

AGENDA

CITY OF MONONA PUBLIC WORKS COMMITTEE

COMMUNITY CENTER – MAIN HALL

WEDNESDAY, March 2, 2016

6:30 P.M.

1. Call To Order.
2. Roll Call.
3. Approval of Minutes from February 3, 2016.
4. Appearances.
5. Unfinished Business.
 - A. Parking update, 4501 Winnequah Road
6. New Business.
 - A. Discussion and approval of Bridge Road and Frost Woods Road pavement marking plan, and Resolution for No Parking on Bridge Road.
 - B. Assessment method discussion and approval for the Schluter Beach channel dredging.
 - C. Approval of Schluter Beach Improvements Project bid.
7. Public Works & Utility Operations Report.
8. Next Scheduled Meeting: Wednesday, April 6, 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 – February 3, 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. McConnell, Mr. Stolper, Ms. Busse, Mr. Franklin, Mr. Besch, Mr. Turino, Mr. Podell

Excused: Alderperson Thomas

Also Present: Monona residents Carol Nikolaus, Bruce Meier, Elaine Meier, Nancy Moore, Marjorie Zicha, and Public Works 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 January 6, 2016, was carried.

APPEARANCES –

Bruce and Elaine Meier of 4404 Winnequah Road appeared in front of the committee and spoke in favor of the proposed no parking zone at 4501 Winnequah Road.

Carol Nikolaus of 4421 Winnequah Road appeared in front of the committee and spoke in favor of the proposed no parking zone at 4501 Winnequah Road.

Marjorie Zicha of 4400 Outlook appeared in front of the committee and spoke in favor of the proposed no parking zone at 4501 Winnequah Road.

UNFINISHED BUSINESS

5A: Resident request for No Parking at 4501 Winnequah Rd. – Director Stephany introduced the topic by explaining the handouts for review in the committee packet. Mr. Stolper stated that something needs to be done at this location, perhaps to have no parking during the day when vehicles are parked on the road and in the driveway. Vehicles in both locations block the view. Evening traffic can be seen because their lights are on, making it easier to see at night. Cars at this location are there for the business, which wouldn't be there at night.

The owner of the business has been contacted about the proposed No Parking zone, and is aware that the cars for his business are blocking views from the intersection. Mr. Franklin stated that if no parking were to be implemented then the cars would park in front of some other residence. Mr. Turino added that no matter whose car is parked there, it still impacts sight lines. It would improve the neighborhood considerably if no parking could be implemented.

Mr. Podell thought a two-step approach might work, first addressing the residential business parking issue before a No Parking zone is implemented. If the business parking issue is solved then the No Parking zone wouldn't be needed.

Because the residential business owner wants to work with the city, Mr. Besch thought it would be best to work with the business owner first for a month, to have the cars moved, and see how it works.

Mr. Stolper agreed with Mr. Besch, that staff should contact the residential business owner requiring the employee cars be moved to a different location, such as Waterman Way Park, to improve intersection sight line issues. If the cars reappear before the next committee meeting, the committee will reconsider the no parking request.

A motion was made by Mr. Turino, and seconded by Mr. McConnell to table this issue until the March meeting was carried.

NEW BUSINESS

6A: Discussion and approval of the Adaptive Management Intergovernmental Agreement – Director Stephany introduced the topic by explaining the agreement and informing the committee that City Council had approved the agreement on the first reading at the February 1, 2016 meeting. No vote would be necessary at this meeting.

The agreement commits the City, with opt-out options, to a twenty year commitment to participate in the Adaptive Management program. Along with the annual contribution to Adaptive Management, the City still has obligations to meet the suspended solids and phosphorous requirements in our storm water permit. The City needs to continue to do work in the northwest section of the City, Reach 64, to meet the limits outlined in our storm water permit.

The bricks and mortar approach would be a more expensive solution to meet the EPA and State requirements, whereas the Adaptive Management process will address water in Lake Monona, and at a significantly cheaper price. Mr. Podell asked how the money would be spent, and how would we get quantitative results. Director Stephany responded by stating that best management practices would be implemented with the partners in the program, and that an annual report would be generated, discussing the past year's activities and financial information.

The contribution from the City would not increase. Our financial contribution to the program could decrease as we continue to do work within the City, mainly in Reach 64. The agreement has a process to account for SLAMM updates, and to allow for cost reductions based on improved SLAMM numbers.

