



CITY OF MARSHFIELD
MEETING NOTICE

**AGENDA
BOARD OF PUBLIC WORKS
CITY OF MARSHFIELD, WISCONSIN
MONDAY, MAY 19, 2014 at 5:30 PM
COUNCIL CHAMBERS, CITY HALL PLAZA**

1. Call meeting to order – Chairman Feirer
2. Approval of minutes of May 5, 2014 Board of Public Works meeting
3. Citizen Comments
4. Construction Updates – Presented by Brian Panzer, Street Superintendent and Tom Turchi, City Engineer
5. Award bid for demolition of problem property at 201 South Peach Avenue – Presented by Dick Pokorny, Building Services Supervisor
6. Review of parking restriction on East 17th Street (Central Avenue to Maple Avenue) – Presented by Tom Turchi, City Engineer
7. Approval of participation in Wood County aerial photography project – Presented by David Buehler, GIS Coordinator
8. Approval of downtown parking coupon books – Presented by Dan Knoeck, Director of Public Works
9. Approval of easements through the 'Chicago' municipal parking lot for Data Flow, 112 West 5th Street – Presented by Tom Turchi, City Engineer
10. Closed Session: Pursuant to Wisconsin Statute Chapter 19.85(1)(e) Deliberating or negotiating the purchasing of public properties, the investing of public funds, or conducting other specified public business, whenever competitive or bargaining reasons require a closed session.
 - Purchase of land for Hume Avenue
11. Reconvene in Open Session
12. Action on matter discussed in closed session, if appropriate
13. Recommended items for future agendas
14. Adjournment

Posted this 16th day of May, 2014 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
05/19/14

1. Call meeting to order – Chairman Feirer
2. Approval of minutes of May 5, 2014 Board of Public Works meeting
3. Citizen Comments
4. Construction Updates – Presented by Brian Panzer, Street Superintendent and Tom Turchi, City Engineer
5. Award bid for demolition of problem property at 201 South Peach Avenue – Presented by Dick Pokorny, Building Services Supervisor
See attached memo. **Recommend approval of the low bid of Don Nikolai Construction in the amount of \$12,020 and authorize execution of a contract.**
6. Review of parking restriction on East 17th Street (Central Avenue to Maple Avenue) – Presented by Tom Turchi, City Engineer
See attached memo. **Recommend posting 'No Parking' on the north side of 17th Street from 160 feet east of Central Avenue to the west line of Maple Avenue.**
7. Approval of participation in Wood County aerial photography project – Presented by David Buehler, GIS Coordinator
See attached memo. **Recommend approval of the Memo of Understanding with Wood County to proceed with Option 3.**
8. Approval of downtown parking coupon books – Presented by Dan Knoeck, Director of Public Works
See attached memo, draft policy and draft coupon. **Recommend approval of a trial period from June 1, 2014 to November 30, 2014.**
9. Approval of easements through the 'Chicago' municipal parking lot for Data Flow, 112 West 5th Street – Presented by Tom Turchi, City Engineer
See attached memo and draft easement. **Recommend approval.**
10. Closed Session: Pursuant to Wisconsin Statute Chapter 19.85(1)(e) Deliberating or negotiating the purchasing of public properties, the investing of public funds, or conducting other specified public business, whenever competitive or bargaining reasons require a closed session.
 - Purchase of land for Hume Avenue
11. Reconvene in Open Session
12. Action on matter discussed in closed session, if appropriate
13. Recommended items for future agendas
14. Adjournment

BOARD OF PUBLIC WORKS MINUTES
OF MAY 5, 2014

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

PRESENT: Mike Feirer, Tom Buttke, Gary Cummings, Ed Wagner and Chris Jockheck
(arrived at 5:33 PM)

EXCUSED: None

ALSO PRESENT: Mayor Meyer; Alderpersons Earll & Feddick-Goodwin; City Administrator Barg; Director of Public Works Knoeck; City Engineer Turchi; Assistant City Engineer Cassidy; Street Superintendent Panzer; Building Services Supervisor Pokorny; Wastewater Superintendent Warp; Parks & Recreation Director Englehart; Cemetery Coordinator Baltus; the media; and others.

Nominations were held for Board of Public Works Chairman.

Alderman Cummings nominated Alderman Feirer for Chairman of the Board of Public Works.

PW14-64 Motion by Cummings, second by Buttke to close nominations for Chairman of the Board of Public Works and to elect Alderman Feirer.

Motion Carried

Alderman Feirer took the chair.

Nominations were held for Board of Public Works Vice-Chairman.

Alderman Buttke nominated Alderman Cummings for Vice-Chairman of the Board of Public Works.

PW14-65 Motion by Wagner, second by Buttke to close nominations for Vice-Chairman of the Board of Public Works and to elect Alderman Cummings.

Motion Carried

PW14-66 Motion by Cummings, second by Buttke to recommend approval of the minutes of the April 14, 2014 Board of Public Works meeting.

Motion Carried

Citizen Comments – None

Street Superintendent Panzer presented a Street Division construction update. He also noted the upcoming shift to 4 – 10 hour work days beginning after Memorial Day on June 2nd and ending August 29th. City Engineer Turchi presented an Engineering Division construction update.

The Board of Public Works reconsidered the temporary closure of Maple Avenue railroad crossing. Knoeck recommended a 3 week closure as opposed to 2 months that was originally recommended. Three weeks would allow one week for traffic to adjust to the closure and then 2 weeks for taking traffic counts. Buttke fees that nobody wants to see the intersection closed. He would go along with a three week closure to get the information to show the OCR and railroad what the true impacts are. He would prefer to see this happen when school is in session because of impacts to Peach Avenue, but he realizes that it could be a timing problem. Bill Penker, 600 South Sycamore Avenue, read comments from his wife Cindy with concerns about a permanent or temporary closure of Maple Avenue. Mr. Penker also stated he did research on the FRA website on the 9 crashes at Maple and it shows some interesting facts. He recapped his assessment of the crash data and trends that he identified. He stated that it may make more sense to look at the time span that crashes have occurred and to bring back the train horns during those times. Wagner stated that Penker did a tremendous amount of work in assembling the crash data and he feels the point is that both Maple and Central have a crash history. He feels that at some point there will be a hearing and we will need hard data to make our case in addition to the crash analysis. We

need to collect the data to prepare our case for a hearing and he is concerned that three weeks is not long enough but he is willing to compromise and hopes we can get enough data. Julie Johnsrud, 10566 Patton Drive, asked if any thought was given to not allowing a right hand turn out of Kwik Trip. Cummings is concerned that people leaving Kwik Trip will need to go north before they can go south and this will create problems elsewhere. The problem with a closure is that it will not allow for future growth in traffic. Mayor Meyer stated that the right hand turn out of Kwik Trip is the one we are trying to protect to allow traffic to go south. We can't validate the importance of the crossing until we try this closure. We need some hard data to show what the true impact is and feels a three week closure is not excessive. Earll received a call from a constituent who is opposed to closing but suggested the use of chatter strips that trigger a flashing light when a vehicle crosses over it. He is not sure if this is reasonable but passing along the information. Buttke also feels we need enforcement stepped up so the rest don't have to suffer because of a few violators. The Mayor mentioned that enforcement has been increased. Jockheck asked if we have a written agreement from CN and OCR regarding the temporary closure – we do not.

PW14-67 Motion by Wagner, second by Buttke to recommend a three week temporary closure of Maple Avenue from Depot Street to Veterans Parkway in order to collect empirical data on the effect that a long term closure may have on the City of Marshfield.

Cummings voted 'No' Motion Carried

Knoeck suggested that we may want to consider trying a temporary closure at Vine as well. The initial discussion has certainly centered on Maple, however a goal of the OCR is closing crossings. If we determined that a Vine closing is preferable over a Maple closing that may be a point of negotiation with the OCR and the railroad. Feirer said that since this item is not on the agenda, it would need to be discussed at a future meeting.

PW14-68 Motion by Buttke, second by Cummings to recommend approval of the purchase of a Caterpillar 272D1XHP skid steer at a cost of \$24,200, a Caterpillar 236D skid steer at a cost of \$23,531 and a Caterpillar SR321 snow blower from FABCO Equipment, Inc. of Schofield, WI and authorize execution of contracts.

Motion Carried

PW14-69 Motion by Cummings, second by Buttke to recommend approval of the low bid submitted by Cold Spring of Cold Spring, MN for the Cemetery mausoleum project at a cost of \$123,170 and authorize execution of a contract.

Motion Carried

The Board of Public Works discussed the consideration of requirements for compulsory connection to municipal water supply at 2808 Huetter Street. Margy Frey, 11811 Robin Road, representing the owner of 2808 Huetter Street thought the memo in the agenda packet was laid out well explaining the situation. Many properties in this price range have low down payments and can't get the additional funding to complete a connection to City water that costs thousands of dollars. Julie Johnsrud, 10566 Patton Drive, represents the buyer of the property who is well aware of the proposal. Mayor Meyer questioned how we assure that future buyers are aware of the requirement to connect to City water. He feels we may need something recorded at the Register of Deeds.

PW14-70 Motion by Wagner, second by Butte to recommend that notification to 2808 Huetter Street to connect to municipal water supply be postponed until a change in ownership occurs after a water service has been stubbed into the property line or upon failure of the existing well, whichever occurs first, and that an approval document be prepared for recording at the Register of Deeds.

Motion Carried

PW14-71 Motion by Wagner, second by Jockheck to recommend approval of a change in scope for City Hall Penthouse Roof/Guardrail project which will complete the reroofing project in 2014 without completing the guardrail project.

Buttke voted 'No' Motion Carried

Chairman Feirer called for a short recess at 6:59 PM. Meeting reconvened at 7:00 PM.

PW14-72 Motion by Buttke, second by Cummings to recommend approval of the Wildwood-McMillan Connector Trail Project Right-of-Way Plat and Relocation Order, to authorize the Mayor to sign the right-of-play.

