



*Kyle - Dollar General Windy Hill Road*

Federal Emergency Management Agency

Washington, D.C. 20472

SEP 28 2006

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

The Honorable Miguel Gonzalez  
Mayor, City of Kyle  
P. O. Box 40  
Kyle, TX 78640

IN REPLY REFER TO:

Case No.: 06-06-B463P  
Community Name: City of Kyle, TX  
Community No.: 481108  
Effective Date of  
This Revision: **JAN 25 2007**

Dear Mayor Gonzalez:

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(s) revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals issued in your community.

Additional documents are enclosed which 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 questions regarding floodplain management regulations for your community or the National Flood Insurance Program (NFIP) in general, please contact the Consultation Coordination Officer for your community. If you have any technical questions regarding this LOMR, please contact the Director, Federal Insurance and Mitigation Division of the Department of Homeland Security's Federal Emergency Management Agency (FEMA) in Denton, Texas, at (940) 898-5127, or the FEMA Map Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP). Additional information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

Sincerely,

*Kevin C. Long*

Kevin C. Long, CFM, Project Engineer  
Engineering Management Section  
Mitigation Division


For: William R. Blanton Jr., CFM, Chief  
Engineering Management Section  
Mitigation Division

List of Enclosures:

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

cc: Mr. Allen G. Walther  
Floodplain Administrator  
Hays County

Mr. Jimmy Haverda  
Director of Public Works  
City of Kyle

  
S&P Consulting Engineers, PLLC



**Federal Emergency Management Agency**  
Washington, D.C. 20472

**LETTER OF MAP REVISION  
DETERMINATION DOCUMENT**

COMMUNITY AND REVISION INFORMATION		PROJECT DESCRIPTION	BASIS OF REQUEST
COMMUNITY	City Of Kyle Hays County Texas	CULVERT FILL	BASE MAP CHANGES HYDRAULIC ANALYSIS HYDROLOGIC ANALYSIS NEW TOPOGRAPHIC DATA
	COMMUNITY NO.: 481108		
IDENTIFIER	Indian Paintbrush Subdivision	APPROXIMATE LATITUDE & LONGITUDE: 33.000, -90.000 SOURCE: Other DATUM: NAD 83	
ANNOTATED MAPPING ENCLOSURES		ANNOTATED STUDY ENCLOSURES	
TYPE: FIRM*	NO.: 48209C0290 F DATE: September 2, 2005	DATE OF EFFECTIVE FLOOD INSURANCE STUDY: September 2, 2005 PROFILE: 171P SUMMARY OF DISCHARGES TABLE: 1	

Enclosures reflect changes to flooding sources affected by this revision.  
\* FIRM - Flood Insurance Rate Map; \*\* FBFM - Flood Boundary and Floodway Map; \*\*\* FHBM - Flood Hazard Boundary Map

**FLOODING SOURCE(S) & REVISED REACH(ES)**

Richmond Branch - from approximately 2,600 feet upstream to approximately 6,350 upstream of confluence with Porter Creek  
Unnamed Tributary to Richmond Branch - from confluence to approximately 1,160 feet upstream of confluence with Richmond Branch

**SUMMARY OF REVISIONS**

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

\* 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/or 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 Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMR Depot, 3601 Eisenhower Avenue, Alexandria, VA 22304. Additional Information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

*Kevin C. Long*  
Kevin C. Long, CFM, Project Engineer  
Engineering Management Section  
Mitigation Division



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Washington, D.C. 20472

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 permits required by Federal and/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 revision has met our criteria for removing an area from the 1-percent-annual-chance floodplain to reflect the placement of fill. However, we encourage you to require that the lowest adjacent grade and lowest floor (including basement) of any structure placed within the subject area be elevated to or above the Base (1-percent-annual-chance) Flood Elevation.

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 Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMR Depot, 3601 Eisenhower Avenue, Alexandria, VA 22304. Additional information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

Kevin C. Long, CFM, Project Engineer  
Engineering Management Section  
Mitigation Division



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Washington, D.C. 20472

**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. Frank Pagano  
Director, Federal Insurance and Mitigation Division  
Federal Emergency Management Agency, Region VI  
Federal Regional Center, Room 206  
800 North Loop 288  
Denton, TX 76209  
(940) 898-5127

**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(s) and FIS report warrant physical revision and republication in the future, we will incorporate the modifications made by this LOMR at that time.

Although the project area is shown on the above-referenced FIRM panel as within the unincorporated areas of Hays County, the City of Kyle has annexed this area. We have not reflected these corporate limits changes in this LOMR.

