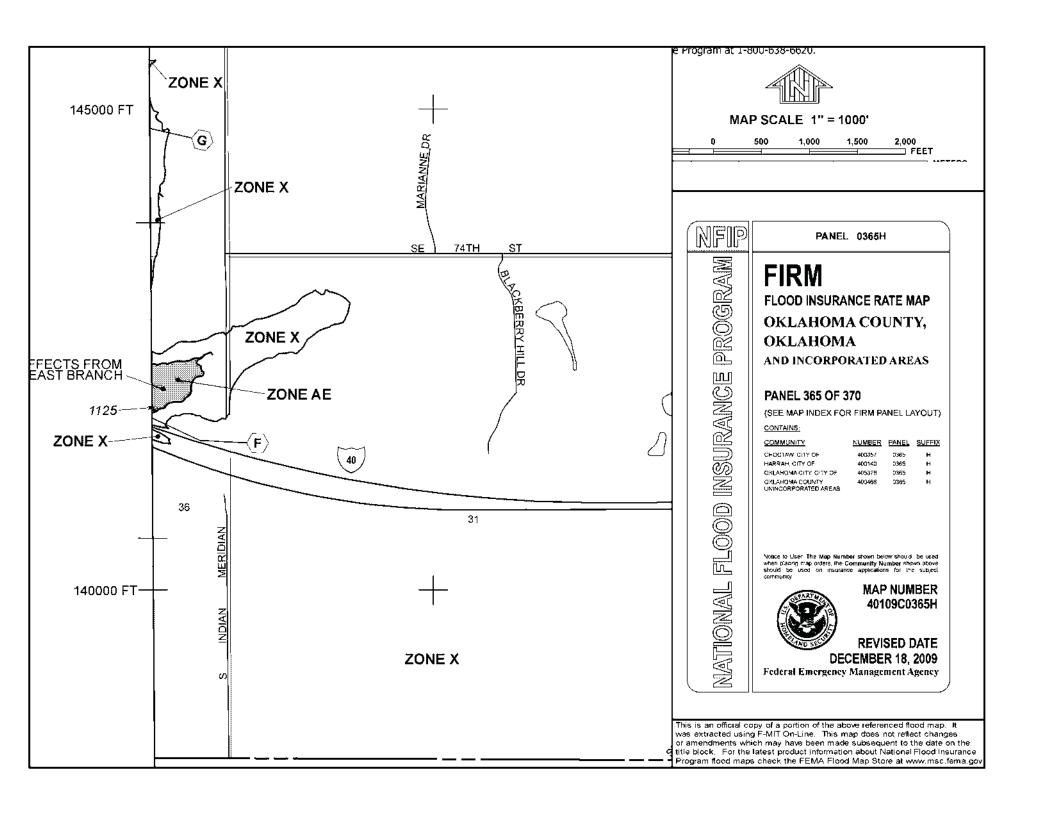
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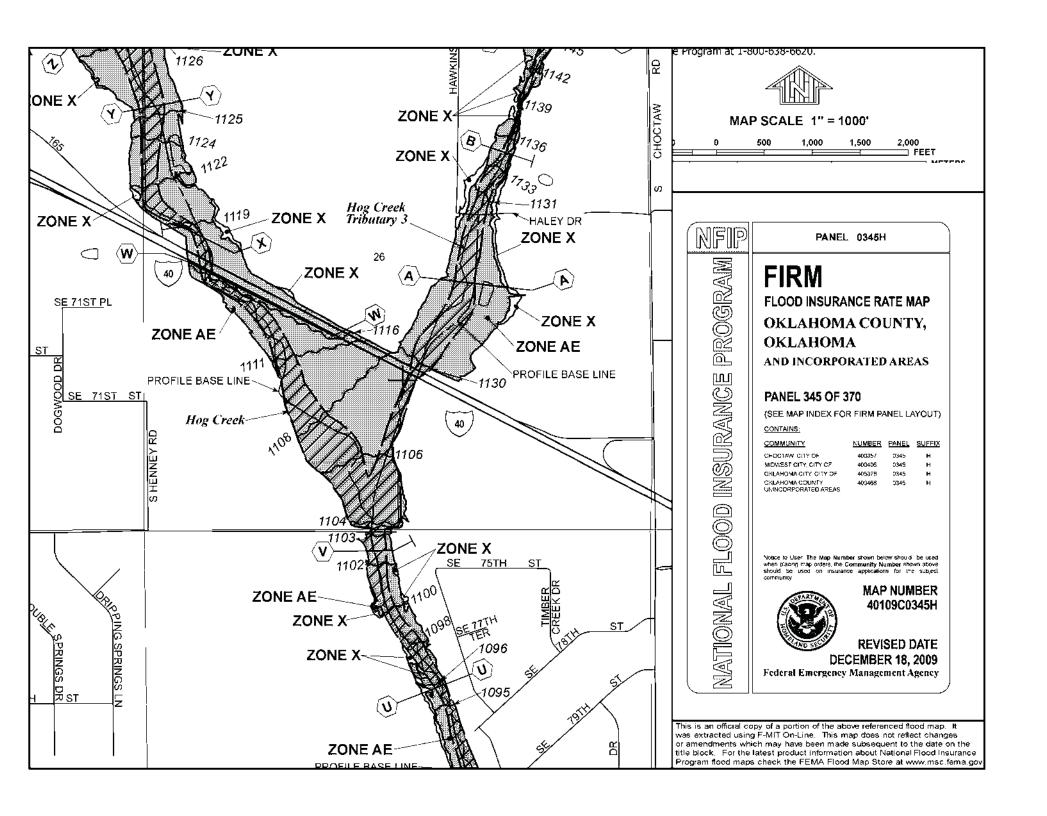
* designates unincorporated areas

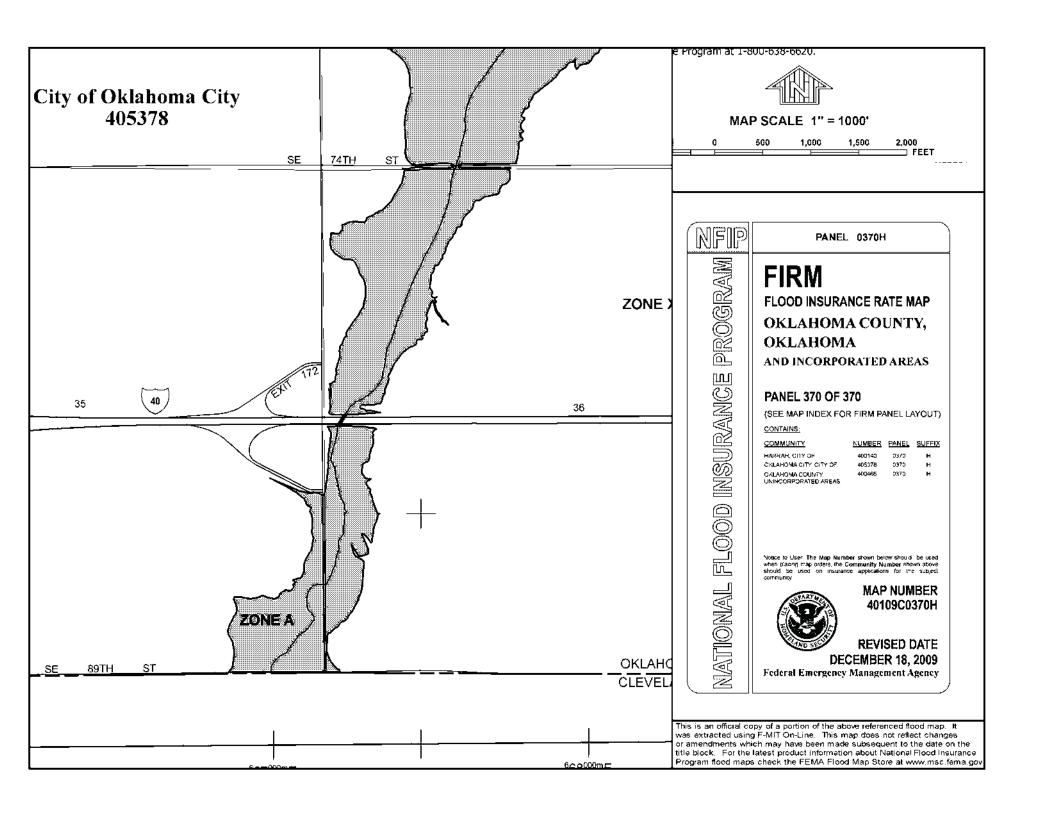
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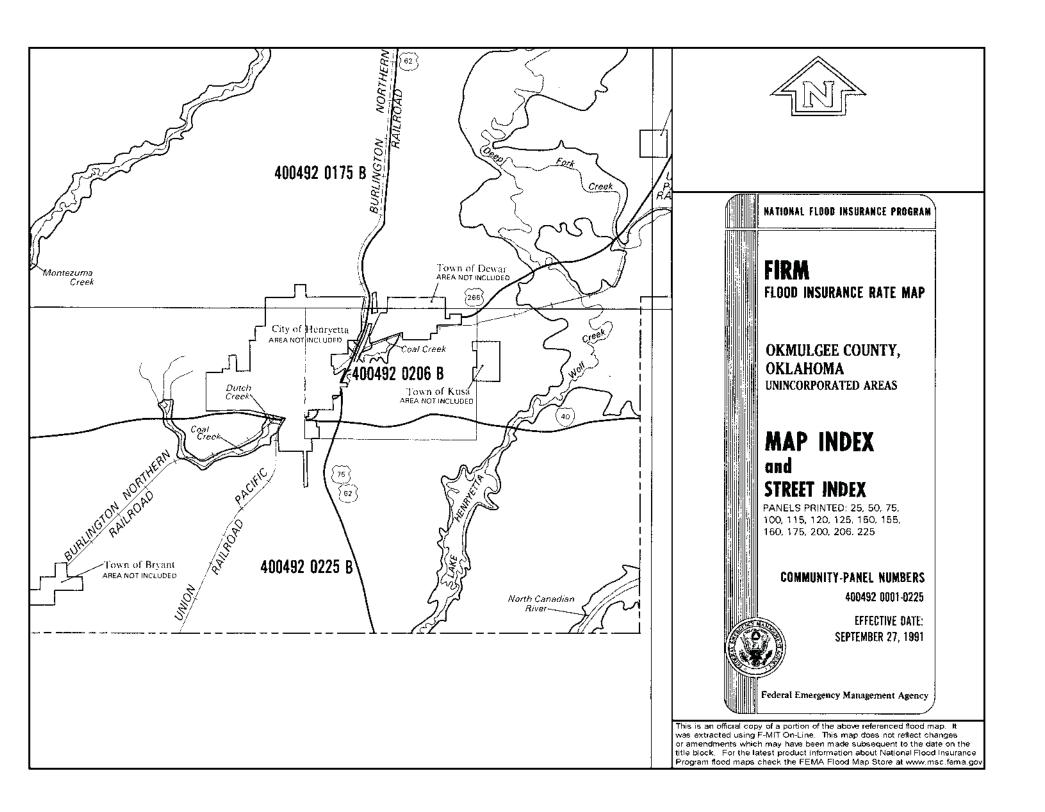


