



Federal Emergency Management Agency

Washington, D.C. 20472

October 30, 2015

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

The Honorable Pat Graham
Chairman, Barrow County Board of Commissioners
30 North Broad Street
Winder, GA 30680

IN REPLY REFER TO:

Case No.: 15-04-9030P
Community Name: Barrow County, GA
Community No.: 130497
Effective Date of
This Revision: **March 14, 2016**

Dear Mr. Graham:

The Flood Insurance Study Report and Flood Insurance Rate Map for your community have been revised by this Letter of Map Revision (LOMR). Please use the enclosed annotated map panel revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals issued in your community.

Additional documents are enclosed that provide information regarding this LOMR. Please see the List of Enclosures below to determine which documents are included. Other attachments specific to this request may be included as referenced in the Determination Document. If you have any general questions regarding floodplain management regulations for your community or the National Flood Insurance Program (NFIP), please contact the Consultation Coordination Officer for your community. If you have any technical questions regarding this LOMR, please contact the Director, Mitigation Division of the Department of Homeland Security's Federal Emergency Management Agency (FEMA) in Atlanta, Georgia, at (770) 220-5400, or the FEMA Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP). Additional information about the NFIP is available on our Web site at <http://www.fema.gov/nfip>.

Sincerely,

Luis Rodriguez, P.E., Chief
Engineering Management Branch
Federal Insurance and Mitigation Administration

List of Enclosures:

Letter of Map Revision Determination Document
Annotated Flood Insurance Rate Map
Annotated Flood Insurance Study Report

cc: Mr. Dan Schultz
Floodplain Manager
Barrow County

Mr. Guy W. Herring
Winder Barrow Industrial Building Authority

Mr. Richard P. Karkowski, P.E., P.H.
Project Engineer IV
Thomas & Hutton Engineering Co.



Federal Emergency Management Agency
Washington, D.C. 20472

**LETTER OF MAP REVISION
DETERMINATION DOCUMENT**

COMMUNITY AND REVISION INFORMATION		PROJECT DESCRIPTION	BASIS OF REQUEST
COMMUNITY	Barrow County Georgia (Unincorporated Areas)	NO PROJECT	HYDRAULIC ANALYSIS HYDROLOGIC ANALYSIS UPDATED TOPOGRAPHIC DATA
	COMMUNITY NO.: 130497		
IDENTIFIER	Park 53 Industrial/Complex	APPROXIMATE LATITUDE AND LONGITUDE: 33.953, -83.664 SOURCE: Precision Mapping Streets DATUM: NAD 83	
ANNOTATED MAPPING ENCLOSURES		ANNOTATED STUDY ENCLOSURES	
TYPE: FIRM* NO.: 13013C0135C DATE: December 18, 2009		DATE OF EFFECTIVE FLOOD INSURANCE STUDY: December 18, 2009 FLOOD PROFILES: 20P, 21P and 22P SUMMARY OF DISCHARGES TABLE: 5	

Enclosures reflect changes to flooding sources affected by this revision.
* FIRM - Flood Insurance Rate Map

FLOODING SOURCES AND REVISED REACHES	See Page 2 for Additional Flooding Sources
South Branch - from approximately 2,580 feet downstream of the confluence with Unnamed Tributary to South Branch to approximately 2,400 feet upstream of the confluence with Unnamed Tributary to South Branch	
North Branch - from approximately 650 feet downstream of US Highway 29 to approximately 6,000 feet upstream of US Highway 29	

SUMMARY OF REVISIONS				
Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
South Branch	Zone A	Zone AE	NONE	YES
	No BFEs*	BFEs	YES	NONE
North Branch	Zone A	Zone AE	NONE	YES
	No BFEs	BFEs	YES	NONE

* BFEs - Base Flood Elevations

DETERMINATION

This document provides the determination from the Department of Homeland Security's Federal Emergency Management Agency (FEMA) regarding a request for a Letter of Map Revision (LOMR) for the area described above. Using the information submitted, we have determined that a revision to the flood hazards depicted in the Flood Insurance Study (FIS) report and National Flood Insurance Program (NFIP) map is warranted. This document revises the effective NFIP map, as indicated in the attached documentation. Please use the enclosed annotated map panels revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals in your community.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304. Additional information about the NFIP is available on our Web site at <http://www.fema.gov/nfip>.

