



CITY OF MARSHFIELD
MEETING NOTICE

**AGENDA
BOARD OF PUBLIC WORKS
CITY OF MARSHFIELD, WISCONSIN
MONDAY, APRIL 4, 2016 at 5:30 PM
COUNCIL CHAMBERS, CITY HALL PLAZA**

1. Call meeting to order – Chairman Buttke
2. Approval of minutes of March 14, 2016 and March 22, 2016 Board of Public Works meetings
3. Citizen Comments
4. Award bid for Contract 2016-01 – Presented by Tom Turchi, City Engineer
5. Award bid for Hackman Field Storage Building – Presented by Justin Casperson, Parks & Recreation Director
6. Approval of van purchase for Wastewater Treatment Plant – Presented by Sam Warp, Wastewater Superintendent
7. Approval of revised project agreement with WisDOT for North Central Avenue (Arnold Street to Harrison Street) – Presented by Dan Knoeck, Director of Public Works
8. Approval of truck plow quotation for Street Department – Presented by Mike Winch, Street Superintendent
9. Approval of Maintenance Agreement with Town of Cameron for Heritage Drive – Presented by Dan Knoeck, Director of Public Works
10. Approval of Engineering Services Agreement with MSA for East 29th Street (Washington Avenue to Hume Avenue) – Presented by Dan Knoeck, Director of Public Works
11. Discussion on 2016 Slag Seal Program – Presented by Dan Knoeck, Director of Public Works
12. Presentation of Annual Storm Water Management Report – Presented by Tom Turchi, City Engineer
13. Recommended items for future agendas
14. Adjournment

Posted this 1st day of April, 2016 at 4:00 PM by Daniel G. Knoeck, Director of Public Works

NOTE

It is possible that members of and possibly a quorum of other governmental bodies of the municipality may be in attendance at the above-stated meeting to gather information; no action will be taken by any governmental body at the above-stated meeting other than the governmental body specifically referred to above in this notice.

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, contact Mary Anderson, Public Works Department at 630 South Central Avenue or by calling (715) 387-8424

BOARD OF PUBLIC WORKS BACKGROUND

04/04/16

1. Call meeting to order – Chairman Buttke
2. Approval of minutes of March 14, 2016 and March 22, 2016 Board of Public Works meetings
3. Citizen Comments
4. Award bid for Contract 2016-01 – Presented by Tom Turchi, City Engineer
See attached bid summary. **Recommend approval of the low bid submitted by Merrill Gravel & Construction Co. Inc. in the amount of \$886,189.88 and authorize execution of a contract. Further recommend that a Budget Resolution be drafted for Common Council consideration to complete project funding.**
5. Award bid for Hackman Field Storage Building – Presented by Justin Casperson, Parks & Recreation Director
See attached bid summary. **Recommend approval of Option 2 with the base bid and Alternate No. 1 from Don Nikolai Construction of Marshfield, WI in the amount of \$63,210. Further recommend that a Budget Resolution be drafted for Common Council consideration to complete project funding.**
6. Approval of van purchase for Wastewater Treatment Plant – Presented by Sam Warp, Wastewater Superintendent
See attached quotation. **Recommend approval of the purchase of a Ford Transit 350 work van from V & H Automotive of Marshfield, WI in the amount of \$29,512.50 and authorize a purchase agreement.**
7. Approval of revised project agreement with WisDOT for North Central Avenue (Arnold Street to Harrison Street) – Presented by Dan Knoeck, Director of Public Works
See attached memo and revised agreement. **Recommend approval.**
8. Approval of truck plow quotation for Street Department – Presented by Mike Winch, Street Superintendent
See attached quotation summary memo. **Recommend approval of the quotation of Monroe Truck Equipment of Marshfield, WI in the amount of \$56,735 and authorize execution of a purchase agreement.**
9. Approval of Maintenance Agreement with Town of Cameron for Heritage Drive – Presented by Dan Knoeck, Director of Public Works
See attached memo. **Recommend approval.**
10. Approval of Engineering Services Agreement with MSA for East 29th Street (Washington Avenue to Hume Avenue) – Presented by Dan Knoeck, Director of Public Works
See attached memo. **Recommend approval.**
11. Discussion on 2016 Slag Seal Program – Presented by Dan Knoeck, Director of Public Works
See attached slag seal list. This is a discussion item only.
12. Presentation of Annual Storm Water Management Report – Presented by Tom Turchi, City Engineer
See attached report. Recommend to receive and place on file.
13. Recommended items for future agendas
14. Adjournment

BOARD OF PUBLIC WORKS MINUTES
OF MARCH 14, 2016

Meeting called to order by Chairman Buttke at 5:30 PM in the Council Chambers of City Hall Plaza.

PRESENT: Mike Feirer, Tom Buttke & Gary Cummings

EXCUSED: Ed Wagner and Chris Jockheck

ALSO PRESENT: Alderman Earll; Director of Public Works Knoeck; City Engineer Turchi; Assistant City Engineer Cassidy; Street Superintendent Winch; Wastewater Superintendent Warp; City Planner Miller; Library Director Belongia; Angie Eloranta – Main Street Marshfield; Joe Dolezal – The Boson Company; the media; and others.

PW16-29 Motion by Cummings, second by Feirer to recommend approval of the minutes of the February 15, 2016 Board of Public Works meeting.

Motion Carried

Citizen Comments – None

Joe Dolezal, The Boson Company, presented an update on the Everett Roehl Marshfield Public Library & Community Center construction project. This was an informational item only.

PW16-30 Motion by Cummings, second by Feirer to recommend approval of the revisions to Policy 5.080 – Public Right-of-Way Enhancement program, as presented, and further recommend revisions to Section 10-132 and Section 13-66(2) of the Municipal Code and that an ordinance change be drafted for Common Council consideration.

Motion Carried

PW16-31 Motion by Feirer, second by Cummings to recommend approval of the low quotation submitted by Truck Country of Rothschild, WI for a Freightliner Tandem Axle Truck Chassis for the Street Division at a cost of \$92,162 and authorize execution of a purchase agreement.

Motion Carried

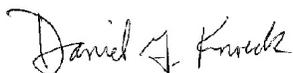
PW16-32 Motion by Feirer, second by Cummings to recommend approval of the list of Prequalified Contractors for 2016 City contracts as presented, to include Pember Companies, Inc. of Menomonie, WI and Haas Sons, Inc. of Thorp, WI.

Motion Carried

Recommended items for future agendas: None

Motion by Cummings, second by Feirer that the meeting be adjourned at 5:48 PM.

Motion Carried



Daniel G. Knoeck, Secretary
BOARD OF PUBLIC WORKS

BOARD OF PUBLIC WORKS MINUTES
OF MARCH 22, 2016

Meeting called to order by Vice-Chairman Cummings at 6:40 PM in the Council Chambers of City Hall Plaza.

PRESENT: Mike Feirer, Chris Jockheck, & Gary Cummings

EXCUSED: Ed Wagner and Tom Buttke

ALSO PRESENT: Alderman Earll; Director of Public Works Knoeck; City Engineer Turchi; Street Superintendent Winch; Wastewater Superintendent Warp; and others.

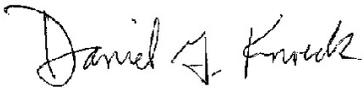
Citizen Comments – None

PW16-33 Motion by Feirer, second by Jockheck to recommend approval of the list of additional Prequalified Contractors for 2016 construction contracts as presented.

Motion Carried

Motion by Jockheck, second by Feirer that the meeting be adjourned at 6:43 PM.

Motion Carried



Daniel G. Knoeck, Secretary
BOARD OF PUBLIC WORKS



City of
Marshfield

Memorandum

TO: Board of Public Works
FROM: Tom Turchi, City Engineer
DATE: April 1, 2016
RE: Bid Summary and Award for Contract 2016-01

- A. Sidewalk Reconstruction - Oak Avenue (Depot Street to Cleveland Street)
Plan No. 3590, Project No. 612865
- B. Street Reconstruction - Alley (Chestnut / Central – 5th / 6th)
Plan No. 3598, Project No. 312017
- C. Street Reconstruction - 1st Street & Cedar Avenue – Intersection
Plan No. 3599, Project No. 312238
- D. Street Reconstruction - 2nd Street (Chestnut Avenue to Central Avenue)
Plan No. 3600, Project No. 312219
- E. Street Reconstruction - 2nd Street (Central Avenue to Maple Avenue)
Plan No. 3601, Project No. 312219, 312220, 352221 & 316774
- F. Colored Concrete Maintenance and Repairs, Central Avenue (17th Street to 2nd Street), Chestnut Avenue (7th Street to 1st Street)
Plan No. 3610, Project No. 312219

BACKGROUND

Bids were opened for the above project on Monday, March 28th, 2016. The low bid was submitted by Merrill Gravel & Construction of Merrill, WI in the amount of \$ 976,118.78.

Two bids were received and are shown in the table below:

BIDDER	BID BOND	BID AMOUNT
Merrill Gravel & Construction, Inc. 2505 E Sturdevant St. Merrill, WI 54452	Yes	\$ 976,118.78
Earth Inc. 4362 Dairy Road Arpin, WI 54410	Yes	\$ 988,805.80

ANALYSIS

The following is a breakdown of the various project budgets versus the as bid budgets.

		Project No.	As-Bid Project Costs	Project Budget	Difference (+) Shortfall (-) Surplus	Remarks
A	Sidewalk Oak Avenue	612865	\$117,446.91	\$120,000	-\$2,553.09	Within Budget
B	Street Alley	312017	\$66,748.30	\$82,305.00	-\$15,556.70	Under Budget by \$ 15,500 Transfer excess to 2 nd Street
C	Street 1st & Cedar	312238	\$42,247.85	\$0.00	\$42,247.85	Unbudgeted Project \$ 42,300 Funding From 2015 Maple Ave

D	Street West 2nd Street	312219	\$255,781.55	\$212,151.00	\$43,630.55	Over Budget \$43,700 Funding From Burlington Lot 312222
						\$ 28,200 Funding transfer From Burlington Lot - 312222 \$ 15,500 Funding transfer Alley Project - 312017
E	Street E 2nd Street	312219	\$294,564.72	\$233,077.00	\$61,487.72	Over Budget \$ 61,500 Funding From Burlington Lot
E	Water E 2nd Street	312220	\$1,488.50	\$15,000.00	-\$13,511.50	Under Budget \$ 13,400 Transfer excess to Street component
E	Sanitary E 2nd Street	352221	\$34,131.50	\$34,131.50	\$0.00	Within Budget
E	Storm E 2nd Street	316774	\$22,001.80	\$19,593.00	\$2,408.80	Over Budget \$ 2,500 Funding from Burlington Lot
						\$50,600 total Funding transfer for East 2 nd Street From Burlington Lot - 312222
F	Street Concrete Maintenance	312219	\$119,928.90	\$30,000.00	\$0.00 Reduce Project Award By \$ 89,928.90	\$ 30,000 Funding from General Fund Street Maintenance

The total as-bid project costs are shown with their respective project budgets. It will be necessary to transfer funds from various projects to reduce the budgeted shortfall. The transfers are described below:

- A. Sidewalk Reconstruction - Oak Avenue (Depot Street to Cleveland Street)
Plan No. 3590, Project No. 612865
Under Budget no Changes Needed
- B. Street Reconstruction - Alley (Chestnut / Central – 5th / 6th)
Plan No. 3598, Project No. 312017
This project is under budget by \$ 15,500. Transfer these remaining funds to the 2nd Street project.
- C. Street Reconstruction - 1st Street & Cedar Avenue – Intersection
Plan No. 3599, Project No. 312238
Shortfall of \$42,300. Fund this shortfall by a transfer of funds from 2015 Maple Avenue, Project No. 312129.
- D. Street Reconstruction - 2nd Street (Chestnut Avenue to Central Avenue)
Plan No. 3600, Project No. 312219
Shortfall of \$ 43,700 with the following transfers: \$15,500 from the Alley Project No. 312017 and \$28,200 from the Burlington Parking Lot Project No. 312222.
- E. Street Reconstruction - 2nd Street (Central Avenue to Maple Avenue)
Plan No. 3601, Project No. 312219, 312220, 352221 & 316774
Shortfall of \$50,600. Fund this shortfall from the Burlington Parking Lot, Project No. 312222.
- F. Colored Concrete Maintenance and Repairs, Central Avenue (17th Street to 2nd Street), Chestnut Avenue (7th Street to 1st Street) Plan No. 3610, Project No. 312219
Reduce the project from the as bid of \$ 119,928.90 to \$ 30,000 by not awarding items 17-2 Clean, Treat & Re-Seal Existing Concrete Pavement Joints & 17-3 Existing Colored Concrete Partial Depth Repairs. \$30,000 funded through the General Fund Street Maintenance budget.

RECOMMENDATION:

I recommend that Contract 2016-01 be awarded to the low bidder of Merrill Gravel & Construction of Merrill, WI in the amount of \$ 886,189.88 and to authorize execution of a contract. I further recommend that a budget resolution be forwarded to the Common Council for the consideration to transfer funds to balance the funding needed to complete these projects as described above in the analysis.

Respectfully submitted,
Thomas R. Turchi

Concurrence:



Steve Barg, City Administrator



Daniel G. Knoeck, P.E. Director of Public



City of Marshfield Memorandum

DATE: April 4, 2016
TO: Board of Public Works
FROM: Justin Casperson, Parks and Recreation Director
RE: Hackman Field Storage Building Project (#61-2856) Bid Approval

Summary:

The Hackman field storage building project entails the construction of a new building that would allow onsite storage of equipment and materials for improving operations and increase efficiency. The project was approved in 2013, but placed on hold during the construction of the bear exhibit. The budgeted amount for the project was \$50,000 with \$3,000 going toward design fees and \$47,000 construction. The monies were allocated out of the 202 Fund (Room Tax). On January 18, 2016 the Board of Public Works granted approval for the Parks and Recreation Department to solicit bids for the construction of the project. Sealed bids were opened on Thursday, February 25, 2016. Bids were submitted by eight (8) companies. See attached bid summary sheet.

