



# Federal Emergency Management Agency

Washington, D.C. 20472

October 16, 2012

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

The Honorable John E. Manning  
Chairman, Lee County Board of Commissioners  
P.O. Box 398  
Fort Myers, FL 33902

IN REPLY REFER TO:

Case No.: 12-04-2790P  
Community Name: Lee County, FL  
Community No.: 125124  
Effective Date of  
This Revision: **February 28, 2013**

Dear Mr. Manning:

The Flood Insurance Rate Map for your community has 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, 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 (FMIX) 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,

*Beth A. Norton*

Beth A. Norton, Program Specialist  
Engineering Management Branch  
Federal Insurance and Mitigation Administration

For: 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

cc: Mr. Robert Stewart, CFM  
Building Official  
Department of Community Development  
Lee County

Ms. Elizabeth A. Fountain, P.E., CFM  
Vice President  
J.R. Evans Engineering, P.A.

Mr. Kenneth E. Morris  
President  
Floodzone Revisions, LLC

**RECEIVED**  
OCT 22 2012

COMMUNITY DEVELOPMENT



# Federal Emergency Management Agency

Washington, D.C. 20472

## LETTER OF MAP REVISION DETERMINATION DOCUMENT

| COMMUNITY AND REVISION INFORMATION   |   | PROJECT DESCRIPTION  | BASIS OF REQUEST                                       |
|--|---|--|--|
| COMMUNITY  | Lee County<br>Florida<br>(Unincorporated Areas) | NO PROJECT   | FLOODWAY<br>HYDRAULIC ANALYSIS<br>NEW TOPOGRAPHIC DATA |
|  | COMMUNITY NO.: 125124                           |  |  |
| IDENTIFIER   | Owl Creek BW&S                                  | APPROXIMATE LATITUDE & LONGITUDE: 26.727, -81.750<br>SOURCE: USGS QUADRANGLE DATUM: NAD 83 |  |
| ANNOTATED MAPPING ENCLOSURES   |   | ANNOTATED STUDY ENCLOSURES   |  |
| TYPE: FIRM* NO.: 12071C0282F DATE: August 28, 2008<br>TYPE: FIRM* NO.: 12071C0301F DATE: August 28, 2008 |   | DATE OF EFFECTIVE FLOOD INSURANCE STUDY REPORT: August 28, 2008<br>FLOODWAY DATA TABLE: 9  |  |

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)

Owl Creek - from just upstream of the confluence with Trout Creek/Curry Lake Canal to approximately 1,280 feet upstream  
Trout Creek/Curry Lake Canal - from approximately 520 feet downstream of Owl Creek Drive to approximately 1,170 feet upstream

### SUMMARY OF REVISIONS

| Flooding Source              | Effective Flooding | Revised Flooding | Increases | Decreases |
|------------------------------|--------------------|------------------|-----------|-----------|
| Owl Creek                    | Floodway           | Floodway         | YES       | YES       |
| Trout Creek/Curry Lake Canal | Floodway           | Floodway         | 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 Information eXchange (FMIX) 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 22304-4605. Additional Information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

*Beth A. Norton*

Beth A. Norton, Program Specialist  
Engineering Management Branch  
Federal Insurance and Mitigation Administration

125360 PT202.BKR.12042790P.H17 102-I-A-C



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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.

We provide the floodway designation to your community as a tool to regulate floodplain development. Therefore, the floodway revision we have described in this letter, while acceptable to us, must also be acceptable to your community and adopted by appropriate community action, as specified in Paragraph 60.3(d) of the NFIP regulations.

#### COMMUNITY REMINDERS

We based this determination on the 1-percent-annual-chance flood discharges computed in the FIS for your community without considering subsequent changes in watershed characteristics that could increase flood discharges. Future development of projects upstream could cause increased flood discharges, which could cause increased flood hazards. A comprehensive restudy of your community's flood hazards would consider the cumulative effects of development on flood discharges subsequent to the publication of the FIS report for your community and could, therefore, establish greater flood hazards 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 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 (FMIX) 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 22304-4605. Additional Information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

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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. Brad Loar  
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(s) 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 (FMIX) 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 22304-4605. Additional Information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

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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 website at [https://www.floodmaps.fema.gov/fhm/Scripts/bfe\\_main.asp](https://www.floodmaps.fema.gov/fhm/Scripts/bfe_main.asp).

