

VILLAGE OF GERMANTOWN
N112 W17001 MEQUON ROAD
GERMANTOWN, WI 53022

AMENDED 01/30/15

MEETING: **PUBLIC WORKS & HIGHWAY COMMITTEE**

DATE AND TIME: **TUESDAY, February 3, 2015 ***5:00 P.M.*****

LOCATION: **Germantown Village Hall Board Room**

- I. **CALL TO ORDER:** This meeting has been given public notice in accordance with Wisconsin Statutes, Section 19.83 and 19.84 in such form that will apprise the general public and news media of subject matter that is intended for consideration and action.
- II. **ROLL CALL:** Chairman Kaminski, Trustees Zabel, Vanderheiden and Warren
- III. **APPROVAL OF MINUTES:** January 6, 2015
- IV. **PUBLIC COMMENT:** Please be advised per State Statute Section 19.84(2), information will be received from the public. It is the policy of this municipality that there be a three minute time period, per person, with time extensions per the Chief Presiding Officer's discretion; be further advised that there may be limited discussion on the information received, however, NO ACTION will be taken under public comments.
- V. **UNFINISHED BUSINESS:**
 - A. Request to Fund Sylvan Circle Storm Water Relief
- VI. **NEW BUSINESS:**
 - A. Consideration to Adjust Sewer Invoice – N114 W15101 Vicksburg Avenue
 - B. Authorization to Purchase - Water Utility Truck
 - C. Approval of Water Meter Purchase
 - D. Authorization to Purchase - Well House CL2 Analyzers
 - E. Award of Water Main Contract – Appleton Ave. Extension and Lakewood Condos Relay
 - F. MMSD Presentation of Private Property Infiltration and Inflow Reduction Program
 - G. Maintenance Agreement – Johnson Controls
 - H. Maintenance Agreement – General Communications
 - I. Water Management Agreement – Marine Biochemist
 - J. Authorization to have Washington County Highway Department Paint Centerlines and Edge Lines
 - K. Authorization to Purchase – LED T-8 Lamps for Library
 - L. Authorization to Purchase – Crack Filling Material
 - M. Consideration of 2015 Sealcoat Projects
 - N. Resident Request to Pay Invoice to Replace Asphalt Flume – N104 W20482 Willow Creek Road
 - O. Approve 2014 MMSD Chapter 13 Annual Report
 - P. Approve 2014 WI DNR MS4 Annual Report

- Q. Approval of State/Municipal Agreement for Fond du Lac Ave.-Donges Bay Road Intersection
- R. Village Labor and Equipment Rates – 2015
- ** S. Request to Contract Valbridge Property Advisors to Appraise Utility Easement for Appleton Avenue Water Main Extension
- ** T. Request to Contract Valbridge Property Advisors to Appraise Utility Easement for TID 6 Sanitary and Water Main Extensions

VII. ANNOUNCEMENTS:

The Next Public Works Committee Meeting will be held **Tuesday, March 3, 2015 @ 5:00 p.m.**

VIII. ADJOURNMENT:

***UPON REASONABLE NOTICE**, efforts will be made to accommodate the needs of disabled individuals through appropriate aids and services. For additional information or to request this service please contact the Village Clerk at (262)250-4740 at least 2 days prior to the meeting.*

*** Notice is given that a majority of the Village Board may attend this meeting to gather information about an agenda item over which they have decision making responsibility. This may constitute a meeting of the Village Board per State ex rel. Badke v. Greendale Village Board, even though the Village Board will not take formal action at this meeting.

PUBLIC WORKS & HIGHWAY COMMITTEE MEETING MINUTES

January 6, 2015
Village Hall Board Room

CALL: Chm. Kaminski called the meeting to order at 5:00 p.m.

ROLL CALL: Chm. Kaminski, Trustee Members Zabel, Vanderheiden, and Warren. Also present were Dir. Ludwig, Engr. Bischke, and Secretary Wick.

PREVIOUS MINUTES:

MOTION made by Vanderheiden, seconded by Warren to approve the Minutes of December 2, 2014.

Motion carried unanimously.

MOTION made by Vanderheiden, second by Zabel to move Item "A" under Unfinished Business right after Item "G" under New Business of the Public Works and Highway Committee Meeting Agenda.

Motion carried unanimously.

PUBLIC COMMENT: None

90% PLAN REVIEW AND REQUEST TO SOLICIT BIDS FOR DONGES BAY ROAD

PROJECT: Engr. Bischke reported R.A. Smith National had submitted 90% completed plans to Village staff last month. Review and comments were made and the plans were presented at a Public Informational Meeting held on Jan. 5, 2015.

John Elkin, P.E., R.A. Smith National, gave an overview of the plan incorporating the design requirements established by the Village Board at its' July 21, 2014 meeting. The roadway typical section was defined by 11 foot travel lanes for the west segment from Division Road to Pilgrim Road and 12 foot lanes from Pilgrim Road to Magnolia Drive. The plan maintained the same footprint of the roadway so all of the by-pass lanes and right turn lanes were in the same locations, with the same widths and lengths. Ditches were maintained as design would allow. Poor soils were to be replaced in six areas along the project therefore expanding a wider base of the roadway in which the ditch would slide out a bit. Otherwise, the ditches were in the same horizontal/vertical location as they currently exist. A pathway was shown on the north side of the road from Pilgrim Road to Heritage Hills Parkway. Some areas of the pathway had to be established next to the roadway due to historical and right of way constraints. The Jefferson Ditch culverts will be replaced with one larger culvert.

Bernie Wood, N104 W15652 Donges Bay Road, questioned whether the shoulder was going to be widened or a path installed along the shoulder on the north side of Donges Bay Road between Pilgrim Road and Heritage Hills Parkway. Mr. Elkin of R.A. Smith stated the path was generally on the road in front of the Bruce property which was historical and then went off road through Preserve Parkway and to Heritage Hills where it joined back up by the cemetery. Engr. Bischke questioned if the plan was achieving the two foot shoulder between the bike path

and the drive lane. Mr. Elkin stated there were limitations on the right of way. The path was abutting the road. Mr. Wood stated vehicles were using the pathway when making a right hand turn and suggested improving the intersection with a right hand turn lane. Engr. Bischke noted the intersection could not be improved as Village Board direction was to keep the existing foot print as much as possible and therefore restricted R.A. Smith National from doing intersection enhancements.

Bridget Poetzl, N104 W15447 Donges Bay Road, stated even though the pathway would abut the road in areas, it would give people who are walking west bound or east bound a choice which would provide more safety than just the one pathway that is currently there. Secondly, the new road would be five inches higher than the current road and questioned if all intersections were going to have a five inch transition, the long term impact, and if there would be any cost savings if you kept the grade the same, excavated a little more. Engr. Bischke stated that could only be done if you did a full depth reconstruction which the Village Board directed staff not to do. Mr. Elkin, R.A. Smith National, stated there would be a smooth transition from the main pavement to the side streets where the curb and gutter were matched.

Trustee Warren, stated the plans adhered to the direction of the Village Board. His goal was to also increase safety where it made sense yet remain in the footprint of the Board's wishes and not having to acquire additional right of way or excessive additional expenses to achieve that goal. He referred to those areas as "pinch points" (Hoffns, Kupczak, Keller, & Wood properties) where the sidewalk was up against the side of the road. Trustee Warren suggested the four pinch point areas needed to be looked at with further detail and asked the Engineer to look at alternatives with the understanding of not acquiring additional right of way. Trustee Warren questioned if the road could be shifted or, possibly add an additional 2-3 feet to the northern edge of the existing path which would provide more buffer for the walkers and cyclists. The Jefferson Ditch improvement included extending the culvert by 10 feet and Trustee Warren felt the additional ten feet could be used to get the path behind the beam guard or shift it further to the north to get the pathway off the edge of the road.

MOTION made by Warren, seconded by Zabel requesting staff to direct the consulting engineer R.A. Smith National to evaluate alternatives for the four pinch-point areas to include the Hoffns, Kupczak, Keller and Jefferson Ditch properties to either move the path away or widen the path in those pinch point areas.

Discussion followed on the time frame for the alternative updates.

Motion carried unanimously.

MOTION made by Vanderheiden, seconded by Warren to forward to the Village Board with a positive recommendation to accept the 90% completed plans for the Donges Bay Road project contingent upon the alternative suggestions and solicit bids as follows: year 2015 – Donges Bay Road (Division Road to Pilgrim Road) and year 2016 – Donges Bay Road (Pilgrim Road to Magnolia Drive).

Trustee Zabel questioned the pulverizing and overlay and the possibility of undercutting in those areas and finding that it may not be necessary. In reality what you may find in the field is

that you don't have to go that far. Can modifications be made with the culverts so they don't have to be moved out from where they were and avoid undercutting? Engr. Bischke stated his staff would be inspecting and making those changes based on proof roll. The only issue is based on the sequencing of work by the contractor. Sometimes the culverts are done first before the roadway. Trustee Zabel stated it should be looked at. Soil boring data was not always accurate and it is assumed undercutting 50-100ft. around that point generally needs to be removed. Some areas are right on the edge and it wouldn't be known until you pulverize the pavement and look at the culvert. Engr. Bischke stated it would be more expensive to switch the contractor's historical sequence but, the contract could be written to accommodate the wishes of the Village Board. Trustee Warren stated the more we try to dictate prosecution of the contractor which deviates from the standard means and methods, the more the Village is going to pay for the project. In closing, Trustee Zabel believed if you didn't have to do any more work than what you have to do there will be a cost savings. Trustee Warren asked that everyone trust the Engineers and follow the standards set forth. Trustee Vanderheiden reminded the Committee that Trustee Zabel's concerns had to do with the actual construction not with the design of the project. The contract had not been awarded and therefore we would not know the contractor's procedure. Engr. Bischke added construction did coincide with design as the engineer needed to know where to put the culvert. The culvert design was based on a full depth reconstruction. At a second location, Trustee Zabel's suggestion for the 36 inch culvert going across, would be to install a precast 4x3 inlet structure, put the two pipes into the structure which would eliminate your temporary easement and "driveway stuff" allowing it to be easier to get in there and get done and work within the ditch line.

Trustee Warren noted, we don't want to construct more than we have to which is true, yet, the designer determined the limits of the undercutting which is the reconstruct area based on geotechnical investigation. There were 40 borings drilled along the entire corridor and it was found that 40% of the area needed to be reconstructed based on those borings. When construction is actually taking place, things could be different. Proof rolling will be the final determination as to whether there were fewer areas that needed to be reconstructed and areas that you wouldn't need to redo culverts. You cannot second guess the findings and then have to re-write the specifications.

Motion carried unanimously.

Bernie Wood, N104 W15652 Donges Bay Road, questioned why it was necessary to get a temporary easement on his property when there was an 18 foot wide area west of the center line of the Jefferson Ditch. Mr. Elkin, R.A. Smith National, stated as they discussed this question at Monday's Public Informational Meeting, they would look at reducing the approach and encourage the contractor to approach from the west to access that area. Any time you put a culvert in that big, you do have to provide a working area and will try to protect as much of the area as possible. Easement documents will be provided to the homeowner prior to any work being done.

AUTHORIZE SIGNATURE & RECORDING WATER MAIN EASEMENT – HILLSTONE APARTMENTS-FOND DU LAC AVENUE: Engr. Bischke reported the Public Works Committee determined the fire hydrant servicing the multi-family development should be public even though it is on private property. Therefore, an easement agreement was drafted and its form and content approved by the Village Attorney.

MOTION made by Vanderheiden, seconded by Warren to forward to the Village Board with a positive recommendation authorizing the Village President to sign and Clerk to record the public water main easement for the Hillstone Apartments project on Fond du Lac Avenue.

Motion carried unanimously.

REQUEST TO ACCEPT IMPROVEMENTS – 2014 ROAD PROJECTS: Engr. Bischke reported staff inspected the completed road improvements. Punch list items included: Surface reshaping on the west end of Elm Lane, Riversbend Lane to be moved to the year 2015 contract, Willow Creek Flume replacement, Willow Creek driveway access apron which serves multiple properties, and TIF #4 surface lift. Discussion followed on price decreases and working with the contractor to make sure discounts apply.

MOTION made by Zabel, seconded by Warren to accept the improvements for the 2014 Road Projects contingent upon retaining funds for the incomplete portions of the contract (punchlist) and retaining 2.5% for the one year warranty period.

Motion carried unanimously.

REQUEST TO ACCEPT IMPROVEMENTS – ALT BAUER PARK PARKING LOT: Engr. Bischke reported the completed components of the project had been inspected by staff and satisfied Village requirements. Surface lift and restoration will be completed in Spring, 2015.

MOTION made by Warren, seconded by Kaminski to accept the completed improvements of the Alt Bauer Park Parking Lot and retain \$1,617.70 for the one year warranty.

Trustee Vanderheiden questioned why you would accept improvements when the surface lift and restoration were not completed? Engr. Bischke stated acceptance would allow the release of the retainer for the completed portion of the work.

Motion carried 3 – 1 (Vanderheiden)

REQUEST TO RELEASE RETAINER – WAGO/FREISTADT STORM SEWER RELAY: Engr. Bischke reported the Wago/Freistadt Storm Sewer Relay project was completed in 2013. The Engineering Dept. staff re-inspected the completed work and found it continued to satisfy Village Requirements.

MOTION made by Warren, seconded by Vanderheiden authorizing the release of the retainer in the amount of \$339.35 to Willkomm Excavating for the Wago/Freistadt Storm Sewer Relay.

Motion carried unanimously.

AUTHORIZE CONTRIBUTION TO “RESPECT OUR WATERS” STORM WATER POLLUTION PUBLIC EDUCATION EFFORT: As part of the NR216 Permit requirements, this contribution is pooled with other southeast WI Municipalities and non-government organizations providing storm water pollution public education effort.

MOTION made by Vanderheiden, seconded by Zabel authorizing the contribution of \$3,000 toward the Year 2015 “Respect or Waters” storm water pollution public education effort with funds allocated from Acct. #10-541-530-4310.

Motion carried unanimously.

PROJECT UPDATE – FREISTADT/MAPLE ROADS INTERSECTION IMPROVEMENTS: Engr. Bischke stated the Public Works Committee reviewed the project updates to improve the intersection noting signalization was not necessary for another 10 years. Interim recommendations included converting the two miles to a two-way left turn lane, install left turn lanes at the intersections, and install signage and road striping. Estimated costs for the improvements were \$136,532.00. This was half the cost of what was budgeted for signalizing the intersection. Graef's analysis had saved the Village approximately \$135,000. Intersection design will be out for bid in April, 2015. Suggested was looking at including the seal coat portion of the intersection project with the yearly Seal Coat Projects.

REQUEST TO FUND SYLVAN CIRCLE STORM WATER RELIEF: Dir. Ludwig stated David Kusper, owner of a building on Sylvan Circle experienced localized flooding since the 1980's. This topic was discussed at the Nov., 2013 Public Works meeting looking for mechanisms to fund the project and ownership of property. It was the opinion of the Village's attorney that the storm sewer was public even though it crossed quite a bit of private property. The project proposed to abandon 180 feet of collapsed storm sewer and install 240' of twin 12" diameter pipes, install 295' of 24" diameter pipe in the public right of way and, relay 26' of 15" diameter concrete existing storm sewer pipe. Dir. Ludwig stated the project was not funded in 2015 but suggested the Committee consider using the available balance of funds from the Freistadt/Maple Roads Intersection Capital Improvements Acct #40-541-570-8909. An estimate of \$65,000 was received from D.F. Tomasini for the installation of the piping but many incidentals were not. Discussion included;

- Staff had excavated and opened the pipe in the grassy area. Staff eliminated the materials at the outfall of pipe and the pipe still fills with water. Realigning the pipe will create some positive pitch as long as 26' of the concrete storm sewer is reconstructed near the outfall;
- There is sufficient capacity for drainage of the basin within the right of way area.
- Engr. Bischke performed a Storm Water/Hydrology analysis of the area and referenced the map attachments on the backup material. Typically you design to handle a 100 year event.

- Currently the storm sewer goes diagonally through the private parking lot. There are no easement documents allowing access. It is assumed the pipe under the private parking lot had failed. Who's responsible to fix the pipe, the Village, or property owner who built the building and enclosed the ditch?
- Discussion was held on the design presented to the Committee. One design would shorten the distance and the length of the pipe yet, would increase asphalt costs by repairing a parking lot vs. piping within the right of way and replacing curb.
- Actual costs to repair the private parking lot were not available but were estimated to be less than \$80,000.
- Trustee Zabel suggested if the Village corrects the storm water issues, an easement document shall be drafted for the existing pipe on private property. Also considered should be a possible cost share agreement.

Dir. Ludwig clarified a utility was installed. It's draining public roads using public inlets and the Village goes through a private property. The Village has the right to maintain that public utility. Based on past experience and other community directives, the Village should be responsible for the public storm water going through private properties.

Dave Kusper, owner of the property on Sylvan Circle, recalled at the November, 2014 meeting that documents were found. Dir. Ludwig had found documents that the Village accepted the road plans and plat which included storm sewer. Where the storm sewer was directed was not totally identified as far as the outfall. Mr. Kusper reported the drainage issues to the Village for multiple years. DPW would backhoe the area and the drainage would be fine for a couple of years. This took place 3-4 times. In 2013 the Village installed new water lines (storm sewer?) and believed the sand and sediment made the sediment in the pipe worse causing the area to flood more often. Engr. Bischke explained the existing pipe was undersized. Proper engineering today, pipes are intended to convey a 10 year storm event (4 inches of rain). This location does not have enough capacity to convey a 100 year event conveyed to swales. The pipes have to be sized to convey the 100 year event to get the water out of the sag.

MOTION made by Zabel, seconded by Kaminski to postpone action on the funding of the Sylvan Circle Storm Water Relief until asphalt costs were investigated along with funding options and/or cost sharing.

Trustee Vanderheiden suggested a 10% assessment to the property owner which would cover the costs of the Village going through the parking lot. He preferred the piping be in the public right of way and not encumber a private property. The owner would then gain the benefit of constructing garages. Mr. Kusper noted the drainage issues were an area wide problem and not just his problem.

Motion carried unanimously.

ACCEPTANCE OF IMPROVEMENTS – CARRIAGE HILLS APARTMENTS: Dir. Ludwig reported Carriage Hills Apartments had a contaminated well and proceeded to extend public water main from Williams Drive to Park Avenue. The improvements were inspected and tested and the owner was in the process of abandoning the existing well. Staff requested

accepting improvements, reducing the surety and begin the one year warranty period. A water main easement was received and recorded by the Village.

MOTION made by Zabel, seconded by Warren to accept the public water main improvement for Carriage Hills Apartments on Park Avenue, reduce the surety to \$11,680.00, and begin the one year warranty period.

Motion carried unanimously.

RECOMMENDATION ON PROPOSAL FOR SOLID WASTE COLLECTION/DISPOSAL AND RECYCLING CONTRACT:

Dir. Ludwig requested proposals for a five year contract from three disposal services. The contractors were given two alternatives for the solid waste collection. 1) Non-automated 2) automated. Three bids were received. Of the three, it was found that the automated solid waste collection was the less expensive alternative. The Village's current contract includes a guaranteed yearly \$75,000 rebate to the Village for recycling materials. Under the new terms, if the Village allows the contractor to keep the \$75,000 over a five year period, the Village would have a yearly revenue savings of approximately \$2,800 per year totaling \$14,000 over the five year contract. Waste Management was the lowest of the three bids. Dir. Ludwig did note that Advanced Disposal would not bid on the new contract based on the current contract services. John's Disposal bids had increased fuel and time charges as they were the furthest away. Changes to the non-automated portion of the contract included reducing the weight restrictions from 80 lb. limit to a 60 lb. limit. Automatic services did not specify a cart size.

Tony Knoeck, Public Sector Rep. for Waste Management, stated more and more municipalities (approx.. 80%) were converting to fully automated services. There was a cost savings on insurance, liability, and safety as the drivers did not exit the truck. The automated feature was more efficient. Recommended cart size was 96 gallon for recycling and at least 64 gallon for trash. A 96 gallon trash cart was an option. Trustee Zabel voiced concern for residents who left town especially Friday pickups where currently their one bag of trash is picked up. If the automated feature was in place, the cart would sit at the curb all weekend. Also noted was Waste Management's proposal did not offer bulk pickup and the other two proposals did not specify a fuel surcharge. Dir. Ludwig noted he asked all three contractors not to consider a fuel surcharge at this point in time. Mr. Knoeck stated the bulk pickup was currently offered in the Village's contract and would continue with that option and also offered a landfill drop-off at a minimal fee, and an annual bulk item pickup day at no additional cost if the automated solid waste feature was chosen.

MOTION made by Kaminski, seconded by Zabel authorizing staff to work on a five year Solid Waste and Recycling Contract with Waste Management with the non-automated solid waste feature and automated recycling feature.

Tony Knoeck, Public Sector Rep. for Waste Management, stated the Village could change the solid waste pickup from non-automated to automated any time during the 5 year contract at the same rates during the contract period. The current cost savings with automated solid waste pickup vs. non-automated was approximately \$37,000 per year.

Motion carried unanimously.