All bids came in over the budgeted amount, \$47,000. The Department was able to secure private donations to cover the financial gap. The Marshfield Youth Baseball Association along with other organizations agreed to financially support the project with donations of \$14,000.00.

The Department drafted two (2) options for the Board of Public Works consideration. Option 1 details the project if the City were to perform the project with alternate No. 1. Option 2 details the project if the City were to perform the project without alternate No. 1. Eagle Construction was the low bidder without alternate No. 1, while Don Nikolai Construction was the low bidder with alternate No. 1.

	<u>Option 1</u>	<u>Option 2</u>
	Don Nikolai Construction Marshfield, WI	Eagle Construction Company WI Rapids, WI
Base Bid	55,000.00	52,995.00
Alternate No. 1	5,200.00	NA
Contingency 5%	<u>3,010.00</u>	<u>2,650.00</u>
Total w/ Contingency	63,210.00	55,645.00
 Funding Source		
202 Fund	47,000.00	47,000.00
Private Donation	14,000.00	8,645.00
Room Tax Fund Balance	<u>2,210.00</u>	<u>0.00</u>
	63,210.00	55,645.00

Recommendation:

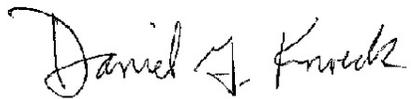
To approve the low base bid with alternate No. 1 from Don Nikolai Construction and authorize the execution of contracts to not to exceed \$63,210.00 contingent on the approval of a budget resolution allocating the necessary monies.

Attachment(s):

Hackman Field Storage Project #61-2856 Bid Summary Sheet
Alternate No. 1 Map

Concurrence:

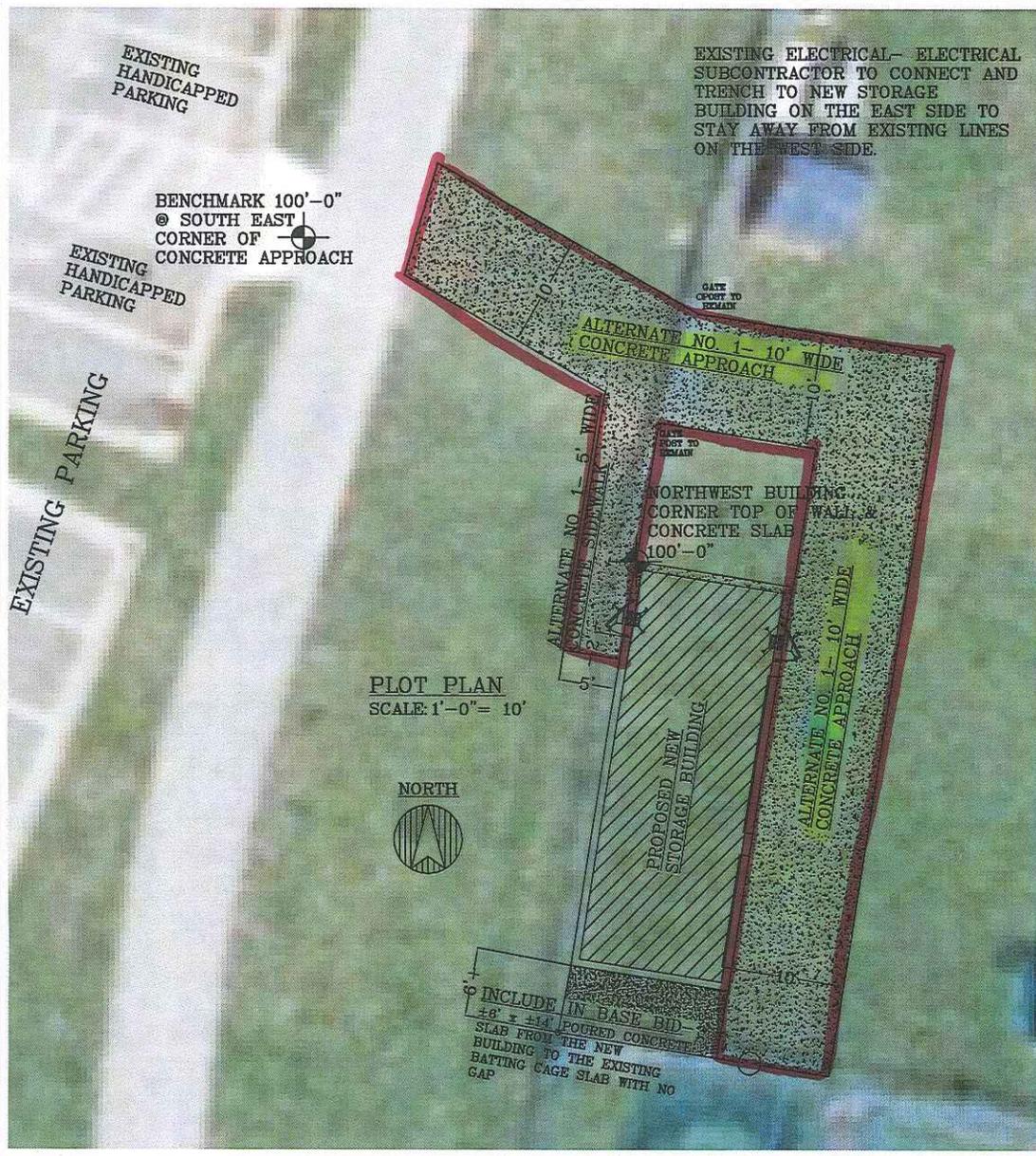
Concurrence:



Daniel G. Knoeck
Director of Public Works



Steve Barg
City Administrator



CONSTRUCTION NOTES

MATERIAL	EXISTING PRODUCT TO MATCH EXACTLY
CONCRETE BLOCK	COUNTY CONCRETE SPLIT FACE BLOCK IS "PEBBLE BEACH" #18-002C & MATCHING MORTAR COLOR IS "WESTERN" ULTRALITE
SHINGLE	CERTAINTED "LANDMARK" 30 YEAR "HUNTER GREEN"
STEEL SOFFIT & FASCIA	EDCO 16" CENTER VENT SOFFIT, ROOF EDGE, FASCIAS & MISCELLANEOUS TRIM IS "HARTFORD GREEN"

MATCH EXISTING BUILDING EXTERIOR FINISHES- ANY PRODUCT SUBSTITUTED MUST BE APPROVED IN WRITING BY THE OWNER OR IT MUST BE REMOVED AT CONTRACTORS EXPENSE AND REPLACED WITH EXACT MATCH.

BUILDING LOADS

COMMERCIAL SNOW LOAD PER IBC TABLE 1608.2	50# /SF
RAFTER LIVE LOAD	40# /SF
RAFTER DEAD LOAD	15# /SF
WIND LOAD PER IBC TABLE 1609 (3 SECOND BURST)	90 MPH
SOIL BEARING CAPACITY	3,000PSI
CONCRETE MIN. PSI	3,500
REINFORCING STEEL TO BE 60,000 KSI- MIN. 3 " COVER	

KEY TO DRAWINGS

PAGE	DESCRIPTION
A1 OF 6	PLOT PLAN & CONSTRUCTION NOTES
A2 OF 6	SPECIFICATIONS- PAGE 1
A3 OF 6	SPECIFICATIONS- PAGE 2
A4 OF 6	FLOOR PLAN & ELEVATIONS
A5 OF 6	FOUNDATION PLAN & EXTERIOR CONCRETE
A6 OF 6	CROSS SECTION, DETAILS & ELEVATIONS
E1 OF 1	ELECTRICAL PLAN & SPECIFICATION

DRAWN BY: [Name]
 DATE: 08/04/14
 CHECKED BY: [Name]
 DATE: 08/04/14
 PROJECT: [Name]
 SHEET: 180205 20 JAN 16

PROPOSED STORAGE BUILDING FOR
 CITY OF MARSHFIELD
 Hackman Field Storage Building
 Project #61-2856

BESTIMATE LLC
<http://bestimatellc.com>
 bob@bestimatellc.com
 714 E Ninth St
 Marshfield, WI 54449
 715-506-0040



City of Marshfield
Wastewater Utility
2601 E. 34th Street
Marshfield, WI 54449-5363



MARSHFIELD
Wastewater Utility

Sam Warp Jr.
Wastewater Superintendent
(715) 591-2022
Fax (715) 591-2027
sam.warp@ci.marshfield.wi.us

To: Board of Public Works
Chairman – Tom Buttke
Members – Mike Feirer, Chris Jockheck, Ed Wagner, Gary Cummings
From: Sam Warp Jr., Wastewater Superintendent
Subject: Purchase a new Work Van to replace the current M72 van.
Date: April 4, 2016

Background

In 2002 the City of Marshfield made the decision that the sanitary sewer infrastructure needed a thorough in house evaluation. From here funds could be targeted to the worst areas first to stay ahead of the crumbling pipes. Because of this commitment, the first Van and trailer combination were purchased to televise the sanitary system. In 2014, the trailer was upgraded and at 14 years old, the van is in need of the same.

Analysis

Last summer we used the state bid rates to get an accurate number for the fixed asset budget. From here we narrowed our search to local dealerships and the brands offered. The vehicle chosen is a taller work van with a side entry door that can pull our camera trailer. The General Motors line doesn't offer this type of vehicle. Dodge doesn't offer the towing ability in the lower priced vehicles. They do offer dual rear wheel vans, but that prices them out of our market. Ford has several options in this Van style, with the price and towing capabilities we need.

V&H Automotive was contacted and using current incentives, they gave us a quote that is \$1,101 under the state bid. This is a very basic work van with heavy towing package and safety options added. The side door will be much safer to get the lateral camera out when the trailer is connected.

Summary/Recommendations

We feel the value to the rate payers for this vehicle, which is under the state bid, is an asset to all involved and recommend the purchase of the Ford Transit-350 work van from V & H Automotive for \$29,512.50

Feel free to contact us with any questions.
Thank You.

Concurrence:

Dan Knoeck, Director of Public Works

Steve Barg, City Administrator



V & H Automotive, Inc.
2414 N. Central Avenue, Marshfield, Wisconsin, 54449
Office: 715-387-2545 Fax: 715-389-6201

Customer Proposal

Prepared for:

Mr. Sam Warp, Jr.
City of Marshfield - Wastewater Utility
2601 East 34th Street
Marshfield, WI 54449
Office: 715-591-2022
Fax: 715-591-2027

Prepared by:

SAMUEL JIRSCHLE
Office: 715-387-2545
Email: sjirschele@vhautos.com

Date: 03/14/2016

Vehicle: 2016 Transit-350 Base
High Roof Cargo Van 148" WB

VIN #: ORDER OUT

STOCK #: ORDER OUT





V & H Automotive, Inc.
 2414 N. Central Avenue, Marshfield, Wisconsin,
 54449
 Office: 715-387-2545

2016 Transit-350, High Roof Cargo Van
 High Roof Cargo Van 148" WB Base(W2X)
 VIN: ORDER OUT STOCK: ORDER OUT

Selected Options

Description	MSRP
Base Vehicle	
Base Vehicle Price (W2X)	\$37,340.00
Packages	
Order Code 101A	N/C
Powertrain	
Engine: 3.7L Ti-VCT V6	Included
<i>Includes SEIC capability.</i>	
Transmission: 6-Speed Automatic w/OD & SelectShift	Included
4.10 Limited-Slip Axle Ratio	\$325.00
GVWR: 9,500 lbs	Included
Wheels & Tires	
Tires: 235/65R16 AS BSW	Included
Wheels: 16" Steel w/Black Hubcaps	Included
Seats & Seat Trim	
Dual Bucket Seats w/Dr Manual Lumbar (21M)	\$60.00
<i>Includes 2-way manual (fore/aft/recline) driver and front passenger seats and inboard armrests. Rear passenger seat rows also cloth.</i>	
<i>Includes:</i>	
<i>- Driver & Front Passenger-Side Front Airbags</i>	
<i>- Safety Canopy Side Curtain Airbags</i>	
Cloth Front Bucket Seats	N/C
<i>Includes adjustable headrests.</i>	
Other Options	
Monotone Paint Application	STD
148" Wheelbase	STD
Engine Block Heater	\$75.00
<i>(400W Rating)</i>	
Tow/Haul Mode w/Trailer Wiring Provisions	Included
<i>Includes trailer wiring harness, blunt-cut trailer/upfit wiring to rear of vehicle and trailer stability control (TSC).</i>	
Heavy-Duty Trailer Tow Package	\$465.00

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.



V & H Automotive, Inc.
 2414 N. Central Avenue, Marshfield, Wisconsin,
 54449
 Office: 715-387-2545

2016 Transit-350, High Roof Cargo Van
 High Roof Cargo Van 148" WB Base(W2X)
 VIN: ORDER OUT STOCK: ORDER OUT

Selected Options (cont'd)

Description	MSRP
Radio: AM/FM Stereo	Included
<i>Includes 4-pin/7-pin connector, electric brake controller tap-in capability and relay system for backup/B+/running lights.</i> <i>Includes:</i> - Tow/Haul Mode w/Trailer Wiring Provisions - Includes trailer wiring harness, blunt-cut trailer/upfit wiring to rear of vehicle and trailer stability control (TSC). - Frame Mounted Hitch Receiver <i>Includes 2 speakers and audio input jack.</i>	
Emissions	
50-State Emissions System	STD
Interior Colors	
Charcoal	N/C
Primary Colors	
Oxford White	N/C
Upfit Options	
Adrian Steel Partition	\$882.00
<i>Adrian Steel brand partition for a Ford Transit 250 High Roof van; installed.</i>	
SUBTOTAL	\$39,147.00
Destination Charge	\$1,195.00
TOTAL	\$40,342.00

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.