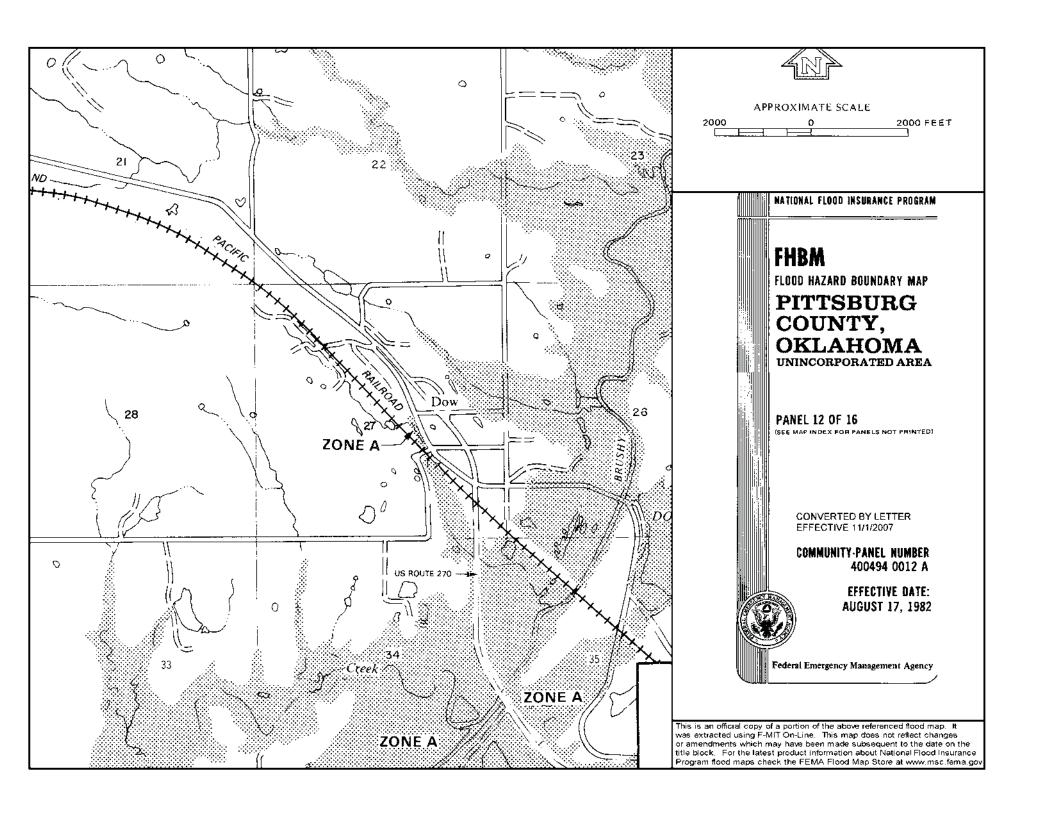


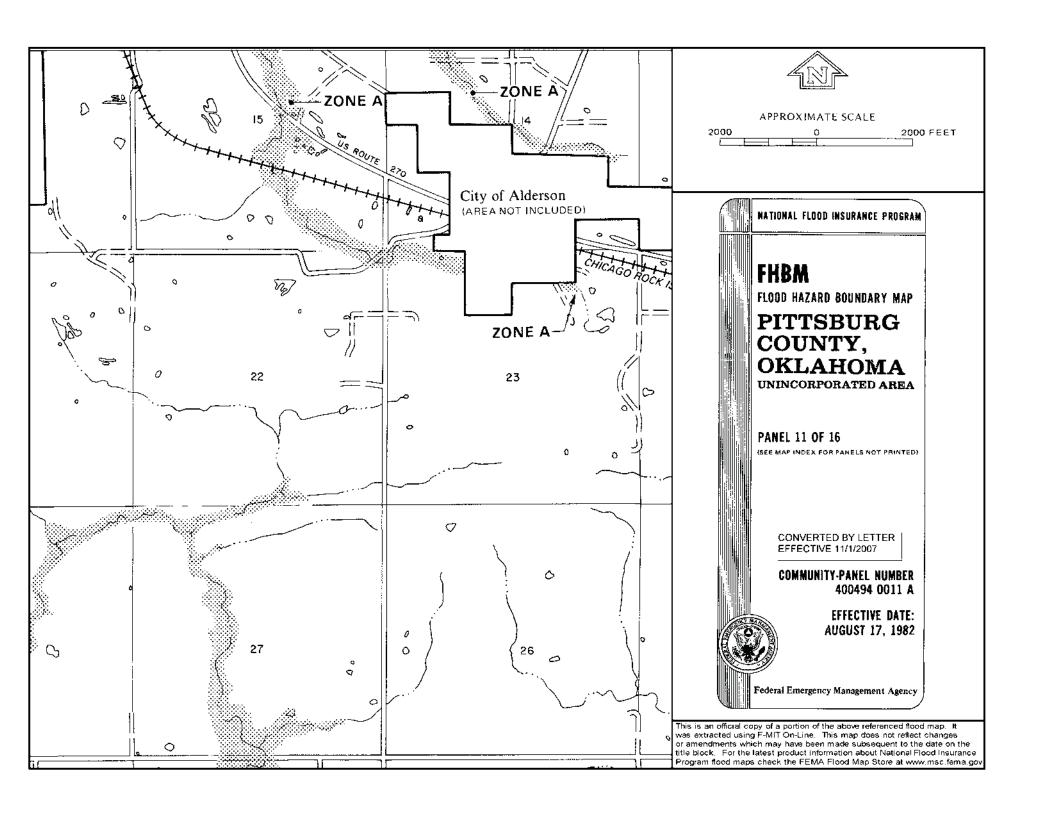


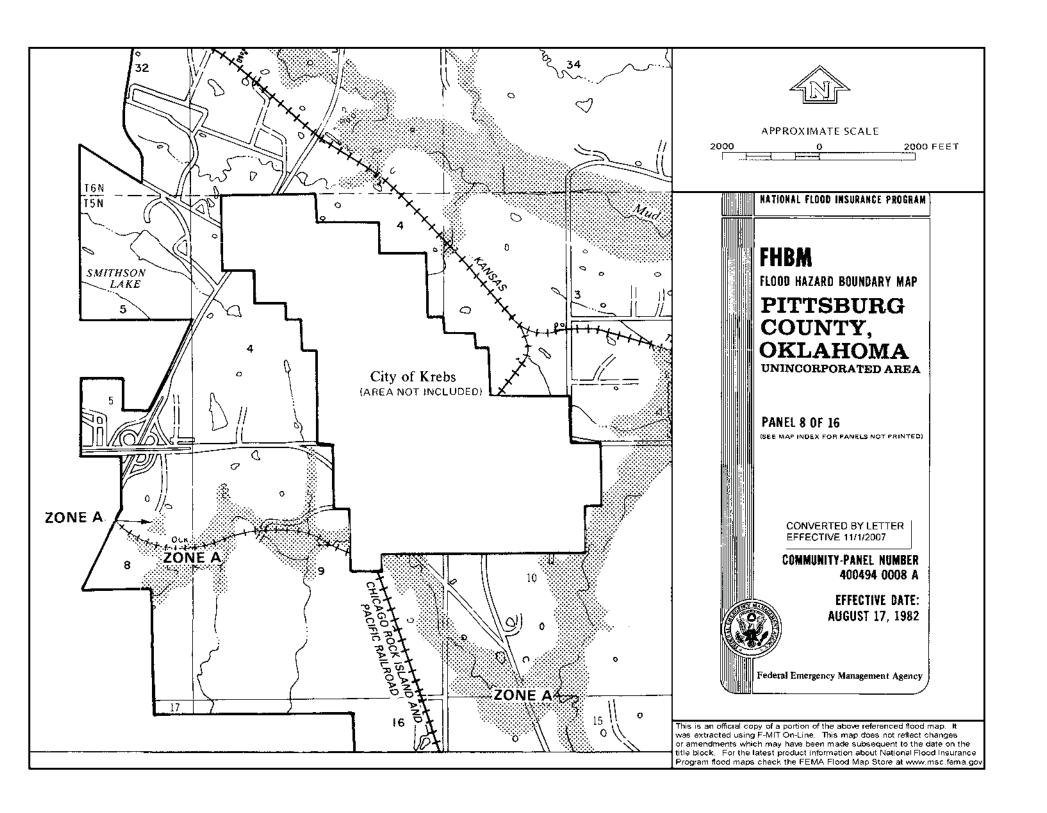


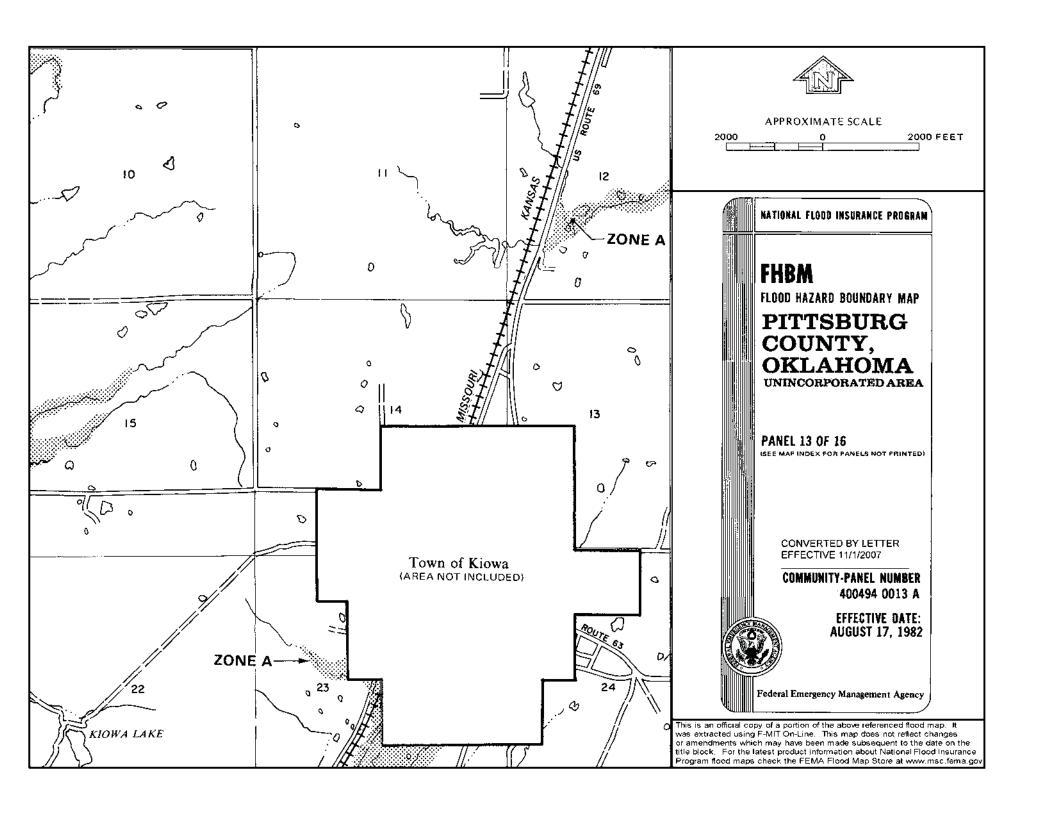


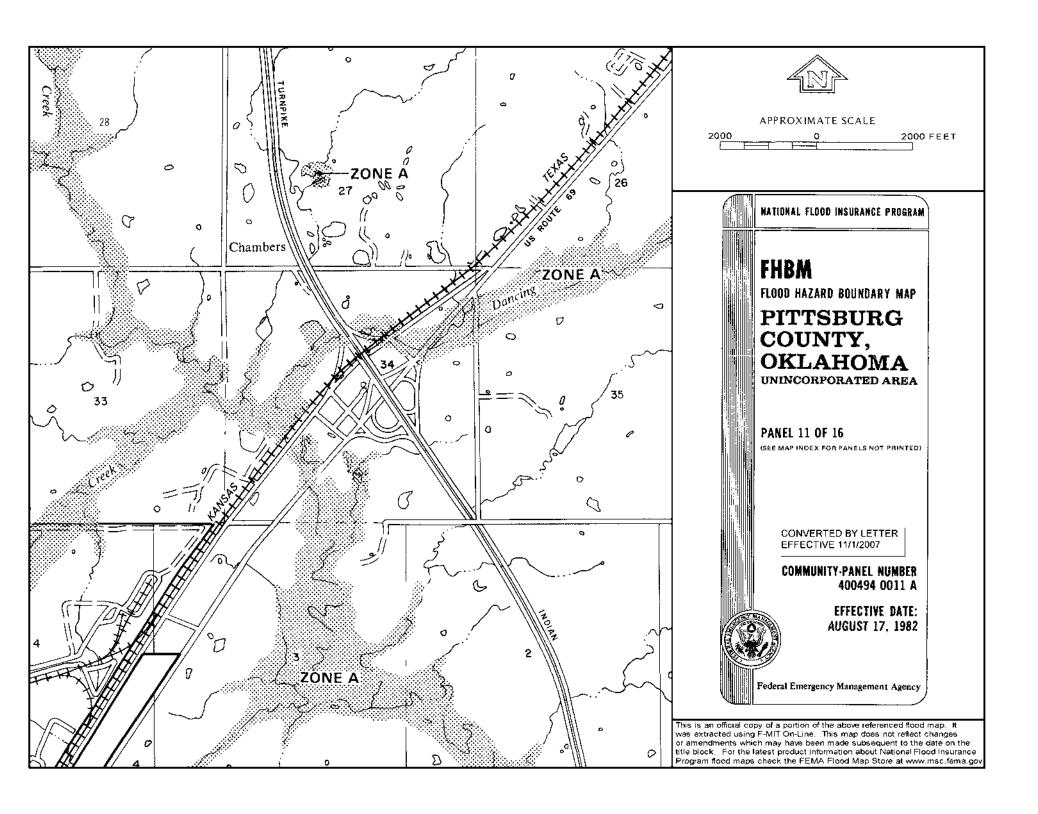