Trustee Zabel stated recycling only required the Village to service 4 units or less. Five units or greater we did not have to pick up. Currently Waste Management picks up approximately 5400 units for garbage and 7700 units for recycling. If the Village chooses to discontinue recycling service for residential units greater than 4, the Village would need to notify the owners that the Village was thinking about eliminating the recycling part of their contract. Research five years ago found one or two apartments that had other companies picking up their recycling. If the Village wanted to save money, we have the right to reduce the \$4.00 per unit, greater than four units on the recycling side and save \$4,000 per month. Trustee Zabel wanted to know how many apartments the Village serviced and believed the easiest way to obtain that information was through the Village's sewer and water bills where the apartment owner got charged on a per unit basis. Trustee Zabel felt the additional 2300-2700 units for recycling could amount to quite a few less the Village would need to pay for. Mr. Knoeck, W.M. stated he would be able to research the Master Account which was tied to the Village of Germantown Condo's, apartments, and duplexes.

ANNOUNCEMENTS: The regular Public Works Committee Meeting will be held Tuesday, February 3, 2015 at 5:00 p.m.

ADJOURNMENT: There being no further business, the meeting was adjourned at 7:15 p.m.

A handwritten signature in cursive script, appearing to read "Janice Wick", written in dark ink. The signature is fluid and extends horizontally across the line.

Janice Wick, Recording Secretary

**BUSINESS OF THE PUBLIC WORKS & HIGHWAY COMMITTEE
GERMANTOWN, WI**

MEETING DATE: February 3, 2015

AGENDA ITEM: Unfinished Business

ITEM TITLE: Request to Fund Sylvan Circle Storm Water Relief

SUBMITTED BY: Brionne R. Bischke, P.E., Village Engineer 

SUMMARY EXPLANATION:

During the Jan. 6, 2015 meeting, the Committee postponed this agenda item until this meeting to allow staff to collect additional information.

This prospective storm sewer project's purpose is to reasonably mitigate flooding occurring in the sag of Sylvan Circle because it threatens nearby apartment buildings, garages, vehicles and other stored personal properties.

The Committee during last month's discussion asked staff to develop a comparison of cost-estimates for two alternatives, which follows:

Alt. #1: Shortest alignment through parking lot	Alt #2: Straddle Sylvan &Montgomery ROWs
\$59,000± ^{1,2}	\$65,000±

¹ \$53,600± + \$5,400± parking lot pavement removal/replacement

² Prohibits future building construction in parking lot area

ATTACHMENTS:

Exhibits for Alt. #1 & #2

STAFF RECOMMENDATION TO COMMITTEE:

Either 1) proceed with Alt. #1, or 2) proceed with Alt. #2 contingent upon property owner paying for \$6,000± difference between Alt. #2 and #1.

COMMITTEE ACTION:

Proper parliamentary procedure to deny a request is to have a motion made in the affirmative and by voting NAY would deny the request if a majority vote.



Catie Vista Alt 1

DISCLAIMER:

This map is not a survey of the actual boundary of any property this map depicts.

The Village of Germantown Does not guarantee the accuracy of the material contained here in and is not responsible for any misuse or misrepresentation of this information or its derivatives.

Village of

Village Of Germantown
 N112 W17001 Mequon Road
 Germantown, WI 53022
 262-250-4700



SCALE: 1" = 50'

Print Date: 1/14/2015



Catie Vista Alt 2

Village of Germantown
N112 W17001 Mequon Road
Germantown, WI 53022
262-250-4700



DISCLAIMER:

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SCALE: 1" = 50'

Print Date: 1/14/2015

**BUSINESS OF THE PUBLIC WORKS & HIGHWAYS COMMITTEE
GERMANTOWN, WI**

MEETING DATE: February 3, 2015

AGENDA ITEM: New Business

ITEM TITLE: Consideration to Adjust Previous Sewer Invoices for N114 W15101-03 Vicksburg Ave.

SUBMITTED BY: Dan Ludwig, P.E., Director of Public Works

SUMMARY EXPLANATION:

Renee and Scott Pfaff live in a duplex at N114 W15101-03 Vicksburg Avenue for the past 10 years. The Pfaffs purchased the duplex in September 2014 and noticed a toilet running in the "other" unit. Since doing the repair they noticed the water consumption was reduced by 52,000 gallons from the previous quarter. The Pfaffs split the water/sewer bill with the adjacent neighbor and prior to purchasing the duplex had no idea the toilet was running continuously. There is only 1 water meter for this duplex.

Looking at the Utility Billing Activity Report the 5 quarters prior to the 4th quarter of 2014 had out of average flows. The 5 quarters are the 3rd quarter of 2013 through the 3rd quarter of 2014 which are considered for a rebate. The four quarters from the 3rd quarter of 2012 through the 2nd quarter of 2013 were used as the average flow and used to calculate the quantity of over average water use. The estimated wasted flow during the five quarters of over average use was 110,500 gallons. In the past the Public Works Committee considered a rebate for half of the sewer invoice because half of a sewer invoice is sent directly to MMSD and therefore was not reimbursable. Half of the overage flow is 50,250 gallons and at \$6.285 per 1000 gallons equals the requested credit of \$347.25.

ATTACHMENT: ORDINANCE____ RESOLUTION____ OTHER X

Utility Billing Activity report for N114 W15101 Vicksburg Avenue.
Email from Renee Pfaff

RECOMMENDATION:

Staff is looking to the Public Works Committee for direction with regard to allow a reduction to previous sewer invoices for Renee and Scott Pfaff at N115 W15101-03 Vicksburg Avenue.

COMMITTEE ACTION:

Proper parliamentary procedure to deny a request is to have a motion made in the affirmative and by voting NAY would deny the request if a majority vote.

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VILLAGE OF GERMANTOWN
UTILITY BILLING ACTIVITY

PAGE 1

DATE RUN: 01/21/15
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VILLAGE OF GERMANTOWN
UTILITY BILLING ACTIVITY

PAGE

FROM DATE: 12/01/2010
TO DATE: 01/21/2015

FROM DATE: 12/01/2010
TO DATE: 01/21/2015

DATE	ACTIVITY DESCRIPTION	READ TYPE	QUANTITY	AMOUNT
0023306700-00	RENEE & SCOTT PFAFF	N114 W15101-03 VICKSBURG AVE		
12/30/10	PREVIOUS BALANCE			3.29
12/30/10	WATER	ACT	39	98.64
12/30/10	SEWER	ACT	39	240.33
01/20/11	PAYMENT:			342.26
03/31/11	WATER	ACT	38	96.48
03/31/11	SEWER	ACT	38	235.58
04/21/11	PAYMENT:			332.06
06/30/11	WATER	ACT	47	115.92
06/30/11	SEWER	ACT	47	264.09
07/25/11	PAYMENT:			380.01
09/30/11	WATER	ACT	42	105.12
09/30/11	SEWER	ACT	42	292.79
10/18/11	PAYMENT:			397.91
12/29/11	WATER	ACT	39	98.64
12/29/11	SEWER	ACT	39	276.40
01/18/12	PAYMENT:			375.04
03/30/12	WATER	ACT	42	105.12
03/30/12	SEWER	ACT	42	336.71
04/12/12	PAYMENT:			441.83
06/29/12	WATER	ACT	54	131.04
06/29/12	SEWER	ACT	54	368.14
07/17/12	PAYMENT:			499.18
09/28/12	WATER	ACT	52	126.72
09/28/12	SEWER	ACT	52	368.14
10/17/12	PAYMENT:			494.86
12/28/12	WATER	ACT	44	109.44
12/28/12	SEWER	ACT	44	349.28
01/18/13	PAYMENT:			458.72
03/28/13	WATER	ACT	45	111.60
03/28/13	SEWER	ACT	45	355.57
04/19/13	PAYMENT:			467.17
06/28/13	WATER	ACT	53	128.88
06/28/13	SEWER	ACT	53	393.28
07/16/13	PAYMENT:			522.16
09/30/13	WATER	ACT	65	154.80
09/30/13	SEWER	ACT	65	393.28
10/17/13	PAYMENT:			548.08
12/30/13	WATER	ACT	61	146.16
12/30/13	SEWER	ACT	61	456.13
01/22/14	PAYMENT:			602.29
03/31/14	WATER	ACT	71	172.45
03/31/14	SEWER	ACT	71	518.98
04/22/14	PAYMENT:			691.43
06/30/14	WATER	ACT	60	148.03

#6.285, 1000
2011 - volumetric
= 2014 sewer rate

#36.37/month
meter rent

5 Quarters - since flow increased from "Normal"

96 3rd 14 550.40 47.50 * Average normal flow = 48,500
60 2nd 14 449.84 11.50
71 1st 14 518.98 22.50

61 4th 14 456.13 12.50
65 3rd 13 373.28 16.50 *
(481.27)
Flow
= AVE
48,500

10.5 - average for 5 quarters
x .5
55.25 x 6.285 = \$347.25 possible rebate

Lodes like flows increased from "normal" during the 3rd quarter of 2013.

* Summer averaging lower these invoices

Dan Ludwig

From: Scott Pfaff [scpfaff@gmail.com]
Sent: Wednesday, January 21, 2015 11:52 AM
To: Dan Ludwig
Subject: Concerns over a tenants non report of running toilet for years

Dear Mr. Ludwig,

I was told to contact you by a gentleman from the water utilities department. I apologize, I did not get his name.

Not exactly sure how to go about this, but I will try to explain our situation to the best of my ability. My husband and I have lived in a duplex here in Germantown for 10 years. The residents of the other side have lived there for almost 6 years. We have a shared water meter and have split the bill based on number of people in each family. Our family has more so we were paying, I believe, 62 or 63% of the water bill. They were paying the other 38 or 37%.

When they moved in they were aware of a running toilet and told the landlord. I'm not exactly positive of when it was fixed, but either the landlord or the tenants father came and did something to the toilet. Over the following years our water bill continued to get extremely higher and higher. Obviously between the summer and winter billing cycles there were differences in the amount, but still continued to steadily rise.

We knew we paid more because of the number of people in our family, and in 2012 added another child. Our percentage due went up. But the overall bill just seemed to be quite high even considering the amount of total people in the duplex.

My husband made sure our side didn't have any leaks or anything that should be fixed, trying to be responsible renters and do what we could to remedy this situation.

In September of 2014 we bought the duplex. As new landlords, we went to do an inspection of the tenants side and heard a running toilet. When asked how long it had been like this, we were told a FEW YEARS! My husband asked if they thought that was the cause of the extremely high water bills and all they said was "well, maybe, but Sara (the previous landlord) never came to fix it." We asked if they even told her about it and they replied that did a few years ago, but never bought it up again!!

Needless to say, the next day my husband fixed the toilet and told them there was sure to be a noticeable difference in the next bill. Our water bill in October was \$778.35 and our water bill from this last cycle (January's) was \$461.79, a difference of of \$316.56!!! We were floored at the difference. When we confronted them about the difference and that they have cost of probably hundreds of dollars over the past how ever many years, they were appalled at our accusations.

We talked to a friend who's a plumber and he mentioned that sometimes you can be reimbursed for the sewer portion of the bill because the excess water charges were from "clean" water. I didn't know anything about how or if this might be possible, but I decided it's worth a shot.

That's when I called the water department yesterday and was told to write a letter to you and see about the possibility of getting this on the next city agenda. I have no idea how any of this would work, or even if possible. But, again, I thought this was at least worth a try.

Please let me know what might be done or if there is anything or anyone you could even point us to.

Thank you so much for your time!

Sincerely,
Renee Pfaff

N114w15101 Vicksburg Ave.
Germantown, Wi. 53022.

Scott Pfaff contact number 262-573-9446

**BUSINESS OF THE PUBLIC WORKS & HIGHWAYS COMMITTEE
GERMANTOWN, WI**

MEETING DATE: February 3, 2015

AGENDA ITEM: New Business

ITEM TITLE: Consideration of Purchase – 2015 CHEVROLET 2500 HD Truck

SUBMITTED BY: Jim Driver, Water Utility Superintendent

SUMMARY EXPLANATION:

The Water Utility is requesting authorization to purchase a 2015 Chevrolet Silverado 2500 HD truck. Three bids were solicited and the results are as follows.

Bob Fish	West Bend, WI	\$34,734.00
HOLZ Motors	Hales Corners, WI	\$35,758.00
Bergstrom Automotive	Milwaukee, WI	\$38,690.00

ATTACHMENT: ORDINANCE _____ RESOLUTION _____ OTHER x

RECOMMENDATION:

Staff recommends purchasing the 2015 Chevrolet Silverado from Bob Fish as he is the low bidder

Staff recommends allocating \$34,734.00 from the 2015 capital budget (50-180-183-3920)

COMMITTEE ACTION:

Proper parliamentary procedure to deny a request is to have a motion made in the affirmative and by voting NAY would deny the request if a majority vote.

**BUSINESS OF THE PUBLIC WORKS AND HIGHWAY COMMITTEE
GERMANTOWN, WI**

MEETING DATE: February 3, 2015

AGENDA ITEM: New Business

ITEM TITLE: Authorization to Approve A Blanket Purchase Order for the
Budgeted Purchase of Water Meters

SUBMITTED BY: Jim Driver – Water Superintendent

SUMMARY EXPLANATION:

The Water Utility is requesting authorization for a blanket Purchase Order for the year 2015 budgeted amount of \$175,000 to purchase water meters.

ATTACHMENT: ORDINANCE____ RESOLUTION____ OTHER X

RECOMMENDATION:

Staff recommends approval of a blanket Purchase Order in the amount of \$175,000 for the continuing purchase of water meters on a time and need basis. Funds to be allocated from the 2015 Capital Budget Acct. #50-180-183-3460.

COMMITTEE ACTION:

Proper parliamentary procedure to deny a request is to have a motion made in the affirmative and by voting NAY would deny the request if a majority vote.

BUSINESS OF THE PUBLIC WORKS & HIGHWAYS COMMITTEES
GERMANTOWN, WI

MEETING DATE: February 3, 2015

AGENDA ITEM: New Business

ITEM TITLE: Purchase of (5) five online Cl2 Analyzer for Well houses

SUBMITTED BY: Jim Driver, Water Utility Superintendent

SUMMARY EXPLANATION:

The Water Utility is requesting the approval to purchase (5) five online Cl2 Analyzers for reporting chlorine levels entering the distribution system. These are to replace existing analyzers that have become a large maintenance problem. Only two bids are presented because we want to buy a specific brand to standardize with the analyzer in well #4, and not have a mix of equipment.

Two bids were solicited, the results are as follows.

Hach Company	Loveland, CO	\$16,615.00
USA Bluebook	Gurnee, IL	\$18,598.47

Attachment: Ordinance_____ Resolution_____ Other_____

Recommendation:

Staff recommends purchasing the Cl2 Analyzers from Hach Co. because they are the low bid, and also they manufacture the product.

Staff recommends allocating \$16,615.00 from the capital budget (50-180-183-3210)

COMMITTEE ACTION:

Proper parliamentary procedure to deny a request is to have a motion made in the affirmative and voting NAY would deny the request if a majority vote.

**BUSINESS OF THE PUBLIC WORKS & HIGHWAY COMMITTEE
GERMANTOWN, WI**

MEETING DATE: February 3, 2015

AGENDA ITEM: New Business

ITEM TITLE: Award of Water Main Contract – Appleton Ave Extension and Lakewood Condos Relay

SUBMITTED BY: Brionne R. Bischke, P.E., Village Engineer 

SUMMARY EXPLANATION:

The purpose of the Appleton Ave. extension project is to progress via Phase 2 a loop from the existing dead end segment in Appleton Ave. to the Hwy. 41/45-Lannon Rd. interchange crossing, both of which were previously installed in Year 2014. Past significant milestones that relate to the Appleton Ave. water main extension project include:

1. 1st Consultant Recommendation (Nov., 2003)
2. 2nd Consultant Recommendation (Sep., 2012)
3. Concept Authorization (Public Works & Highway Committee, Mar. 5, 2013)
4. Phase 1 Contract Award (PWHC, Mar. 10, 2014)
5. Phase 1 Contract Award (Village Board, May 19, 2014)

The purpose of the Lakewood Condos relay project is to systematically continue to reduce water main break disruptions by replacing ductile iron pipe under attack by acidic soils with HDPE or PVC pipe which is resistant to acidic soils. Past significant milestones that relate to the present Lakewood Condos water main relay project include:

1. Concept Authorization, Lake Park Homes (PWHC, Aug. 4, 2009)
2. Contract Award, Lake Park Homes (PWHC, Oct. 13, 2009)
3. Contract Award, Lake Park Homes (VB, Oct. 19, 2009)
4. Contract Award, Lake Park East-West (PWHC, Oct. 5, 2010)
5. Contract Award, Lake Park East-West (VB, Oct. 18, 2010)
6. Concept Authorization, Lake Park West (PWHC, Apr. 5, 2011)
7. Contract Award, Lake Park West (PWHC, Jul. 5, 2011)
8. Contract Award, Lake Park West (VB, Jul. 18, 2011)
9. Contract Award, Francese/Sylvan (PWHC, Mar. 6, 2012)
10. Contract Award, Francese/Sylvan (VB, Mar. 19, 2012)

Significant project bidding and contracting milestones follow:

Open Bids:	January 30, 2015
Public Works & Highway Committee (PWHC) Review:	February 3, 2015
Village Board (VB) Review:	February 16, 2015
Award Contract (assuming PWHC & VB approval):	February 16, 2015
Preconstruction Meeting:	No later than one week before construction
Probable Start of Construction:	CONTRACTOR's Gantt Chart
Final Completion of Projects:	Before October 15, 2015
PWHC Acceptance of Improvements	Next available meeting after Final Invoice and Lien Waiver
PWHC Release of Retainer:	One year after Acceptance of Improvements

**BUSINESS OF THE PUBLIC WORKS & HIGHWAY COMMITTEE
GERMANTOWN, WI**

The Bid Form's bid items follow:

PROJECT #1216 SCOPE: 2,700± l.f. 12” dia. water main extension in Appleton Ave. from 3,150± southeast of the Appleton Ave./Lannon Rd. intersection toward the same intersection, via open trenching and/or boring					
NO.	ITEM	UNIT	PERCENTAGE OF 2,700 l.f.	UNIT PRICE	EXTENDED AMOUNT
A01	Trenching methodology, all-inclusive/all-incidentals excluding rock removal	L.F. (Mainline)			
A02	Boring methodology, all-inclusive/all-incidentals excluding rock removal	L.F. (Mainline)			
A03	Rock removal, all-inclusive/all-incidentals, 200 c.y.	C.Y. (In-situ)	N/A		
A10	SUBTOTAL (A01+A02+A03)				
PROJECT #1412 SCOPE: 1,050± l.f. of 8” dia. water main relay from 900± south of the Western Ave. – Main St. intersection toward the east along the north shore of the lake, via open trenching and/or boring					
NO.	ITEM	UNIT	PERCENTAGE OF 1,050 l.f.	UNIT PRICE	EXTENDED AMOUNT
B01	Trenching methodology, all-inclusive/all-incidentals excluding rock removal	L.F. (Mainline)			
B02	Boring methodology, all-inclusive/all-incidentals excluding rock removal	L.F. (Mainline)			
B03	Rock removal, all-inclusive/all-incidentals, 100 c.y.	C.Y. (In-situ)	N/A		
B10	SUBTOTAL (B01+B02+B03)				
PROJECT #1413 SCOPE: 1,050± l.f. of 8” dia. water main extension from 1,050± south of the Western Ave. – Main St. intersection toward the east along the north shore of the lake, via open trenching and/or boring					
C10	TOTAL (A10+B10)				

Project elements may include water main extension; water main/lateral abandonment and relay; pavement removal and replacement; landscaping; erosion control; traffic control; bedrock removal; and misc. related elements.

ATTACHMENTS: None

STAFF RECOMMENDATION TO COMMITTEE:

Since bids are due Jan. 30th, a Bid Tabulation including recommendation will be submitted to Committee members after Jan. 30th.

COMMITTEE ACTION:

Proper parliamentary procedure to deny a request is to have a motion made in the affirmative and by voting NAY would deny the request if a majority vote.

**BUSINESS OF THE PUBLIC WORKS & HIGHWAY COMMITTEE
GERMANTOWN, WI**

MEETING DATE: February 3, 2015

AGENDA ITEM: New Business

ITEM TITLE: MMSD Presentation of Private Property Infiltration and Inflow Reduction Program

SUBMITTED BY: Daniel R. Ludwig, P.E., Director of Public Works
Brionne R. Bischke, P.E., Village Engineer



SUMMARY EXPLANATION:

Since this MMSD program's inception in Year 2010, the Village only used and expended \$65,599 of the \$885,615 available to date, leaving the significant \$820,016 remainder for use.

A motion from the Public Works & Highway Committee's Sep. 6, 2011 remains standing and requires follow-up Village Board action:

MOTION made by Vanderheiden, seconded by Kaminski to forward to the Village Board with a positive recommendation the Ordinance repealing and recreating Subsection 13.29(8) of the Germantown Code of Ordinances relating to the regulation of private sanitary sewer laterals. Motion carried 3-1 (Zabel).

The DPW Director and Village Engineer have asked the MMSD's Program Manager Mr. Jerome Flogel to give a presentation to the Committee to describe the overall program and to share how other municipalities within the MMSD District are administering the program.