Wagner voted 'No' Motion Carried

PW14-73 Motion by Buttke, second by Cummings to recommend approval of the proposal submitted by Steigerwaldt Land Services, Inc. at a cost of 38,900 for Wildwood-McMillan Connector Trail project real estate acquisition and authorize execution of the proposal.

Wagner voted 'No' Motion Carried

PW14-74 Motion by Jockheck, second by Cummings to recommend approval of the proposal submitted by Gremmer & Associates, Inc. of Plover, WI for the Veterans Parkway resurfacing project at a cost of \$49,803 and authorize execution of an engineering services agreement.

Wagner voted 'No' Motion Carried

PW14-75 Motion by Buttke, second by Cummings to adjourn to closed session at 7:16 PM pursuant to Wisconsin Statute Chapter 19.85(1)(e) Deliberating or negotiating the purchasing of public properties, the investing of public funds, or conducting other specified public business, whenever competitive or bargaining reasons require a closed session.

- Purchase of property for Hume Avenue street opening

Roll call vote, all 'Ayes' Motion Carried

Present in Closed Session: Aldermen Feirer, Cummings, Wagner, Jockheck and Buttke; City Administrator Barg; Director of Public Works Knoeck; City Engineer Turchi.

PW14-76 Motion by Buttke, second by Wagner to reconvene in open session at 7:34 PM.

Roll call vote, all 'Ayes' Motion Carried

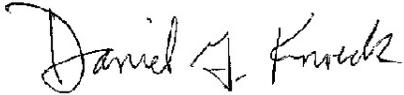
There was no action taken in open session on the closed session item.

Recommended items for future agendas:

- Alderperson Buttke requested a discussion of a temporary closure of the Vine Avenue railroad crossing.

Motion by Jockheck, second by Wagner that the meeting be adjourned at 7:34 PM.

Motion Carried

A handwritten signature in cursive script that reads "Daniel G. Knoeck".

Daniel G. Knoeck, Secretary
BOARD OF PUBLIC WORKS



City of Marshfield Memorandum

TO: Board of Public Works
FROM: Dick Pokorny, Building Services Supervisor
DATE: May 15, 2014

RE: Request for approval of bid for demolition of buildings at 201 S. Peach Ave.

BACKGROUND

The property has not been fixed up at all in the last few decades. Neighbors started to complain about it. The attached garage was the worst as it was falling apart with pieces ending up on the neighbor's property to the south. The City of Marshfield ordered the owner to repair or remove the garage. The owner partially razed the garage and then quit the work. Portions of the house's main structure were compromised by this action and exterior house walls were not enclosed causing water damage. The area facing the south neighbor was a total eyesore. The city also received tenant complaints regarding conditions of the interior including large quantities of water getting inside due to a bad roof. Building Services and the Assessor's Office completed an internal inspection and determined that the duplex was uninhabitable. The value of the structure plummeted due to the extreme neglect discovered. The city then ordered the owner to raze the entire structure. The owner appealed Building Services raze order. This appeal was denied by the Board of Appeals in late 2013. The owner has not made any attempt to comply with the raze order, so the City Attorney continued the legal process to the next level. This year the Circuit Court of Wood County finally granted the city the right to raze the property. Building Services Division then advertised for bids for this demolition.

ANALYSIS

The requested bid work is for the razing of the building that is on the property – the duplex and the remains of the attached garage. Bids were received by two contractors for this project and opened on Wednesday May 14, 2014 in the office of the Building Services Supervisor. See attached bid summary. The project is funded under the Building Services and Inspection budget for "Miscellaneous Nuisance Enforcement and Condemnations".

RECOMMENDATION I recommend approval of the low bid from **Don Nikolai Construction**, at a cost not to exceed **\$12,020.00** and authorize execution of a contract.

dp

Concurrence:

Daniel G. Knoeck
Director of Public Works

Concurrence:

Steve Barg
City Administrator

**BID SUMMARY
FOR
DEMOLITION OF BUILDING – 201 SOUTH PEACH AVENUE**

COMPANY NAME	BID AMOUNT	BID BOND
Don Nikolai Construction 8867 E 29 th St Marshfield, WI 54449	12,020.00	Yes
Earth Inc. 4362 Dairy Rd Arpin, WI 54410	27,450.00	Yes



City of
Marshfield

Memorandum

TO: Board of Public Works
FROM: Tom Turchi, City Engineer
DATE: May 15, 2014
RE: Request to review parking restrictions on E 17th Street.

BACKGROUND

The city received a request to review parking restrictions on East 17th Street between Central Avenue and Maple Avenue.

ANALYSIS

E 17th Street between Central Avenue and Maple Avenue is classified as a 'Local Street' in the 2007-2027 City of Marshfield Comprehensive Plan.

Existing conditions on E 17th Street between Central Avenue and Maple Avenue are as follows:

- The speed limit is 25 MPH.
- Stop control with 17th Street stopping at both Central and Maple Avenues.
- Parking is allowed on both sides of the street.

E 17th Street is a 32 foot wide (face to face) concrete street with curb and gutter. There are 14 driveway openings in this one block section of 17th Street.

There is a new restaurant that has opened on the corner of 17th Street and Central Avenue (1705 Central Avenue) that has increased the demand for parking on this single block of 17th Street. This increased utilization of local parking has made it difficult for the neighboring residents to enter and exit their driveways. Parking on both sides also makes it difficult for passing vehicles using this section of 17th Street.

In a review of parking spaces available on 17th street there are a total of 8-spaces on the north side and 11-spaces on the south side. From this removing parking on the north side of 17th Street would have the least effect on parking for this new business.

RECOMMENDATION

I recommend that "NO PARKING" be posted on the north side of E 17th Street from 160 feet east of the east right of way line of Central Avenue to Maple Avenue.

Respectfully submitted,

Thomas R. Turchi

Thomas Turchi

Concurrence:

Steve Barg

Steve Barg, City Administrator

Daniel G. Knoeck

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





**City of
Marshfield**

Memorandum

May 19, 2014

TO: Board of Public Works

FROM: David Buehler, GIS Coordinator

SUBJECT: 2015 Aerial Flight and Planimetric Update Project

BACKGROUND

The City of Marshfield periodically updates its aerial photography and planimetric data for use in the engineering department, and in support of all other City of Marshfield's departments through its City-wide GIS program. The flight has been traditionally conducted every five to six years, with the goal of procuring an update every five years. The last aerial flight and planimetric project was done in 2008, putting this update over due by three years when conducted in 2015. In the past, the City of Marshfield has traditionally acquired the update on its own, and in 2008 partnered with Marshfield Utilities. While conducting research into options for a 2014 update, the GIS Coordinator was approached by Wood County to be a partner in their flight in 2015 through a program called the Wisconsin Regional Orthophotography Consortium (WROC). WROC is a state-wide program aimed at building economies of scale through partnering running on a five year cycle on the 0s and 5s.

ANALYSIS

Upon conducting a cost benefit analysis the WROC program was found to be a superior option than others investigated for the following reasons:

- RFP process has already been conducted and a selection already made
- Meets or exceeds the City's current needs
- Partnering with multiple entities
 - o Wood County, Wisconsin Rapids
 - o Wisconsin Rapids Water Works and Lighting Commission
 - o Marshfield Utilities
- Syncs the City of Marshfield's update with surrounding entities allowing for data sharing and more future partners
- One stop shopping for the aerial photograph, LiDAR, and planimetrics
- Physical data ownership
- Significant costing savings through an economy of scale

The attached cost analysis sheet lays out three options for the 2015 update.

Option 1 (similar to the 2002 project):

The City of Marshfield goes it alone through WROC and flies just the City's area. This option has no partners, and the cost is all on the City of Marshfield. Deliverables may not be in the same year as the flight. The estimated cost would be \$129,995.28.

Option 2 (similar to the 2008 project):

The City of Marshfield only partners with Marshfield Utilities and conducts the project through WROC. The only partner in cost sharing is Marshfield Utilities. The flight area would expand to include the Marshfield Utilities' electrical service area making the total project area larger than the City's alone. Deliverables may not be in the same year as the flight. The estimated total cost would be \$164,837.78, of which Marshfield Utilities would likely contribute approximately \$30,224.20 toward the total amount to cover the cost of the expanded area. This contribution would reduce the City of Marshfield's portion of the project to \$134,613.58.

Option 3 (Partnering):

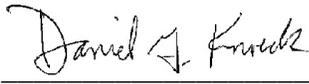
The City of Marshfield partners with Marshfield Utilities, Wood County, and Wood County's partners to build the best economy of scale through WROC. There are significant cost savings for the City of Marshfield and Marshfield Utilities, and deliverables are guaranteed to be in the same year as the flight (by December 2015). The estimated total cost would be \$118,666.10, of which Marshfield Utilities would contribute approximately \$30,224.20 to cover the cost of the expanded area. This would reduce the City of Marshfield's portion of the project to \$88,441.90.

RECOMMENDATION

Staff recommends that the Board of Public Works directs staff to proceed with Option 3 and authorizes staff to execute the attached memorandum of understanding with Wood County.

Please Note:

1. As funding for the project will need to be established as part of the 2015 Budget process, staff will come back to the Common Council requesting authorization to execute the contract with Ayres associates for the planimetric portion of the project.
2. For ease of tracking, it is anticipated at this time that the City of Marshfield will be covering the costs related to the City and Marshfield Utilities service area. Marshfield Utilities would then reimburse the City at the appropriate time during the project.

