



Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION DETERMINATION DOCUMENT

COMMUNITY AND REVISION INFORMATION		PROJECT DESCRIPTION	BASIS OF REQUEST
COMMUNITY	Lincoln County South Dakota (Unincorporated Areas)	CULVERT	HYDRAULIC ANALYSIS HYDROLOGIC ANALYSIS NEW TOPOGRAPHIC DATA
	COMMUNITY NO.: 460277		
IDENTIFIER	Lincoln County LOMR For Blue Spruce And Other Subdivisions	APPROXIMATE LATITUDE & LONGITUDE: 43.432, -96.823 SOURCE: Other DATUM: NAD 83	
ANNOTATED MAPPING ENCLOSURES		ANNOTATED STUDY ENCLOSURES	
TYPE: FIRM* NO.: 46083C0137C DATE: April 2, 2008		DATE OF EFFECTIVE FLOOD INSURANCE STUDY: April 02, 2008 PROFILE(S): 01P, 02P, AND 03P SUMMARY OF DISCHARGES TABLE: 1	

Enclosures reflect changes to flooding sources affected by this revision.

* FIRM - Flood Insurance Rate Map

FLOODING SOURCE(S) & REVISED REACH(ES)

See Page 2 for Additional Flooding Sources

Tea Tributary - From approximately 2,830 feet upstream of 274th Street to approximately 1,020 feet upstream of 469th Avenue.

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Tea Tributary	Zone A No BFEs*	Zone AE BFEs	YES YES	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/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, 6730 Santa Barbara Court, Elkridge, MD 21075. Additional Information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

David N. Bascom, CFM, Program Specialist
Engineering Management Branch
Mitigation Directorate

PT202.BKR.10080327P.H05 102-I-A-C



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

OTHER FLOODING SOURCES AFFECTED BY THIS REVISION

FLOODING SOURCE(S) & REVISED REACH(ES)

Tea Tributary (with 273rd Street) - approximately 400 feet downstream of Hemlock Avenue to approximately 270 feet upstream of Redwood Avenue
Tea Tributary Split 1 - from approximately 900 feet downstream of Blue Spruce Avenue to approximately 2,850 feet upstream of Blue Spruce Avenue

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Tea Tributary (with 273rd Street)	Zone X (unshaded) No BFEs*	Zone AE BFEs	YES YES	NONE NONE
Tea Tributary Split 1	Zone X (unshaded) No BFEs	Zone AE BFEs	YES YES	NONE 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 (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 6730 Santa Barbara Court, Elkridge, MD 21075. 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)

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 or local requirements to which the regulations apply.

NFIP regulations Subparagraph 60.3(b)(7) requires communities to ensure that the flood-carrying capacity within the altered or relocated portion of any watercourse is maintained. This provision is incorporated into your community's existing floodplain management ordinances; therefore, responsibility for maintenance of the altered or relocated watercourse, including any related appurtenances such as bridges, culverts, and other drainage structures, rests with your community. We may request that your community submit a description and schedule of maintenance activities necessary to ensure this requirement.

COMMUNITY REMINDERS

We based this determination on the 1-percent-annual-chance discharges computed in the submitted hydrologic analysis. 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 law have been obtained. State 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 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, 6730 Santa Barbara Court, Elkridge, MD 21075. Additional Information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

A handwritten signature in black ink, appearing to read "David N. Bascom".

David N. Bascom, CFM, Program Specialist
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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:

Ms. Jeanine D. Petterson
Director, Mitigation Division
Federal Emergency Management Agency, Region VIII
Denver Federal Center, Building 710
P.O. Box 25267
Denver, CO 80225-0267
(303) 235-4830

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, 6730 Santa Barbara Court, Elkridge, MD 21075. 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