The purpose of the presentation is to revive development and implementation of a sustainable program in the Village with the MMSD allocated funds available.

Relevant Public Works & Highway Committee discussions and actions include:

1. Results of April I&I Study (PWHC, Nov. 1, 2011)
2. Lateral Inspection Ordinance – Final Draft (PWHC, Sep. 6, 2011)
3. Lateral Inspection Ordinance – Final Draft (PWHC, Aug. 2, 2011)
4. Review of Lateral Inspection Ordinance – Final Draft (PWHC, Jun. 7, 2011)
5. Lateral Inspection Ordinance Development (PWHC, Dec. 5, 2006)

ATTACHMENTS:

1. Tim Zimmerman staff memo (Aug. 2, 2011)
2. Proposed ordinance

STAFF RECOMMENDATION TO COMMITTEE: TBD

COMMITTEE ACTION:

Proper parliamentary procedure to deny a request is to have a motion made in the affirmative and by voting NAY would deny the request if a majority vote.

**BUSINESS OF THE PUBLIC WORKS & HIGHWAYS COMMITTEE
GERMANTOWN, WI**

MEETING DATE: August 2, 2011

AGENDA ITEM: Unfinished Business

ITEM TITLE: LATERAL INSPECTION ORDINANCE FINAL DRAFT

SUBMITTED BY: Timothy K. Zimmerman – Wastewater Superintendent

SUMMARY EXPLANATION:

The Village owns, maintains, and operates 86 miles of sewer mains. These pipes are located beneath Village streets or in Village easements. Eighty percent of the Village-owned sewer mains are eight inches in diameter. The pipes (laterals) connecting homes and businesses to the sewer mains are privately owned. It is the responsibility of the property owner to maintain the sewer laterals. Staff estimates that there are at least 114 miles of privately-owned sewer laterals in the Village.

Although the Germantown Municipal Code Section 13.29(6) (c), User to Keep in Repair, Etc., identifies that it is the property owner's responsibility to maintain the laterals; in actuality, very little attention is given to these pipes unless they fail. Poorly maintained laterals allow roots to grow into them. This, in turn, requires a plumber to remove the roots. Once removed, roots are sometimes released into the Village owned pipes, where they cause a blockage or sewage spill. National statistics show that blockages caused by roots are the leading cause of dry weather spills in the publicly maintained part of the system.

Poorly maintained laterals also allow groundwater and rainwater into the sewer system during wet weather. In other communities, it has been estimated that up to eighty percent of the rainwater entering the wastewater collection system is coming from private properties. Since the wastewater collection system is designed to carry only wastewater from the inside of homes, and because the majority of the Village's sewer mains are only eight inches in diameter, the system can be overwhelmed by rainwater entering the system.

To address the problems created by the inadequate maintenance of privately owned laterals, staff is proposing an ordinance that would require inspection of laterals with certain key triggers. At this time, staff believes that the triggers for all properties served by sanitary sewer should include the following:

- Sale of property;
- After a spill from the private lateral that reaches the public right-of-way; and

— upon sale by County?

— Redundancy is ok?

- Upon identification of defects during routine collection system inspection (smoke testing, dye-water injection, and CCTV inspection).

One of staff's concerns while drafting the Sewer Lateral Inspection Program Ordinance is the potential impact to homeowners due to a large unplanned expense, such as lateral replacement. By attaching the inspection requirements to major transactions, such as the sale of a home, staff believes that homeowners will be better able to absorb these costs. Sewer laterals that are failing or adversely affecting the Village sewers represent a threat to public health and must be repaired or replaced.

Sewer line inspection is expected to cost about \$200 per property. Typically, replacement of a lateral on residential property is expected to cost \$2,000 to \$8,000, but there are many factors, such as depth and surface encroachments, that can increase this cost substantially. These costs are proportionate to the costs of re-roofing a home requiring a full tear off. Properties with polyvinyl chloride sewer lines (PVC) that have been installed in the past 10 years will not be required to have the inspection performed, unless they are identified as failed through inspection or spill. Properties that have been inspected and found to be in good condition within the past 10 years will also not be required to perform the inspection.

The attached draft contains the changes requested by the committee at the December 5, 2006, June 7, 2011, And changes requested by the Committee at the August 2, 2011 meetings as well as changes and comments from the Village Attorney received on August 29, 2011.

ATTACHMENT: ORDINANCE _____ X _____ RESOLUTION _____ OTHER _____

RECOMMENDATION:

It is staff's recommendation to accept the ordinance as a final draft and send it on to the full Village Board for final approval, adoption, and implementation.

COMMITTEE ACTION:

Proper parliamentary procedure to deny a request is to have a motion made in the affirmative and by voting NAY would deny the request if a majority vote.

VILLAGE OF GERMANTOWN

ORDINANCE NO. _____

ORDINANCE REPEALING AND RECREATING SUBSECTION 13.29 (8)
OF THE GERMANTOWN CODE OF ORDINANCES RELATING TO THE REGULATION
OF PRIVATE SANITARY SEWER LATERALS

THE VILLAGE BOARD OF THE VILLAGE OF GERMANTOWN, WASHINGTON
COUNTY, STATE OF WISCONSIN, DOES ORDAIN AS FOLLOWS:

SECTION I:

Subsection 13.29 (8) of the Germantown Code of Ordinances is hereby repealed and
recreated in the following form.

SECTION II:

All ordinances or parts of ordinances contravening the terms of this ordinance are
hereby to that extent repealed.

SECTION III:

This ordinance shall take effect and be in full force upon its passage and the day after
publication.

Introduced by Trustee: _____

Adopted: _____ Vote: Ayes: _____ Nays: _____

Dean Wolter, Village President

Approved as to legality:

ATTEST:

John L. DeStefanis Village Attorney

Elizabeth Knaack, Village Clerk

Repeal and Recreation of Chapter 13.29(8) "LATERALS"

13.29 (8) PRIVATE SANITARY SEWER LATERAL CONNECTIONS

(a) Definitions

The following definitions apply to this subsection and augment definitions found in the Uniform plumbing Code:

Commercial Building – shall mean any building in a commercially zoned area of the village, which is in use as a commercial occupancy, or which would be entitled to a commercial occupancy permit.

Cleanout – Shall mean a segment of pipe connected to a sewer lateral rising vertically to the surface. Cleanout shall also provide access to the lateral for the purpose of routine flushing and rodding to free plugs or remove blockages.

Maintenance – shall mean routine flushing or rodding to maintain a free flowing condition.

Private Sewer System – shall mean a sewer or system of sewers which is not owned by the Village, and which serves more than one building.

Rehabilitation – shall mean to restore to a like new condition utilizing technologies and methods approved by the Village Engineer.

Repair – shall mean the physical exposure of a section of pipe and or appurtenances and for the purpose of resuming proper operating condition.

Replacement – shall mean removal and replacement of existing pipe and/or appurtenances.

Sanitary Sewer – shall mean a pipe or conduit which carries sanitary sewage and to which stormwater and ground waters are not permitted.

Sanitary sewer overflow (SSO) is a condition whereby untreated sewage is discharged into the environment prior to reaching treatment facilities thereby escaping wastewater treatment. Also referred to as a sewage spill.

Sewage – shall mean all water or combination of liquid and water-carried solid, bio-solids, or semi-solid wastes conducted away from any dwellings, residences, business buildings, institutions, unit, firm, association, organization, public corporation, political subdivision (including the Village of Germantown), county, or district; or the State of Wisconsin; or the United States of America, or any department or agency thereof and other

sources, which is known as domestic sewage, together with liquid or water-carried solid or semi-solid wastes resulting from a manufacturing process employed in industrial establishments, including the washing, cleaning, or drain water from such process, which is known as industrial waste.

Sewer Facilities – shall mean and include the sanitary and storm sewage collection system owned and operated by the Village, all appurtenances thereto, and all portions thereof.

Sewer Lateral or Lateral – shall mean a sewer pipe that conveys sewage from plumbing of a building or structure to a Village maintained sewer main, also referred to as a “building sewer” in the Uniform Plumbing Code.

Sewer or Sewer Main – when used herein means any Village-owned sewer pipe within a Village street or public right-of-way receiving or intended to receive the discharges of more than one sewer lateral. No sewer main constructed henceforth shall be less than eight inches in diameter nor be laid or constructed in any Village street, easement, or right-of-way, under the control of the Village, except to the lines, grades and specifications approved by the Village Engineer.

Storm Sewer or Storm Drain – shall mean a pipe or conduit which carries storm and surface waters and drainage, but excludes sewage and polluted industrial wastes.

Subdivider – shall mean a person, firm, corporation, partnership, or association which causes land to be divided into a subdivision for person, firm, corporation, partnership, or association, or for others.

User – shall mean and include any dwelling, unit, firm, association, organization, public corporation, political subdivision including the Village of Germantown), county, district, the State of Wisconsin, or the United States of America, or any department or agency thereof.

Village Authorized Representative – shall mean the Director of Public Works or a Village employee designated by the Director of Public Works to sign certificates of inspection for the purpose of lateral inspections.

Village's Fee and Rate Schedule – the most recently adopted schedule of all Village service, penalty, interest, permit fees, and hourly equipment and personnel rates.

Village of Germantown – for the purpose of this code chapter shall include the Germantown Wastewater Utility.

(b) Property Owner's Responsibility for Lateral Repairs and Maintenance

- (1) Property owners shall inspect, and provide to the Village a report of the results of an inspection of, the laterals on their property prepared by a licensed plumber or contractor using closed circuit television (CCTV) inspection, and if found defective, repair the lateral, as follows:
 - (A) When building a new structure on property with an existing lateral, or when otherwise proposing to connect a previously unconnected structure to an existing lateral;
 - (B) Prior to the closing when the property is transferred via sale or other transfer of ownership by deed, instrument or writing; as further provided in Section 13.29(8)(d)(1)(2) below.
 - (C) Whenever the Village finds that a sewage overflow emanating from a lateral has reached public property, including but not limited to a city street or the city storm drain system, or has flowed onto private property owned by another property owner;
 - (D) Whenever the Village finds that a sewage overflow emanating from a lateral presents a threat to public health, even if it has not flowed across a property line.
 - (E) As part of its periodic construction and maintenance of sewer mains, the Village may discover defective laterals. The Village may order the property owner to conduct an inspection, repair or replacement of any lateral that the Village knows or reasonably suspects to be defective.
- (2) The lateral shall be considered defective if it has any of the following conditions: displaced or off-set joints, root intrusion, mineral encrustation, substantial deterioration of the lines, damaged clean-out, defective clean-out, inflow, infiltration of extraneous water, exfiltration of wastes, illegal surface or ground water connections, or other conditions likely to substantially increase the chance for a lateral blockage, or if, within a period of one year, a lateral suffers two or more blockages resulting in overflows.
 - (A) Whenever defective laterals are found, the property owner, at the sole expense of the property owner, shall repair or replace the lateral. The Village authorized representative shall determine the extent of repair required, and more limited repair than complete replacement of the lateral may be permitted at the sole discretion of the Village Public Works and Highways Committee. The following requirements shall be met:

- (i) A replaced or repaired lateral shall not be covered or backfilled until it has been inspected by a representative of the Village.
 - (ii) All new and repaired laterals must pass a visual inspection as specified by the Village.
 - (iii) All repaired or replaced laterals shall be brought into compliance with the requirements of Section 13.29(8).
 - (iv) In the absence of a specific deadline, all inspection work shall be completed within sixty days of notification by the Village that such inspection is required.
- (B) When a lateral is completely replaced, the property owner is not required to inspect the lateral upon sale of the property for a period of ten years following the date of complete replacement of the lateral.
- (C) When roots, grease, or other material which have accumulated in a lateral is cleaned or maintained, it shall be prevented from entering the sewer main during the maintenance or repair of the lateral. In the event that material is permitted to enter the main causing or contributing to the cause of a sewage overflow, the same shall be a violation of this ordinance, and the property owner and/or contractor performing such maintenance work, in addition to any civil penalties imposed, shall be held civilly liable to the Village for any fines or other expenses incurred by the Village resulting from the overflow.

(c) Right of Entry

The Director of Public Work's designee, may enter, inspect, collect wastewater samples, and test any buildings, structures, or premises to secure compliance or prevent a violation of any portion of this chapter. The Director of Public Works, or said Director of Public Work's designee, shall also be authorized to review repair/maintenance records. Refusal of entry or failure to comply with requests for information shall be deemed a nuisance and is a violation of this ordinance. Such refusal or reasonably suspected non-compliance which threatens or potentially threatens public health or safety shall constitute an appropriate and adequate basis for the Village to seek a special inspection warrant.

(d) Change of Ownership

- (1) Any person, firm or corporation proposing to effect the change in ownership of any single family, duplex, apartment, condominium, commercial or industrial building serviced by a sanitary sewer shall not do so until such time as certificates of compliance have first been obtained from the Village Inspection Department and Department of Public Works, as provided below. Changing ownership or accepting change of ownership without such certificate of compliance shall constitute a violation of the Germantown Village Code and shall be subject to the penalties set forth in this Code, and to mandatory injunction.

- (2) *Exemption:*

This section shall not apply to a *pro forma* change of ownership without change in beneficial ownership, such as conveyance to a trust, or between spouses, or pursuant to a decree of divorce or partition unless the conveyance is made to a third party.

(e) Inspections Required

- (1) Upon request submitted in writing to the plumbing inspector by the owner or agent for the owner, an inspection shall be conducted by the plumbing inspector, of the premises to ensure compliance with the provisions of article 15.08, plumbing code and MMSD Chapter 3 relating to illegal surface or ground water connections into the sanitary sewer system. Such inspection shall occur on or before the sale or transfer of title of any such dwelling.
- (2) The owner shall additionally cause to be conducted a closed circuit television (CCTV) inspection of any sanitary sewer lateral serving the property greater than ten (10) years old or for which a certificate of compliance has not been issued. The CCTV inspection shall be performed by a contractor who shall be selected from a list pre-designated as approved by the Village.
 - (A) The contractor shall televise the sanitary sewer lateral from the vent pipe of stack clean out to the main line connection point. In the case of a shared lateral, only that portion of the shared lateral downstream of the subject dwelling or structure needs to be televised.
 - (B) A copy of the televised inspection shall be certified as a true and accurate televised recording of the property lateral and provided to the Public Works Department by the contractor within 48 hours of the completion of the inspection.
 - (C) The sewer lateral shall be certified by the contractor as well as the Public Works Department as being free from

infiltration and other defects as provided in 13.29(8)(b.)(2) above, the plumbing inspector shall issue a certificate of compliance of the lateral.

- (D) If the sewer lateral shall not be so certified, then the owner shall cause the lateral to be repaired or replaced so that it is restored to a condition of being free from infiltration and other defects, and certified as such. Upon such repair/replacement and certification, the plumbing inspector shall issue a certificate of compliance of the lateral.

(f) Certificate of Compliance Required

- (1) A certificate of compliance shall be issued by the plumbing inspector if the building is found to be in compliance with the provisions of the plumbing code and of this section.
- (2) If non-compliance is found, the plumbing inspector shall prepare work order listing the items required to be brought into compliance with the plumbing code, and the Village Engineer shall prepare a work order which shall reasonably apprise the owner of the defects and work necessary to bring the sewer lateral into compliance, before a certificate of compliance may be issued.
- (3) The owner shall be given 30 days to comply with work order, which period may be extended at the reasonable discretion of the building inspector or the Village engineer. A subsequent inspection shall be made within 30 days of the issuance of the notice of noncompliance and work order or extension thereof, to determine if the building and/or the lateral is in compliance. If the state of noncompliance still exists, no new occupancies of the building shall be permitted, unless a transferee shall expressly agree in writing assume the obligation to comply with any outstanding work order, shall agree to a date certain by which such compliance shall be achieved, and shall provide such security in the form of a cash deposit to guarantee performance as shall be approved by the building inspector or Village Engineer, in which case a conditional occupancy permit may be provided. Any person, firm, or corporation who occupies or causes to occupy any building without first obtaining a certificate of compliance or a conditional occupancy permit shall be subject to the penalties of this code.

(g) Permit Fees

The request for a certificate of compliance shall be accompanied by a fee in the amount established from time to time by the board.

(h) Re-inspection

In the event a request for a certificate of compliance is made within (10) ten years of the issuance of a previous certificate of compliance, a re-inspection of the premises will not be required.

(i) Penalties

(1) The Village shall have the authority to recover from a property owner the Village's expenses incurred in responding to sewer overflows on private property. In addition to any actual expenses incurred by the Village resulting from an overflow, a property owner who fails to perform any act required in this section, which failure results in an overflow reaching public or private property other than the property owner's property, shall be subject to citation and a civil penalty according to the following schedule:

- (A) Up to \$250.00, plus court costs and assessments for the first violation.
- (B) Up to \$500.00, plus court costs and assessments for a second violation occurring within three years after the first violation.
- (C) Up to \$1,250.00, plus court costs and assessments for each additional violation exceeding two violations within a three-year period.

(b) The Village Administrator shall have the authority to establish, waive, suspend or otherwise modify any civil administrative penalty imposed by this section that exceeds the direct costs of the Village upon a showing by the property owner of severe financial hardship, or upon a showing that the property owner has satisfactorily repaired the lateral to a degree sufficient to ensure avoidance of further violations.

(j) Appeal

Any present or proposed owner of a building feeling aggrieved by the issuance of a notice of noncompliance may appeal to the board of appeals by following the procedure as outlined in the zoning code.

(k) No Warranty

A certificate of compliance indicates that so far as can be reasonably determined by a visual inspection of the premises and review of village records, the premises meet the requirements of this article. Neither the

Village nor the plumbing inspector assume any liability in the inspection or issuance of a certificate of compliance, and the issuance of a certificate of compliance does not guarantee or warrant as to the condition of the premises inspected.

**BUSINESS OF THE PUBLIC WORKS & HIGHWAYS COMMITTEE
GERMANTOWN, WI**

MEETING DATE: Tuesday Feb 3, 2015

AGENDA ITEM: New Business

ITEM TITLE: Maintenance Agreement—Johnson Controls

SUBMITTED BY: Jay Olszewski, Highway Superintendent

SUMMARY EXPLANATION:

Staff is presenting for Committee review the maintenance agreement between Johnson Controls and the Village. This agreement covers the heating and cooling system for the library. The current agreement expires 2/28/2015 and ends a 3 year commitment.

JCI maintains the software that “controls” the heating and cooling system as well as the alarms that monitor the boiler system. The \$2,727 cost for the 1st year of the agreement includes 16 hours of consultative service. The 16 hours is directed at the discretion of the Village. Staff is recommending a 3 year service agreement as in the past. A multiyear agreement comes with a 15% savings on the hourly rate if work is needed in excess of the 16 hour “prepaid” contract amount.

ATTACHMENT: ORDINANCE _____ RESOLUTION _____ OTHER x

RECOMMENDATION:

Staff recommends contracting with Johnson Controls as part of a 3 year planned service agreement. Funds shall be allocated from Building line item 10-519-530-5251.

COMMITTEE ACTION:

Proper parliamentary procedure to deny a request is to have a motion made in the affirmative and by voting NAY would deny the request if a majority vote.

**BUSINESS OF THE PUBLIC WORKS & HIGHWAYS COMMITTEE
GERMANTOWN, WI**

MEETING DATE: Tuesday Feb 3, 2015

AGENDA ITEM: New Business

ITEM TITLE: Maintenance Agreement—General Communications

SUBMITTED BY: Jay Olszewski, Highway Superintendent

SUMMARY EXPLANATION:

Staff is presenting for Committee review the maintenance agreement between General Communications and the Village. Under this agreement General Communications (GENCOM) checks mobiles, battery back up, power supplies, and encoders three times a year. This contract insures that the radio system that carries the Village's tornado sirens, and building alarms is functioning properly. General Communications works closely with the Police Dept. and has served the needs of the DPW well in the past. They are familiar with our equipment and are very timely. An informal check of a couple of other Communication contractors found GENCOM to be competitive in their pricing.

ATTACHMENT: ORDINANCE _____ RESOLUTION _____ OTHER x

RECOMMENDATION:

Staff recommends contracting with General Communications to check radio alarms for 2012. The cost of the contract shall be \$1260, and funds shall be allocated from Buildings and Grounds line item 10-519-530-4400.

COMMITTEE ACTION:

Proper parliamentary procedure to deny a request is to have a motion made in the affirmative and by voting NAY would deny the request if a majority vote.

**BUSINESS OF THE PUBLIC WORKS & HIGHWAYS COMMITTEE
GERMANTOWN, WI**

MEETING DATE: Tuesday February 3rd, 2015

AGENDA ITEM: New Business

ITEM TITLE: Water Management Agreement-
Marine Biochemist

SUBMITTED BY: Jay Olszewski, Highway Superintendent

SUMMARY EXPLANATION:

Staff is presenting for Committee review the Contract between the Village of Germantown and Marine Biochemists for the treatment of algae in the Village of Germantown/Wago pond. The pond is treated 3 times seasonally to control underwater weeds and algae at a total cost of **\$1,800**. Additionally Marine Biochemist treat the Friedenfeld Park and Weidenbach pond for underwater weeds and algae on an as needed basis for a cost of \$609 per treatment. The Friedenfeld pond treatments are a 50/50 cost share with the Germantown Football Club.