Concurrence: 
Dan Knoeck, Director of Public Works

Concurrence: 
Jason Angell, Director of Planning & Economic Development

Attachments:

- WROC Cost analysis
- Contract between Ayres Associates, Inc. and Wood County for the aerial flight and LiDAR services
- Memorandum of Understanding (MOU) between Wood County and the City of Marshfield for aerial flight and LiDAR services
- Contract between Ayres Associates, Inc. and the City of Marshfield for planimetric services
- WROC Info Sheet

WROC Cost Analysis

	Option 1 (2002)	Option 2 (2008)	Option 3 (Partnering)
	City of Marshfield Area Only	City of Marshfield & Utility Area	Partnering With Wood County
Aerial Area (Sq Miles)	49	137	137
LiDAR Area (Sq Miles)	35	119	121
Aerial Cost per Sq Mile	\$500.00	\$285.71	\$98.00
LiDAR Cost per Sq Mile	\$485.72	\$369.75	\$200.00
Subtotal Aerial	\$24,500.00	\$39,142.78	\$13,426.00
Subtotal LiDAR	\$23,800.28	\$44,000.00	\$24,200.00
Discount - LiDAR DTM	N/A	N/A	-\$654.90
LiDAR & Aerial Totals	\$48,300.28	\$83,142.78	\$36,971.10
Planimetrics	\$81,695.00	\$81,695.00	\$81,695.00
Project Total	\$129,995.28	\$164,837.78	\$118,666.10
Marshfield Utilities Contribution	None	\$30,224.20	\$30,224.20
City of Marshfield's Share	\$129,995.28	\$134,613.58	\$88,441.90

	Option 1 vs Option 3	Option 2 vs Option 3
	\$129,995.28	\$134,613.58
	\$88,441.90	\$88,441.90
City's Savings	\$41,553.38	\$46,171.68

AGREEMENT FOR PROFESSIONAL SERVICES

FOR

GEOSPATIAL SERVICES

THIS AGREEMENT is made by and between Wood County, Wisconsin, (OWNER) and Ayres Associates Inc, 5201 East Terrace Drive, Suite 200, Madison, Wisconsin, 53718 (CONSULTANT).

WHEREAS, the OWNER intends to retain the CONSULTANT to provide orthoimagery and LiDAR services within the project areas delineated in Attachment A.

NOW, THEREFORE, the OWNER and CONSULTANT agree to the performance of professional services by CONSULTANT and payment for those services by OWNER as set forth below:

ARTICLE 1 – SCOPE OF SERVICES

1.1 BASIC SERVICES

After written authorization to proceed, CONSULTANT shall:

1.1.1 Obtain digital aerial imagery during the spring of 2015 for the ortho project area shown on Attachment A, using a calibrated digital photogrammetric camera. Aerial imagery will be suitable for the production of 4-band (RGBN) orthoimagery at 6-inch ground pixel resolution. Aerial imagery will be planned and collected with full stereo-coverage, 30% sidelap and 60% forward overlap (+/- 5%).

The aerial imagery will be acquired when the sun angle is 30 degrees or greater above the horizon.

1.1.2 Collect control for the project using Inertial Measurement Unit (IMU), Airborne Global Positioning System (ABGPS), and ground-based GPS technology.

1.1.3 Prepare an analytical aerotriangulation solution for the aerial imagery to support digital orthoimagery meeting American Society for Photogrammetry and Remote Sensing (ASPRS) Class II standards for the appropriate mapping scale.

1.1.4 Prepare 6-inch resolution 4-band digital orthoimagery for 1"= 100' scale mapping for the Wood County project area which will meet ASPRS Class II horizontal standards (2.0 feet RMSE using the National Standard for Spatial Data Accuracy [NSSDA] testing procedures).

- The orthoimagery tiling structure will follow PLSS sections, delivered in uncompressed, TIFF format (with world file) and will be accompanied by a tiling schematic in ESRI format.
- Orthoimagery will include MrSID format compressed mosaics of the tiles and the entire ortho project area.

- Orthoimagery MrSID and TIFF deliverables will extend 500 feet beyond the County boundary.
- Deliverable products will be referenced to the Wisconsin County Reference System (WISCRS) – Wood County Coordinates; North American Datum 1983 (HARN); and vertically geo-referenced to the North American Vertical Datum 1988. Units will be Survey Feet.

1.1.5 Acquire aerial LiDAR (Light Detection And Ranging) in the spring of 2015 for the LiDAR project area shown on Attachment A.

- Nominal point spacing for the LiDAR acquisition will be approximately 1.0-meter.
- LiDAR acquisition will be flown with a minimum of 30% overlap between swaths.
- GPS survey and base stations will be established where needed to support LiDAR calibration to achieve vertical accuracy standard.
- The unclassified LiDAR point cloud will be calibrated to support the development a surface model which meets specified vertical accuracy requirements.

1.1.6 LiDAR data will be processed and classified to support a bare earth surface model and 2' topographic contours.

- Bare earth LiDAR surface will meet FEMA vertical accuracy standards (0.61 feet RMSEz using FEMA compliant/NSSDA testing procedures).
- The calibrated LiDAR point cloud will be classified to the following base classification scheme:

Class 1: Processed, but unclassified
 Class 2: Bare-earth ground
 Class 5: High Vegetation
 Class 6: Buildings
 Class 7: Noise (low or high)
 Class 9: Water
 Class 10: Ignored ground (breakline proximity)
 Class 11: Withheld

1.1.7 Classification of points in Classes 5 and 6 will be done using automated routines (these classifications do not include a statement of positional accuracy or completeness of content). Class 5 will be utilized for High Vegetation, greater than 10 feet above the ground. Class 6 will be utilized for Buildings.

1.1.8 Hydro-flattened breaklines will be compiled for ponded water that is 2 acres or greater and double lined streams with a minimum width of 20 feet. The hydro breaklines will be used in conjunction with the bare earth classified lidar points to create a bare earth digital elevation model (DEM) and topographic contours. The hydro breaklines will be delivered in ESRI shapefile format.

1.1.9 LiDAR deliverables will be tiled by 5,000x5,000 foot sections. A tile schematic will be delivered in ESRI Shapefile format.

- 1.1.10 LiDAR deliverables will extend 100 feet beyond the County boundary.
- 1.1.11 Prepare 2-foot interval contours from bare earth classified points and hydro-flattening breaklines. Attribution of index, intermediate, index depressions, and intermediate depressions contours will be included. Contours will be seamlessly edge-matched and clipped to the LiDAR project boundary in ESRI shapefile format.
- 1.1.12 LiDAR generated bare earth Digital Elevation Model (DEM) will be developed from classified bare earth points and breaklines.
- 1.1.13 Prepare a Digital Surface Model (DSM) using LiDAR first return data.
- 1.1.14 Prepare intensity images using LiDAR intensity of return data.
- 1.1.15 Prepare FGDC compliant metadata
- 1.1.16 Perform NSSDA statistical accuracy test (required for FEMA compliance). Accuracy tests to NSSDA standards entail GPS survey of independent check points throughout the LiDAR project area. Statistical analysis of these points against the surface model is performed and recorded as a root mean square error (RMSE).
- 1.1.17 Final deliverable products to OWNER will include:

Orthoimagery Deliverables:

- 6-inch 4-band orthoimagery tiles in uncompressed GeoTIFF format.
- 6-inch 4-band orthoimagery tiles in compressed MrSID format.
- 6-inch 4-band orthoimagery project wide mosaic in compressed MrSID format.
- Ground control locations in ASCII format
- FGDC compliant metadata
- Tile schematic in ESRI shapefile format
- Duplicate datasets will be delivered to the City of Marshfield & the City of Wisconsin Rapids

LiDAR Deliverables:

- Classified Lidar datasets in .LAS format and shapefile format
- Bare earth Lidar datasets in .LAS format and shapefile format
- 2-foot contours by tile in ESRI shapefile format
- Project-wide Hydro-flattened breaklines in ESRI shapefile format
- Project-wide DEM in ESRI GRID format
- Project-wide DSM in ESRI GRID format
- Project-wide intensity images in ESRI GRID format
- Ground control locations in ASCII format
- FGDC compliant metadata
- Tile schematic in ESRI shapefile format
- NSSDA/FEMA accuracy report in PDF format
- Duplicate datasets will be delivered to the City of Marshfield & the City of Wisconsin Rapids

1.2 ADDITIONAL SERVICES

Additional services are not called for in this Agreement.

ARTICLE 2 – CHANGES IN THE SCOPE OF SERVICES

2.1 Services Requiring Changes in the Scope of Services

The OWNER or the CONSULTANT may, from time to time, request changes in the scope of services to be performed hereunder. Such changes, while not anticipated, may include an increase or decrease in the amount of CONSULTANT'S compensation. Any such changes must be mutually agreed by and between OWNER and CONSULTANT and shall be incorporated in written amendments to this agreement. Such changes may include:

- 2.1.1 Services to investigate existing conditions or facilities or to verify the accuracy of information furnished by OWNER.
- 2.1.2 Services resulting from significant changes in the general scope, extent or character of the Project.
- 2.1.3 Furnishing services of independent professional associates and consultants for other than Basic Services.
- 2.1.4 Preparing to serve or serving as a consultant or witness for OWNER in any litigation, arbitration or other legal or administrative proceeding involving the Project.
- 2.1.5 Additional services in connection with the Project, including services, which are to be furnished by OWNER and services not otherwise, provided for in this Agreement.

ARTICLE 3 - OWNER'S RESPONSIBILITIES

OWNER shall do the following in a timely manner so as not to delay the services of CONSULTANT:

- 3.1 Place at CONSULTANT's disposal all available pertinent information, upon which the CONSULTANT can rely. This may include project boundaries in georeferenced vector format, existing digital terrain models, and existing ground control information.
- 3.2 Arrange for access to and make all provisions for CONSULTANT to enter upon public property as required for CONSULTANT to perform services under this Agreement.
- 3.3 Furnish approvals and permits from all governmental authorities having jurisdiction over the Project and such approvals and consents from others as may be necessary for completion of the Project.
- 3.4 Give prompt written notice to CONSULTANT whenever OWNER observes or otherwise becomes aware of any development that affects the scope or timing of CONSULTANT's services.