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 Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMR Depot, 3601 Eisenhower Avenue, Alexandria, VA 22304. Additional information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

Kevin C. Long, CFM, Project Engineer  
Engineering Management Section  
Mitigation Division



**Federal Emergency Management Agency**  
Washington, D.C. 20472

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

**PUBLIC NOTIFICATION OF REVISION**

**PUBLIC NOTIFICATION**

FLOODING SOURCE	LOCATION OF REFERENCED ELEVATION	BFE (FEET NGVD)		MAP PANEL NUMBER(S)
		EFFECTIVE	REVISED	
Richmond Branch	Approximately 2,600 feet upstream of confluence with Porter Creek	None	650	48209C0290 F
	Approximately 6,350 feet upstream of confluence with Porter Creek	None	672	48209C0290 F

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 BFEs presented in this LOMR may be changed.

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.

LOCAL NEWSPAPER Name: *The Free Press*  
Dates: 10/19/2006 10/26/2006

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 Assistance Center toll free at 1-877-338-2627 (1-877-FEMA MAP) or by letter addressed to the LOMR Depot, 3601 Eisenhower Avenue, Alexandria, VA 22304. Additional Information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

*Kevin C. Long*  
Kevin C. Long, CFM, Project Engineer  
Engineering Management Section  
Mitigation Division

CHANGES ARE MADE IN DETERMINATIONS OF BASE FLOOD ELEVATIONS FOR THE CITY OF KYLE, HAYS COUNTY, TEXAS, UNDER THE NATIONAL FLOOD INSURANCE PROGRAM

On September 2, 2005, the Department of Homeland Security's Federal Emergency Management Agency identified Special Flood Hazard Areas (SFHAs) in the City of Kyle, Hays County, Texas, through issuance of a Flood Insurance Rate Map (FIRM). The Mitigation Division has determined that modification of the elevations of the flood having a 1-percent chance of being equaled or exceeded in any given year (base flood) for certain locations in this community is appropriate. The modified Base Flood Elevations (BFEs) revise the FIRM for the community.

The changes are being made pursuant to Section 206 of the Flood Disaster Protection Act of 1973 (Public Law 93-234) and are in accordance with the National Flood Insurance Act of 1968, as amended (Title XIII of the Housing and Urban Development Act of 1968, Public Law 90-448), 42 U.S.C. 4001-4128, and 44 CFR Part 65.

A hydraulic analysis was performed to incorporate updated topographic information and placement of fill along Richmond Branch from approximately 2,600 feet upstream to approximately 6,350 feet upstream of confluence with Porter Creek. This has resulted in an increase and decrease in SFHA width and establishment of BFEs for Richmond Branch. The table below indicates existing and modified BFEs for selected locations along the affected lengths of the flooding source(s) cited above.

Location	Existing BFE (feet)*	Modified BFE (feet)*
Approximately 2,600 feet upstream of confluence with Porter Creek	None	650
Approximately 6,350 feet upstream of confluence with Porter Creek	None	672

\*National Geodetic Vertical Datum, rounded to nearest whole foot

Under the above-mentioned Acts of 1968 and 1973, the Mitigation Division must develop criteria for floodplain management. To participate in the National Flood Insurance Program (NFIP), the community must use the modified BFEs to administer the floodplain management measures of the NFIP. These modified BFEs will also be used to calculate the appropriate flood insurance premium rates for new buildings and their contents and for the second layer of insurance on existing buildings and contents.

Upon the second publication of notice of these changes in this newspaper, any person has 90 days in which he or she can request, through the Chief Executive Officer of the community, that the Mitigation Division reconsider the determination. Any request for reconsideration must be based on knowledge of changed conditions or new scientific or technical data. All interested parties are on notice that until the 90-day period elapses, the Mitigation Division's determination to modify the BFEs may itself be changed.