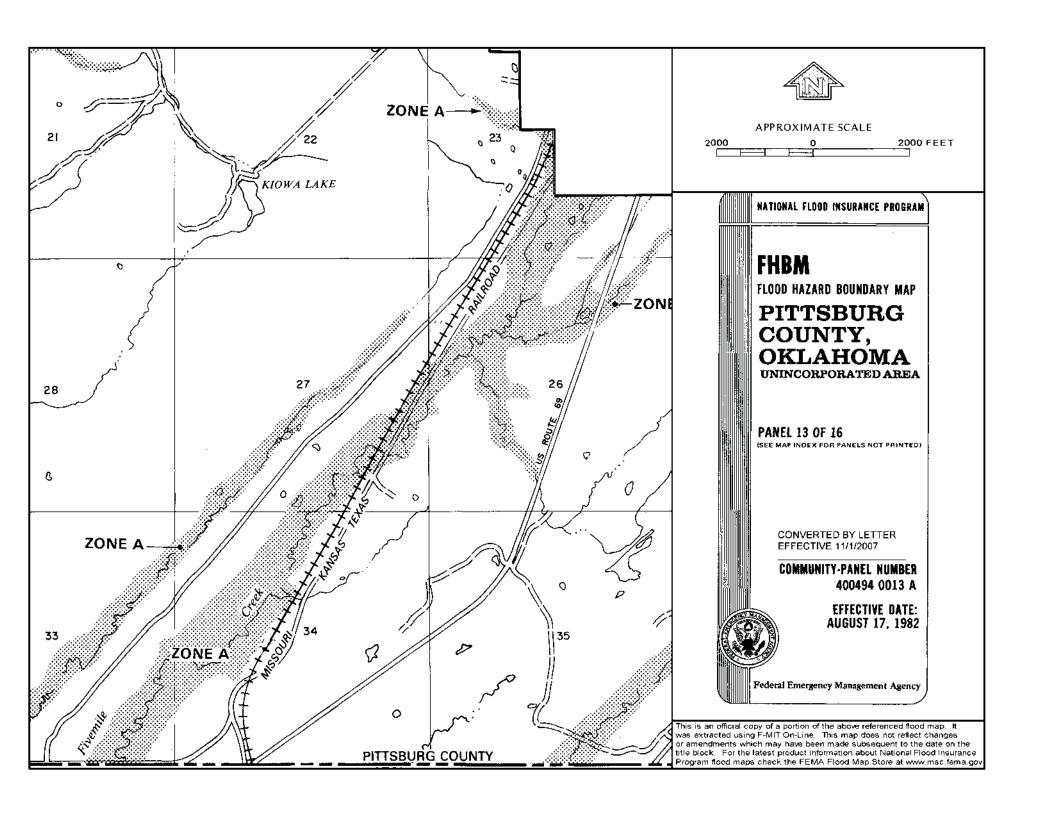


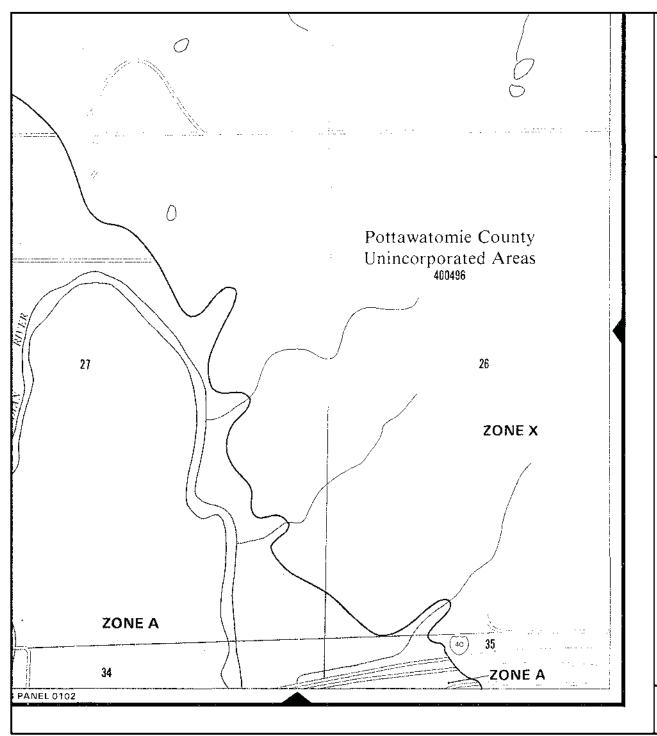








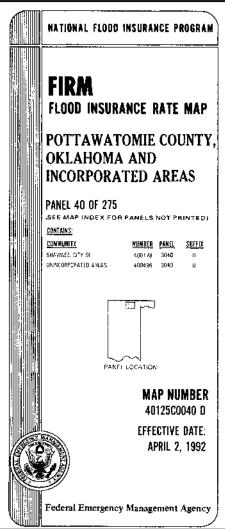




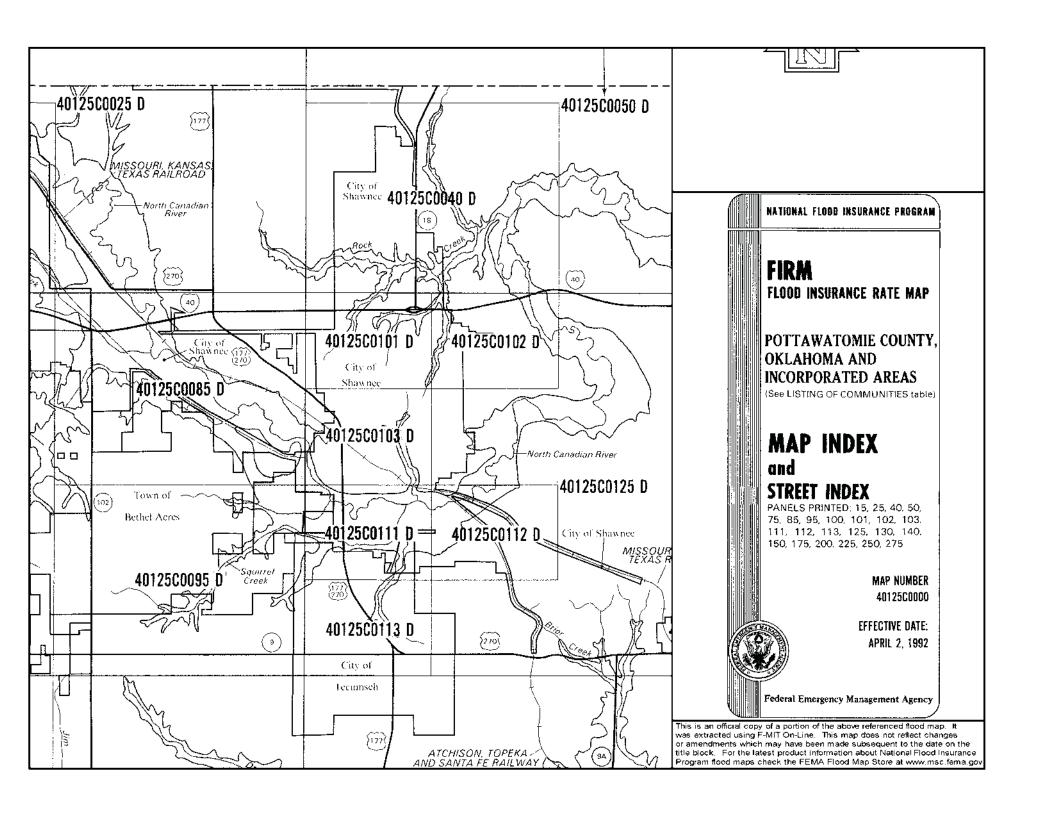


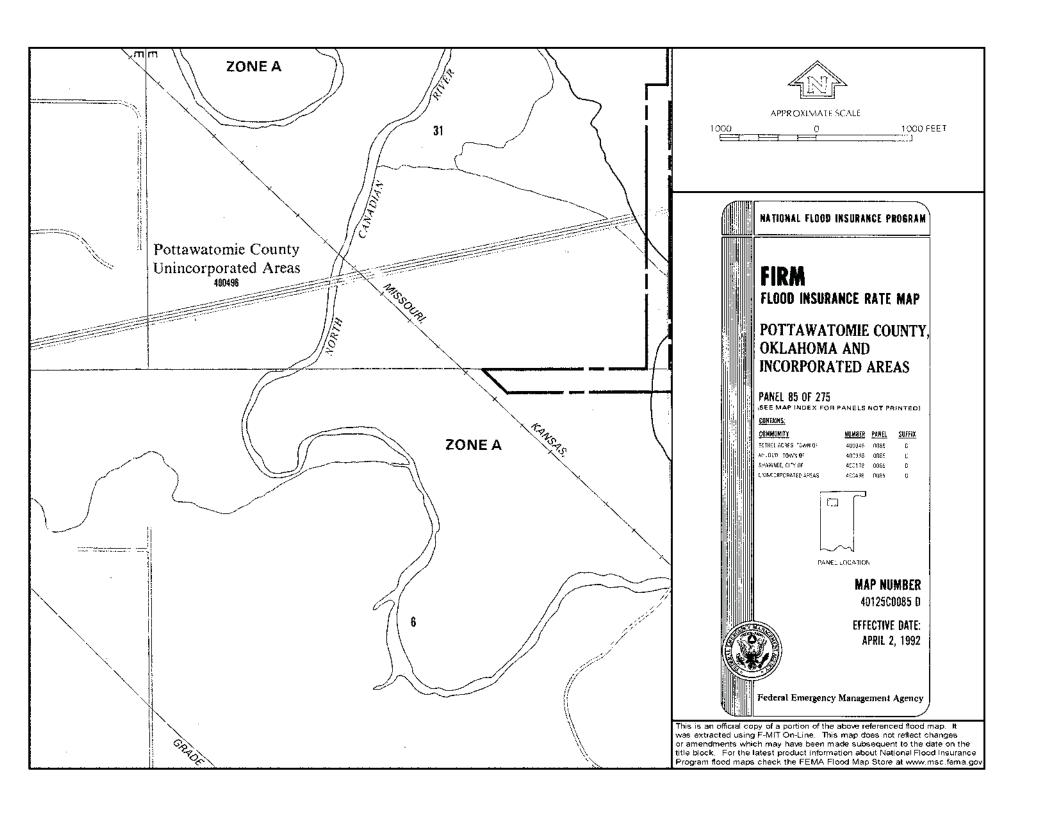