ARTICLE 4 - PERIODS OF SERVICE

- 4.1 The provisions of this Article 4 and the compensation for CONSULTANT's services have been agreed to in anticipation of the orderly and continuous progress of the Project.
- 4.2 Specific tasks will be completed and delivered according to the following schedule:
- Pilot ortho tiles: delivered by July 31, 2015
 - Pilot LiDAR tiles: delivered by August 31, 2015
 - Orthoimagery GeoTIFF tiles: delivered by October 31, 2015
 - Compressed Orthoimagery MrSID tiles and Mosaics: delivered one month after acceptance of the GeoTIFF tiles by OWNER
 - Lidar Products: delivered three months after acceptance of Pilot tiles by OWNER
- 4.3 The expiration date of this Agreement is December 31, 2020. The Scope of Services called for in Article 1 of this Agreement will be completed three months after acceptance of the Pilot LiDAR tiles (estimated to be December 31, 2015). All changes in scope or additional services requested by the OWNER through December 31, 2020 will require written amendments to this Agreement according to Article 2.
- 4.4 CONSULTANT's services under this Agreement shall be considered complete when submissions have been accepted by the OWNER.
- 4.5 If OWNER has requested significant modifications or changes in the general scope, extent or character of the Project, the time of performance of CONSULTANT's services shall be adjusted equitably.
- 4.6 If CONSULTANT's services for the Project are delayed or suspended in whole or in part by OWNER for more than three months for reasons beyond CONSULTANT's control, CONSULTANT shall on written demand to OWNER (but without termination of this Agreement) be paid for services completed as provided in paragraph 5.1.1.

ARTICLE 5 - PAYMENTS

5.1 Compensation for Services

5.1.1 OWNER shall compensate CONSULTANT for services included in Article 1 as follows:

• Aerial Imagery acquisition & 6-inch orthoimagery:	\$ 87,318.00
• 4-band imagery delivery	\$ 4,365.00
• LiDAR acquisition & 2-ft contours:	\$173,400.00
• NSSDA/FEMA accuracy survey and report:	\$ 8,000.00
• Fee Reduction for LiDAR generated DEM	\$ (4,366.00)

Total: \$ 268,717.00

5.2 Times of Payments

- 5.2.1 CONSULTANT shall submit invoices to the OWNER as follows
- \$100,000.00 June 30th, 2014 for project planning
 - \$70,000.00 after digital imagery & LiDAR acquisition
 - \$25,000.00 after Pilot Ortho tiles are delivered
 - \$50,000.00 after Pilot LiDAR tiles are delivered
 - \$25,000.00 after Orthoimagery GeoTIFF tiles and Compressed Orthoimagery MrSID tiles and mosaics are delivered
 - \$28,083.00 LiDAR products are delivered

5.3 Other Provisions Concerning Payments

- 5.3.1 If OWNER fails to make any payment due CONSULTANT for services and expenses within sixty days after receipt of Consultant's invoice, the amounts due CONSULTANT will be increased at the rate of 1-1/2% per month (18% A.P.R.) from said sixtieth day, and in addition, CONSULTANT may, after giving seven days' written notice to OWNER, suspend services under this Agreement until CONSULTANT has been paid in full all amounts due for services and expenses. If for some reason there is a dispute concerning an invoice and the dispute extends beyond one month, the owner will not be assessed a 1.5% penalty to that invoice.
- 5.3.2 In the event of termination by OWNER, CONSULTANT will be reimbursed for all charges and services rendered.
- 5.3.3 Records pertinent to CONSULTANT's compensation will be kept in accordance with generally accepted accounting practices.
- 5.3.4 Factors determining compensation payable to CONSULTANT will be adjusted periodically and equitably to reflect changes in various elements that comprise such factors. Any changes must be mutually agreed by and between the OWNER and the CONSULTANT and shall be incorporated in written amendments to this agreement.

ARTICLE 6 - GENERAL CONSIDERATIONS

6.1 Reuse of Documents

Any reuse of the services and documents provided under this agreement for purposes not intended, will be at the OWNER'S sole risk.

6.2 Controlling Law

This Agreement is to be governed by the law of the State of Wisconsin.

6.3 Termination

The obligation to provide further services under this Agreement may be terminated by either party by written notice in the event of failure by either party to perform in accordance with the terms hereof through no fault of the terminating party. The non-terminating party will have thirty (30) calendar days from the date of the written notice to

remedy its failure to perform. If the failure to perform by the non-terminating party is not remedied after thirty (30) days from written notice, this Agreement may be terminated.

6.4 Indemnification

The CONSULTANT hereby agrees to indemnify the OWNER for all claims arising solely from negligent acts, errors or omissions of the CONSULTANT in the performance of professional services under this agreement.

6.5 Data ownership Assignment

The CONSULTANT assigns ownership of the data to the OWNER and its project participants for all deliverable products produced under this contract. The CONSULTANT agrees that the products and documents shall not be made available to nor used to prepare additional products for any individual or organization at any time without prior written approval by the OWNER.

6.6 Force Majeure

Neither party will be responsible to the other for damage, loss, injury, or interruption of work if the damage, loss, injury, or interruption of work is caused solely by conditions that are beyond the reasonable control of the parties, and without the intentional misconduct or negligence, of that party (hereinafter referred to as a “force majeure event”). To the extent not within the control of either party, such force majeure events include: acts of God, acts of any governmental authorities, fire, explosions or other casualties, vandalism, and riots or war. A party claiming a force majeure event (“the claiming party”) shall promptly notify the other party in writing, describing the nature and estimated duration of the claiming party’s inability to perform due to the force majeure event. The cause of such inability to perform will be remedied by the claiming party with all reasonable dispatch.

6.7 Standard of Care

The same degree of care, skill, and diligence shall be exercised in the performance of the Services as is ordinarily possessed and exercised by a member of the same profession, currently practicing, under similar circumstances.

ARTICLE 7 - EXHIBITS AND SCHEDULES

7.1 The following Exhibits are attached to and made a part of this Agreement.

7.1.1 Attachment A – Project Areas Map of Wood County (consists of 1 page).

7.2 This Agreement (consisting of pages 1 to 9, inclusive), together with the Exhibits and Attachments identified above, constitute the entire agreement between OWNER and CONSULTANT and supersede all prior written or oral understandings. This Agreement and said Exhibits may only be amended, supplemented, modified or canceled by a duly executed written instrument.

IN WITNESS WHEREOF, the parties hereto have made and executed this Agreement as of the day and year first written above.

Wood County, WI
OWNER

Ayres Associates Inc
CONSULTANT

(Signature)

(Typed Name) Kirk M. Contrucci

(Title) Vice President

(Date)

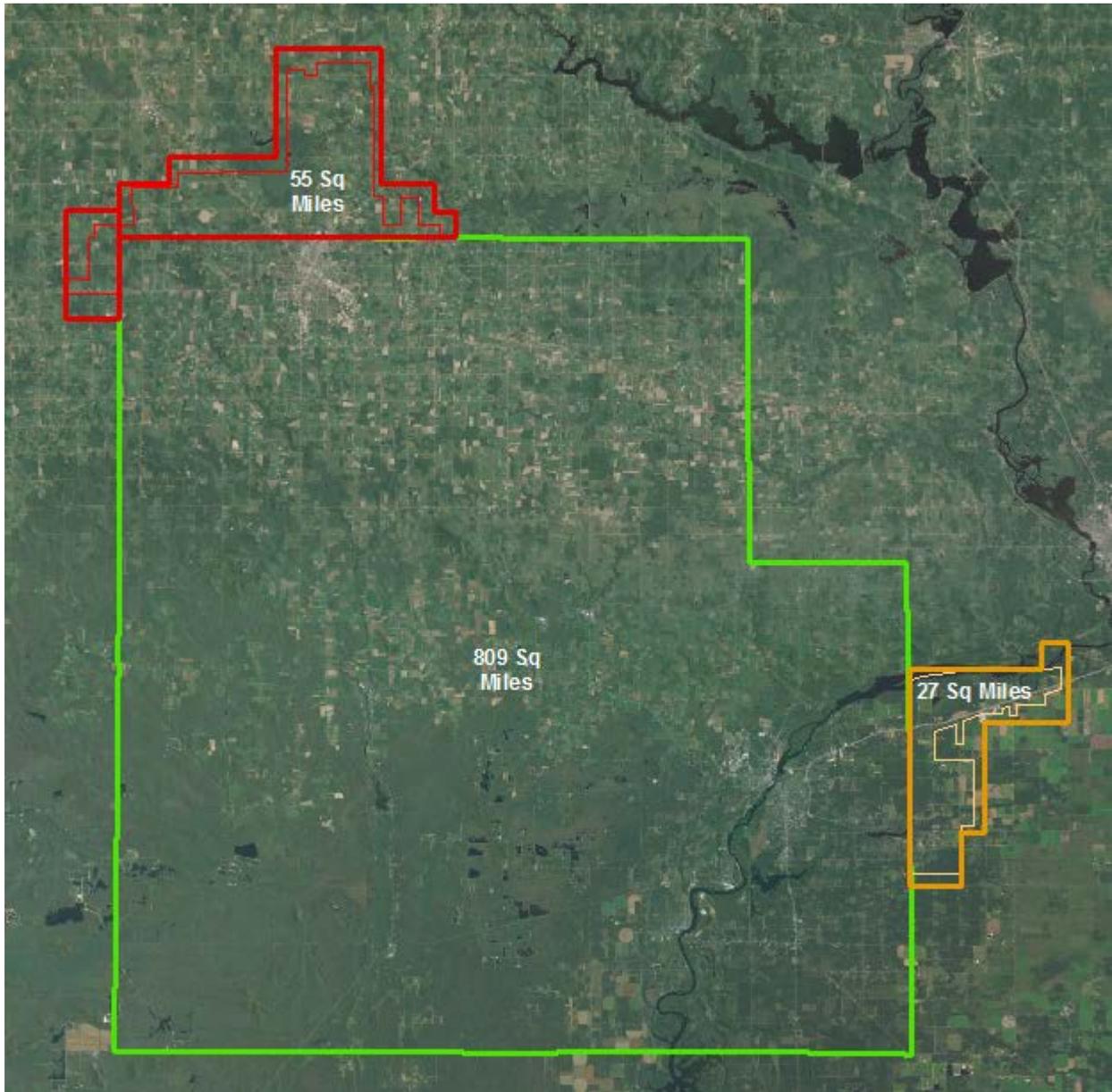
Attachment A Map of Project Areas

Wood County Project Area, 809 square miles (Green)

