



AGENDA
VILLAGE BOARD MEETING
RICHFIELD VILLAGE HALL
4128 HUBERTUS ROAD, HUBERTUS WISCONSIN
September 17, 2015
7:00P.M.

1. Call to Order/ Roll Call
2. Verification of Compliance With Open Meeting Law
3. Pledge of Allegiance
4. REPORT
 - a. Scenic Pit LLC. vs. Village of Richfield et. al., Case No. 2015CV000374
5. PUBLIC COMMENTS (Public comments are an opportunity for citizens to voice concerns to the Board regarding ITEMS ON THE AGENDA ONLY. Public comments are not a public hearing and are typically a one way conversation from a citizen to the Board. Individual comments shall not exceed 3 minutes, with a total time limit of approximately 20 minutes. Unless part of a Public Hearing, handouts will not be accepted by the Village. Comments beyond 20 minutes will be moved to the end of the meeting at the discretion of the President.)
6. CONSENT AGENDA
 - a. Vouchers for Payment
 - b. Treasurer's Report
 - c. Meeting Minutes:
 - i. August 20, 2015 – Regular Meeting
 - d. New Operator Licenses
 - e. Goetz St Louis Post 522 Class "B" Picnic License
7. DISCUSSION/ACTION ITEMS
 - a. Discussion/Action regarding multiple amendments to Section 70.213 of the Village's Zoning Code – Floodplain District
 - b. Discussion/Action regarding the reduction in an established Letter of Credit for D&S Weyer No. II, LLC
 - c. Discussion/Action regarding approval of a Combination "Class B" Retail License for the sale of Fermented Malt Beverages and Intoxicating Liquors and Unenclosed Premise Permit for La Cabana located at 3052 Hubertus Road, Hubertus, WI
 - d. Discussion/Action regarding Temporary Operator License
 - e. Discussion regarding the Future Transportation Map
8. PUBLIC COMMENTS (...Continued)
9. CLOSED SESSION
 - a. Discussion/Action Discussion /Action to enter into closed session under Wis. Stats. 19.85(1)(g) update from legal counsel for the governing body who is rendering oral or written advice concerning strategy to be adopted by the governing body with respect to litigation in which it is or is likely to become involved.- Specifically regarding property at 801 Bark Lake Road
 - b. Discussion/Action Discussion /Action to enter into closed session under Wis. Stats. 19.85(1)(g) update from legal counsel for the governing body who is rendering oral or written advice concerning strategy to be adopted by the governing body with respect to litigation in which it is or is likely to become involved.- Specifically regarding property at 867 E. Shore Drive
10. RECONVENE IN OPEN SESSION
 - a. Discussion/Action regarding matters addressed in Closed Session as outlined above
11. ADJOURNMENT

Additional explanation of items on the agenda (Communication Forms) can be found on the village's website at www.richfieldwi.gov. Notification of this meeting has been posted in accordance with the Open Meeting Laws of the State of Wisconsin. It is possible that members of and possibly a quorum of members of other governmental bodies of the municipality may be in attendance at the above stated meeting to gather information; no action will be taken by any governmental body at the above stated meeting other than the governmental body specifically referred to above in this notice. Requests from persons with disabilities who need assistance to participate in this meeting or hearing should be made to the Village Clerk's office at 628-2260 or www.richfieldwi.gov with as much advance notice as possible.



AFFIDAVIT OF POSTING

Pursuant to Sec. 985.02(2), Wis Stats., I, Margaret Runnels, being duly sworn, state as follows:

1. I am an adult resident of the State of Wisconsin, and I make this affidavit on personal knowledge.
2. I hereby certify that I posted a copy of the attached:

- 1) Village Board Meeting - 2015.9.17
- 2) Sp Mtg of the Village Board - 2015.9.15

on Friday, 9/11/15 (date), 3:00 P.M. (time), at the Village posting locations, namely: on the outside bulletin board of the Village Hall located at 4128 Hubertus Road, Hubertus; on the outside bulletin board at the Hubertus Post Office located at 3695 Hubertus Road, Hubertus; on the outside bulletin board at the Richfield Post Office located at 1925 Hwy 175, Richfield; and on the outside bulletin board at the Colgate Post Office located at 3392 Hwy Q, Colgate.

Margaret M. Runnels
Signature

September 11, 2015
Date

Personally came before me this 11th day
of September, 2015.

[Signature]
Notary Public, State of Wisconsin
My commission expires 9-4-16

I also certify that notice of such meeting(s) were sent via email to the West Bend Daily News, the Germantown Express News, the Hartford Times Press, and the Milwaukee Journal Sentinel.

Signature

Date

I further certify that a copy has been posted to the Village website www.richfieldwi.gov.

Signature

Date

4 a

Report will be presented at meeting

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VILLAGE OF RICHFIELD
VILLAGE BOARD COMMUNICATION FORM

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MEETING DATE: September 17, 2015

SUBJECT: Consent Agenda
DATE SUBMITTED: September 10, 2015
SUBMITTED BY: Jim Healy, Village Administrator

POLICY QUESTION: DOES THE VILLAGE BOARD WISH TO APPROVE THE ATTACHED CONSENT AGENDA?

ISSUE SUMMARY:

Included for your review are the Vouchers for Payment, Treasurer's Report, the Village Board Minutes from August 20th, New Operator Licenses, and Goetz St. Louis – Legion Post #522 Class "B" Picnic License.

FISCAL IMPACT:

REVIEWED BY: 
Village Deputy Treasurer

Initial Project Costs:
Future Ongoing Costs:
Physical Impact (on people/space):
Residual or Support/Overhead/Fringe Costs:

ATTACHMENTS:

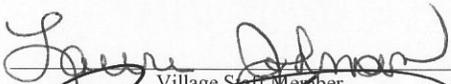
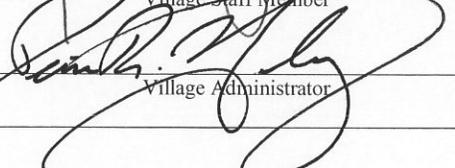
1. Vouchers for Payment
2. Treasurer's Report
3. Meeting Minutes from August 20, 2015
4. New Operator License List, Copy of Applications, Background Investigation Report
5. Goetz St. Louis – Legion Post #522 Class "B" Picnic License

STAFF RECOMMENDATION:

Motion to approve the Vouchers for Payment, Treasurer's Report, the Village Board Minutes from August 20th, New Operator Licenses and Goetz St. Louis – Legion Post #522 Class "B" Picnic License.

APPROVED FOR SUBMITTAL BY:

VILLAGE CLERK USE ONLY
BOARD ACTION TAKEN


Village Staff Member

Village Administrator

Resolution No. _____
Ordinance No. _____
Approved _____
Other _____

Continued To: _____
Referred To: _____
Denied _____
File No. _____

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VILLAGE OF RICHFIELD
VOUCHERS FOR PAYMENT
SEPTEMBER 2015

BATCH #1					
CHECK #	PO#	DATE	PAYEE	AMOUNT	COMMENTS
9527		8/25/15	Hanson Heating LLC	\$135.00	4718 Autumn Trail Building Permit Reimbursement
9528		8/25/15	Delta Dental	\$206.80	September Dental Insurance (payroll deduction)
9529		8/25/15	Northshore Bank Leasing LLC	\$718.04	September Building Inspector Lease Contract
9530		8/25/15	WE Energies	\$1,683.33	Street Lighting and Electric Charges
9531		8/25/15	Road Bond Refund	\$2,000.00	3947 Whispering Ridge Drive
9532		8/25/15	NFPA	\$165.00	National Fire Protectino Association Membership
ACH		8/25/15	Village of Richfield	\$18,866.54	Village of Richfield Bi-Weekly Payroll
EFTPS		8/25/15	Federal Income Tax Payment	\$8,157.69	FICA Tax
ACH		8/25/15	Wisconsin Department of Revenue	\$1,126.08	State Withholding Tax
ACH		8/25/15	Wisconsin Deferred Compensation	\$250.00	457 Plan
ACH		8/25/15	Wisconsin Retirement System	\$5,994.66	Wisconsin July Payroll Payment
ACH		8/27/15	United HealthCare	\$11,039.23	September Health Insurance
9533		8/28/15	Washington County Convention	\$1,620.00	Economic Development Partnership
9534		8/28/15	Winnebago Co. UWEX	\$70.00	DPW Prune Training
9535		8/28/15	Road Bond Refund	\$2,000.00	2267 Candlelight Court
9536		8/28/15	Voided Check		
9537		8/28/15	Registration Fee Trust	\$150.00	License Plate Renewals for Leased Vehicles
			TOTAL BATCH #1	\$54,182.37	Checks Written End of August 2015
BATCH #2					
CHECK #	PO#	DATE	PAYEE	AMOUNT	COMMENTS
ACH		9/2/15	Village of Richfield	\$2,046.14	Monthly Payroll
EFTPS		9/2/15	Federal Income Tax Payment	\$555.57	FICA Tax
9538		9/2/15	UW Extension	\$40.00	Plan Commission Training
9539		9/8/15	Road Bond Refund	\$2,000.00	370 Preserve Way
9540		9/8/15	Piggly Wiggly	\$16.93	Office Supplies
9541		9/8/15	Park Rental Refund	\$50.00	Nature Park Shelter Rental Reim. 9/5/2015
9542		9/8/15	Neu's Building Center Inc.	\$52.72	Hwy and Park Supplies and Expenses
9543		9/8/15	FP Mailing Solutions	\$117.00	Postage Machine Maintenance and Ink
9544		9/8/15	Multi-Flo Aeration Equipment	\$275.00	Annual Service Contract
9545		9/8/15	Office Copying Equipment LTD	\$221.87	Maintenance Contract and Supplies
9546		9/8/15	Equal Rights Division	\$120.00	August 2015 Work Permits
9547		9/8/15	WE Energies	\$2,196.73	Street Lighting Invoice
9548		9/8/15	Waste Management of Milwaukee	\$446.49	September Waste Management Contract
9549		9/8/15	Charter Communications	\$158.01	September Service Charges
9550		9/8/15	AT&T	\$188.05	July through August 19th Statement
9551		9/8/15	Five Star Fireworks Co.	\$6,500.00	Richfield Days Fireworks
ACH		9/9/15	Village of Richfield	\$16,357.40	Bi-Weekly Payroll
ACH		9/9/15	Wisconsin Department of Revenue	\$1,414.92	State Withholding Tax
EFTPS		9/9/15	Federal Income Tax Payment	\$5,921.94	FICA Tax
ACH		9/9/15	Wisconsin Deferred Compensation	\$250.00	457 Plan
9552		9/11/15	Conley Media LLC	\$126.42	Public Hearing Notices
9553		9/11/15	Associated Appraisal Consultants	\$3,958.33	Professional Service Contract
9554		9/11/15	Kunkel Engineering Group	\$5,186.50	Hwy Improvement Engineering
9555		9/11/15	Menards	\$271.84	DPW Supplies and Expenses
9556		9/11/15	Milwaukee Sporting Goods	\$305.00	Control Console Support
9557		9/11/15	GAI Consultants	\$3,967.95	MS4 Permit and General Engineering Work
9558		9/11/15	John P. Lochen Co., Inc.	\$53.35	Toro Mower Temp Sender Switch
9559		9/11/15	Reinders Brothers, Inc.	\$99.07	General DPW Supplies
9560		9/11/15	Wissota Sand and Gravel, Co.	\$642.94	Culverts Tons of 3/4" Traffic Bond
			TOTAL BATCH #2	\$53,540.17	Checks Written Beginning of September 2015

VILLAGE OF RICHFIELD
VOUCHERS FOR PAYMENT
SEPTEMBER 2015

****BATCH #3**

CHECK #	PO#	DATE	PAYEE	AMOUNT	COMMENTS
	10609		Arenz, Molter, Macy, Riffle & Larson, S.C.	\$15,834.93	Attorney Fee's for mid-July through mid-August
			Badger State Logistics	\$372.12	Toilet paper and towels
			Bonnie Quaegeber	\$534.00	August Janitorial Services
			Cintas Corporation	\$724.60	August Invoices
	29-78		Civi Tek Consulting	\$1,869.00	August Planning Fee's
	16517		Digital Edge	\$175.50	Building Inspector and Boat Launch Tickets
			Falls Auto Parts	\$784.44	Various Hwy Department and Park Supplies
	WIJAC1646		Fastenal Company	\$16.86	Duct Tape for Traffic Counters
			Hallman Lindsay Quality Paints	\$448.44	Richfield Days Paint and Soccer Striping
			Hopson Oil LLC	\$3,445.13	August Fuel Invoice
	232922		Kaestner Auto Electric	\$15.10	Gator Lense for Beacon
	1146164P		Lakeside International, LLC	\$307.18	Truck #12 Inner Air Brake Tank
	55115		Lange Enterprises, Inc.	\$132.35	Bark Lake Turning Signs
			Liesener Soils Inc.	\$999.75	Culvert Projects and Magic Mix
			TOTAL BATCH #3	\$25,659.40	Checks Still Needing Approval***

****BATCH #4**

CHECK #	PO#	DATE	PAYEE	AMOUNT	COMMENTS
	H69622		Mid-State Equipment	\$130.13	Exhaust Pipe and Freight
	40722		Montage Enterprises Inc.	\$189.00	Spinner Motor and Free Freight
	19781		OnTech Systems Inc.	\$130.35	Projector Cable Issues and Mileage
			Port A John	\$262.00	Restroom Service
	510810-08-15		Premium Waters Inc.	\$37.79	August Water Invoice
			Quill Corporation	\$85.96	Office Supplies and Expenses
			Richfield Volunteer Fire Company	\$38,635.32	September Contract Payment
	48698		Western Culvert and Supply Inc.	\$3,685.30	Hwy Department Supplies
			Wisconsin Department of Justice	\$84.00	August Criminal Background Checks
			Wolf Brother Inc.	\$137.00	Culvert Project Supplies and Expenses
			TOTAL BATCH #4	\$43,376.85	Checks Still Needing Approval***
			TOTAL	\$176,758.79	

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VILLAGE OF RICHFIELD
Treasurer's Report for August 31, 2015

BANK ACCOUNT BALANCES

	Interest Rate	Beginning Balance July 31, 2015	Interest Earned	Ending Balance August 31, 2015
Landmark Checking Account	0.25%	\$ 759,744.39	\$ 226.56	\$ 1,164,931.39
LGIP General Fund	0.13%	\$ 737,217.29	\$ 81.08	\$ 737,298.37
LGIP Fire Impact Fees	0.13%	\$ 218,801.38	\$ 24.44	\$ 224,393.82
LGIP Park Impact Fees	0.13%	\$ 87,306.22	\$ 9.74	\$ 89,385.96
LGIP Tax Account	0.13%	\$ 461.04	\$ 0.05	\$ 461.09
FNB Entrepreneur Plus Account	0.05%	\$ 2,711.75	\$ 0.12	\$ 2,711.87
FNB Platinum MMD Account	0.15%	\$ 257,490.69	\$ 32.80	\$ 257,523.49
Bank Mutual MM Account	0.33%	\$ 251,189.36	\$ 81.41	\$ 251,270.77

CERTIFICATES OF DEPOSIT

	Purchase Date	Expiration Date	Interest Rates	Amount
First National Bank	October 31, 2014	October 31, 2015	0.35%	\$ 251,097.47
Bank Mutual	March 3, 2015	October 3, 2016	1.05%	\$ 252,246.62

**** All CD's are fully FDIC insured****

LETTERS OF CREDIT/PERFORMANCE BONDS/DEVELOPER GUARANTEES

	Purchase Date	Expiration Date	Amount
Reflections Richfield Investments LLC	March 11, 2014	March 16, 2016	\$ 712,650.00
Reflections Richfield Investments LLC	March 11, 2014	March 16, 2016	\$ 150,000.00
D&S Weyer No. II, LLC	June 23, 2015	August 31, 2016	\$ 299,000.00

PERMIT PERFORMANCE BOND

	Held Since	Expiration Date	Amount
T-Mobile Central LLC Wireless Communication Tower	March 11, 2014	N/A	\$ 25,000.00

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Will be presented at meeting

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September 17, 2015 Meeting

New Operator Licenses

Name	Place of Employment	Course or valid license	Recommendation
Laura Cadrette	Uncle Johnny's	Course	Approved
Thomas Watry	Daniel Boone Conservation League	Course	Approved

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Picnic Licenses

P15-	Name	Name of Organizer	Address	City	State	Zip	Type of Event	Date(s)	Type of license
	7 Goetz St. Louis American Legion	Gilbert Schmitt	3590 N. Shore Drive	Hubertus	WI	53033	Fund Raiser Golf Outing	September 26, 2015	Class "B" Beer

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VILLAGE OF RICHFIELD
VILLAGE BOARD COMMUNICATION FORM

MEETING DATE: September 17, 2015

SUBJECT: Scheduled Amendment to Section 70.213 of the Village Code, Floodplain District
DATE SUBMITTED: September 10, 2015
SUBMITTED BY: Jim Healy, Village Administrator

POLICY QUESTION: DOES THE VILLAGE BOARD WISH TO ACCEPT THE RECOMMENDATION OF THE PLAN COMMISSION FOR THE WI-DNR RECOMMENDED CHANGES TO THE FLOODPLAIN DISTRICT BASED ON THE NEWLY ADOPTED FEMA FLOOD INSURANCE RATE MAPS (FIRMS) AND AMEND SECTION 70.213 BY WAY OF ORDINANCE 2015-09-01?

