# AGENDA

# CITY OF MONONA PUBLIC WORKS COMMITTEE

## CITY HALL
## Wednesday, August 3, 2016
## 6:30 P.M.

1. Call To Order.

2. Roll Call.

3. Approval of Minutes from July 11, 2016.

4. Appearances.

5. Unfinished Business.
   A. Local road reconstruction design update and discussion.

6. New Business.
   A. Consideration of the proposed 2017 Capital Budget for the public works department.
   B. Review of the Industrial Drive sanitary sewer maintenance draft agreement with the City of Madison.

7. Public Works & Utility Operations Report.

8. Next Scheduled Meeting: Wednesday, September 7, 2016

9. Adjournment.

NOTE: Upon reasonable notice, the City of Monona will accommodate the needs of disabled individuals through auxiliary aids or services. For additional information or to request this service, contact Joan Andrusz at (608) 222-2525 (not a TDD telephone number), FAX (608) 222-9225, or through the City Police Department TDD telephone number 222-2535.
The public is notified that any final action taken at a previous meeting may be reconsidered pursuant to the City of Monona ordinances. A suspension of the rules may allow for final action to be taken on an item of New Business. It is possible that members of and a possible quorum of members of other governmental bodies of the municipality may be in attendance at the above stated meeting to gather information or speak about a subject, over which they have decision-making responsibility. 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.

**PUBLIC WORKS COMMITTEE**

Draft Minutes – July 11, 2016

The regular monthly meeting of the Public Works Committee for the City of Monona was called to order at 6:30pm by Alderman Speight.

Present: Alderman Speight, Mr. Stolper, Ms. Busse, Mr. Besch, Mr. Turino, Mr. Podell

Excused: Alderman Holmquist, Mr. McConnell

Also Present: Monona residents Vanyce Walker, Doug DeRosa, Paul & Leslie Johnson, Kate & Charles Reich, Jeanne Edmunds, Heather Gates, Kristie Schilling, and DPW Director Dan Stephany

APPROVAL OF MINUTES

A motion was made by Ms. Busse, and seconded by Mr. Turino to approve the Public Works Committee minutes of June 1, 2016, was carried.

APPEARANCES –

Douglas DeRosa of 4504 Gordon Avenue registered against the proposed parking changes, and appeared in front of the committee. Mr. DeRosa opposes the relocation of student parking back to Gordon because families and retirees in the neighborhood will have to deal with the problem. He strongly urges the city to move forward and not backward, and encourage the high school students to car pool, ride the bus, walk or bike to school. He is for bringing relief to residents of Wallace and Parkway, but not at the expense of Gordon residents.

Jeanne Edmunds of 4509 Gordon Avenue registered against the proposed parking changes, and appeared in front of the committee. Ms. Edmunds asked if the City had other property that could be converted to parking areas for the high school rather than City streets. She is tired of picking up trash left behind by students on Gordon, students are parking longer than the two hour time frame posted on the signs, and has witnessed drug deals occurring by the cars.

Vanyce Walker of 4511 Gordon Avenue registered against the proposed parking changes, and appeared in front of the committee. Ms. Walker agreed with Mr. DeRosa, that there is a lot of litter left behind.

Chuck Reich of 4411 Wallace Avenue registered in favor of the proposed parking changes, and appeared in front of the committee. Mr. Reich is in favor of the proposed changes. Student parking creates a problem for him because they park in front of his sidewalk leading to his house. Mr. Reich feels there is no safe access to his property if students are parking in front of his sidewalk. He would like to see a four foot buffer on each side of his sidewalk so he can get to his house, and he is asking for special consideration for his lot. For twenty four years they have lived on the lot and they are the only home that has one access to their house, which is the sidewalk. Students trespass across their lot on their way to school.

Heather Gates of 207 West Dean Avenue appeared in front of the committee. Ms. Gates stated that fifteen years ago students did not park in front of her house, and now there are more cars and students park all the way to Dean. People cannot see at the intersections because the students park all the way to intersections. The sight lines are blocked.

UNFINISHED BUSINESS –

5A: Discussion consideration of proposed parking restrictions for portions of Wallace Avenue, Gordon Avenue, Parkway Drive, Cold Spring Avenue, and Lofty Avenue: Director Stephany provided a quick summary of packet information. Letters were sent to residents on June 13th notifying them of the proposed parking changes, and the upcoming meetings for discussion. Comments from residents were also included in the packet.

Ms. Busse asked if staff has contacted the high school, asking if they could open the parking and if they needed to continue to charge students for parking, and to verify if the lot is always full. Director Stephany responded that after talking to parents, permits are handed out to seniors first, and that students do have to pay for the permit. The majority of school days the lot is full,

and that students are allowed to leave the school during the day, making it seem like the lot is not being fully used. Ms. Busse did state that there are more drivers now, and students may be driving more from Cottage Grove.

Mr. Besch mentioned the idea of carpooling and busing may not work because there are different times when students need to leave school due to activities and sports. The City needs to do everything they can to keep the school in Monona rather than the school being moved to Cottage Grove. Mr. Besch added that one of the main reasons the plan is being proposed is to help the City better provide services for snow plowing, leaf collection and brush collection. The plan being proposed will help solve that problem.

Alderman Speight asked Director Stephany how garbage collection will be affected with the new plan. Director Stephany stated that the current contract ends at the end of 2016. Language will be written in the RFP that will require the contractor to accommodate the proposed parking plan, if it is passed by committee and council. Director Stephany stated the problem with garbage collection is not the biggest problem. Completing leaf collection, brush collection and snow plowing are the biggest problems.

Mr. Turino stated that he is still against the proposed parking plan because it moves the problem from Wallace to Gordon. Mr. Turino suggests that parking be spread out evenly throughout the area by marking individual parking spaces on the street.

Mr. Podell commented that more enforcement is needed because the two hour parking restriction on Gordon is not working, and spreading the area for parking will make the parking less restrictive, opening up more area for parking. Mr. Podell does support trying the proposed plan.

> A motion was made by Ms. Busse, and seconded by Mr. Stolper to recommend approval of the proposed plan to Council was carried. Mr. Turino opposed.

5B: Local road reconstruction design update and discussion: Director Stephany explained the draft drawings that were included in the packet. At the direction of the committee at the last meeting, a meandering sidewalk plan was created to reduce the amount of trees that would need to be cut down. A draft plan that did not include sidewalks was also provided.

Mr. Turino asked of a tree analysis was completed to determine the health of the trees. A few of the trees look pretty rough, and some may not survive if sidewalks are constructed. Director Stephany stated that a review will be completed by the August meeting. Mr. Turino also asked that the sidewalk ramps, crosswalks, and alignment be reviewed because the draft plan does not seem complete.

Mr. Podell asked why the sidewalk meandered so much on the plan, being so far away from the right of way line. The committee responded that the meandering is due to the desire to save the trees. For the August meeting a color overlay of the trees will be provided once again to show trees that would be saved and trees that would be eliminated.

Mr. Stolper stated that he is not a fan of sidewalks, and is unaware of any incident in the area with accidents with children. Mr. Stolper is also not interested in cutting down trees to accommodate sidewalks, and with a meandering sidewalk, the City runs the risk of killing the trees. Sidewalks add more impervious surface, which the City is trying to reduce. Alderman Speight added that if sidewalks do not go in he would advocate for driveway aprons to have sidewalk panels installed for potential future installation. Mr. Podell mentioned that if the panels were added to the aprons they would need to account for an alignment that wouldn't impact trees.

For the public information meeting and the August 3rd meeting, the plan is to show the north arrow, the scale, street names, and the trees being eliminated should show the type of tree and be in color. The plan, in it's current form is very hard to read.

NEW BUSINESS

6A: Discussion of south Winnequah Road parking complaint: Director Stephany explained the information that was included in the packet. The Monona police chief and Alderman Holmquist have received many emails from Mr. Schachter regarding the parking on south Winnequah Road. Mr. Schachter provided photos of vehicles parking in the bike lane, which can impact bicyclists and pedestrians in this area. He is asking for parking to be eliminated for the south bound lane on Winnequah Road. Director Stephany added that even if the road is signed No Parking that contractors completing work in this area will still park on the road. The question raised is how will police enforce No Parking if the area is signed for No Parking.