Additional Marshfield project Area, 55 square miles Ortho, 39 square miles LiDAR (Red)

Additional Wisconsin Rapids project area, 27 square miles Ortho, 19 square miles LiDAR (Orange)

Total Area = 891 square miles Ortho, 867 square miles LiDAR



2015 LiDAR/Orthophotography Project
MEMORANDUM OF UNDERSTANDING

Between
WOOD COUNTY
And
CITY OF MARSHFIELD
And
CITY OF WISCONSIN RAPIDS

This Memorandum of Understanding (MOU) is made and entered into by and between the entities listed above and may collectively be referred to as the parties to this MOU. The purpose of this MOU is to document a framework of cooperation for LiDAR and orthophotography as a part of the Wisconsin Regional Orthophotography Consortium (WROC) in 2015. This MOU describes the breakdown of project costs. Wood County will contract the project and be the primary contact with Ayres Associates. The cities of Wisconsin Rapids and Marshfield will reimburse Wood County as outlined below and according to payment provisions in LiDAR/Orthophotography Project contract. The following prices are a not to exceed amount. Any partner funding secured for WROC will be provided to the County to reduce the overall costs. Any WROC reduction will be split Marshfield 15%, Wisconsin Rapids 8% and Wood County 77%.

LiDAR

- 2' LiDAR Dataset
- Project Area: 809 sq. miles inside county + 58 sq. miles outside county = 867 sq. miles
- 867 sq. miles x \$200 per sq. mile = \$173,400
 1. City of Marshfield
 - a. Outside County: 39 sq. miles x \$200 = \$7,800
 - b. Inside County: 82 sq. miles x \$200 = \$16,400
 - c. LiDAR Total: 121 sq. miles x \$200 = \$24,200
 2. City of Wisconsin Rapids
 - a. Outside County: 19 sq. miles x \$200 = \$3,800
 - b. Inside County: 47 sq. miles x \$200 = \$9,400
 - c. LiDAR Total: 66 sq. miles x \$200 = \$13,200
 3. Wood County
 - a. County Area - Cities: 809 sq. miles - 129 sq. miles = 680 sq. miles
 - b. FEMA/NSSDA Report = \$8,000
 - c. LiDAR Total: 680 sq. miles x \$200 + \$8,000 = \$144,000

Orthophotography

- 6 inch resolution color orthophotography
- Project Area: 809 sq. miles inside county + 82 sq. miles outside county = 891 sq. miles
- 891 sq. miles x \$98 per sq. mile = \$87,318
- Optional Color Infrared (CIR) Band: 5% of total orthophotography cost (\$4365.90)
 1. City of Marshfield
 - a. Outside County: 55 sq. miles x \$98 = \$5,390
 - b. Inside County: 82 sq. miles x \$98 = \$8,036
 - c. Ortho Total: 137 sq. miles x \$98 = \$13,426
 2. City of Wisconsin Rapids
 - a. Outside County: 27 sq. miles x \$98 = \$2,646
 - b. Inside County: 47 sq. miles x \$98 = \$4,606
 - c. Ortho Total: 74 sq. miles x \$98 = \$7,252
 - d. Additional CIR Band: \$7,252 + 5%(\$362.60) = \$7,614.60
 3. Wood County
 - a. County - Cities: 809 sq. miles - 129 sq. miles = 680 sq. miles
 - b. Ortho Total: 680 sq. miles x \$98 = \$66,640
 - c. Additional CIR Band: \$66,640 + 5% (\$3,332) = \$69,972

Project Totals

- Total LiDAR/Orthophotography Project = \$268,090.26
- \$4,366 cost reduction for LiDAR generated DEM applied proportional to area

City of Marshfield

LiDAR: \$24,200
Ortho: \$13,426
\$37,626
Discount: -\$654.90
Total: \$36,971.10

City of Wisconsin Rapids

LiDAR: \$13,200
Ortho: \$7,614.60
\$20,814.60
Discount: -\$349.28
Total: \$20,465.32

Wood County

LiDAR: \$144,000
Ortho: \$69,972
\$213,972
Discount: -\$3,318.16
Total: \$210,653.84

Approval

The undersigned acknowledge that they have reviewed the 2015 LiDAR/Orthophotography project Memorandum of Understanding and agree with the information presented within this document. Changes to this Memorandum of Understanding need to be coordinated with, and approved by, the undersigned, or their designated representatives.

Signature: Jason R. Greenberg

Date: 5-13-14

Print Name: Jason R Greenberg

Title: Director of Planning + Zoning

Signature: _____

Date: _____

Print Name: _____

Title: _____

AGREEMENT FOR PROFESSIONAL SERVICES

FOR

GEOSPATIAL SERVICES

THIS AGREEMENT is made by and between City of Marshfield, Wisconsin, (OWNER) and Ayres Associates Inc, 5201 East Terrace Drive, Suite 200, Madison, Wisconsin, 53718 (CONSULTANT).

WHEREAS, the OWNER intends to retain the CONSULTANT to provide planimetric mapping services within the project areas delineated in Attachment A.

NOW, THEREFORE, the OWNER and CONSULTANT agree to the performance of professional services by CONSULTANT and payment for those services by OWNER as set forth below:

ARTICLE 1 – SCOPE OF SERVICES

1.1 BASIC SERVICES

After written authorization to proceed, CONSULTANT shall:

1.1.1 Photogrammetrically compile the planimetric features shown on Attachment B – Planimetric Feature List (excluding the DTM features). Features will be mapped using digital stereo imagery collected under a separate contract with Wood County, WI in Spring of 2015. All features that can be identified from the imagery which are on the feature list in Attachment B will be mapped to 1" = 100' scale mapping (2.0 feet RMSE using the National Standard for Spatial Data Accuracy [NSSDA] testing procedures). All structures 10' x 10' and larger will be collected at the roofline. All features will be delivered in a feature geodatabase. The project boundary is delineated on Attachment A.

- Deliverable products will be referenced to the Wisconsin County Reference System (WISCRS) – Wood County Coordinates; North American Datum 1983 (HARN); and vertically geo-referenced to the North American Vertical Datum 1988. Units will be Survey Feet.

1.1.2 Prepare FGDC compliant metadata

1.1.3 Final deliverable products to OWNER will include:

Planimetric Mapping Deliverables:

- Digital planimetric mapping in Esri Geodatabase and DGN format
- Digital planimetric mapping in DGN format, tiled to PLSS quarter sections
- FGDC compliant metadata in HTML and XML format.

1.2 ADDITIONAL SERVICES

Additional services are not called for in this Agreement.

ARTICLE 2 – CHANGES IN THE SCOPE OF SERVICES

2.1 Services Requiring Changes in the Scope of Services

The OWNER or the CONSULTANT may, from time to time, request changes in the scope of services to be performed hereunder. Such changes, while not anticipated, may include an increase or decrease in the amount of CONSULTANT'S compensation. Any such changes must be mutually agreed by and between OWNER and CONSULTANT and shall be incorporated in written amendments to this agreement. Such changes may include:

- 2.1.1 Services to investigate existing conditions or facilities or to verify the accuracy of information furnished by OWNER.
- 2.1.2 Services resulting from significant changes in the general scope, extent or character of the Project.
- 2.1.3 Furnishing services of independent professional associates and consultants for other than Basic Services.
- 2.1.4 Preparing to serve or serving as a consultant or witness for OWNER in any litigation, arbitration or other legal or administrative proceeding involving the Project.
- 2.1.5 Additional services in connection with the Project, including services, which are to be furnished by OWNER and services not otherwise, provided for in this Agreement.

ARTICLE 3 - OWNER'S RESPONSIBILITIES

OWNER shall do the following in a timely manner so as not to delay the services of CONSULTANT:

- 3.1 Place at CONSULTANT's disposal all available pertinent information, upon which the CONSULTANT can rely. This may include project boundaries in georeferenced vector format, existing digital terrain models, the most current Esri Geodatabase which includes the existing Planimetric data, Microstation cell library, Microstation seed file, and existing ground control information.
- 3.2 Arrange for access to and make all provisions for CONSULTANT to enter upon public and private property as required for CONSULTANT to perform services under this Agreement.
- 3.3 Furnish approvals and permits from all governmental authorities having jurisdiction over the Project and such approvals and consents from others as may be necessary for completion of the Project.
- 3.4 Give prompt written notice to CONSULTANT whenever OWNER observes or otherwise becomes aware of any development that affects the scope or timing of CONSULTANT'S

services.

ARTICLE 4 - PERIODS OF SERVICE

- 4.1 The provisions of this Article 4 and the compensation for CONSULTANT's services have been agreed to in anticipation of the orderly and continuous progress of the Project.
- 4.2 The services called for in Article 1 will be completed and submitted by December 31, 2015. Specific tasks will be completed and delivered according to the following schedule:
- Preliminary planimetric delivery: delivered by November 1, 2015
 - Final planimetric delivery: delivered by December 31, 2015
- 4.3 The expiration date of this Agreement is December 31, 2020. The Scope of Services called for in Article 1 of this Agreement will be completed one month after acceptance of the planimetric data (estimated to be December 31, 2015). All changes in scope or additional services requested by the OWNER through December 31, 2020 will require written amendments to this Agreement according to Article 2.
- 4.4 CONSULTANT's services under this Agreement shall be considered complete when submissions have been accepted by the OWNER.
- 4.5 If OWNER has requested significant modifications or changes in the general scope, extent or character of the Project, the time of performance of CONSULTANT's services shall be adjusted equitably.
- 4.6 If CONSULTANT's services for the Project are delayed or suspended in whole or in part by OWNER for more than three months for reasons beyond CONSULTANT's control, CONSULTANT shall on written demand to OWNER (but without termination of this Agreement) be paid for services completed as provided in paragraph 5.1.1.