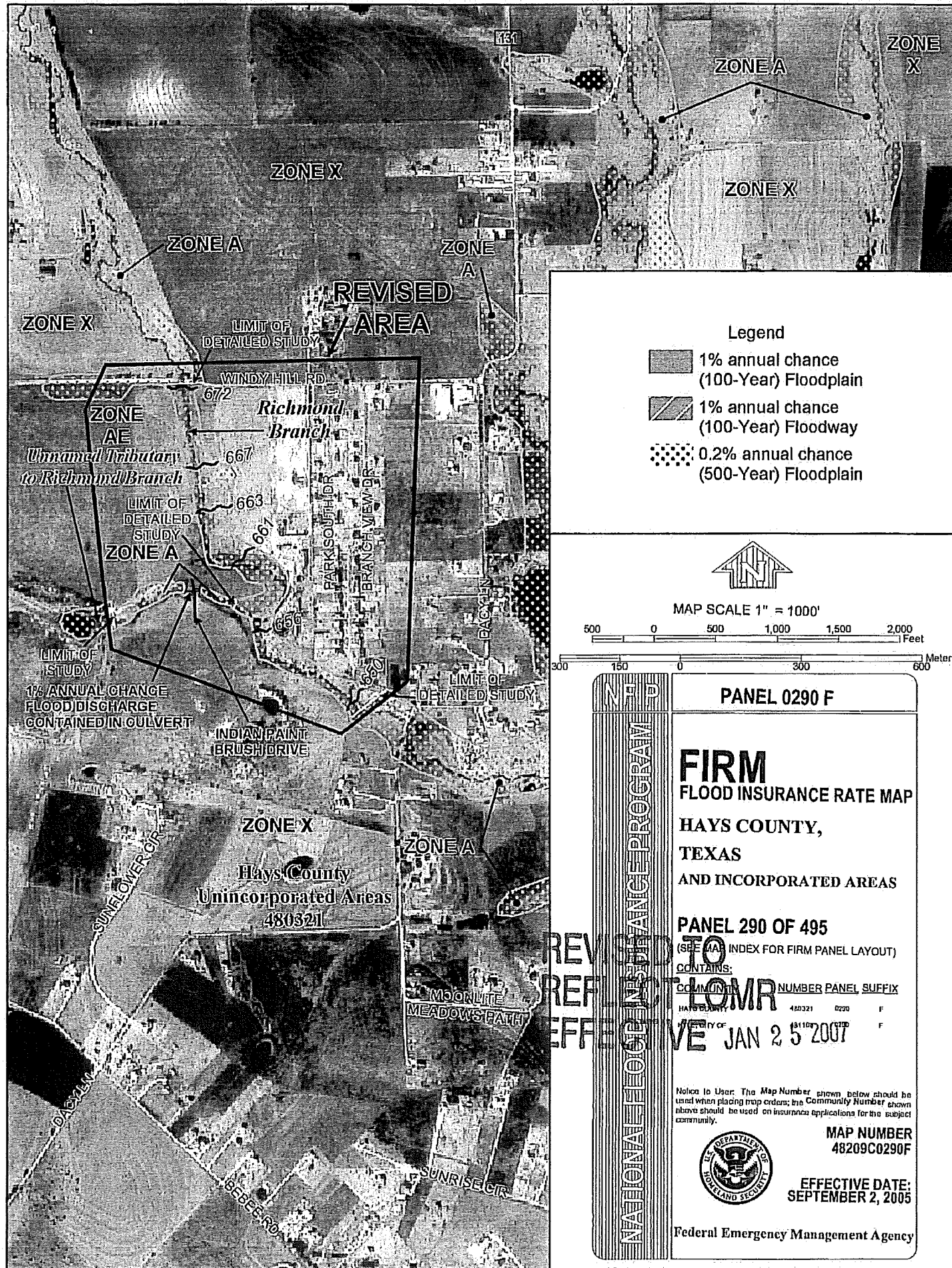
Any person having knowledge or wishing to comment on these changes should immediately notify:

The Honorable Miguel Gonzalez  
Mayor, City of Kyle  
P.O. Box 40  
Kyle, TX 78640




Table 1 Summary of Discharges

<u>Flooding Source and Location</u>	<u>Drainage Area</u> <u>(Square Miles)</u>	<u>Peak Discharges (Cubic Feet per Second)</u>		
		<u>10-Year</u>	<u>50-Year</u>	<u>100-Year</u>
Richmond Branch 2600 upstream of confluence with Port	1.69	2,435	3,385	5,796

**REVISED TO  
REFLECT LOMR  
EFFECTIVE JAN 25 2007**

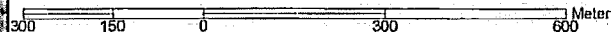


Legend

-  1% annual chance (100-Year) Floodplain
-  1% annual chance (100-Year) Floodway
-  0.2% annual chance (500-Year) Floodplain



MAP SCALE 1" = 1000'