Mr. Stolper stated that he rides in the area often and that bicyclists have as much right to be in the area as motorists do. Contractors have a right to park in the road when they complete their service. The road is what it is, and is not likely to get changed any time soon. Mr. Stolper says that he is not interested in restricting parking in this area, and perhaps more bicycle signs and markings be added.

Mr. Podell mentioned that he has seen more truck traffic in the area this summer as many homes are remodeling. He sees the problem going away by the end of summer. Mr. Podell feels that enforcement of the speed limit is needed for this area.

Mr. Stolper and the committee feels that no further action is needed on this topic.

NEXT SCHEDULED MEETING: Wednesday, August 3, 2016, Monona City Hall, at 6:30pm.

ADJOURNMENT

A motion was made by Ms. Busse and seconded by Mr. Besch to adjourn was carried (8:15 pm).

Daniel Stephany
Director of Public Works

DRAFT

| Rank | | TOTAL | GO BONDS | TIF | SEWER BONDS | OTHER REVENUES | STORM WATER RESERVES | WATER BONDS |
|---|---|---|---|---|---|---|---|---|
| | ***2017 PROJECTS*** | | | | | | | |
| 1 | Local Road Reconstruction | 3,000,000 | $ 1,250,000 | | $ 550,000 | | $ 275,000 | $ 925,000 |
| 2 | Road Reconstruction Administration Services | 219,000 | $ 92,000 | | $ 40,000 | | $ 20,000 | $ 67,000 |
| 3 | Street Maintenance | 300,000 | 300,000 | | $ - | | $ - | $ - |
| 4 | Winnequah Park PCB Engineering | 37,500 | 37,500 | | $ - | | $ - | $ - |
| 5 | City Hall Parking Lot Redesign & Reconstruction | 275,000 | $ 285,000 | | $ - | | $ - | $ - |
| 6 | Annual Sidewalk & Curb Repair | 8,000 | 8,000 | | $ - | | $ - | $ - |
| 7 | ROW Tree Replacement Program | 15,000 | 15,000 | | $ - | | $ - | $ - |
| 8 | Rapid Flash Beacon Lofty Crosswalk | 15,000 | 15,000 | | $ - | | $ - | $ - |
| 1 | Engineering, Generators for City Hall and Well 3 | 25,000 | $ 12,500 | | $ - | | $ - | $ 12,500 |
| 2 | Fire Hydrant Replacement Program, year 2 | 50,000 | $ - | | $ - | | $ - | 50,000 |
| 3 | Telemetry &SCADA Updates | 21,700 | | | | | | 21,700 |
| 4 | Well Replacement Doors | 10,000 | $ - | | $ - | | $ - | - |
| 1 | Industrial Drive Easement Sewer Rehab w/Madison | 227,500 | $ - | | $ 227,500 | | $ - | $ - |
| 2 | Annual Sewer System Repair | 25,000 | $ - | | 25,000 | | $ - | $ - |
| 3 | Lift Station Replacement Doors | 1,735 | $ - | | $ - | | $ - | - |
| 1 | Storm Basin study & Prelim Eng Reach 64 Maywood Park & Stone Bridge | 25,000 | $ - | | $ - | | - | $ - |
| 2 | Annual Storm System Repair | 30,000 | $ - | | $ - | | 30,000 | $ - |
| | Total | **4,285,435** | **2,015,000** | **-** | **842,500** | **-** | **325,000** | **1,076,200** |
| | ***2018 PROJECTS*** | | | | | | | |
| | Bridge Road Reconstruction | 1,500,000 | $ 1,055,000 | | | | $ 110,000 | $ 335,000 |
| | Bridge Road Reconstruction Administration Services | 72,000 | $ 50,000 | | | | $ 6,000 | $ 16,000 |
| | Bridge Maintenance & Repair | TBD | | | | | | |
| | Atwood Reconstruction - Madison | TBD | | | | | | |
| | Street Maintenance | 250,000 | $ 250,000 | | | | | |
| | Phase II, Broadway Street Light Pole Replacement & Installation | TBD | | | | | | |
| | Broadway Median Landscaping Plan | TBD | | | | | | |
| | Local Road Reconstruction Engineering | 260,000 | | | | | | |
| | Street Tree Survey Update | TBD | | | | | | |
| | Annual Sidewalk & Curb Repair | 8,000 | $ 8,000 | | | | | |
| | ROW Tree Replacement Program | 15,000 | 15,000 | - | - | - | - | - |
| | Winnequah Park PCB Final Engineering | 37,500 | | | | | | |
| | Winnequah Park PCB Dredging | TBD | | | | | | |
| | Engineering; water tower driveway, fence, safety rail | 25,000 | $ - | | $ - | | $ - | - |
| | Purchase and Install Generators at City Hall and Well 3 | 400,000 | $ 150,000 | | | | | $ 250,000 |
| | Fire Hydrant Replacement Program, year 3 | 50,000 | | | | | | $ 50,000 |
| | Telemetry & SCADA Updates, sewer and storm | TBD | | | | | | |
| | Annual Sewer System Repair | 25,000 | | | $ 25,000 | | | |
| | Sanitary Sewer I/I Study Phase 1 | 25,000 | | | 25,000 | | | |
| | Storm Basin Final Plans and Construction | 450,000 | | | | | | |
| | Annual Storm System Repair | 30,000 | | | | | $ 30,000 | |
| | Total | **3,147,500** | **1,528,000** | **-** | **50,000** | **-** | **146,000** | **651,000** |

**CITY OF MONONA**
**CAPITAL IMPROVEMENTS REQUEST FORM**

1. **Project Name:** Road Reconstruction

2. **Year Proposed:** 2017 **Rank:** 1

3. **Requested By:** Public Works Committee

4. **Prepared By:** Dan Stephany, Director of Public Works

5. **Project Description/Justification (briefly indicate the size, location, type of projects or purchases, and time schedule involved in implementation.)**

   Strand Associates is currently in the design phase for our 2017 Road Reconstruction project. Staff is requesting approval of funding for road reconstruction in 2017.

Roads to be reconstructed include:

Tonyawatha; Winnequah to Progressive, 2,376'
Schultz; Tonyawatha to Winnequah, 381'
Dean, Winnequah to Tonyawatha, 634'
Progressive, Tonyawatha to Winnequah, 264'
McKenna, Dean to Greenway, 1,267'
Total Length; 4,922'

6. **Total Project Cost:** $3,000,000
   GO Bonds - $1,250,000
   Sewer - $550,000
   Storm - $275,000
   Water – 925,000

**CITY OF MONONA**
**CAPITAL IMPROVEMENTS REQUEST FORM**

1. **Project Name:** Road Reconstruction Administration Services

2. **Year Proposed:** 2017 **Rank:** 2

3. **Requested By:** Public Works Committee

4. **Prepared By:** Dan Stephany, Director of Public Works

5. **Project Description/Justification (briefly indicate the size, location, type of projects or purchases, and time schedule involved in implementation.)**

   Strand Associates was approved in February 2016 to complete road reconstruction administration services for this project.

   Staff is requesting approval of funding for road reconstruction bidding, administration and observations services for the 2017 road reconstruction project.

6. **Total Project Cost:** $219,000

Roads to be reconstructed include:

Tonyawatha; Winnequah to Progressive, 2,376'
Schultz; Tonyawatha to Winnequah, 381'
Dean, Winnequah to Tonyawatha, 634'
Progressive, Tonyawatha to Winnequah, 264'
McKenna, Dean to Greenway, 1,267'
Total Length; 4,922'

**CITY OF MONONA**
**CAPITAL IMPROVEMENTS REQUEST FORM**

1. **Project Name:** Street Repair and Maintenance Program

2. **Year Proposed:** 2017 Rank: 3

3. **Requested By:** Public Works Committee

4. **Prepared By:** Dan Stephany, Director of Public Works

5. **Project Description/Justification (briefly indicate the size, location, type of projects or purchases, and time schedule involved in implementation.)**

   This program consists of street repairs and maintenance activities which include pavement replacement, patching, mill and overlays, and seal coating. The locations of these activities are determined on an annual basis in the fall of each year.