ATTACHMENT: ORDINANCE _____ RESOLUTION _____ OTHER x _____

RECOMMENDATION:

Staff recommends Contracting with Marine Biochemists for the work described above at a cost of \$1,800. Funds shall be allocated from Highway line item 10-542-530-4100 and 10-553-530-4100.

COMMITTEE ACTION:

Proper parliamentary procedure to deny a request is to have a motion made in the affirmative and by voting NAY would deny the request if a majority vote.

**BUSINESS OF THE PUBLIC WORKS & HIGHWAYS COMMITTEE
GERMANTOWN, WI**

MEETING DATE: Tuesday February 3, 2015

AGENDA ITEM: New Business

ITEM TITLE: Authorization to have Washington County Highway Dept. paint centerlines and edge lines

SUBMITTED BY: Jay Olszewski, Highway Superintendent

SUMMARY EXPLANATION:

Staff is recommending that Washington County Highway Dept. perform edge line and centerline striping in 2015. The Village plans on striping approximately 30 miles of centerlines and 60 miles of edge lines. This work is billed on a time and materials basis, so an exact amount is not available until project completion. 2015 total cost was approximately \$34,000.

ATTACHMENT: ORDINANCE _____ RESOLUTION _____ OTHER x

RECOMMENDATION:

Staff recommends having Washington County paint centerline and edge lines for the Village. Funds shall be allocated from Highway line item account 10-542-530-3540.

COMMITTEE ACTION:

Proper parliamentary procedure to deny a request is to have a motion made in the affirmative and by voting NAY would deny the request if a majority vote.

**BUSINESS OF THE PUBLIC WORKS AND HIGHWAYS COMMITTEE
GERMANTOWN, WI**

MEETING DATE: Tuesday February 3, 2015

AGENDA ITEM: New Business

ITEM TITLE: Authorization to Purchase-LED T-8 lamps for Library

SUBMITTED BY: Jay Olszewski, Highway Superintendent

SUMMARY EXPLANATION:

Staff is presenting for Committee review the pricing for purchasing T-8 LED lamps for the last phase of the Library T-8 conversion. The 2015 budget for major building improvements included \$15,000 for this final phase of the project. To remain consistent staff requests purchasing the 340 lamps from Neu Tech in the amount not to exceed \$11,560. (freight included).

The T-8 lamps make up approximately 60% of the overall lighting within the Library. The remaining 40% includes various other lamps such as can lights, flood lights, spot lights, etc. Staff is requesting that any remaining funds from this project be used to convert those lamps to LED. Staff will inventory the quantities needed to convert the remaining Library lighting and solicit pricing from various vendors.

ATTACHMENT: ORDINANCE _____ RESOLUTION _____ OTHER x

RECOMMENDATION:

Staff recommends purchasing 340 T-8 LED lamps from Neu-Tech at a cost not to exceed \$11,560. Staff would also recommend using any unused funds from account 10-519-570-8251 to purchase various other LED lamps to be used at the Library.

COMMITTEE ACTION:

Proper parliamentary procedure to deny a request is to have a motion made in the affirmative and by voting NAY would deny the request if a majority vote.

**BUSINESS OF THE PUBLIC WORKS AND HIGHWAYS COMMITTEE
GERMANTOWN, WI**

MEETING DATE: Tuesday February 3, 2015

AGENDA ITEM: New Business

ITEM TITLE: Authorization to Purchase- Crack filling Material

SUBMITTED BY: Jay Olszewski, Highway Superintendent

SUMMARY EXPLANATION:

Staff is presenting for Committee review the pricing for crack filling material. The Highway Department estimates we will use between 30,000 to 35,000 pounds of crack filling material. The only distributor authorized to sell this type of material in this area is **Sherwin Industries of Milwaukee**. They have quoted the Village a price of **\$.4874 per pound. This price is down from \$.5574 in 2014.**

ATTACHMENT: ORDINANCE _____ RESOLUTION _____ OTHER x

RECOMMENDATION:

Staff recommends purchasing crack filling material from Sherwin Industries. Funds shall be allocated from line item account 10-542-530-3505.

COMMITTEE ACTION:

Proper parliamentary procedure to deny a request is to have a motion made in the affirmative and by voting NAY would deny the request if a majority vote.

**BUSINESS OF THE PUBLIC WORKS & HIGHWAYS COMMITTEE
GERMANTOWN, WI**

MEETING DATE: Tuesday February 3, 2015

AGENDA ITEM: New Business

ITEM TITLE: Discussion/Direction Sealcoating Projects 2015

SUBMITTED BY: Jay Olszewski, Highway Superintendent

SUMMARY EXPLANATION:

Staff is presenting for Committee review the potential 2015 sealcoating projects. The 2015 budget for this type of work is \$200,000. From this account approximately \$17,000 of crack filling material will be purchased and \$13,000 is estimated for large patch work leaving \$170,000 for sealcoat projects. The Village can utilize the budget in various ways. Two areas to consider are the cul de sacs that were not sealed with the previous sealcoat projects and the intersection work at Maple and Freistadt (safety changes). Attached is a list that staff has provided for discussion and direction.

ATTACHMENT: ORDINANCE _____ RESOLUTION _____ OTHER x

RECOMMENDATION:

Staff recommends performing as much sealcoating and patching as the remaining budget will allow with funds to be allocated from Highway Account 10-542-530-3500..

COMMITTEE ACTION:

Proper parliamentary procedure to deny a request is to have a motion made in the affirmative and by voting NAY would deny the request if a majority vote.

2015 Subdivision Sealcoat Discussion

NAME OF SUBDIVISION	YEAR	AVERAGE PASER RATING	SEALCOAT OPTION	APPROX. SQ. YRD	2015 COST EST.
Tree Tops	2005	8	GSB- 88	55,500	\$83,000
Meadow Creek	2007	8	GSB- 88	32,000	\$48,000
Woodland Ponds	2010	9	GSB- 88	15,000	\$25,000
Isabelle Farms	2010	9	GSB- 88	15,000	25,000
Prarie Glen	2013	10	n/a		
Indian Hills	2013	10	n/a		
Forest Heights	2013	10	n/a		
Cedar Hills	2009	8	GSB- 88	20,000	33,000
Country Belle Manor	2015	10	n/a		
Carriage Area	2011	9	GSB- 88	18,000	33,000
Rosewood and Golden Ct	1993	6	chip/slurry seal	5,500	\$11,000
Country Meadows	1994	6	chip/slurry seal	28,000	\$45,000
Country Meadows West	1995	7	chip/slurry seal	20,500	\$36,000
Lone Oaks	1995	7	chip/slurry seal	27,000	\$46,000
Autumn Ridge	1997	8	chip/slurry seal	14,000	\$25,500
Willow wood	1997	7	chip/slurry seal	5,000	\$10,500
Preserve 1 w/ Bel Aire	1997	7	chip/slurry seal	41,000	\$72,000
Presereve 2 & 3	1999	7	chip/slurry seal	7,600	\$13,500
Mountbrook	1999	7	chip/slurry seal	8,500	\$15,000
Shadow Wood	1999	7	chip/slurry seal	17,000	\$33,000
Lancelot	2000	7	chip/slurry seal	8,000	\$14,000
Sunberry South	2002	7	chip/slurry seal	18,000	\$36,000
Pleasant View Brownstone	2004-1994	8 & 7	chip/slurry seal	8,500	\$17,500
Berrywood	2007	7	chip/slurry seal	5,000	\$11,500
FREISTADT ROAD	1997-2000	6 & 7	MICRO	50,000	\$140,000
HOLY HILL ROAD	1980	4	CHIP AND FOG	28,000	\$160,000

OPTIONS FOR 2015 SEALCOATING

(DRAFT)

Option 1

GSB-88 Cul de Sacs in Wooded Hills, Sunberry, Windsong, total of 12	\$32,000
GSB-88 Tree Tops Phase 1	\$27,000
Micro Surface Freistadt road (145 to Goldendale)	\$140,000

Option 2

Fog Seal Cul de Sacs in Wooded Hills, Sunberry, Windsong, total of 12	\$20,000
Micro Surface Freistadt (River Lane to Mc Cormick)	\$60,000
GSB-88 Meadow Creek	\$48,000
Slurry Seal Mountbrook	\$20,000
Chip Seal Country Meadows	\$45,000

Option 3

Cold Mix and Chip and Fog Holy Hill Road (145 to B Street)	\$165,000
GSB-88 Cedar Hills	\$33,000

****Please understand that these options are illustrative in nature and I tried to cover an array of options that included various sealcoat applications along with different classification of roads.**

SUBDIVISIONS IN POOR CONDITION

NAME	AGE/LAST SERVICE	PASER
Willow Creek Heights	1992	2-5
High Park 1 & 2	1991	4-5
Hilltop View	1973	2-3
Pilgrim Heights	1997	3
Glenwood Park	1992	3-4
Old Farm	1987	3
Brook Hollow	'87-'91	2-4
Esquire Estates	1985	3-5
Heritage Hills North	1993	4-6
Legend Acres	1994	4-5
Woodland Manor	1991	4

PREVIOUSLY SEALCOATED SUBDIVISIONS

NAME	SEALCOAT TYPE	YEAR	PASER
Coffin	Slurry Seal	2005	5
Hamilton	Slurry Seal	2003	5
Yorktown	Slurry Seal	2003	5
Council Bluffs	Slurry Seal	2003	5-6
Meadow	Slurry Seal	2004	5-6
Rustic Meadows	Slurry Seal	2004	5-6
Woodside Acres	Chip Seal	2003	4
Neuland	Chip Seal	2004	5
Russet/Lovers	Chip Seal	2004	4
Wooded Hills	Chip Seal	2012	8
Windsong	Chip Seal	2014	8
Sunberry	Chip Seal	2014	8

**COST OF A 2" MILL AND ASPHALT OVERLAY WITH BUDGETARY
FIGURES PROVIDED BY PAYNE AND DOLAN AND BUDGETARY FIGURES
FOR SEALCOAT OPTIONS PROVIDED BY FHARNER ASPHALT**

Milling cost \$4-\$5 per square yard

Hot mix asphalt installed \$50-\$55 per ton

Milling 1 mile of road at 24' wide: $5,280 \times 24 / 9 = 14,080$ sq. yards

Tons of Asphalt per mile: $14,080 \times 120 \times 2" / 2000 = 1,690$ tons

$14,080 \times \$4 = \$56,320$ Milling Cost

$1,690 \text{ tons} \times \$50 = \$84,500$ Asphalt Cost

$\$56,320 + \$84,500 / 14,080 = \$10$ per sq. yard for 2" mill and overlay

SEALCOATING 2015 BUDGET PRICING

GSB-88 Rejuvenator	\$1.50 roads \$1.60 (c.d.s)
Slurry Seal	\$2.00
Micro Surfacing	\$2.50
Chip/Slag Seal	\$1.75
Fog Seal	\$1.00

**BUSINESS OF THE PUBLIC WORKS & HIGHWAY COMMITTEE
GERMANTOWN, WI**

MEETING DATE: February 3, 2015

AGENDA ITEM: New Business

ITEM TITLE: Resident Request to Pay Invoice to Replace Asphalt Flume – N104
W20482 Willow Creek Road

SUBMITTED BY: Brionne R. Bischke, P.E., Village Engineer 

SUMMARY EXPLANATION:

Village Engineering Dept. staff had designed the Willow Creek Road reconstruction project with intention of replacing a pre-existing asphalt flume that was needed to preserve roadside ditch stability. During drive-lane paving operations, the Village's contractor Payne & Dolan accidentally missed replacing this flume. Although Payne & Dolan did not charge the Village for the flume, Engineering Dept. staff placed the flume on the project punchlist as a tickler so it wouldn't be forgotten.

Since then, the affected resident has decided that he would like to pave his driveway and would like his contractor to pave the flume with his project so that it would be a seamless operation. The resident received a quote his contractor Parking Lot Maintenance (PLM) while the Village Engineer worked up a cost-estimate for Payne & Dolan to perform the work:

- 1) \$700: PLM
- 2) \$450: P&D

ATTACHMENTS:

PLM invoice

STAFF RECOMMENDATION TO COMMITTEE:

Pay \$450 of the PLM invoice.

COMMITTEE ACTION:

Proper parliamentary procedure to deny a request is to have a motion made in the affirmative and by voting NAY would deny the request if a majority vote.



PAVING AND CONCRETE

Parking Lot Maintenance, Inc.

PARKING LOT MAINTENANCE, INC.

W225 N31 S DU PLAINVILLE ROAD
PEWAUKEE, WISCONSIN 53072

Phone: (262) 691-3964

Fax: (262) 691-4811

www.PLMPaving.com

PROPOSAL DATE:

11/25/2014

PROPOSAL #:

65540

Proposal Submitted To	Work To Be Performed At
Company <u>Rolefson Residence</u>	Company <u>Same</u>
Name <u>Jim</u>	Name _____
Street <u>N104 W20482 Willow Creek Road</u>	Street _____
City <u>Colgate</u> State <u>WI</u> Zip <u>53017</u>	City _____ State _____ Zip _____
Telephone Number <u>(262) 894-9916</u> Fax: _____	Telephone Number _____ Fax: _____
Cell Number: _____	

BID 1: PROCEDURE TO PAVE SHARED DRIVE APPROXIMATELY 5,400 SQ.FT.

1. Saw cut at road and remove road edge.
2. Install dress stone to bring to paving depth and add additional stability.
3. Shape and grade base and compact stone base.
4. Spray soil sterilizer to retard weed growth.
5. Construct a 3.5" compacted hot mix asphalt pavement in two lifts consisting of 2" compacted binder coarse lift and a 1.5" compacted surface coarse lift.

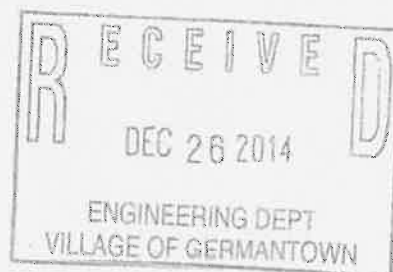
Thank you for the opportunity to quote on this project.

TERMS Payment in full upon completion.

For the sum of \$11,250.00

NOTE: PRICE SUBJECT TO CHANGE IN SPRING ONCE ASPHALT PRICES ARE SET.

OPTION: TO PAVE ASPHALT WATER FLUME BY CULVERT. ADD \$700.00 _____ INITIAL



Work will stop if payments are not received per this schedule: 25% at time of execution of proposal and 75% net 10 days. PLM IS NOT RESPONSIBLE FOR PAVEMENT BREAKAGE DUE TO NORMAL CONSTRUCTION TRAFFIC. PLM IS NOT RESPONSIBLE FOR DAMAGE TO OR INJURIES CAUSED BY ANY OWNER/PRIVATE INSTALLED UTILITIES, GAS, ELECTRIC, WATER, SEWER, CABLE, TELEPHONE, PIPES, LINES, CONDUITS, OR OTHER UNDERGROUND OBSTRUCTIONS, (herein "UNDERGROUND INSTALLATIONS").

Acceptance of Proposal

The above prices, specifications and conditions are satisfactory and are hereby accepted. Parking Lot Maintenance, Inc. is authorized to do the work specified. Payments will be made as outlined above. *This Proposal is also subject to the Terms & Conditions on the reverse side hereof.* Owner acknowledges receipt of a copy of this contract and Contractor's Warranty.

Contractor Signature: _____ Owner Signature: _____

Printed Name: Jonathan Elliott Printed Full Legal Name: _____

Signed This Date: 11/25/14 Signed This Date: _____

"Quality Paving & Protective Coatings"

Customer Copy

**BUSINESS OF THE PUBLIC WORKS & HIGHWAY COMMITTEE
GERMANTOWN, WI**

MEETING DATE: February 3, 2015

AGENDA ITEM: New Business

ITEM TITLE: Approve 2014 MMSD Chapter 13 Annual Report

SUBMITTED BY: Brionne R. Bischke, P.E., Village Engineer 

SUMMARY EXPLANATION:

The Village is required to prepare and file an annual report pursuant to MMSD Rule Chapter 13. The report summarizes Year 2014 activities, and projects prospective Year 2015 activities.

ATTACHMENTS:

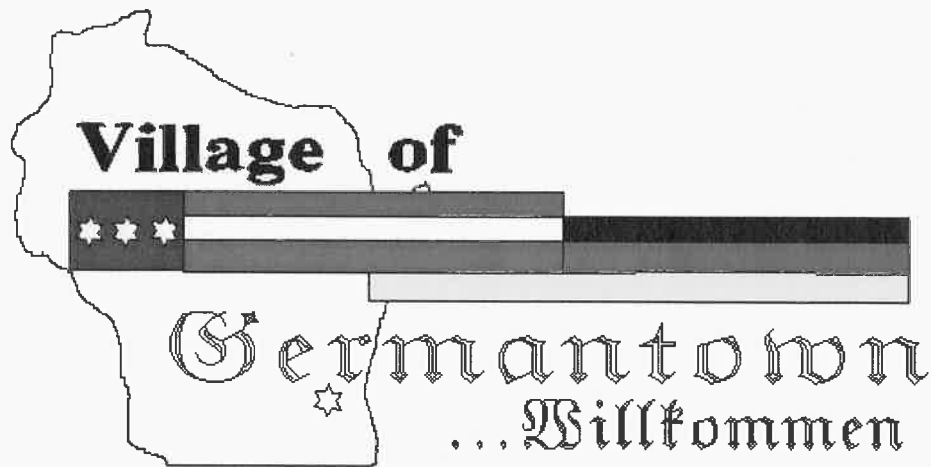
2014 MMSD Chapter 13 Annual Report

STAFF RECOMMENDATION TO COMMITTEE:

Recommend that Village Board approve the report and authorize the Village President to sign it for submission to the MMSD.

COMMITTEE ACTION:

Proper parliamentary procedure to deny a request is to have a motion made in the affirmative and by voting NAY would deny the request if a majority vote.



WASHINGTON COUNTY
WISCONSIN

2014 MMSD CHAPTER 13 ANNUAL REPORT

Village of Germantown

Submitted:

February/March, 2015

N112 W17001 Mequon Road
P.O. Box 337
Germantown, WI 53022

Phone: (262) 250-4720

Fax: (262) 253-8255

Annual reports are due on or before April 30th of each year for the preceding calendar year and must be organized by watershed.

Municipality: Village of Germantown

Date submitted: February/March, 2015
Submitted for calendar year: 2014

A. WPDES STORMWATER PERMIT

Attach a copy of Wisconsin DNR required annual report.

B. Inspection and Maintenance Activities [Sec 13.12(3)(g)]

Watershed	Name of Approval Project	Inspection/Maintenance Activities
Menomonee	Core Commercial (CTH Q)	1) Plan review; 2) Monitor construction; 3) Pond certification review; 4) Maintenance agreement recording.
Menomonee	Airgas (TID #4)	1) Plan review; 2) Monitor construction
Menomonee	Moore Development (Kleinmann)	1) Plan review.
Menomonee	Machining Concepts (Freistadt-Maple)	1) Plan review.
Menomonee	Systems Inc. (McCormick)	1) Plan review; 2) Monitor construction; 3) Pond certification review; 4) Maintenance agreement recording.
Menomonee	Stonecast Products (STH 167)	1) Plan review.
Menomonee	Xtreme Stainless (Kleinmann)	1) Plan review.
Menomonee	TID #6 Neu-NMMR Parcels (STH 175)	1) Plan review.
Menomonee	Bradley Way Partners (TID #4)	1) Plan review.
Menomonee	Hillside Apartments (STH 145)	1) Plan review; 2) Monitor construction

The Core Commercial storm water management plan was approved by MMSD on Mar. 28, 2014.

The Airgas project is served by one of the TID #4 Germantown Business Park regional storm water management ponds.

The Moore Development project is served by one of the Lannon Road Business Park regional storm water management ponds.

The Machining Concepts storm water management plan was approved by MMSD on Jul. 28, 2014.

The Systems Inc. storm water management plan was approved by MMSD on Jul. 22, 2014.

The Stonecast Products storm water management plan was approved by MMSD on Sep. 18, 2014.

The Xtreme Stainless storm water management plan was approved by MMSD on Oct. 24, 2014.

The TID #6 Willow Creek Business Park (formerly Neu-NMMR parcels) storm water management plan was approved by MMSD on Oct. 1, 2014.

The Bradley Way Partners project is served by one of the TID #4 Germantown Business Park regional storm water management ponds.

The Hillside Apartments project is served by one of the Wooded Hills regional storm water management ponds.

C. Proposed Developments: Summary of foreseeable projects subject to Sec. 13.10.

Watershed	Project Name	Size of Project (acres)	New Impervious Area (acres)	Anticipated Construction Year
Menomonee	Old Towne Park	6.26±	1.35±	2015
Menomonee	TID #6 Willow Creek Business Park Phase 1 (formerly Neu-NMMR parcels)	60.01±	44.87±	2015 thru 2017
Menomonee	Himalayan Consultants Phase 1	2.05±	1.33±	2015
Menomonee	Momentum Child Care	2.78±	0.93±	2015
Menomonee	Weimer Bearing Phase 1	13.63±	5.11±	2015 or 2016
Menomonee	Bence Development	21.57±	7.55±	2015 or 2016
Menomonee	Moore Development	17.08±	1.64±	2015
Menomonee	Xtreme Stainless	5.12±	2.13±	2015
Menomonee	Machining Concepts	8.43±	2.56±	2015 or 2016
Menomonee	Stonecast Products	9.61±	1.25±	2015
Menomonee	Prairie Glen Subdivision Phase 2	15.01±	5.00±	2015
Menomonee	Bradley Way Partners	3.09±	2.03±	2015

The prospective Old Town Park project is being considered by the Plan Commission as an individual project vs. a component of a regional Main St. "district". Village Plan Commission is considering a planned re-development of the overall Main St. "district", including adding a new regional storm

water management pond that will provide peak/volume flow and water quality controls to 80.7± acres presently unmanaged.