6B: Discussion of the Bridge Road pavement marking and signage plan – Director Stephany summarized the draft plan set and letter that was completed by Strand Associates. Director Stephany asked the committee to consider endorsing the pavement marking plan and the No Parking plan so the department can move forward with sending out resident notification letters. The no parking plan includes a new No Parking zone of the south bound lane on Bridge Road from Winnequah Road to Frost Woods Road. No changes would be made to the Stop sign configuration. Parking would be allowed in the north bound lane, with new bike lanes on both sides. With the new plan, bike lanes would also be marked on Frost Woods Road from Monona Drive to Bridge Road.

A resolution for the No Parking signage plan would be presented at the March meeting. The notification letter that will be mailed to area residents will ask for feedback on the No Parking zone, and will also let them know that the committee will be considering the No Parking zone at the March meeting.

Mr. Podell asked if the current center line markings could be ground off prior to the planned micro surfacing. Director Stephany stated that pavement marking grinding can be placed in the micro surfacing bid.

6C: Discussion and approval to amend the Bridge Road reconstruction design contract – Director Stephany presented the amendment request and discussed the handouts included in the committee packet. Strand Associates is under contract to design the reconstruction of Bridge Road, from Broadway to Winnequah Road, and the amendment is to request approval for Strand Associates to complete the design for the 2017 local road reconstruction project. The current contract, and amendment also includes services for bidding, administration and observation of the reconstruction project.

Mr. Podell mentioned that he read a recent article in the State Journal that stated developers were scared away from developing at the City's Riverfront Development location because of planned development in the City of Madison, just west of the Bridge Road. Mr. Podell questioned whether it was the right time to move forward or not with the proposal.

Mr. Stolper explained the current status of the Riverfront Development, and mentioned that the City is a few months away from having a firm plan. Bridge Road reconstruction is currently planned for 2017.

Director Stephany explained the efficiencies of amending the design contract, and summarized the successes of past projects designed and managed by Strand Associates.

A motion was made by Mr. Stolper, and seconded by Ms. Busse to approve the Bridge Road Reconstruction Design contract amendment as presented was carried.

NEXT SCHEDULED MEETING: Wednesday, March 2, 2016. Alderman Speight informed the committee that he will not be at the March 2, 2016 meeting.

ADJOURNMENT

A motion was made by Ms. Busse and seconded by Mr. Besch to adjourn was carried (8:10 pm).

Daniel Stephany
Director of Public Works

Ordinance No. 16-03-xxxx
Monona Common Council

**AN ORDINANCE AMENDING THE OFFICIAL TRAFFIC MAP OF THE CITY OF
MONONA FOR ESTABLISHMENT OF “NO PARKING THIS SIDE” AND “NO
PARKING BETWEEN ARROWS” ON BRIDGE ROAD**

The City Council of the City of Monona, Dane County, Wisconsin, hereby resolves as follows:

WHEREAS, it is the intent of the City of Monona to protect the public health, safety, and welfare; and

WHEREAS, pursuant to that intent, Section 10-1-5 of the City of Monona Code establishes an official traffic map; and

WHEREAS, the City of Monona will install bike lanes in both directions on Frost Woods Road, from Monona Drive to Bridge Road; and on Bridge Road, from Frost Woods Road to Winnequah Road; and

WHEREAS, after review and discussion by City staff and the Public Works Committee that effective immediately, the following revisions to the official traffic map have been recommended:

1. Establishment of a “No Parking This Side” zone of the south bound lane on Bridge Road, from Frost Woods Road to Winnequah Road. Installation of appropriate No Parking This Side signs shall be in a manner consistent with practices as specified in the Manual of Uniform Traffic Control Devices (MUTCD).
2. Establishment of “No Parking Between Arrows” of the northbound lane, from Ford Street for a distance of 100’ to the end of the guard rail at 6214 Bridge Road.

NOW, THEREFORE, BE IT RESOLVED, the Common Council of the City of Monona, Dane County, Wisconsin do ordain as follows:

1. The Official Traffic Map shall be amended as follows: “No Parking This Side” to be established for the south bound lane of Bridge Road, from Frost Woods Road to Winnequah Road, and “No Parking Between Arrows” of the northbound lane, from Ford Street for a distance of 100’ north to the end of the guard rail at 6214 Bridge Road.
2. City staff is directed to take any and all action necessary to implement the aforementioned revisions.

Adopted this ____ day of _____, 2016.