6. **Total Project Cost:** $300,000

**CITY OF MONONA**
**CAPITAL IMPROVEMENTS REQUEST FORM**

1. **Project Name:** Winnequah Park PCB Engineering

2. **Year Proposed:** 2017 **Rank:** 4

3. **Requested By:** Public Works Committee

4. **Prepared By:** Dan Stephany, Director of Public Works

5. **Project Description/Justification (briefly indicate the size, location, type of projects or purchases, and time schedule involved in implementation.)**

   Strand Associates continues to complete engineering for the City on this issue, and is working on behalf of the City with the Wisconsin DNR. Staff will submit an application for our second Lake Management Planning Grant in December 2016. Work planned for 2017 includes Phase I preliminary engineering to include surveying, preliminary drawings, and permit coordination.

   Staff will submit an application for a third Lake Management Planning Grant in December, 2017.

6. **Total Project Cost:** $37,500 ($25,000 planning grant application, $12,500 city funding)

## Winnequah Park Dredging Implementation Plan-North of Nichols Road

| Activity | Grant Funding | Local Funding | Actual or Anticipated Completion Date |
|---|---|---|---|
| Sediment sampling and limited dredging for installation of stormwater structure at Nichols Road | $0 | 2014 Storm water project | 2014 |
| Sediment sampling north and south of Nichols Road to investigate PCB contamination detected in the sediment | $0 | $7,700 | 2015 |
| Obtained a 2016 Large Scale Lake Management Planning Grant.<br>• Completed WDNR-required investigation of the extent of PCB contamination north of Nichols Road.<br>• Completed an initial dredging feasibility study, a stormwater treatment device assessment, and a shoreland erosion assessment.<br>• Submitted report of findings to the WDNR. | $25,000 | $12,313 | July 2016 |
| Submit 2017 Lake Management Planning Grant | | $3,500 | December 2016 |
| Design Phase 1-Begin Preliminary Engineering Including Surveying, Preliminary Drawings, and Permit Meeting with Regulatory Agencies | $25,000 | $12,313 | February 15, 2017 |
| Submit 2018 Lake Management Planning Grant | | $3,500 | December 10, 2017 |
| Design Phase 2-Begin Final Engineering Including Final Drawings, Specifications, Permitting, and Bidding Including the Following Milestones: | $25,000 | $12,313 | February 15, 2018 |
| Submit Required Permits | | | October 2018 |
| Public Information Meeting | | | November 2018 |
| Advertisement for Bids #1 | | | January 2019 |
| Advertisement for Bids #2 | | | January 2019 |
| Bid Opening | | | February 2019 |
| Construction: dredging, waste disposal, and streambank restoration.<br>• Remove all sediment with PCB concentrations > Probable Effect Concentration (PEC). This volume is approximately 200 cubic yards (CYs).<br>• Dredge remainder of lagoon to elevation 842.20 to allow 3 feet of water depth at the Lake Monona Summer Target Maximum (845.20) and allowing 2.5 feet of water depth at the Lake Monona Summer Target Minimum (844.70). This volume is approximately 800 cubic yards (CYs).<br>• Landfill disposal of dredged materials is assumed.<br>• Includes $100,000 for streambank restoration. | $0 | Construction: $475,000<br>Construction Admin/Observation: TBD-$50,000 Placeholder | July to November 2019 |

**CITY OF MONONA**
**CAPITAL IMPROVEMENTS REQUEST FORM**

1. **Project Name:** City Hall front lot redesign and reconstruction

2. **Year Proposed:** 2017 **Rank:** 5

3. **Requested By:** Public Works Committee

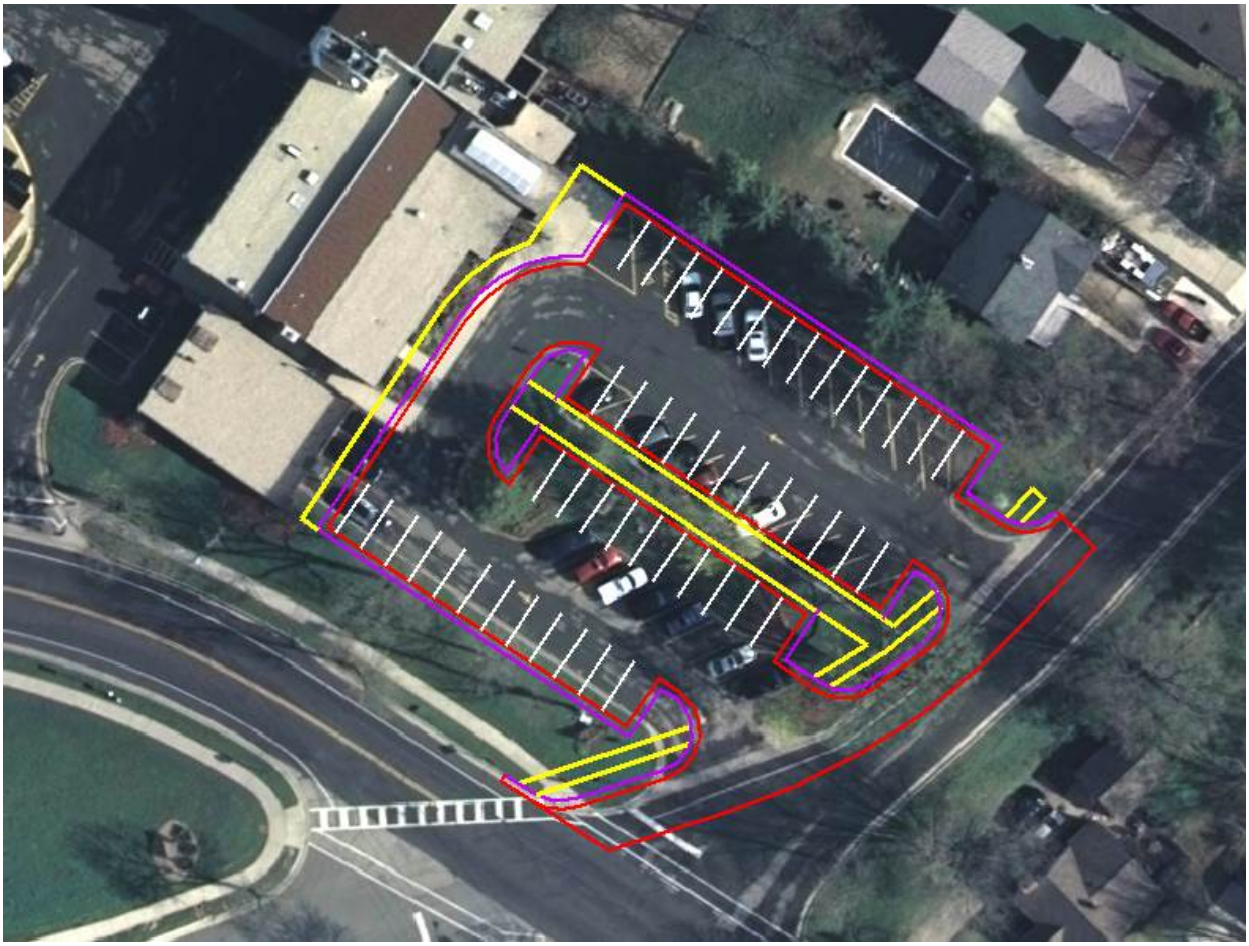
4. **Prepared By:** Dan Stephany, Director of Public Works

5. **Project Description/Justification (briefly indicate the size, location, type of projects or purchases, and time schedule involved in implementation.)**

   The City Hall front parking lot is undersized. City Hall staff and functions have increased over the past few years to the point where the parking lot can no longer hold the cars for patrons and staff doing business here. Often times there are cars parked on Schluter Road, in the drive through loop, and on the grass edge of the parking lot.

   Staff is requesting funding be approved to complete redesign and reconstruction of the front parking lot. Initial review indicates up to nineteen new spaces can be added to the lot. We currently have 30 spaces.