The TID #6 Willow Creek Business Park (formerly Neu-NMMR parcels) storm water management plan was approved by MMSD on Oct. 1, 2014.

The Himalayan Consultants project is served by the Glen Oaks Office Park regional storm water management pond.

The Momentum Child Care project is served by the Glen Oaks Office Park regional storm water management pond.

The Weimer Bearing project is served by one of the TID 4 Germantown Business Park regional storm water management ponds.

The Bence Development may be served by a future Main St. "district" (See Section G).

The Moore Development project is served by one of the Lannon Road Business Park regional storm water management ponds.

The Xtreme Stainless storm water management plan was approved by MMSD on Oct. 24, 2014.

The Machining Concepts storm water management plan was approved by MMSD on Jul. 28, 2014.

The Stonecast Products storm water management plan was approved by MMSD on Sep. 18, 2014.

The Bradley Way Partners project is served by one of the TID #4 Germantown Business Park regional storm water management ponds.

D. Storm Sewer/Culvert Modifications: List projects which increased or will increase storm sewer to greater than 36" diameter or increase capacity of existing stormwater conveyance systems or outfalls.

Watershed	Project Name	Previous Size (inch-diameter)	Previous Capacity (cfs)	New Size (inch-diameter)	New Capacity (cfs)
Menomonee	Catie Vista Storm Sewer	12"	<3.59± (plugged)	24"	6.84±

The prospective Catie Vista project is being considered by the Public Works & Highway Committee for Year 2015 construction with intention to reasonably mitigate flooding occurring in the sag of Sylvan Circle because it threatens nearby apartment buildings, garages, vehicles and other stored personal properties. The present 12" dia. pipe is plugged and overland relief for storm water runoff is infeasible.

E. Runoff Reduction: List projects that have reduced runoff by removal of impervious surfaces.

Watershed	Project Name	Impervious Area Removed (acres)	Impervious Area Transferred (acres)	Name of Project Transferred To	Date Transfer Occurred
Menomonee	None				

F. Multi-jurisdictional Watershed Projects

Watershed	Project Name	Governmental Units Involved	Size of Development (acres)
Menomonee	Project selection underway	Brookfield; Butler; Elm Grove; Germantown; Greenfield; Menomonee Falls; Milwaukee city; Milwaukee Co.; West Allis; West Milwaukee; Wauwatosa	TBD

The Menomonee River Watershed Permittees are presently undergoing the project selection process. A project is expected to be selected in Year 2015.

For each project identified above, include a discussion relating to the status.

G. Any other plans to increase/decrease runoff volume or peak flow

Watershed	Project Name, if applicable	Increase/Decrease Volume (ft ³)	Increase/Decrease Peak Flow (cfs)
Menomonee	Main St. "district"	38,637 decrease	3.42 decrease
Village Plan Commission is considering a planned re-development of the overall Main St. "district", including adding a new regional storm water management pond that will provide peak/volume flow and water quality controls to 80.7± acres presently unmanaged.			

Include a discussion of plans that will reduce runoff management requirements for new impervious surface in response to the removal of impervious surfaces at other sites.

**BUSINESS OF THE PUBLIC WORKS & HIGHWAY COMMITTEE
GERMANTOWN, WI**

MEETING DATE: February 3, 2015

AGENDA ITEM: New Business

ITEM TITLE: Approve 2014 Wisconsin DNR MS4 Annual Report

SUBMITTED BY: Brionne R. Bischke, P.E., Village Engineer 

SUMMARY EXPLANATION:

The Village is required to prepare and file an annual report pursuant to Wisconsin Administrative Code, Department of Natural Resources, Chapter NR216. The report summarizes Year 2014 storm water related activities.

ATTACHMENTS:

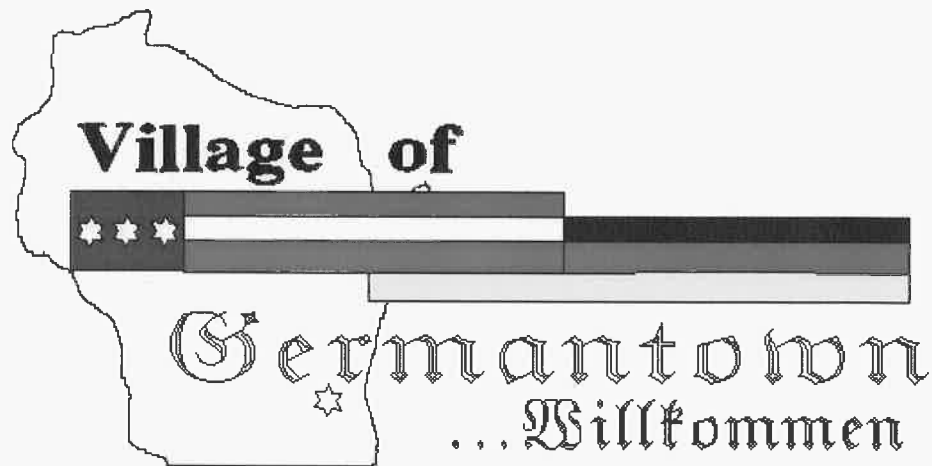
2014 Wisconsin DNR MS4 Annual Report

STAFF RECOMMENDATION TO COMMITTEE:

Recommend that Village Board approve the report and authorize the Village President to sign it for submission to the Wisconsin DNR.

COMMITTEE ACTION:

Proper parliamentary procedure to deny a request is to have a motion made in the affirmative and by voting NAY would deny the request if a majority vote.



WASHINGTON COUNTY
WISCONSIN

2014 WISCONSIN DNR MS4 ANNUAL REPORT

Village of Germantown

WPDES Permit No.
WI-S065404-1

Submitted:

February/March, 2015

N112 W17001 Mequon Road
P.O. Box 337
Germantown, WI 53022

Phone: (262) 250-4720

Fax: (262) 253-8255

MS4 Annual Report

Please use this template to assist in compiling information for the annual report. Use of this template is optional. Please refer to the permit language for the information minimally required to be submitted in the reporting year. If you have any questions, please contact Bryan Hartsook at (262) 574-2129 or by email at Bryan.Hartsook@wisconsin.gov. Please submit a signed copy of the annual report and any attachments to my attention at the Waukesha Service Center: **141 NW Barstow St., Rm 180, Waukesha, WI 53188**

** ELECTRONIC SUBMITTALS ARE ACCEPTABLE **

Municipality: Village of Germantown		Reporting Year: 2014	
Name of Permit Group (if applicable): Menomonee River Watershed	WPDES Permit No. WI-S065404-1	Facility ID No. (FIN):	
Contact Information:			
Name: Brionne R. Bischke, P.E.	Title: Village Engineer		
Mailing Address: N112 W17001 Mequon Rd., P.O. Box 337	City: Germantown	State: WI	Postal Code 53022
E-mail Address: bbischke@village.germantown.wi.us	Telephone No: (262) 250-4724		
Section I. Summarize program activities implemented during the reporting year to maintain compliance with the six minimum control measures identified in the permit. Please include the management practice, individual or department responsible, measurable goals, and activities planned for next year. Amendments to the planned activities and/or changes to measurable goals should also be identified. <i>Add rows or attach additional sheets as needed</i>			
A. PUBLIC INVOLVEMENT, EDUCATION, AND OUTREACH <u>BMP Description:</u> See attached chart <i>Public Involvement, E&O BMPs, Measurable Goals, and Progress</i> <u>Responsible Dept./Person:</u> Engineering: Brionne R. Bischke, P.E., Village Engineer <u>Measurable Goal(s):</u> See attached chart <i>Public Involvement, E&O BMPs, Measurable Goals, and Progress</i> <u>Progress Made Towards Achieving Goal(s):</u> See attached chart <i>Public Involvement, E&O BMPs, Measurable Goals, and Progress</i> <u>Planned Activities for Next Reporting Year:</u> 1) Continue participating in group activities and tracking measurable goals. 2) Contribute \$3,000 towards the <i>Respect Our Waters</i> campaign for South Eastern Wisconsin. <u>Program Modifications or Changes to Measurable Goal(s):</u> Made the Measurable Goals more streamlined and adaptable to the new MS4 Permit.			

B. ILLICIT DISCHARGE DETECTION AND ELIMINATIONScreening Strategy (priority areas identified in plan?):

IDDE Outfall 2013-2017 Five-Year Screening Plan is included as appendix.

Number of Outfalls Screened, Parameters Used, Detection Limits:

11 of the 22 outfalls identified in the June 2008 IDDE Program Procedures Manual were screened in 2014. The field screening analysis was conducted during a dry weather period.

INDICATOR \ DETECTION LIMITS \ FOLLOW-UP LEVELS

Ammonia \ 0.10 mg/L \ > 0.1 mg/L

Detergents \ 0.25 mg/L \ ≥ 0.5 mg/l

pH \ 0.0 – 14.0 \ ≤ 6.0 or ≥ 9.0

Chlorine \ 0.10 mg/L \ ≥ 1.0 mg/L (total residual)

Copper \ 0.10 mg/L \ ≥ 0.2 mg/L (total)

Phenols \ 0.10 mg/L \ ≥ 0.1 mg/L

Flouride \ 0.10 mg/L \ > 0.6 mg/l

Number of Illicit Discharges / Illegal Connections Detected (identify outfall ID numbers):

Cambridge Major Labs: Warning notice sent Apr. 30 for illicit discharge of fire system testing and flushing fluids containing Ansulite 3X3.

Number of Complaints Received and Summarize Result(s) of Follow-Up (include description of sewershed investigation):

Lake Park Ponds: Strong mercaptan smell reported Feb. 26. WE Energies investigated and found no gas leaks. No dead animals were found. Source unknown, but speculated to be pond turnover.

Screening Strategy for Next Reporting Year (identify priority areas / basins and outfall ID's):

IDDE Outfall 2013-2017 Five-Year Screening Plan is included as appendix.

Storm Sewer Map Updated? (summarize changes identifying basins and outfall ID's):

Village's GIS layer file of storm sewer was uploaded to WDNR WAMS for Chad Heimerl on Oct. 26, 2014.

C. CONSTRUCTION SITE POLLUTANT CONTROL

Target Number of Inspections (measurable goal, can be represented as percentage of permits issued):

Goal is to inspect active projects once monthly during the construction season.

Number of Permit Applications Received / Number of Permits Issued:

Administered by Building Inspection Dept. w/ Engineering Dept. consultation:
67 permits issued in Year 2014

Individual(s) Responsible for Plan Review, Inspection, and Enforcement Procedures:

Engineering Dept. = Brionne R. Bischke, P.E., Village Engineer
Inspection Services = Mike Guttman, Building Inspector

Number of Inspections Completed:

1) Core Commercial (CTH Q); 2) Airgas (TIF 4); 3) Moore Development (Kleinmann); 4) Keller (Goldendale); 5) Ultra Tool (McCormick); 6) Custom Pak Products (Bunsen); 7) Machining Concepts (Freistadt-Maple); 8) Innovation Mold (Bunsen); 9) Wexford Heights (STH 145); 10) Systems Inc. (McCormick); 11) Bradley Way Partners (TIF 4); 12) Old Towne Inn (Main); 13) Buffalo Wild Wings (CTH Q); 14) Stonecast Products (STH 167); 15) Weimer Bearing (TIF 4); 16) Wal-Mart (STH 175); 17) Xtreme Stainless (Kleinmann); 18) Mobil (CTH Q); 19) Himalayan (Stonewood); 20) Old Towne Park (Main); 21) Cambridge Major Labs (TIF 4); 22) TID #6 Neu-NMMR Parcels (STH 175)

Number of Enforcement Actions and Description:

Airgas: CG Schmidt prematurely removed erosion control devices, and we told to reinstall them until 85% vegetative cover achieved.

Changes in Inspection and/or Enforcement Strategy and Protocol:

No planned modifications. The strategy and protocol are adapted to accommodate regulatory control and resource availability at the Village Engineer's discretion.

D. POST-CONSTRUCTION STORM WATER MANAGEMENTNumber of Storm Water Management Plans Reviewed:

1) Core Commercial (CTH Q); 2) Moore Development (Kleinmann); 3) Machining Concepts (Freistadt-Maple); 4) Systems Inc. (McCormick); 5) Stonecast Products (STH 167); 6) Xtreme Stainless (Kleinmann); 7) Old Towne Park (Main); 8) TID #6 Neu-NMMR Parcels (STH 167)

Approved or Scheduled Ordinance Updates:

During its March 17, 2014 meeting, the Village Board adopted major revisions to Municipal Code Chapters 27 "Post-Construction Stormwater Management" and 29 "Construction Site Erosion Control" which incorporated recommendations from the Menomonee River Watershed Green Infrastructure Codes/Ordinances Project to render green infrastructure permissible.

https://www.municode.com/library/wi/germantown/codes/code_of_ordinances?nodeId=GEWI_CH27PONSSTMA

https://www.municode.com/library/wi/germantown/codes/code_of_ordinances?nodeId=GEWI_CH29COSIERCO

Number of Redevelopment Sites Reviewed:

1) Keller (Goldendale); 2) Ultra Tool (McCormick); 3) Old Towne Inn (Main); 4) Wal-Mart (STH 175); 5) Mobil (CTH Q); 6) Cambridge Major Labs (TIF 4)

Are you Documenting TSS Reductions Achieved on Redeveloped Sites? (for later inclusion in MS4 pollutant loading analysis):

For redevelopment sites, developers' consultants prepare storm water management plans demonstrating a minimum of 40% TSS reduction pursuant to Municipal Code Sec. 27.08(3)(a).

Inspection and/or Scheduled Maintenance of Facilities Where a Long-Term Maintenance Agreement was Recorded:

Blackstone Creek: Notified developers, who are members of the HoA, to remedy erosion and tree growth issues. They retained Elite Properties who will retain Wisconsin Lake and Pond Resource to perform work in Year 2015.

The Gables: Notified owner to remedy tree growth issues. They retained Wendland Landscaping who cleared the pond.

E. POLLUTION PREVENTIONEstimate quantity of Street Sweepings and Catch Basin Cleanings Collected:

Street Sweeping: 740 man hours deployment; 30,360 gal. of water used; 373 c.y. of material collected.

Catch Basins: 928 man hours rebuilding; no cleaning.

Summarize Findings of Municipal Yard Inspection(s), SWPPP Implemented and Up to Date?:

No problems found.

Updates to Yard Waste Collection:Recycling Center Activities:

Yr. 2013 = 34,526 Users (corrected for error reported on Yr. 2013 report)

Yr. 2014 = 35,849 Users

2014 Waste Oil and Antifreeze collected from Residents:

Waste Oil = 3,925 gal.

Antifreeze = 275 gal.

Oil Filters = 3x55 gal drums

Winter Road Maintenance Program (description and estimate quantity of anti-icing or deicing materials used):

In-House Annual Snow Meeting: Nov. 19, 2014

2013/2014 Season Winter Road Maintenance Summary:

First Salt Brine Operation: Nov. 7, 2013

Last Salt Brine Operation: Feb. 10, 2014

Operations = 4 events totalling 1,800 gal. of brine

First Plow/Salt Operation: Nov. 25, 2013

Last Plow/Salt Operation: Mar. 25, 2014

Operations = 34 events totalling 3,218 tons of Salt

Planned Activities for Next Reporting Year:

No changes planned.

Program Modifications or Changes:

No changes planned.

F. STORM WATER QUALITY MANAGEMENT

Have there been any changes in implementation, maintenance, mapping or modeling of storm water management practices in the past year? If yes, please complete the remainder of Section F.

No

Pollutant Loading Analysis:

Date of last model run:	<u>January 2008</u>	"No Controls" Load (tons/yr):	<u>704</u>	"With Controls" Load (tons/yr):	<u>429</u>
Model Version Used:	<u>WinSLAMM</u>	Average Unit Area Load (lbs/acre/yr):	<u>186.3</u>	TSS Reduction %	<u>39%</u>

Storm Water Management Plan:

If TSS percent reduction is less than 20%, has a strategy been developed under a municipal-wide storm water management planning effort to achieve compliance?

Projected Timeframe to Achieve 20% TSS Reduction (if applicable):

Not Applicable

Not Applicable

BMPs Implemented in Reporting Year:

Alt Bauer Park parking lot: MMSD green infrastructure grant funding was used to substantially complete a permeable concrete panel pavement project, which resulted in 100-Yr 1.52 cfs and 0.05 ac-ft reductions.

BMP Maintenance Activities in Reporting Year:

Mowing: One Spring and one Fall mowing.

Street Sweeping: One Spring and one Fall sweeping.

Construction Site Inspections: Monthly and as-needed.

Agreements or Discussions with Other Municipalities to Employ a Regional Watershed Approach?

Menomonee River Watershed Permittees WPDES Permit No. WI-S065404-1, effective Nov. 30, 2012 thru Dec. 1, 2017.

Planned Activities for Next Reporting Year:

Inspection of Village-owned dry/wet detention/retention facilities; and send letters to private owners requesting inspection of privately-owned dry/wet detention/retention facilities.

Village Plan Commission is considering a planned re-development of the overall Main St. "district", including adding a new regional storm water management pond that will provide peak/volume flow and water quality controls to approx. 80 acres presently unmanaged.

Program Modifications or Changes to Measurable Goal(s):

No planned modifications. The program is adapted to accommodate regulatory control and resource availability at the Village Engineer's discretion.

Section II. Identify any known or perceived water quality improvements or degradation in the receiving water to which the MS4 system discharges. Where degradation is identified, identify why and what actions are being taken to improve the water quality of the receiving water. Please describe the stream reach or lake effected and the basin / outfall ID contributing to the improvement or degradation.

Performed search on WDNR web site <http://dnr.wi.gov/water/impairedSearch.aspx>:

303(d) Listed: None

Addition: Nor-X-Way Channel, Mile 0.00-4.99

Deletion: None

Delist: None

EAP Project: None

Pollutant Removed: None

Proposed for List: Menomonee River, Mile 6.27-30.14

TMDL Development: Goldendale Creek, Mile 0.00-3.50; West Br. Menomonee, Mile 0.00-2.45; Nor-X-Way Channel, Mile 0.00-4.99; Willow Creek, Mile 0.00-2.80

Water Delisted: None

Section III. Fiscal Analysis

<i>Program Element</i>	<i>2014 Annual Expenditure</i>	<i>2015 Budget</i>	<i>Source of Funds</i>
Public Involvement, Education and Outreach	\$3,000.00 SWEET Staff Time	\$3,000.00 SWEET Staff Time	General Fund (Tax Revenue)
IDDE	\$500.00 Supplies Staff Time	\$500.00 Supplies Staff Time	General Fund (Tax Revenue)
Construction Site Pollutant Control	\$39,500.00 Staff Time	\$183,200.00 Staff Time	Capital Funds (Borrowing) General Fund (Tax Revenue)
Post-Construction Storm Water Management	Staff Time	\$286,000.00 Staff Time	Capital Funds (Borrowing) General Fund (Tax Revenue)
Pollution Prevention	Staff Time	Staff Time	General Fund (Tax Revenue)
Storm Water Quality Management	\$77,000.00 Staff Time	N/A	MMSD Grant General Fund (Tax Revenue)
Other	730 hrs Village Engineer 420 hrs Civil Engineer	420 hrs Village Engineer 730 hrs Civil Engineer	General Fund (Tax Revenue)

Section IV. Certification Statement

I hereby certify that I am an authorized representative of the municipality covered under the MS4 permit for which this annual report is being submitted and that the information contained in this document and all attachments were gathered and prepared under my direction or supervision. Based on my inquiry of the person or persons under my direction or supervision involved in the preparation of this document, to the best of my knowledge, the information is true, accurate, and complete. I further certify that the municipality's governing body or delegated representatives have reviewed and apprised of the contents of this annual report. I understand that Wisconsin law provides severe penalties for submitting false information.