BY ORDER OF THE COMMON COUNCIL

Robert E. Miller
Mayor

ATTEST:

Joan Andrusz
City Clerk

Approval Recommended By: Public Works Committee

Council Action:

Date Introduced:

Date Approved:

City of Monona – Public Works & Utilities

5211 Schluter Road
Monona, Wisconsin 53716
Phone: 608-222-2525
Fax: 608-222-9225
Website: www.mymonona.com



February 9, 2016

Re: Consideration of Bridge Road No Parking Zone – Frost Woods Road to Winnequah Road

Dear Property Owner/Resident:

I am writing you at the request of the City of Monona Public Works Committee. The committee will be considering approval of a no parking zone in the southbound lane on Bridge Road, from Frost Woods Road to Winnequah Road, at its March 2, 2016 meeting.

The Public Works Committee has been working with Strand Associates to determine ways to make this corridor safer, and for ways to better accommodate pedestrian and bike traffic. The Bridge Road pavement marking and signing plan (enclosed) presented to the committee by Strand Associates includes a six-foot wide southbound bike lane (no parking zone), and a 14-foot wide northbound biking lane and parking lane. Proposed travel lanes are 10 feet wide in each direction. The pavement marking and signing plan is designed to make it safer for motorists as they approach the curve near Ford Street, as well making it safer for pedestrians who are walking on Bridge Road and for patrons using Bridge Road Park. The pavement marking plan also includes the addition bike lanes on Frost Woods Road, from Bridge Road to Monona Drive.

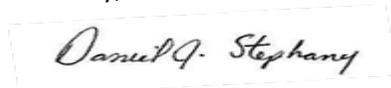
Per Monona City Ordinance, restrictions to on-street parking need to be approved by the Public Works Committee and City Council. If the changes to the pavement marking plan and no parking request are approved by the Public Works Committee and City Council this coming spring, changes will take effect this coming summer and fall.

As mentioned above, the Public Works Committee will be discussing this issue at its March 2, 2016 meeting, at the Monona Community Center (1011 Nichols Road), beginning at 6:30 p.m. You are invited and welcome to share your feedback about the proposed no parking zone and pavement marking plan with the committee at this meeting. Alternatively, you may call or email your comments to me at (608) 222-2525 or dstephany@ci.monona.wi.us, and I will share all comments with the committee members on March 2.

For a more detailed view of the pavement marking and signing plan set, please visit <http://www.mymonona.com/258/City-Projects-Bids>.

Thank you for your feedback.

Sincerely,



Daniel J. Stephany
Director of Public Works & Utilities

cc: Monona Public Works Committee
Monona City Council
April Little, City Administrator
Walter Ostrenga, Police Chief

enc: Proposed Pavement Marking & Signing Plan Sheet

ARW2	ARROWS TYPE 2 (WHITE)
ARWB	BIKE LANE SYMBOL AND ARROW (WHITE)
SHLM	SHARED LANE MARKING (WHITE)
CWW6	CROSSWALK 6-INCH (WHITE)
SBW24	STOP BAR 24-INCH (WHITE)
WL4	4-INCH (WHITE) LANE LINE
DY4	4-INCH DOUBLE YELLOW
WS4-3	4-INCH (WHITE SKIP) (3' SEG., 6' GAP)



WS4-3

(TYP.)
NO
PARKING
ON THIS
SIDE
R7-53
18" X 24"