6. **Total Project Cost:** $275,000



**CITY OF MONONA**
**CAPITAL IMPROVEMENTS REQUEST FORM**

1. **Project Name:** Sidewalk Improvements Program

2. **Year Proposed:** 2017 Rank: 6

3. **Requested By:** Public Works Committee

4. **Prepared By:** Dan Stephany, Director of Public Works

5. **Project Description/Justification (briefly indicate the size, location, type of projects or purchases, and time schedule involved in implementation.)**

   This program consists of curb or sidewalk panel replacement, and grinding of sections of sidewalk that are cracked or have vertical displacement. The locations of these improvements are determined on an annual basis during the spring and early summer.

6. **Total Project Cost:** $8,000

**CITY OF MONONA**
**CAPITAL IMPROVEMENTS REQUEST FORM**

1. **Project Name:** ROW Tree Replacement Program

2. **Year Proposed:** 2017 Rank: 7

3. **Requested By:** Public Works Committee

4. **Prepared By:** Dan Stephany, Director of Public Works

5. **Project Description/Justification (briefly indicate the size, location, type of projects or purchases, and time schedule involved in implementation.)**

   This program consists of the removal and replacement of street right-of-way (ROW) trees due to old age, disease, or storm damage. This account will also replace City ash trees that are damaged by the emerald ash borer.

   We continue to expect an increase in the number of dead or diseased ash trees in 2017.

6. **Total Project Cost:** $15,000

**CITY OF MONONA**
**CAPITAL IMPROVEMENTS REQUEST FORM**

1. **Project Name:** Rapid Flash Crosswalk Beacon System

2. **Year Proposed:** 2017 **Rank:** 8

3. **Requested By:** Public Works Committee

4. **Prepared By:** Dan Stephany, Director of Public Works

5. **Project Description/Justification (briefly indicate the size, location, type of projects or purchases, and time schedule involved in implementation.)**

   The Monona Grove High School has made a request to the City to create a safer crossing for students at the Lofty Avenue crosswalk on Monona Drive. Currently, the crosswalk has median signs, and signs on both northbound and southbound curb lines. The cross walk was installed with Monona Drive phase 3 reconstruction in 2014.

   To make this crossing safer for students, staff is proposing the purchase and installation of a rapid flash beacon system.

6. **Total Project Cost:** $15,000

# TAPCO Rectangular Rapid Flashing Beacon Advantages

- TAPCO RRFB LED arrays are SAE J595 certified and FHWA compliant.
- TAPCO RRFB-XL's extra-large LED arrays exceed FHWA requirements.
- The state-of-the-art lens performs to the highest standards, with the best viewing angle and brightest LEDs on the market.
- TAPCO RRFB are compatible with all pedestrian activation devices, including wireless pushbuttons and infrared bollards.
- TAPCO's modular RRFB assemblies are designed to allow for component-level replacements, saving you time and money.
- TAPCO's own BlinkLink™ application allows you to monitor RRFBs and other ITS systems, with any device linked to the internet.
- TAPCO manufactures signage of the highest quality, and we carry all of the hardware to complement RRFB assemblies.

Document RRFB-XL_Advantages_sheet_120627 Reference 06120252

**City of Monona**
**CAPITAL IMPROVEMENTS REQUEST FORM**

1. **Project Name:** Back-Up Generator Engineering

2. **Year Proposed:** 2017 Rank: 1

3. **Requested By:** Public Works Committee

4. **Prepared By:** Dan Stephany, Director of Public Works

5. **Project Description/Justification (briefly indicate the size, location, type of projects or purchases, and time schedule involved in implementation.)**

   Staff is requesting funding to complete engineering for stand-by generators for City Hall and Well 3. The generator at City Hall (natural gas) would be large enough to provide power for all areas at City Hall, and to power the well pump and booster pump at the Well 1 pump house. The generator for Well 3 (diesel) would be large enough to provide power to operate the well pump and booster pumps.

   The generators will provide a back-up power supply with automatic switchover in the event of a power outage.

6. **Total Project Cost:** $25,000

**CITY OF MONONA**
**CAPITAL IMPROVEMENTS REQUEST FORM**

1. **Project Name:** Fire hydrant replacement program, new

2. **Year Proposed:** 2017 **Rank:** 3

3. **Requested By:** Public Works Committee

4. **Prepared By:** Dan Stephany, Director of Public Works

5. **Project Description/Justification (briefly indicate the size, location, type of projects or purchases, and time schedule involved in implementation.)**

   Year 2 of this program - We have approximately 60 hydrants in the water distribution system that needs major repair or replacement. If a hydrant to be replaced is located on a street being considered for future reconstruction, the new hydrant will be reused. The average cost to replace a hydrant, including labor, is approximately $7,000.

6. **Total Project Cost:** $50,000

**CITY OF MONONA**
**CAPITAL IMPROVEMENTS REQUEST FORM**

1. **Project Name:** Telemetry & SCADA Update

2. **Year Proposed:** 2017 **Rank:** 4

3. **Requested By:** Public Works Committee

4. **Prepared By:** Dan Stephany, Director of Public Works

5. **Project Description/Justification (briefly indicate the size, location, type of projects or purchases, and time schedule involved in implementation.)**

   Staff is requesting funding for water system telemetry and SCADA system updates. Work includes wiring and receptacle for master controller for use under back up power, programming to incorporate backup pressure control from pressure transmitters, updating the pressure transmitter at the water tower, install new pressure transmitter at Well 3 that will be used for system monitoring and backup pump control, and programming for backup pump control.

   The work being completed is additions and improvements to the 2012 update.

6. **Total Project Cost:** $21,700

**CITY OF MONONA**
**CAPITAL IMPROVEMENTS REQUEST FORM**

1. **Project Name:** Replacement Doors – Well Pump Houses and Lift Stations

2. **Year Proposed:** 2017 Rank: 5 – water; 3 – sewer

3. **Requested By:** Public Works Committee

4. **Prepared By:** Dan Stephany, Director of Public Works

5. **Project Description/Justification (briefly indicate the size, location, type of projects or purchases, and time schedule involved in implementation.)**

   This project consists of purchasing and installing replacement doors for the following locations:

   Midmoor Lift Station pump house - $1,735
   Well 1, rear door - $1,066
   Well 2, double entry door - $2,545
   Well 3, double material access door - $2,235
   Well 3, main entry door - $1,475
   Well 3, chemical room door - $1,460
   Well 3, west pump house material door - $1,200

   All doors would be purchased and installed by public works staff. All doors are believed to be original doors.

6. **Total Project Cost:** $11,735 ($10,000 water, $1,735 sewer)

**CITY OF MONONA**
**CAPITAL IMPROVEMENTS REQUEST FORM**

1. **Project Name:** Industrial Drive Shared Sewer Rehabilitation

2. **Year Proposed:** 2017 Rank: 1

3. **Requested By:** Public Works Committee

4. **Prepared By:** Dan Stephany, Director of Public Works

5. **Project Description/Justification (briefly indicate the size, location, type of projects or purchases, and time schedule involved in implementation.)**

   The Industrial Drive shared sewer rehabilitation project will be a joint project between the City of Monona and the City of Madison. The City of Madison will be completing the rehabilitation of this sewer in the fall of 2016 or winter of 2017. The funding requested by staff is the City's cost for participating in the rehabilitation project.

   The section of sewer main being rehabilitated is at the west end of Industrial Drive, which then runs south to the MMSD treatment plant.

6. **Total Project Cost:** $227,500

# Exhibit 1:

Shared Sanitary Sewer Serving the Industrial Drive Area in Madison and Monona

Madison Sewer
Monona Sewer
Shared Sewer
Sanitary Structures
MMSD Mains
City of Madison Parcels

N

0 80 160 320 Feet

**CITY OF MONONA**
**CAPITAL IMPROVEMENTS REQUEST FORM**

1. **Project Name:** Annual Sewer Main and Manhole Lining and Repair Program

2. **Year Proposed:** 2017 Rank: 2

3. **Requested By:** Public Works Committee

4. **Prepared By:** Dan Stephany, Director of Public Works

5. **Project Description/Justification (briefly indicate the size, location, type of projects or purchases, and time schedule involved in implementation.)**

   The sanitary sewer collection system is very old and is showing the need for repair throughout the system. Lining the sewer main and manholes is a cost effective alternative to the more expensive option of replacement. This program will address lining areas of sewer main and manholes that are deteriorating, however, not to the point of needing to be replaced. The program will also cover other manhole expenses such as replacement and adjusting riser rings in conjunction with the annual road repair program. Streets that are part of the annual maintenance program will receive attention first. Sewer main and man holes will be addressed based on need thereafter.