Authorized Representative Printed Name:

Dean M. Wolter

Title:

Village President

Authorized Representative Signature:

Date Signed:

Municipal Storm Water Permit Section	Topic	Target Audience	Village Development Plan Review	Village Ordinances / Standard Specification	Village Facebook Page / Web Page	"Respect Our Waters" Campaign	Milwaukee Metropolitan Sewerage District Technical Advisory Team	Milwaukee Metropolitan Sewerage District Inspection 14 Conference	League of Wisconsin Municipalities 11th Annual Conference	American Public Works Assoc. 2014 Fall Conference	Menomonee River Watershed Permits	Enforcements	
Part II. A	Public Involvement and Participation	AA	PC; VB	PWHC; VB		PWHC; VB					App		
Part II. B	Public Education and Outreach	AA	Web	Web	Web	\$3,000 Don; SL	8 Mtg; 1 Per				2 Mtg		
Part II. B.I.a	Illicit discharges from municipal separate storm sewer systems and associated water quality impacts	AA		Ch 28		App					App	App	
Part II. B.I.b	Sources of pollutant loadings and habitat degradation	AA	App			App					App	App	
Part II. B.I.c	Storm water runoff from residential properties and potential pollutant sources such as pet waste, hazardous household waste, automobile care, and lawn care.	Con; HoA; Res; Sr	App	Web; Ch 27		App		1 Mtg; 2 Per			App	App	
Part II. B.I.d	Storm water runoff from commercial properties and, where appropriate, educate specific businesses such as lawn care companies, golf courses, carwashes, and restaurants on pollution prevention.	Bus; Con; Dev; Engr	22	Ch 27; Ch 29		App		1 Mtg; 2 Per			App	1	
Part II. B.I.e	Beneficial onsite reuse or proper management of leaves and grass clippings.	Bus; Con; DPW; Res		Web		App					App		
Part II. B.I.f	Restorative and protective management of streambanks and shorelines by riparian landowners to minimize erosion and restore and enhance the ecological value of waterways	Bus; Con; DPW; Res	App			App			2 Mtg; 2 Per	1 Mtg; 2 Per	App	App	
Part II. B.I.g	Infiltration and beneficial onsite reuse of residential storm water runoff from rooftops, driveways, and sidewalks through implementation of green infrastructure best management practices such as rain barrels, rain gardens, and permeable pavements.	HoA; Res	App	Ch 27		App	8 Mtg; 1 Per	1 Mtg; 2 Per	2 Mtg; 2 Per	1 Mtg; 2 Per	App		
Part II. B.I.h	Proper design, installation, and maintenance of erosion and sediment control best management practices to minimize, with the intent of eliminating, sediment transport from construction sites. Highlight potential harmful effects on the environment from sediment in construction site runoff.	Bus; Con; DPW; Engr; Res	67	Ch 29		App					App	1	
Part II. B.I.i	Routine inspection and maintenance of storm water best management practices by homeowner associations	HoA; Res	App	Ch 27		App					App	App	
Part II. B.I.j	Watershed education and the contributions of point and nonpoint source pollution on waterbody and waterway impairments	AA				App		1 Mtg; 2 Per			App		
Part II. B.I.k	BMPs for snow and ice removal and informing audiences about resources that provide further information on methods of reducing application of chemical deicers while maintaining public safety	Con; DPW; HoA; Res				App					App	App	

Staff Time**Legend**

AA = All Audiences
 App = Applicable
 Bus = Businesses
 Ch = Chap. of Municipal Code
 Con = Contractors
 Dev = Developers
 Don = Donation
 DPW = Dept. of Public Works
 Engr = Engineers
 Ev = Events
 HoA = Home Owners Assoc.
 Mtg = Meeting
 PC = Planning Commission
 Per = Persons
 PWHC = Public Works & Highway Committee
 Res = Residents
 Sr = Students
 SL = Support Letter
 V = Views
 VB = Village Board
 Web = Village Website

IDDE OUTFALL 5-YEAR SCREENING PLAN

OUTFALL	2013	2014	2015	2016	2017
GC01	X	X	X	X	X
GC02	X	X	X	X	X
GC03	X				
GC04	X	X	X	X	X
GC05	X				
JD01	X				
JD02		X			
JD03		X	X		
JD04	X	X	X	X	X
JD05		X	X		
JD06		X			
JD07			X		
MR01			X		
MR02			X		
MR03	X	X	X	X	X
MR04	X		X	X	
MR05				X	
MR06				X	
NX01		X	X	X	
NX02					X
NX03					X
NX04					X
WC01	X	X	X	X	X

Priority

Major

Any outfall having a pollutant approaching or exceeding thresholds will be tested the following year.

IDDE OUTFALL 5-YEAR HISTORY

OUTFALL SAMPLE EXCEEDED THRESHOLD

POLLUTANT	THRESHOLD	2010	2011	2012	2013	2014
Ammonia	0.1 mg/L					JD03; JD05
Detergents	0.5 mg/L					
pH	< 6, or > 9					
Total Chlorine	0.1 mg/L					
Total Copper	0.2 mg/L					
Phenols	0.1 mg/L				GC02; GC04	GC04; JD03; JD04; JD05
Fluoride	0.6 mg/L			WC01; MR04		

The causes for Phenol readings of 0.15 mg/L for outfalls GC02 and GC04 were investigated but remain a mystery.

The cause for Fluoride readings of 0.9 mg/L for outfalls WC01 and MR04 was an upstream manufacturing plant that uses Village water to cool its machines.

VILLAGE OF GERMANTOWN, WI
ILLCIT DISCHARGE INSPECTION FORM

Pipe / Outfall Location & Description: GC - 01 Pipe Size Dual 54" RCP Discharge Pipe

Basin Area: 162 Acres Location: Existing discharge pipes are located on the South side of Holy Hill Road, approx. 1670 If West of the inter. of Maple Road.

Inspector's Names: Frank Rosecky

Date of Inspection: Sept. 26, 2014

Date & amount of last rainfall: Sept. 20, 2014 0.15 in. Picture was taken the day after test



Is pipe/outfall active? No

Ambient Temperature: 76 °F

Water Temperature: Culvert pipe was dry.

OUTFALL SCREENING RESULTS

FIRST SAMPLE Date/Time 9-25-2014 9:50 am

OBSERVATIONS

Color: None

Odor: None

Turbidity: None

Floatables: None

Surface Sheen: None

SAMPLE RESULTS (Expected Range/Level)

pH: NA (6.0 < sample > 9.0)

Detergent: NA mg/L (sample < 0.5)

Ammonia NA mg/L (sample < 1.0)

Copper: NA mg/L (sample < 0.2)

Phenols: NA mg/L (sample < 0.1)

Fluoride NA mg/L (sample < 0.6)

If Warranted:

Chlorine: 0.0

FLOW/DISCHARGE ESTIMATE

Velocity: Slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s) Water Level in Pipe/Channel: 0" inches.

Additional Comments/Observations: Ditch appears to have been dry for a very long time.

There are 2 storm sewer pipes discharging into this ditch, draining from the North side of Holy Hill Road. Both pipes were dry, with very little standing water in each pipe, there was no flow. These test were obtained from the stagnant water in the ditch. The Village numbers for these structures are ST 182-009 and ST 182-010.

VILLAGE OF GERMANTOWN, WI
ILLICIT DISCHARGE INSPECTION FORM

Pipe / Outfall Location & Description: GC-02 Pipe Size Sample was taken from ditch, west of bridge

Basin Area: 24 Acres Location: West side of McCormick Drive between Fulton Drive and Edison Drive. Approximately 630' North of McCormick Drive



Picture was taken the day after testing

Inspector's Names: Frank Rosecky

Date of Inspection: Sept. 25, 2014

Date & amount of last rainfall: Sept. 20, 2014 0.15 in.

Is pipe/outfall active? Yes

Ambient Temperature: 76 °F

Water Temperature: 67.5 °F

OUTFALL SCREENING RESULTS

FIRST SAMPLE Date/Time: 9-25-2014 7:50 A.M.

OBSERVATIONS

Color: Clear

Odor: Slight Organic Decomp.

Turbidity: Stagnant

Floatables: Yes, Alga

Surface Sheen: None

SAMPLE RESULTS (Expected Range/Level)

pH: 8.00 (6.0 < sample > 9.0)

Detergent: 0.0 mg/L (sample < 0.5)

Ammonia: 0.10 mg/L (sample < 1.0)

Copper: 0.10 mg/L (sample < 0.2)

Phenols: 0.00 mg/L (sample < 0.1)

Fluoride 0.20 mg/L (sample < 0.6)

If Warranted:

Chlorine: 0.00

FLOW/DISCHARGE ESTIMATE

Velocity: Slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s) Water Level in Pipe/Channel: 5 inches.

Additional Comments/Observations: Flow is very slow, ditch is very brushy. Water clarity is very good. Water is hardly moving almost stagnant. Witnessed some frogs in the water. Same as last years inspection, more brushy now.

A 48" +/- x 14' concrete culvert (ST 201-005) , under McCormick Drive, running West to East in an open ditch from the industrial park that lies to the East.

VILLAGE OF GERMANTOWN, WI
ILLCIT DISCHARGE INSPECTION FORM

Pipe / Outfall Location & Description: GC-04 Pipe Size Sample was taken from ditch,

Basin Area: 85 Acres Location: 100' (+/-) East of the most Easterly entrance of Cove Lane on the South side of Freistadt Road



Inspector's Names: Frank Rosecky

Date of Inspection: Sept. 25, 2014

Date & amount of last rainfall: 9-20-2014 0.15 in.

Is pipe/outfall active? Yes

Ambient Temperature: 76 °F

Water Temperature: 67.5 °F

Picture was taken next day of testing

OUTFALL SCREENING RESULTS

FIRST SAMPLE Date/Time: 8/15/2013 12:50 p.m.
OBSERVATIONS

Color: Clear

Odor: None

Turbidity: Yes

Floatables: None

Surface Sheen: None

SAMPLE RESULTS (Expected Range/Level)

pH: 8.05 (6.0 < sample > 9.0)

Detergent: 0.00 mg/L (sample < 0.5)

Chlorine: 0.02 mg/L (sample < 1.0)

Copper: 0.00 mg/L (sample < 0.2)

Phenols: 0.15 mg/L (sample < 0.1)

Fluoride 0.20 mg/L (sample < 0.6)

If Warranted:

Chlorine: 0.05

FLOW/DISCHARGE ESTIMATE

Velocity: Slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s) Water Level in Pipe/Channel: 3 inches.

Additional Comments/Observations: Water is moving quickly. Water level is lower, lots of frogs, crawfish, and snails. Soon this ditch will need to be brushed out, getting very brushy

There are 4 different culverts discharging into this ditch. 2-84" CMP culverts crossing Freistadt Road and to the west of them lies a 33"x54" conc. culvert picking up Freistadt Road and west of that a 19"x30" conc. Pipe from the Cove Development. Testing was done from the two westerly culverts in the ditch draining into the Menomonee River.

**VILLAGE OF GERMANTOWN, WI
ILLCIT DISCHARGE INSPECTION FORM**

Pipe / Outfall Location & Description: JD-02 Pipe Size Dual 42" RCP Discharge Pipe

Basin Area: 162 Acres Location: Existing discharge pipes are located on the East side of Preserve Parkway, North of Donges Bay Road in Kinderberg Park.

Inspector's Names: Frank Rosecky

Date of Inspection: Sept. 26, 2014

Date & amount of last rainfall: Sept. 20, 2014 0.15 in.

Picture was taken the day after test



Is pipe/outfall active? No

Ambient Temperature: 76 °F

Water Temperature: Culvert pipe was dry.

OUTFALL SCREENING RESULTS

FIRST SAMPLE Date/Time 9-25-2014 9:00 am

OBSERVATIONS

Color: None

Odor: None

Turbidity: None

Floatables: None

Surface Sheen: None

SAMPLE RESULTS (Expected Range/Level)

pH: NA (6.0 < sample > 9.0)

Detergent: NA mg/L (sample < 0.5)

Ammonia NA mg/L (sample < 1.0)

Copper: NA mg/L (sample < 0.2)

Phenols: NA mg/L (sample < 0.1)

Fluoride NA mg/L (sample < 0.6)

If Warranted:

Chlorine: 0.0

FLOW/DISCHARGE ESTIMATE

Velocity: Slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s) Water Level in Pipe/Channel: 0" inches.

Additional Comments/Observations: Ditch appears to have been dry for a very long time.

There are 2 storm sewer pipes discharging into this ditch, draining to the West. Testing would have been done by sampling the ditch at the West ends of the Culvert Pipes,
These 2 ends are labeled by GIS as ST 341-090 and ST 341-092.

**VILLAGE OF GERMANTOWN, WI
ILLCIT DISCHARGE INSPECTION FORM**

Pipe / Outfall Location & Description: JD-03 Pipe Size: 48" RCP

Basin Area: 77 acres Location: 450' +/- East of Auburn Lane on Fieldstone Pass. Located in an Easement between N106 W156124 & N160 N10674 Fieldstone Pass, discharging into Jefferson Ditch.

Inspector's Names: Frank Rosecky

Date of Inspection: 9-25-2014

Date & amount of last rainfall: 9-20-2014 0.15 in.

Is pipe/outfall active? Yes, but very slow

Ambient Temperature: 76 °F

Water Temperature: 68.5 °F

OUTFALL SCREENING RESULTS

FIRST SAMPLE Date/Time: 9-25-2014 10:23 a.m.
OBSERVATIONS

Color: Clear

Odor: None

Turbidity: Very little flow

Floatables: None

Surface Sheen: None

SAMPLE RESULTS (Expected Range/Level)

pH: 8.2 (6.0 < sample < 9.0)

Detergent: 0.00 mg/L (sample < 0.5)

Ammonia 0.15 mg/L (sample < 1.0)

Copper: 0.15 mg/L (sample < 0.2)

Phenols: 0.20 mg/L (sample < 0.1)

Fluoride 0.30 mg/L (sample < 0.6)

If Warranted:

Chlorine: NA

FLOW/DISCHARGE ESTIMATE

Velocity: slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s) Water Level in Pipe/Channel: None inches.

Additional Comments/Observations: Outfall cleared of brush from last year. Very slow moving water
Mostly stagnate, with small puddles



Picture taken the day after test

VILLAGE OF GERMANTOWN, WI
ILLCIT DISCHARGE INSPECTION FORM

Pipe / Outfall Location & Description: JD-04 Pipe Size: 48" RCP

Basin Area: 55 Acres Location: 48" RCP pipe outfall is in Alt Bauer Park, West of Wagon Trail at Fieldstone Pass. Storm line runs between W165 N10681 & W165 N10669 Wagon Trail. ST 273-165



Picture was taken the day after the test

Inspector's Names: Frank Rosecky

Date of Inspection: 9-25-2014

Date & amount of last rainfall: 9-20-2014 0.15 in.

Is pipe/outfall active? Yes

Ambient Temperature: 76 °F

Water Temperature: 65.3 °F

OUTFALL SCREENING RESULTS

FIRST SAMPLE Date/Time: 9-25-2014 1:30 p.m.

OBSERVATIONS

Color: Clear

Odor: None

Turbidity: Very little

Floatables: None

Surface Sheen: None

SAMPLE RESULTS (Expected Range/Level)

pH: 7.95 (6.0 < sample > 9.0)

Detergent: 0.00 mg/L (sample < 0.5)

Ammonia 0.10 mg/L (sample < 1.0)

Copper: 0.00 mg/L (sample < 0.2)

Phenols: 0.25 mg/L (sample < 0.1)

Fluoride 0.00 mg/L (sample < 0.6)

If Warranted:

Chlorine: 0.1

FLOW/DISCHARGE ESTIMATE

Velocity: slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s) Water Level in Pipe/Channel: 1/2 inches.

Additional Comments/Observations: Water was low and clear. The flow was very slow. There were a leafs apples decomposing in the water, lots of vegetation nearby.

**VILLAGE OF GERMANTOWN, WI
ILLICIT DISCHARGE INSPECTION FORM**

Pipe / Outfall Location & Description: JD-05 Pipe Size: Open Ditch

Basin Area: 86 acres Location: Open drainage ditch, north of Jefferson Ditch. Ditch is at Northwest corner of bridge on Division Road just south of Juniper Drive.

Inspector's Names: Frank Rosecky

Date of Inspection: Sept. 25, 2014

Date & amount of last rainfall: Sept. 20, 2014 0.15 in.

Is pipe/outfall active? Yes

Ambient Temperature: 76 °F

Water Temperature: 70.2 °F

OUTFALL SCREENING RESULTS

FIRST SAMPLE Date/Time: 9-25-2014 11:30 a.m.
OBSERVATIONS

Color: Clear

Odor: None

Turbidity: Very little

Floatables: Yes, Alga

Surface Sheen: Clear

SAMPLE RESULTS (Expected Range/Level)

pH: 7.31 (6.0 < sample > 9.0)

Detergent: 0.00 mg/L (sample < 0.5)

Ammonia: 0.15 mg/L (sample < 1.0)

Copper: 0.00 mg/L (sample < 0.2)

Phenols: 0.25 mg/L (sample < 0.1)

Fluoride 0.34 mg/L (sample < 0.6)

If Warranted:

Chlorine: N/A

FLOW/DISCHARGE ESTIMATE

Velocity: slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s) Water Level in Pipe/Channel: 5 inches.

Additional Comments/Observations: No much flow running down ditch. Ditch has been cleaned out north of outfall into pond. Brush at very end of ditch outfall. High water in ditch, but fairl stagnet.



Picture taken the day after test

**VILLAGE OF GERMANTOWN, WI
ILLCIT DISCHARGE INSPECTION FORM**

Pipe / Outfall Location & Description: JD - 06 Pipe Size Exist. Ditch Northwest of 2 36" Culvert Pipe

Basin Area: 59 Acres Location: 2 - 36" RCP culvert pipe discharge into this ditch which eventually drains into the Jefferson Ditch Ponds. This ditch lies on the East side of Division Road approximately 150' North of Division Road and Old Farm Road.

Inspector's Names: Frank Rosecky

Date of Inspection: Sept 25, 2014

Date & amount of last rainfall: Sept 20, 2014 0.15in.

Is pipe/outfall active? No

Ambient Temperature: 76 °F

Water Temperature: NA

OUTFALL SCREENING RESULTS

FIRST SAMPLE Date/Time: 9-25-2014 7:10 a.m.

OBSERVATIONS

Color: None

Odor: None

Turbidity: None

Floatables: None

Surface Sheen: None

SAMPLE RESULTS (Expected Range/Level)

pH: NA (6.0 < sample > 9.0)

Detergent: NA mg/L (sample < 0.5)

Ammonia NA mg/L (sample < 1.0)

Copper: NA mg/L (sample < 0.2)

Phenols: NA mg/L (sample < 0.1)

Fluoride NA mg/L (sample < 0.6)

If Warranted: Chlorine: NA

FLOW/DISCHARGE ESTIMATE

Velocity: Slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s) Water Level in Pipe/Channel: 0 inches.

Additional Comments/Observations: Ditch was completely dry and clear of heavy brush.



There are 2 storm sewer pipes discharging into this ditch, draining to the North. Both pipes were dry, as well as the existing ditch. Testing would have been done by sampling the ditch at the very North end of these Culvert Pipe, These 2 - 36" culvert ends are labeled by GIS as St 273-193 and ST 273-012.

**VILLAGE OF GERMANTOWN, WI
ILLCIT DISCHARGE INSPECTION FORM**

Pipe / Outfall Location & Description: MR-03 Pipe Size Existing Ditch West of 2- 42" Culvert Pipe

Basin Area: 148 Acres Location: Sample was taken from an open ditch, on the North side of Mequon Road, approximately 900' East of the intersection of Squire Drive and Mequon Road.



Inspector's Names: Frank Rosecky

Date of Inspection: Sept. 25, 2014

Date & amount of last rainfall: Sept. 25, 2014 0.15 in.

Is pipe/outfall active? No

Ambient Temperature: 78 °F

Water Temperature: NA

OUTFALL SCREENING RESULTS

FIRST SAMPLE Date/Time: 9-25-2014 12:10 PM

OBSERVATIONS

Color: Clear

Odor: High Organic Decomposition

Turbidity: None

Floatables: Alga

Surface Sheen: Clear

SAMPLE RESULTS (Expected Range/Level)

pH: NA (6.0 < sample > 9.0)

Detergent: NA mg/L (sample < 0.5)

Ammonia NA mg/L (sample < 1.0)

Copper: NA mg/L (sample < 0.2)

Phenols: NA mg/L (sample < 0.1)

Fluoride NA mg/L (sample < 0.6)

If Warranted:

Chlorine: NA

FLOW/DISCHARGE ESTIMATE No flow at all

Velocity: Slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s) Water Level in Pipe/Channel: 2" inches.

Additional Comments/Observations: Ditch had puddles water in it and lots of algae. The water appeared stagnant, no movement at all, Had that marshy smell, lots of frogs. Ditch needs to be cleared, all plugged up.

There are 3 storm sewer pipes discharging into this ditch, draining all to the North. All 3 pipes were dry, with some standing water in the 48" pipe. The 48" RCP (Southeast) drains Mequon Road East, the 4' x 8' Box culvert (South) drains the ditch south of Mequon road, and the 29" x 45" ECP (Southwest) drains Mequon Road West.

**VILLAGE OF GERMANTOWN, WI
ILLCIT DISCHARGE INSPECTION FORM**

Pipe / Outfall Location & Description: **NX - 01** Pipe Size **Existing 54" RCP Discharge Pipe**

Basin Area: **78 Acres** Location: Existing discharge pipe is located on the Northwest corner of the TIF 4 Detention pond, East side of Washington Drive.
Approx. 925' South of inter. of Washington & Ellsworth Drives

Inspector's Names: Frank Rosecky

Date of Inspection: Sept 25, 2014

Date & amount of last rainfall: Sept 20, 2014 0.15 in.