Luis Rodriguez, P.E., Chief
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Federal Insurance and Mitigation Administration



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**LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)**

OTHER FLOODING SOURCES AFFECTED BY THIS REVISION

FLOODING SOURCE AND REVISED REACH

Unnamed Tributary to South Branch - from the confluence with South Branch to approximately 2,550 feet upstream of the confluence with South Branch

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Unnamed Tributary to South Branch	Zone A	Zone AE	NONE	YES
	No BFEs*	BFEs	YES	NONE

* BFEs - Base Flood Elevations

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304. Additional information about the NFIP is available on our Web site at <http://www.fema.gov/nfip>.

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LETTER OF MAP REVISION DETERMINATION DOCUMENT (CONTINUED)

COMMUNITY INFORMATION

APPLICABLE NFIP REGULATIONS/COMMUNITY OBLIGATION

We have made this determination pursuant to Section 206 of the Flood Disaster Protection Act of 1973 (P.L. 93-234) and in accordance with the National Flood Insurance Act of 1968, as amended (Title XIII of the Housing and Urban Development Act of 1968, P.L. 90-448), 42 U.S.C. 4001-4128, and 44 CFR Part 65. Pursuant to Section 1361 of the National Flood Insurance Act of 1968, as amended, communities participating in the NFIP are required to adopt and enforce floodplain management regulations that meet or exceed NFIP criteria. These criteria, including adoption of the FIS report and FIRM, and the modifications made by this LOMR, are the minimum requirements for continued NFIP participation and do not supersede more stringent State/Commonwealth or local requirements to which the regulations apply.

COMMUNITY REMINDERS

We based this determination on the 1-percent-annual-chance discharges computed in the submitted hydrologic model. Future development of projects upstream could cause increased discharges, which could cause increased flood hazards. A comprehensive restudy of your community's flood hazards would consider the cumulative effects of development on discharges and could, therefore, indicate that greater flood hazards exist in this area.

Your community must regulate all proposed floodplain development and ensure that any permits required by Federal or State/Commonwealth law have been obtained. State/Commonwealth or community officials, based on knowledge of local conditions and in the interest of safety, may set higher standards for construction or may limit development in floodplain areas. If your State/Commonwealth or community has adopted more restrictive or comprehensive floodplain management criteria, those criteria take precedence over the minimum NFIP requirements.

We will not print and distribute this LOMR to primary users, such as local insurance agents or mortgage lenders; instead, the community will serve as a repository for the new data. We encourage you to disseminate the information in this LOMR by preparing a news release for publication in your community's newspaper that describes the revision and explains how your community will provide the data and help interpret the NFIP maps. In that way, interested persons, such as property owners, insurance agents, and mortgage lenders, can benefit from the information.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304. Additional information about the NFIP is available on our Web site at <http://www.fema.gov/nfip>.

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Engineering Management Branch
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LETTER OF MAP REVISION DETERMINATION DOCUMENT (CONTINUED)

We have designated a Consultation Coordination Officer (CCO) to assist your community. The CCO will be the primary liaison between your community and FEMA. For information regarding your CCO, please contact:

Mr. Jesse Munoz
Director, Mitigation Division
Federal Emergency Management Agency, Region IV
Koger Center - Rutgers Building, 3003 Chamblee Tucker Road
Atlanta, GA 30341
(770) 220-5400

STATUS OF THE COMMUNITY NFIP MAPS

We will not physically revise and republish the FIRM and FIS report for your community to reflect the modifications made by this LOMR at this time. When changes to the previously cited FIRM panel and FIS report warrant physical revision and republication in the future, we will incorporate the modifications made by this LOMR at that time.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304. Additional Information about the NFIP is available on our Web site at <http://www.fema.gov/nfip>.