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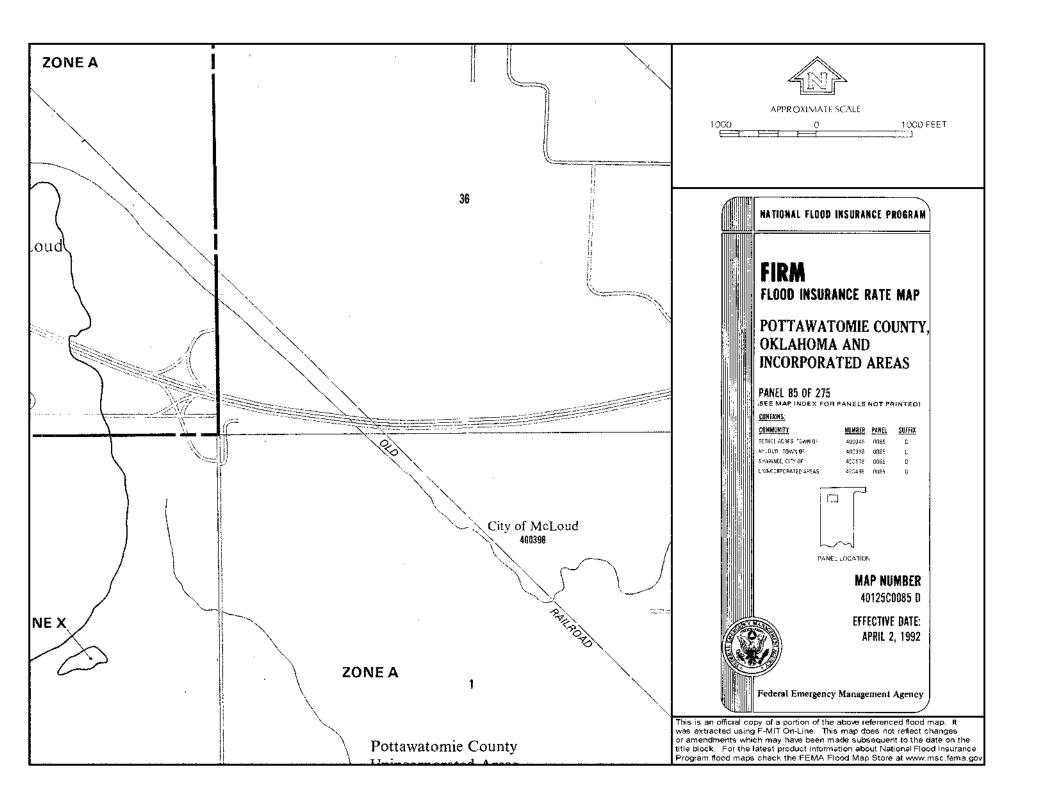
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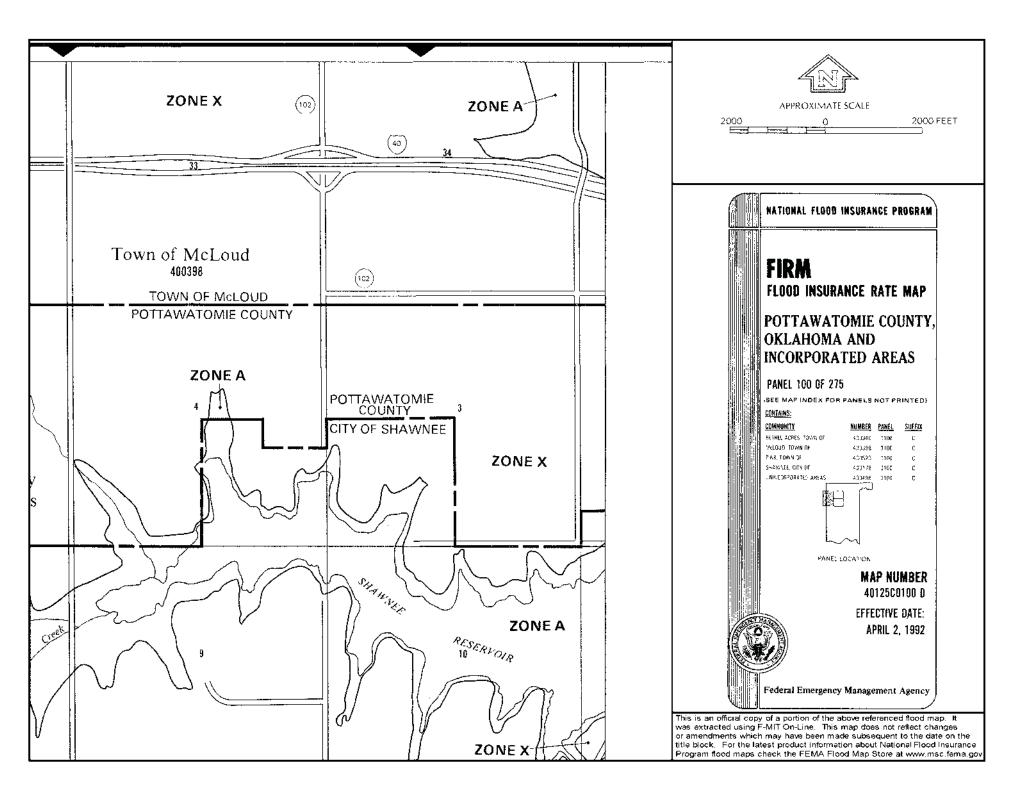