PUBLIC NOTIFICATION

FLOODING SOURCE	LOCATION OF REFERENCED ELEVATION	BFE (FEET NAVD 88)		MAP PANEL NUMBER(S)
		EFFECTIVE	REVISED	
Tea Tributary	Approximately 2830 feet upstream of 274th Street	None	1,450	46083C0137C
	Approximately 1,020 feet upstream of 469th Avenue	None	1,474	46083C0137C
Tea Tributary (with 273rd Street)	Approximately 400 feet downstream of Hemlock Avenue	None	1,468	46083C0137C
	Approximately 270 feet upstream of Redwood Avenue	None	1,471	46083C0137C
Tea Tributary Split 1	Approximately 900 feet downstream of Blue Spruce Avenue	None	1,470	46083C0137C
	Approximately 2,850 feet upstream of Blue Spruce Avenue	None	1,472	46083C0137C

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. Please refer to FEMA's website at https://www.floodmaps.fema.gov/fhm/Scripts/bfe_main.asp for a more detailed description of proposed BFE changes, which will be posted within a week of the date of this letter.

LOCAL NEWSPAPER Name: *The Lennox Independent*
Dates: 08/19/2010 and 08/26/2010

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, 6730 Santa Barbara Court, Elkridge, MD 21075. Additional information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

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Engineering Management Branch
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TABLE 1 - SUMMARY OF DISCHARGES (cont'd)

<u>Flooding Source/Location</u>	<u>Drainage Area (Sq. Miles)</u>	<u>Peak Discharges (Cubic Feet per Second)</u>			
		<u>10%</u>	<u>2%</u>	<u>1%</u>	<u>0.2%</u>
		<u>Annual</u>	<u>Annual</u>	<u>Annual</u>	<u>Annual</u>
		<u>Chance</u>	<u>Chance</u>	<u>Chance</u>	<u>Chance</u>
		<u>Flood</u>	<u>Flood</u>	<u>Flood</u>	<u>Flood</u>
Tea Tributary					
Downstream of 273rd Street	0.82	-- ¹	-- ¹	416 ²	-- ¹
Upstream of 273rd Street	0.58	-- ¹	-- ¹	438	-- ¹
Tea Tributary (with 273rd Street)					
Downstream of confluence with Tea Tributary Split 1	0.78	-- ¹	-- ¹	346 ³	-- ¹
Upstream of confluence with Tea Tributary Split 1	0.69	-- ¹	-- ¹	330 ³	-- ¹
Tea Tributary Split 1					
Confluence with Tea Tributary	0.11	-- ¹	-- ¹	10	-- ¹