Selected Equipment & Specs

Dimensions

- * Exterior length: 237.6"
- * Exterior height: 110.1"
- * Front track: 68.2"
- * Front legroom: 39.7"
- * Front hiproom: 67.5"
- * Cargo volume: 404.3cu.ft.
- * Exterior width: 81.3"
- * Wheelbase: 148.0"
- * Rear track: 68.6"
- * Front headroom: 56.6"
- * Front shoulder room: 67.9"
- * Maximum cargo volume: 404.3cu.ft.

Powertrain

- * 270hp 3.7L DOHC 24 valve V-6 engine with Ti-VCT variable valve control, SMPI
- * ULEV II
- * Rear-wheel drive
- * Fuel Economy Cty: N/A
- * Capless fuel filler
- * Recommended fuel : regular unleaded
- * 6 speed automatic transmission with overdrive
- * Limited slip differential
- * Fuel Economy Highway: N/A

Suspension/Handling

- * Front independent strut suspension with anti-roll bar, HD shocks
- * Hydraulic power-assist rack-pinion Steering
- * LT235/65SR16 BSW AS front and rear tires
- * Rear rigid axle leaf spring suspension with HD shocks
- * Front and rear 16 x 7 argent steel wheels

Body Exterior

- * 3 doors
- * Driver and passenger power remote folding door mirrors
- * Black bumpers
- * Clearcoat paint
- * Sliding right rear passenger
- * Black door mirrors
- * Trailer harness
- * Front and rear 16 x 7 wheels

Convenience

- * Manual air conditioning
- * Driver 1-touch down
- * Manual tilt steering wheel
- * 1 1st row LCD monitor
- * Dual visor mirrors
- * Driver and passenger door bins
- * Power front windows
- * Remote power door locks with 2 stage unlock and illuminated entry
- * Manual telescopic steering wheel
- * Front cupholders
- * Full overhead console

Seats and Trim

- * Seating capacity of 2
- * 4-way driver seat adjustment
- * 4-way passenger seat adjustment
- * Cloth seat upholstery
- * Front bucket seats
- * Manual driver lumbar support
- * Driver and passenger armrests
- * Metal-look instrument panel insert

Entertainment Features

- * AM/FM stereo radio
- * 4 speakers
- * Auxiliary audio input
- * Fixed antenna

Lighting, Visibility and Instrumentation

- * Halogen aero-composite headlights
- * Light tinted windows
- * Variable intermittent front windshield wipers
- * Front reading lights

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.



Selected Equipment & Specs (cont'd)

- * Tachometer
- * Low tire pressure warning
- * Camera(s) - rear
- * Trip odometer

Safety and Security

- * 4-wheel ABS brakes
- * 4-wheel disc brakes
- * ABS and driveline traction control
- * Dual seat mounted side impact airbag supplemental restraint system
- * Airbag supplemental restraint system occupancy sensor
- * Manually adjustable front head restraints
- * Brake assist with hill hold control
- * AdvanceTrac w/Roll Stability Control electronic stability
- * Dual front impact airbag supplemental restraint system with passenger cancel
- * Curtain 1st row overhead airbag supplemental restraint system
- * Power remote door locks with 2 stage unlock and panic alarm

Dimensions

General Weights

Curb	5289 lbs.	GVWR	9500 lbs.
Front GAWR	4130 lbs.	Rear GAWR	5515 lbs.
Payload	4220 lbs.	Front curb weight	2949 lbs.
Rear curb weight	2340 lbs.	Front axle capacity	4130 lbs.
Rear axle capacity	5515 lbs.	Front spring rating	4130 lbs.
Rear spring rating	5515 lbs.	Front tire/wheel capacity	6394 lbs.
Rear tire/wheel capacity	5996 lbs.		

Trailer Type

Harness	Yes	Trailer sway control	Yes
---------	-----	----------------------	-----

General Trailering

Towing capacity	6200 lbs.	GCWR	12000 lbs.
-----------------	-----------	------	------------

Fuel Tank type

Capacity	25 gal.	Capless fuel filler	Yes
----------	---------	---------------------	-----

Off Road

Load floor height	29 "
-------------------	------

Interior cargo

Cargo volume	404.3 cu.ft.	Maximum cargo volume	404.3 cu.ft.
Height	81.5 "	Length	143.7 "
Minimum width	54.8 "	Maximum width	70.2 "

Powertrain

Engine Type

Block material	Aluminum	Cylinders	V-6
Head material	Aluminum	Ignition	Electronic
Injection	Sequential MPI	Liters	3.7L
Orientation	Longitudinal	Recommended fuel	Regular unleaded
Valves per cylinder	4	Valvetrain	DOHC
Variable valve control	Ti-VCT		

Engine Spec

Bore	3.76"	Compression ratio	10.5:1
Displacement	228 cu.in.	Stroke	3.45"

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.



Selected Equipment & Specs (cont'd)

Engine Power

SAEJ1349 AUG2004 compliant Yes Output 270 HP @ 6,500 RPM
 Torque 250 ft.-lb @ 4,000 RPM

Alternator

Amps 150

Battery

Amp hours 70 Run down protection Yes

Engine Extras

Block heater Yes Oil cooler Yes

Transmission

Electronic control Yes Lock-up Yes
 Overdrive Yes Speed 6
 Type Automatic

Transmission Gear Ratios

1st	4.17	2nd	2.34
3rd	1.52	4th	1.14
5th	0.86	6th	0.69
Reverse Gear ratios	3.4		

Transmission Torque Converter

Stall ratio 2.00

Transmission Extras

Driver selectable mode Yes Sequential shift control SelectShift
 Oil cooler Regular

Drive Type

Type Rear-wheel

Drive Feature

Limited slip differential Mechanical Traction control ABS and driveline

Drive Axle

Ratio 4.1

Exhaust

Material Stainless steel System type Single

Emissions

CARB ULEV II EPA Tier 2 Bin 5

Fuel Economy

Fuel type Gasoline Equivalent measure Yes

Acceleration

0-60 mph (s) 8.26

1/4 Mile

Seconds 16.4 Speed 87 mph

Skid Pad

Lateral acceleration (g) 0.7

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.



V & H Automotive, Inc.
 2414 N. Central Avenue, Marshfield, Wisconsin,
 54449
 Office: 715-387-2545

2016 Transit-350, High Roof Cargo Van
 High Roof Cargo Van 148" WB Base(W2X)
 VIN: ORDER OUT STOCK: ORDER OUT

Selected Equipment & Specs (cont'd)

Slalom
 Speed 52 mph

Driveability

Brakes
 ABS 4-wheel
 Type 4-wheel disc
 ABS channels 4
 Vented discs Front

Brake Assistance
 Brake assist Yes
 Hill hold control Yes

Suspension Control
 Ride Regular
 Electronic stability Stability control with anti-roll

Front Suspension
 Independence Independent
 Anti-roll bar Regular
 Type Strut

Front Spring
 Type Coil
 Grade Regular

Front Shocks
 Type HD

Rear Suspension
 Independence Rigid axle
 Type Leaf

Rear Spring
 Type Leaf
 Grade Regular

Rear Shocks
 Type HD

Steering
 Activation Hydraulic power-assist
 Type Rack-pinion

Steering Specs
 # of wheels 2

Exterior

Front Wheels
 Diameter 16" Width 7.00"

Rear Wheels
 Diameter 16" Width 7.00"

Spare Wheels
 Wheel material Steel

Front and Rear Wheels
 Appearance Argent
 Covers Hub
 Material Steel

Front Tires
 Aspect 65
 Sidewalls BSW
 Diameter 16"
 Speed S

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.



Selected Equipment & Specs (cont'd)

Tread	AS	Type	LT
Width	235mm	RPM	720
Rear Tires			
Aspect	65	Diameter	16"
Sidewalls	BSW	Speed	S
Tread	AS	Type	LT
Width	235mm	RPM	720
Spare Tire			
Mount	Underbody w/crankdown	Type	Full-size
Wheels			
Front track	68.2"	Rear track	68.6"
Wheelbase	148.0"		
Body Features			
Body material	Fully galvanized steel	Side impact beams	Yes
Body Doors			
Door count	3	Right rear passenger	Sliding
Rear cargo	Split swing-out		
Exterior Dimensions			
Length	237.6"	Body width	81.3"
Body height	110.1"	Rear door opening height	74.3"
Rear door opening width	61.7"		

Safety

Airbags

Driver front-impact	Yes	Driver side-impact	Seat mounted
Occupancy sensor	Yes	Overhead	Curtain 1st row
Passenger front-impact	Cancellable	Passenger side-impact	Seat mounted

Seatbelt

Height adjustable	Front	Pre-tensioners	Front
Pre-tensioners (#)	2		

Security

Panic alarm	Yes
-------------	-----

Seating

Passenger Capacity

Capacity	2
----------	---

Front Seats

Split	Buckets	Type	Bucket
-------	---------	------	--------

Driver Seat

Fore/aft	Manual	Reclining	Manual
Way direction control	4	Lumbar support	Manual

Passenger seat

Fore/aft	Manual	Reclining	Manual
Way direction control	4		

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.



Selected Equipment & Specs (cont'd)

Front Head Restraint			
Control	Manual	Type	Adjustable
Front Armrest			
Driver	Yes	Passenger	Yes
Front Seat Trim			
Material	Cloth	Back material	Cloth
Convenience			
AC And Heat Type			
Air conditioning	Manual		
Audio System			
Auxiliary audio input	Yes	Radio	AM/FM stereo
Radio grade	Regular	Seek-scan	Yes
Audio Speakers			
Speaker type	Regular	Speakers	4
Audio Antenna			
Type	Fixed		
LCD Monitors			
1st row	1		
Convenience Features			
Driver foot rest	Yes	12V DC power outlet	2
Door Lock Activation			
Type	Power with 2 stage unlock	Remote	Keyfob (all doors)
Integrated key/remote	Yes	Auto locking	Yes
Door Lock Type			
Tailgate/rear door lock	Included with power door locks		
Instrumentation Type			
Display	Analog		
Instrumentation Gauges			
Tachometer	Yes	Engine temperature	Yes
Instrumentation Warnings			
Oil pressure	Yes	Engine temperature	Yes
Battery	Yes	Lights on	Yes
Key	Yes	Low fuel	Yes
Door ajar	Yes	Trunk/liftgate ajar	Yes
Service interval	Yes	Brake fluid	Yes
Low tire pressure	Yes		
Instrumentation Displays			
Clock	In-radio display	Camera(s) - rear	Yes
Instrumentation Feature			
PRND in IP	Yes	Trip odometer	Yes

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.



Selected Equipment & Specs (cont'd)

Steering Wheel Type
 Material Urethane Tilting Manual
 Telescoping Manual

Front Side Windows
 Window 1st row activation Power

Window Features
 1-touch down Driver Tinted Light

Front Windshield
 Wiper Variable intermittent

Interior

Driver Visor
 Mirror Yes

Passenger Visor
 Mirror Yes

Headliner
 Coverage Front Material Cloth

Floor Trim
 Coverage Front Covering Vinyl/rubber

Trim Feature
 Instrument panel insert Metal-look Gear shift knob Urethane

Lighting
 Dome light type Fade Front reading Yes
 Illuminated entry Yes Variable IP lighting Yes

Overhead Console Storage
 Storage Yes Type Full

Storage
 Driver door bin Yes Front Beverage holder(s) Yes
 Glove box Yes Passenger door bin Yes
 Instrument panel Bin

Cargo Space Feature
 Tie downs Yes Light Yes

Legroom
 Front 39.7"

Headroom
 Front 56.6"

Hip Room
 Front 67.5"

Shoulder Room
 Front 67.9"

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.



V & H Automotive, Inc.
 2414 N. Central Avenue, Marshfield, Wisconsin,
 54449
 Office: 715-387-2545

2016 Transit-350, High Roof Cargo Van
 High Roof Cargo Van 148" WB Base(W2X)
 VIN: ORDER OUT STOCK: ORDER OUT

Pricing - Single Vehicle

MSRP

Vehicle Pricing

Vehicle Price	\$37,340.00
Options & Colors	\$925.00
Upfitting	\$882.00
Destination Charge	\$1,195.00

Post-Tax Adjustments

Description

VIP Discount	-\$10,904.00
Municipal Plate and Title Fee	\$74.50

Total	\$29,512.50
--------------	--------------------

Customer Signature

Acceptance Date

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.