6. **Total Project Cost:** $25,000

**CITY OF MONONA**
**CAPITAL IMPROVEMENTS REQUEST FORM**

1. **Project Name:** Storm Basin 64 Study & Preliminary Engineering

2. **Year Proposed:** 2017 Rank: 1

3. **Requested By:** Public Works Committee

4. **Prepared By:** Dan Stephany, Director of Public Works

5. **Project Description/Justification (briefly indicate the size, location, type of projects or purchases, and time schedule involved in implementation.)**

   This project consists of reviewing Rock River Basin Reach 64 in the City of Monona, and preliminary engineering for storm water infrastructure that will help the City meet it's MS4 Storm Water Permit requirements. MS4 Permit requirements for TSS are 40% removal, and 25% removal for Total Phosphorus. Currently, we are removing just over 25% of solids, and 16% of phosphorus.

6. **Total Project Cost:** $25,000

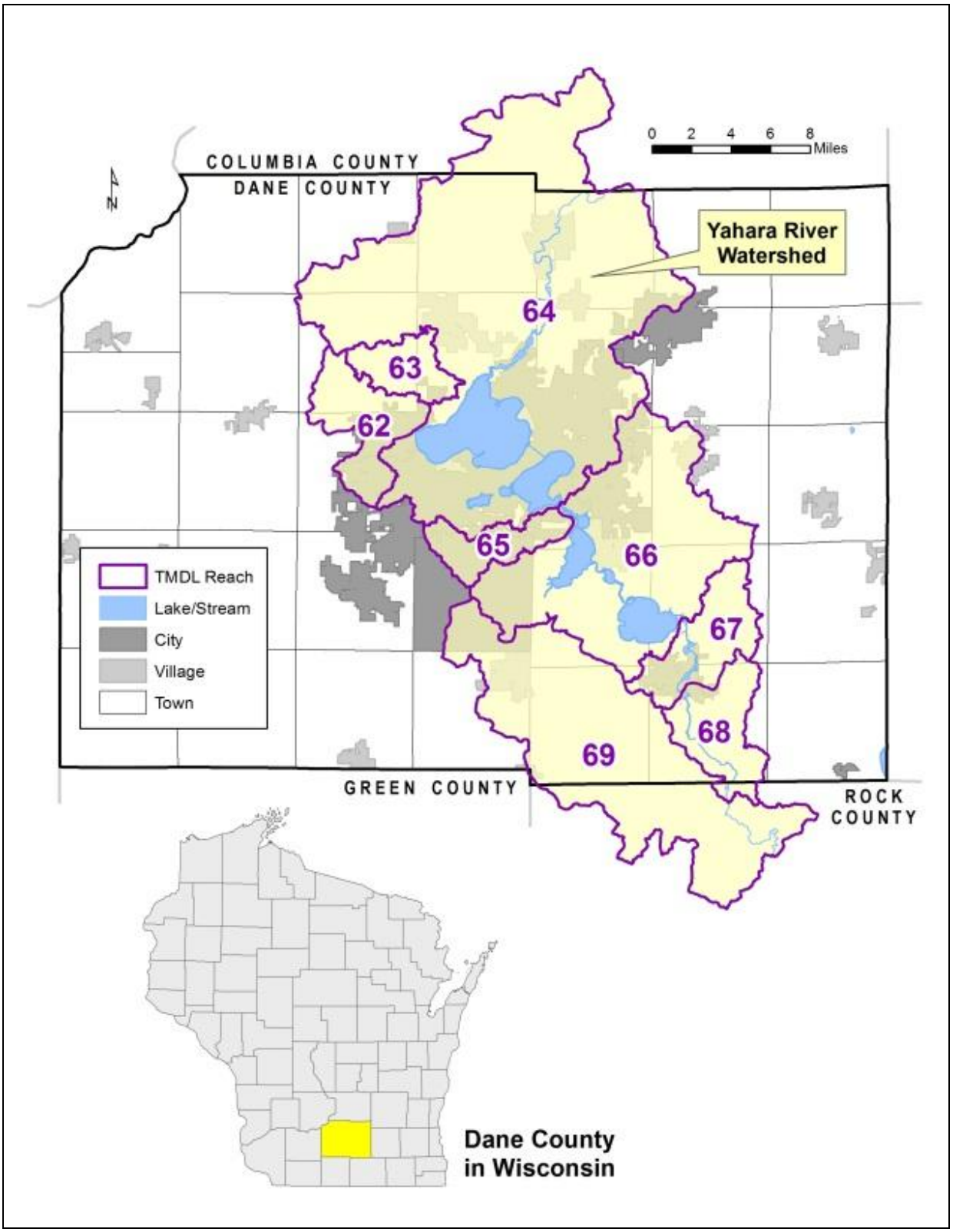



Figure 2: Location of Yahara River Watershed broken into TMDL stream reaches 62-69.

**CITY OF MONONA**
**CAPITAL IMPROVEMENTS REQUEST FORM**

1. **Project Name:** General Storm Sewer Repair

2. **Year Proposed:** 2017 Rank: 2

3. **Requested By:** Public Works Committee

4. **Prepared By:** Dan Stephany, Director of Public Works

5. **Project Description/Justification (briefly indicate the size, location, type of projects or purchases, and time schedule involved in implementation.)**

   This program consists of the lining, repair and/or replacement of corrugated metal pipe (CPM) and catch basins within the City's storm sewer system. The pipes and basins are very old and in a deteriorated condition.

6. **Total Project Cost:** $30,000

| Rank | 2017 Equipment | TOTAL | GO BONDS | TIF | SEWER BONDS | OTHER REVENUES | STORM WATER RESERVES | WATER BONDS |
|---|---|---|---|---|---|---|---|---|
| | | - | $ - | $ - | $ - | $ - | $ - | $ - |
| 1 | Ventrac Compact Tractor, Toro replacement | 37,000 | $ 37,000 | | | | | |
| 2 | Power Washer, replacement | 9,000 | $ 2,250 | | $ 2,250 | | $ 2,250 | $ 2,250 |
| 3 | Holiday decoration replacement - Broadway | 15,000 | $ 15,000 | | | | | |
| 1 | F350 Cab Chassis w/Utility Box Upfit | 46,500 | | | $ 15,500 | | $ 15,500 | $ 15,500 |
| 2 | Water Pipe Locator, replacement | 3,500 | | | | | | $ 3,500 |
| 1 | Vac All, Used | 155,000 | | | | | $ 155,000 | |
| | Total | **266,000** | **54,250** | **-** | **17,750** | **-** | **172,750** | **21,250** |
| | **2018 Equipment** | | | | | | | |
| | | - | $ - | $ - | $ - | $ - | $ - | $ - |
| | Front end loader with plow | 115,000 | $ 28,750 | | $ 28,750 | | $ 28,750 | $ 28,750 |
| | Street Sweeper | 230,000 | | | | | $ 230,000 | |
| | F 250 Pickup truck w/plow, streets | 36,000 | $ 36,000 | | | | | |
| | F 150 Pickup, facility maintenance | 23,000 | $ 23,000 | | | | | |
| | Ice Machine, replacement | 3,000 | $ 750 | | $ 750 | | $ 750 | $ 750 |
| | One man post pounder, new | 3,300 | $ 3,300 | | | | | |
| | Water Meter Software & Infrastructure Upgrade | 50,000 | | | | | | $50,000 |
| | Total | **404,000** | **142,000** | **-** | **46,500** | **-** | **431,500** | **50,000** |

**CITY OF MONONA**
**CAPITAL IMPROVEMENTS REQUEST FORM**

1. **Project Name:** Ventrac Compact Tractor, Toro Replacement

2. **Year Proposed:** 2017 Rank: 1

3. **Requested By:** Public Works Committee

4. **Prepared By:** Dan Stephany, Director of Public Works

5. **Project Description/Justification (briefly indicate the size, location, type of projects or purchases, and time schedule involved in implementation.)**

   This purchase replaces the 1994 Toro 345 snow blower tractor. The Toro is used throughout the winter to clear public sidewalks the City is responsible for, and sidewalks at various City facilities. It has also been used to clear the Winnequah Park ice for ice skating. The replacement machine needs to be less than 54" wide to accommodate the block wall barriers on the Yahara Bridge. The Ventrac meets the width requirements. The price includes the compact tractor, cab enclosure, snow blower, power broom, and rear spreader.