#### LOCAL NEWSPAPER

Name: *The Fort Myers News Press*

Dates: October 24, 2012 and October 31, 2012

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 determination 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 (FMIX) 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 22304-4605. Additional Information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

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| FLOODING SOURCE             |                       | FLOODWAY        |                                     |  | BASE FLOOD WATER SURFACE ELEVATION<br>(FEET NAVD) |                     |                  |          |
|-----------------------------|-----------------------|-----------------|-------------------------------------|--|---|---------------------|------------------|----------|
| CROSS SECTION               | DISTANCE <sup>1</sup> | WIDTH<br>(FEET) | SECTION<br>AREA<br>(SQUARE<br>FEET) | MEAN<br>VELOCITY<br>(FEET PER<br>SECOND) | REGULATORY  | WITHOUT<br>FLOODWAY | WITH<br>FLOODWAY | INCREASE |
| ORANGE RIVER<br>(Continued) |                       |                 |                                     |  |   |                     |                  |          |
| AB                          | 44,050                | 2,263           | 12,982                              | 0.6                                      | 16.8  | 16.8                | 17.7             | 0.9      |
| AC                          | 44,830                | 2,731           | 13,732                              | 0.6                                      | 17.1  | 17.1                | 18.0             | 0.9      |
| OWL CREEK                   |                       |                 |                                     |  |   |                     |                  |          |
| A                           | 0                     | 165             | 825                                 | 1.5                                      | 6.8 <sup>2</sup>                                  | -0.1 <sup>3</sup>   | 0.9              | 1.0      |
| B                           | 1,003                 | 740             | 2,972                               | 0.4                                      | 6.8 <sup>2</sup>                                  | 4.4 <sup>3</sup>    | 5.4              | 1.0      |
| C                           | 4,818                 | 120             | 445                                 | 2.2                                      | 6.8 <sup>2</sup>                                  | 6.3 <sup>3</sup>    | 7.2              | 0.9      |
| D                           | 6,641                 | 125             | 689                                 | 1.0                                      | 10.4  | 10.4                | 10.9             | 0.5      |
| E                           | 7,451                 | 120             | 388                                 | 1.8                                      | 11.1  | 11.1                | 11.4             | 0.3      |
| F                           | 9,077                 | 148             | 811                                 | 1.2                                      | 18.0  | 18.0                | 19.0             | 1.0      |
| G                           | 9,582                 | 177             | 887                                 | 0.3                                      | 18.0  | 18.0                | 19.0             | 1.0      |
| H                           | 10,717                | 169             | 557                                 | 0.5                                      | 18.2  | 18.2                | 19.2             | 1.0      |
| I                           | 12,282                | 135             | 251                                 | 0.2                                      | 19.8  | 19.8                | 20.7             | 0.9      |
| J                           | 12,392                | 115             | 248                                 | 0.2                                      | 20.0  | 20.0                | 21.0             | 1.0      |
| K                           | 12,632                | 115             | 225                                 | 0.2                                      | 20.0  | 20.0                | 21.0             | 1.0      |

<sup>1</sup> Feet above mouth

<sup>2</sup> Elevation computed without consideration of wave effects

<sup>3</sup> Elevation computed without consideration of backwater effects from Caloosahatchee River

**REVISED TO  
REFLECT LOMR  
EFFECTIVE: February 28, 2013**

TABLE 9

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**LEE COUNTY, FL  
AND INCORPORATED AREAS**