Prepared for: Mr. Sam Warp, Jr., City of Marshfield - Wastewater Utility
 By: SAMUEL JIRSCHLE Date: 03/14/2016 | Price Level: 640 Quote ID: 03-14-16



V & H Automotive, Inc.
 2414 N. Central Avenue, Marshfield, Wisconsin,
 54449
 Office: 715-387-2545

2016 Transit-350, High Roof Cargo Van
 High Roof Cargo Van 148" WB Base(W2X)
 VIN: ORDER OUT STOCK: ORDER OUT

Warranty - Selected Equipment & Specs

Warranty

Basic

Distance 36000 miles Months 36 months

Powertrain

Distance 60000 miles Months 60 months

Corrosion Perforation

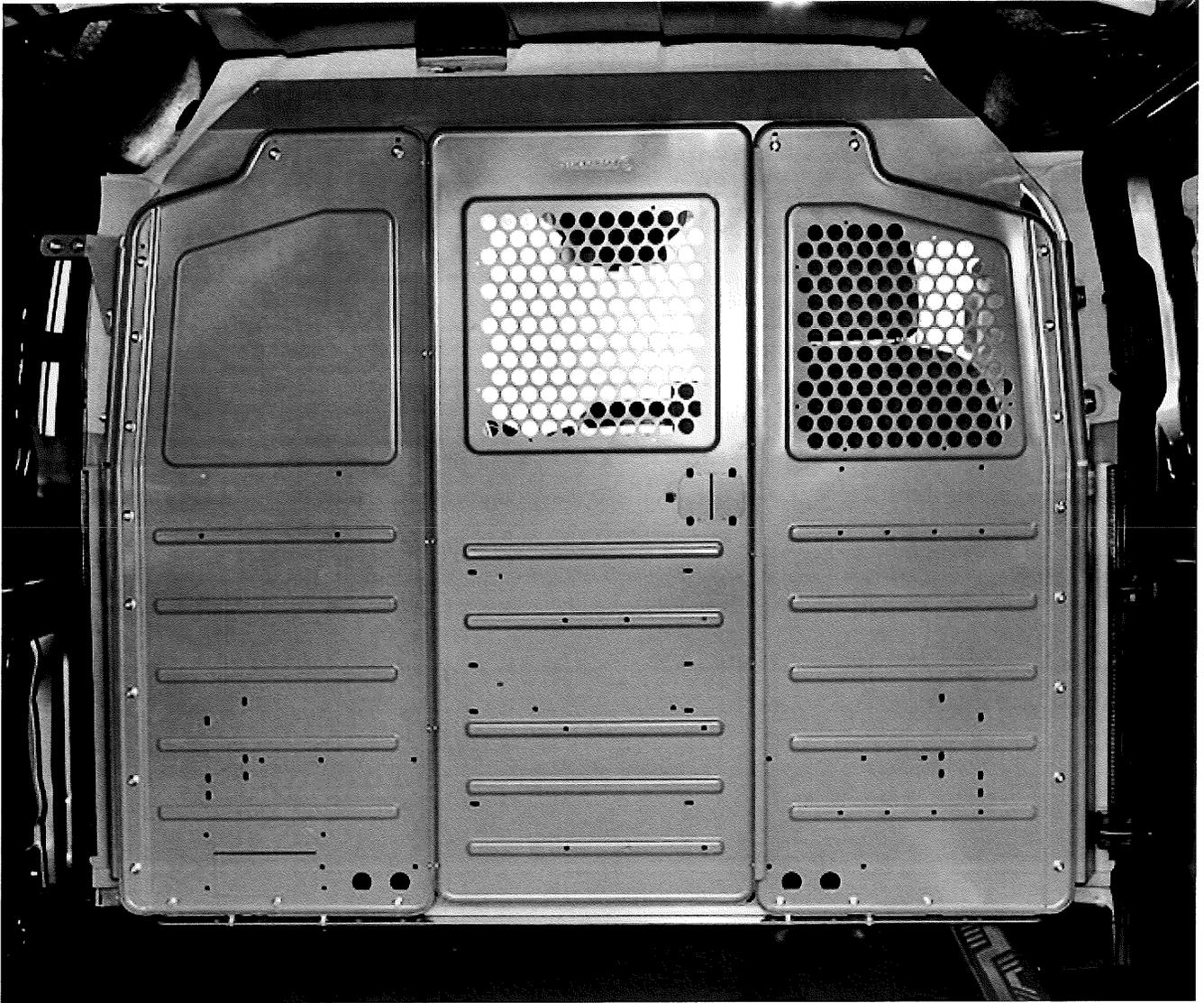
Distance Unlimited miles Months 60 months

Roadside Assistance

Distance 60000 miles Months 60 months

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.

Prepared for: Mr. Sam Warp, Jr., City of Marshfield - Wastewater Utility
 By: SAMUEL JIRSHELE Date: 03/14/2016 | Price Level: 640 Quote ID: 03-14-16



MY 2016 Ford Transit Van

Bidder	Make	Model	Bid Item	Cab	Rear Wheel	Wheel Base	Drive RWD	Engine					Equipment Appendicies	
								3.7L V6	E85 (Y/N)	EcoBoost	CNG	Diesel	Required	Optional
Ewald Hartford Ford	Low Roof Models (83.6")	Ford Transit 150	F99	Van-Cargo	SRW	130	X	\$22,117	ADD \$129	\$23,609	\$33,101	\$26,654	R13	O21
		Ford Transit 150	F100	Van-Cargo	SRW	148	X	\$22,856	ADD \$129	\$24,348	\$33,740	\$27,393	R13	O21
		Ford Transit 150 (8 seats)	F101	Wagon	SRW	130	X	\$23,882	NO	\$25,376		N/A	R13	O21
		Ford Transit 250	F102	Van-Cargo	SRW	130	X	\$22,943	ADD \$129	\$24,435	\$33,827	\$27,480	R13	O21
		Ford Transit 250	F103	Van-Cargo	SRW	148	X	\$23,683	ADD \$129	\$25,175	\$34,567	\$28,220	R13	O21
		Ford Transit 350	F104	Van-Cargo	SRW	148	X	\$25,471	ADD \$129	\$26,963	\$36,355	\$30,008	R13	O21
	Medium Roof Models (100.8")	Ford Transit 350 (12 seats)	F105	Wagon	SRW	148	X	\$27,059	ADD \$129	\$28,551	\$38,279	\$31,596	R13	O21
		Ford Transit 150	F106	Van-Cargo	SRW	130	X	\$22,513	ADD \$129	\$24,005	\$33,397	\$27,050	R13	O21
		Ford Transit 150	F107	Van-Cargo	SRW	148	X	\$23,992	ADD \$129	\$25,484	\$34,876	\$28,530	R13	O21
		Ford Transit 150 (8 seats)	F108	Wagon	SRW	130	X	\$25,021	NO	\$26,515		N/A	R13	O21
		Ford Transit 250	F109	Van-Cargo	SRW	130	X	\$23,339	ADD \$129	\$24,831	\$34,223	\$27,877	R13	O21
		Ford Transit 250	F110	Van-Cargo	SRW	148	X	\$24,818	ADD \$129	\$26,310	\$35,702	\$27,756	R13	O21
	High Roof Models (110.1")	Ford Transit 350	F111	Van-Cargo	SRW	148	X	\$25,906	ADD \$129	\$27,398	\$36,790	\$30,444	R13	O21
		Ford Transit 350 (12 seats)	F112	Wagon	SRW	148	X	\$28,199	ADD \$129	\$29,691	\$39,419	\$32,751	R13	O21
		Ford Transit 250	F113	Van-Cargo	SRW	148	X	\$26,449	ADD \$129	\$27,941	\$37,333	\$30,987	R13	O21
		Ford Transit 250 Extended	F114	Van-Cargo	SRW	148 EL	X	\$27,580	ADD \$129	\$29,072	\$38,464	\$32,118	R13	O21
		Ford Transit 350	F115	Van-Cargo	SRW	148	X	\$27,537	ADD \$129	\$29,029	\$38,421	\$32,074	R13	O21
		Ford Transit 350 Extended	F116	Van-Cargo	SRW	148 EL	X	\$28,668	ADD \$129	\$30,160	\$39,552	\$31,606	R13	O21
		Ford Transit 350 (12 seats)	F117	Wagon	SRW	148	X	\$29,460	ADD \$129	\$30,952	\$40,680	\$33,998	R13	O21
		Ford Transit 350 Extended	F118	Van-Cargo	DRW	148 EL	X			\$30,451		\$31,897	R13	O21
		Ford Transit 350 Extended 10k GVWR	F119	Van-Cargo	DRW	148 EL	X			\$30,756		\$32,202	R13	O21
		Ford Transit 350 Extended (15 seats)	F120	Wagon	DRW	148 EL	X			\$32,040		\$33,486	R13	O21
		Ford Transit 250	F121	Cutaway	SRW	138	X	\$19,064	ADD \$129		\$30,048	\$23,602	R13	O21
		Ford Transit 250	F122	Cutaway	SRW	156	X	\$19,238	ADD \$129		\$30,222	\$23,776	R13	O21
		Ford Transit 350	F123	Cutaway	SRW	156	X	\$19,912	ADD \$129		\$30,896	\$24,450	R13	O21
		Cutaway and Chassis Cab	Ford Transit 250	F124	Chassis Cab	SRW	138	X	\$19,564	ADD \$129		\$30,548	\$24,102	R13
	Ford Transit 250		F125	Chassis Cab	SRW	156	X	\$19,738	ADD \$129		\$30,722	\$24,276	R13	O21
	Ford Transit 350		F126	Chassis Cab	SRW	156	X	\$20,413	ADD \$129		\$31,397	\$24,951	R13	O21
	Ford Transit 350		F127	Cutaway	DRW	138	X	\$20,525	NO		\$31,509	\$25,063	R13	O21
	Ford Transit 350		F128	Cutaway	DRW	156	X	\$20,916	NO		\$31,900	\$25,454	R13	O21
	Ford Transit 350		F128A	Chassis Cab	DRW	138	X	\$21,025	NO		\$32,009	\$25,563	R13	O21
	Ford Transit 350		F129	Cutaway	DRW	178	X	\$21,569	NO		\$32,553	\$26,107	R13	O21
	Ford Transit 350		F129A	Chassis Cab	DRW	156	X	\$21,417	NO		\$32,401	\$25,955	R13	O21
	Ford Transit 350 10k GVWR		F130	Cutaway	DRW	138	X	\$20,747	NO		\$31,731	\$25,285	R13	O21
	Ford Transit 350		F130A	Chassis Cab	DRW	178	X	\$22,069	NO		\$33,053	\$26,607	R13	O21
	Ford Transit 350 10k GVWR		F131	Cutaway	DRW	156	X	\$21,134	NO		\$32,118	\$25,672	R13	O21
Ford Transit 350 10k GVWR	F131A		Chassis Cab	DRW	138	X	\$21,243	NO		\$32,227	\$25,781	R13	O21	
Ford Transit 350 10k GVWR	F132	Cutaway	DRW	178	X	\$21,786	NO		\$32,770	\$26,324	R13	O21		
Ford Transit 350 10k GVWR	F132A	Chassis Cab	DRW	156	X	\$21,634	NO		\$32,618	\$26,172	R13	O21		
Ford Transit 350 10k GVWR	F133	Chassis Cab	DRW	178	X	\$22,287	NO		\$33,271	\$26,825	R13	O21		



City of
Marshfield
Memorandum

March 29, 2016

TO: Board of Public Works

FROM: Dan Knoeck, Director of Public Works

SUBJECT: Revised Project Agreement with WisDOT for North Central Avenue

BACKGROUND

The City entered into an agreement with WisDOT in 2010 for improvements to North Central Avenue from Arnold Street to Harrison Street. The agreement requires the City to participate in 25% of the design engineering costs. It also indicates that the City is responsible for costs related to improvement of parking lanes, although those costs were not identified or even known back in 2010. WisDOT has updated the cost estimates for the project and is now asking the City to sign a revised project agreement.

ANALYSIS

The primary revisions to the Agreement are the updated costs shown in Table 1. The design engineering cost has been updated with the City share estimated at \$81,250. The City share for parking lane improvements is a lump sum of \$18,000. The State and the City will share in the cost of conduit installation to interconnect traffic signals at Arnold Street and Doege Street at an estimated City share of \$19,500 and finally there is a local utility cost share for adjusting manholes estimated at \$4,000. The total City share is estimated at \$122,750.

With regard to the City share for parking, in early 2015, the Board of Public Works approved parking locations after several meetings with property owners. Those locations are shown on Exhibit 1 of the Agreement. The Agreement obligates the city to enforce parking restrictions at all other locations within the project limits. This will require an update to our parking regulations to coincide with the project completion.

RECOMMENDATION

Approval of the revised project agreement and authorization to execute the same.

Concurrence: 
Steve Barg, City Administrator



1st Revision

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

This agreement supersedes the agreement signed by the Municipality on 09/10/2010.

Date: March 25, 2016
 I.D.:6380-06-05/25/75
 Road Name: STH 97
 Title: C Marshfield, Central Avenue
 Limits: Arnold St. to Harrison St.
 County: Wood
 Roadway Length: .49 miles

The signatory **City of Marshfield**, 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 affect 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: The existing asphalt pavement is 23 years old and is showing signs of distress and rutting.

Proposed Improvement: It is proposed to design a construction project that will extend the service life of the roadway. The project improvement concept is a pavement rehabilitation (mill and overlay with asphalt).