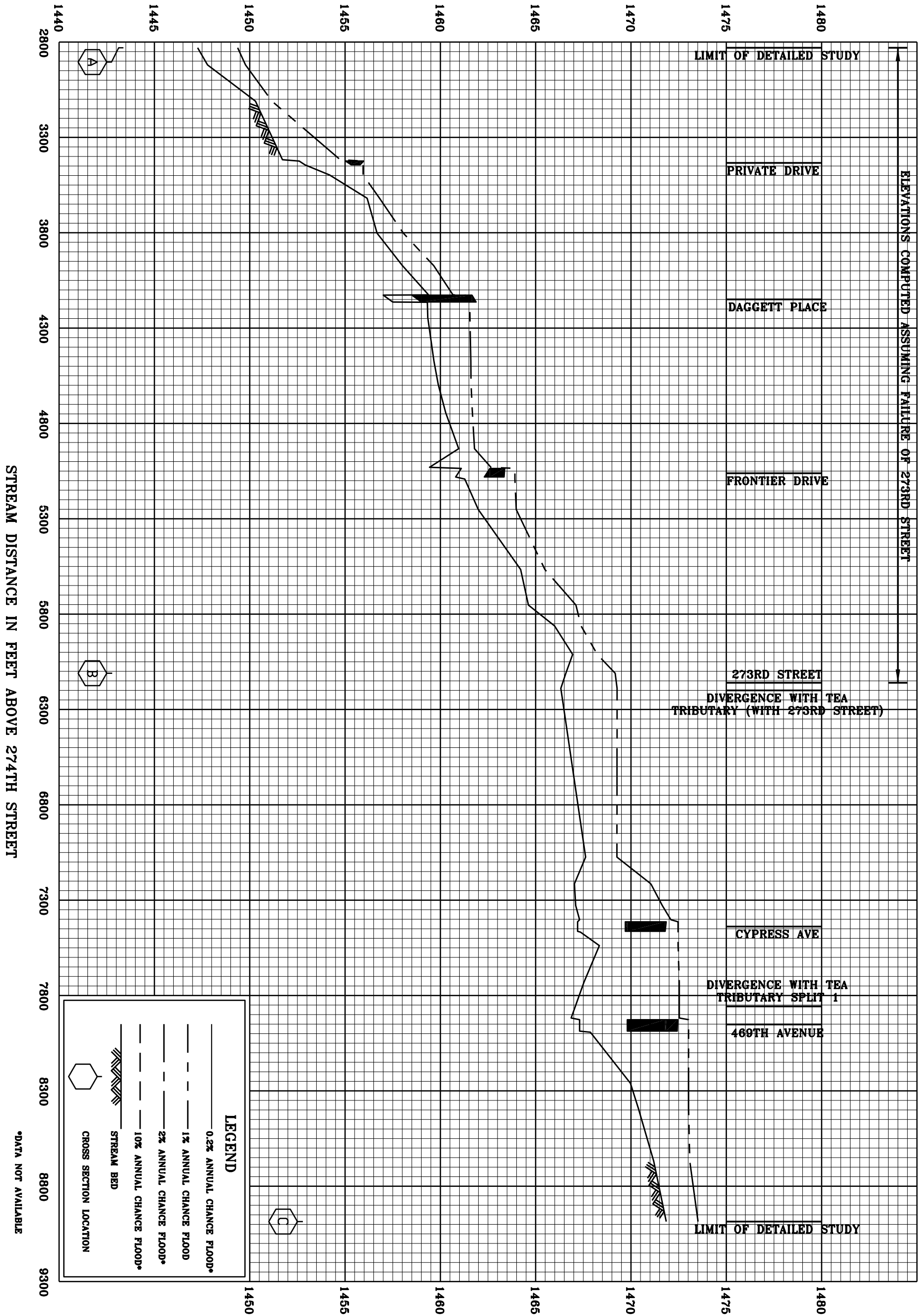
¹Discharges not computed

²Discharge computed assuming 273rd Street fails

³Discharge computed assuming 273rd Street holds

**REVISED TO
REFLECT LOMR
EFFECTIVE: December 24, 2010**

ELEVATION IN FEET (NAVD 88)