ISSUE SUMMARY:

The National Flood Insurance Program (NFIP) was established with the passage of the National Flood Insurance Rate Act of 1968. The NFIP is a Federal program enabling property owners in participating communities to purchase insurance as a protection against flood losses in exchange for State and community floodplain management regulations that reduce future flood damages. Nationwide over 21,000 communities participate in this program. As a participating community in the NFIP, Richfield is responsible for making sure that its floodplain management regulations *meet or exceed* the minimum requirements of the NFIP. By law, the Federal Emergency Management Agency (FEMA) cannot offer flood insurance in communities that do not have regulations that meet or exceed these minimum requirements.

The identification of flood hazards serves many important purposes. Identifying flood hazards creates an awareness of the hazard, especially for those who live and work in flood prone areas. The FIRM and Flood Insurance Study (FIS) report provides States and communities with the information needed to regulate appropriate land use planning by reducing flood risk to floodplain development and by implementing other health and safety requirements through codes and regulations. Each time FEMA provides a community with additional flood hazard data, the municipality must adopt new floodplain management regulations or amend existing regulations to incorporate the new data and meet any additional requirements that result from any changes in the data.

In 2013, the Village was presented with the "preliminary" Floodplain Maps as produced by FEMA and the WI-DNR. In an effort to notify property owners of this change and the brief window of opportunity residents had to formally object to their change in designation, the Village mailed approximately 400 property owners. FEMA and the WI-DNR placed their notification in the classified sections of both the *Federal Register* and the *Milwaukee Journal Sentinel* during the month of April. The letter notified residents where they could find the FEMA/WI-DNR maps online, when the 'public comment' period ended for citizen input and how they could obtain or view copies of the map at Village Hall if they were unable to do so online.

Should the Village not adopt these new regulations and FEMA/WI-DNR mandated maps by October 16, 2015 and have it certified by the DNR the following will occur:

- The Village of Richfield will be suspended from participating in the National Flood Insurance Program (NFIP).
- Property owners will not be able to purchase NFIP flood insurance policies and existing policies will not be renewed by holders.
- Federal grants or loans for development will not be available in identified flood hazard areas under programs administrated by Federal agencies such as the Department of Housing and Urban Development (HUD), the Environmental Protection Agency (EPA), and the Small Business Administration (SBA).
- Federal mortgage insurance or loan guarantees will not be provided in identified flood hazard areas such as



VILLAGE OF RICHFIELD
VILLAGE BOARD COMMUNICATION FORM

MEETING DATE: September 17, 2015

SUBJECT: Scheduled Amendment to Section 70.213 of the Village Code, Floodplain District
DATE SUBMITTED: September 10, 2015
SUBMITTED BY: Jim Healy, Village Administrator

those written by the Federal Housing Administration (FHA) and the Department of Veteran Affairs (DVA).

- Federally insured or regulated lending institutions, such as banks and credit unions, are allowed to make conventional loans for insurable buildings in flood hazard areas of non-participating communities. However, the lender must notify applicants that the property is in a flood hazard area and that the property is not eligible for federal disaster assistance. Some lenders may also voluntarily choose not to make these types of loans.

Due to the Village's proactive approach to notifying its residents regarding this change, the WI-DNR utilized FEMA grant money to analyze the effects by modeling seven (7) different scenarios as potential ways to reduce the floodplain contours on the south side of Friess Lake. It has been included for your convenience. From speaking with Staff members at the DNR and our Village Engineer, the residents on the south side of Friess Lake stand to be impacted the most because of the new maps. FEMA and the WI-DNR have placed the majority of properties on the south side in the 'Floodway' which is the most restrictive of the floodplain designations. It is the understanding of Staff that similar discussions regarding the potential for mapping amendments are happening on Druid Lake as well.

In an effort to help increase the awareness of these new mandated requirements by both FEMA and the WI-DNR, Staff has been in frequent communication with the presidents of both the Friess Lake Advancement Association and the Bark Lake Association. This summer Staff also attended multiple general membership meetings to help answer questions and provide information to our residents regarding these changes. Amy Belle Lake and Lake Five also effected, but not to any material degree. While these maps are scheduled to go into effect on October 16, 2015, Staff still believes there is a possibility for property owner relief in the future. The residents of Druid Lake have hired Attorney Don Gallo to represent their interests and advocate on their behalf to the WI-DNR. We have been in close communication with Mr. Gallo to determine their course of action and learn if the Village can have any 'takeaways' from their success or failure towards this endeavor.

A Public Hearing was held on September 3, 2015 at the Plan Commission Meeting. The Class II Public Hearing notice was published in the West Bend Daily News during the month of August, on August 20th and 27th, respectively. At the conclusion of the Public Hearing, a favorable recommendation was made to the Village Board:

Motion by Vice-Chairman Berghammer to recommend to the Village Board the adoption of Ordinance O2015-09-01, an Ordinance to amend Section 70.213 of the Village Code; seconded by Commissioner Lalk; Motion passed without objection.

FISCAL IMPACT:

REVIEWED BY:

Karyn Smith
Village Deputy Treasurer

Initial Project Costs:

Future Ongoing Costs: None

Physical Impact (on people/space): Floodplain Development Restrictions

Residual or Support/Overhead/Fringe Costs: Administrative

ATTACHMENTS:

- 1. Informational packet provided by FEMA
2. Ordinance 2015-09-01, an Ordinance to amend Section 70.213 of the Village Code
3. Floodplain Analysis prepared by Christopher Olds, Wisconsin DNR



VILLAGE OF RICHFIELD
VILLAGE BOARD COMMUNICATION FORM

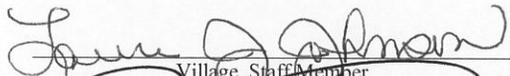
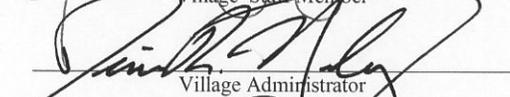
MEETING DATE: September 17, 2015

SUBJECT: Scheduled Amendment to Section 70.213 of the Village Code, Floodplain District
DATE SUBMITTED: September 10, 2015
SUBMITTED BY: Jim Healy, Village Administrator

STAFF RECOMMENDATION:

Motion to approve Ordinance O2015-09-01, an Ordinance to amend Section 70.213 of the Village Zoning Code, entitled "Floodplain District".

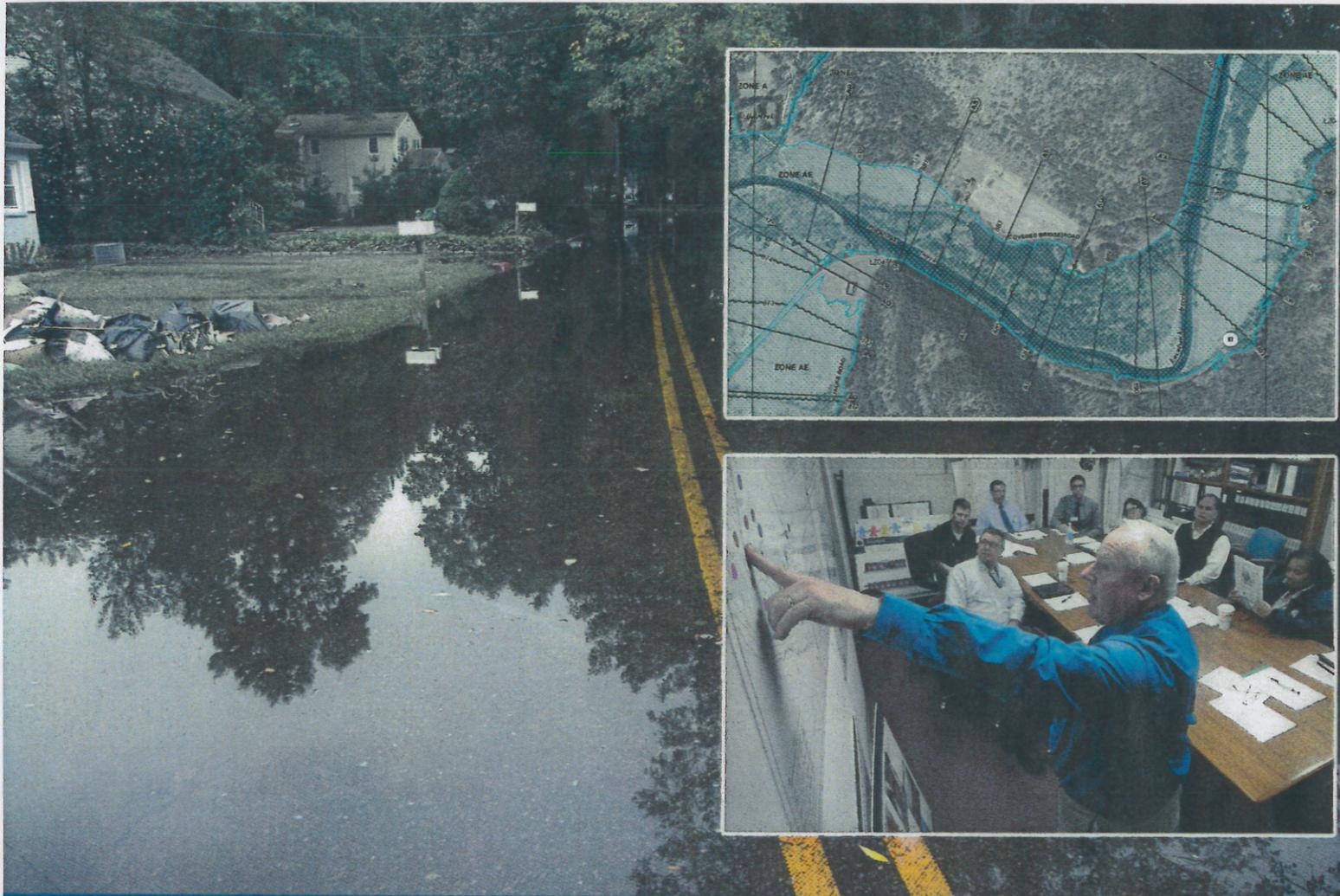
APPROVED FOR SUBMITTAL BY:


Village Staff Member

Village Administrator

VILLAGE CLERK USE ONLY
BOARD ACTION TAKEN

Resolution No. _____
Ordinance No. _____
Approved _____
Other _____

Continued To: _____
Referred To: _____
Denied _____
File No. _____



Adoption of Flood Insurance Rate Maps by Participating Communities

FEMA 495 / September 2012



FEMA

Adoption of Flood Insurance Rate Maps by Participating Communities

The National Flood Insurance Program (NFIP) was established with the passage of the National Flood Insurance Act of 1968. The NFIP is a Federal program enabling property owners in participating communities to purchase insurance as a protection against flood losses in exchange for State and community floodplain management regulations that reduce future flood damages. Over 21,000 communities participate in the Program.

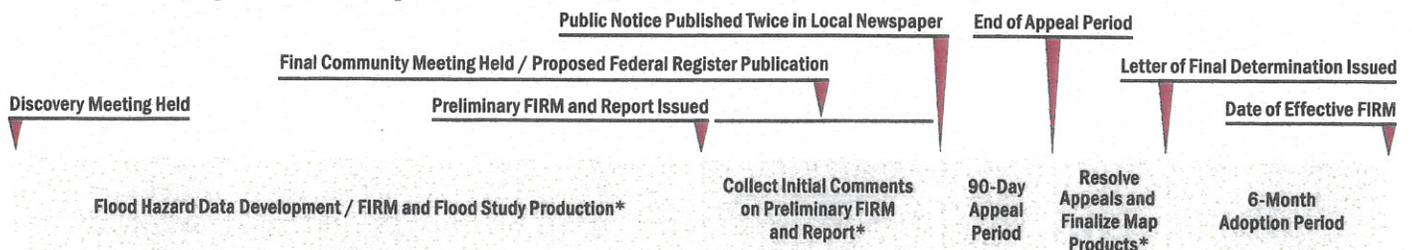
This brochure addresses several questions about community adoption of the Flood Insurance Rate Map (FIRM). As a participating community in the NFIP, your community is responsible for making sure that its floodplain management regulations meet or exceed the minimum requirements of the NFIP. By law, the Department of Homeland Security's Federal Emergency Management Agency (FEMA) cannot offer flood insurance in communities that do not have regulations that meet or exceed these minimum requirements. These regulations can be found in **Title 44 of the Code of Federal Regulations (44 CFR) Section 60.3**. You can also find them in model ordinances developed by most States and by FEMA Regional Offices.

The basis of your community's floodplain management regulations is the flood hazard data provided to the community by FEMA. FEMA identifies flood hazards nationwide and publishes and periodically updates flood hazard data in support of the NFIP. Flood hazard data is provided to communities in the form of a FIRM and Flood Insurance Study (FIS) report, typically prepared in a countywide format. Please be aware that while an FIS report accompanies most FIRMs, it is not created for all flood studies.

The identification of flood hazards serves many important purposes. Identifying flood hazards creates an awareness of the hazard, especially for those who live and work in floodprone areas. The FIRM and FIS report provide States and communities with the information needed for land use planning and to reduce flood risk to floodplain development and implement other health and safety requirements through codes and regulations. States and communities can also use the information for emergency management.

Each time FEMA provides your community with additional flood hazard data, your community must adopt new floodplain management regulations or amend existing regulations to incorporate the new data and meet any additional requirements that result from any changes in the data, such as the designation of a regulatory floodway for the first time. Your floodplain management regulations must also meet any additional State requirements and be adopted through a process that complies with any procedural requirements established in your State for the adoption of ordinances or regulations.

Flood Study and Adoption Timeline



*The timeframe for completing these activities may vary.

What is the process for developing new flood hazard data or revising existing data?

FEMA coordinates closely with communities to develop new flood risk data or revise existing data during the flood study process. This coordination may lead to new or updated flood hazard mapping (i.e., the update of a community's FIRM and FIS report), flood risk assessment projects, and/or mitigation planning assistance. In general, the process includes the following activities:

- Under FEMA's Risk MAP program, FEMA engages in a Discovery process with communities and other local stakeholders to obtain a comprehensive picture of flooding issues, flood risk, and the potential for the performance of additional flood mitigation activities, including the adoption of more restrictive floodplain management criteria by communities. Stakeholders may include, but are not limited to, local officials, citizen associations, representatives of levee boards, conservation districts, Tribal Nations, and economic development organizations. Information obtained during the Discovery meeting helps determine whether a flood risk assessment project, including new or updated flood hazard data and a corresponding FIRM and FIS report, is needed.
- Once it is determined that the creation or revision of flood hazard data, including an update to the FIRM and FIS report, is needed, FEMA works with communities and other Discovery stakeholders to determine the parameters of the project, including flooding sources and the type and extent (number of stream or coastline miles) of the study.
- The mapping process typically includes development of Base Flood Elevations (BFEs) and floodways for the project area. In addition, the mapping process includes activities such as obtaining the digital base map, developing the FIRM flood hazard database and, when appropriate, incorporating or revalidating previously issued Letters of Map Change, or LOMCs. LOMCs, which include Letters of Map Revision (LOMRs), Letters of Map Revision Based on Fill and Letters of Map Amendment, serve to officially revise the effective FIRM and FIS report without requiring the physical revision and republication of these materials.
- When the study is completed, FEMA provides the community with a preliminary FIRM and FIS report for review. In addition, FEMA may hold public meetings—often referred to as the Final Meeting and Open House—to explain and obtain comments on the preliminary FIRM and FIS report.
- FEMA provides a 90-day appeal period for all new or modified flood hazard information shown on a FIRM, including additions or modifications of any BFEs, base flood depths, Special Flood Hazard Area (SFHA) boundaries or zone designations, or regulatory floodways. SFHAs are areas subject to inundation by the base (1-percent-annual-chance) flood and include the following flood zones: A, AO, AH, A1-A30, AE, A99, AR, AR/A1-A30, AR/AE, AR/AO, AR/AH, AR/A, VO, V1-V30, VE, and V. The regulatory floodway is the channel of a river or other watercourse and the adjacent land areas that must be reserved in order to discharge the base flood without cumulatively increasing the water surface elevation more than a designated height. Before the appeal period is initiated, FEMA will publish a notice of proposed flood hazard determinations in the Federal Register and notify the community's Chief Executive Officer of the determination. FEMA will then publish information about the flood hazard determinations at least twice in a local newspaper. The appeal period provides the community and owners or lessees of property in the community an opportunity to submit scientific or technical information if they believe the flood hazard determinations are scientifically or technically incorrect.
- Following the 90-day appeal period, FEMA resolves all appeals and finalizes all changes to the FIRM and FIS report.
- FEMA then issues a Letter of Final Determination (LFD), which establishes the final flood hazard data and the effective date of the new FIRM and FIS report for the community. The LFD also initiates the six-month adoption period during which the community must adopt or amend its floodplain management regulations to reference the new FIRM and FIS report.
- The FIRM and FIS report become effective at the end of the six-month period. The effective date is also the date when flood insurance rates will be based on the new flood data for new construction built after this date. The effective FIRM will be used by Federally insured or regulated lenders to determine if flood insurance is required as a condition of a loan.