Is pipe/outfall active? No

Ambient Temperature: 76 °F

Water Temperature: Culvert pipe was wet, no flow.

OUTFALL SCREENING RESULTS

FIRST SAMPLE Date/Time: 9-25-2014 / 3:15 p.m.
OBSERVATIONS

Color: None

Odor: None

Turbidity: None

Floatables: None

Surface Sheen: None

SAMPLE RESULTS (Expected Range/Level)

pH: NA (6.0 < sample > 9.0)

Detergent: NA mg/L (sample < 0.5)

Ammonia NA mg/L (sample < 1.0)

Copper: NA mg/L (sample < 0.2)

Phenols: NA mg/L (sample < 0.1)

Fluoride NA mg/L (sample < 0.6)

If Warranted:

Chlorine: 0.0

FLOW/DISCHARGE ESTIMATE

Velocity: Slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s) Water Level in Pipe/Channel: 0" inches.

Additional Comments/Observations: Existing vegetation has been removed from this discharge pipe. No flow.



Out of this discharge pipe drains most of the TIF 4 Industrial Park. This pipe had stagnet water setting in it.. Both the influent and effluent drainage pipe to this pond were wet, but no movement of water. This Village Structure number is ST 254-062.

VILLAGE OF GERMANTOWN, WI
ILLCIT DISCHARGE INSPECTION FORM

Pipe / Outfall Location & Description: WC-01 Pipe Size No Sample was taken

Basin Area: 262 Acres Location: South side of Mequon Road, approximately 265' East of the intersection of Mequon Road & Carnegie Drive



Inspector's Names: Frank Rosecky

Date of Inspection: Sept 25, 2014

Date & amount of last rainfall: Sept 20, 2014 0.15 in.

Is pipe/outfall active? No

Ambient Temperature: 76 °F

Water Temperature: NA

OUTFALL SCREENING RESULTS

FIRST SAMPLE Date/Time: 9-25-2014 2:30 pm

OBSERVATIONS

Color: NA

Odor: NA

Turbidity: NA

Floatables: NA

Surface Sheen: NA

SAMPLE RESULTS (Expected Range/Level)

pH: NA (6.0 < sample > 9.0)

Detergent: NA mg/L (sample < 0.5)

Chlorine: NA mg/L (sample < 1.0)

Copper: NA mg/L (sample < 0.2)

Phenols: NA mg/L (sample < 0.1)

Fluoride NA mg/L (sample < 0.6)

If Warranted:

Chlorine: 0.0

FLOW/DISCHARGE ESTIMATE

Velocity: Slow (<2 ft/s) Moderate (2-5 ft/s) Fast (> 5 ft/s) Water Level in Pipe/Channel: 6 inches.

Additional Comments/Observations: There was no flow in the culvert. There were some small puddles of water.

A 43" x 64" concrete culvert (ST 291-048) and a 48" round concrete pipe (ST 291-048) discharge into this ditch from the industrial park that lies to the north.

**BUSINESS OF THE PUBLIC WORKS & HIGHWAYS COMMITTEE
GERMANTOWN, WI**

MEETING DATE: February 3, 2015

AGENDA ITEM: New Business

ITEM TITLE: Approval of State/Municipal Agreement for Fond du Lac Ave –
Donges Bay Road Intersection & Utility Update

SUBMITTED BY: Dan Ludwig, Public Works Director

SUMMARY EXPLANATION:

The Roundabout project is scheduled to be constructed in 2016 with traffic being closed on both legs of Donges Bay Road. Village utility impacts include manhole repairs and valve box elevation adjustments, lowering 3 water main crossings with storm sewer, relocation of 100' of 12" watermain extending north of Donges Bay Road, relocating two hydrants, abandon 7 water laterals and 3 sanitary laterals. The utility adjustments listed above are TIF eligible expenses.

Due to the large traffic volume on Fond du Lac Avenue and the permanence of the new facility, water main is suggested to be extended 1100' north and sanitary sewer extended 535' north during the road closure also as TIF eligible expenses.

The State /Municipal Agreement has construction inspection and surveying tasks required of the Village during utility repair/replacements/extensions. The dollar amount listed on page 1 of 4 is insufficient but acts as a placeholder for non-participating items (utilities.)

ATTACHMENT: ORDINANCE_____ RESOLUTION_____ OTHER X

Plan sheet of 90% complete roundabout design showing utility locations.

Jim Mann's of Ehlers Inc. opinion on TIF eligible expenses.

RECOMMENDATION:

Staff requests the Public Works Committee recommend the Village Board to approve the State/Municipal Agreement for the Fond du Lac Ave-Donges Bay Road intersection including the utility extensions for sewer and water.

COMMITTEE ACTION:

Proper parliamentary procedure to deny a request is to have a motion made in the affirmative and by voting NAY would deny the request if a majority vote.



**STATE/MUNICIPAL AGREEMENT
FOR A STATE- LET HIGHWAY
PROJECT**

Date: January 13 2015

I.D.: 2475-00-00/20/70

Road Name: STH 145

Limits: Donges Bay Road Intersection

County: Washington

Roadway Length: 0.01 miles

The signatory Village of Germantown, hereinafter called the Municipality, through its undersigned duly authorized officers or officials, hereby requests the State of Wisconsin Department of Transportation, hereinafter called the State, to initiate and effect the highway or street improvement hereinafter described.

The authority for the Municipality to enter into this agreement with the State is provided by Section 86.25(1), (2), and (3) of the Statutes.

NEEDS AND ESTIMATE SUMMARY:

Existing Facility - Describe and give reason for request: Improvement

Proposed Improvement - Nature of work: As determined by project scoping.

Describe non-participating work included in the project and other work necessary to finish the project completely which will be undertaken independently by the municipality: A nominal amount is included to cover items in paragraph 4 (to be adjusted in the final plan).

TABLE 1: SUMMARY OF COSTS

Phase	Total Est. Cost	Federal/State Funds	%	Municipal Funds	%*
Preliminary Engineering: Plan Development	\$ 329,250	\$ 329,250	100%	\$ -	0%
Real Estate Acquisition: Acquisition	\$ 500,000	\$ 500,000	100%	\$ -	0%
Compensable Utilities	\$ -	\$ -	100%	\$ -	0%
Construction: Participating	\$ 2,150,000	\$ 2,150,000	100%	\$ -	0%
New Sidewalk	\$ 35,000	\$ 35,000	100%	\$ -	0%
Non-Participating	\$ 10,000	\$ -	0%	\$ 10,000	100%
Total Cost Distribution	\$ 3,024,250	\$ 3,014,250		\$ 10,000	

* See Item 9 Basis for local participation in Terms and Conditions

This request is subject to the terms and conditions that follow (pages 2 – 4) and is made by the undersigned under proper authority to make such request for the designated Municipality and upon signature by the State and delivery to the Municipality shall constitute agreement between the Municipality and the State. No term or provision of neither the State/Municipal Agreement nor any of its attachments may be changed, waived or terminated orally but only by an instrument in writing executed by both parties to the State/Municipal Agreement.

Signed for and in behalf of the Village of Germantown (please sign in blue ink)		
Name	Title	Date
Signed for and in behalf of the State (please sign in blue ink)		
Name	Title SE Region Planning Chief	Date

TERMS AND CONDITIONS:

1. The initiation and accomplishment of the improvement will be subject to the applicable Federal and State regulations.
2. The Municipality shall pay to the State all costs incurred by the State in connection with the improvement which exceed Federal/State financing commitments or are ineligible for Federal/State financing. Local participation shall be limited to the items and percentages set forth in the Summary of Costs table that show Municipal funding participation. In order to guarantee the Municipality's foregoing agreements to pay the State, the Municipality, through its above duly authorized officers or officials, agrees and authorizes the State to set off and withhold the required reimbursement amount as determined by the State from any moneys otherwise due and payable by the State to the Municipality. The costs listed in Table1: Summary of Costs are approximate costs unless otherwise noted. The Municipality will be responsible for actual costs incurred.
3. Funding of each project Phase is subject to inclusion in an approved program and per the State's Facility Development Manual (FDM) standards. Federal aid and/or State transportation fund financing will be limited to participation in the costs of the following items as specified in the Summary of Costs:
 - (a) Design engineering and state review services.
 - (b) Real Estate necessitated for the improvement.
 - (c) Compensable utility adjustment and railroad force work necessitated for the project.
 - (d) The grading, base, pavement, curb and gutter and bridge costs to State standards, excluding the cost of parking areas.
 - (e) Storm sewer mains, culverts, laterals, manholes, inlets, catch basins and connections for surface water drainage of the improvement; including replacement and/or adjustments of existing storm sewer manhole covers and inlet grates as needed.
 - (f) Construction engineering incidental to inspection and supervision of actual construction work, except for inspection, staking and testing of sanitary sewer and water main.
 - (g) Signing and pavement marking necessitated for the safe and efficient flow of traffic, including detour routes.
 - (h) Replacement of existing sidewalks necessitated by construction and construction of new sidewalk at the time of construction. Sidewalk is considered to be new if it's constructed in a location where it has not existed before.
 - (i) Replacement of existing driveways, in kind, necessitated by the project.
 - (j) New installations or alteration resulting from roadway construction of standard State street lighting and traffic signals or devices. Alteration may include salvaging and replacement of existing components.
4. Work necessary to complete the improvement to be financed entirely by the Municipality or other Utility or Facility Owner includes the following items:

- (a) New installations of or alteration of sanitary sewers and connections, water, gas, electric, telephone, telegraph, fire or police alarm facilities, parking meters, and similar utilities.
 - (b) New installation or alteration of signs not necessary for the safe and efficient flow of traffic.
 - (c) Roadway and Bridge width in excess of standards.
 - (d) Construction inspection, staking and material testing and acceptance for construction of sanitary sewer and water main.
 - (e) Parking lane costs.
 - (f) Coordinate, clean up, and fund any hazardous materials encountered for city utility construction. All hazardous material cleanup work shall be performed in accordance to state and federal regulations.
5. As the work progresses, the Municipality will be billed for work completed which is not chargeable to Federal/State funds. Upon completion of the project, a final audit will be made to determine the final division of costs.
 6. If the Municipality should withdraw the project, it shall reimburse the State for any costs incurred by the State in behalf of the project.
 7. The work will be administered by the State and may include items not eligible for Federal/State participation.
 8. The Municipality shall at its own cost and expense:
 - (a) Maintain all portions of the project that lie within its jurisdiction for such maintenance through statutory requirements, in a manner satisfactory to the State and shall make ample provision for such maintenance each year. This agreement does not remove the current municipal maintenance responsibility.
 - (b) Maintain all items outside the travel lane along the project, to include but not limited to parking lanes, curb and gutter, drainage facilities, sidewalks, multi-use paths, retaining walls, pedestrian refuge islands, landscaping features and amenities funded by community sensitive solutions.
 - (c) Maintain and accept responsibility for the energy, operation, maintenance, repair and replacement of the lighting system.
 - (d) Prohibit angle parking.
 - (e) Regulate parking along the highway. The municipality will file a parking declaration with the state.
 - (f) Use the WisDOT Utility Accommodation Policy unless the Municipality adopts a policy which has equal or more restrictive controls.
 - (g) Provide complete plans, specifications and estimates for sanitary sewer and water main work. The Municipality assumes full responsibility for the design, installation, inspection, testing and operation of the sanitary sewer and water system. This relieves the State and all of its employees from the liability for all suits, actions or claims resulting from the sanitary sewer and water system construction.
 - (h) Maintain all community sensitive solutions and/or enhancement funded items.
 - (i) Coordinate with the state on changes to highway access within the project limits.
 - (j) In cooperation with the state, assist with public relations for the project and announcements to the press and such outlets as would generally alert the affected property owners and the community of the nature, extent, and timing of the project and arrangements for handling traffic within and around the project.
 - (k) Maintain signs and pavement markings not necessary for the safe and efficient movement of traffic (no parking signs, crosswalk pavement markings not at signalized intersections, etc).

9. Basis for local participation: Participation is based on actual costs incurred, all costs listed in Table 1: Summary of Costs are approximate costs unless otherwise noted.
- (a) Funding for preliminary engineering 100% State
 - (b) Funding for real estate required for standard roadway construction, 100% State
 - (c) Funding for construction of standard roadway items – 100% State.
 - (d) Funding for new sidewalk, on NHS route, where no Trans 75 exceptions apply is funded 100% State and funding for the multi-use path is 100% State, based upon cost share policy for multi-use paths at a roundabout. The Municipality agrees to maintain the sidewalk and multi-use path.
 - (e) Funding for non-participating items 100% Municipality.

[END]

ORIGINAL PLANS PREPARED BY

(Signature)

(Date)

THIS STAMP APPLIES TO SANITARY SEWER
AND WATER MAIN PLANS,
SHEETS 1 THROUGH 5

JBJ

STH 145

STH 145

DONGES BAY RD.

DONGES BAY RD.

MAGNOLIA DRIVE

SCALE IN FEET
60' 0 60'

2

PROJECT NO: 2475-00-70

HWY: STH 145

COUNTY: WASHINGTON

UTILITY PLAN OVERVIEW

SHEET 1 OF 5

E

FILE NAME: \$\$designfile.\$\$

PLOT DATE: \$\$plottingdate.\$\$

PLOT BY: \$\$plotuser.\$\$

PLOT NAME:

PLOT SCALE: \$\$plotscale.\$\$

WISDOT/CADD SHEET 41a

Dan Ludwig

From: James A. Mann [jmann@ehlers-inc.com]
Sent: Monday, January 19, 2015 4:55 PM
To: Dan Ludwig
Cc: Dave Wagner; Maureen Schiel; Dave Schornack
Subject: Germantown - TID #4 Project
Attachments: 4096_001.pdf

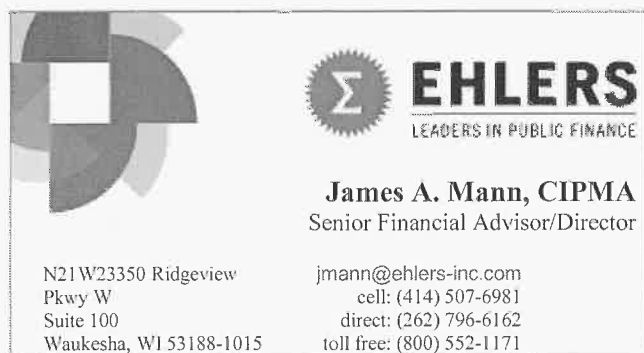
Dan –

Dave Wagner had forwarded a question you posed regarding TID #4. Based on my read of the 1999 amendment of the TID #4 project plan, it would appear that there is ample support for all or a portion of the costs associated with utility relocation and extension along Fond du Lac Avenue north of Donges Bay.

Attached is an excerpt of your TID plan. Also, note that our records indicate that the creation date for the district was July 6, 1994, which would require expenditure to occur prior to July 6, 2016.

If you would like us to do a more detailed impact analysis on the TID, we would need projected costs associated with the projects.

Let me know if you have further questions.



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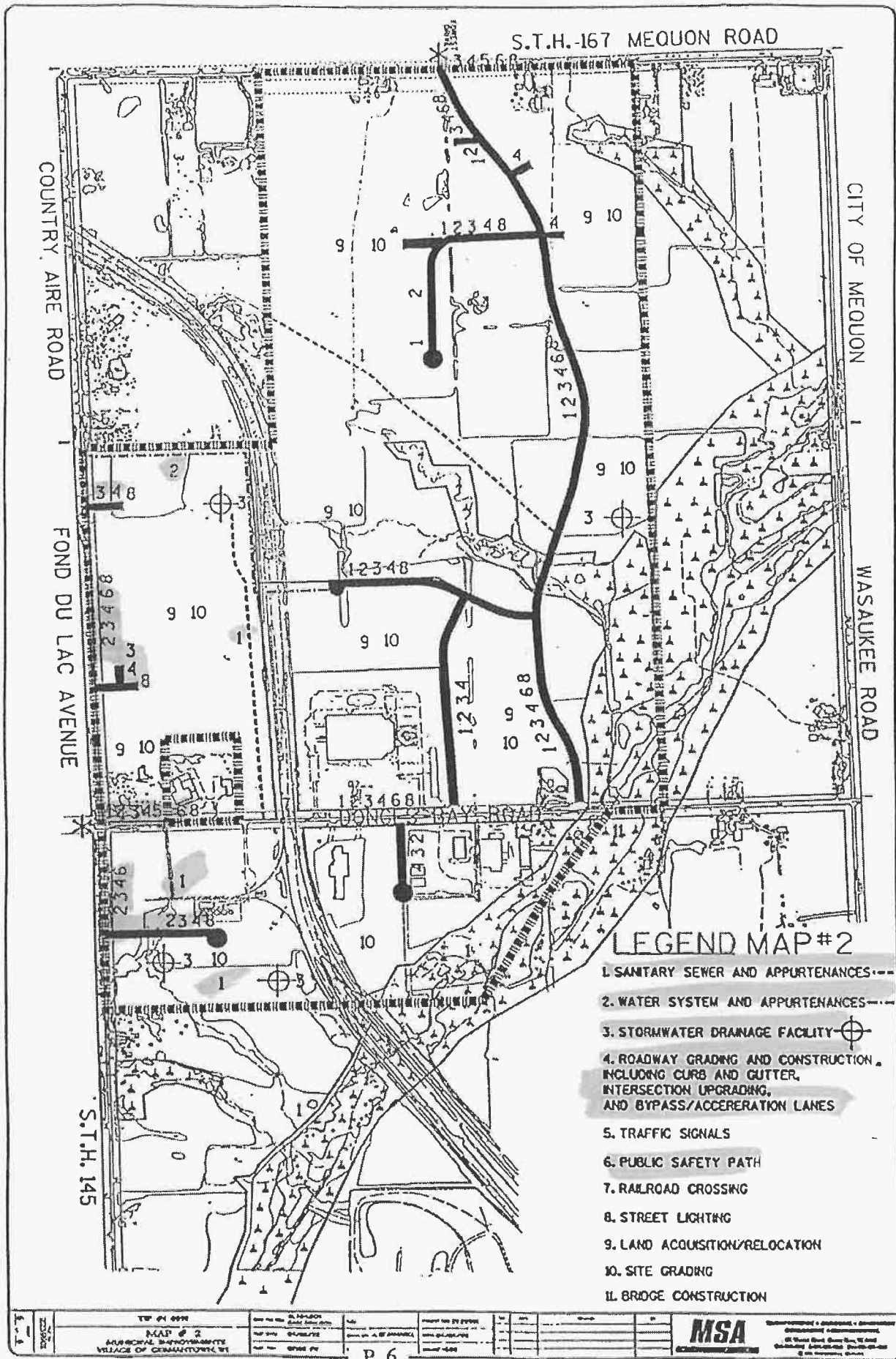
Table 1
SUMMARY OF ESTIMATED DEVELOPMENT COSTS - T.I.D. #4

Map Key No.	Project Description	Location	Estimated Project Costs (1999 Dollars)
1	Sanitary Sewer and Appurtenances	Donges Bay Road, Fond du Lac Avenue, Internal Streets Also, County Line Road northeast to Site (Interceptor)	\$3,680,634.00
2	Water System and Appurtenances	Donges Bay Road, Fond du Lac Avenue, Internal Streets Also, that portion of the water tower which is deemed TIF-eligible	\$2,573,195.00
3	Storm Water Drainage Facilities	Donges Bay Road, Fond du Lac Avenue, Internal Streets Internal lands for retention/detention Donges Bay Road/Fond du Lac Avenue Intersection	\$1,213,602.00
4	Roadway Grading and Construction (including curb and gutter, intersection upgrades, and bypass/acceleration lanes)	Donges Bay Road, Donges Bay Road/Fond du Lac Avenue Intersection, Mequon Road/Forest Drive Intersection, Fond du Lac Avenue, Internal Streets	\$4,118,044.00
5	Traffic Signals	Donges Bay Road/Fond du Lac Avenue, Mequon Road/Forest Drive and Mequon Road/Fond du Lac Avenue (off-site)	\$ 247,500.00
6	Public Safety Paths	Donges Bay Road (on- and off-site) to east of Nor-X-Way Channel Fond du Lac Avenue, Mequon Road, Internal Street	\$ 319,000.00
7	Railroad Crossing	Donges Bay Road/Wisconsin Southern RR Donges Bay Road/Chicago-Northwestern RR	\$ 165,000.00
8	Street Lighting	Donges Bay Road, Fond du Lac Avenue, Internal Streets	\$ 82,500.00
9	Land Acquisition	Donges Bay Road/Fond du Lac Avenue Intersection, Internal Lands	\$5,078,169.00
10	Site Grading; Landscaping	Entire Site; Donges Bay Road, Mequon Road and Internal Streets	\$2,666,642.00
11	Bridge Construction	Donges Bay Road across Nor-X-Way Channel (off-site)	\$ 220,000.00
12	Administrative, Legal, Financial	All projects	\$1,573,755.00
	TOTAL COSTS		\$21,938,041.00

Notes:

- A. The costs shown above are estimates of probable construction costs shown in 1999 dollars. The figures include engineering, design, construction inspection and related technical support. Also included in each project cost is an amount of 1.5% for contingencies.
- B. Administrative expenses include directly related project expenses such as, but not limited to, portions of the salaries of Village staff, legal fees, interest, financial services, service fees for engineering, planning and surveying, relocation and appraisal fees, surveying of lots, marketing fees and other related contract services.
- C. The costs shown above include only a proportionate share of total costs which benefit T.I.D. #4.