## FLOODWAY DATA

**ORANGE RIVER - OWL CREEK**

| FLOODING SOURCE                 |                       | FLOODWAY        |                                     |  | BASE FLOOD WATER SURFACE ELEVATION<br>(FEET NAVD) |                     |                  |          |
|---------------------------------|-----------------------|-----------------|-------------------------------------|--|---|---------------------|------------------|----------|
| CROSS SECTION                   | DISTANCE <sup>1</sup> | WIDTH<br>(FEET) | SECTION<br>AREA<br>(SQUARE<br>FEET) | MEAN<br>VELOCITY<br>(FEET PER<br>SECOND) | REGULATORY  | WITHOUT<br>FLOODWAY | WITH<br>FLOODWAY | INCREASE |
| TROUT CREEK/CURRY<br>LAKE CANAL |                       |                 |                                     |  | ← REVISED DATA                                    |                     |                  |          |
| A                               | 2,944                 | 1,503           | 7,484                               | 0.8                                      | 6.8 <sup>2</sup>                                  | 5.0 <sup>3</sup>    | 5.7              | 0.7      |
| B                               | 5,344                 | 3,372           | 9,355                               | 0.6                                      | 6.8 <sup>2</sup>                                  | 5.6 <sup>3</sup>    | 6.0              | 0.4      |
| C                               | 6,709                 | 3,326           | 9,900                               | 0.6                                      | 6.8 <sup>2</sup>                                  | 5.9 <sup>3</sup>    | 6.4              | 0.5      |
| D                               | 9,347                 | 3,338           | 8,297                               | 0.7                                      | 6.8 <sup>2</sup>                                  | 6.6 <sup>3</sup>    | 7.3              | 0.7      |
| E                               | 10,800                | 860             | 2,610                               | 2.3                                      | 9.2   | 9.2                 | 9.3              | 0.1      |
| F                               | 15,216                | 1,191           | 4,019                               | 1.1                                      | 11.7  | 11.7                | 12.7             | 1.0      |
| G                               | 16,366                | 654             | 2,445                               | 1.8                                      | 12.9  | 12.9                | 13.8             | 0.9      |
| H                               | 18,151                | 1,038           | 3,137                               | 1.1                                      | 14.4  | 14.4                | 15.3             | 0.9      |
| I                               | 19,824                | 838             | 2,072                               | 1.7                                      | 17.4  | 17.4                | 18.4             | 1.0      |
| J                               | 20,924                | 1,633           | 4,578                               | 0.8                                      | 18.6  | 18.6                | 19.5             | 0.9      |
| K                               | 22,091                | 1,876           | 4,861                               | 0.7                                      | 19.3  | 19.3                | 20.2             | 0.9      |
| L                               | 23,934                | 1,531           | 3,421                               | 1.0                                      | 21.2  | 21.2                | 22.2             | 1.0      |

<sup>1</sup> Feet above mouth

<sup>2</sup> Elevation computed without consideration of wave effects

<sup>3</sup> Elevation computed without consideration of backwater effects from Caloosahatchee River

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REFLECT LOMR  
EFFECTIVE: February 28, 2013**

TABLE 9




FEDERAL EMERGENCY MANAGEMENT AGENCY  
**LEE COUNTY, FL  
AND INCORPORATED AREAS**

## FLOODWAY DATA

TROUT CREEK/CURRY LAKE CANAL



Legend

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



MAP SCALE 1" = 500'



NFIP

PANEL 0282F

# **FIRM** FLOOD INSURANCE RATE MAP

LEE COUNTY,  
FLORIDA  
AND INCORPORATED AREAS

PANEL 282 OF 685

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)  
CONTAINS:

| COMMUNITY  | NUMBER | PANEL | SUFFIX |
|------------|--------|-------|--------|
| LEE COUNTY | 125124 | 0282  | F      |