   The Toro 345 has a Point System Rating of 41, a rating of "Needs Immediate Replacement," showing typical wear and tear for a piece of equipment of this age and use.

6. **Total Project Cost:** $37,000

3400Y

**General Vehicle/Equipment Information**

| | | | |
|---|---|---|---|
| VIN# | 3078930495 | Engine | 4 cylinder gas |
| DPW ID# | 65 | Transmission | hydrostatic |
| Model Year | 1994 | Drive Train | hydrostatic |
| Make | Toro | | |
| Model | 345 | | |
| Purchase Price | | | |

| Point System Rating | | |
|---|---|---|
| | Data | Points |
| Age | 23 | 22 |
| Miles / | | |
| Hours | 2327 | 7 |
| Type of Service | mower and snowblower | 3 |
| Condition (Int. & Ext.) | fair, rust and faded paint | 3 |
| Est. Repair & | | |
| Maintenance Cost | | 3 |
| Reliability | | 3 |
| Point Total | | 41 |

**Vehicle/Equipment Summary:**

The Toro has been around many years and needs attention each year. This unit has been submerged twice in the Winnequah Park ice skating lagoon, and it does have electrical problems. This unit has also been modified from it's original model, and was initially used for mowing. When it became too old for mowing it was then used to clear sidewalks throughout the City. The axles and blower attachment have been modified to fit in the 54" sidewalk on the Yahara Bridge.

(summarize vehicle history, down time, new issues, overall condition, etc…)

**CITY OF MONONA**
**CAPITAL IMPROVEMENTS REQUEST FORM**

1. **Project Name:** Shop Power Washer Replacement

2. **Year Proposed:** 2017 Rank: 2

3. **Requested By:** Public Works Committee

4. **Prepared By:** Dan Stephany, Director of Public Works

5. **Project Description/Justification (briefly indicate the size, location, type of projects or purchases, and time schedule involved in implementation.)**

   Staff is seeking replacement of the current 2008 Largo Hot Water Pressure Washer. This piece of equipment is used to clean the exterior of all public works, parks and police department fleet.

   The Largo power washer has a Point System Rating of 24, which Qualifies for Replacement

   Expected trade in value $2,100

6. **Total Project Cost:** $9,000

**3000 PSI**

**4.0 GPM**

**General Vehicle/Equipment Information**

| | | | |
|---|---|---|---|
| VIN# | 289433 | Engine | Electric Motor |
| DPW ID# | | Transmission | |
| Model Year | 2008 | Drive Train | |
| Make | Largo | | |
| Model | 6400 SS | | |
| Purchase Price | $5,000 | | |

| Point System Rating | | |
|---|---|---|
| | Data | Points |
| Age | 9 years | 9 |
| Miles / | | |
| Hours | 444 | 1 |
| Type of Service | power washer - weekly | 3 |
| Condition (Int. & Ext.) | | 3 |
| Est. Repair & | | |
| Maintenance Cost | | 5 |
| Reliability | | 3 |
| Point Total | | 24 |

**Vehicle/Equipment Summary:**

The Largo power washer is not dependable, and it breaks down often. There have been multiple companies that have serviced this piece of equipment without much success. The maintenance expense has easily exceeded the purchase price.

(summarize vehicle history, down time, new issues, overall condition, etc…)

**CITY OF MONONA**
**CAPITAL IMPROVEMENTS REQUEST FORM**

1. **Project Name:** Holiday Decoration Replacement, phase 2

2. **Year Proposed:** 2017 Rank: 3

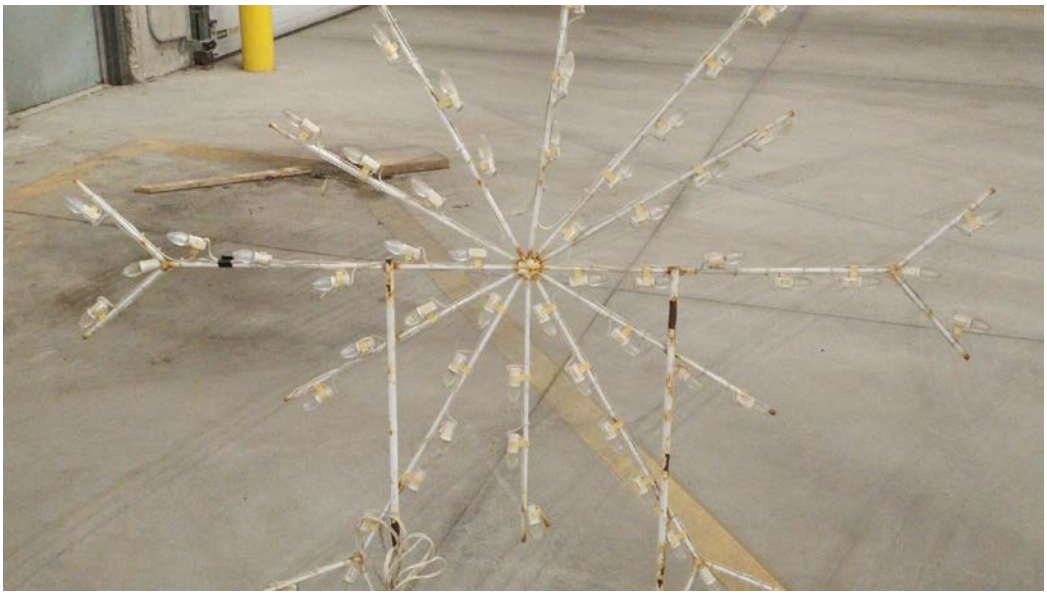
3. **Requested By:** Public Works Committee

4. **Prepared By:** Dan Stephany, Director of Public Works

5. **Project Description/Justification (briefly indicate the size, location, type of projects or purchases, and time schedule involved in implementation.)**

   Staff purchased 30 snowflake lights in 2016 for Monona Drive. Staff is requesting funding to purchase 30 more lights to replace the old snow flake lights on Broadway Avenue.

6. **Total Project Cost:** $15,000



**CITY OF MONONA**
**CAPITAL IMPROVEMENTS REQUEST FORM**

1. **Project Name:** Purchase F350 cab chassis with utility box body

2. **Year Proposed:** 2017 Rank: 2

3. **Requested By:** Public Works Committee

4. **Prepared By:** Dan Stephany, Director of Public Works

5. **Project Description/Justification (briefly indicate the size, location, type of projects or purchases, and time schedule involved in implementation.)**

   The truck being replaced is a 2005 Chevrolet 2500 pickup truck, which is used daily for utility operations.

   The vehicle replacing this truck will be an F350/3500 version cab/chassis, which is large enough to adequately tow the valve maintenance trailer with a full debris tank. The new truck will have a utility box similar to the picture below.

   The DPW mechanic has completed the point rating evaluation and summary comments for this vehicle. This vehicle has a Point System Rating of 27, which Qualifies for Replacement.