(TYP.)
DY4

(TYP.)
ARWB

(TYP.)
WL4

BRIDGE ROAD

MATCHLINE B

MIDWOOD AVE

SCALE, FEET 0 20 40

BRIDGE ROAD AND FROSTWOODS ROAD
PAVEMENT MARKING AND SIGNING PLAN

CITY OF MONONA
DANE COUNTY, WI



FIGURE 2-1
1093.026

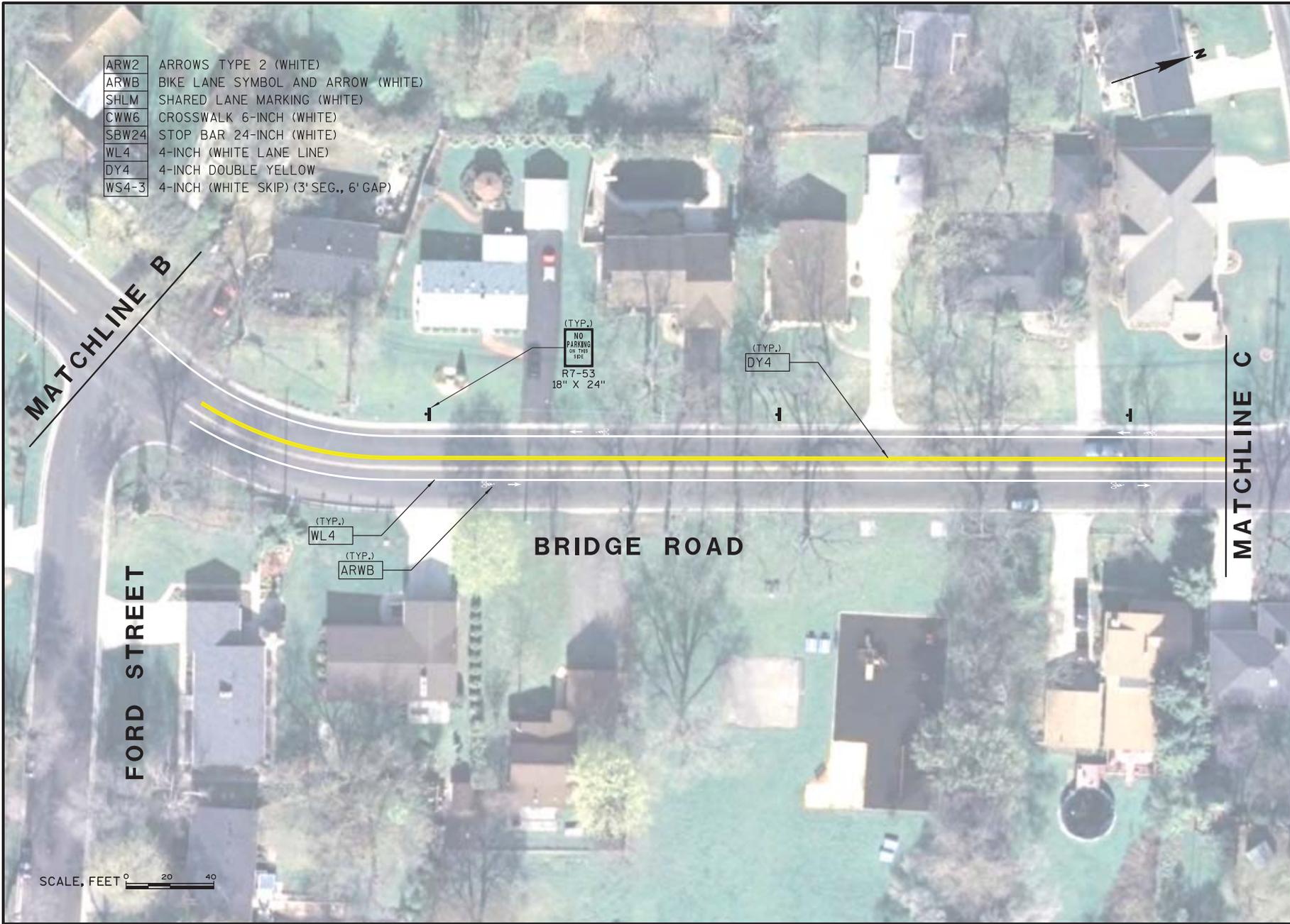
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ARW2	ARROWS TYPE 2 (WHITE)
ARWB	BIKE LANE SYMBOL AND ARROW (WHITE)
SHLM	SHARED LANE MARKING (WHITE)
CWW6	CROSSWALK 6-INCH (WHITE)
SBW24	STOP BAR 24-INCH (WHITE)
WL4	4-INCH (WHITE) LANE LINE
DY4	4-INCH DOUBLE YELLOW
WS4-3	4-INCH (WHITE) SKIP (3' SEG., 6' GAP)



**BRIDGE ROAD AND FROSTWOODS ROAD
PAVEMENT MARKING AND SIGNING PLAN**

CITY OF MONONA
DANE COUNTY, WI



FIGURE 2-2
1093.026



\$FILES \$USERS \$DATES \$TIMES



MATCHLINE C

GRAHAM DRIVE

MATCHLINE D

BRIDGE ROAD

(TYP.)
NO
PARKING
ON THIS
SIDE
R7-53
18" X 24"