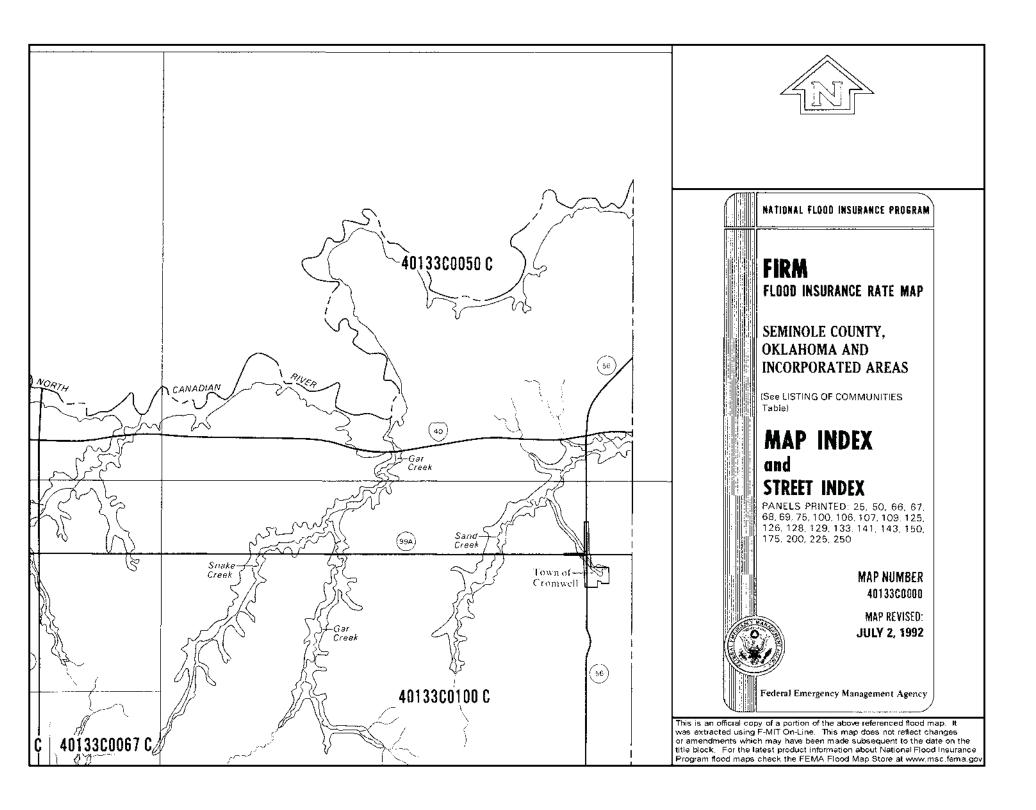
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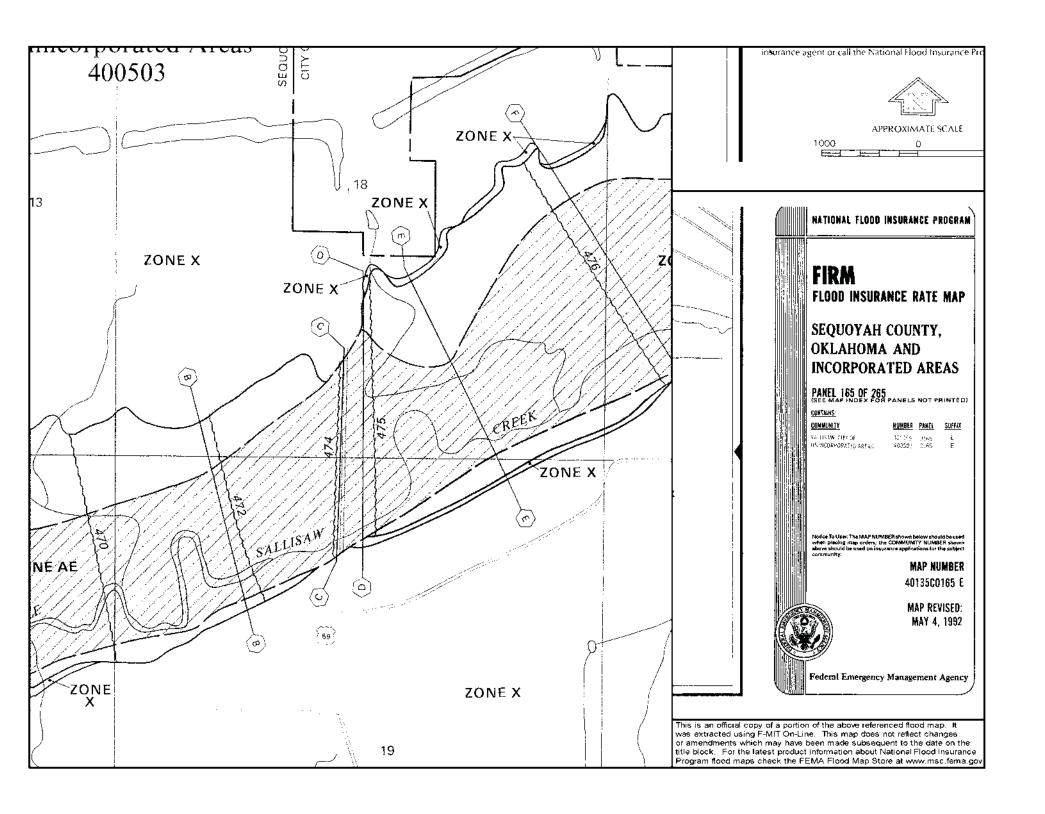


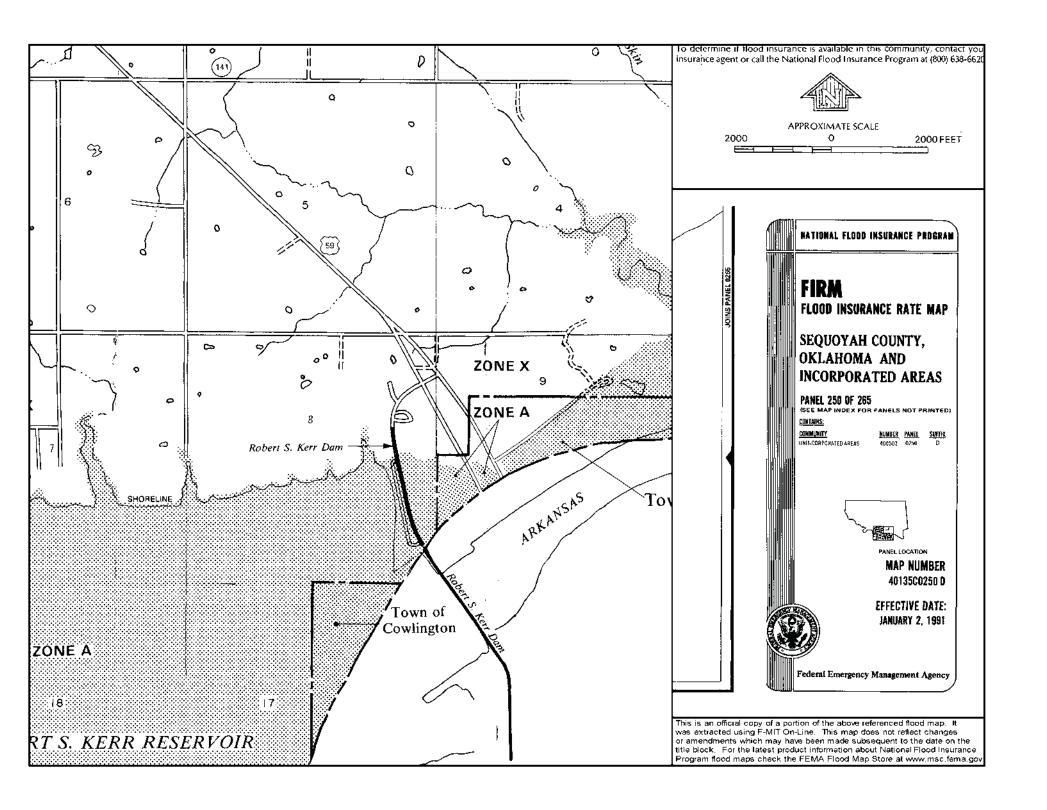


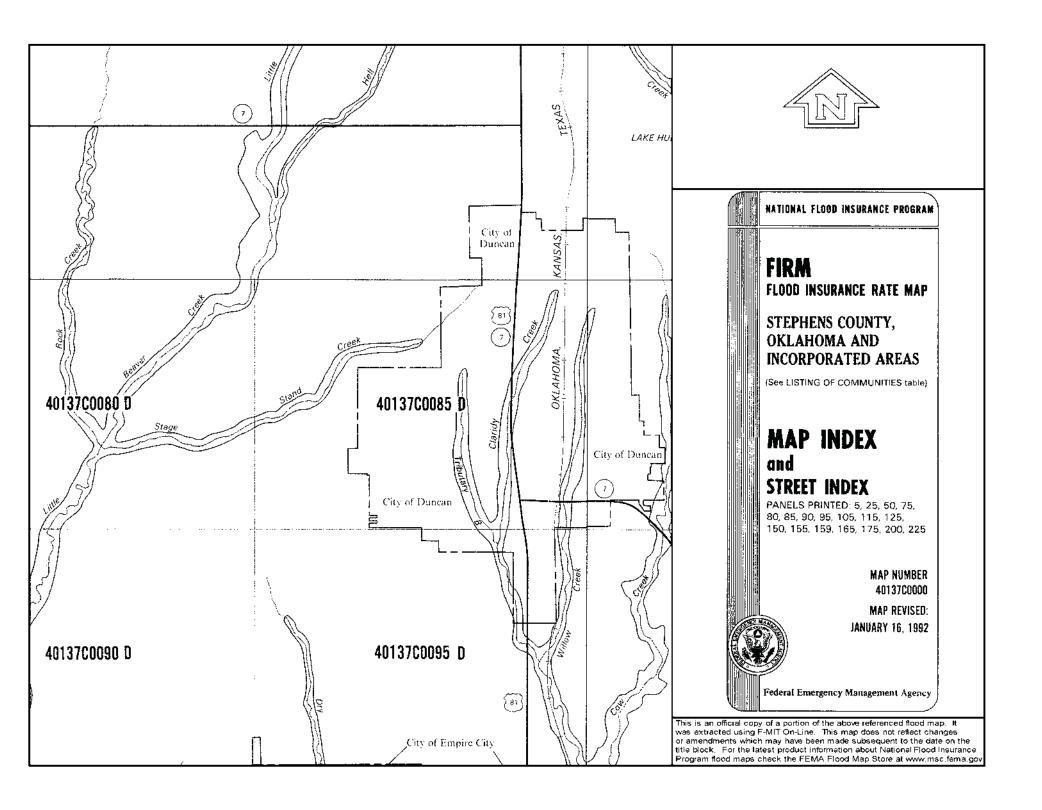


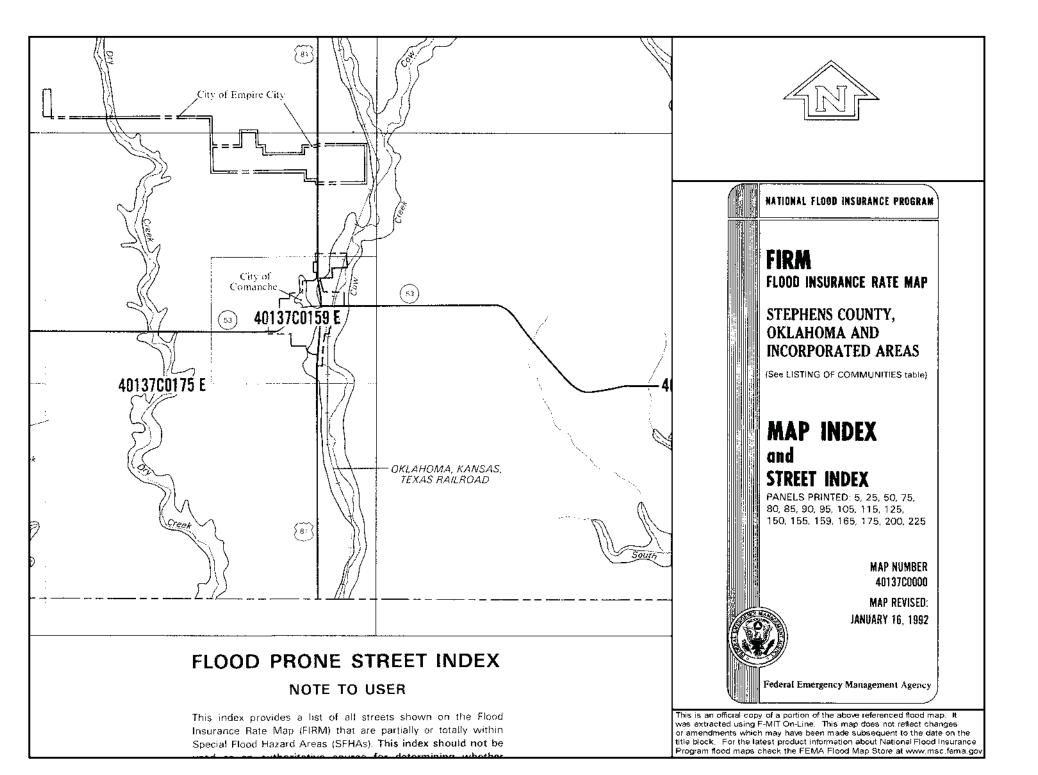














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* designates unincorporated areas