FEMA has entered into agreements with nearly 250 communities, States, and regional agencies to be active partners in FEMA's flood hazard mapping program under the Cooperating Technical Partners (CTP) Program. These agencies are participating with FEMA in developing and updating FIRMs. (See the box on the inside of the back cover page for a brief description of the CTP program.)



FIRM

What must an NFIP participating community do when FEMA provides new or revised flood hazard data?

Each time FEMA provides a community with new or revised flood hazard data, the community must either adopt new floodplain management regulations, or amend its existing regulations to reference the new FIRM and FIS report. In some cases, communities may have to adopt additional floodplain management requirements if a new type of flood hazard data is provided, such as a new flood zone (e.g., going from a Zone A without BFEs to a Zone AE with BFEs or going from a Zone AE to a Zone VE – the coastal high hazard area), or with the addition of a regulatory floodway designation.

The following guide is to help you determine whether changes need to be made in your community's floodplain management regulations when a new or revised FIRM and FIS report are provided:

- If the community's floodplain management regulations are compliant with the NFIP requirements when the LFD is issued, the community needs to amend only the map reference section of their floodplain management regulations to identify the new FIRM and FIS report.
- If the community has a legally valid automatic adoption clause established in the map reference section of the regulations and the community's regulations are otherwise compliant with the NFIP requirements, then the floodplain management

regulations do not need to be amended. Automatic adoption clauses adopt all future revisions to the FIRM without further action by the community. However, keep in mind that the FIRM and FIS report update process outlined above still applies for communities with automatic adoption clauses. Automatic adoption clauses are not permitted in many States.

- If the community is provided a new type of flood hazard data, the community will need to either adopt new regulations or amend existing regulations to include the appropriate NFIP requirements, in addition to referencing the new FIRM and FIS report.

The LFD indicates the sections of the NFIP floodplain management requirements at 44 CFR Section 60.3 that a community must adopt based on the type of flood hazard data provided to the community.

You can contact the FEMA Regional Office or your State NFIP Coordinating Agency for assistance on the specific requirements your community will need to adopt. (See "For Assistance" on the back cover page for contact information.)

If your community has adopted higher standards than the minimum requirements of the NFIP, your community may qualify for a reduction in flood insurance premiums for your citizens under the Community Rating System (CRS). (See the box on the inside of the back cover for a brief description of the CRS.)



Janesville, Wisconsin, 2008

When must a community adopt the new or revised flood hazard data?

Your community must amend its existing floodplain management regulations or adopt new regulations before the effective date of the FIRM and FIS report, which is identified in the LFD. The LFD initiates the six-month adoption period.

Communities are encouraged to adopt the appropriate floodplain management regulations as soon as possible after the LFD is issued. The adopted regulations must be submitted to FEMA or the State and be approved by FEMA before the effective date of the FIRM and FIS report.

FEMA will send two letters notifying the community that it must have approved floodplain management regulations in place before the effective date of the FIRM. The first letter is a reminder letter and is sent to the community 90 days before the effective date. The second letter is sent to the community 30 days before the effective date of the FIRM. This letter is FEMA's final notification that the community will be suspended from the NFIP if it does not adopt the FIRM before the effective date. Notice of the suspension is also published in the *Federal Register*.

If the community adopts or amends its floodplain management regulations prior to the effective date of the FIRM and FIS report and the FEMA Regional Office approves the community's regulations, the suspension will not go into effect and the community will remain eligible for participation in the NFIP.

What happens if a community does not adopt the appropriate floodplain management regulations during the six-month adoption period?

If a community does not adopt new floodplain management regulations or amend its existing regulations before the effective date of the FIRM and FIS report, the community will be suspended from the NFIP.

The following sanctions apply if a community is suspended from the NFIP:

- Property owners will not be able to purchase NFIP flood insurance policies and existing policies will not be renewed.
- Federal grants or loans for development will not be available in identified flood hazard areas under programs administered by Federal agencies such as the Department of Housing and Urban Development, the Environmental Protection Agency, and the Small Business Administration.
- Federal disaster assistance will not be provided to repair insurable buildings located in identified flood hazard areas for damage caused by a flood.
- Federal mortgage insurance or loan guarantees will not be provided in identified flood hazard areas such as those written by the Federal Housing Administration and the Department of Veteran Affairs.
- Federally insured or regulated lending institutions, such as banks and credit unions, are allowed to



Elevated home on pile foundation



Elevated home on crawl space foundation

make conventional loans for insurable buildings in flood hazard areas of non-participating communities. However, the lender must notify applicants that the property is in a flood hazard area and that the property is not eligible for Federal disaster assistance. Some lenders may voluntarily choose not to make these loans.

If a community is suspended, it may regain its eligibility in the NFIP by enacting the floodplain management measures established in 44 CFR Section 60.3 of the NFIP regulations. If development takes place in your community during suspension that does not meet the minimum NFIP requirements, your community will be asked to take actions to reduce the increased flood hazard prior to reinstatement.

Digital Flood Hazard Information Resources

In accordance with the Flood Insurance Reform Act of 2004, FEMA has implemented a policy that allows the use of digital data for official NFIP purposes. All FEMA's flood mapping products are now prepared digitally, and a number of different digital options are available to view the flood hazard information shown on community FIRMs. All digital flood hazard resources referenced below can be accessed through FEMA's Map Service Center (MSC) at <http://msc.fema.gov>.

- Once effective, copies of the FIRM panels in digital format will be provided to your community and will also be available through the MSC. Note that Letters of Map Change (LOMCs) are also available through the MSC in .pdf format.
- FIRMettes show a desired section of a FIRM panel specified by a user, plus map scale, and other legend information from the FIRM. FIRMettes can be created online through the MSC, and printed or saved in .pdf format at no cost.
- The FIRM database is designed for use with specialized Geographic Information System (GIS) software. Users are able to integrate local data sets with the FEMA flood hazard data in the FIRM database to assist with floodplain management or mitigation planning measures. The FIRM

database is provided to your community once the FIRM becomes effective and is also available for download through the MSC.

- The National Flood Hazard Layer (NFHL) contains all effective digital flood hazard information from FIRM databases and LOMRs produced by FEMA in one integrated nationwide dataset. It also contains point locations of other LOMCs, such as Letters of Map Revision Based on Fill and Letters of Map Amendment. The NFHL is available for viewing through FEMA's online map viewer which can be accessed through the MSC. The NFHL can also be viewed as a layer in Google Earth or accessed via Web Map Service (WMS), a web-based method of viewing map information using commercial GIS software, such as ESRI's ArcGIS. Additional information on these services is available through the MSC.

Note for communities that do not yet have digitally produced FIRMs: scanned digital versions of the paper FIRM panels are available through the MSC. However, since the FIRMs were not produced digitally, a FIRM database will not be available and the flood hazard information shown on the FIRMs will not be included in the NFHL.

Becoming a Cooperating Technical Partner



FEMA established the Cooperating Technical Partner (CTP) program to increase local involvement in, and

ownership of, the flood study process and the flood hazard data developed as part of that process. This program enables communities, and regional and State agencies that have the interest, capabilities, and resources to be active partners in FEMA's flood hazard mapping program.

One of the major objectives of the CTP program is to recognize States, regional agencies, and communities with proactive floodplain management programs that include identifying the flood risk and getting the information incorporated into official FEMA flood hazard data. The CTP Program maintains national standards consistent with the NFIP Regulations. The following are some of the benefits of being a CTP.

- CTPs are given an opportunity to develop more detailed maps by making local geospatial data a part of the FIRM

- CTPs receive support such as access to existing data, access to custom-made FEMA tools, technical assistance, and national recognition
- CTPs receive mentoring support, online examples of "best practices," and free training
- Communities that participate in the Community Rating System (CRS) that also become CTPs or are in an area covered by a regional or State CTP may be eligible to receive CRS credit for CTP activities

Another major objective and benefit of the CTP Program is the ability to leverage available funding and local data to make the most of limited resources. Communities, States, and regional agencies can take advantage of these benefits by entering into an agreement with FEMA that formalizes the types of mapping activities and support the CTP will provide. Nearly 250 communities, States, and regional agencies are currently participating in the CTP Program.

To learn more about becoming a CTP, visit www.fema.gov/plan/prevent/fhm/ctp_main.shtm or contact your FEMA regional office (see back page for contact information)

Becoming an NFIP Community Rating System Community



The NFIP Community Rating System (CRS) recognizes community floodplain management practices that exceed the minimum requirements of the NFIP. CRS recognizes these efforts by

reducing the cost of flood insurance premiums from 5 percent to 45 percent for flood insurance policies in communities that participate in the CRS.

Many communities may already be doing activities that would earn credit under the CRS which would reduce flood insurance premiums for their citizens. Here are a few examples:

- Adopting and enforcing more protective building standards that result in safer new construction
- Informing the public about flood hazards and flood insurance and how to reduce flood damage
- Preserving open space in the floodplain

To receive CRS credit, a community must submit a CRS application to FEMA which identifies floodplain management practices being implemented by the community. FEMA can help with the application. After FEMA reviews and verifies the application, the flood insurance premium discounts will go into effect. The amount of flood insurance policy premium discount depends on the number of CRS-credited activities a community performs.

Community participation in the CRS has many benefits:

- Discounts for flood insurance premiums from 5 percent to 45 percent
- Enhanced public safety
- Reduced flood damage
- Increased environmental protection
- Informed community residents supporting improved flood protection measures that will make communities safer from flood risks.

To learn more about CRS, visit www.fema.gov/business/nfip/crs.shtm or call 317-848-2898

For Assistance

If your community needs assistance in adopting the FIRM, you may contact the FEMA Regional Offices listed below. You may also contact your State Coordinating Agency for the NFIP.

Additional information is available at www.fema.gov/rm-main/regional-contact-information.

REGION I

CT, ME, MA, NH, RI, VT
99 High Street, 6th Floor
Boston, MA 02110
617-956-7506

REGION II

NJ, NY, PR, VI
26 Federal Plaza, Suite 1337
New York, NY 10278-0002
212-680-3600

REGION III

DE, DC, MD, PA, VA, WV
615 Chestnut Street
1 Independence Mall, 6th Floor
Philadelphia, PA 19106-4404
215-931-5500

REGION IV

AL, FL, GA, KY, MS, NC, SC, TN
3003 Chamblee-Tucker Road
Atlanta, GA 30341
770-220-5200

REGION V

IL, IN, MI, MN, OH, WI
536 South Clark Street, 6th Floor
Chicago, IL 60605
312-408-5500

REGION VI

AR, LA, NM, OK, TX
Federal Regional Center
800 North Loop 288
Denton, TX 76209-3698
940-898-5399

REGION VII

IA, KS, MO, NE
9221 Ward Parkway, Suite 300
Kansas City, MO 64114-3372
816-283-7061

REGION VIII

CO, MT, ND, SD, UT, WY
Denver Federal Center, Building 710, Box 25267
Denver, CO 80225-0267
303-235-4800

REGION IX

AZ, CA, HI, NV, American Samoa, Guam,
Marshall Islands and Northern Mariana Islands
1111 Broadway, Suite 1200
Oakland, CA 94607
510-627-7100

REGION X

AK, ID, OR, WA
Federal Regional Center
130 228th Street SW
Bothell, WA 98021-8627
425-487-4600

ORDINANCE 2015-09-01
- Draft August 10, 2015 -

**AN ORDINANCE TO AMEND SECTION 70.213 OF THE VILLAGE
ZONING CODE, TITLED "FLOODPLAIN DISTRICT"**

WHEREAS, the Village of Richfield has adopted floodplain regulations in compliance with state and federal law; and

WHEREAS, the Federal Emergency Management Agency (FEMA) has adopted new flood insurance rate maps (FIRMs) for the Village of Richfield that will be effective on October 16, 2015; and

WHEREAS, the Village of Richfield must amend its floodplain regulations to incorporate the new FIRMs by the above-mentioned date and make other necessary changes to the text of the regulations; and

WHEREAS, by amending its regulations, the Village of Richfield will continue participating in the National Flood Insurance Program, a federal program that allows property owners in the Village to purchase flood insurance; and

WHEREAS, the amended regulations were drafted based on a model ordinance prepared by the Wisconsin Department of Natural Resources, with a date of January 1, 2012; and

WHEREAS, the Village Administrator sent a copy of the proposed floodplain regulations to the Wisconsin Department of Natural Resources for review and approval; and

WHEREAS, the Plan Commission conducted a public hearing on September 3, 2015, to accept public input on the proposed amendments; and

NOW, THEREFORE, the Village Board of the Village of Richfield, Washington County Wisconsin DO HEREBY ORDAIN AS FOLLOWS:

Section 1. Subsection 70.213(E)(2) titled "Official Maps & Revisions" is repealed and recreated as follows:

70.213(E)(2) OFFICIAL MAPS & REVISIONS

The boundaries of all floodplain districts are designated as A, AE, AH, AO or A1-30 on the maps based on the Flood Insurance Study (FIS) listed below. Any change to the base flood elevations (BFE) or any changes to the boundaries of the floodplain or floodway in the FIS or on the Flood Insurance Rate Map (FIRM) must be reviewed and approved by the DNR and FEMA through the Letter of Map Change process (see s. 70.213(L) *Amendments*) before it is effective. No changes to RFEs on non-FEMA maps shall be effective until approved by the

DNR. These maps and revisions are on file in the office of the Planner, Village of Richfield. If more than one map or revision is referenced, the most restrictive information shall apply.

(a) OFFICIAL MAPS : Based on the FIS:

Approved by: The DNR and FEMA

1. Flood Insurance Rate Map (FIRM), panel number 550518, dated October 16, 2015; with corresponding profiles that are based on the Flood Insurance Study (FIS) dated October 16, 2015, 55131CV001BA, 55131CV002BA; and 55131CV003B.

55131C0241E;
55131C0242ED,
55131C0243E
55131C0244ED,
55131C0262D (not printed);
55131C0263ED,
55131C0264D,
55131C0266D,
55131C0268D,
55131C0331ED,
55131C0332ED,
55131C0333ED,
55131C0334ED,
55131C0351ED,
55131C0352ED,
55131C0353ED,
55131C0354ED,
55131C0356ED, and
55131C0358ED.

Approved by: The DNR and FEMA

(b) OFFICIAL MAPS: Based on other studies. Any maps referenced in this section must be approved by the DNR and be more restrictive than those based on the FIS at the site of the proposed development. *~~(The following are examples of other types of maps you may need to adopt.)~~*

1. 100-Year Dam Failure Floodplain Map: none, dated ~~(fill in map date)~~;

~~prepared by (fill in contractor.) Approved by: The DNR~~

2. ~~Letter of Map Revision (ease number and date).~~
3. Flood Storage Maps: Panel Numbers 5, 6, 7, and 8, dated April 16, 2015, as approved by the Wisconsin Department of Natural Resources

Section 2. Subsection 70.213(E)(3) titled “Establishment of Floodplain Zoning Districts” is repealed and recreated as follows:

70.213(E)(3) ESTABLISHMENT OF FLOODPLAIN ZONING DISTRICTS

The regional floodplain areas are divided into ~~three~~four districts as follows:

- (a) The Floodway District (FW), is the channel of a river or stream and those portions of the floodplain adjoining the channel required to carry the regional floodwaters and are contained within AE Zones as shown on the FIRM.
- (b) The Floodfringe District (FF) is that portion between the regional flood limits and the floodway and displayed as AE Zones on the FIRM.
- (c) The General Floodplain District (GFP) is those areas that may be covered by floodwater during the regional flood and does not have a BFE or floodway boundary determined, including A, AH and AO zones on the FIRM.
- (d) The Flood Storage District (FSD) is that area of the floodplain where storage of floodwaters is calculated to reduce the regional flood discharge.