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: 6380-06-05	\$ 325,000	\$ 243,750	75%	\$ 81,250	25%
Real Estate Acquisition: 6380-06-25	\$ 30,000	\$ 30,000	100%	\$ -	0%
¹ Construction:					
Roadway (cat 10)	\$ 1,396,000	\$ 1,396,000	BAL	\$ -	
Parking Policy	\$ 18,750			\$ 18,000	LS
Signal Interconnect (cat 20)	\$ 39,000	\$ 19,500	² MAX	\$ 19,500	BAL
Local Utility (cat 30)	\$ 4,000	\$ -	0%	\$ 4,000	100%
subtotal 6380-06-75:	\$ 1,457,750	\$ 1,415,500		\$ 41,500	
Total Cost Distribution	\$ 1,812,750	\$ 1,689,250		\$ 122,750	

¹ Estimate includes engineering

²The Maximum is \$19,500 per #9 of Terms and Conditions

This request is subject to the terms and conditions that follow (pages 2 – 7) 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 City of Marshfield (please sign in blue ink)	
Name (print)	Title
Signature	Date
Name (print)	Title
Signature	Date
Name (print)	Title
Signature	Date
Signed for and in behalf of the State (please sign in blue ink)	
Name Brian Gaber	Title WisDOT North Central Region Planning Chief
Signature	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 exceeds 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, which shows 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.
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 during construction. All hazardous material cleanup work shall be performed in accordance to state and federal regulations.
 - (g) Damages to abutting property due to change in street or sidewalk widths, grades, or drainage.
 - (h) Conditioning, if required, and maintenance of detour routes.
 - (i) Repair of damages to roads or streets caused by reason of their use in hauling materials incidental to the improvement.
 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 to include, but not limited to, snow and ice removal from sidewalks, 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.
 - (c) The Municipality will maintain the storm sewer in conjunction with this improvement project at their own expense. This maintenance will include the following items:

1. Street Sweeping Program: Sweeping operations should be scheduled at least twice per year (once in April and once in November) to help prevent the accumulation of dirt, sand, leaves, paper, or other clogging debris. Damage to curb and gutter areas that could affect the efficiency of flow should be reported to the State.
 2. Spring Cleaning and Inspection of Inlets, Catch Basins, Manholes, Pipes and Outfalls: The overall desire is to maintain a free flow condition throughout the life of the facility. Vacuum equipment is recommended for cleaning inlets, catch basins, and manholes. Clean the inlets and outlets of pipes and outfall areas from blockages due to weed growth, siltation, debris from the roadway or slope and activity of animals. It may be necessary to flush using large quantities of clean water. Replace broken or malfunctioning castings, grates or covers. During the spring cleaning and inspections; perform routine mortar repairs such as tuck pointing and plastering to the inlets, catch basins, and manholes; document and report any non-routine maintenance required to the storm system. Report these findings to the State.
- (d) Maintain and accept responsibility for the energy, operation, maintenance, repair, and replacement of the lighting system.
 - (e) Prohibit angle parking.
 - (f) Regulate parking along the highway. The Municipality will file a no parking declaration with the State.
 - (g) Regulate and prohibit, by ordinance, parking at all times on STH 97 between Edison Street and Harrison Street.
 - (h) Use the WisDOT Utility Accommodation Policy unless the Municipality adopts a policy which has equal or more restrictive controls.
 - (i) 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.
 - (j) Maintain items that may be provided using special funding.
 - (k) Coordinate with the State on changes to highway access within the project limits.
 - (l) Assume general responsibility for all public information and public relations for the project and to make a fitting announcement 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 projects.
9. Basis for local participation:
- (a) Preliminary Engineering – Project ID 6380-06-05:

In accordance with the State's Local Cost Sharing Policy of the Program Management Manual, the State is responsible for 75% of all design engineering costs and the Municipality is responsible for 25% of the preliminary engineering costs for improvement projects on a connecting highway. Additional design work, at the request of the Municipality, may require additional local participation.

(b) Real Estate Acquisition – Project ID: 6380-06-25:

It shall be the responsibility of the Municipality to provide all of the real estate work and payments necessary to acquire the rights, interests, and/or releases for this project. However, in accordance with Program Management Manual, the State is responsible for all costs associated with the acquisition of the necessary real estate thereof.

When State or Federal dollars are to be used to reimburse the Municipality for any real estate acquisition related costs, all real estate activities are subject to reviews and approvals by the State. Required State reviews and approvals are identified in the Local Public Agency manual. Examples of some review and approval items are listed in the following table.

Contract services & fee for consultant services	Nominal Value approvals
Capability statement for consultant services	Administrative revisions
Appraisal reviews	Revised offers
Offering price approvals	Acquisition Stage Relocation Plan
Relocation computations	Revised relocation computations
Relocation claims	Sales Studies

The Municipality will be given direct cash reimbursement for the approved real estate costs of this project. Reimbursement will be limited to one payment request for the total real estate expenditures when all real estate activities have been completed.

In order for the Municipality to receive reimbursement for acquiring the real estate, the State must be given copies of all the related documents for review and approval. The reimbursement will be based on detailed invoices and supporting documents provided by the Municipality to the State, which show actual expenditures.

Approved real estate costs are those actual costs appropriately documented by the Municipality, and further approved by the State for reimbursement.

Real Estate Remnant Parcels: Any remnant properties created by partial acquisitions and acquired as part of this public improvement project, or any additional lands deemed unnecessary for the project, will be acquired by the Municipality. Such remnants or additional lands will not be considered for reimbursement of their acquisition costs and must be purchased with Municipal funds. Post project disposal and/or use of these remnants and additional lands will be at the sole discretion of the Municipality.

All municipal lands, owned by the Municipality being party to this agreement, required for this improvement project shall be dedicated/donated as right of way by specific resolution of the municipal governing body at no cost to the State. Exceptions to this dedication are those lands held by the municipality under 4F and 6F Park lands.

(c) Participating Construction - Project ID: 6380-06-75:

Roadway (Category 10): In accordance with the State's Local Cost Sharing Policy of the Program Management Manual, the State is responsible for all costs associated with the usual items of roadway and structure construction (bridge replacement, grading, paving, etc.), which are an integral part of the construction project.

Parking Policy: In accordance with State Statute 86.32(4), the Municipality is required to pay the actual construction costs and any associated costs (if applicable) of that part of the state trunk highway on which parking is permitted. The Municipality has requested that parking be allowed on both sides of the roadway between Arnold Street and Edison Street; see Exhibit 1, which shows where parking will be allowed. The Municipality has agreed to pay the construction cost of parking on the roadway and has agreed to complete pavement marking of the stalls upon completion of the construction project. The State has calculated the total costs of \$18,000 including construction engineering therefore the Municipality agrees to pay a lump sum (LS) of \$18,000.

Sidewalks: In accordance with the State's Local Cost Sharing Policy of the Program Management Manual, replacement sidewalks necessitated by roadway construction are 100% eligible for Federal/State funding if the Municipality agrees to accept responsibility for sidewalk maintenance.

Driveways: In accordance with the State's Local Cost Sharing Policy of the Program Management Manual, when replacement driveways are necessitated by roadway construction and there is a sidewalk, concrete from curb to sidewalk and replacement in kind beyond the sidewalk is 100% eligible for Federal/State funding. When there is no sidewalk, replacement in kind beyond the curb is 100% eligible for Federal/State funding. New driveways are not eligible for Federal/State funding.

Storm Sewers: In accordance with the State's Local Cost Sharing Policy of the Program Management Manual, trunk line sewers needed to accommodate surface water naturally flowing to the street are fully eligible in the ratio that the estimated cost of the sewer needed to accommodate the water naturally flowing from the street bears to the total estimated cost of the sewer to be constructed. Laterals are eligible.

Replacement Street Lighting: In accordance with the State's Local Cost Sharing Policy of the Program Management Manual, the State is responsible for 100% of replacement lighting costs, in kind, necessitated by roadway construction if the Municipality agrees to accept responsibility for the energy, operation, maintenance and replacement of the lighting system per this agreement. The Municipality is responsible for 100% of any alternate design, over and above State standards and acceptable to the State.

Hazmat: The Municipality agrees to pay 100% of the costs associated with excavating and transporting hazardous material for which the Municipality has been identified as the responsibly party. The Municipality is responsible for securing a suitable site to store the material.

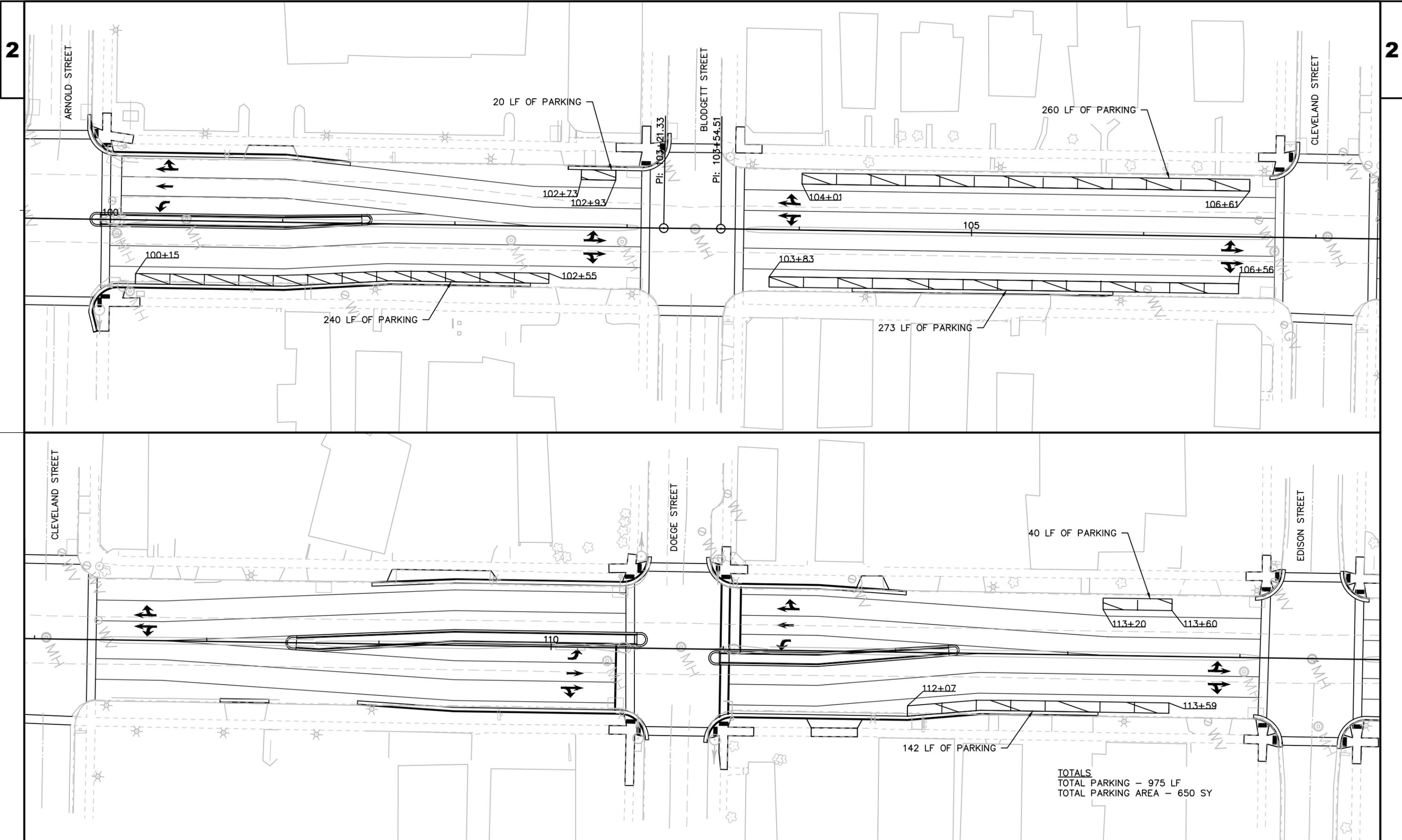
Signal Interconnect – (Category 20): In accordance the State's Local Cost Sharing Policy of the Program Management Manual, the State may negotiate. The Municipality has requested installation of conduit for future traffic signal interconnection. The State and Municipality have agreed to a 50/50 cost share as the State does find benefit of the interconnection. The State has calculated a total cost of \$39,000. The State agrees to pay a maximum of \$19,500 and the Municipality agrees to pay the balance.

Non-Participating - (Category 30):

Local Utilities: In accordance the State's Local Cost Sharing Policy of the Program Management Manual, the Municipality agrees to pay 100% of the costs associated with 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.

Driveways: In accordance with the State's Local Cost Sharing Policy of the Program Management Manual, when replacement driveways are necessitated by roadway construction and there is a sidewalk, concrete from curb to sidewalk and replacement in kind beyond the sidewalk is 100% eligible for Federal/State funding. When there is no sidewalk, replacement in kind beyond the curb is 100% eligible for Federal/State funding. New driveways are not eligible for Federal/State funding.

Comments and Clarification: This agreement is an active agreement that may need to be amended as the project is designed. It is understood that these amendments may be needed as some issues have not been fully evaluated or resolved. The purpose of this agreement is to specify the local and state involvement in funding the project. A signed agreement is required before the State will prepare or participate in the preparation of detailed designs, acquire right-of-way, or participate in construction of a project that merits local involvement.



PROJECT NO: 6380-06-05

HWY: STH 97

COUNTY: WOOD

PARKING COST SHARE

SHEET

E

City of Marshfield
Department of Public Works
Street Division
407 West 2nd Street
Marshfield, Wisconsin 54449



Mike Winch
Street Superintendent
(715) 486-2081
FAX: (715) 387-8669
ike.winch@ci.marshfield.wi.us

To: Tom Buttke, Chairman, Board of Public Works
Members, Board of Public Works
From: Mike Winch, Street Superintendent
R.E.: Plow Truck Equipment
Date: April 1, 2016

Background:

We have asked for separate quotes to purchase a Tandem Axle Dump Truck for 2016. The chassis quote has been approved, ordered and we are now seeking approval for the Plow Truck Equipment. The amount in the 2016 Machinery and Equipment budget for the body, plow and wing is \$62,796.00. Three requests for quotes were sent out, with only two companies supplying quotes.

Analysis:

Casper Truck Equipment 5300 Stewart Ave Wausau WI 54401	Monroe Truck Equipment 1601 E 29 th St Marshfield WI 54449	Stainless and Repair 8765 E 29 th St Marshfield WI 54449
\$55,792.00 135.00 – parking jack for plow 254.00 – rubber flap on plow <u>288.00</u> – folding arm on plow hitch \$56,469.00 Total	\$56,735.00	No Quote

- 1) The post-less design (Para-Glide) system for the plow wing that Monroe has is a preferred system over the Universal, Uni-Tilt Mast.
- 2) Monroe being local has a big benefit for service and parts as needed. This minimizes downtime during plowing operations.

Recommendation:

Both quotes we received are very competitive and close. After a review by an in-house committee of myself, Assistant Street Superintendents, Stock Clerk, Mechanic and Driver, I am recommending the quote from Monroe Truck Equipment of \$56,735 to purchase the plow truck equipment for our 2016 Tandem Axle Dump Truck.

If you have any questions in advance please feel free to contact me.