ARTICLE 5 - PAYMENTS

5.1 Compensation for Services

- 5.1.1 For the services outline above in ARTICLE 1, OWNER shall compensate CONSULTANT a lump sum fee of \$81,695.00.

5.2 Times of Payments

- 5.2.1 CONSULTANT shall submit monthly invoices for Basic and Additional Services rendered. OWNER shall make prompt monthly payments in response to CONSULTANT's invoices.

5.3 Other Provisions Concerning Payments

- 5.3.1 If OWNER fails to make any payment due CONSULTANT for services and expenses within sixty days after receipt of Consultant's invoice, the amounts due CONSULTANT will be increased at the rate of 1-1/2% per month (18% A.P.R.) from said sixtieth day,

and in addition, CONSULTANT may, after giving seven days' written notice to OWNER, suspend services under this Agreement until CONSULTANT has been paid in full all amounts due for services and expenses. If for some reason there is a dispute concerning an invoice and the dispute extends beyond one month, the owner will not be assessed a 1.5% penalty to that invoice.

- 5.3.2 In the event of termination by OWNER, CONSULTANT will be reimbursed for all charges and services rendered.
- 5.3.3 Records pertinent to CONSULTANT's compensation will be kept in accordance with generally accepted accounting practices.
- 5.3.4 Factors determining compensation payable to CONSULTANT will be adjusted periodically and equitably to reflect changes in various elements that comprise such factors. Any changes must be mutually agreed by and between the OWNER and the CONSULTANT and shall be incorporated in written amendments to this agreement.

ARTICLE 6 - GENERAL CONSIDERATIONS

6.1 Reuse of Documents

Any reuse of the services and documents provided under this agreement for purposes not intended, will be at the OWNER'S sole risk.

6.2 Controlling Law

This Agreement is to be governed by the law of the State of Wisconsin.

6.3 Termination

The obligation to provide further services under this Agreement may be terminated by either party by written notice in the event of failure by either party to perform in accordance with the terms hereof through no fault of the terminating party. The non-terminating party will have thirty (30) calendar days from the date of the written notice to remedy its failure to perform. If the failure to perform by the non-terminating party is not remedied after thirty (30) days from written notice, this Agreement may be terminated.

6.4 Indemnification

The CONSULTANT hereby agrees to indemnify the OWNER for all claims arising solely from negligent acts, errors or omissions of the CONSULTANT in the performance of professional services under this agreement.

6.5 Data ownership Assignment

The CONSULTANT assigns ownership of the data to the OWNER and its project participants for all deliverable products produced under this contract. The CONSULTANT agrees that the products and documents shall not be made available to nor used to prepare additional products for any individual or organization at any time without prior written approval by the OWNER.

6.6 Force Majeure

Neither party will be responsible to the other for damage, loss, injury, or interruption of work if the damage, loss, injury, or interruption of work is caused solely by conditions that are beyond the reasonable control of the parties, and without the intentional misconduct or negligence, of that party (hereinafter referred to as a “force majeure event”). To the extent not within the control of either party, such force majeure events include: acts of God, acts of any governmental authorities, fire, explosions or other casualties, vandalism, and riots or war. A party claiming a force majeure event (“the claiming party”) shall promptly notify the other party in writing, describing the nature and estimated duration of the claiming party’s inability to perform due to the force majeure event. The cause of such inability to perform will be remedied by the claiming party with all reasonable dispatch.

6.7 Standard of Care

The same degree of care, skill, and diligence shall be exercised in the performance of the Services as is ordinarily possessed and exercised by a member of the same profession, currently practicing, under similar circumstances.

ARTICLE 7 - EXHIBITS AND SCHEDULES

- 7.1 The following Exhibits are attached to and made a part of this Agreement.
 - 7.1.1 Attachment A – Project Areas Map of City of Marshfield (consists of 1 page).
 - 7.1.2 Attachment B – Planimetric Feature List of City of Marshfield (consists of 1 page).
- 7.2 This Agreement (consisting of pages 1 to 7, inclusive), together with the Exhibits and Attachments identified above, constitute the entire agreement between OWNER and CONSULTANT and supersede all prior written or oral understandings. This Agreement and said Exhibits may only be amended, supplemented, modified or canceled by a duly executed written instrument.

IN WITNESS WHEREOF, the parties hereto have made and executed this Agreement as of the day and year first written above.

City of Marshfield, WI		Ayres Associates Inc
OWNER		CONSULTANT
_____	(Signature)	_____
_____	(Typed Name)	Kirk M. Contrucci
_____	(Title)	Vice President
_____	(Date)	_____

Attachment A Marshfield Planimetric Mapping Project Area

Approximately 35 square miles

2008 TOPOGRAPHIC MAP INDEX

	1	2	3	4	5	6	7	8	9	10	11		
T26N R2E	12	13	14	15	16	17	18	19	20	21	22	T26N R3E	
	23	24	25	26	27	28	29	30	31	32	33		
	34	35	36	37	38	39	40	41	42	43	44		
	45	46	47	48	49	50	51	52	53	54	55	T25N R3E	
	56	57	58	59	60	61	62	63	64	65	66		
	67	68	69	70	71	72	73	74	75	76	77		
	78	79	80	81	82	83	84	85	86	87	88	89	
		90	91	92	93	94	95	96	97	98	99		
		100	101	102	103	104	105	106	107	108	109		
T25N R2E		110	111	112	113	114	115	116	117	118	119		
		120	121	122	123	124	125	126	127	128	129		
		130	131	132	133	134	135	136	137	138	139		

Attachment B Planimetric Feature List

Alley	Pipeline
BikePath	Pole
Billboard	PondedWater
BridgeDeck	Pool
Cemetery	Post
<i>Centerlines</i>	<i>RailroadActive</i>
Control	<i>RailroadSignal</i>
Courtyard	<i>RailroadSwitch</i>
<i>Culvert</i>	Recreation
Dam	<i>Riprap</i>
DataQuality	River
Deck	Road
<i>Ditch (Public Roads)</i>	Runway
Driveway	Satellite Dish
DTMMassPoint	Shoulder
Fence	Sidewalk
Footbridge	Sign
Guardrail	StorageArea
<i>Headwall</i>	Stream
hiddenRiver	Structure
HiddenStream	Substation
Island	Tower
Median	Trail
Miscellaneous	Treeline
Parking	Treepoint
Patio	Wall
PavedArea	Wetland
PierDock	2ft Contours

WROC 2015



Counties • Municipalities • Tribes • State Agencies
Federal Agencies • Universities • Private Sector • Non-Profits

What is WROC?

The Wisconsin Regional Orthophotography Consortium (WROC) is a multi-entity group organized through Wisconsin's regional planning commissions (RPCs). The Consortium has successfully built and now maintains a multi-participant program to acquire updated digital orthophotography and elevation data on a 5-year cycle. As part of the program, the Consortium representatives can provide assistance in coordinating mapping services for those interested in participating. The Consortium is now preparing for a 2015 program involving both new and past participants from across the state.

Benefits of participating

WROC encourages a spirit of cooperation within the Wisconsin land information community and uses the expertise of an all-Wisconsin mapping team. It also brings numerous direct benefits to participants:

- Excellent value through:
 - economy of scale
 - partner funding
 - efficiency in implementation
- Data-sharing among members
- Specifications and standards support
- Procurement support
- Optional benefits for 2015
 - online data hosting
 - web-based QC

What is digital orthophotography?

Digital orthophotography is the foundation for GIS, forming the base layer from which many map attributes are created. It combines the characteristics of an aerial photograph with the geometric qualities of a map. This allows GIS and CADD software programs to accurately place all visible ground features in their true map position, allowing users to:

- Make accurate distance and area calculations across the entire image mosaic.
- Determine the true position or map coordinates of any feature observed in the image without physically visiting the location where the feature exists.



What's it used for?

Digital orthophotography is used throughout Wisconsin for vital purposes such as emergency planning and response, government decision-making, and sound land use policy development.

A sampling of applications includes:

- Parcel mapping
- Asset management
- Property assessment
- Environmental monitoring and management
- Impervious surface mapping
- Building permit tracking
- Zoning enforcement
- Emergency dispatch code enforcement
- Municipal growth planning
- Urban forest management
- Floodplain mapping
- Preliminary engineering design
- Change detection
- Public meeting displays

Customize your options and detail

To meet the needs of the largest number of potential participants, a variety of imagery options are available through the WROC program. Aerial imagery will be acquired using a 4-band digital camera to provide participants with options for any combination of natural color, color infra-red, or black-and-white digital orthoimagery at four different pixel resolutions. All orthoimagery will conform to ASPRS Class II accuracy standards.

Detail Level	Map Scale
3" Pixel Resolution	1" = 50'
6" Pixel Resolution	1" = 100'
12" Pixel Resolution	1" = 200'
18" Pixel Resolution	1" = 400'

(Smaller pixel resolution = greater detail visible in image.)



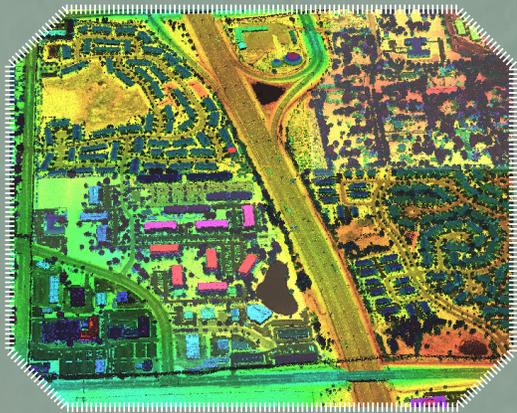
Budget Pricing (Not to Exceed Numbers)

How much does it cost?