Section 3. Section 70.213(I-B) titled “Establishment of Floodplain Zoning Districts” is created as follows:

70.213(I-B) FLOOD STORAGE DISTRICT

The flood storage district delineates that portion of the floodplain where storage of floodwaters has been taken into account and is relied upon to reduce the regional flood discharge. The district protects the flood storage areas and assures that any development in the storage areas will not decrease the effective flood storage capacity which would cause higher flood elevations.

70.213(I-B)(1) APPLICABILITY

The provisions of this section apply to all areas within the Flood Storage District (FSD), as shown on the official floodplain zoning maps.

70.213(I-B)(2) PERMITTED USES

Any use or development which occurs in a flood storage district must meet the applicable requirements in s. 70.213(H)(3).

70.213(I-B)(3) STANDARDS FOR DEVELOPMENT IN FLOOD STORAGE DISTRICTS

- (a) Development in a flood storage district shall not cause an increase equal or greater than 0.00 of a foot in the height of the regional flood.
- (b) No development shall be allowed which removes flood storage volume unless an equal volume of storage as defined by the pre-development ground surface and the regional flood elevation shall be provided in the immediate area of the proposed development to compensate for the volume of storage which is lost, (compensatory storage). Excavation below the groundwater table is not considered to provide an equal volume of storage.
- (c) If compensatory storage cannot be provided, the area may not be developed unless the entire area zoned as flood storage district – on this waterway – is rezoned to the floodfringe district. This must include a revision to the floodplain study and map done for the waterway to revert to the higher regional flood discharge calculated without floodplain storage, as set forth in s. 70.213(L).
- (d) No area may be removed from the flood storage district unless it can be shown that the area has been filled to the flood protection elevation and is contiguous to other lands lying outside of the floodplain.

Section 4. Subsection 70.213(J)(4) titled “Flood Storage District” is created as follows:

70.213(J)(4) FLOOD STORAGE DISTRICT

No modifications or additions shall be allowed to any nonconforming structure in a flood storage area unless the standards outlined in s. 70.213(I-B)(3) are met.

Section 5. This ordinance shall become effective upon passage and posting but not sooner than October 15, 2015.

Section 6. Several sections of this ordinance are declared to be severable. If any section or portion thereof shall be declared by a court of competent jurisdiction to be invalid, unlawful, or unenforceable, such decision shall apply only to the specific section or portion thereof directly specified in the decision, and shall not affect the validity of any other provisions, sections, or portions thereof of the ordinance. The remainder of the ordinance shall remain in full force and effect. Any other ordinances whose terms are in conflict with the provisions of this ordinance are hereby repealed as to those terms that conflict.

Adopted this 17th day of September, 2015

John Jeffords, Village President

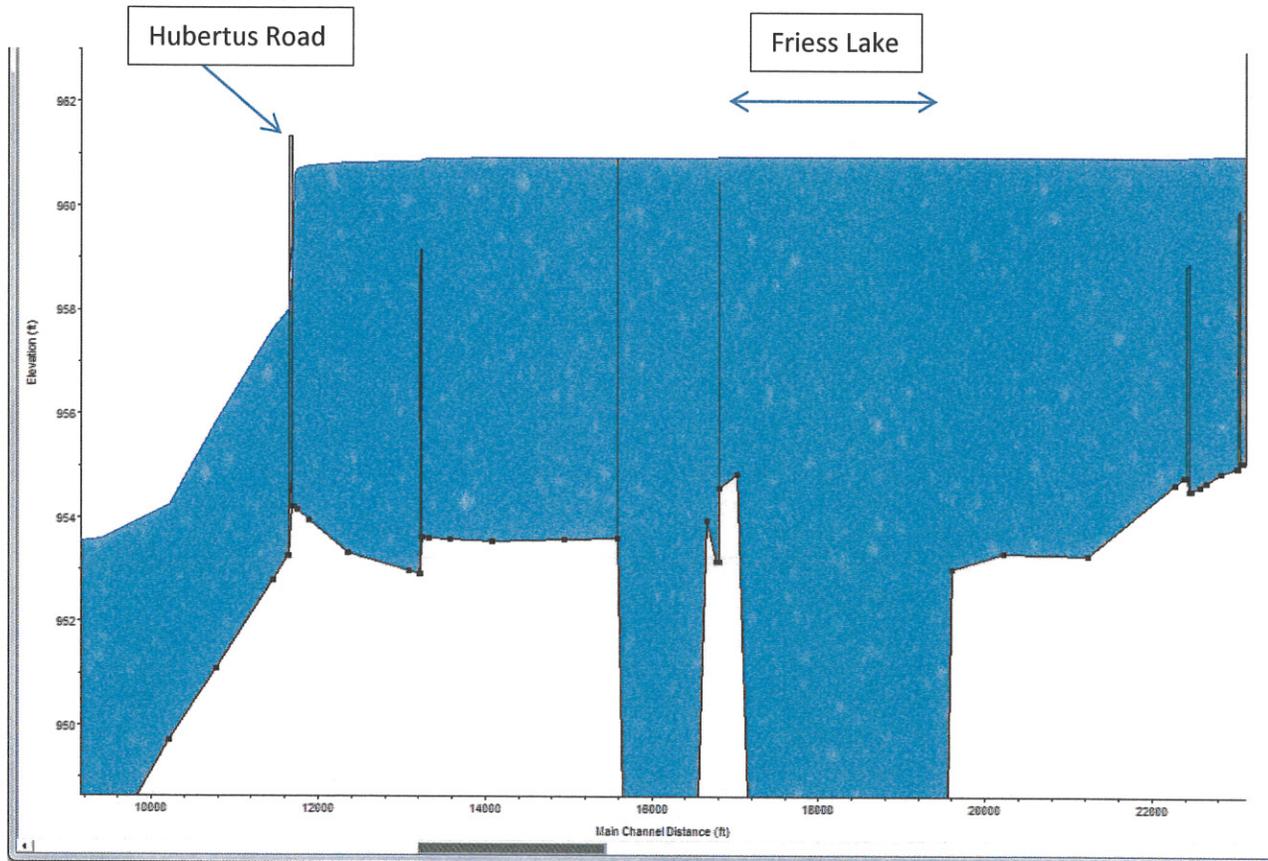
Attest:

Jim Healy, Administrator/Clerk

Friess Lake Alternatives Analysis

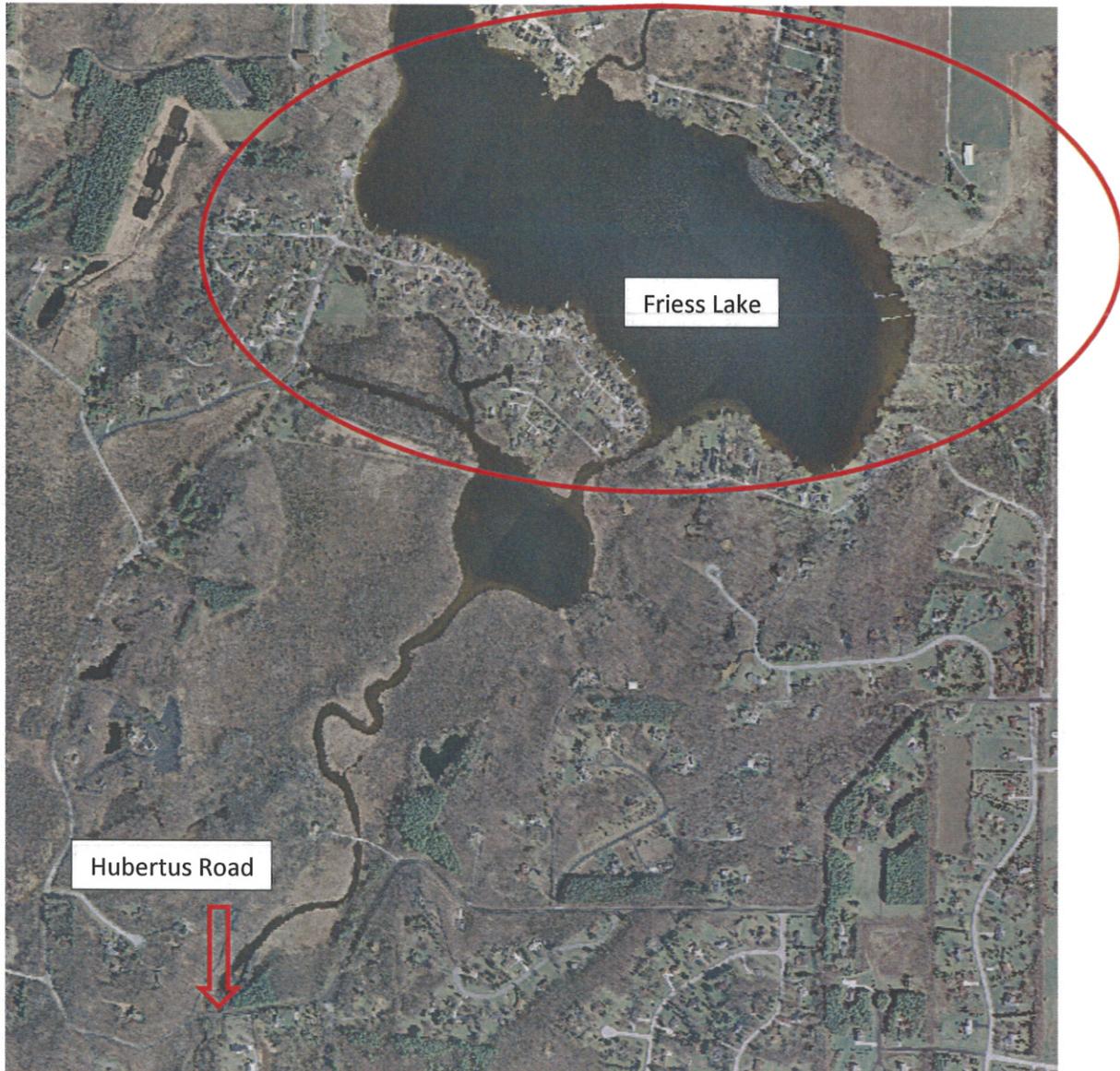
6-10-15 Chris Olds – WIDNR

In an effort to alter the flood elevation (960.93')* and/or floodway of Friess Lake in the Village of Richfield, Washington County, WI, many alternatives were explored using the hydraulic model on the Oconomowoc River set to go effective on 10/16/15. This model was evaluated and determined that the Hubertus Road (downstream of the lake) caused a significant increase which previously had an unknown effect on Friess Lake. As you can see below, the 100-year profile is relatively flat upstream of Hubertus Road all the way through Friess Lake:



*All elevations reported in this document are to the 1991 adjustment of NAVD88.

The image below shows the location of Hubertus Road in relation to Friess Lake:



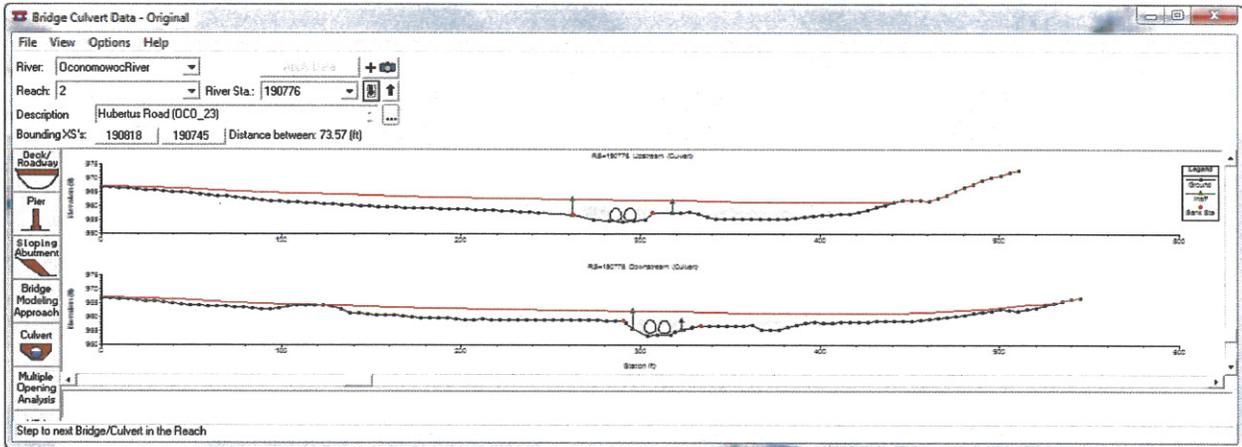
Each scenario has varying degrees of effect and they are individually explained below.

Scenario #1 – Add 3rd culvert to Hubertus Road in right overbank area

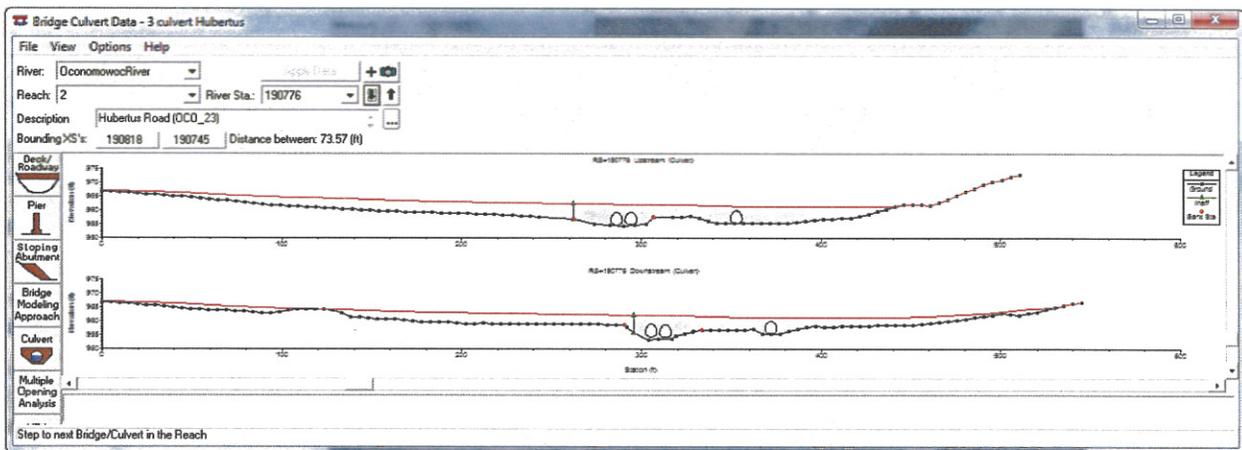
There is a natural low area about 80' west of the current 2 culverts. If a 3rd culvert was placed there, not only would that provide higher capacity through the road, it would also allow the floodway to be widened by a significant amount.



Existing geometry at Hubertus Road:



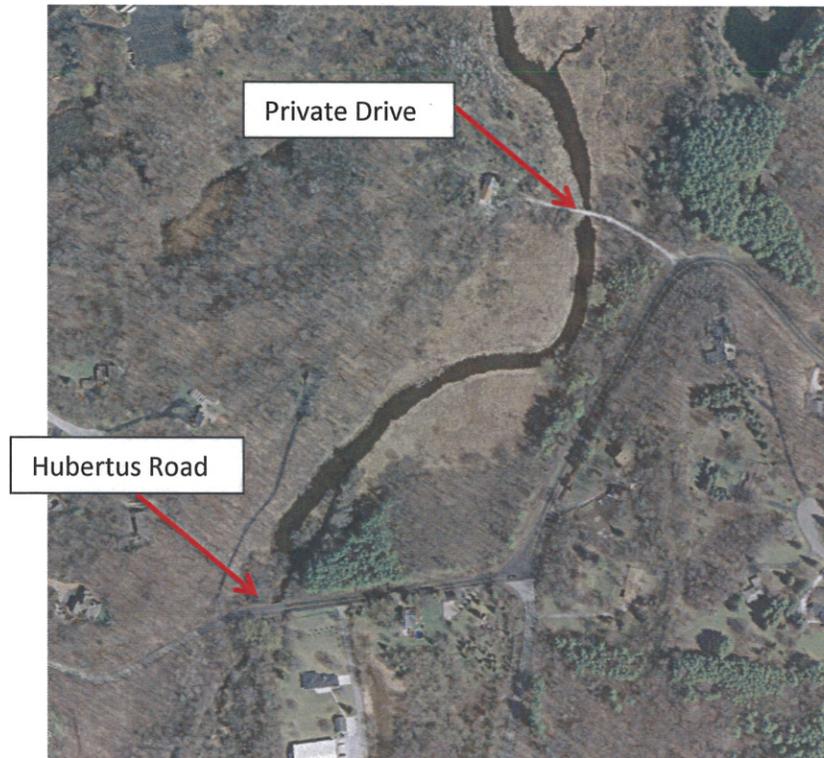
3rd culvert added:



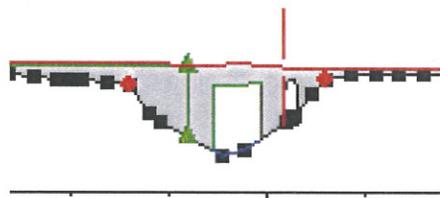
#1 result:

While this scenario does lower the elevation immediately upstream of Hubertus Road by 1.14', that impact is minimized by the time you go upstream to Friess Lake due to the hydraulics in the valley between the road and the lake. In this run, the Friess Lake flood elevation is lowered by 0.39' to 960.54'. It was noted that in this situation, the next bridge upstream, a private drive, now accounted for 0.8' increase across it instead of 0.0', which leads us to the next scenario.