Concurrences

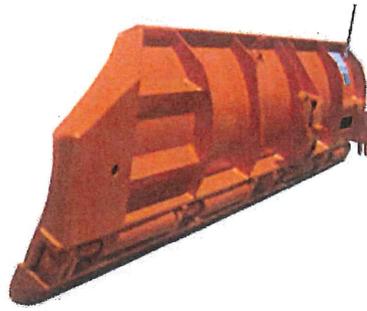
Cc: 
Dan Knoeck, Director of Public Works


Steve Barg, City Administrator

- ONE PASS CLEARING

Options:

- TRIP CUTTING EDGE IN LIEU OF STD. NON TRIP MOLBOARD
- FULL MOLDBOARD TRIP WITH TWO TELESCOPING PUSH ARMS IN LIEU OF STANDARD
- DUAL PUSH ARMS WITH STANDARD MOLDBOARD (NO TRIP)
- NITROGEN CHARGED CYLINDER IN LIEU OF SINGLE PUSH ARM (PERMITS ADJUSTABLE CUTTING PATH)
- TAPERED MOLDBOARD FROM 30" TO 38"
- CARBIDE CUTTING BLADES



Universal Uni-Tilt Mast

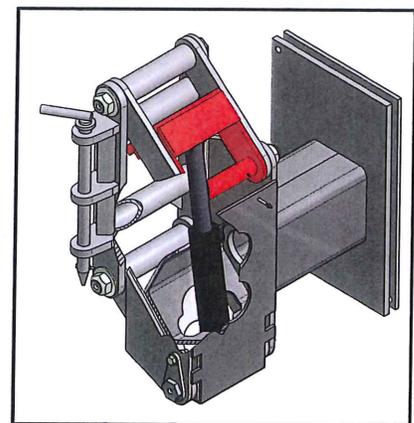
Casper

Para-Glide U.S. Patent No. 8,596,376
WING POST

Monroe

Standard Features:

- Full Floatation Reduces Road Shock and Vibration to the Vehicle
- Longer Service Life and Fewer Repairs with Increased Safety
- Faster Cycle Times
- Trailing Link Design Reduces the Risk of the Moldboard Toe End Digging into the Ground and Kicking Up into the Truck Cab
- 14" Full Float with 18" of Lift
- Front, Mid or Rear Mounts Available
- Primary Pivot Pins are Center Lined Drilled from Each End and Have a Cross Hole for Greasing.



**Para-Glide® Wing Post
in Full Float Position.**



City of
Marshfield
Memorandum

March 29, 2016

TO: Board of Public Works

FROM: Dan Knoeck, Director of Public Works

SUBJECT: Town of Cameron Maintenance Agreement – Heritage Drive

BACKGROUND

In January of 2016, the Board of Public Works approved a payment to the Town of Cameron related to lost road aids for Heritage Drive in the amount of \$638.58 per year. A copy of the staff report is attached for reference. The staff recommendation also included that an agreement with the Town be drafted to document this understanding for future payments.

ANALYSIS

A copy of the draft agreement is attached. It simply establishes the basis for the payment and how it is calculated. The agreement will continue until amended or terminated by mutual agreement.

RECOMMENDATION

Approve the Maintenance Agreement with the Town of Cameron.

Concurrence: 
Steve Barg, City Administrator



**City of
Marshfield**
Memorandum

January 15, 2016

TO: Board of Public Works

FROM: Dan Knoeck, Director of Public Works

SUBJECT: Payment to Town of Cameron for Lost Road Aids

BACKGROUND

With the completion of the relocation of USH 10, the Town of Cameron took over maintenance jurisdiction of Old Hwy 10, now called Heritage Drive. In 2013, the City annexed land south of Heritage Drive, which also included a portion of the Heritage Drive right-of-way south of Mill Creek Business Park. Because this 0.29 mile segment of Heritage Drive is now in the city limits of Marshfield, the Wisconsin Department of transportation has allocated the road aids for this segment to the City of Marshfield, even though the Town of Cameron continues to maintain this segment. The Town brought this to my attention in December of 2015 and asked to be reimbursed by the City for their share of road aids on this segment of Heritage Drive.

ANALYSIS

The Town is paid \$2,202 per mile for road aids so the 0.29 mile segment has a value of \$638.58. This allocation first occurred in calendar year 2015. As such it would be appropriate to approve a payment to the Town for both 2015 and 2016.

I further recommend that an agreement between the Town and the City be drafted that addresses the road aid payment going forward until such time as the City would take over maintenance jurisdiction of all or portions of Heritage Drive.

RECOMMENDATION

I recommend approval of a payment to the Town of Cameron for lost road aids on Heritage Drive for 2015 and 2016 in the amount of \$638.58 per year. I further recommend that staff be directed to draft an agreement with the Town to address road aid payments in the future.

Concurrence: 
Steve Barg, City Administrator

**CITY OF MARSHFIELD/TOWN OF CAMERON
MAINTENANCE AGREEMENT**

This **AGREEMENT**, made this ____ day of _____, 2016, between the City of Marshfield, Wisconsin, a municipal corporation, hereinafter referred to as "City" and the Town of Cameron, Wood County, Wisconsin, hereinafter referred to as "Town".

WHEREAS, the City and the Town share maintenance responsibilities for roadways on their common boundaries; and

WHEREAS, the Wisconsin Department of Transportation has recently made improvements to USH 10, resulting in Old Highway 10 being jurisdictionally transferred to the Town of Cameron and renamed Heritage Drive; and

WHEREAS, the City has annexed land on the south side of Heritage Drive and portions of Heritage Drive adjacent to said annexation are now within the City Limits of Marshfield; and

WHEREAS, the Wisconsin Department of Transportation pays local road aids to municipalities based on the street mileage within their boundary; and

WHEREAS, in the spirit of cooperation it is the desire of the City and the Town to enter into a mutually beneficial agreement to provide effective and efficient maintenance services on Heritage Drive;

THEREFORE, IT IS HEREBY AGREED AS FOLLOWS:

1. The Town will maintain Heritage Drive from its intersection with Central Avenue easterly to its intersection with Washington Avenue, located along the south line Section 20, Town 25 North, Range 3 East.
2. The City will pay to the Town on an annual basis the equivalent local road aids that the Town would otherwise receive for those portions of Heritage Drive that have been annexed to the City. At the time of this agreement, 0.29 miles of Heritage Drive lie within the City limits of the City of Marshfield. The Town is paid \$2,202 per mile from the Department of Transportation for local road aids. The resulting payment to the Town from the City is \$638.58 per year. Future payment will be based on the annual street mileage certification for the current year and the reimbursement rate per mile established by the Department of Transportation.
3. This agreement shall continue in full force and effect until or unless amended or terminated by mutual agreement.

CITY OF MARSHFIELD

TOWN OF CAMERON

Chris L. Meyer, Mayor

James Tremelling, Chairman

Deb M. Hall, City Clerk

Chris Kessler, Clerk



City of
Marshfield
Memorandum

March 31, 2016

TO: Board of Public Works

FROM: Dan Knoeck, Director of Public Works

SUBJECT: Engineering Services Agreement with MSA for East 29th Street – Washington Avenue to Hume Avenue

BACKGROUND

In 2014, the City was awarded an STP Urban Grant from the Wisconsin Department of Transportation for reconstruction of East 29th Street from Hume Avenue to Veterans Parkway. MSA Professional Services was selected for design engineering through an RFP process and has been performing well as that project progresses. In late 2015, the City received notice that we were awarded another STP Urban Grant for reconstruction of the segment of East 29th Street from Washington to Hume. It is now necessary to secure engineering services for design of this next project.

ANALYSIS

When staff submitted the second STP application for the Washington to Hume segment, we indicated to WisDOT that we'd like to be able to combine the two projects for construction to take advantage of economies of building both at the same time. Staff expectation was that, if approved, this would likely mean a delay in construction of the first segment. However, WisDOT has indicated that if we can commit to completing the design for the second project on the same timeline, they would be able to fund both segments in state fiscal year 2018 which was the timing for the original project.

With that in mind, MSA has provided a proposal for engineering services that will meet that schedule at a cost of \$137,100. MSA is the logical choice for this project as they are well on their way with design of the first segment. Just as there are economies by constructing both segments at the same time, there are similar economies of designing both at the same time. There is an increased level of effort required for the second project as compared to the first so the cost of engineering is higher for the Washington to Hume segment. MSA's quote recognizes the increased effort and is still competitive when compared to quotes for the first segment.

RECOMMENDATION

Approval of the Engineering Services Agreement with MSA Professional Services for East 29th Street from Washington Avenue to Hume Avenue and authorization to execute the same.

Concurrence: 
Steve Barg, City Administrator

CITY OF MARSHFIELD STREET DIVISION

SLAG SEAL LIST - 2016

INITIAL SURFACE		SECTION ONE				
PAVING	TREATMENT	LOCATION	LENGTH	WIDTH	SQ. YDS.	Costs
2015		Luther Ct	392	22	958	\$1,197.78
2015		Immanuel Ct	380	22	929	\$1,161.11
2015		Edison - Chestnut to Spruce	755	22	1,846	\$2,306.94
2015		Grant - Central to Chestnut	345	22	843	\$1,054.17
2011		Ives - Central to Oak	2,443	38	10,315	\$12,893.61
2011		Arnold - Central to St Joseph	2,181	34	8,239	\$10,299.17
2011		Briarwood - Schmidt to Marathon	1,264	23	3,230	\$4,037.78
2011		Jefferson - Central to Walnut	1,557	24	4,152	\$5,190.00
2011		Westview - Adler to Adams	1,053	23	2,691	\$3,363.75
					0	\$0.00
					0	\$0.00
					0	\$0.00
			Sub Total		33,203	\$41,504.31

Marked

CITY OF MARSHFIELD STREET DIVISION

SLAG SEAL LIST - 2016

INITIAL SURFACE		SECTION TWO				
PAVING	TREATMENT	LOCATION	LENGTH	WIDTH	SQ. YDS.	Costs
2011		14th - Adams to Lincoln	1,994	44	9,748	\$12,185.56
2011		Walnut - 2nd to 4th	679	36	2,716	\$3,395.00
2011		6th - Lincoln to Cypress	684	23	1,748	\$2,185.00
2011		Birch - 5th to 8th	1,208	23	3,087	\$3,858.89
2011		Cypress - 5th to 8th	1,218	23	3,113	\$3,890.83
2011		Spruce - 5th to 7th	623	26	1,800	\$2,249.72
2011		Roddis - 16th to Park	1,695	35	6,592	\$8,239.58
					0	\$0.00
					0	\$0.00
					0	\$0.00
					0	\$0.00
			Sub Total		28,804	36,004.58

CITY OF MARSHFIELD STREET DIVISION

SLAG SEAL LIST - 2016

INITIAL SURFACE		SECTION THREE				
PAVING	TREATMENT	LOCATION	LENGTH	WIDTH	SQ. YDS.	Costs
2011		3rd - Maple to Vine	1,082	36	4,328	\$5,410.00
2011		5th - Vine to Palmetto	1,474	32	5,241	\$6,551.11
2011		10th - Maple to Vine	1,031	21	2,406	\$3,007.08
2011		11th - Maple to Vine	1,041	22	2,545	\$3,180.83
2011		26th - Hume to East End	1,513	22	3,698	\$4,623.06
2011		6th - Felker to Washington	750	23	1,917	\$2,395.83
2011		Cedar -9th to 14th	1,144	28	3,559	\$4,448.89
2011		Cherry - 10th to 14th	598	23	1,528	\$1,910.28
2010		5th - Maple to Vine	1,108	28	3,447	\$4,308.89
2010		6th - Central to Maple	289	44	1,413	\$1,766.11
2010		2nd - Maple to Vine	1,094	28	3,404	\$4,254.44
					0	\$0.00
						\$0.00
			Sub Total		33,485	\$41,856.53

CITY OF MARSHFIELD STREET DIVISION

SLAG SEAL LIST - 2016

INITIAL SURFACE		SECTION FOUR				
PAVING	TREATMENT	LOCATION	LENGTH	WIDTH	SQ. YDS.	Costs
2015		Palmetto - Vilas to Waushara	276	24	736	\$920.00
2011		Irene - Becker to Forest	774	32	2,752	\$3,440.00
2011		Monique - Irene to Forest	862	32	3,065	\$3,831.11
					0	\$0.00
					0	\$0.00
					0	\$0.00
					0	\$0.00
					0	\$0.00
			Sub Total		6,553	\$8,191.11
			Grand Total		102,045	\$127,556.53

Due by March 31, 2016

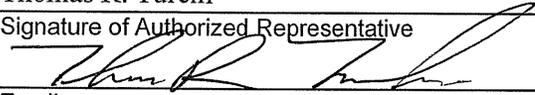
Notice: Pursuant to s. NR 216.07(8), Wis. Adm. Code, an owner or operator of a Municipal Separate Storm Sewer System (MS4) is required to submit an annual report to the Department of Natural Resources (DNR) by March 31 of each year to report on activities for the previous calendar year. This form is being provided by the DNR for the user's convenience. Personal information collected will be used for administrative purposes and may be provided to the extent required by Wisconsin's Open Records Law [ss. 19.31-19.39, Wis. Stats.].

This form is for reporting on activities undertaken in calendar year 2015.

Instructions: Complete each section of the form that follows. If additional space is needed to respond to a question, attach additional pages. Provide descriptions that explain the program actions taken to comply with the general permit. Complete and submit the annual report by March 31, 2016, to the appropriate address indicated on the last page of this form.