PANEL 0290 F

**FIRM**  
 FLOOD INSURANCE RATE MAP  
 HAYS COUNTY,  
 TEXAS  
 AND INCORPORATED AREAS

PANEL 290 OF 495

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY NUMBER PANEL SUFFIX

HAYS COUNTY 480321 0290 F

DATE OF REVISION 08/10/05 0290 F

EFFECTIVE DATE: JAN 25 2007

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

MAP NUMBER  
 48209C0290F

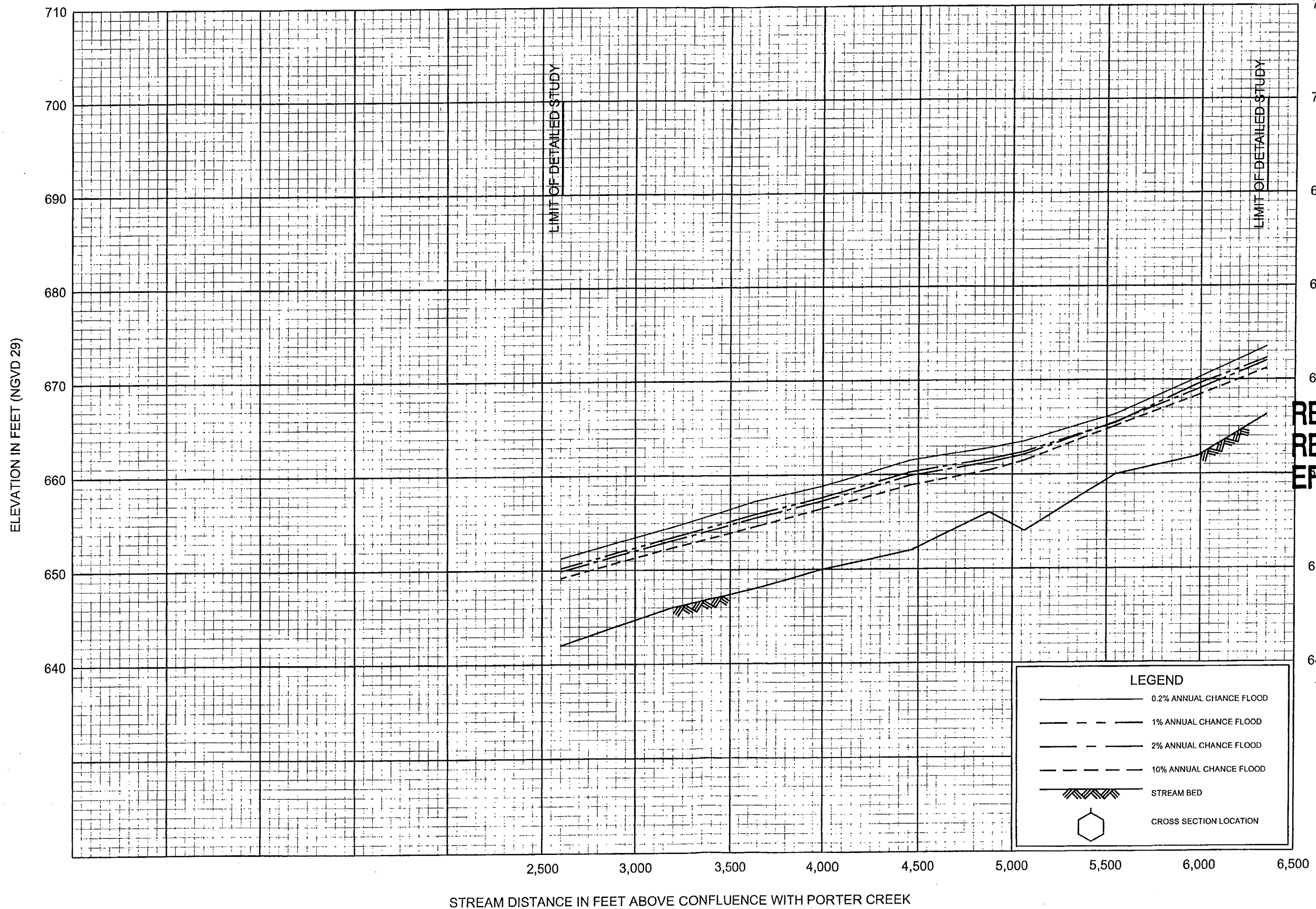
EFFECTIVE DATE:  
 SEPTEMBER 2, 2005



Federal Emergency Management Agency

REVISED TO REFLECT EFFECTIVE DATE  
 NATIONAL FLOOD INSURANCE PROGRAM





FLOOD PROFILES  
 RICHMOND BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY  
 HAYS COUNTY, TX  
 AND INCORPORATED AREAS

171P