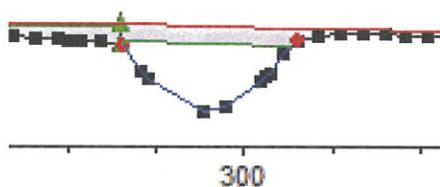
Scenario #2 – Add 3rd culvert to Hubertus Road in right overbank area AND converting private drive to 45' clear span bridge



Existing private drive geometry consists of a 10' wide bridge and a 3' circular culvert:



#2 scenario includes a 45' span geometry:

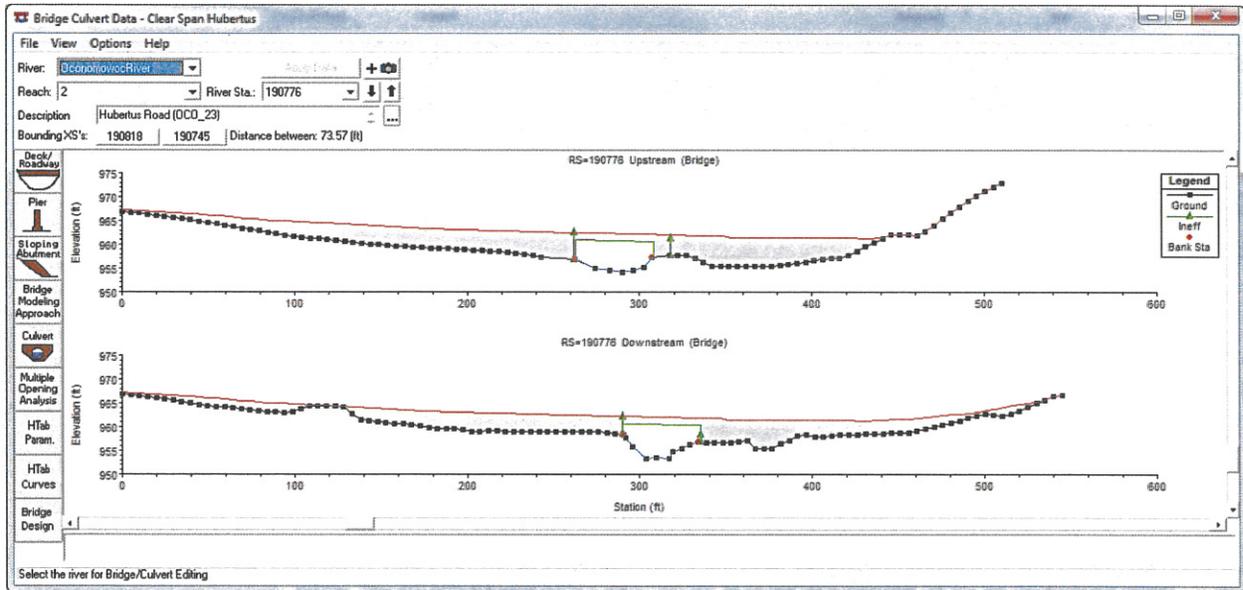


#2 result:

While this scenario decreases the amount of backwater behind the private drive another 0.34', it is still dampened out a small amount by the time it gets up to Friess Lake, lowering the lake BFE another 0.29' from scenario #1. This makes the Friess Lake BFE 960.25'.

Scenario #3 – Convert Hubertus Road double culverts to a 45' clear span bridge

This is similar to Scenario #1, but just putting a clear span bridge where the current double culverts are on Hubertus Road.

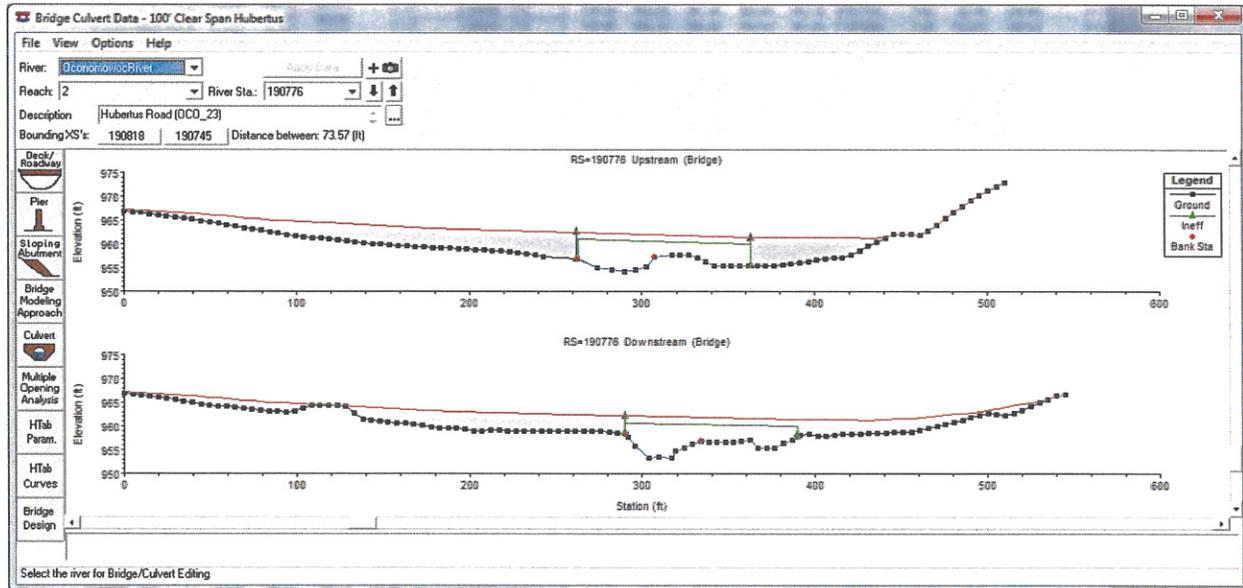


#3 result:

This lowers the elevation immediately upstream of Hubertus Road by 1.88' (as opposed to scenario #1's 1.14'), but the result on Friess Lake's elevations is essentially identical (within 0.02') of scenario #1.

Scenario #4 – Convert Hubertus Road double culverts to a 100' clear span bridge

Identical to Scenario #3, but 100' instead of 45'.



#4 result:

This lowers the elevation immediately upstream of Hubertus Road by 2.07' (as opposed to scenario #3's 1.88'), but the result on Friess Lake is only 0.04' lower than scenario #3.

Scenario #5 – Convert Hubertus Road double culverts to a 45’ clear span bridge AND Private Drive to 45’ clear span bridge

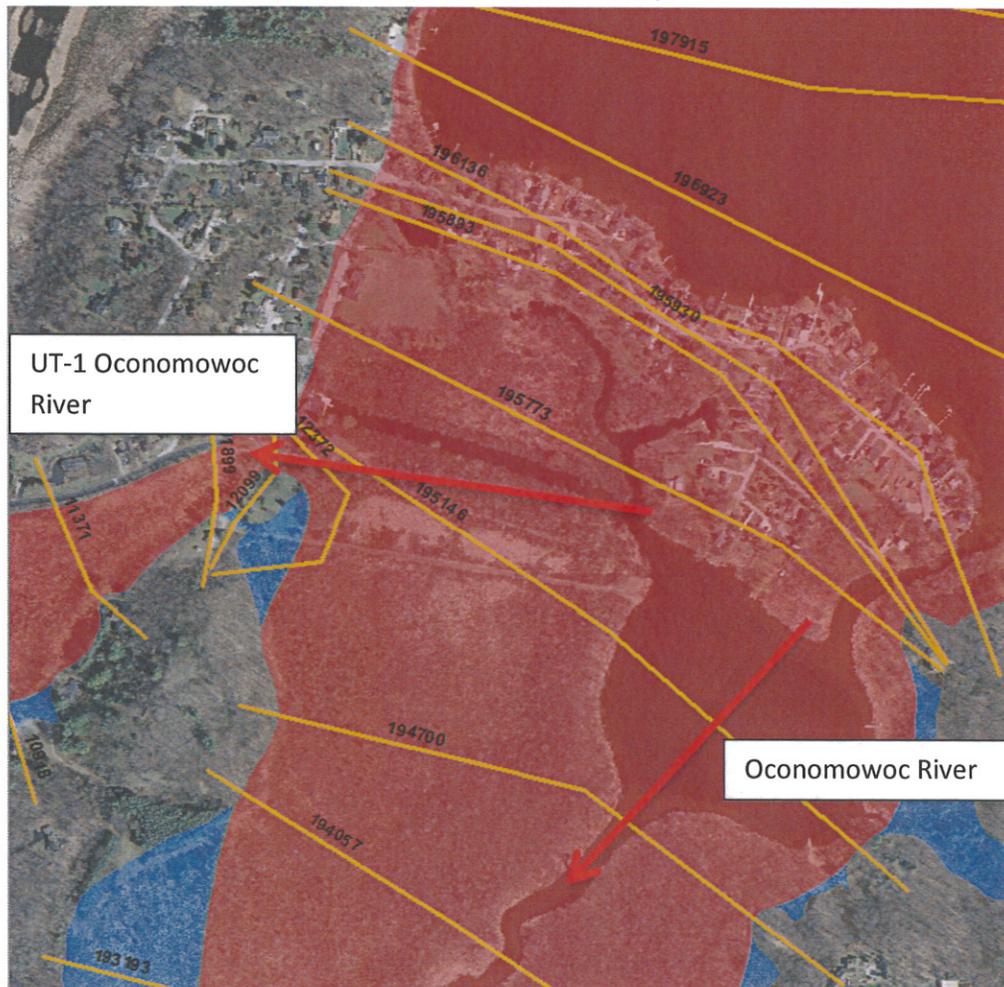
This scenario is similar to #'s 2 & 3. It uses the 45’ clear span bridge on the private drive from scenario 2 and the 45’ clear span bridge on Hubertus Road from scenario 3.

#5 result:

This lowers the elevation on Friess Lake to 960.14’, which is 0.11’ lower than scenario 2. The difference between #2 & #5 is a 45’ clear span on Hubertus instead of 3 culverts. They both have the 45’ clear span on the private drive.

Scenario #6 – Alter the diversion channel for UT-1 to Oconomowoc River

This tributary is just downstream of Friess Lake and the overflow location was evaluated in 2 different ways to allow more flood flows to be directed down the tributary.



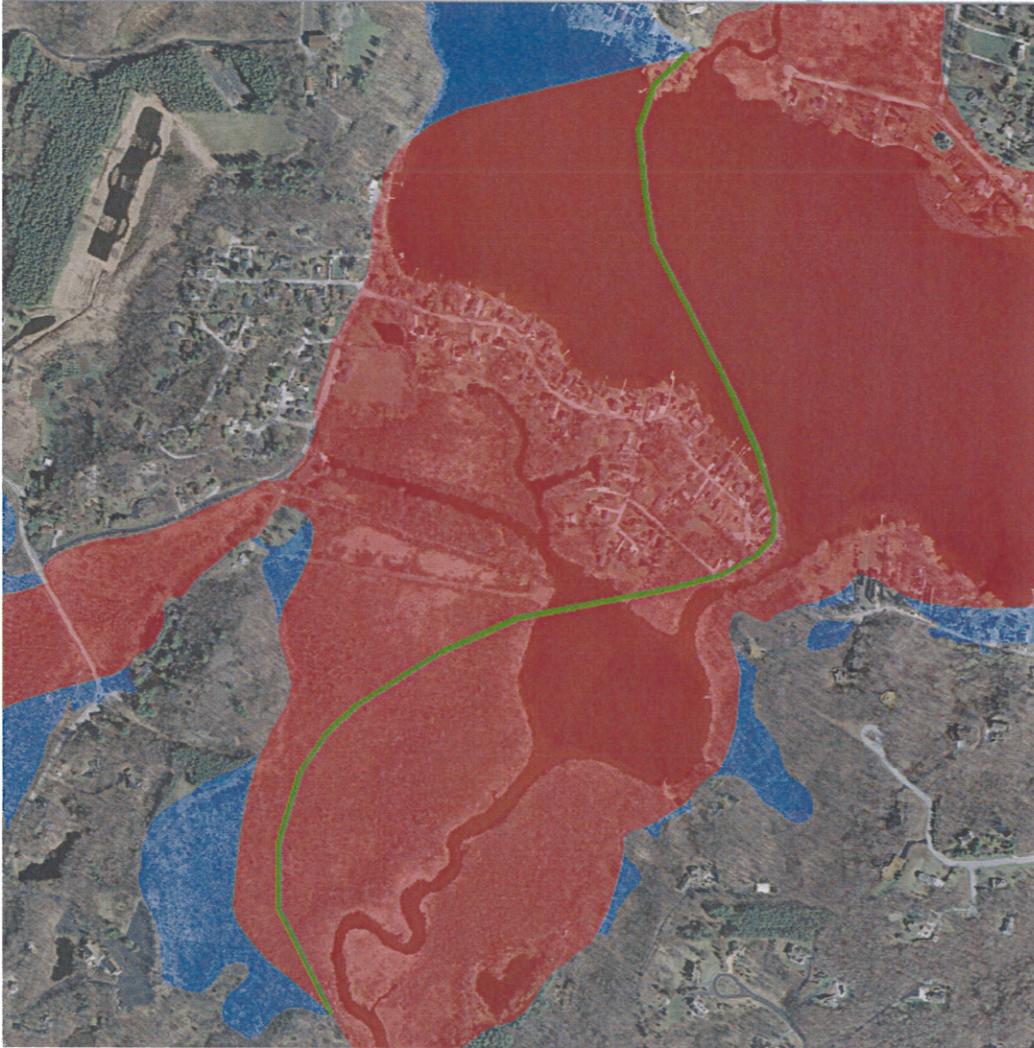
The private drive that restricts flow from the Oconomowoc River to UT-1 was both lowered so it was at grade and a culvert was placed underneath it.

#6 result:

In both instances, the amount of flow diverting from Oconomowoc River was not appreciably changed (and therefore caused little change to the flood elevation) due to the fact that the drive is relatively close to the grade of the wetland to the west of it.

Scenario #7 – Pinch the floodway exiting Friess Lake to the outlet channel

This scenario was run if eliminating the floodway on the south shore was a more desirable objective than lowering the flood elevation of the lake. The red shading in the image below is the current floodway and the green line indicates this scenario's new floodway on the west/south side of the lake.



This scenario could be justified due to the fact that the water flowing over the south bank is relatively shallow and with little velocity.

#7 result:

While most structures on the south shore would be eliminated from the floodway, this scenario predictably raises the flood elevation of Friess Lake. This is initially estimated at an increase of 0.40' to 961.33' but additional evaluations would need to be made in this scenario to deal with the diversion channel (UT-1 Oconomowoc River) overflow aspect of the model. Also, flooding easements may need to be secured for each property where the BFE is increased.

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources or small size. The community map regularly should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where Base Flood Elevations (BFEs) and/or Floodway Areas have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Elevation Tables contained within the Flood Insurance Study (FIS) Report that accompanies the FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS Report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only to landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Elevation Tables in the Flood Insurance Study Report for this jurisdiction. Elevations shown in the Summary of Elevation Tables should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the floodways were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study Report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study Report for information on flood control structures for this jurisdiction.