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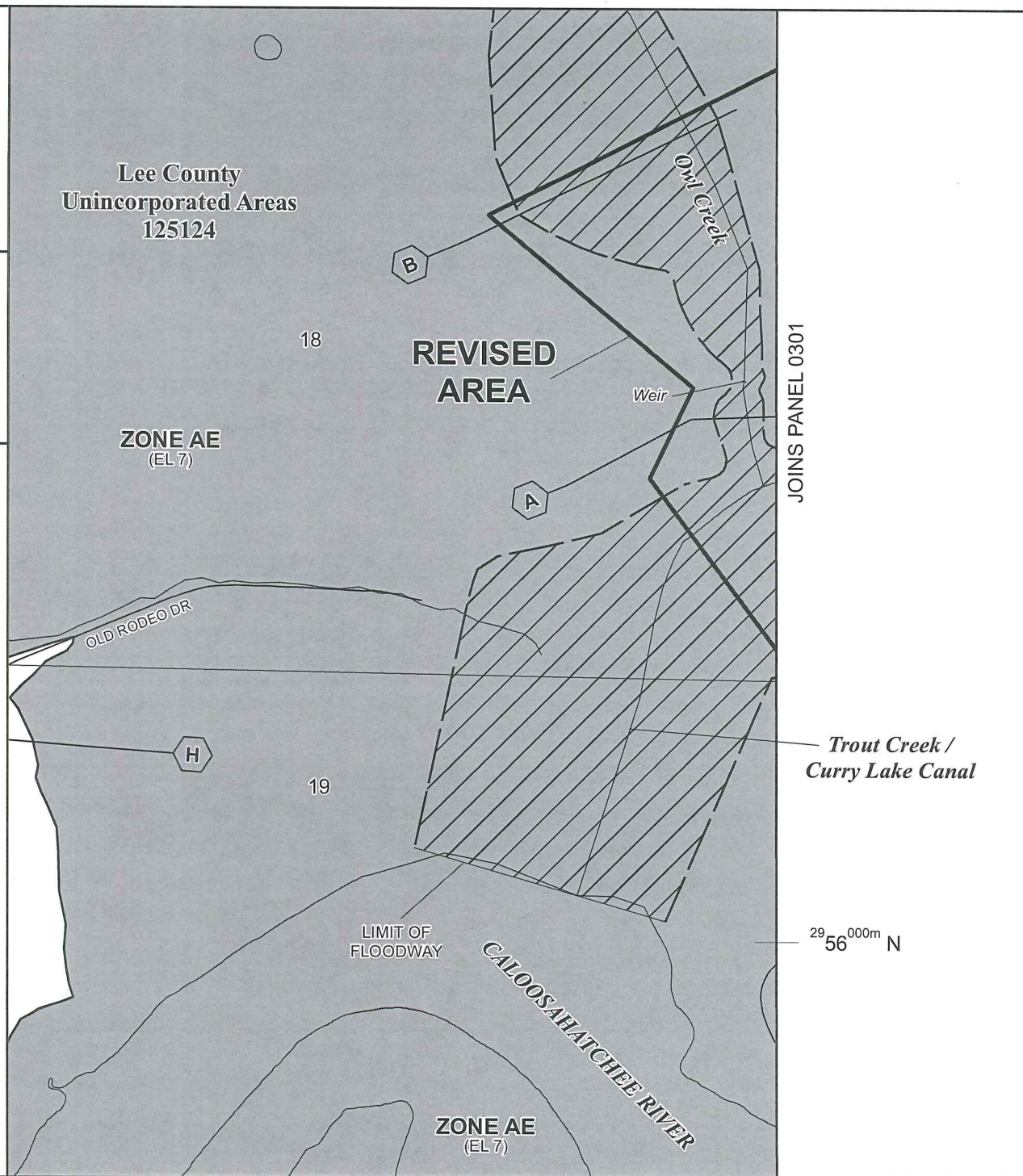
Notice to User: The Map Number shown below should be used when placing map orders; the Community Numbers shown above should be used on insurance applications for the subject community.



MAP NUMBER  
12071C0282F




EFFECTIVE DATE  
AUGUST 28, 2008

Federal Emergency Management Agency



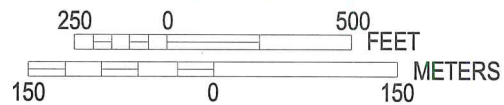


Legend

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



MAP SCALE 1" = 500'



NFIP

PANEL 0301F

# **FIRM** FLOOD INSURANCE RATE MAP

LEE COUNTY,  
FLORIDA  
AND INCORPORATED AREAS

PANEL 301 OF 685

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)  
CONTAINS:

| COMMUNITY  | NUMBER | PANEL | SUFFIX |
|------------|--------|-------|--------|
| LEE COUNTY | 125124 | 0301  | F      |

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REFLECT LOMR  
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MAP NUMBER  
12071C0301F

EFFECTIVE DATE  
AUGUST 28, 2008

Federal Emergency Management Agency

JOINS PANEL 0282

Bridge  
870000 FT