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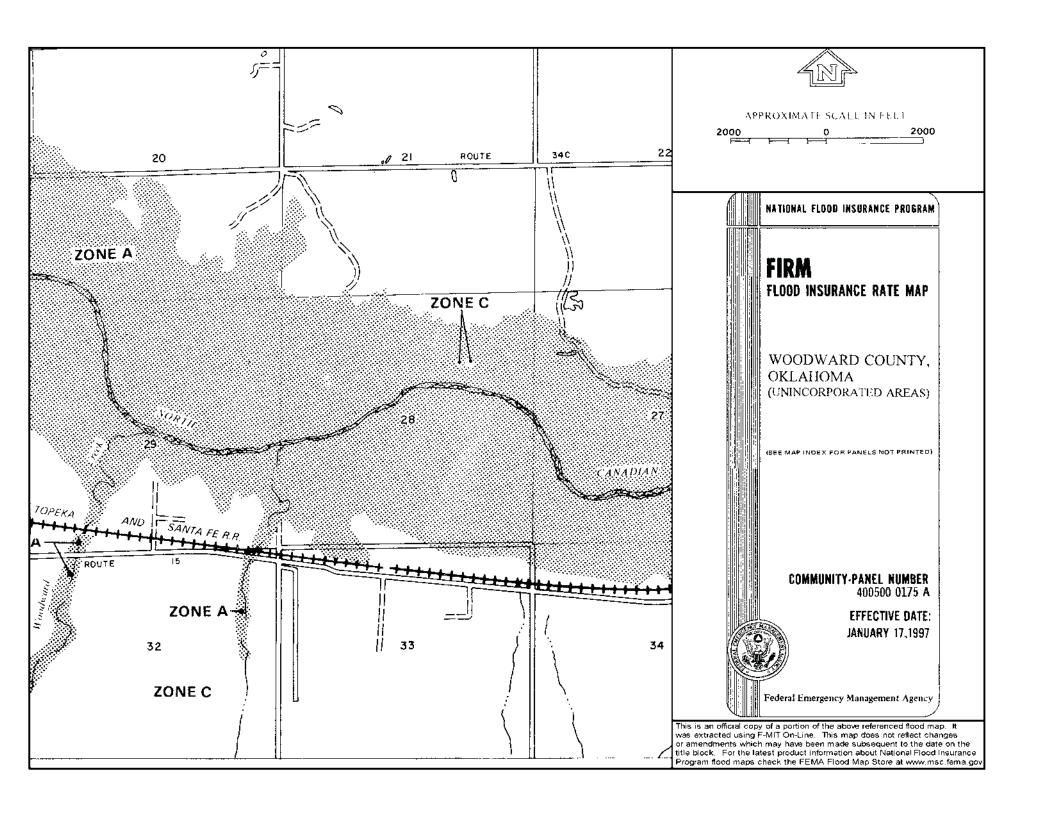
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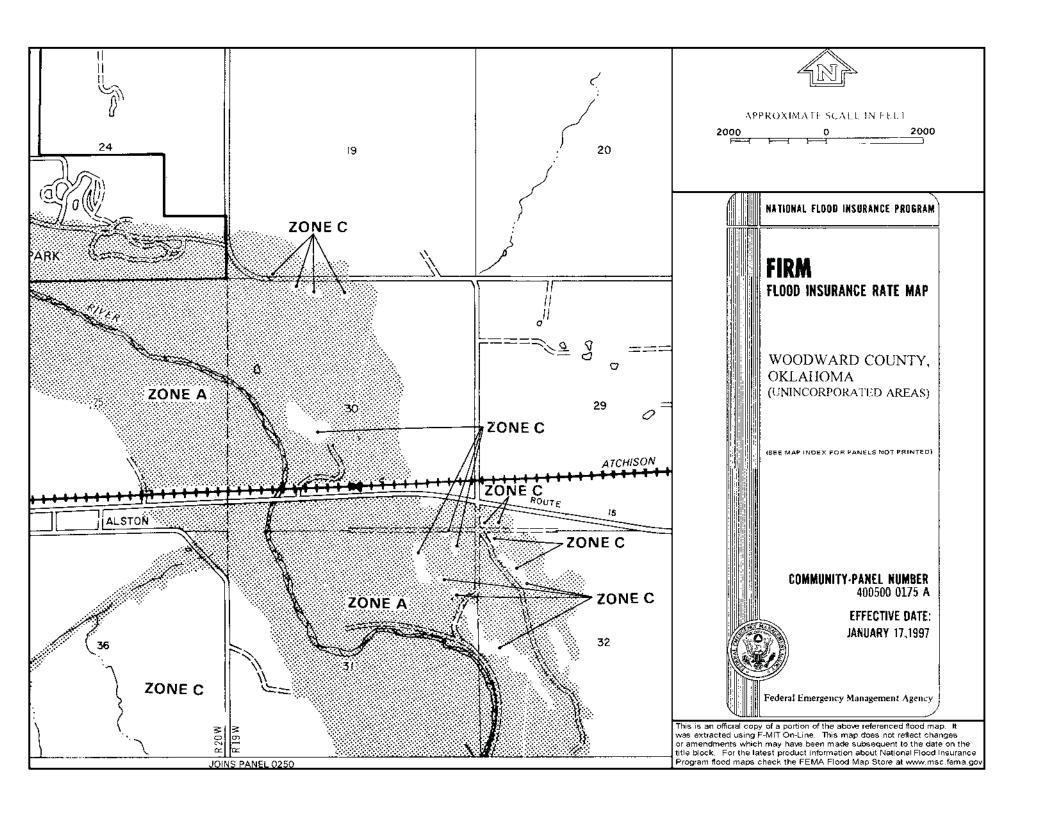
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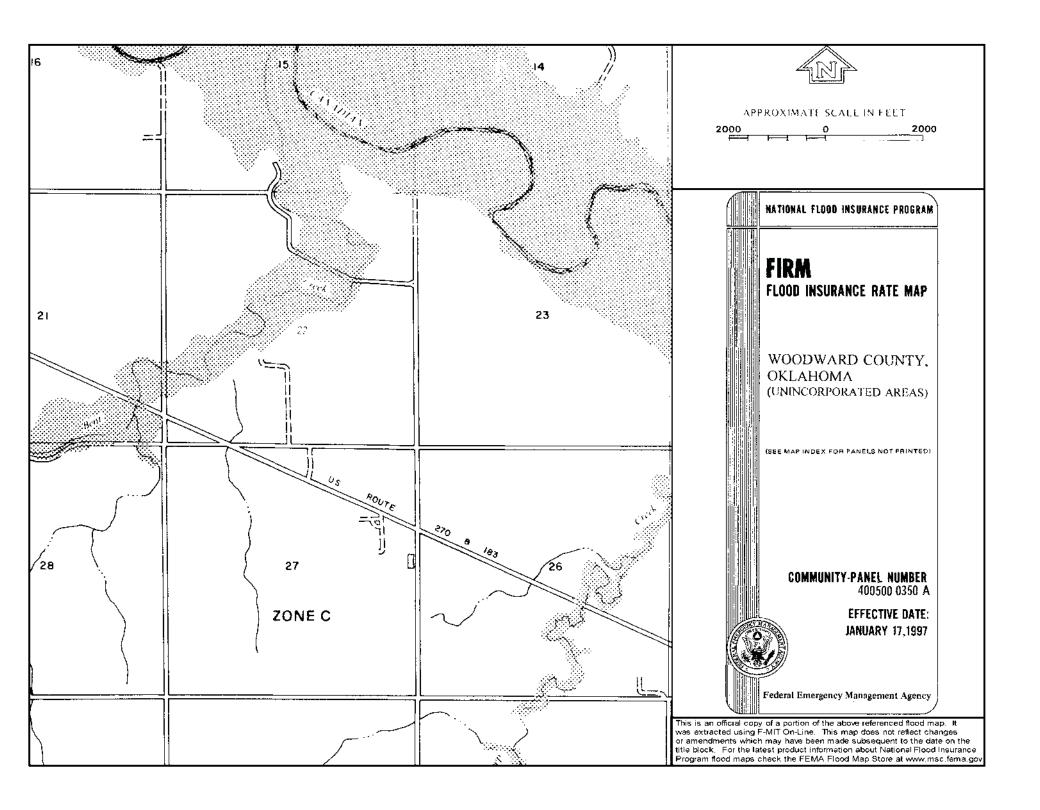