(TYP.)
WL4

(TYP.)
ARWB

(TYP.)
DY4

- ARW2 ARROWS TYPE 2 (WHITE)
- ARWB BIKE LANE SYMBOL AND ARROW (WHITE)
- SHLM SHARED LANE MARKING (WHITE)
- CWW6 CROSSWALK 6-INCH (WHITE)
- SBW24 STOP BAR 24-INCH (WHITE)
- WL4 4-INCH (WHITE LANE LINE)
- DY4 4-INCH DOUBLE YELLOW
- WS4-3 4-INCH (WHITE SKIP) (3' SEG., 6' GAP)

SCALE, FEET 0 20 40

BRIDGE ROAD AND FROSTWOODS ROAD
PAVEMENT MARKING AND SIGNING PLAN

CITY OF MONONA
DANE COUNTY, WI



FIGURE 2-3
1093.026

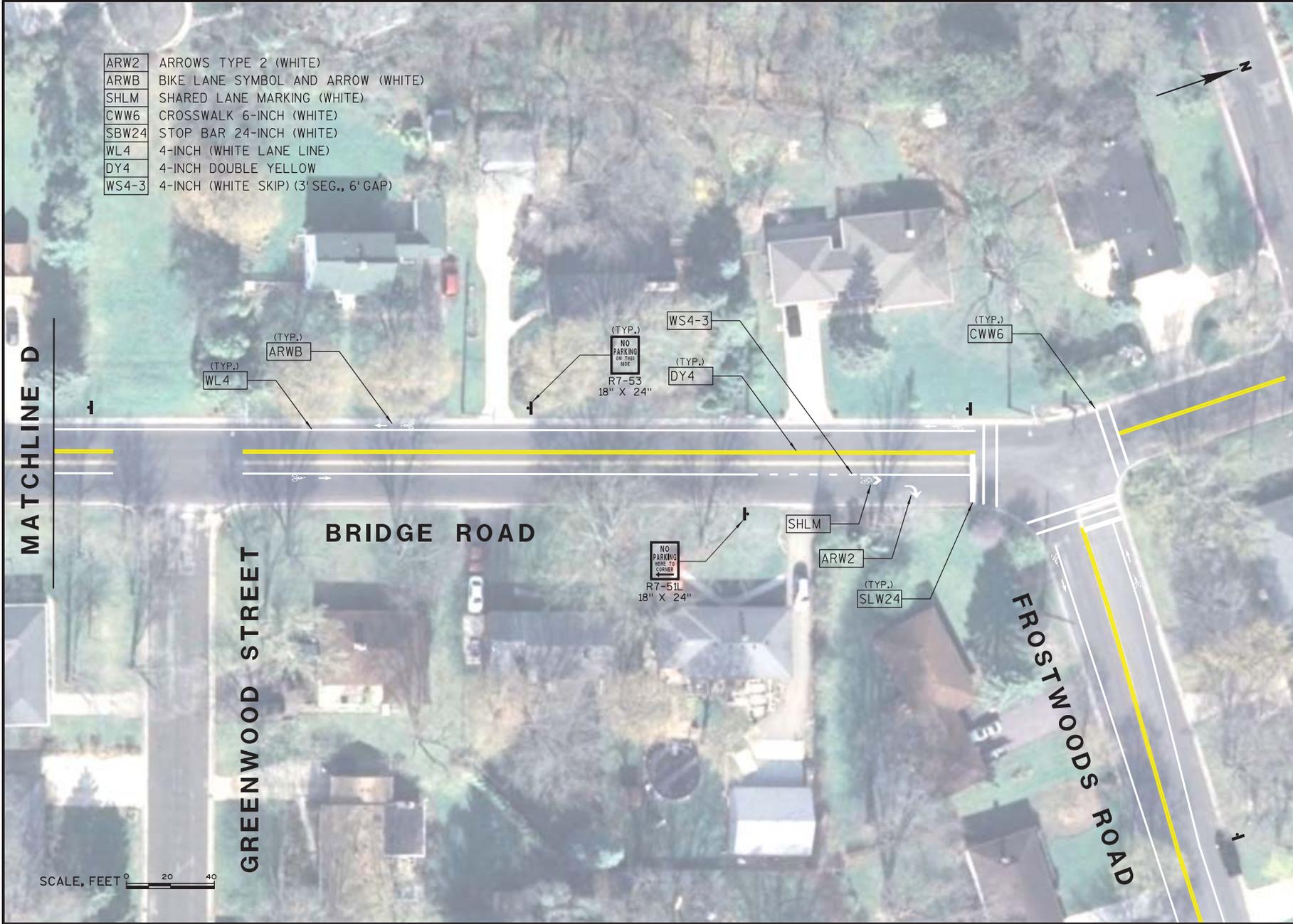
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ARW2	ARROWS TYPE 2 (WHITE)
ARWB	BIKE LANE SYMBOL AND ARROW (WHITE)
SHLM	SHARED LANE MARKING (WHITE)
CWW6	CROSSWALK 6-INCH (WHITE)
SBW24	STOP BAR 24-INCH (WHITE)
WL4	4-INCH (WHITE LANE LINE)
DY4	4-INCH DOUBLE YELLOW
WS4-3	4-INCH (WHITE SKIP) (3' SEG., 6' GAP)