6. **Total Project Cost:** $46,500 (utility box; $12,300, cab/chassis; $34,200)

CHEVROLET
4X4

**General Vehicle/Equipment Information**

| | | | |
|---|---|---|---|
| VIN# | 1gchk24u95e261160 | Engine | 6.0 gas |
| DPW ID# | 23 | Transmission | auto |
| Model Year | 2005 | Drive Train | auto |
| Make | Chevrolet | | |
| Model | 2500 HD Pickup | | |
| Purchase Price | | | |

| Point System Rating | | |
|---|---|---|
| | Data | Points |
| Age | | 12 |
| Miles / | 45502 | 5 |
| Hours | | |
| Type of Service | medium duty | 3 |
| Condition (Int. & Ext.) | fair to poor | 3 |
| Est. Repair & | | 1 |
| Maintenance Cost | | |
| Reliability | | 3 |
| Point Total | | 27 |

**Vehicle/Equipment Summary:**

The passenger side box has been damaged with a large dent, and has significant rusting on the rear bumper. The passenger side door also has some damage, and the driver side seat is heavily worn out. Work coming due in late 2016/early 2017 includes front bearings, alternator, starter, radiator, and other smaller maintenance items.

(summarize vehicle history, down time, new issues, overall condition, etc…)

**CITY OF MONONA**
**CAPITAL IMPROVEMENTS REQUEST FORM**

1. **Project Name:** VM 810 Water Pipe Locator, replacement

2. **Year Proposed:** 2017 Rank: 3

3. **Requested By:** Public Works Committee

4. **Prepared By:** Dan Stephany, Director of Public Works

5. **Project Description/Justification (briefly indicate the size, location, type of projects or purchases, and time schedule involved in implementation.)**

   Staff currently uses two 1996 Metrotech 810's. Replacement parts for the two models we have are now obsolete, and are difficult to find. The VM 810 is the newest version offered by Metrotech.

6. **Total Project Cost:** $3,500

**CITY OF MONONA**
**CAPITAL IMPROVEMENTS REQUEST FORM**

1. **Project Name:** Vac All Replacement, catch basin cleaning truck – Used Truck Purchase

2. **Year Proposed:** 2017 Rank: 1

3. **Requested By:** Public Works Committee

4. **Prepared By:** Dan Stephany, Director of Public Works

5. **Project Description/Justification (briefly indicate the size, location, type of projects or purchases, and time schedule involved in implementation.)**

   The truck being replaced is a 1989 International with a Vac All body. The Vac All is used in the storm water utility for catch basin cleaning and storm box cleaning.

   Staff intends to purchase a <u>used</u> catch basin cleaning truck due to the cost of a new truck estimated to be around $280,000. The purchase would be similar to the picture below.

   The Vac All has an equipment Points System Rating of 46, which qualifies for Immediate Replacement.

6. **Total Project Cost:** $155,000

VAC-ALL
By Leach
35103

VACTOR
2100

**General Vehicle/Equipment Information**

| | | | |
|---|---|---|---|
| VIN# | 1htshz3r6lh253199 | Engine | 466 diesel |
| DPW ID# | 34 | Transmission | auto |
| Model Year | 1989 | Drive Train | auto |
| Make | International | | |
| Model | 4900 Vac All | | |
| Purchase Price | | | |

| Point System Rating | | |
|---|---|---|
| | Data | Points |
| Age | | 28 |
| Miles / | 49899 | |
| Hours | 6296 | 8 |
| Type of Service | severe duty | 5 |
| Condition (Int. & Ext.) | fair to poor | 3 |
| Est. Repair & | | 1 |
| Maintenance Cost | | |
| Reliability | | 1 |
| Point Total | | 46 |

**Vehicle/Equipment Summary:**

The truck has been around a long time and has worked well. The screens in the box need to be replaced, which is fairly expensive. The truck has significant areas of rust. Upcoming work includes suction fan and bearings, new tires, brakes, radiator, alternator, hoses, and starter.

(summarize vehicle history, down time, new issues, overall condition, etc…)

**INTERGOVERNMENTAL AGREEMENT RELATING TO A SHARED SANITARY SEWER SERVING THE INDUSTRIAL DRIVE AREA IN MADISON & MONONA**

Between the City of Madison, the City of Monona and the Madison Metropolitan Sewerage District

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THIS AGREEMENT, entered into by and between the City of Madison, a municipal corporation (hereinafter referred to as "Madison"); the City of Monona, a municipal corporation (hereinafter referred to as "Monona"); and the Madison Metropolitan Sewerage District, a metropolitan sewerage district (hereinafter referred to as "MMSD") is effective as of the date by which the three parties have signed hereunder.

WITNESSETH:

WHEREAS, section 66.0301, Wisconsin Statutes, authorizes Madison, Monona and MMSD (the "Parties") to contract for the joint exercise of their powers and duties, and sharing of expenses arising therefrom; and,

WHEREAS, MMSD alerted Madison and Monona to an existing shared sewer that is in poor condition and in need of repair, with said sewer serving both Madison and Monona from a point on Industrial Drive to the MMSD sewer Interceptor approximately 1,375 feet to the South as depicted on Exhibit 1 (the "Facilities"); and,

WHEREAS, neither Madison nor Monona were assuming ownership of the Facilities or maintaining it; and,

WHEREAS, regardless of ownership or original responsibility, it is clear that both Madison and Monona are reliant on the Facilities to serve properties in their respective municipalities; and,

WHEREAS, given that the Facilities are shared by 2 separate municipal customers of MMSD, it is logical that MMSD become the responsible owner of the Facilities; and,

WHEREAS, MMSD is agreeable to accepting ownership and future maintenance of the Facilities provided the Facilities are repaired to a "like new" condition by Madison and Monona, prior to transfer to MMSD; and,

WHEREAS, Madison and Monona are agreeable to the repair of the Facilities with costs apportioned as described in this agreement, with no cost apportioned to MMSD.

NOW, THEREFORE, in consideration of the mutual covenants contained herein and other good and valuable consideration, the receipt and sufficiency of which are hereby mutually acknowledged, the Parties agree as follows:

1. Purpose. The purpose of this "Intergovernmental Agreement Relating to a Shared Sanitary Sewer serving the Industrial Drive Area in Madison and Monona" (the "Agreement") is to set forth the conditions upon which Madison and Monona will

agree to share in the repair cost of the Facilities define the conditions upon which MMSD will accept ownership of the Facilities once the repair work has been completed to the satisfaction of MMSD, with Madison acting as the lead entity for the repair project, working closely with Monona and MMSD, and then billing of proportionate costs to Monona.

2. Past, Present and Future Use of the Facilities. Monona has used the Facilities since approximately 1958. Madison began using the sewer in approximately 1989. Based on past, present and future use of this sewer, the benefit apportionment is approximately 70% Monona and 30% Madison.

3. Ownership. The Parties acknowledge that both Madison and Monona shall quit claim any and all ownership rights associated with the Facilities, including easements, to MMSD upon successful completion of the sewer repair work. MMSD agrees to accept ownership of the Facilities once the repair work has been completed to their satisfaction as set forth in Section 5 below.

4. Facilities Repair. Madison shall assume the lead for design, permitting and contracting the needed repair work for the Facilities. Madison shall bid the work as a Public Works Project in accordance with Madison practices. Madison shall provide an opportunity for Monona and MMSD to provide input into the design and construction documents. MMSD may also elect to participate in the construction meetings and / or inspection.

5. Acceptance of Repairs by MMSD. Following Madison's completion of construction of the repair work, Madison shall notify MMSD and provide MMSD with all relevant data regarding the repairs and the Facilities, including the plans and specifications. MMSD shall have thirty (30) days to inspect the improvements to ensure that all applicable standards have been met in the construction thereof. Upon inspection and confirmation that the repairs were made according to the plans and specifications of the project, the Chief Engineer shall accept the improvements on behalf of MMSD, at which point MMSD shall assume full ownership and all liability associated with operation of these facilities.

6. Apportionment of Repair Costs and Billing. Madison shall finance the work and bill Monona their share based upon benefit apportionment set forth in Section 2 above. All work invoiced and billed by Madison shall be documented and billed on a quarterly basis. Monona shall have thirty (30) days to make payment to Madison. Monona shall budget for their portion of the costs in 2017 and Madison shall do no billings in 2016 if work is able to start that soon. Monona shall pay 70% of the total project costs which shall include the following: construction costs; engineering, design or related professional costs; survey and inspection costs, and any other miscellaneous costs related to the project. Total project costs are estimated to be **$325,000** with the Monona share estimated at **$227,500** and the Madison share estimated at **$97,500**. These amounts cannot be exceeded without written, mutual consent of Madison and Monona.