The projection used in the preparation of this map was Universal Transverse Mercator (UTM) zone 18N. The horizontal datum was NAD 83, CGRS 1983 spheroid. Differences in datum, spheroid, projection or UTM zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of the FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at <http://www.ngs.noaa.gov> or contact the National Geodetic Survey at the following address:

NGS Information Services
 NOAA, NNGS12
 National Geodetic Survey
 SSMC-3, #5202
 1215 East-West Highway
 Silver Spring, Maryland 20910-3262
 (301) 713-3242

To obtain current elevation, description, and/or location information for bench marks shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit its website at <http://www.ngs.noaa.gov>.

Base map information shown on this FIRM was provided by the Wisconsin Regional Cartography Conversion (WVRC). The aerial photography was acquired in the spring of 2010 to create 1:10000 scale digital orthophotos with 1-metre resolution.

The profile baselines depicted on this map represent the hydraulic modeling baselines that match the flood profiles in the FIS report. As a result of improved topographic data, the profile baselines, in some cases, may deviate significantly from the channel centerline or appear outside the SFHA.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after the map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed Map Index for an overview map of the county showing the layout of map panels, community map repository addresses, and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

For information on available products associated with this FIRM visit the Map Service Center (MSC) website at <http://msc.fema.gov>. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the MSC website.

If you have questions about this map, how to order products, or the National Flood Insurance Program in general, please call the FEMA Map Information Exchange (FMIX) at 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA website at <http://www.fema.gov/information>.



NOTE: MAP AREA SHOWN ON THIS PANEL IS LOCATED WITHIN TOWNSHIP 9 NORTH, RANGE 19 EAST.

LEGEND

- SPECIAL FLOOD HAZARD AREAS (SFHA) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD**
 The 1% annual chance flood (100-year) is shown as the shaded area. The 1% annual chance flood area is the area subject to flooding by the 1% annual chance flood. The Base Flood Elevation is the water surface elevation of the 1% annual chance flood.
- ZONE A** No Base Flood Elevations determined.
 - ZONE AE** Base Flood Elevations determined.
 - ZONE AH** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of actual flow flooding, velocities also determined.
 - ZONE AO** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of actual flow flooding, velocities also determined.
 - ZONE AR** Special Flood Hazard Areas formerly protected from the 1% annual chance flood by a flood control system that was subsequently abandoned. Zone AR indicates that the former flood control system is being returned to provide protection from the 1% annual chance or greater flood.
 - ZONE ASB** Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
 - ZONE VE** Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
 - ZONE VE** Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.
- FLOODWAY AREAS IN ZONE AE**
- The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.
- OTHER FLOOD AREAS**
- ZONE X** Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with discharge areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.
 - OTHER AREAS**
 - ZONE D** Areas determined to be outside the 0.2% annual chance floodplain.
 - ZONE D** Areas in which flood hazards are undetermined, but possible.
 - COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS**
 - OTHERWISE PROTECTED AREAS (OPAs)**
 - CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.
 - 1% Annual Chance Floodplain Boundary
 - 0.2% Annual Chance Floodplain Boundary
 - Floodway boundary
 - Zone D boundary
 - CBRS and OPA boundary
 - Boundary defining Special Flood Hazard Area Zones and Inundation Inundation Special Flood Hazard Areas of different Base Flood Elevations, Flood depths, or flood velocities
 - Base Flood Elevation line and value; elevation in feet
 - Base Flood Elevation value where uniform within zone; elevation in feet
- *Referenced to the North American Vertical Datum of 1988
- Cross section line
 - Traction line
 - Culvert
 - Bridge
- Geographic coordinates referenced to the North American Datum of 1983 (NAD 83) Western Hemisphere
- 3100000 FT 5500-foot UTM; Wisconsin State Plane Spheroid Zone (SPS Zone 18N); Lambert Conformal Conic projection
 - 1215-meter Universal Transverse Mercator grid values, zone 18N
 - DMS10 X Bench mark (see explanation in Notes to Users section of the FISM panel)
 - ▲ B.M.15
- ▲ B.M.15
 Refer to Map Repository for map index
- Refer to Map Repository for map index
- EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
 November 20, 2013
- EFFECTIVE DATES OF REVISIONS TO THIS PANEL
- Revisions to this panel include the following: 1. Flood Hazard Areas and Floodway Areas, 2. Zone AE, 3. Zone VE, 4. Zone ASB, 5. Zone AR, 6. Zone AO, 7. Zone AH, 8. Zone X, 9. Zone D, 10. Zone VE, 11. Zone AE, 12. Zone VE, 13. Zone AE, 14. Zone VE, 15. Zone AE, 16. Zone VE, 17. Zone AE, 18. Zone VE, 19. Zone AE, 20. Zone VE, 21. Zone AE, 22. Zone VE, 23. Zone AE, 24. Zone VE, 25. Zone AE, 26. Zone VE, 27. Zone AE, 28. Zone VE, 29. Zone AE, 30. Zone VE, 31. Zone AE, 32. Zone VE, 33. Zone AE, 34. Zone VE, 35. Zone AE, 36. Zone VE, 37. Zone AE, 38. Zone VE, 39. Zone AE, 40. Zone VE, 41. Zone AE, 42. Zone VE, 43. Zone AE, 44. Zone VE, 45. Zone AE, 46. Zone VE, 47. Zone AE, 48. Zone VE, 49. Zone AE, 50. Zone VE, 51. Zone AE, 52. Zone VE, 53. Zone AE, 54. Zone VE, 55. Zone AE, 56. Zone VE, 57. Zone AE, 58. Zone VE, 59. Zone AE, 60. Zone VE, 61. Zone AE, 62. Zone VE, 63. Zone AE, 64. Zone VE, 65. Zone AE, 66. Zone VE, 67. Zone AE, 68. Zone VE, 69. Zone AE, 70. Zone VE, 71. Zone AE, 72. 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Zone VE, 927. Zone AE, 928. Zone VE, 929. Zone AE, 930. Zone VE, 931. Zone AE, 932. Zone VE, 933. Zone AE, 934. Zone VE, 935. Zone AE, 936. Zone VE, 937. Zone AE, 938. Zone VE, 939. Zone AE, 940. Zone VE, 941. Zone AE, 942. Zone VE, 943. Zone AE, 944. Zone VE, 945. Zone AE, 946. Zone VE, 947. Zone AE, 948. Zone VE, 949. Zone AE, 950. Zone VE, 951. Zone AE, 952. Zone VE, 953. Zone AE, 954. Zone VE, 955. Zone AE, 956. Zone VE, 957. Zone AE, 958. Zone VE, 959. Zone AE, 960. Zone VE, 961. Zone AE, 962. Zone VE, 963. Zone AE, 964. Zone VE, 965. Zone AE, 966. Zone VE, 967. Zone AE, 968. Zone VE, 969. Zone AE, 970. Zone VE, 971. Zone AE, 972. Zone VE, 973. Zone AE, 974. Zone VE, 975. Zone AE, 976. Zone VE, 977. Zone AE, 978. Zone VE, 979. Zone AE, 980. Zone VE, 981. Zone AE, 982. Zone VE, 983. Zone AE, 984. Zone VE, 985. Zone AE, 986. Zone VE, 987. Zone AE, 988. Zone VE, 989. Zone AE, 990. Zone VE, 991. Zone AE, 992. Zone VE, 993. Zone AE, 994. Zone VE, 995. Zone AE, 996. Zone VE, 997. Zone AE, 998. Zone VE, 999. Zone AE, 1000. Zone VE, 1001. Zone AE, 1002. Zone VE, 1003. Zone AE, 1004. Zone VE, 1005. Zone AE, 1006. Zone VE, 1007. Zone AE, 1008. Zone VE, 1009. Zone AE, 1010. Zone VE, 1011. Zone AE, 1012. Zone VE, 1013. Zone AE, 1014. Zone VE, 1015. Zone AE, 1016. Zone VE, 1017. Zone AE, 1018. Zone VE, 1019. Zone AE, 1020. Zone VE, 1021. Zone AE, 1022. Zone VE, 1023. Zone AE, 1024. Zone VE, 1025. Zone AE, 1026. Zone VE, 1027. Zone AE, 1028. Zone VE, 1029. Zone AE, 1030. Zone VE, 1031. Zone AE, 1032. Zone VE, 1033. Zone AE, 1034. Zone VE, 1035. Zone AE, 1036. Zone VE, 1037. Zone AE, 1038. Zone VE, 1039. Zone AE, 1040. Zone VE, 1041. Zone AE, 1042. Zone VE, 1043. Zone AE, 1044. Zone VE, 1045. Zone AE, 1046. Zone VE, 1047. Zone AE, 1048. Zone VE, 1049. Zone AE, 1050. Zone VE, 1051. Zone AE, 1052. Zone VE, 1053. Zone AE, 1054. Zone VE, 1055. Zone AE, 1056. Zone VE, 1057. Zone AE, 1058. Zone VE, 1059. Zone AE, 1060. Zone VE, 1061. Zone AE, 1062. Zone VE, 1063. Zone AE, 1064. Zone VE, 1065. Zone AE, 1066. Zone VE, 1067. Zone AE, 1068. Zone VE, 1069. Zone AE, 1070. Zone VE, 1071. Zone AE, 1072. Zone VE, 1073. Zone AE, 1074. Zone VE, 1075. Zone AE, 1076. Zone VE, 1077. Zone AE, 1078. Zone VE, 1079. Zone AE, 1080. Zone VE, 1081. Zone AE, 1082. Zone VE, 1083. Zone AE, 1084. Zone VE, 1085. Zone AE, 1086. Zone VE, 1087. Zone AE, 1088. Zone VE, 1089. Zone AE, 1090. Zone VE, 1091. Zone AE, 1092. Zone VE, 1093. Zone AE, 1094. Zone VE, 1095. Zone AE, 1096. Zone VE, 1097. Zone AE, 1098. Zone VE, 1099. Zone AE, 1100. Zone VE, 1101. Zone AE, 1102. Zone VE, 1103. Zone AE, 1104. Zone VE, 1105. Zone AE, 1106. Zone VE, 1107. Zone AE, 1108. Zone VE, 1109. Zone AE, 1110. Zone VE, 1111. Zone AE, 1112. Zone VE, 1113. Zone AE, 1114. Zone VE, 1115. Zone AE, 1116. Zone VE, 1117. Zone AE, 1118. Zone VE, 1119. Zone AE, 1120. Zone VE, 1121. Zone AE, 1122. Zone VE, 1123. Zone AE, 1124. Zone VE, 1125. Zone AE, 1126. Zone VE, 1127. Zone AE, 1128. Zone VE, 1129. Zone AE, 1130. Zone VE, 1131. Zone AE, 1132. Zone VE, 1133. Zone AE, 1134. Zone VE, 1135. Zone AE, 1136. Zone VE, 1137. Zone AE, 1138. Zone VE, 1139. Zone AE, 1140. Zone VE, 1141. Zone AE, 1142. Zone VE, 1143. Zone AE, 1144. Zone VE, 1145. Zone AE, 1146. Zone VE, 1147. Zone AE, 1148. Zone VE, 1149. Zone AE, 1150. Zone VE, 1151. Zone AE,

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The community map repository should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where Base Flood Elevations (BFEs) and/or floodways have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Floodway Elevations tables contained within the Flood Insurance Study (FIS) Report that accompanies this FIRMA. Users should be aware that BFEs shown on the FIRMA represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS Report will be added in conjunction with the FIRMA for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.07 North American Vertical Datum of 1988 (NAVD 88). Users of this FIRMA should be aware that coastal flood elevations are also provided in the Summary of Floodway Elevations table in the Flood Insurance Study Report for this jurisdiction. Elevations shown in the Summary of Floodway Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRMA.

Boundaries of the floodways were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study Report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study Report for information on flood control structures for this jurisdiction.

The projection used in the preparation of this map was Universal Transverse Mercator (UTM) zone 16N. The horizontal datum was NAD 83, GRS 1990 spheroid. Differences in datum, spheroid, projection or UTM zones used in the production of FIRMA for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRMA.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at <http://www.ngs.noaa.gov> or contact the National Geodetic Survey at the following address:

NGS Information Services
NCA, NAD83/21
National Geodetic Survey
SSM-C-1 #202
1315 Eastview Highway
Silver Spring, Maryland 20910-4262
(301) 715-3242

To obtain current elevation, description, and/or location information for bench marks shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 715-3242, or visit its website at <http://www.ngs.noaa.gov>.

Base map information shown on this FIRMA was provided by the Wisconsin Regional Cartography Consortium (WRCC). The aerial photography was acquired in the spring of 2010 to create a 1:1000' scale digital orthophoto with 18-inch resolution.

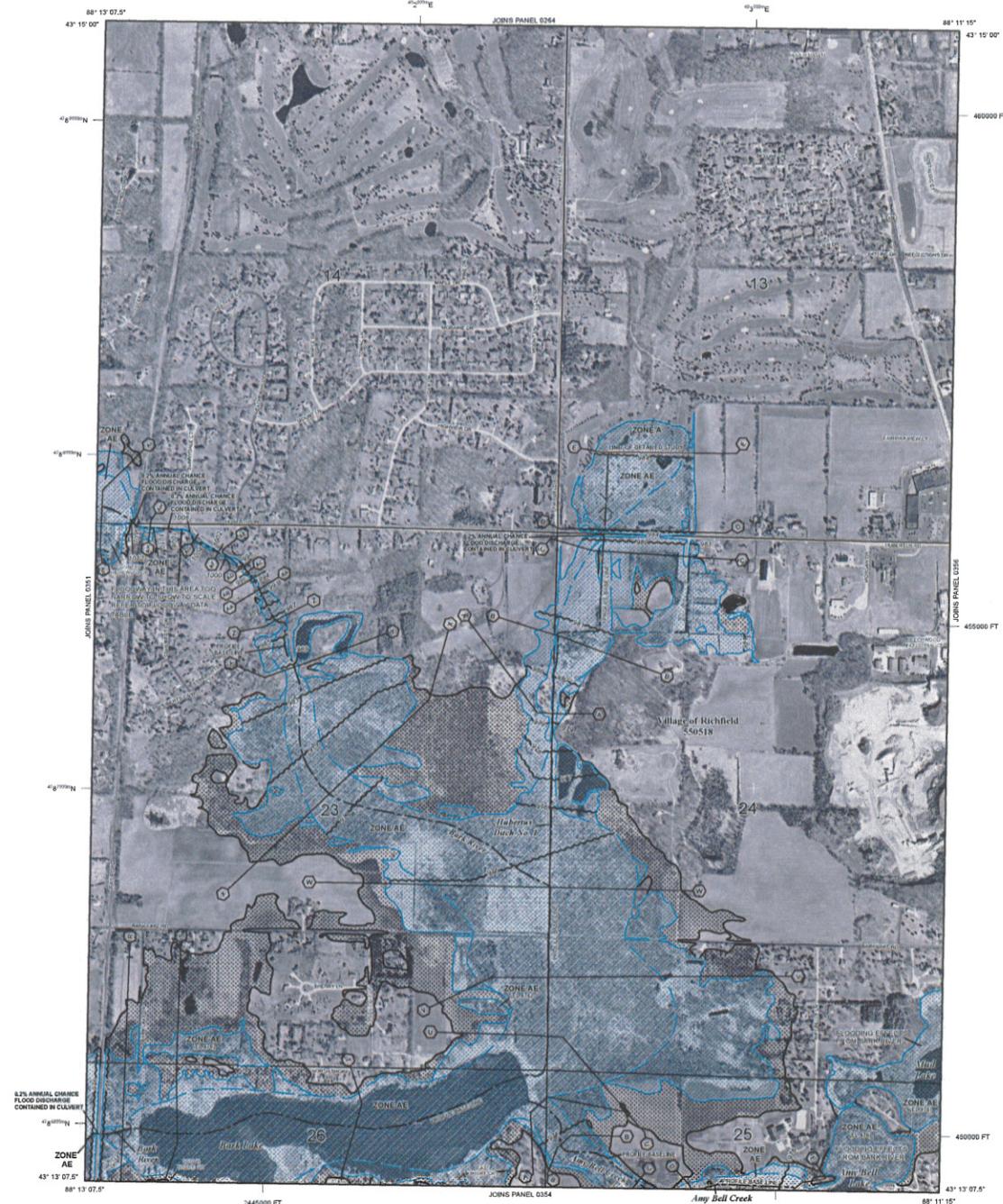
The profile baselines depicted on this map represent the hydraulic modeling baselines that match the flood profiles in the FIS report. As a result of improved geographic data, the profile baselines, in some cases, may deviate significantly from the channel centerline or appear outside the SFHA.