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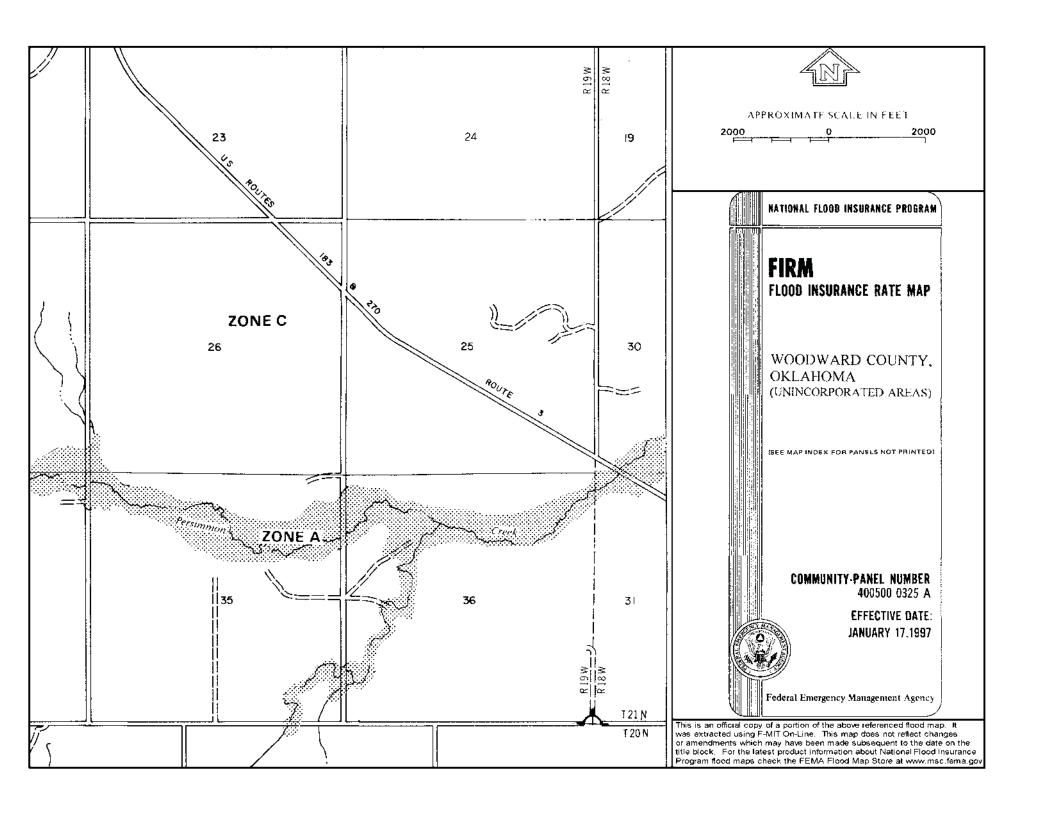
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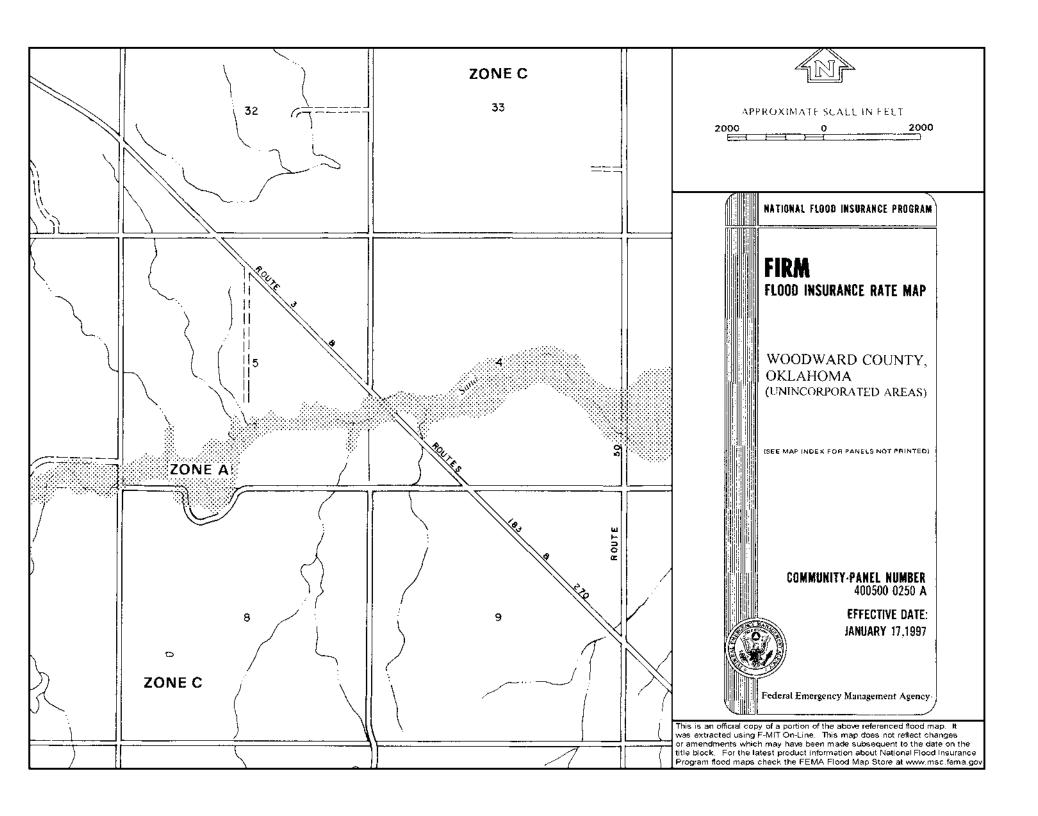
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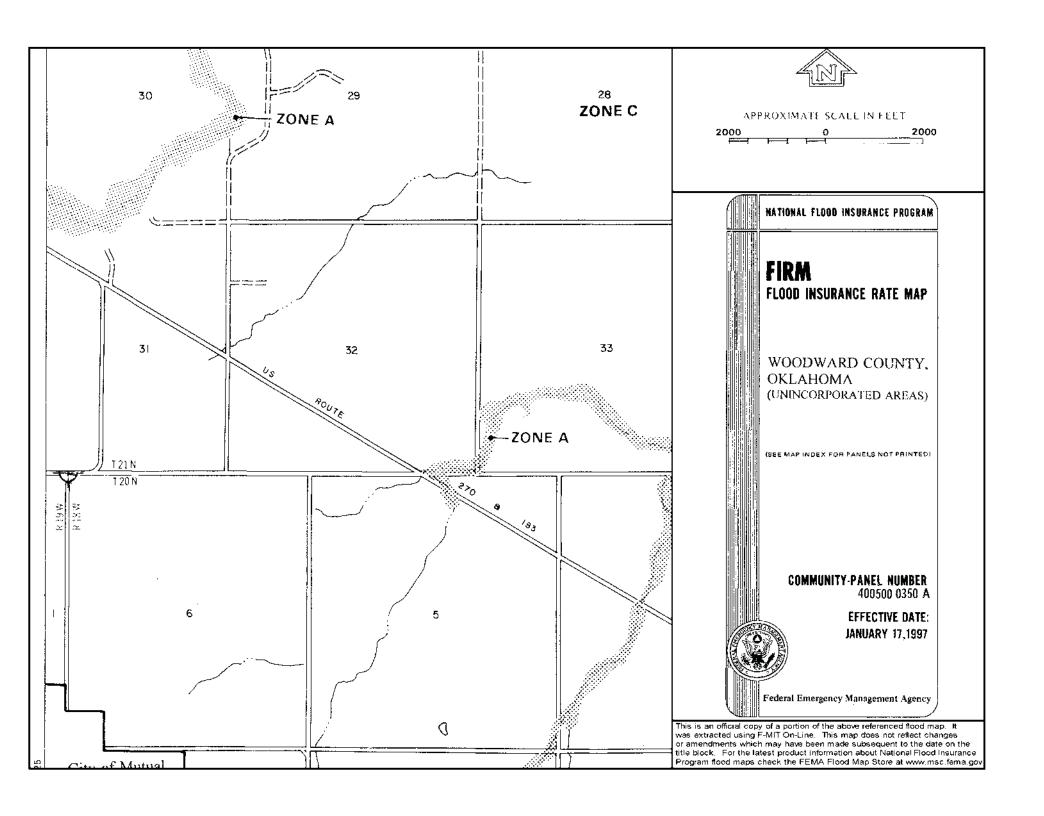