A handwritten signature in black ink, appearing to read "Luis Rodriguez".

Luis Rodriguez, P.E., Chief
Engineering Management Branch
Federal Insurance and Mitigation Administration



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**LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)**

PUBLIC NOTIFICATION OF REVISION

A notice of changes will be published in the Federal Register. This information also will be published in your local newspaper on or about the dates listed below and through FEMA's Flood Hazard Mapping Web site at https://www.floodmaps.fema.gov/fhm/Scripts/bfe_main.asp.

LOCAL NEWSPAPER Name: *Barrow County News*
Dates: November 8, 2015 and November 15, 2015

Within 90 days of the second publication in the local newspaper, a citizen may request that we reconsider this determination. Any request for reconsideration must be based on scientific or technical data. Therefore, this letter will be effective only after the 90-day appeal period has elapsed and we have resolved any appeals that we receive during this appeal period. Until this LOMR is effective, the revised flood hazard information presented in this LOMR may be changed.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304. Additional information about the NFIP is available on our Web site at <http://www.fema.gov/nfip>.

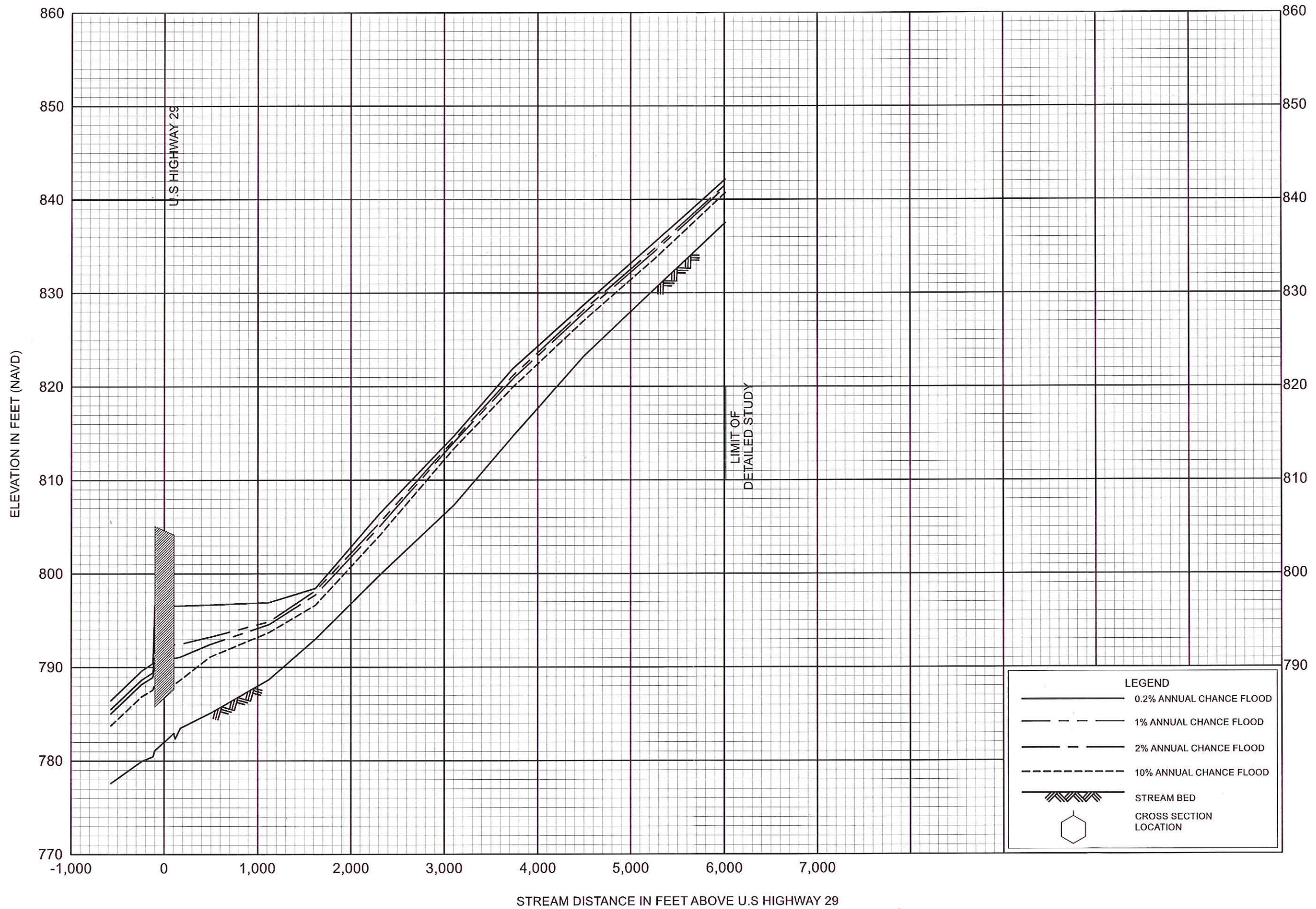
Luis Rodriguez, P.E., Chief
Engineering Management Branch
Federal Insurance and Mitigation Administration