Imagery options for WROC have been unit-priced so that participants can budget for project costs. The preliminary unit price estimates are to be used for budgetary purposes. The actual unit prices will likely decrease as participation increases and partner funding is secured.

Square Miles	Resolution			
	3"	6"	12"	18"
30 to 100	\$975	\$495		
101 to 400	\$850	\$225		
401 and up	\$650	\$98	\$65	\$30

- All unit prices apply to contiguous areas only.
- The 3" and 6" prices for projects from 30 to 400 square miles require an existing suitable DEM for orthorectification.
- For pricing on projects that fall into the shaded categories, or are smaller than 30 square miles, please contact a WROC representative.



LiDAR



Remote Sensing



Photogrammetric Mapping

Additional services

Because each of these services can vary greatly in scope and specifications, costs for additional services will be provided to participants on a project-by-project basis. If you're interested in learning more about additional geospatial services, please refer to the contact information below.

How can you participate?

Any organization can participate in WROC. For more information, contact one of the following Consortium representatives:

Andrew Faust, GISP
North Central Wisconsin RPC
715.849.5510
afaust@ncwrpc.org

Kirk Contrucci, CP
Ayres Associates
608.443.1213
contruccik@ayresassociates.com

Jeffrey Stroub, CP, PLS
AeroMetric
920.457.3631
jstroub@aerometric.com

Michael Zuege
East Central Wisconsin RPC
920.751.4770
mzuege@eastcentralrpc.org

Joshua Schedler
Bay-Lake RPC
920.448.2820
jschedler@baylakerpc.org

Jay Tappen
West Central Wisconsin RPC
715.836.2918
jtappen@wcrpc.org



City of Marshfield Memorandum

DATE: May 15, 2014
TO: Board of Public Works
FROM: Steve Barg, City Administrator *SB*
RE: Policy for parking coupons

Background

Last September, the Board gave conceptual approval to a proposed plan that would allow downtown business owners to purchase "coupon books". If one of their customers gets a parking ticket, due to their time in that store, the business owner can then give that person a coupon, which can be used to void the ticket with the police department. The intent is to offer flexibility to the standard 90-minute parking limit, and it's expected to be used most by businesses whose customers have a need for additional time, such as hair salons, etc.

Proposal

The attached policy was drafted to cover the main points of the plan, including key issues raised in the Board's previous discussion (1-year "trial", intended for customers only). In addition, I have attached a design for these coupons, prepared jointly by Chief Jepsen and Denise Sonnemann, along with a notice that Main Street will send to downtown business owners, if this program is approved. Where a parking ticket usually costs \$13, a business owner may buy a book of 5 tickets for \$25. However, they are being told that no refunds will be given for any unused tickets, and the program may not last beyond 2014. The City will print the coupon books and collect all revenues from the purchase of these books.

Recommendation

Staff recommends that the Board approve the attached policy allowing the sale and use of parking coupons on a one-year trial basis, with a review after December 1st to determine whether this program will continue into future years.

SB:sb

 **BOARD OF PUBLIC WORKS MINUTES**
OF SEPTEMBER 16, 2013 

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

PRESENT: Mike Feirer, Tom Buttke, Gary Cummings, Gordon Earll and Ed Wagner

EXCUSED: None

ALSO PRESENT: City Administrator Barg; Director of Public Works Knoeck; City Engineer Turchi; Assistant City Engineer Cassidy; Denise Sonnemann – Main Street Marshfield; the media; and others.

PW13-121 Motion by Cummings, second by Buttke to recommend approval of the minutes of the September 3, 2013 and September 9, 2013 Board of Public Works meetings.

All 'Ayes' Motion Carried

Citizen Comments – None

Director of Public Works Knoeck presented a Street Division construction update. Knoeck reported that the Street Division removed the asphalt pavement on Park Street from 7th to Pine on Friday, September 13 and that the underlying concrete pavement is in much worse condition than expected. This will require a change in scope for the proposed overlay project. Staff will bring a recommendation back to the Board at a future meeting.

City Engineer Turchi presented an Engineering Division construction update.

PW13-122 Motion by Buttke, second by Earll to recommend approval of the selection of Zimmerman Architectural Studios Inc. of Milwaukee, WI as consultant for City Hall and Police Station Facilities Study at a cost of \$22,850 and authorize execution of an agreement, and to further recommend establishing an advisory committee for the project consisting of the City Administrator, Police Chief, Director of Planning & Economic Development, Director of Public Works, Building Services Supervisor, Chairman of the Board of Public Works and Chairman of the Finance, Budget & Personnel Committee or his designee.

All 'Ayes' Motion Carried

The Board of Public Works discussed the consideration of a coupon book proposal for exceeding downtown parking restrictions. Earll questioned how the \$5.00 fee per coupon was determined. Wagner stated that the City already subsidizes downtown parking by building municipal lots and providing free parking. Wagner stated that he thinks that this is an innovative idea but not necessary. He would prefer to stay with current enforcement methods. Wagner is also concerned about store owners and employees abusing the coupons books for their own benefit. Feirer is willing to give it a try. Earll tends to agree with Wagner but could accept a trial period. Cummings agrees that it would not be a problem to try it.

PW13-123 Motion by Cummings, second by Buttke to recommend staff move forward with the concept of a coupon book for exceeding downtown parking restrictions on a trial basis and forward this item to the Common Council for consideration.

Feirer, Buttke, Cummings & Earll voted 'Aye', Wagner voted 'No' Motion Carried

PW13-124 Motion by Wagner, second by Cummings to recommend approval of Preliminary Resolution No. 2013-46 for Park Street Sanitary Sewer Laterals and refer to the Common Council for consideration.

All 'Ayes' Motion Carried

BOARD OF PUBLIC WORKS

September 16, 2013

Page 2

PW13-125 Motion by Wagner, second by Buttke to recommend approval of the Revised 2013 Asphalt Paving List as presented, adding Hume Avenue (4th to 18th) and delaying the asphalt paving on Park Street until 2014.

All 'Ayes' Motion Carried

PW13-126 Motion by Wagner, second by Buttke to recommend approval of additional contractors as prequalified to bid on 2013 City of Marshfield construction projects as presented.

All 'Ayes' Motion Carried

PW13-127 Motion by Wagner, second by Buttke to recommend that the first Board of Public works meeting of October be held on Monday, September 30, 2013 at 5:30 PM and the second October meeting of the Board of Public works be held on Monday, October 14, 2013, also at 5:30 PM.

All 'Ayes' Motion Carried

Recommended items for future agendas:

- A special Board of Public Works meeting will be held on Tuesday, September 24 at 6:40 PM to award bids for the Popp Avenue Detention Basin project and the Hartl Site Storm Sewer reconstruction project.
- Alderman Wagner would like an update on turn lanes at Blodgett Street and Peach Avenue.

Motion by Cummings, second by Buttke that the meeting be adjourned at 6:16 PM.

All 'Ayes' Motion Carried

Daniel G. Knoeck, Secretary
BOARD OF PUBLIC WORKS

Policy – coupon books for downtown parking violations

This policy is designed to be in place for a one season “trial” period from June 1, 2014 through November 30, 2014. The intent is to provide relief from downtown parking regulations in cases where a customer is in a business in excess of the maximum time allowed for on-street parking and receives a ticket. To address these cases, a business owner or manager may purchase from the City a booklet containing 5 coupons, to be given to customers for use in voiding the ticket at the police station. Use of these coupons is intended to be for customers only, and should not be used to cover parking tickets received by business owners, managers, or their employees. Each business will be limited to buying a maximum of 3 booklets, at a cost of \$25 per booklet, and no refund will be given for any unused coupons; however, they may be used in subsequent years, if the program is continued. Coupons won't be accepted if an unpaid parking ticket was issued 4 or more business days before presenting the coupon.

This policy will be reviewed after November 30, 2014 to determine its effectiveness, and if any abuses were observed. Based on the outcome of the review, the program may continue in 2015 and future years, or it may be discontinued entirely.

#336

Marshfield Parking Coupon Book

Issued to: _____

Date issued: _____ / _____ / 20

Issued by: _____

Coupons to be issued to and used by business patrons only. They cannot be redeemed by owners or employees of the business.

Timed Parking Violation Coupon Book

Coupon #336

Marshfield Police Department

Business name: Please print _____ Initials: _____

Patron receiving coupon: Please print _____

Date of violation: _____ / _____ / 20

Please place this coupon inside original ticket envelop and deposit at the Marshfield Police Department within four business days* of original violation.

* Coupons submitted with ticket in excess of four business days following the original violation will not be accepted. Unused coupons have no value and refunds will not be given.

duplication or unauthorized use of parking violation coupons is prohibited and may constitute theft by fraud under 943.20

Downtown Parking Coupons

In working with the City and the Police Department regarding downtown parking issues, a new program is being offered on a trial basis through November 30, 2014. The intent on the program is to provide relief from the parking regulations in cases where a customer is in a business in excess of the maximum time allowed for on street parking and receives a ticket. A business owner will be able to purchase a coupon book from the Police Department. The booklet will contain 5 coupons that can be given to customers for use in voiding the ticket from the Police Department. Coupons are only intended for customers and should not be used by owners or employees. The cost will be \$25 for 5 coupons and a maximum of 3 booklets can be purchased. No refunds will be given for unused coupons. The coupon will not be accepted if an unpaid ticket was issued 4 or more business days after receiving the ticket.

Coupon books can be purchased at the Police Department starting June 1, 2014. This program is a trial basis and will be reviewed after November 30, 2014.