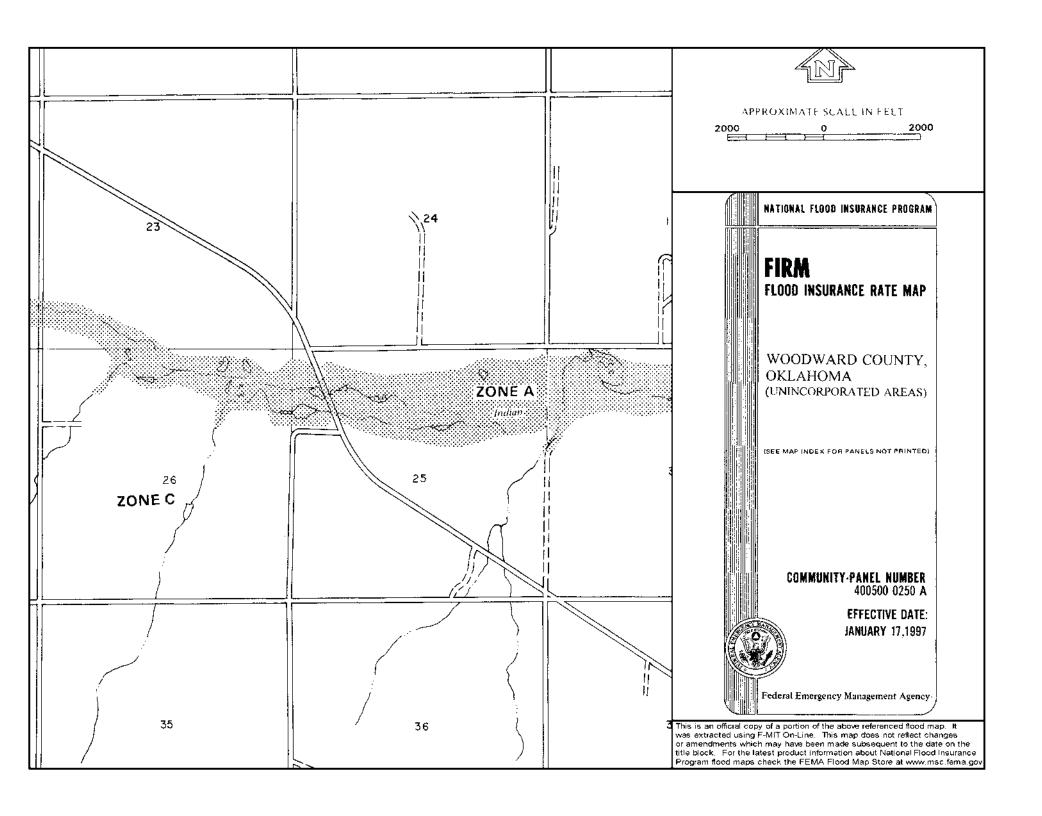


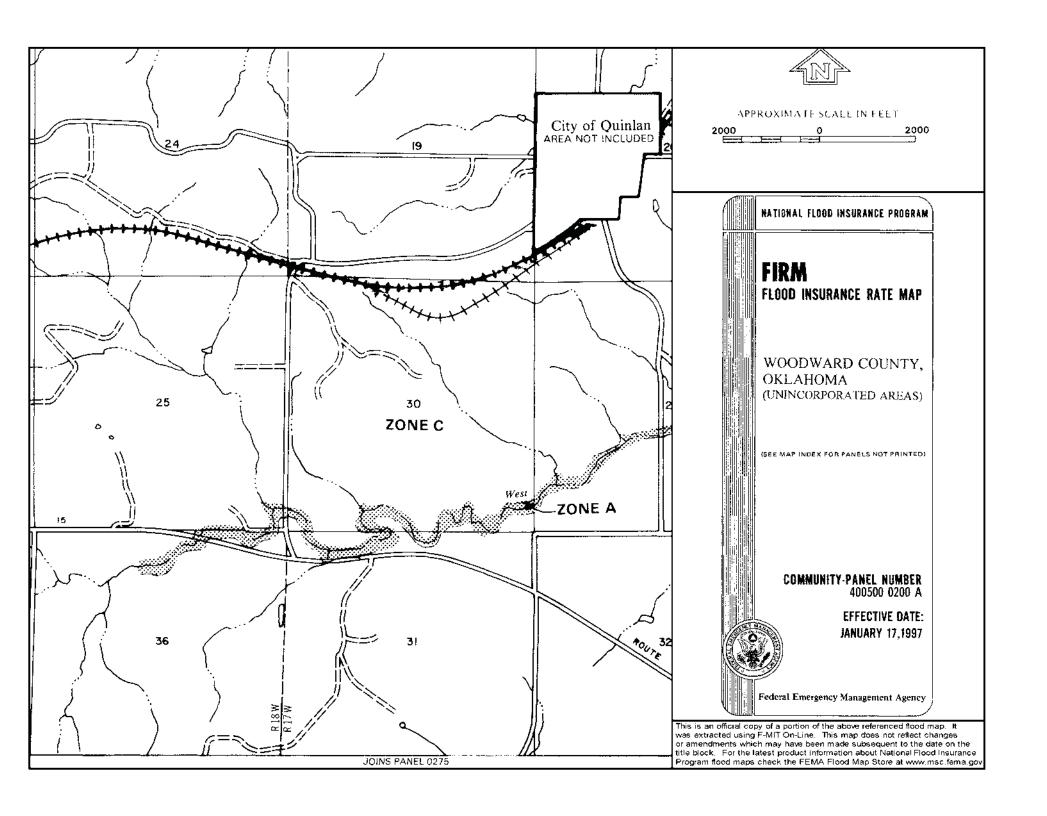












Critical Habitats: Describe and indicate whether any project site(s) will directly or indirectly affect any threatened, endangered or candidate species or is within or near critical habitats. To document the analysis, applicants must provide species lists and appropriate specie accounts obtained from the U.S. Fish and Wildlife Service's website: http://ecos.fws.gov/tess_public/ for each county affected by construction of the project.

CRITICAL HABITAT MAPS & ENDANGERED SPECIES LISTS

Oklahoma Department of Transportation Endangered Species Act Section 7

RECON DATA ONLY

County: Atoka, Beckham, Bryan, Caddo, Canadian, NEPA Coord: Siv Sundaram

Carter, Coal, Comanche, Custer, Dewey, Report Date: March 9, 2010

Garfield, Greer, Jackson, Jefferson, Kiowa,

Major, Marshall, McIntosh, Muskogee, Noble, Latimer, LeFlore, Okfuskee, Oklahoma, Okmulgee, Pontotoc, Pottawatomie, Pushmataha, Seminole, Sequoyah,

Stephens, Tillman, Washita, and Woodward.

Project: Broadband Fiber Backbone Proposal

Report Prepared by: Julianne Hoagland

1. Project Description:

a. Project Name: Broadband Fiber Backbone Proposal

- b. Project Description: PHASE II ARRA Broadband Grant Application to expand Broadband Services into areas of the State that are "unserved or underserved." Approximately 1,075 miles of existing, previously disturbed highway rights of way have been identified that could facilitate the installation of a middle mile fiber optic backbone. The backbone would facilitate both public and private use and would enhance connectivity and bandwidth to much of the state.
- c. Project footprint: For this study, a 500-foot buffer around the existing roadways center-line was used to gather reconnaissance data.

2. Federally Listed Species within the Recon Area:

Species	<u>Listing</u> <u>Status</u>	Status within the Counties within the Project Area
American Burying Beetle	Endangered	Atoka, Bryan, Coal, Latimer, LeFlore, McIntosh, Muskogee, Pushmataha and Sequoyah counties are within the historical range and have confirmed presence within the last 15 years. Okfuskee and Okmulgee counties are within the historical range and have unconfirmed presence within the last 15 years, but suitable habitat exists and the county is adjacent to at least one county with confirmed presence. Marshall, Pontotoc and Seminole counties are not within the historical range and have unconfirmed presence within the last 15 years, but suitable habitat exists and the county is adjacent to at least one county with confirmed presence.
Gray Bat	Endangered	Muskogee County. The northeastern 1/4 of the county provides suitable foraging habitat and is within the foraging radius of gray bats known to be using caves in adjacent counties. Sequoyah County - the north-central and northwestern 1/4 of the county provides suitable foraging habitat and is within the foraging radius of gray bats known to be using caves in adjacent counties

Indiana Bat	Endangered	Pushmataha County has documented historical winter occurrences, and contains sites that could provide suitable active season foraging and roosting habitat and winter hibernacula. Sequoyah County is not within the documented historical range, but is adjacent to counties with current and/or historical occurrences. The county also contains sites that could provide suitable active season foraging and roosting habitat and winter hibernacula. LeFlore County is adjacent to a county with documented historical winter occurrences and contains suitable habitat.
Ozark Big-eared Bat	Endangered	Sequoyah County is within the foraging radius of known occupied caves in adjacent couties.
Black-capped Vireo	Endangered	Comanche and Kiowa counties have documented occurrences, including breeding activities, and are situated within the probable migratory pathway between breeding and winter habitats, and contain sites that could provide stopover habitat during migration. Caddo, Canadian and Tillman counties are situated within the probable migratory pathway between breeding and winter habitats, and contain sites that could provide stopover habitat during migration.
Eskimo Curlew	Endangered	Canadian and Woodward counties. The species used to occur within these counties but today is probably extinct.
Interior Least Tern	Endangered	Bryan, Caddo, Canadian, Comanche, Custer, Dewey, Jackson, Jefferson, Kiowa, LeFlore, Major, Marshall. McIntosh, Muskogee, Noble, Oklahoma, Pontotoc, Pottawatomie, Seminole, Sequoyah, Tillman, Woodward counties have documented occurrences, including breeding activities along the Canadian, Cimarron and Red rivers, and are situated within the probable migratory pathway between breeding and winter habitats, and contain sites that could provide stopover habitat during migration. Atoka, Beckham, Carter, Coal, Garfield, Greer, Latimer, Okfuskee, Okmulgee, Pushmataha, Stephens, and Washita counties are situated within the probable migratory pathway between breeding and winter habitats, and contain sites that could provide stopover habitat during migration.
Whooping Crane	Endangered	Caddo, Canadian, Comanche, Custer, Garfield, Greer, Jackson, Jefferson, Kiowa, Major, Noble, Oklahoma, Tillman, and Woodward counties have documented current occurrences (within the last 25 years) and are situated within the current probable migratory pathway between breeding and winter habitats, and contain sites that could provide stopover habitat during migration. Atoka, Beckham, Carter, Coal, Dewey, Marshall, McIntosh, Okfuskee, Okmulgee, Pontotoc, Pottawatomie, Seminole, Stephens, and Washita counties are situated within the current probable migratory pathway between breeding and winter habitats, and contain sites that could provide stopover habitat during migration. Bryan and Muskogee counties have documented historical occurrences (over 25 years).
Red-cockaded Woodpecker	Endangered	Pushmataha - the only known population in this county on the Pushmataha Wildlife Management area is outside the recon area and has been inactive since 1992.

Scaleshell Mussel	Endangered	LeFlore and Pushmataha counties - the scaleshell mussel is known to occur in the Kiamichi River.
Winged Mapleleaf Mussel	Endangered	LeFlore and Pushmataha counties - the winged mapleleaf mussel has been suggested to occur in the Kiamichi River.
Ouachita Rock Pocketbook Mussel	Endangered	LeFlore and Pushmataha Counties - The Ouachita rock mussel is known to occur in the Kiamichi River.
Piping Plover	Threatened	Atoka, Beckham, Bryan, Caddo, Canadian, Carter, Coal, Comanche, Custer, Dewey, Garfield, Greer, Jackson, Jefferson, Kiowa, Latimer, LeFlore, Major, Marshall, McIntosh, Muskogee, Noble, Okfuskee, Oklahoma, Okmulgee, Pontotoc, Pottawatomie, Pushmataha, Seminole, Sequoyah, Stephens, Tillman, Washita, and Woodward counties are situated within the probable migratory pathway between breeding and winter habitats, and contain sites that could provide stopover habitat during migration.
Arkansas River Shiner	Threatened	Caddo, Canadian, Custer, Dewey, Major, McIntosh, Pontotoc, Pottawatomie, Seminole, and Woodward counties - the Arkansas River shiner occupies the Canadian and Cimarron rivers.
Arkansas River Shiner Critical Habitat	Designated	Caddo, Canadian, Custer, Major, McIntosh, Pontotoc, Pottawatomie, Seminole, and Woodward counties - critical habitat for the Arkansas River shiner occurs along the Canadian and Cimarron rivers.
Leopard Darter	Threatened	LeFlore and Pushmataha Counties - the leopard darter occupies Blackfork Creek, Cloudy Creek, Honobia Creek, Big Eagle Creek, Cow Creek, and the Little River.
Leopard Darter Critical Habitat	Designated	Pushmataha County - critical habitat for the leopard darter occurs along Blackfork Creek and the Little River.
Lesser Prairie Chicken	Candidate	Beckham, and Woodward counties are in the Lesser Prairie Chicken's current range as defined by the Lesser Prairie-Chicken Interstate Working Group. Caddo, Canadian, Comanche, Custer, Dewey, Garfield, Greer, Jackson, Jefferson, Kiowa, Major, Stephens, Tillman, and Washita counties are within the Lesser Prairie Chicken's historical range as defined by the Lesser Prairie-Chicken Interstate Working Group.

3. National Wetland Inventory (NWI) Mapped Wetlands within Recon Area

Wetland Type	<u>Acres</u>
Freshwater Emergent Wetland	133.96
Freshwater Forested/Shrub Wetland	663.05
Freshwater Pond	770.88
Riverine	73.74
Lake	192.39
Other	22.92