SECTION I. Municipal Information			
Name of Municipality City of Marshfield		Facility ID No. (FIN)	
Mailing Address 630 S. Central Ave., Suite 622	City Marshfield	State WI	ZIP Code 54449
County(s) in which Municipality is located Marathon, Wood	Municipality Type: (select one) <input type="radio"/> County <input checked="" type="radio"/> City <input type="radio"/> Village <input type="radio"/> Town <input type="radio"/> Other (specify)		

SECTION II. Municipal Contact Information			
Name of Municipal Contact Person Thomas R. Turchi		Title City Engineer	
Mailing Address (if different from above)	City	State WI	ZIP Code
Email tom@ci.marshfield.wi.us	Phone Number (include area code) (715) 486-2034	Fax Number (include area code) (715) 384-7631	

SECTION III. Certification			
<p><i>I hereby certify that I am an authorized representative of the municipality covered under MS4 General Permit No. WI-S050075-2 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 or been apprised of the contents of this annual report. I understand that Wisconsin law provides severe penalties for submitting false information.</i></p>			
Authorized Representative Printed Name Thomas R. Turchi		Authorized Representative Title City Engineer	
Signature of Authorized Representative 		Date MARCH 28, 2016	
Email tom@ci.marshfield.wi.us	Phone Number (include area code) (715) 486-2034	Fax Number (include area code) (715) 384-7631	

SECTION IV. General Information			
<p>a. Describe what efforts the municipality has undertaken to invite the municipal governing body, interest groups, and the general public to review and comment on the annual report.</p> <p>On Monday April 4th, 2016 a presentation will be made to the Board of Public Works on the annual storm water report. This meeting is broadcast on public access television and will be made available on the city's web page, via video streaming to anyone who has internet access. The annual report will also be made available for viewing in Suite 622 of City Hall between the hours of 8 am and 5 pm, Monday thru Friday.</p> <p>Previous meetings held: April 6th, 2015 - presentation and discussion of the annual Storm Water Annual Report to the Board of Public Works. April 14th, 2015 - Minutes of the Board of Public Works were approved and placed on file. No comments were given.</p>			
<p>b. Describe how elected and municipal officials and appropriate staff have been kept apprised of the municipal storm water discharge permit and its requirements.</p> <p>A presentation will be given at the April 4th, 2016 Board of Public Works meeting and at the April 12th, 2016 Common Council meeting giving an overview of the last of the past year and what we have to look forward to with forth coming TMDL limits.</p>			

SECTION IV. General Information (continued)

- c. Has the municipality prepared its own municipal-wide storm water management plan? Yes No

If yes, title and date of storm water management plan:

Storm Water Quality Plan
City of Marshfield, Wisconsin
June 2014

The plan has been posted to the municipal web site at the following link:

http://ci.marshfield.wi.us/00584064_Stormwater_Quality_Plan_061314.pdf

The Storm Water Quality Plan is also available for public viewing at the City Engineers office at 630 S Central Avenue, Marshfield, WI 54449 from the hours of 8 am to 5 pm, Monday through Friday.

- d. Has the municipality entered into a written agreement with another municipality or a contract with another entity to perform one or more of the conditions as provided under section 2.10 of the general permit? Yes No

If yes, describe these cooperative efforts:

Marathon County, the Cities of Wausau, Schofield, Marshfield, Merrill, Stevens Point, Baraboo and Wisconsin Rapids, The villages of Weston, Kronenwetter, Mosinee, and Rothschild, and the town of Rib Mountain have entered into a Cooperative Agreement. The purpose of the agreement is to develop and implement a consistent informational outreach programs, that can be utilized by all agencies, meeting the requirements of NR 216.07. The group is known as the North Central Wisconsin Storm Water Coalition (NCWSC). The coalition has an official web site <http://basineducation.uwex.edu/centralwis/stormwater.htm>.

- e. Does the municipality have an internet website? Yes No

If yes, provide web address:

ci.marshfield.wi.us

If the municipality has an internet website, is there current information about or links provided to the MS4 general permit and/or the municipality's storm water management program? Yes No

If yes, provide web address:

http://ci.marshfield.wi.us/departments/public_works/engineering/index.php

SECTION V. Permit Conditions

- a. Minimum Control Measures: For each of the permit conditions listed below, provide a description of the implementation of each program element, the status of meeting measurable goals, and compliance with permit schedule in section 2.11 of the MS4 general permit. Provide an evaluation of program compliance with the general permit, the appropriateness of identified best management practices, and progress towards achieving identified measurable goals. Be specific in describing the actions that have been taken during the reporting year to implement each permit condition and whether measurable goals have been met, including any data collected to document a measurable goal. Also, explain the reasons for any variations from the compliance schedule in the MS4 general permit.

• Public Education and Outreach

The City of Marshfield in conjunction with the joint Education and outreach plan that was developed by the NCSWC. Provide examples of education materials related to storm water run off including a model house and the purchase of two scale storm water run off models. The scale storm water run off models provide hands on experience. please see all the attached spread sheet for our educational and outreach activities undertaken in 2015.

• Public Involvement and Participation

Every spring third graders of the Marshfield School District are given tours of City Hall. At this time Engineering Division staff give a short presentation about public works and the City's infrastructure. We educate these third graders about the need and requirements for storm water retention and detention for quantity and quality of the storm water leaving our municipality. We also educate these children about pond safety and why it is not safe to play near these ponds during the summer and why the ice is unsafe in the winter. Please note those items within our education and outreach that involve public involvement such as our involvement in providing monies for schools who wish install rain gardens and use them for educational purposes.

SECTION V. Permit Conditions (continued)

• Illicit Discharge Detection and Elimination

This past year the City of Marshfield investigated and issued 4 citations and/or warnings related to construction site erosion control.

• Construction Site Pollutant Control

The City of Marshfield continues to issue permits for single and two family erosion control permit application that can be completed on line as a part of obtaining a building permit. This permit can be seen on our web site at the following link:

http://ci.marshfield.wi.us/FillableESCP_6_23_14_trt.pdf

• Post-Construction Storm Water Management

An effort has been made to review sites on a weekly basis but due to staffing and budgeting issues we have not been able to keep up with these weekly inspections.

• Pollution Prevention

The following activities have been completed in the past year:

The City of Marshfield inspected more than a dozen construction sites for compliance with the erosion control ordinances and with these inspections 2 non-compliance letters were issued to non conforming sites.

Street Division forces completed the following:

Cleaned or replaced 110 catch basins out of a total of 3,094 a reduction of 68% as compared to 2014.

Street Sweeping - 2,553 lane miles during the 2015 season a reduction of 16% over the 2014 season.

Street sweepage disposal - The city of Marshfield is participating with Marathon County and other communities and has received a Low Hazard Exemption Beneficial Resuse Permit for the reuse of screened street sweepings. All sweepings are screened and the resulting sand material is used as bedding in sewer trenches or as fill material on street projects. The waste screenings are hauled to Cranberry Creek land fill.

Salt & De-icer use - The City of Marshfield has installed pre-wetting equipment on all of our salt trucks. Pre-wetting improves salt performance through earlier activation and improved adhesion. As a result we have reduced salt usage by nearly 30%. This year the City has begun using a salt brine mixture placed prior to major snow events which has allowed the division the ability to clear snow and ice without the need to add salt which typically is being plowed off during snow plowing operations. This salt brine is placed with a water truck with a bar spreader for even surface coating.

b. Winter Road Management Activities:

Provide the name, title, and phone number for the individual(s) with overall responsibility for winter roadway maintenance.

Mike Winch, Street Superintendent, (715) 486-2081

Describe the types of products used for winter road management (e.g., deicing, pre-wetting, salting, etc.).

Salt & De-icer use - The City of Marshfield has installed pre-wetting equipment on all of our salt trucks. Pre-wetting improves salt performance through earlier activation and improved adhesion. As a result we have reduced salt usage by nearly 30%.

Describe the type of equipment used to apply the products.

V - box spreaders and are calibrated and controlled electronically for the spreading of road salts. A water truck is now used in the application of the salt brine operations.

SECTION V. Permit Conditions (continued)

Report the amount of product used per month.

N/A - The Street Superintendent does have data for the amount of salt used for each event.

Report the snow disposal locations, if snow is hauled away.

Snow is hauled to the following locations:

Municipal Cemetery.

Salt storage facility - Hume and 25th St.

Describe any anti-icing, equipment calibration, and salt reduction strategies considered.

The three Street Superintendent trucks are outfitted with roadway temperature sensors which assist in determining when road salting will be effective.

Describe any other additional measurable data or information that the permittee used to evaluate its winter road management activities.

N/A

c. Municipal facility(s):

Provide an inventory of municipally owned or operated structural storm water management facility(s), include: Location of each facility and contact information for the individual(s) with overall responsibility for each facility.

The City's storm water ponds and storm sewer systems are maintained on the City's GIS systems. The GIS coordinator maintains the data in the system and the City Engineer is in charge of the planning necessary for all of the City's infrastructure.

Describe the housekeeping activities and best management practices installed to reduce or eliminate storm water contamination.

Good house keeping around salt shed, including washing of the salting equipment after each use. Dry sump catch basins are used at the City garage site and are cleaned on a regular basis.

Discuss recommendations for improvements to current storm water management practices at the facility(s) and a timeline for installation and/or implementation of these recommendations.

None

Describe the municipal facility(s) employee training on storm water pollution prevention provided.

Training of employees on the use of the V - Box spreader and the water truck.

Describe the spill prevention and response procedures in place at the municipal facility(s).

The Municipal garage has a SPCCAC plan that was prepared by REI in the event of a spill.

d. Storm Water Quality Management: Has the municipality completed a pollutant-loading analysis to assess compliance with the 20% TSS reduction developed urban area performance standard? Yes No

If yes, provide the following: Model used WinSlamm Version 10.0.3 Reduction (%) 32.4

If no, include a description of any actions the municipality has undertaken during 2015 to help achieve the 20% standard.

Has the municipality completed an evaluation of all municipal owned or operated structural flood control facilities to determine the feasibility of retrofitting to increase TSS removal? Yes No

If yes, describe:

The City of Marshfield has identified storm water ponds that have the potential to be converted to wet ponds within the municipal limits. Since the City has exceeded the 20% TSS reduction requirement as per the current MS4 permit our elected officials feel there are other more pressing facility and utility issues within our community that outweigh storm water pond retrofit projects due to funding limits set forth on municipalities by state imposed levy limits. Also, the Common Councils reluctance to increase the tax rate for continuing infrastructure needs relates to

SECTION V. Permit Conditions (continued)

doing more with less, I do not foresee any future plans to convert these dry ponds to wet ponds due to these financial constraints.

- e. **Best Management Practices Maintenance:** Does the municipality have a maintenance program for installed storm water best management practices? Yes No

If yes, describe the maintenance program and any maintenance activities that have occurred for best management practices in 2015. If available, attach any additional information on the maintenance program.

- f. **Storm Sewer System Map:** Describe any changes or updates to the storm sewer system map made in the reporting year. Provide an updated map if any changes occurred during the reporting year. No major changes to the City's storm sewer system have been made over the past year. A storm sewer system map is available upon request.

SECTION VI. Fiscal Analysis

- a. Provide a fiscal analysis that includes the annual expenditures for 2015, and the budget for 2015 and 2016. A table to document fiscal information is provided on page 8.

Stormwater improvements proposed within the 5-year City's Capitol Improvement program are some of the projects eliminated due to budget constraints as the elected officials have chosen to maintain current infrastructure before adding or building new infrastructure.

- b. What financing/fiscal strategy has the municipality implemented to finance the requirements of the general permit?
 Storm water utility General fund Other Long Term Debt.

- c. Are adequate revenues being generated to implement your storm water management program to meet the permit requirements? Yes No

Please provide a brief summary of your financing/fiscal strategy and any additional information that will assist the Department in understanding how storm water management funds are being generated to implement and administer your storm water management program.

Storm sewer and storm water management projects are generally by funded through tax levy by the use of long term debt. Typically, operations and Maintenance are funded by tax levy and our capitol projects are funded through long term debt to be paid back through future tax levies. As such, storm water needs compete with the many other community needs where, adequate funding for all projects are not available. State imposed levy limits have severely restricted the availability of obtaining the funding needed for the projects identified in our Capitol Improvement Plan. In addition, the Marshfield Common Council has kept a flat tax rate for nearly a decade and have placed specific limits the amount the city can borrow for capitol projects. With the passage of Act 32 and the elimination of the 40% TSS standard, the Common Council has chosen to postpone all future capitol TSS reduction projects.

SECTION VII. Inspections and Enforcement Actions

Note: If an ordinance listed below has previously been submitted and has not been amended since that time, a copy does not need to be submitted again. If the ordinance was previously submitted, indicate such in the space provided.

- a. As of the date of this annual report, has the municipality updated or revised its construction site pollutant control ordinance in accordance with subsection 2.4.1 of the general permit? Yes No

If yes, attach copy or provide web link to ordinance:

http://ci.marshfield.wi.us/document_center/Municipalcode/26_Ch25_Construction_Site_Erosion_Control.pdf

- b. As of the date of this annual report, has the municipality updated or revised its post-construction storm water management ordinance in accordance with subsection 2.5.1 of the general permit? Yes No

If yes, attach copy or provide web link to ordinance: http://ci.marshfield.wi.us/document_center/Municipalcode/26_Ch25_Co

- c. As of the date of this annual report, has the municipality updated or revised its illicit discharge detection and elimination ordinance in accordance with subsection 2.3.1 of the general permit? Yes No

If yes, attach copy or provide web link to ordinance:

SECTION VII. Inspections and Enforcement Actions (continued)

d. As of the date of this annual report, has the municipality adopted any other ordinances it has deemed necessary to implement a program under the general permit (e.g., pet waste ordinance, leaf management/yard waste ordinance, parking restrictions for street cleaning, etc.)? Yes No

If yes, attach copy or provide web link to ordinance:

e. Provide a summary of available information on the number and nature of inspections and enforcement actions conducted during the reporting period to ensure compliance with the ordinances described in a. to d. above.

With the limited staff within the Engineering Division we were able to inspect approximately a dozen sites during the last reporting period in which 2 - notices and 4 citations were sent for non-compliance with the municipal ordinance.