Corporate limits shown on this map are based on the best data available at the time of publication. Structure changes due to annexations or de-annexations may have occurred after this map was published; map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed Map Index for an overview map of the county showing the layout of map panels, community map repository addresses, and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

For information on available products associated with this FIRMA visit the Map Service Center (MSC) website at <http://www.fema.gov>. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the MSC website.

If you have questions about this map, how to order products, or the National Flood Insurance Program in general, please call the FEMA Map Information eXchange (FMIA) at 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA website at <http://www.fema.gov>.



NOTE: MAP AREA SHOWN ON THIS PANEL IS LOCATED WITHIN TOWNSHIP 9 NORTH, RANGE 19 EAST.

LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHA) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD
The 1% annual chance flood (100-year flood) is shown as the base flood. A flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zone A, AE, AO, AR, ASR, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A
No Base Flood Elevations determined. Base Flood Elevations determined.

ZONE AE
Base Flood Elevation determined. Base Flood Elevation determined.

ZONE AO
Flood depths of 1 to 3 feet (usually areas of ponding). Base Flood Elevation determined. Flood depths of 1 to 3 feet (usually areas of ponding). Base Flood Elevation determined. For areas of shallow flooding, profiles also determined.

ZONE AR
Special Flood Hazard Areas located from the 1% annual chance flood by a flood control system that was subsequently overtopped. Zone AR indicates that the flood hazard created by a failure of the protection from the 1% annual chance or greater flood.

ZONE ASR
Areas to be protected from the annual chance flood by a floodway protection system under construction. No Base Flood Elevations determined.

ZONE V
Coastal flood zone with velocity hazard (wave action). No Base Flood Elevations determined.

ZONE VE
Coastal flood zone with velocity hazard (wave action). Base Flood Elevation determined.

FLOODWAY AREAS IN ZONE AE
The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increase in flood heights.

OTHER FLOOD AREAS

ZONE X
Areas of 0.2% annual chance flood. Areas of 1% annual chance flood with average depths of less than 1 foot or with average area less than 2 square miles and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE X
Areas determined to be outside the 0.2% annual chance floodplain. Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

1% Annual Chance Floodplain Boundary
0.2% Annual Chance Floodplain Boundary
Floodway Boundary
Zone D boundary
Zone V boundary
CBRS and OPA boundary
Boundary dividing Special Flood Hazard Area Zone and boundary showing Special Flood Hazard Area of different Base Flood Elevation, Flood depth, or Flood velocity.
Base Flood Elevation line and value; elevation in feet
Base Flood Elevation value where uniform within zone, elevation in feet

Referenced to the North American Vertical Datum of 1988

Cross section line
Traction line
Culvert
Bridge
Geographic coordinates referenced to the North American Datum of 1983 (NAD 83) Western Hemisphere
500-foot scale Wisconsin State Plane South Zone (FIPS Zone 4803), Lambert Conformal Conic projection
1000-meter Universal Transverse Mercator grid values, zone 16N
Bench mark (see explanation in Notes to Users section of the FIS report)
Map Repository
Refer to Map Repository list on Map Index

EFFECTIVE DATES OF RECORDING TO THIS PANEL

For community map revision history prior to coordinates mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.
To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-354-3226.

MAP SCALE 1" = 500'
0 500 1000
0 500 1000
FEET METERS

NFIP
NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0352E

FIRM
FLOOD INSURANCE RATE MAP
WASHINGTON COUNTY,
WISCONSIN
AND INCORPORATED AREAS

PANEL 352 OF 396
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	DATES
HOVELL	30434	0352	01/01
UNLASE LP			

PRELIMINARY
November 25, 2013

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

MAP NUMBER
55131C0352E
MAP REVISED

Federal Emergency Management Agency

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The community map repository should be consulted for possible updates or additional flood hazard information.

To obtain more detailed information in areas where Base Flood Elevations (BFEs) and/or floodways have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Elevation Tables contained within the Flood Insurance Study (FIS) Report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, floodway data presented in the FIS Report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only to landward of 0.07 North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Elevation Tables in the Flood Insurance Study Report for this jurisdiction. Elevations shown in the Summary of Elevation Tables should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the floodways were compiled at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study Report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures. Refer to Section 2, "Flood Protection Measures" of the Flood Insurance Study Report for information on flood control structures for this jurisdiction.

The projection used in the preparation of this map was Universal Transverse Mercator (UTM) zone 16N. The horizontal datum was NAD 83, GRS 1980 spheroid. Differences in datum, datum, projection or UTM zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at <http://www.ngs.noaa.gov> or contact the National Geodetic Survey at the following address:

NGS Information Services
 NOAA/NMDS/2
 National Geodetic Survey
 SBK/CS, #922
 1315 East-West Highway
 Silver Spring, Maryland 20910-3292
 (301) 713-3342

To obtain current elevation, description, and/or location information for bench marks shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3342, or visit its website at <http://www.ngs.noaa.gov>.

Base map information shown on this FIRM was provided by the Wisconsin Regional Orthophotography Collection (WVOC). The aerial photography was acquired in the spring of 2010 to create a 1:1000 scale digital orthophotomap with 18-inch resolution.

The profile baselines depicted on this map represent the hydraulic modeling baselines that match the flood profiles in the FIS report. As a result of improved topographic data the profile baseline, in some cases, may deviate significantly from the channel centerline or appear outside the SFHA.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed Map Index for an overview map of the county showing the layout of map sheets, community map repository addresses, and a Listing of Communities table containing National Flood Insurance Program data for each community as well as a listing of the panels on which each community is located.

For information on available products associated with this FIRM visit the Map Service Center (MSC) website at <http://www.fema.gov>. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the MSC website.

If you have questions about this map, how to order products, or the National Flood Insurance Program in general, please call the FEMA Map Information Exchange (FMIEX) at 1-877-FEMA-MAP (1-877-355-2627) or visit the FEMA website at <http://www.fema.gov/businessinfo>.



NOTE: MAP AREA SHOWN ON THIS PANEL IS LOCATED WITHIN TOWNSHIP 9 NORTH, RANGE 18 EAST.

LEGEND

- SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD**
 The 1% annual chance flood (100-year flood) shown as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zone A, AE, AH, AO, AR, AV, V, and VE. The Base Flood Elevation is the water surface elevation of the 1% annual chance flood.
- ZONE A**
No Base Flood Elevations determined.
 - ZONE AE**
Base Flood Elevations determined.
 - ZONE AH**
Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain). Base Flood Elevations determined.
 - ZONE AO**
Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain). Average depths determined. For areas of sheet flow, depths also determined.
 - ZONE AR**
Special Flood Hazard Areas formerly protected from the 1% annual chance flood by a flood control system that was subsequently determined. Zone AR indicates that the former flood control system is being retained to provide protection from the 1% annual chance or greater flood.
 - ZONE AV**
Area to be protected from the annual chance flood by a National Flood Protection System under construction. No Base Flood Elevations determined.
 - ZONE V**
Coastal flood zone with velocity hazard (wave action). No Base Flood Elevations determined.
 - ZONE VE**
Coastal flood zone with velocity hazard (wave action). Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE
 The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increase in flood height.

OTHER FLOOD AREAS

ZONE X
Areas of 0.2% annual chance flood, areas of 1% annual chance flood with average depths of less than 1 foot or with average areas less than 1 square mile and areas protected by levees from 1% annual chance flood.

OTHER AREAS
ZONE D
Areas determined to be outside the 0.2% annual chance floodplain.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

- CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.
- 1% Annual Chance Floodplain Boundary
- 0.2% Annual Chance Floodplain Boundary
- Floodway boundary
- Zone D boundary
- Zone AE boundary
- Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths, or flood reductions.
- Base Flood Elevation line and value; elevation in feet¹
- Base Flood Elevation line where uniform within zone; elevation in feet¹

¹Referenced to the North American Vertical Datum of 1988

- Cross section line
- Transect line
- Canal
- Bridge
- Geographic coordinate referenced to the North American Datum of 1983 (NAD 83) Western Hemisphere
- 3100000 FT
- 500-foot wide Wisconsin State Range South Zone
- CBRS Zone (RZ), Landmark Confirmed Code projection
- 1000-meter Universal Transverse Mercator grid values, zone 16N
- Bench mark (see explanation in Notes to Users section of the FISR report)
- MAP REPOSITORIES
- River Mile

Refer to Map Reppositories list on Map Index

EFFECTIVE DATE OF CURRENT FLOOD INSURANCE RATE MAP
 November 25, 2015

EFFECTIVE DATES OF REVISIONS TO THIS PANEL

For community map revision history prior to community mapping refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-424-6462.

NFIP
NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0332E

FIRM
 FLOOD INSURANCE RATE MAP
 WASHINGTON COUNTY,
 WISCONSIN
 AND INCORPORATED AREAS

PANEL 332 OF 395
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COUNTY	NUMBER	PANEL	SHEET
WASHINGTON	1531H	0332	E

PRELIMINARY
 October 17, 2015

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

MAP NUMBER
 5513C0332E
 MAP REVISED

Federal Emergency Management Agency

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The community map repository should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where Base Flood Elevations (BFEs) and/or floodways have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) Report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS Report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only to landward of 0.7 North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study Report for the jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the floodways were compiled at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study Report for the jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study Report for information on flood control structures for the jurisdiction.

The projection used in the preparation of this map was Universal Transverse Mercator (UTM) zone 18U. The horizontal datum was NAD 83, CRS 1983 spheroid. Differences in datum, spheroid, projection or UTM zones used in the preparation of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of the FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at <http://www.ngs.noaa.gov> or contact the National Geodetic Survey at the following address:

NGS Information Services
 NOAA, NNGS12
 National Geodetic Survey
 SSMC-3, #2327
 1315 East-West Highway
 Silver Spring, Maryland 20910-3282
 (301) 713-3242

To obtain current elevation, description, and/or location information for bench marks shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit its website at <http://www.ngs.noaa.gov>.

Base map information shown on this FIRM was provided by the Wisconsin Regional Orthorectification Consortium (WRIOC). The aerial photography was acquired in the spring of 2010 to create 1:1000' scale digital orthophotographs with 16-inch resolution.

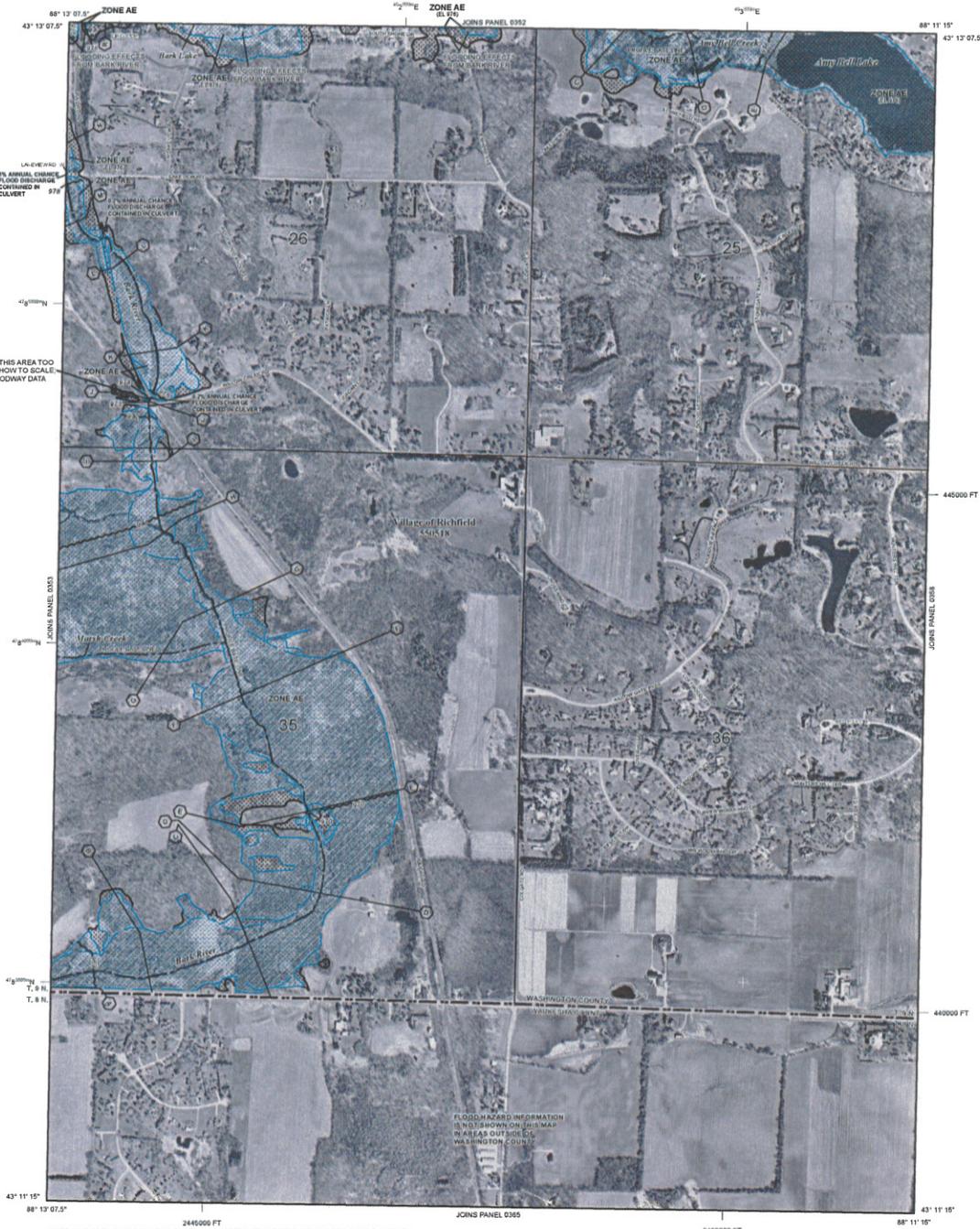
The profile baselines depicted on this map represent the hydraulic modeling baselines that match the flood profiles in the FIS report. As a result of improved topographic data, the profile baselines, in some cases, may deviate significantly from the channel centerline or appear outside the SFHA.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed Map Index for an overview map of the county showing the layout of map panels; community map repository addresses; and a Listing of Communities table containing National Flood Insurance Program data for each community as well as a listing of the panels on which each community is located.

For information on available products associated with this FIRM visit the Map Service Center (MSC) website at <http://www.fema.gov>. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the MSC website.

If you have questions about this map, how to order products, or the National Flood Insurance Program in general, please call the FEMA Map Information eXchange (FMIX) at 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA website at <http://www.fema.gov/business>.



LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHA) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD
 The 1% annual chance flood (100-year flood) does not include the zone that has a 1% chance of being equalled or exceeded in any given year. The zone of Flood Hazard Areas is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zone A, AE, AH, AO, AR, AV, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A No Base Flood Elevations determined.
ZONE AE Base Flood Elevations determined.
ZONE AH Flood depths of 1 to 3 feet (usually areas of ponding). Base Flood Elevation determined.
ZONE AO Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of shallow flooding, vehicles also determined.
ZONE AR Special Flood Hazard Areas formerly protected from the 1% annual chance flood by a flood control system that has subsequently deteriorated. Zone AR indicates that the former flood control system is being retained to provide protection from the 1% annual chance or greater flood.
ZONE ARB Area to be protected from 1% annual chance flood by a Federal flood control system under construction; no Base Flood Elevations determined.
ZONE AV Coastal flood zone with velocity hazard (waves action); no Base Flood Elevations determined.
ZONE VE Coastal flood zone with velocity hazard (waves action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE
 The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS
ZONE X Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile, and areas protected by levees from 1% annual chance flood.
OTHER AREAS
ZONE D Areas determined to be outside the 0.2% annual chance floodplain.
ZONE I Areas in which flood hazards are undetermined, but possible.
COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS
OTHERWISE PROTECTED AREAS (OPAs)
 CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.
 1% Annual Chance Floodplain Boundary
 0.2% Annual Chance Floodplain Boundary
 Floodway Boundary
 Zone D boundary
 CBRS and OPA boundary
 Boundary defining Special Flood Hazard Area Zones and boundary showing Special Flood Hazard areas of different Base Flood Elevation, Flood depths, or flood velocities
 Base Flood Elevation line and value; elevation in feet
 2.5' (EL 98')
 Base Flood Elevation value where uniform within zone; elevation in feet

*Referenced to the North American Vertical Datum of 1988

A --- A --- Cross section line
 T --- T --- Trench line
 C --- C --- Culvert
 B --- B --- Bridge

45° 02' 08" 83° 02' 12"
 3100000 FT
 3000-foot wide Wisconsin State Plane South Zone (FIPS Zone 4803), Lambert Conformal Conic projection
 180-degree Universal Transverse Mercator grid zone 18U
 DMS10 X
 Bench mark (see explanation in Notes to Users section of this FIRM panel)
 RW 1/4
 MAP REPOSITORIES
 Refer to Map Repositories list on Map Index
 EFFECTIVE DATE OF COUNTRYWIDE FLOOD INSURANCE RATE MAP
 November 20, 2015
 EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL
 (Revisions to panel information are listed on the Flood Insurance Study Report for this jurisdiction.)
 To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-635-4829.

