

WAYNE COUNTY, MICHIGAN

(ALL JURISDICTIONS)

(Community	C	Community		<i>~~~~~</i> ~~
Community Name	Number	Community Name	Number	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	<u>`</u> `~_
Allen Park, City of	260217	* Grosse Pointe Woods,	260231	ح⁄ي √ځ	
Belleville, City of	260544	City of		<i>∠</i>),	
Brownstown, Charter	260218	* Hamtramck, City of	260308	FI-III	
Township of		* Harper Woods, City of	260214	╱┯┸┯┸	┯┸┸╱╶
Canton, Township of	260219	* Highland Park, City of	260295) - - - -	$H(\mathcal{L})$
Dearborn, City of	260220	Huron, Township of	260545	W	
Dearborn Heights,	260221	Inkster, City of	260232	Wayne	╌┼╌┌┷╏
City of		Lincoln Park, City of	260234	County	ᠽ┸┰┸┎┷╶┰╌
Detroit, City of	260222	Livonia, City of	260233	/ - / - /	
Ecorse, City of	260223	Melvindale, City of	260310	/H+	└┤ ┴┼ ┖ ┩
Flat Rock, City of	260224	Northville, City of	260235		
* Garden City, City of	260225	(Oakland and Wayne			
Gibraltar, City of	260226	Counties)			
Grosse Ile, Township of	£ 260227	Northville, Township of	260669		
Grosse Pointe, City of	260228	Plymouth, Charter	260237		
Grosse Pointe Farms,	260229	Township of			Community
City of		Plymouth, City of	260236	Community Name	Number
Grosse Pointe Park,	260230	Redford, Township of	260238	Taylor, City of	260728
City of		River Rouge, City of	260239	Trenton, City of	260244
Grosse Pointe Shores,	260250	Riverview, City of	260240	Van Buren, Township	of 260546
A Michigan City,		Rockwood, City of	260241	Wayne, City of	260245
Village of		Romulus, City of	260381	Westland, City of	260739
(Macomb and Wayne		Southgate, City of	260242	Woodhaven, City of	260730
Counties)		Sumpter, Township of	260243	Wyandotte, City of	260246



EFFECTIVE: February 2, 2012



Federal Emergency Management Agency

NOTICE TO FLOOD INSURANCE STUDY USERS

Communities participating in the National Flood Insurance Program (NFIP) have established repositories of flood hazard data for floodplain management and flood insurance purposes. This Flood Insurance Study (FIS) report may not contain all data available within the Community Map Repository. It is advisable to contact the Community Map Repository for any additional data.

Part or all of this Flood Insurance Study may be revised and republished at any time. In addition, part of this Flood Insurance Study may be revised by the Letter of Map Revision process, which does not involve republication or redistribution of the Flood Insurance Study. It is, therefore, the responsibility of the user to consult with community officials and to check the community repository to obtain the most current Flood Insurance Study components.

Selected Flood Insurance Rate Map panels for this community contain information that was previously shown separately on the corresponding Flood Boundary and Floodway Map panels (e.g., floodways, cross sections). In addition, former flood hazard zone designations have been changed as follows:

Old Zones	New Zone
A1 through A30	AE
В	X
C	X

Initial Countywide FIS Effective Date: February 2, 2012

TABLES OF CONTENTS

Table of Contents – Volume 1

			<u>Page</u>
1.0	INTR	RODUCTION	1
	1.1	Purpose of Study	1
	1.2	Authority and Acknowledgements	2
	1.3	Coordination	8
2.0	AREA	A STUDIED	9
	2.1	Scope of Study	9
	2.2	Community Description	15
	2.3	Principal Flood Problems	17
	2.4	Flood Protection Measures	18
3.0	ENG	INEERING METHODS	19
	3.1	Hydrologic Analyses	19
	3.2	Hydraulic Analyses	40
	3.3	Vertical Datum	59
4.0	FLOC	ODPLAIN MANAGEMENT APPLICATIONS	61
	4.1	Floodplain Boundaries	61
	4.2	Floodways	61
		<u>Table of Contents – Volume 2</u>	
5.0	INSU	URANCE APPLICATIONS	154
6.0	FLOC	FLOOD INSURANCE RATE MAP	
7.0	OTHER STUDIES		159
8.0	LOCATION OF DATA		159
9.0	BIBL	LIOGRAPHY AND REFERENCES	159