MATCHLINE D

GREENWOOD STREET

BRIDGE ROAD

FROSTWOODS ROAD

**BRIDGE ROAD AND FROSTWOODS ROAD
PAVEMENT MARKING AND SIGNING PLAN**

CITY OF MONONA
DANE COUNTY, WI



FIGURE 2-4
1093.026

\$FILES \$USERS \$DATES \$TIMES

ARW2	ARROWS TYPE 2 (WHITE)
ARWB	BIKE LANE SYMBOL AND ARROW (WHITE)
SHLM	SHARED LANE MARKING (WHITE)
CWW6	CROSSWALK 6-INCH (WHITE)
SBW24	STOP BAR 24-INCH (WHITE)
WL4	4-INCH (WHITE LANE LINE)
DY4	4-INCH DOUBLE YELLOW
WS4-3	4-INCH (WHITE SKIP) (3' SEG., 6' GAP)



**BRIDGE ROAD AND FROSTWOODS ROAD
PAVEMENT MARKING AND SIGNING PLAN**

CITY OF MONONA
DANE COUNTY, WI



FIGURE 2-5
1093.026

\$FILES

\$USERS

\$DATES

\$TIMES



ARW2	ARROWS TYPE 2 (WHITE)
ARWB	BIKE LANE SYMBOL AND ARROW (WHITE)
SHLM	SHARED LANE MARKING (WHITE)
CWW6	CROSSWALK 6-INCH (WHITE)
SBW24	STOP BAR 24-INCH (WHITE)
WL4	4-INCH (WHITE) LANE LINE
DY4	4-INCH DOUBLE YELLOW
WS4-3	4-INCH (WHITE SKIP) (3' SEG., 6' GAP)

MATCHLINE E

MATCHLINE F

FROSTWOODS ROAD

SYLVAN LANE

GATEWAY GREEN

(TYP.)
ARWB

(TYP.)
WL4

(TYP.)
DY4

SCALE, FEET 0 20 40

**BRIDGE ROAD AND FROSTWOODS ROAD
PAVEMENT MARKING AND SIGNING PLAN**

CITY OF MONONA
DANE COUNTY, WI



FIGURE 2-6
1093.026

\$FILES

\$USERS

\$DATES

\$TIMES



ARW2	ARROWS TYPE 2 (WHITE)
ARWB	BIKE LANE SYMBOL AND ARROW (WHITE)
SHLM	SHARED LANE MARKING (WHITE)
CWW6	CROSSWALK 6-INCH (WHITE)
SBW24	STOP BAR 24-INCH (WHITE)
WL4	4-INCH (WHITE) LANE LINE
DY4	4-INCH DOUBLE YELLOW
WS4-3	4-INCH (WHITE) SKIP (3' SEG., 6' GAP)