Downtown Parking Coupons

In working with the City and the Police Department regarding downtown parking issues, a new program is being offered on a trial basis through November 30, 2014. The intent on the program is to provide relief from the parking regulations in cases where a customer is in a business in excess of the maximum time allowed for on street parking and receives a ticket. A business owner will be able to purchase a coupon book from the Police Department. The booklet will contain 5 coupons that can be given to customers for use in voiding the ticket from the Police Department. Coupons are only intended for customers and should not be used by owners or employees. The cost will be \$25 for 5 coupons and a maximum of 3 booklets can be purchased. No refunds will be given for unused coupons. The coupon will not be accepted if an unpaid ticket was issued 4 or more business days after receiving the ticket.

Coupon books can be purchased at the Police Department starting June 1, 2014. This program is a trial basis and will be reviewed after November 30, 2014.



Downtown Parking Coupons

In working with the City and the Police Department regarding downtown parking issues, a new program is being offered on a trial basis through November 30, 2014. The intent on the program is to provide relief from the parking regulations in cases where a customer is in a business in excess of the maximum time allowed for on street parking and receives a ticket. A business owner will be able to purchase a coupon book from the Police Department. The booklet will contain 5 coupons that can be given to customers for use in voiding the ticket from the Police Department. Coupons are only intended for customers and should not be used by owners or employees. The cost will be \$25 for 5 coupons and a maximum of 3 booklets can be purchased. No refunds will be given for unused coupons. The coupon will not be accepted if an unpaid ticket was issued 4 or more business days after receiving the ticket.

Coupon books can be purchased at the Police Department starting June 1, 2014. This program is a trial basis and will be reviewed after November 30, 2014.



Downtown Parking Coupons

In working with the City and the Police Department regarding downtown parking issues, a new program is being offered on a trial basis through November 30, 2014. The intent on the program is to provide relief from the parking regulations in cases where a customer is in a business in excess of the maximum time allowed for on street parking and receives a ticket. A business owner will be able to purchase a coupon book from the Police Department. The booklet will contain 5 coupons that can be given to customers for use in voiding the ticket from the Police Department. Coupons are only intended for customers and should not be used by owners or employees. The cost will be \$25 for 5 coupons and a maximum of 3 booklets can be purchased. No refunds will be given for unused coupons. The coupon will not be accepted if an unpaid ticket was issued 4 or more business days after receiving the ticket.

Coupon books can be purchased at the Police Department starting June 1, 2014. This program is a trial basis and will be reviewed after November 30, 2014.





City of
Marshfield

Memorandum

TO: Board of Public Works
FROM: Tom Turchi, City Engineer
DATE: May 15, 2014
RE: Ingress and egress easement for access to Data Flow's Rear Lot.

BACKGROUND

During the reconstruction of South Chestnut Ave in 2013 the Engineering Division worked diligently to maximize the on street parking for the customers that utilize the businesses along this corridor.

ANALYSIS

During construction our office was made aware of an access (ingress and egress) easement between the insurance company, the podiatrist and Data Flow. By removal of the unused driveway aprons between these two buildings and another apron to the north the city gained three additional parking spaces on this side of the block.

To maintain the maximum number of parking spaces for the area businesses, I would propose the use of an existing drive isle on the north end of the municipal parking lot (Chicago) to allow ingress and egress access to the Data Flow property.

The attached drawing has the area for the easement displayed in red.

RECOMMENDATION

I recommend that the City of Marshfield grant the easement for ingress and egress as described by the easement document enclosed.

Respectfully submitted,

Thomas R. Turchi

Thomas Turchi

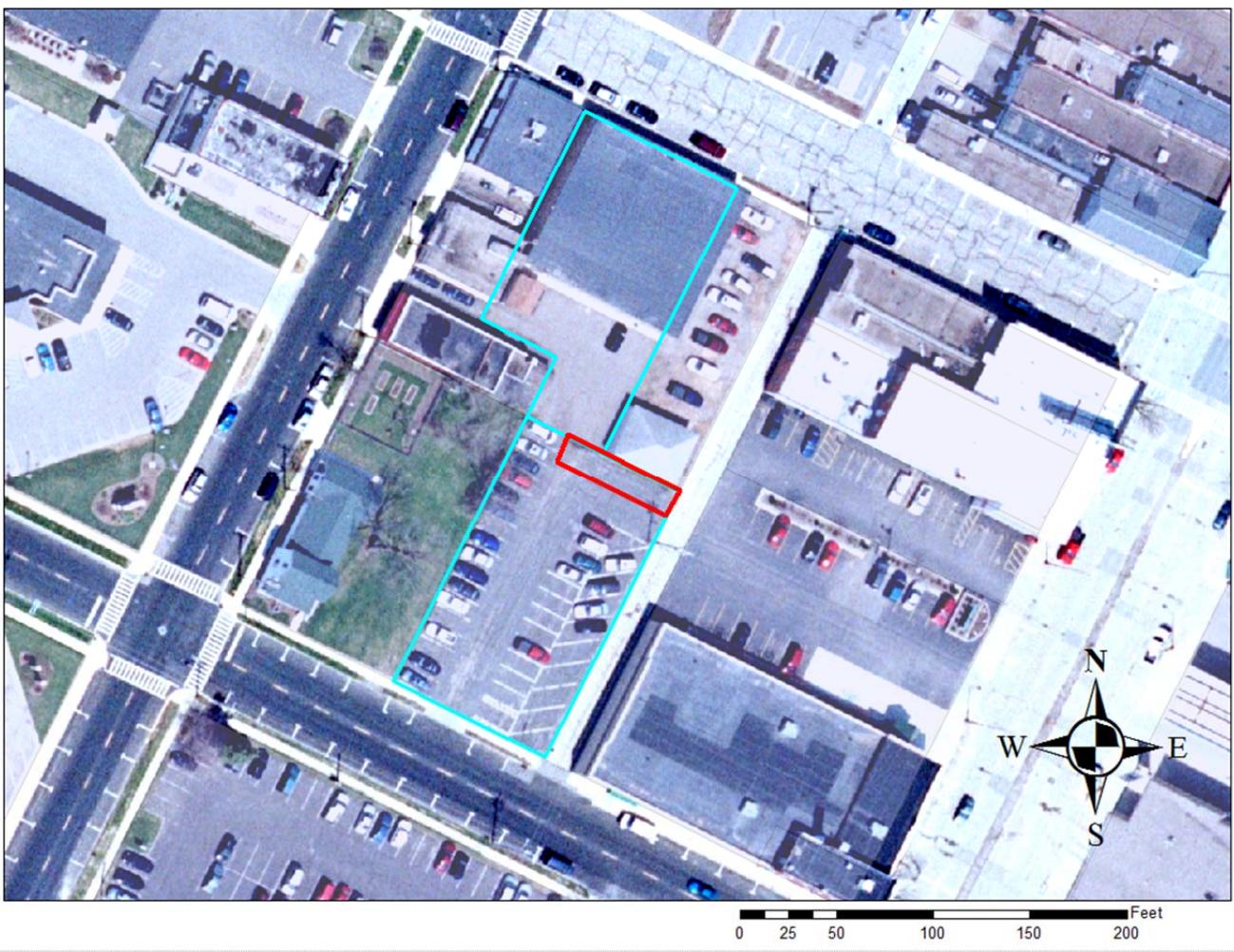
Concurrence:

Steve Barg

Steve Barg, City Administrator

Daniel G. Knoeck

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



Document Number

PERPETUAL EASEMENT
Document Title

KNOW ALL MEN BY THESE PRESENTS:

That in consideration of One Dollar (\$1.00) and other good and valuable consideration paid to **City of Marshfield** hereinafter referred to as **GRANTORS**, by **Fifth Street Rental Group**, hereinafter referred to as **GRANTEE**, the receipt of which is hereby acknowledged, the **GRANTORS** do hereby grant, bargain, sell, transfer, and convey unto the **GRANTEE**, its successor and assigns, a perpetual easement for the right of ingress and egress access across the land of the **GRANTORS** situate in **Wood** County, State of **Wisconsin**, said land being located in the **SW ¼ of NW ¼ of Section 8, Township 25 North, Range 3 East, City of Marshfield, Wood County, Wisconsin.**

The easement shall be described as follows: Commencing at the Southeast corner of Lot 12, Block 106, said point being on the North right of way line of West Sixth Street and the West right of way line of the alley, thence 154' North along the West right of way line of said alley to the Northwest corner of Lot 12, Block 106 to the Point of Beginning; thence West along the North line of Lots 12 & 13, Block 106 a distance of 66 feet; thence South parallel to the west line of Lot 13, Block 106 a distance of 12 feet; thence East parallel to the North line of Lots 12 & 13 of Block 106 a distance of 66 feet; thence North along the West line of Lot 12, Block 106 to the Point of Beginning. Said perpetual easement contains 792 square feet more or less.

Recording Area

Name and Return Address

**City of Marshfield
Attn: City Clerk
P. O. Box 727
Marshfield, WI 54449**

330-1240

Parcel Identification Number (PIN)

The **GRANTEE** covenants that in the event that lands of the **GRANTORS** are damaged by **GRANTEE'S** use of the easement, said lands shall be fully restored by the **GRANTEE**. The **GRANTEE** further covenants to use the easement in a manner such that no damage will result from its use to the adjacent land of the **GRANTORS**, their successors and assigns.

The grant and other provisions of this easement shall constitute a covenant running with the land for the benefit of the **GRANTEE**, its successors and assigns.

IN WITNESS WHEREOF, the **GRANTORS** have executed this instrument this ____ day of _____, 20 ____.

Drafted by: City of Marshfield
Engineering Division
P. O. Box 727
Marshfield, WI 54449-0727

CHRIS L. MEYER, MAYOR (SEAL)

DEB M. HALL, CITY CLERK (SEAL)

STATE OF WISCONSIN COUNTY OF _____

Personally came before me, this _____ day of _____, 20 ____ the above named **CHRIS L. MEYER AND DEB M. HALL** to me known to be the persons who executed the foregoing instrument and acknowledged the same.

Notary Public, _____ County, Wisconsin
My Commission Expires: _____