With the limited staff we are not able to adequately or pro-actively inspect all construction sites.

SECTION VIII. Water Quality Concerns

a. Does any part of the MS4 discharge to an outstanding resource water (ORW) or exceptional resource water (ERW) listed under s. NR 102.10 or 102.11, Wis. Adm. Code? (A list of ORWs and ERWs may be found on the Department's Internet site at: <http://dnr.wi.gov/topic/surfacewater/orwerw.html>) Yes No

If yes, list:

b. Does any part of the MS4 discharge to an impaired waterbody listed in accordance with section 303(d)(1) of the federal Clean Water Act, 33 USC § 1313(d)(1)(C)? (A list of the most current Wisconsin impaired waterbodies may be found on the Department's Internet site at: <http://dnr.wi.gov/water/impairedsearch.aspx?status=303d>) Yes No

If yes, complete the following:

- Impaired waterbody to which the MS4 discharges:

Mill Creek

- Description of actions municipality has taken to comply with section 1.5.2 of the MS4 general permit for discharges of pollutant (s) of concern to an impaired waterbody:

The primary pollutant is phosphorous which is proportional to the amount of sediment. The City of Marshfield has constructed a wet detention basin at Vine Ave and 29th Street near the headwaters of Mill Creek Watershed in 2007. As part of an industrial park development project a dry pond was converted to a wet pond in 2009.

Another project converted a dry basin to a wet basin down stream of the fairgrounds. A wet detention basin was constructed in 2011 as a part of our Yellowstone Dr. reconstruction project. Street sweeping and catch basin cleaning activities continue to occur within Mill Creek drainage basin as well as throughout the City. With our most recent WinSLAMM modeling done on this specific watershed with these and other improvements within this watershed we are now achieving a 42.8% reduction in the Mill Creek watershed.

c. Identify any known water quality improvements in the receiving water to which the MS4 discharges during the reporting period.

None

d. Identify any known water quality degradation in the receiving water to which the MS4 discharges during the reporting period and what actions are being taken to improve the water quality in the receiving water.

None

SECTION IX. Proposed Program Changes

Describe any proposed changes to the storm water management program being contemplated by the municipality for 2016 and the schedule for implementing those changes. Proposed program changes must be consistent with the requirements of the general permit.

During the 2016 reporting period the City of Marshfield will be creating and implementing an illicit discharge detection and elimination ordinance.

SECTION X. Other (continued)

SECTION X. Other

Any other additional information the permittee would like to provide in the Annual Report regarding their storm water program?

None

Fiscal Analysis Table. Complete the fiscal analysis table provided below.

Program Element	Annual Expenditure		Budget		Source of Funds
	2015	2016	2015	2016	
Public Education and Outreach	1,500	2,500	2,500	2,500	This is done in conjunction with the NCWSWC. See the attached documentation.
Public Involvement and Participation		0	0	0	
Illicit Discharge Detection and Elimination	0	0	0	0	
Construction Site Pollutant Control	900	0	0	0	General Tax
Post-Construction Storm Water Management	2,300	0	0	0	General Tax
Pollution Prevention	0	0	0	0	
Storm Water Quality Management (including pollutant-loading analysis)	0	0	0	0	
Storm Sewer System Map	0	0	0	0	General Tax. There is no specific costs as the updating of our GIS systems maps are done on a continuing basis and we do not break down the amount of time spent on each item specifically.
Other:					

North Central Wisconsin Stormwater Coalition (NCWSC)

Integrity Bank Checking Account #XXXXX

Date	Check No.	Payable to/from	Deposit	Check Amount	Balance
2015					
1/26/2015		Village of Rothschild	1,500.00		18,342.86
1/26/2015		Village of Kronenwetter	1,500.00		19,842.86
1/26/2015		Village of Weston	1,500.00		21,342.86
2/2/2015		City of Wausau	1,500.00		22,842.86
2/2/2015		City of Baraboo	1,500.00		24,342.86
2/2/2015	1175	VOID - Error			24,342.86
2/2/2015	1176	City of Stevens Point		600.00	23,742.86
2/10/2015	1177	League of WI Municipalities		3,000.00	20,742.86
2/10/2015	1178	League of WI Municipalities		400.00	20,342.86
2/23/2015		Town of Rib Mountain	1,500.00		21,842.86
2/23/2015		City of Merrill	1,500.00		23,342.86
2/23/2015		City of Wisconsin Rapids	1,500.00		24,842.86
2/23/2015		City of Mosinee	1,500.00		26,342.86
2/23/2015		City of Schofield	1,500.00		27,842.86
3/9/2015	1179	Schoen Engineering Solutions		3,800.00	24,042.86
3/10/2015	1180	Merrill Area Public Schools		1,000.00	23,042.86
3/10/2015		City of Stevens Point Storm Water	1,500.00		24,542.86
3/16/2015	1181	Schoen Engineering Solutions		760.00	23,782.86
4/15/2015	1182	Screen Vision		2,408.00	21,374.86
4/23/2015	1183	WRPQ TV 43		500.00	20,874.86
5/18/2015	1184	Screen Vision		2,408.00	18,466.86
6/4/2015	1185	Schoen Engineering Solutions		1,472.50	16,994.36
6/4/2015	1186	Wisconsin River Cleanup 2015		300.00	16,694.36
6/5/2015		City of Marshfield	1,500.00		18,194.36
7/13/2015	1187	WI Institute for Public Policy & Service		800.00	17,394.36
11/5/2015	1188	Schoen Engineering Solutions		2,042.50	15,351.86

NORTH CENTRAL WI STORMWATER COALITION
OUTREACH AND EDUCATION PLAN ACTIVITIES COMPILATION

March 28, 2016

DATE	ACTIVITY	DESCRIPTION	EDUCATION & OUTREACH PLAN GOAL	AUDIENCE
01/01/08 - 12/31/08	Shoreland Owners' Guide	Protect Your Investment and Your Watershed	4	Water front property owners (2008: 106 packets, 26 reminders)
01/01/08 - 12/31/08	Excel DVD	Training DVD	1	Municipal employees
04/14/08	Newspaper article	Improving Stormwater Runoff - Wisconsin Rapids	2	General public
05/21/08	Newspaper article	Dog poop isn't just a nuisance	2	Wausau Daily Herald
05/21/08	Wisconsin River Cleanup	Trash pick up and stormwater educational presentation;	2, 3, 4, 5	250 High School Students from 10 schools
05/23/08	Newspaper article	Cleanup nets 1.5 tons of trash	2	Wausau Daily Herald
05/23/08	Stormwater Survey	Survey of residents knowledge	1, 2, 3, 4, 5	1,270 households, 459 respondents
09/18/07	Newspaper article	Conversion of Walnut Deletion Basin to wet pond forces soccer team to find new fields. Article references TSS reduction goals as reason for project.	5	Marshfield News Herald
11/10/07	Newspaper article	Reducing use of phosphorus helps the environment. Article by Ted Gear, UW Wood County Extension, explains phosphorus impacts and benefits of proper leaf management and car washing.	2	Marshfield News Herald
06/03/08	Newspaper article	It's a river, not a sewer, Wisconsin	2, 3, 4, 5	Wausau Daily Herald
06/05/08	Financial Contribution	Sponsorship of Wisconsin River Cleanup	2, 4	Wausau Daily Herald
06/13/08	Newspaper article	Regional stormwater group needs help	1, 2, 3, 4, 5	Wausau Daily Herald
06/16/08	Newspaper article	Regional stormwater group needs help	1, 2, 3, 4, 5	Stevens Point Journal
06/20/08	Newspaper article	Regional stormwater group needs help	1, 2, 3, 4, 5	Wisconsin Rapids Tribune
6/20/2008	Storm Drain Marking	The City of Stevens Point began ordering all new inlet and catch basin lids with environmental notices: "No dump drains to river".	1, 2	General Public
06/25/08	Newspaper article	Regional stormwater group needs help	1, 2, 3, 4, 5	DC Everest Herald
06/25/08	Storm drain stenciling	6th, 7th, 8th, & 9th streets, 59 drains; Wausau Daily Herald & Mesinee Times - press release	2	YMCA Camp Adventure, 25 children grades 2-8
06/25/08 - 06/27/08	Storm water education	4H group stenciling - Lincoln School, Wausau 6th Ave - 40 drains	2, 3, 4, 5	YMCA Camp Adventure 70 children grades K-3
07/01/08	Storm drain stenciling	Wisconsin Valley Fair	2	4H Students
08/05/09 - 08/10/09	Display Board	Wisconsin Valley Fair	2	Fair attendees
10/01/08	Community Connections Newsletter Article Volume 1 Issue 3	Legislative Spotlight - Administrative Rule 80.12 Clean Water Act	Public Involvement	Municipal planning commissions, boards, councils; interested parties, website
11/24/2008	Informational Meeting	The City of Stevens Point met with the Waste Management Society at UWSP to describe the NR 216 rules and to coordinate with the group providing education to local schools regarding the impacts of storm water on the rivers and lakes.	2	6 University Students
12/15/2008	Bioinfiltration Demonstration Site	The City of Stevens Point approved two bio-swale designs to service revisions to parking lots at UWSP. The City and University have tentatively agreed to sign these facilities as demonstration sites to promote infiltration.	5	General Public, University Students
7/17/1905	Water Quality Fact Sheets	Posted to Wisconsin Rapids website	2	General public
2/3/2009	Staff Training	City of Wisconsin Rapids - Engineering - storm water pollution prevention video		City of WI Rapids Engineering, Street and Wastewater Departments
3/1/2009	Storm Drain Stenciling	The City of Stevens Point has several Boy Scout groups that have agreed to conduct storm water stenciling on existing storm drains.	2	30 Boy Scouts, and General Public
3/13/2009	Meeting	The City of Stevens Point Engineering Department provided an instructional meeting for the City plumbing inspector on what they are required to monitor during construction from an erosion control and site development standpoint using an existing development as an example of where improvements are needed.	2	City Building Inspectors
March/April 2009	Earth Week Commercial	Aired at Merrill movie theater	2	Movie Theater customers
3/19/09 - 4/22/09	Earth Week Commercial	Commercial, public service announcements, etc.	2	Channel 7 viewers
03/28/09	Living Shorelines Workshop	Car wash message on billboards - Schofield Ave & STH 29	4	workshop participants
March 2009 +	NCWSC ad on digital billboards	Federal Clean Water Act, storm water utilities, reducing stormwater pollution	2	travelers
04/12/09	Letter	stormwater pollution information ways to help	3	Wisconsin Rapids residents
04/16/09	Compost Classes		3	workshop participants
04/28/09	Letter		3	workshop participants
04/30/09	Compost Classes		3	workshop participants
05/06/09	Compost Classes		3	workshop participants
05/07/09	Compost Classes		3	workshop participants
05/01/09	Compost Fall & Bin Sales		3	workshop participants
05/22/10	Wisconsin River Cleanup	Trash pick up and stormwater educational presentation;	2, 3, 4, 5	250 High School Students from 10 schools
05/28/09	Rain Barrel Workshops	Wisconsin Rapids and Weston, Educational presentation on infiltration	5	participants
05/30/09	Rain Barrel Workshops	Wisconsin Rapids and Weston, Educational presentation on infiltration	5	participants
05/29/09	Demonstration Rain Gardens	Wausau (CPZ), Kronenwetter, and Wisconsin Rapids	5	participants
06/01/09	Demonstration Rain Gardens	Wausau (CPZ), Kronenwetter, and Wisconsin Rapids	5	participants
06/25/09	Radio broadcast	Explaining NCWSC and rain gardens	5	radio listeners
08/01/09	Rain Barrel Workshops	Wausau, Educational presentation on infiltration	5	40 participants
08/13/09	Presentation/educational session	Camp Dell Eau Claire - Girl Scouts	2	30 Girl Scouts & 3 leaders
08/04/09 - 08/09/09	Display board	Wisconsin Valley Fair	2	Fair attendees
10/03/09	Rain Barrel Workshops	Marshfield Green Living Expo	5	25 participants
2008, 2009, 2010	Public Participation	Monthly updates to Marathon County Metropolitan Commission	1, 2, 3, 4, 5	Commissioners, staff, DOT, FHA
02/10/10	Follow up survey	follow up to initial survey	2	
March/April 2010	Earth Week Commercial			
04/09/10	Storm water pollution prevention education	Engineering Department, Street Department, Wastewater Department		City of WI Rapids Engineering, Street and Wastewater Departments
05/11/10	Scouts in Government	Educational presentation on watersheds, rainbarrel construction		40+ Scouts and leaders

02/19/15	Rain Garen Grant Awards	The North Central Wisconsin Stormwater Coalition awarded to reain garden grants: \$1,000 to Prairie River Middle School located in Merrill, WI and \$750 to the Village of Weston
04/16/15	Rubber Ducky Infomercial	Marcus Cedar Creek Theater, Rothschild and Baraboo - 8 weeks
05/15/15	Wisconsin River Cleanup	Campus Theater, Stevens Point, WI Rapids and Marshfield - 8 weeks
05/28/15	North Central Wisconsin Local Phosphorus Partnership Summit	Interactive Educational Presentation NCWRPC, NCWSC and WIPPS hosted a summit to discuss how individuals and organizations can work together to address the phosphorus issue as it relates to the WI River TMDL
all year	Regional education and outreach	NCWRPC website - 678 hits
06/10/15	Rainbarrel workshop	The Village of Weston gave a presentation on stormwater and the benefit of barrels.
		Prairie River Middle school population and the Village of Weston residents.
		Wausau Metro Area / Central WI Residents
		Approx. 325 Central WI area youth
		Farmers, private individuals and local governments within the North Central Wisconsin Regional Planning Commission area of service
		North Central Wisconsin Regional Planning Commission area residents
		11 Village residents attended the workshop