FIGURES

<u>Figures – Volume 1</u>

	<u>Page</u>
FIGURE 1 – Floodway Schematic	62
<u>TABLES</u>	
<u>Tables – Volume 1</u>	
TABLE 1 – Wayne County CCO Meetings TABLE 2 – Limits of Previous Detailed Studies TABLE 3 – Limits of Restudied Detailed Studies TABLE 4 – Limits of New Detailed Studies TABLE 5 – Streams Studied by Approximate Methods TABLE 6 – Stream Name Changes TABLE 7 – Letters of Map Changes TABLE 8 – High-Water Marks TABLE 9 – Summary of Peak Discharges TABLE 10 – Detroit River Flood Elevations TABLE 11 – Summary of Stillwater Elevations TABLE 12 – Cross Section Data TABLE 13 – Starting Water-Surface Elevations TABLE 14 – Manning's "n" Values TABLE 15 – Datum Conversion Calculation TABLE 16 – Floodway Data TABLE 16 – Floodway Data TABLE 17 – Community Map History	8-9 10-12 12 13-14 14 14 15 18 26-37 38 39 40-50 51-55 55-57 60 64-96
EXHIBITS	
Exhibits – Volume 3	
Exhibit 1 – Flood Profiles Ashcroft-Sherwood Drain Bakewell Tile Extension Beitz Drain Bell Branch Bingell Drain Bird Marsh Drain Bradshaw Drain Branch No. 1 Mosquito Drain Brighton Drain Brooks Drain	01P 02P 03P-04P 05P-14P 15P-16P 17P 18P-19P 20P 21P 22P

$\underline{EXHIBITS}\ (continued)$

<u>Exhibits – Volume 3</u> (continued)

	<u>Page</u>
Exhibit 1 – Flood Profiles	
Brownstown Creek	23P-31P
Carroll Drain	32P
Clark-Morey Drain	33P-34P
Clee Drain East	35P
Clee Drain West	36P
Cook and Gladding Drain	37P-38P
Day and Cutter Drain	39P
Desbrow Drain	40P-42P
Detroit River	43P–47P
Division A	48P
Division B	49P
Ecorse Creek	50P
Fellows Creek	51P-52P
Frank and Poet Drain	53P-62P
Frenchman Creek	63P
Green Meadows Drain	64P
Hand Drain	65P
Head Drain	66P
Huntington Creek	67P
Huron River	68P-71P
Jefferson Avenue Diversion	72P-73P
Johnson Drain	74P-76P
Johnson Drain Tributary	77P
King Drain	78P
Lamke Drain	79P
Lords Drain	80P-81P
Lower River Rouge	82P-88P
Marsh Creek	89P-91P
Marsh Creek / Blakely Drain	92P
Blakely Drain	93P-98P
McClaughrey Drain	99P-100P
Exhibits – Volume 4	
Exhibit 1 – Flood Profiles	
Middle River Rouge	101P-110P
Morrison Drain	111P
Mosquito Drain	111P
No. 1 Drain	113P
No. 3 Drain	1131 114P
North Branch Ecorse Creek	115P–125P
North Branch Swan Creek	126P-136P
Randolph Street Drain	120F-130F 137P-139P
River Rouge	137F-139F 140P-141P
Short Cut Canal	140F-141F 142P
Dilott Cut Culiul	1741

$\underline{EXHIBITS}\ (continued)$

<u>Exhibits – Volume 4</u> (continued)

	Page
Exhibit 1 – Flood Profiles	_
Silver Creek	143P-149P
Silver Creek Diversion to Smith Creek	150P
Sines Drain	151P-152P
Smith Creek	153P-160P
Smith Creek / Silver Creek Overflow	161P
South Branch Ecorse Creek	162P-164P
Sexton-Kilfoil Drain	165P-166P
South Branch Tonquish Creek	167P-169P
Sutliff and Kenope Drain	170P-171P
Tarabusi Creek	172P-176P
Thorofare Canal	177P-179P
Tonquish Creek	180P-184P
Trenton Channel	185P-186P
Tributary No. 1	187P
Unnamed Drain 1 to Brownstown Creek	188P
Unnamed Drain 2 to Brownstown Creek	189P
Upper River Rouge	190P-192P
Willow Creek	193P-195P

PUBLISHED SEPARATELY

Flood Insurance Rate Map Index Flood Insurance Rate Maps







































































































































































