DRAFT

7. Service Connections and Sewer Billing. It is understood and agreed that Monona and Madison will retain as sewer customers all properties within their respective jurisdiction, that drain to the Facilities, with the following 2 exceptions: 1) The Madison property located at 2800 / 2811 Industrial Drive in Madison, shall remain a customer of Monona; 2) The Monona properties at 2800 / 2850 Royal Avenue shall remain a customer of Madison. MMSD shall configure their monitoring and measurement of sewerage flow to allocate billing volume for sewerage to the appropriate Municipality.

8. Liability. Each Party shall be responsible for its own acts, errors or omissions and for the acts, errors or omissions of its employees, officers, officials, agents, boards, committees and commissions, and shall be responsible for any losses, claims, and liabilities that are attributable to such acts, errors, or omissions including providing its own defense, arising out of this Agreement or the completion of the Project. In situations involving joint liability, each Party shall only be responsible for such losses, claims, and liabilities that are attributable to its own acts, errors, or omissions and the acts, errors or omissions of its employees, officers, officials, agents, boards, committees and commissions. It is not the intent of either Party to waive, limit or otherwise modify the protections and limitations of liability found in Wis. Stat. §893.80 or any other protections available to the Parties by law or by insurance coverage, and both Parties hereby preserve any and all said rights to the full extent of the law. This paragraph shall survive the termination or expiration of this Agreement.

9. Nondiscrimination. In the performance of the services under this Agreement, the Parties agree not to discriminate against any employee or applicant for employment because of race, religion, marital status, age, color, sex, handicap, national origin or ancestry, income level or source of income, arrest record or conviction record, less than honorable discharge, physical appearance, sexual orientation, gender identity, political beliefs or student status. The Parties further agrees not to discriminate against any subcontractor or person who offers to subcontract on this Agreement because of race, religion, color, age, disability, sex, sexual orientation, gender identity or national origin.

10. Notice. Any notice or offer or demand required to be sent hereunder shall be sent by United States mail at the Parties' respective addresses set forth below. Each notice shall be deemed to have been received on the date of postmark, if sent by certified mail, postage prepaid, addressed to:

| Name | Address |
|---|---|
| City of Madison | City Engineer<br>210 MLK Jr. Blvd., Room 115<br>Madison, WI 53703 |
| City of Monona | Director of Public Works<br>5211 Schluter Road<br>Monona, WI 53716 |

DRAFT

| | |
|---|---|
| Madison Metropolitan Sewerage District | Chief Engineer & Director<br>1610 Moorland Rd.<br>Madison, WI 53713 |

11. Construction. The Parties acknowledge that this Agreement is the product of negotiations between the Parties and that, prior to the execution hereof, each Party has had full and adequate opportunity to have this Agreement reviewed by, and to obtain the advice of, its own legal counsel with respect hereto. Nothing in this Agreement shall be construed more strictly for or against, any Party because that Party's attorney drafted this Agreement or any part hereof.

12. Law. This Agreement shall be governed by, construed, interpreted, and enforced in accordance with the laws of the State of Wisconsin.

13. Miscellaneous.

    a. This Agreement may be executed in one or more counterparts, each or which shall be deemed an original, and all of which taken together shall constitute one and the same Agreement.

    b. All addenda and exhibits attached to this Agreement shall be considered part of this Agreement and the terms and conditions in such addenda and exhibits shall be binding upon all parties.

    c. This Agreement is intended to benefit the parties hereto and their respective officials and shall not be construed to create any right or benefit on behalf of any person, firm, corporation or other entity not a party hereto.

    d. Each person executing this Agreement represents and warrants that he or she is duly authorized to so act and execute this Agreement as represented below.

DRAFT

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be executed by their proper officers on the day and year first above written.

FOR THE CITY OF MONONA

| | |
|---|---|
| Bob Miller, Mayor | Date |
| Joan Andrusz, City Clerk | Date |

FOR MMSD

| | |
|---|---|
| D. Michael Mucha, Chief Engineer & Director | Date |
| Angela James, Commissioner / Secretary | Date |

DRAFT

FOR THE CITY OF MADISON

| | |
|---|---|
| _____ | _____ |
| Paul Soglin, Mayor | Date |
| _____ | _____ |
| Maribeth Witzel-Behl, City Clerk | Date |

Countersigned:

Approved as to form:

| | |
|---|---|
| _____ | _____ |
| David P. Schmiedicke, Finance Director | Date |
| _____ | _____ |
| Michael P. May, City Attorney | Date |

Execution of this Agreement by the City of Madison is authorized by Resolution Enactment No. RES-16-_____, ID No. _____, adopted by the Common Council of the City of Madison on _____.

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**EXHIBIT 1**

Map of Sanitary Sewer Serving the Industrial Drive Area
In Madison and Monona (the "Facilities")

# MONTHLY DEPARTMENT HEAD REPORT TO COUNCIL

**DEPARTMENT:** Public Works & Utilities **MONTH OF:** July 2016

**Accomplishments:**

- Crews assisted with the Fourth of July Festival, setup and cleanup.
- Crews repaired the storm sewer in Frost Woods Beach Park.
- Crews completed inlet cleaning throughout the City.
- Crews have started the annual pavement marking throughout the City.
- Crews completed storm cleanup throughout the City.
- Our contractor has completed storm damage chipping in two of the four brush chipping areas. Storm damage chipping is expected to be done by August 5th.
- Crews completed tree trimming at various locations throughout the City.
- Staff has started another round of street sweeping.

**Major Projects / Issues:**

- City Hall staff has been getting calls for gypsy moths again this summer. Similar to last summer, our city forester will monitor each location that we receive complaints from, and complete the egg count later this summer. The counts will be turned into the state to determine if we qualify for spraying in 2017. Please see the City website for more information.
- The Schluter Park project is underway. Both storm sediment removal structures are in place. Winnequah Road box location has been paved. The park shelter utility connections will be completed the week of August 1st. Channel dredging has been completed.
- Strand Associates continues work on design for the 2017 road reconstruction project. Two public information meetings were held in July.
- Spray patching and crack filling for the streets receiving micro surfacing has been completed. Micro surfacing work started On July 27th, and is expected to be completed by August 5th. Pavement marking will be completed by August 31st.
- The street resurfacing project has been completed. The infrared heat repairs will be completed by August 31st.
- Crack filling on City streets has been completed.

**In Progress / Routine Duties:**

- Completed meter changes and meter reading for the month.
- Completed daily rounds at the wells and lift stations, collected required water samples, and complete diggers hotline locates for the month.
- Clean floor drains at the shop, complete inventory of shop items, and complete shop maintenance for the month.
- Coordinate City projects with our engineers.
- Continuing with research and review of specifications for vehicles scheduled to be replaced in 2017.

**Upcoming Objectives / Events:**

- Staff is currently preparing the 2017 draft capital budget, and will soon start work on the 2017 operating budget.
- The curbside solid waste and recycling contract expires at the end of 2016. The RFP for these services is expected to be prepared and sent to providers in August.

**2017 Road Reconstruction Project Update/Schedule:**

Bridge Rd; Broadway to Winnequah, 1,003' (tentative for 2017)

Tonyawatha; Winnequah to Progressive, 2,376'
Schultz; Tonyawatha to Winnequah, 381'
Dean, Winnequah to Tonyawatha, 634'
Progressive, Tonyawatha to Winnequah, 264'

McKenna, Dean to Greenway, 1,267'
Total Length; 4,922'

- 50% design – end of June
- Public Information Meeting 1 – July 19, 2016
- Public Information Meeting 2 – July 21, 2016
- 90% design – early October
- Assessment meetings – October and November 2016
- Public Information Meeting 3 – November 10, 2016
- Final plans and specifications – end of November
- Bid advertisement – early December
- Bid award meetings – January 2017
- Construction begins – April 2017
- Construction ends – September 2017

**Personnel:**

- We have one opening in the water and sewer utility division of public works, which is expected to be filled by mid-August.