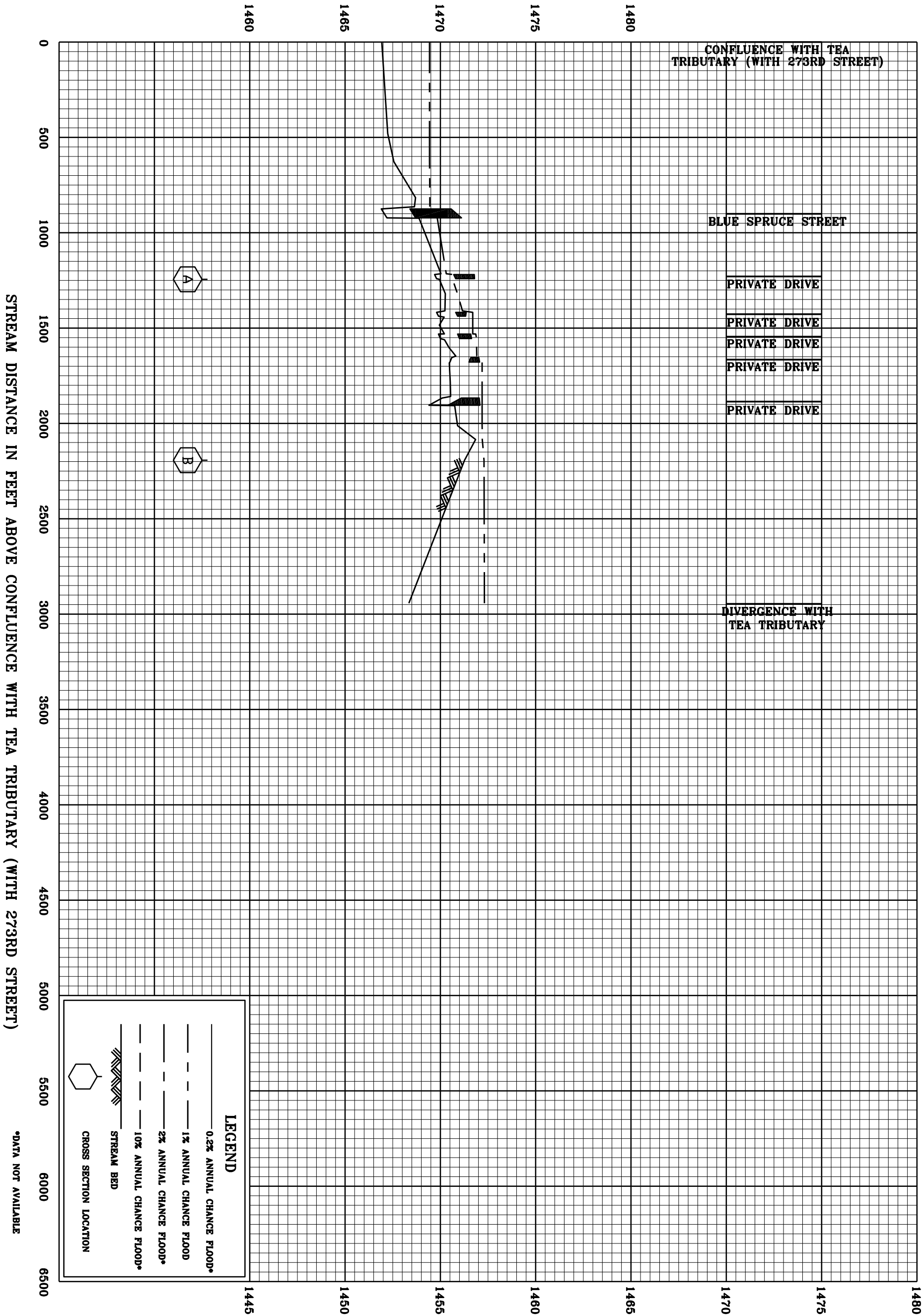
FEDERAL EMERGENCY MANAGEMENT AGENCY
 LINCOLN COUNTY, SD
 AND INCORPORATED AREAS

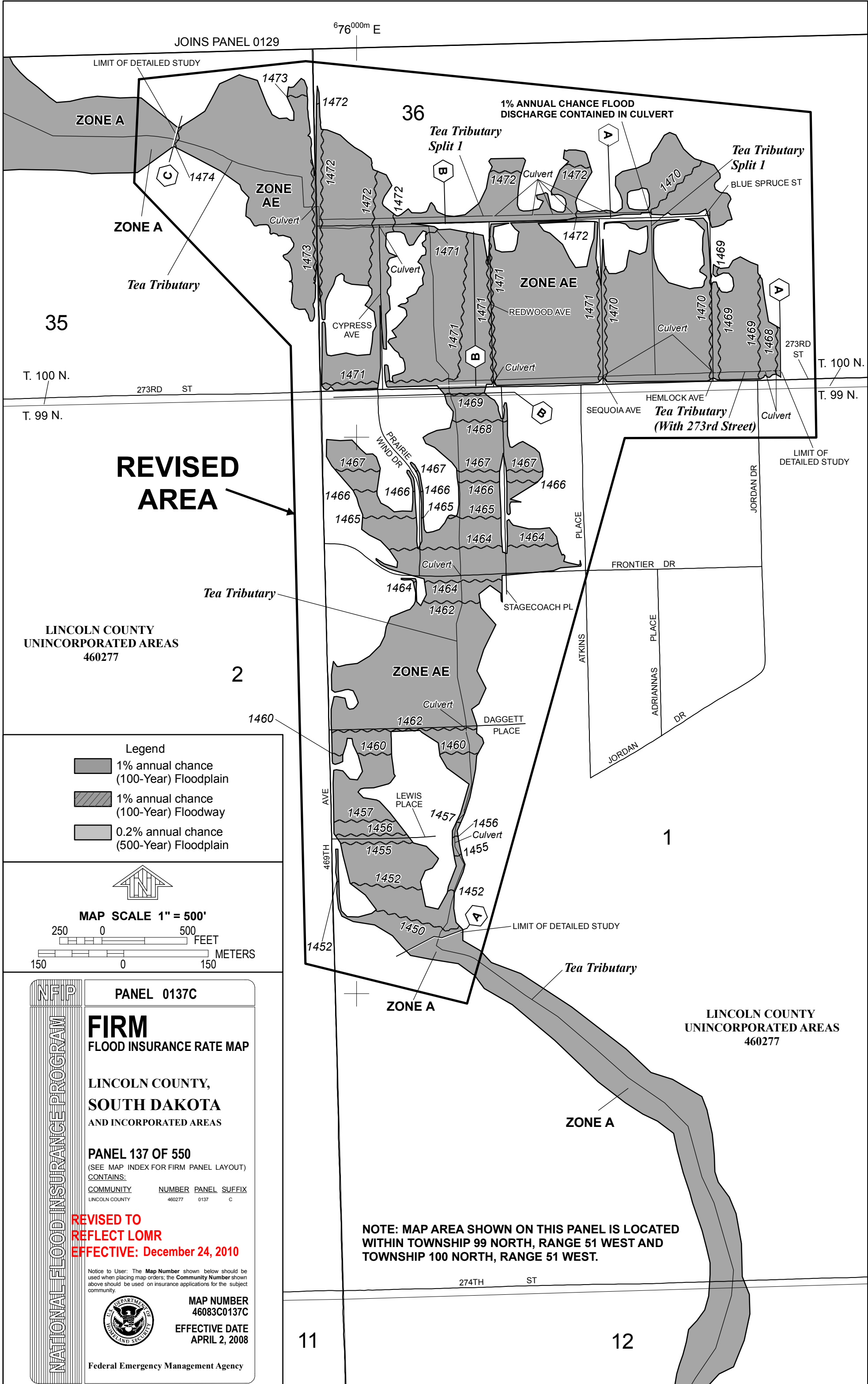
REVISED TO
 REFLECT LOMR
 EFFECTIVE: December 24, 2010

FLOOD PROFILES

TEA TRIBUTARY

ELEVATION IN FEET (NAVD 88)





JOINS PANEL 0129

676^{000m} E

LIMIT OF DETAILED STUDY

1% ANNUAL CHANCE FLOOD DISCHARGE CONTAINED IN CULVERT

36
Tea Tributary Split 1

Tea Tributary Split 1
BLUE SPRUCE ST

ZONE A

ZONE AE

ZONE AE

ZONE A

Tea Tributary

35

T. 100 N.

273RD ST

T. 100 N.

T. 99 N.

REVISED AREA

Tea Tributary

LINCOLN COUNTY UNINCORPORATED AREAS 460277

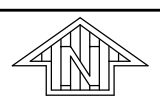
2

ZONE AE

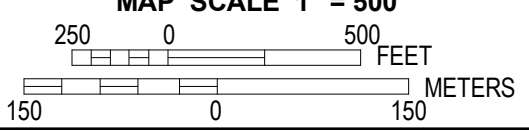
Tea Tributary (With 273rd Street)

LIMIT OF DETAILED STUDY

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



MAP SCALE 1" = 500'



PANEL 0137C

FIRM
FLOOD INSURANCE RATE MAP

LINCOLN COUNTY,
SOUTH DAKOTA
AND INCORPORATED AREAS

PANEL 137 OF 550
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)
CONTAINS:
COMMUNITY NUMBER PANEL SUFFIX
LINCOLN COUNTY 460277 0137 C

REVISED TO REFLECT LOMR
EFFECTIVE: December 24, 2010

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



MAP NUMBER 46083C0137C
EFFECTIVE DATE APRIL 2, 2008

Federal Emergency Management Agency

NOTE: MAP AREA SHOWN ON THIS PANEL IS LOCATED WITHIN TOWNSHIP 99 NORTH, RANGE 51 WEST AND TOWNSHIP 100 NORTH, RANGE 51 WEST.

274TH ST

11

12

LINCOLN COUNTY UNINCORPORATED AREAS 460277

ZONE A

Tea Tributary

LIMIT OF DETAILED STUDY

1

1460

1462

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