Table 5 – Summary of Discharges
Peak Discharges (cubic feet per second)

<u>Flooding Source and Location</u>	<u>Drainage Area (square miles)</u>	<u>10-Percent-Annual-Chance</u>	<u>2-Percent-Annual-Chance</u>	<u>1-Percent-Annual-Chance</u>	<u>0.2-Percent-Annual-Chance</u>
NORTH BRANCH					
At U.S. Highway 29	0.94	376	636	764	1,089
Approximately 500 feet downstream of U.S. Highway 29	1.01	400	674	808	1,148
SOUTH BRANCH					
Approximately 3500 feet upstream of confluence with Marbury Creek tributary 18	0.47	383	637	765	1,089
UNNAMED TRIBUTARY TO SOUTH BRANCH					
At confluence with South Branch	0.12	108	190	229	328

REVISED TO
REFLECT LOMR
DATED: March 14, 2016

↑
Revised Data



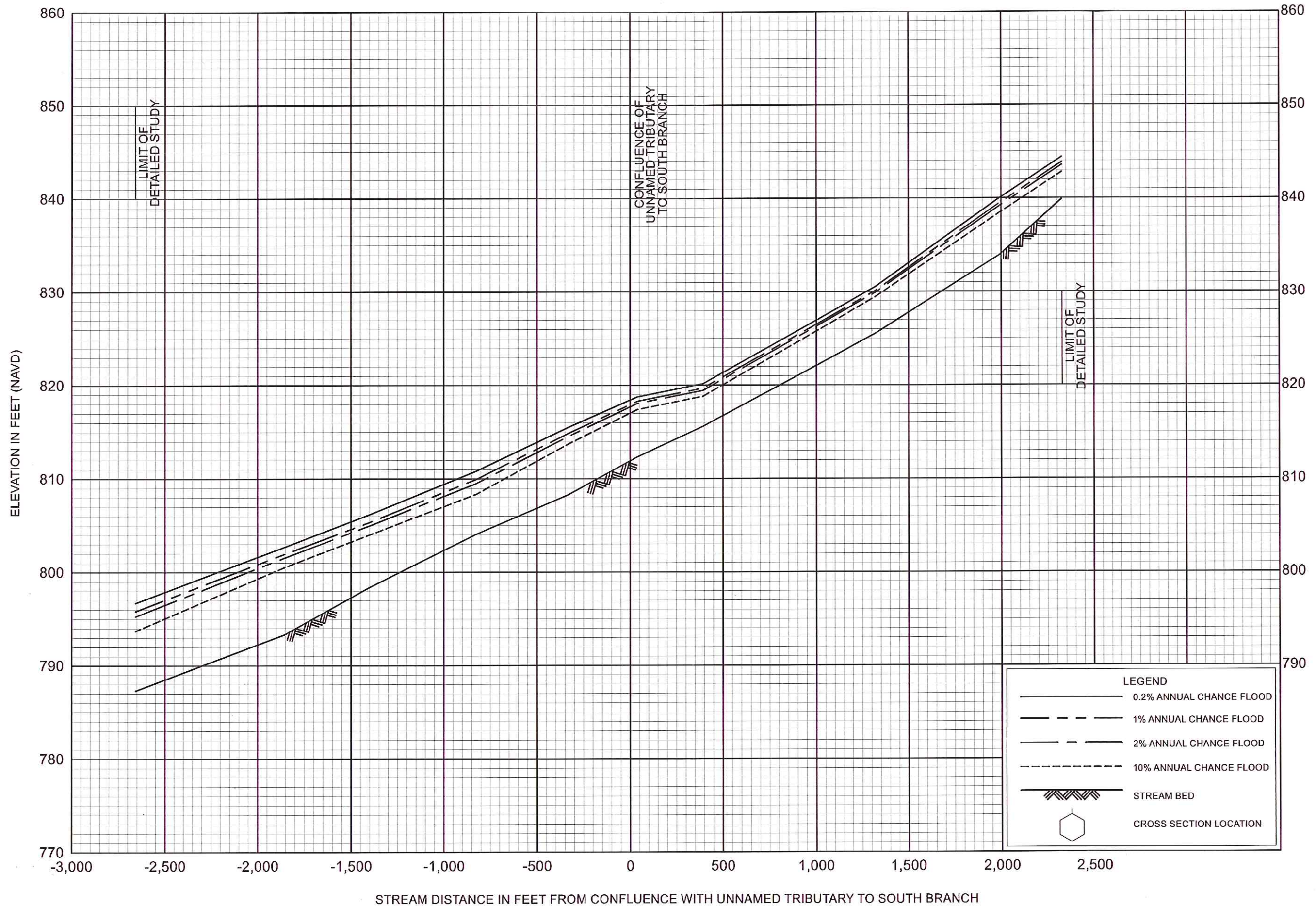
FLOOD PROFILES

REVISED TO
REFLECT LOMR
DATED: March 14, 2016

NORTH BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

BARROW COUNTY, GA
AND INCORPORATED AREAS

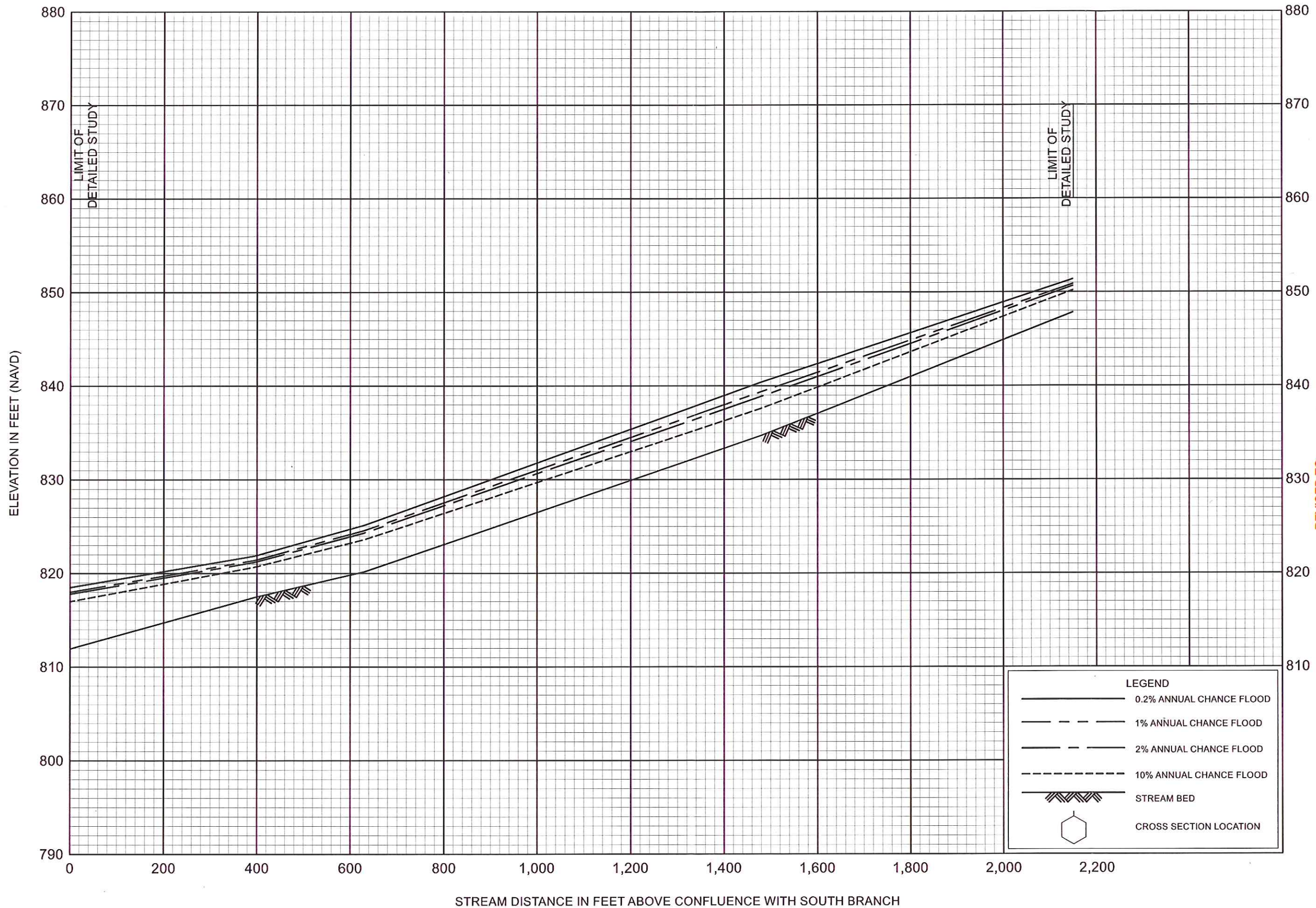


FLOOD PROFILES

REVISED TO
REFLECT LOMR
DATED: March 14, 2016

SOUTH BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
BARROW COUNTY, GA