MAP #2 PROJECT LOCATION MAP



Item	Unit	Est. Qty.	Unit Price	Extended Price	Notes
Sanitary Sewer					
Gravity Pipe	L.F.	442	\$135.00	\$59,670.00	
Structures (e.g., MHs)	EA	2	\$5,000.00	\$10,000.00	
Abandonments	EA	4	\$3,100.00	\$12,400.00	
Rock Blasting/Excavation	C.Y.	48	\$115.00	\$5,520.00	
			Sanitary SubTotal	\$87,590.00	
Water Main					
Pressure Pipe	L.F.	1472	\$125.00	\$184,000.00	
Structures (e.g., HYDs)	EA	1	\$3,100.00	\$3,100.00	
Gate Valves	EA	4	\$2,500.00	\$10,000.00	
Relocates	EA	3	\$5,000.00	\$15,000.00	
Abandonments	EA	7	\$3,100.00	\$21,700.00	
Rock Blasting/Excavation	C.Y.	48	\$115.00	\$5,520.00	
			Water Main SubTotal	\$239,320.00	
INFRASTRUCTURE SUBTOTAL				\$326,910.00	
ENGINEERING & CONTINGENCIES (10%)				\$32,691.00	
INFRASTRUCTURE TOTAL				\$359,601.00	

**BUSINESS OF THE PUBLIC WORKS & HIGHWAYS COMMITTEE
GERMANTOWN, WI**

MEETING DATE: February 3, 2015

AGENDA ITEM: New Business

ITEM TITLE: Village Labor & Equipment Rates - 2015

SUBMITTED BY: Dan Ludwig, P.E., Director of Public Works

SUMMARY EXPLANATION:

As the Village may be requested for personnel or equipment to assist in a project, staff typically prepares a list of rates to be charged for labor and equipment. In 2015 staff is recommending a 2% rate increase for labor or equipment.

ATTACHMENT: ORDINANCE_____ RESOLUTION_____ OTHER X

Suggested Labor and Equipment Rates for 2015.

RECOMMENDATION:

Staff recommends that the Public Works Committee review the attached rates, request modifications as needed and forward on to the Village Board with a positive recommendation for approval. If no recommendations are made, staff will use a 2% increase to the 2014 rates for 2015.

COMMITTEE ACTION:

Proper parliamentary procedure to deny a request is to have a motion made in the affirmative and by voting NAY would deny the request if a majority vote.

Village Labor Rates

	<u>Hourly Rate</u>	
	<u>2014</u>	<u>2015</u>
Director of Public Works	\$93.00	95.00
Village Engineer	\$88.00	90.00
Project Engineer	\$67.00	68.00
Engineer Tech III/Land Surveyor	\$64.00	65.00
Land Surveyor/Survey Crew w/Robot	\$149.00	152.00
Highway Superintendent	\$66.00	67.00
Zoning Administrator/Planner	\$75.00	77.00
Engineering Assistant II	\$60.00	61.00
Record Drawing Documentation Preparation	\$94.00	96.00
Construction Inspection	\$94.00	96.00
Highway Maintenance Worker II	\$52.00	53.00
Highway Operators (Traffic Signals)	\$91.00	93.00
Water Superintendent	\$66.00	67.00
Wastewater Superintendent	\$66.00	67.00
Utility Operator	\$52.00	53.00
Clerical	\$45.00	46.00

Village Equipment Rental Rates

	<u>2014</u> <u>Rate/Hr.</u>	<u>2015</u> <u>Rate/Hr.</u>
Cruz-Air	\$ 60.00	\$ 61.00
Case Backhoe & Loader	\$ 35.00	\$ 36.00
Michigan Loader	\$ 45.00	\$ 46.00
Case/John Deer 624 Loader/Snow Plow	\$ 76.00	\$ 78.00
Case/John Deer 624 Loader W/Snow Blower	\$104.00	\$106.00
Shouldering Machine Self Propelled	\$ 40.00	\$ 41.00
Triaxle Dump Truck	\$ 43.00	\$ 44.00
Single Axle Dump Truck (5 yd.)	\$ 32.00	\$ 33.00
Single Axle Dump Truck w/Plow/Aux. Wing/Sander (5 yd.)	\$ 52.00	\$ 53.00
Tandem Axle Truck	\$ 43.00	\$ 44.00
Tandem Axle Dump Truck w/Plow/Aux. Wing/Sander	\$ 64.00	\$ 65.00
4 Wheel Drive Oshkosh w/Plow/Wing/Sander	\$104.00	\$106.00
1 Ton Patrol Truck (2-3 yd.)	\$ 24.00	\$ 25.00
1 Ton Patrol Truck w/Plow	\$ 30.00	\$ 31.00
Truck w/Water Jetter w/Aux. Power Unit	\$ 49.00	\$ 50.00
Aerial Lift Truck	\$ 61.00	\$ 62.00
Pickup Truck	\$ 19.00	\$ 19.50
Pickup Truck w/Plow	\$ 27.00	\$ 28.00
Self Propelled Vibrating Roller	\$ 37.00	\$ 38.00
Self Propelled Non-vibrating Roller	\$ 34.00	\$ 35.00
185 Air Compressor (Portable)	\$ 27.00	\$ 28.00
Street Sweeper 40 HP w/Front Mounted Broom	\$ 36.00	\$ 37.00
Vacuum Sweeper	\$ 80.00	\$ 82.00
Vac All	\$ 84.00	\$ 86.00
Sewerline Televising Truck	\$114.00	\$116.00
Combination Sewer Machine	\$137.00	\$140.00
Skid Steer Loader w/Bucket	\$ 31.00	\$ 32.00
Skid Steer Loader w/Snow Blower/Broom	\$ 34.00	\$ 35.00
Tar Kettle	\$ 33.00	\$ 34.00
Motorized Mower (24" & under)	\$ 13.00	\$ 13.25
Motorized Mower (25" - 48")	\$ 18.00	\$ 18.50
Motorized Mower (48" & over)	\$ 21.00	\$ 21.50
Tractor w/Sickle or Flail Mower	\$ 45.00	\$ 46.00
Chain Saw	\$ 12.00	\$ 12.25
Hydraulic Saw	\$ 12.00	\$ 12.25
Hydraulic Pruner	\$ 12.00	\$ 12.25
Chipper	\$ 39.00	\$ 40.00
Generator (225 KW)	\$ 56.00	\$ 57.00
Generator (Under 10KW)	\$ 24.00	\$ 25.00
Trailer Mounted Vacuum Excavator	\$ 82.00	\$ 84.00
6" Pump/Hose	\$ 30.00	\$ 31.00
4" Pump/Hose	\$ 25.00	\$ 26.00
3" Pump/Hose	\$ 21.00	\$ 21.50

**BUSINESS OF THE PUBLIC WORKS & HIGHWAY COMMITTEE
GERMANTOWN, WI**

MEETING DATE: February 3, 2015

AGENDA ITEM: New Business

ITEM TITLE: Request to Contract Valbridge Property Advisors to Appraise Utility Easement for Appleton Ave Water Main Extension

SUBMITTED BY: Brionne R. Bischke, P.E., Village Engineer 

SUMMARY EXPLANATION:

Engineering Dept. staff situated the water main extension on the west side of Appleton Ave. to avoid an 8" dia. gas transmission main situated along the east side of the road. The Schuster property on the west side of Appleton Ave. is a parcel whose property line notches out toward the Appleton Ave. roadway as compared to neighboring properties. Therefore, a utility easement is needed along the Schuster property. The remainder of the water main extension alignment remains situated in existing right-of-way.

ATTACHMENTS:

1. Valbridge Property Advisors quotation
2. Utility Easement exhibit

STAFF RECOMMENDATION TO COMMITTEE:

Contract Valbridge Property Advisors to appraise utility easement for the Appleton Ave. water main extension.

COMMITTEE ACTION:

Proper parliamentary procedure to deny a request is to have a motion made in the affirmative and by voting NAY would deny the request if a majority vote.

Brionne Bischke

From: S. Steven Vitale [svitale@valbridge.com]
Sent: Thursday, January 29, 2015 2:35 PM
To: Brionne Bischke
Cc: Dan Ludwig
Subject: RE: Shodron, WE Energies, and Schuster easements needed

Assuming we are engaged to do both, our fee would be \$3,500 for the Schuster property and \$2,500 for the Schodron property. We would need about 60 days to complete.

S. Steven Vitale, MAI
262-782-7990

From: S. Steven Vitale
Sent: Tuesday, January 27, 2015 5:11 PM
To: 'Brionne Bischke'
Cc: Dan Ludwig
Subject: RE: Shodron, WE Energies, and Schuster easements needed

Ok, we will review and get back to you. Thanks.

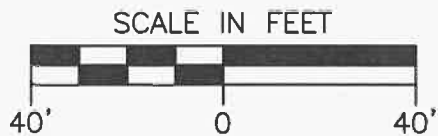
S. Steven Vitale, MAI
Senior Managing Director
Valbridge Property Advisors | Vitale Realty Advisors, LLC
12660 W. North Avenue
Brookfield, WI 53005
Tel: 262-782-7990
Cel: 262-227-9277
Fax: 262-782-7590
svitale@valbridge.com
valbridge.com



From: Brionne Bischke [<mailto:bbischke@village.germantown.wi.us>]
Sent: Monday, January 26, 2015 1:45 PM
To: S. Steven Vitale
Cc: Dan Ludwig
Subject: Shodron, WE Energies, and Schuster easements needed

Hi Steven:

DPW Director Dan Ludwig advised me to contact you regarding appraisal services for acquiring easements for our upcoming water main extension projects. The project extending through the Schuster property could start as soon as April. The other one is presently on standby but may start up anytime this year. Attached are exhibits prepared by our Village Land Surveyor Bob Beilfuss that present what easements we need. Would you be able to provide appraisal services for us to help us begin negotiations with the property owners? Do you normally provide a quotation? If so, could you please provide one? Thanks.



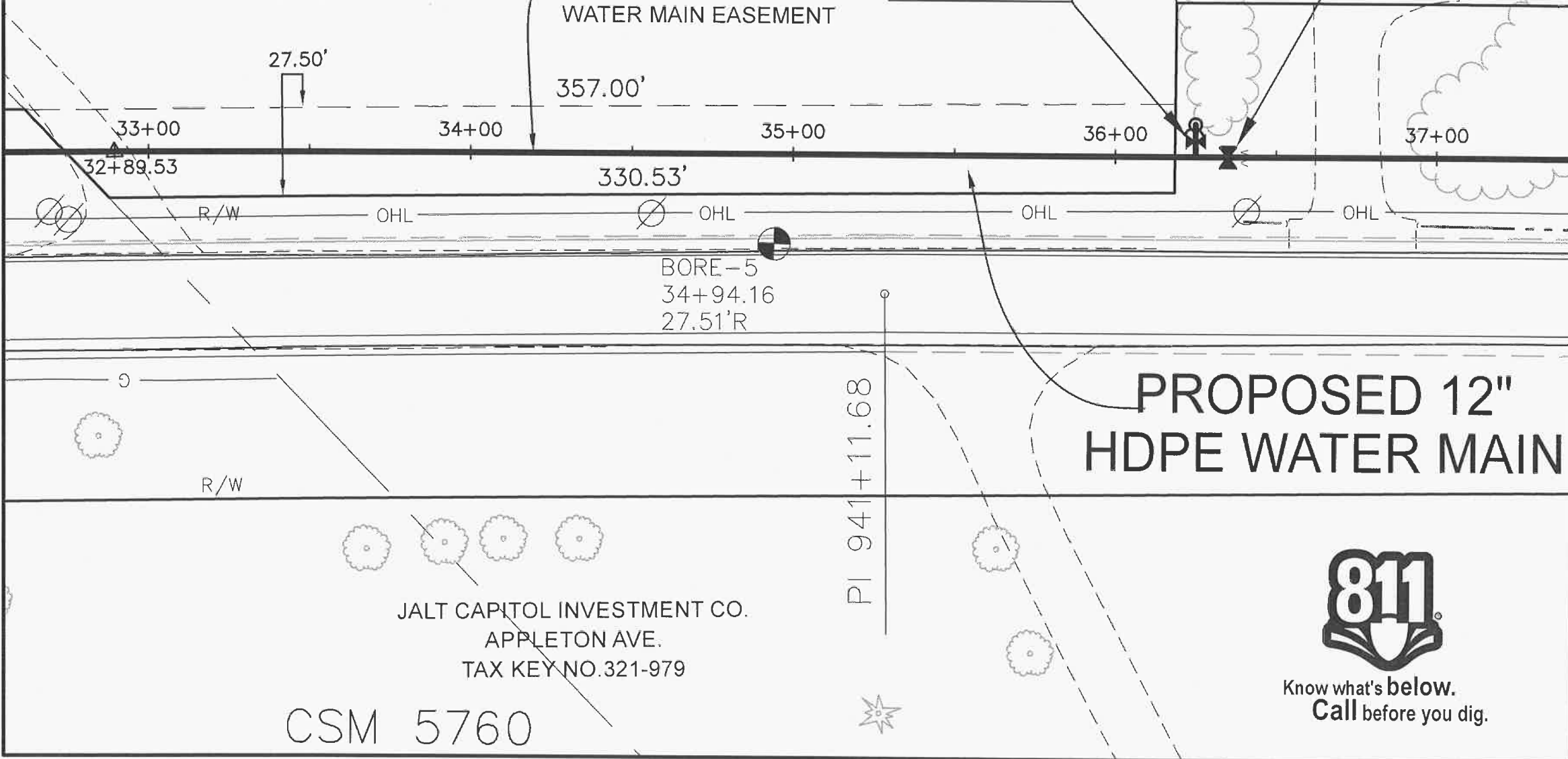
EUGENE SCHUSTER
W190 N9940 APPLETON AVE.
TAX KEY NO.321-990

PROPOSED 27.5' WIDE
WATER MAIN EASEMENT

STA. 36+25 20'L
PROP. HYD. NO. 5
6" I.E.=872.25'
STA 36+25, 5'L
PROP. 6" GV
6" I.E.=872.25'
STA. 36+25 0.0'L
12x6" TEE
12" I.E.=872.00'

CSM 2795

STA. 36+35 0' L
12" GATE VALVE
12" I.E.=871.84'



PROPOSED 12"
HDPE WATER MAIN



Know what's below.
Call before you dig.

CSM 5760

JALT CAPITOL INVESTMENT CO.
APPLETON AVE.
TAX KEY NO.321-979

DESIGNED BY	BRB	1/26/15
DRAWN BY	RCB	1/26/15
APPROVED BY	BRB	1/26/15
CAD FILE	SCALE	1"=40'
PROJECT NO.	STAGE 2 2015	
SHEET NO.	1216	A

EXHIBIT A
27.50' WIDE WATER MAIN EASEMENT
EUGENE SCHUSTER
W190 N9940 APPLETON AVE.

VILLAGE OF
GERMANTOWN
ENGINEERING DEPARTMENT
N112 W17001 MEQUON RD.
GERMANTOWN, WIS. 53222
262-250-4720 OFFICE
262-253-8255 FAX

**BUSINESS OF THE PUBLIC WORKS & HIGHWAY COMMITTEE
GERMANTOWN, WI**

MEETING DATE: February 3, 2015

AGENDA ITEM: New Business

ITEM TITLE: Request to Contract Valbridge Property Advisors to Appraise Utility Easement for TID 6 Sanitary and Water Main Extensions

SUBMITTED BY: Brionne R. Bischke, P.E., Village Engineer



SUMMARY EXPLANATION:

The Engineering Dept. determined that the most efficient and effective sanitary and water utilities route to service the TID #6 Neu and NMMR parcels is through the north side of W190 N9950 Appleton Ave. just south of the TransCanada pumping station. Staff met with the property owner to initiate negotiations for the utilities easement. Discussion included the following items:

1. 0.1028 ac area
2. Potential offer without appraisal
3. Village to include lateral stubs for property owner
4. Property owner connection to not be mandatory, but voluntary
5. Restoration to be done to property owner's satisfaction

The Schodron's followed up with a counter offer higher than the Village Board's offer.

Performing an appraisal of the prospective utility easement would be prudent at this time.

Past Village Board meetings regarding this matter include:

1. Sep. 15, 2014: Village Board (closed session)
2. Oct. 6, 2014: Village Board (closed session)

ATTACHMENTS:

1. Valbridge Property Advisors quotation
2. Utility Easement exhibit

STAFF RECOMMENDATION TO COMMITTEE:

Contract Valbridge Property Advisors to appraise utility easement for the TID 6 sanitary and water main extensions.

COMMITTEE ACTION:

Proper parliamentary procedure to deny a request is to have a motion made in the affirmative and by voting NAY would deny the request if a majority vote.

Brionne Bischke

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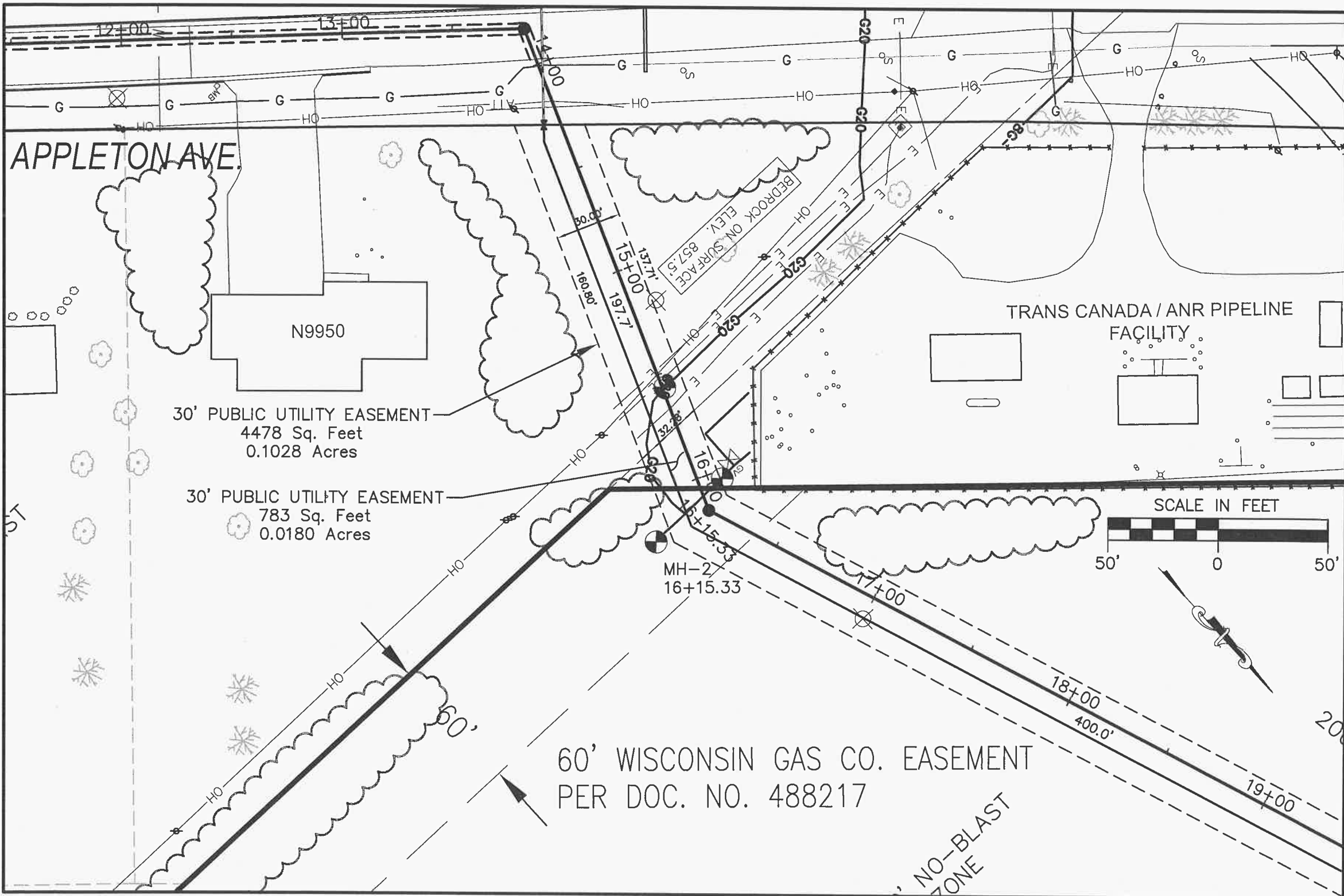
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Senior Managing Director
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Tel: 262-782-7990
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DESIGNED BY	BRB
DRAWN BY	RCB
APPROVED BY	BRB
CADFILE	SCALE
PROJECT NO.	1406
SHEET NO.	A

EXHIBIT A

30' WIDE UTILITY EASEMENT

MICHAEL AND JULIE SCHODRON

W190 N9950 APPLETON AVE.

VILLAGE OF
GERMANTOWN
ENGINEERING DEPARTMENT

N112 W17001 MEQUON RD.
GERMANTOWN, WIS. 53222
262-250-4720 OFFICE
262-253-8255 FAX