MAP SCALE 1" = 500'
 150 0 150 300
 FEET
 METERS

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0354E

FIRM
FLOOD INSURANCE RATE MAP
WASHINGTON COUNTY,
WISCONSIN
AND INCORPORATED AREAS

PANEL 354 OF 395
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

COUNTY	NUMBER	PANEL	DATE
WASHINGTON COUNTY	354 OF 395	0354E	11/20/15

PRELIMINARY
 DATE 07/17/2015

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

MAP NUMBER
55131C0354E
MAP REVISED

Federal Emergency Management Agency



FEMA Floodplain - 10/1/713

- Floodway
- 100 Year Floodplain
- 500 Year Floodplain
- Section
- Parcels
- Right-of-Way
- Cross Section and Station
- FEMA Water Line

Section 17
 TOWN 9 NORTH, RANGE 19 EAST
 Village of Richfield
 Washington County, Wisconsin

LOCATION WITHIN VILLAGE

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32
33	34	35	36	37	38	39	40

FIRM PANEL ID

02416E	02440E	02483E	02540E	02600E
02657E	02714E	02771E	02828E	02885E
02942E	02999E	03056E	03113E	03170E
03227E	03284E	03341E	03398E	03455E

This map is unofficial.
 The Flood Insurance Rate Maps adopted by the Village of Richfield must be used in determining the location of floodplain boundaries and other matters relating to the Village's floodplain zoning regulations.



FEMA Floodplain - 10/17/13

- Floodway
- 100 Year Floodplain
- 500 Year Floodplain
- Section
- Parcels
- Right-of-Way
- Cross Section and Station
- FEMA Water Line

Section 26
 TOWN 9 NORTH, RANGE 19 EAST
 Village of Richfield
 Washington County, Wisconsin

LOCATION WITHIN VILLAGE					FIRM PANEL ID				
6	9	4	3	1	81210	82440	82810	82840	82860
7	8	5	2	1	83110	83300	83510	83520	83540
18	17	16	15	14	83710	83300	83510	83520	83540
19	20	21	22	23	83710	83300	83510	83520	83540
30	29	28	27	26	83710	83300	83510	83520	83540
31	30	29	28	27	83710	83300	83510	83520	83540

This map is unofficial.
 The Flood Insurance Rate Maps adopted by the Village of Richfield must be used in determining the location of floodplain boundaries and other matters relating to the Village's floodplain zoning regulations.

7 b



VILLAGE OF RICHFIELD
 VILLAGE BOARD COMMUNICATION FORM

76

MEETING DATE: September 17, 2015

SUBJECT: Letter of Credit reduction, Lakeview Ridge Subdivision, D&S Weyer No. II LLC.
 DATE SUBMITTED: September 10, 2015
 SUBMITTED BY: KateLynn Schmitt, Deputy Treasurer

POLICY QUESTION: DOES THE VILLAGE BOARD WISH TO ACCEPT THE RECOMMENDATION OF THE VILLAGE ENGINEER TO REDUCE THE ESTABLISHED LETTER OF CREDIT?

ISSUE SUMMARY:

On June 23, 2015, the Village of Richfield established a Letter of Credit attributed to construction costs of Lakeview Ridge Subdivision, in Section 26 of the Village. Lakeview Ridge Subdivision is generally located in the southeastern portion of the Village off of Lakeview Road which is south of Bark Lake. This summer a large portion of the site work was completed including the following;

- Clearing and Grubbing
- Temporary Stone Construction Entrance
- Street, Lot and Ditch Grading
- 9" CABC
- Ditch Matting
- Culvert Outlet Rip-Rap Sections
- Rip-Rap Velocity Ditch Checks
- Biodegradable Erosion Matting
- Silt Fence
- 15" RCP Culvert w/endwalls
- 18" RCP Culvert w/endwalls
- Stormwater Pond, Riprap, Outlet Structure
- Infiltration Pond Areas, Lot 1, Lot 3

The above has been inspected by the Village Engineer. His recommendation is that it would be appropriate to reduce the Letter of Credit upon the receipt of lien waivers from \$299,000 to \$153,151 for a period of one year, which is our standard contingency practice for developers.

FISCAL IMPACT:

REVIEWED BY: 
 Village Deputy Treasurer

Initial Project Costs: N/A
 Future Ongoing Costs: N/A
 Physical Impact (on people/space): N/A
 Residual or Support/Overhead/Fringe Costs: Administrative

ATTACHMENTS:

1. September 4, 2015 Letter from Village Engineer Ron Dalton RE: Letter of Credit reduction



VILLAGE OF RICHFIELD
VILLAGE BOARD COMMUNICATION FORM

76

MEETING DATE: September 17, 2015

SUBJECT: Letter of Credit reduction, Lakeview Ridge Subdivision, D&S Weyer No. II LLC.
DATE SUBMITTED: September 10, 2015
SUBMITTED BY: KateLynn Schmitt, Deputy Treasurer

STAFF RECOMMENDATION:

Motion to authorize the Village's Deputy Treasurer, upon receipt of lien waivers, to work with the Developer to reduce the Letter of Credit to an amount of \$153,151 for a period of no more than one year.

APPROVED FOR SUBMITTAL BY:

Laure J. Johnson
Village Staff Member

Denise R. Kelly
Village Administrator

VILLAGE CLERK USE ONLY
BOARD ACTION TAKEN

Resolution No. _____
Ordinance No. _____
Approved _____
Other _____

Continued To: _____
Referred To: _____
Denied _____
File No. _____

September 4, 2015

W138620.01

Village of Richfield
4128 Hubertus Road
Hubertus, Wisconsin 53033

Attention: Mr. James Healy, Village Administrator

**Lakeview Ridge Subdivision
Letter of Credit**

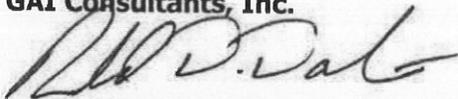
Dear Mr. Healy:

We have completed our review of a request to have the Letter of Credit for Lakeview Ridge Subdivision reduced. Our review is based upon our observation of construction completed to date and information provided by D&S Weyer No. II LLC. We recommend that the Letter of Credit be reduced to \$153,151.00. Please find attached an itemized list of improvement that have either not been completed or Lien Waivers have not been provided.

Please contact me at our Germantown office if you have any questions.

Sincerely,

GAI Consultants, Inc.



Ronald D. Dalton, P.E.
Senior Engineering Manager

RDD/cmf

Enc: As noted

Lakeview Ridge Subdivision
Village of Richfield
Project #W138620.01
9/3/2015

Remaining Letter of Credit Needed

2 3/4" Asphalt Binder Course	\$45,095
1 3/4" Asphalt Surface Course	\$32,640
4' Gravel Shouldering	\$5,651
Restoration	\$20,000
<u>Total</u>	<u>\$103,386</u>
Contingencies (20%)	\$49,765
Total Letter of Credit	<u>\$153,151</u>

GAI Consultants, Inc.

Approved as to form

Developer Representative

Village President initials

Village Administrator initials

7 c

7c



VILLAGE OF RICHFIELD
VILLAGE BOARD COMMUNICATION FORM

MEETING DATE: September 17, 2015

SUBJECT: New Liquor License Application & Unenclosed Premise Permit
DATE SUBMITTED: September 10, 2015
SUBMITTED BY: Laura Johnson, Deputy Clerk

POLICY QUESTION: DOES THE VILLAGE BOARD WISH TO APPROVE A NEW COMBINATION "CLASS B" LICENSE AND UNENCLOSED PREMISE PERMIT FOR LA CABANA AC, LLC D/B/A LA CABANA RESTAURANT?

ISSUE SUMMARY:

Alvaro Cortes will be purchasing Crossroads Restaurant from Donald Seib. The new name of the restaurant will be La Cabana. Mr. Cortes has applied for a Combination "Class B" License to sell beer, wine and liquor. Lucia Cortez is a partner in the LLC, that has been formed and has applied to be the agent of La Cabana. Lucia has also applied for an Operator's License. Please note that the Village is now at the Quota of Licenses that can be applied for but still has three (3) reserve available for \$10,000 each.

The former owner Donald Seib will be relinquishing his Class "B" Retailer's Fermented Malt Beverage License and "Class C" Retailer's Wine License as soon as La Cabana, Lucia Cortez, Agent, has been granted the Combination "Class B" License.

Deputy Michael Anderson has reviewed the Operator's License for Lucia Cortez and has approved the application. The unenclosed premise permit has been reviewed by the Building Inspector Joel Jaster, Lieutenant Burgard of the Richfield Volunteer Fire Company and Deputy Michael Anderson per Village ordinance. There were no reservations in granting these permits. Limited outdoor seating currently exists on-site.

FISCAL IMPACT:

Initial Project Costs: None
Future Ongoing Costs: None
Physical Impact (on people/space): None
Residual or Support/Overhead/Fringe Costs: None

REVIEWED BY:

Village Deputy Treasurer

ATTACHMENTS:

1. Application for Alcohol Beverage Retail License Application and Auxiliary Questionnaire from Lucia Cortez and Alvaro Cortes
2. Unenclosed Premise Permit Application
3. Memo dated September 4, 2015 from Deputy Anderson.
4. Memo dated September 3, 2015 from Building Inspector Joel Jaster
5. Memo dated September 9, 2015 from Lieutenant Tony Burgard



VILLAGE OF RICHFIELD
VILLAGE BOARD COMMUNICATION FORM

MEETING DATE: September 17, 2015

SUBJECT: New Liquor License Application & Unenclosed Premise Permit
DATE SUBMITTED: September 10, 2015
SUBMITTED BY: Laura Johnson, Deputy Clerk

STAFF RECOMMENDATION:

Motion to approve the October 1, 2015 – June 30, 2016 liquor license for Lucia Cortez, Agent of La Cabana AC, LLC, d/b/a La Cabana Restaurant. (Class “B” Retailer’s Fermented Malt Beverage License & “Class B” Intoxicating Liquor License).

APPROVED FOR SUBMITTAL BY:

Handwritten signatures of Laura Johnson (Village Staff Member) and Village Administrator.

VILLAGE CLERK USE ONLY
BOARD ACTION TAKEN

Resolution No.
Ordinance No.
Approved
Other

Continued To:
Referred To:
Denied
File No.

Liquor Licenses October 1, 2015-June 30, 2016

L15-

Name	Full name of Corp, LLC, or Business	Name of Owner/Agent	Owner/Agent	Address	City	Zipcode	Type of license
21 LaCabana	La Cabana AC, LLC	Lucia Cortez	Agent	3052 Hubertus Road	Hubertus	53033	Combination "Class B"

7 d



VILLAGE OF RICHFIELD
VILLAGE BOARD COMMUNICATION FORM

7d

MEETING DATE: September 17, 2015

SUBJECT: Temporary Operator License renewal
DATE SUBMITTED: September 10, 2015
SUBMITTED BY: Laura Johnson, Deputy Clerk

POLICY QUESTION: DOES THE VILLAGE BOARD WISH TO APPROVE THE TEMPORARY OPERATOR LICENSE FOR SEPTEMBER 2015?

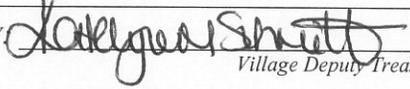
ISSUE SUMMARY:

Each year we have temporary operator licenses that need to be approved which are typically in the summer and fall months. The applicant included in this packet has filled out the proper forms and paid all applicable fees.

Deputy Michael Anderson has reviewed the temporary operator license and has no reservations in granting the same.

This temporary operator license is in correlation with the Picnic License for the American Legion Post #522 in the Consent Agenda for tonight's meeting.

FISCAL IMPACT:

REVIEWED BY: 
Village Deputy Treasurer

Initial Project Costs: None
Future Ongoing Costs: None
Physical Impact (on people/space): None
Residual or Support/Overhead/Fringe Costs: None

ATTACHMENTS:

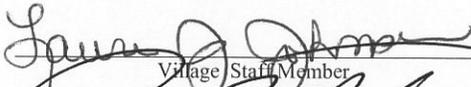
- 1. List of temporary operator licenses to be renewed
- 2. Deputy Anderson's Background Investigation form dated September 4, 2015 for Gilbert Schmitt

STAFF RECOMMENDATION:

Motion to approve the temporary operator license 2015 per the attached list.

APPROVED FOR SUBMITTAL BY:

VILLAGE CLERK USE ONLY
BOARD ACTION TAKEN


Village Staff Member

Village Administrator

Resolution No. _____
Ordinance No. _____
Approved _____
Other _____

Continued To: _____
Referred To: _____
Denied _____
File No. _____

7d

T2015 Last Name
19 Schmitt

First Name
Gilbert

7 e



VILLAGE OF RICHFIELD

VILLAGE BOARD COMMUNICATION FORM

7e

MEETING DATE: September 17, 2015

SUBJECT: Development of Road Connectivity Map
DATE SUBMITTED: September 10, 2015
SUBMITTED BY: Jim Healy, Village Administrator

POLICY QUESTION: NONE.

ISSUE SUMMARY:

Back in April Village Staff brought forward a proposal to adopt a "Road Connectivity Map" for the Village of Richfield. While originally we estimated about 30 hours of work to complete the map, by working cooperatively with the Washington County Parks and Planning Department we were able to save significantly on what was estimated to be a \$5,000 mapping project to one that may end up costing less than \$1,000. This is just another example about how intergovernmental cooperation works for our taxpayers.

Eventually when all is said and done, the map will serve as a resource for Village Staff to help property owners envision potential single-family residential development options or to help property owners understand how their roads may one day be connected to adjacent subdivisions. Right now the Village has 50+ places on the Village's adopted Zoning Map where roads abruptly terminate. With the creation of this map and by taking into consideration such things as existing subdivision plat maps where future road reservations may be indicated, topography, environmentally sensitive areas, neighboring land uses, and the type of termination currently used (dead end, t-turnaround, etc.) Village Staff is able to more effectively assist property owners with the development of their land when/if the time comes.

Over the last few months Staff has diligently been working on completing what we consider to be the first 'rough draft' of this map. Consistent with the aforementioned logic and reasoning, Staff utilized the services of Washington County Parks and Planning GIS specialist Eric Damkot to create a map which shows the Village's 36-square miles and delineates the 100 year floodplain (which we considered for adoption tonight), SEWRPC environmentally sensitive wetlands, and areas where there were greater than 8% slope. From speaking with Village Engineer Ron Dalton, the Village's standard for road construction suggests that roads should not be constructed with slopes greater than 7%. To put that into perspective, the intersection of STH 164 and Hubertus Road is an 8% slope. Using that percentage slope as what we would consider a 'worst case scenario' for new road construction, we used 8% as our benchmark.

Pursuant to our Village Code, a Public Hearing will need to be held prior to adoption by way of a Class I Public Hearing Notice. The completion of this task by the Village Board will eliminate one of our organizational goals that we've had listed since 2013.

FISCAL IMPACT:

REVIEWED BY:

Kalgen Smith
Village Deputy Treasurer

Initial Project Costs: Administrative
Future Ongoing Costs: N/A
Physical Impact (on people/space): Delineation of proposed roads in the Village
Residual or Support/Overhead/Fringe Costs: Administrative

ATTACHMENTS:

- 1. Road Connectivity Map – To be presented at meeting due to size



VILLAGE OF RICHFIELD

VILLAGE BOARD COMMUNICATION FORM

7e

MEETING DATE: September 17, 2015

SUBJECT: Development of Road Connectivity Map
DATE SUBMITTED: September 10, 2015
SUBMITTED BY: Jim Healy, Village Administrator

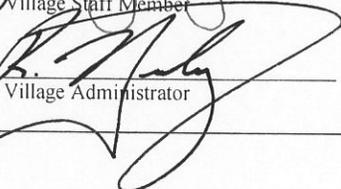
STAFF RECOMMENDATION:

None, informational only.

APPROVED FOR SUBMITTAL BY:



Village Staff Member



Village Administrator

VILLAGE CLERK USE ONLY
BOARD ACTION TAKEN

Resolution No. _____
Ordinance No. _____
Approved _____
Other _____

Continued To: _____
Referred To: _____
Denied _____
File No. _____