AND INCORPORATED AREAS



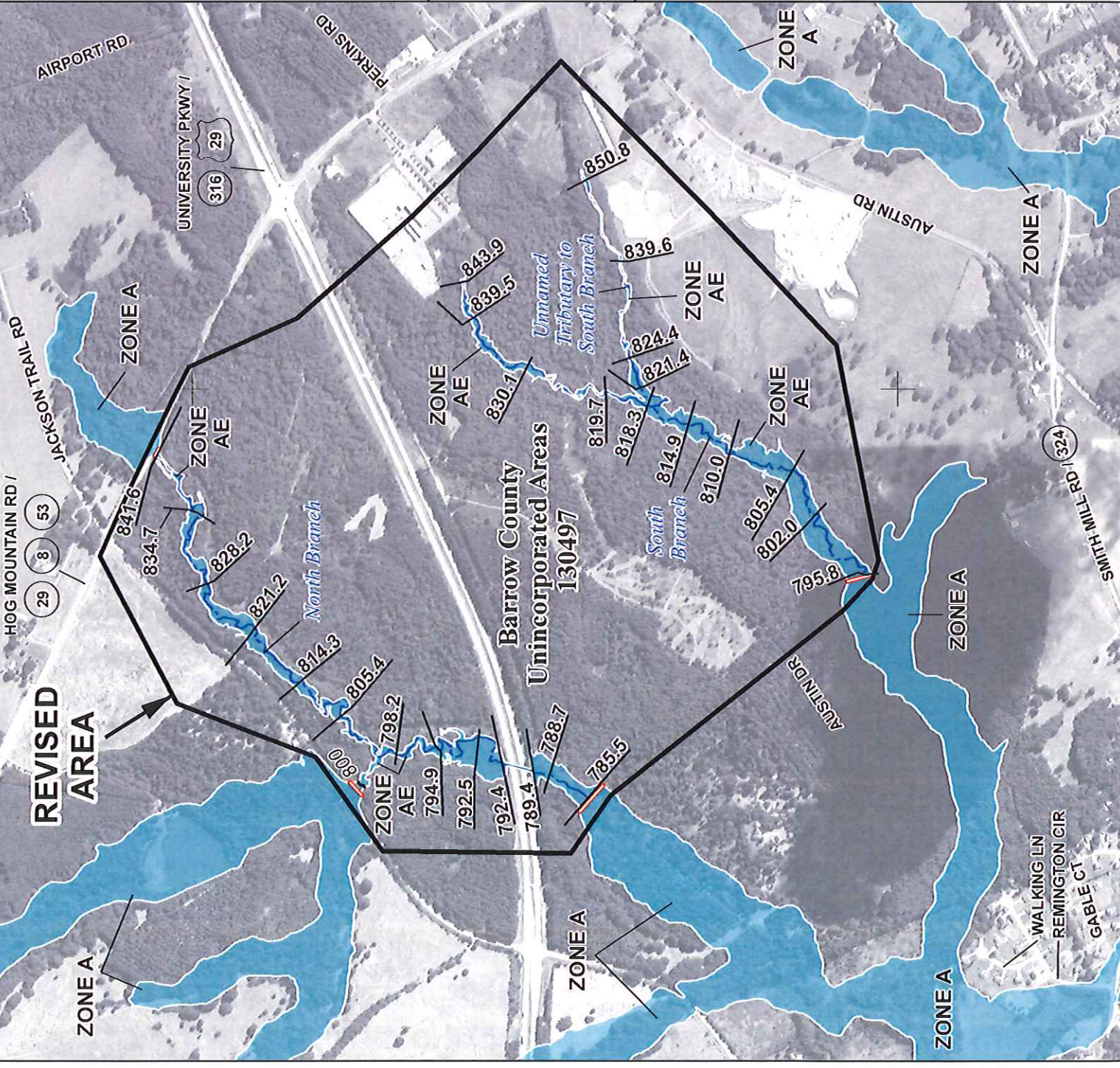
REVISED TO
REFLECT LOMR
DATED: March 16, 2016

FLOOD PROFILES

UNNAMED TRIBUTARY TO SOUTH BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

BARROW COUNTY, GA
AND INCORPORATED AREAS



SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE)
- With BFE or Depth
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD

- 0.2% Annual Chance Flood Hazard. Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile
- Future Conditions 1% Annual Chance Flood Hazard
- Area with Reduced Flood Risk due to Levee

SCALE

1 inch = 1,000 feet

0 500 1,000 2,000 Feet

0 150 300 600 Meters

Map Projection: NAD 1983 StatePlane Georgia West FIPS 1002 Feet; Western Hemisphere; Vertical Datum: NAVD 88

NATIONAL FLOOD INSURANCE PROGRAM

BARROW COUNTY, GEORGIA
and Incorporated Areas

PANEL 135 OF 175

Panel Contains:

COMMUNITY	NUMBER	PANEL SUFFIX
BARROW COUNTY	130497	0135 C
WINDER, CITY OF	130234	0135 C

REVISED TO REFLECT LOMR DATED: March 14, 2016

VERSION NUMBER: 2.1.3.0
MAP NUMBER: 13013C0135C
EFFECTIVE DATE: DECEMBER 18, 2009