MATCHLINE F

(TYP.)
ARWB

(TYP.)
WL4

(TYP.)
DY4

FROSTWOODS ROAD

SCALE, FEET 0 20 40

BRIDGE ROAD AND FROSTWOODS ROAD
PAVEMENT MARKING AND SIGNING PLAN

CITY OF MONONA
DANE COUNTY, WI



FIGURE 2-7
1093.026

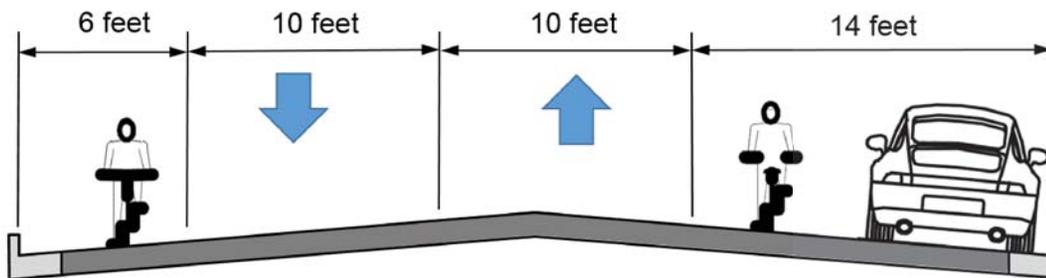
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**Proposed Bike Lane Typical Section
(Bridge Road Looking North)
(Frostwoods Road Looking West)**



**BRIDGE ROAD AND FROSTWOODS ROAD
PAVEMENT MARKING AND SIGNING PLAN
FINISHED TYPICAL SECTION**

**CITY OF MONONA
DANE COUNTY, WI**



**FIGURE 1-1
1093.026**

Sec. 6-1-12 Waterway Maintenance.

(a) Definitions.

(1) **Waterway.** Any navigable water body.

(2) **Navigability.** A waterway is navigable if it has bed and banks, and it is possible to float a canoe or other small craft in it at some time of the year.

(3) **Shoreline.** A line that connects all the ordinary high water marks on the banks or shore where the water is present.

(4) **Ordinary High Water Mark.** The point on the bank or shore where the water is present often enough so that the lake or stream bed begins to look different from the upland. Specifically, the ordinary high water mark is the point on the bank or shore up to which the water, by its presence or wave action or flow, leaves a distinct mark on the shore or bank. The mark may be indicated by erosion, destruction of/or change in vegetation, or other easily recognizable characteristics.

(5) **Cleaning Work.** Any effort that will result in the removal of the deposits on the bed and banks of a navigable waterway that occurred throughout the years, including mechanical dredging, hydraulic dredging, hand work cleaning, or work of a similar character.

(b) Assessment and Cleaning Process.

(1) **Application.** A written application may be made by any interested party to the City Engineer requesting consideration for the cleaning of a waterway and/or stabilizing of a shoreline. No application shall be processed unless accompanied by a fee as prescribed by Section 7-15-1. The fee shall be credited against any assessment for waterway maintenance but shall be otherwise non-refundable.

(2) **Application Review by City Engineer.** Upon receiving the written application the City Engineer (hereafter Engineer) shall conduct a preliminary review of the proposed work which shall include:

- a. Rough cost estimate.
- b. Recommendation on whether project design planning shall be performed by the City Engineer or an outside engineering firm.
- c. Evaluation of project's environmental impact.
- d. Consultation with the Department of Natural Resources to ascertain permit procedure/timetable.
- e. Contact with affected/surrounding property owners to determine availability of construction easements.
- f. Such other factors as deemed appropriate by the City Engineer.
- g. Written recommendation to the Public Works Committee regarding the advisability of the project.

(3) **Hearing Before Public Works Committee.** Upon receipt of the Engineer's report the Public Works Committee shall hold a hearing on the application for the cleaning of a waterway and/or stabilizing of a shoreline. Notice shall be given to the public and affected property owners. The Public Works Committee shall determine the procedures to be utilized at any such hearing.

(4) **Decision of Public Works Committee.** The Public Works Committee may recommend approval or rejection of the project and shall in writing inform the public and affected property owners of its decision.

(5) **Report to/Consideration by Common Council.** Any project receiving a positive recommendation shall be recommended by the Public Works Committee for inclusion in the Capital Improvement Budget for the subsequent year City budget. The Common Council shall have final approval of all projects.

(6) Design/Planning.

- a. Any project approved by the Common Council shall be designated and constructed in substantial compliance with the specifications prescribed by the Engineer or designee and

approved by the Public Works Committee. The final design plans shall include a recommendation as to the average distance to be utilized in assessment calculations.

- b. If during the design/planning process problems exist which in the opinion of the Engineer change the scope or nature of the project and/or make the project unfeasible, which shall include but not be limited to increased costs, inability to secure necessary easements, unwillingness of property owners to remove temporary structures, or any other substantial concern, the Engineer shall make a report to the Public Works Committee which shall then recommend to the Council whether to proceed with the proposed project.

(7) Assessment and Cleaning Process-Lakefront. (This section amended per Ordinance 4-11-623, adopted May 2, 2011.)

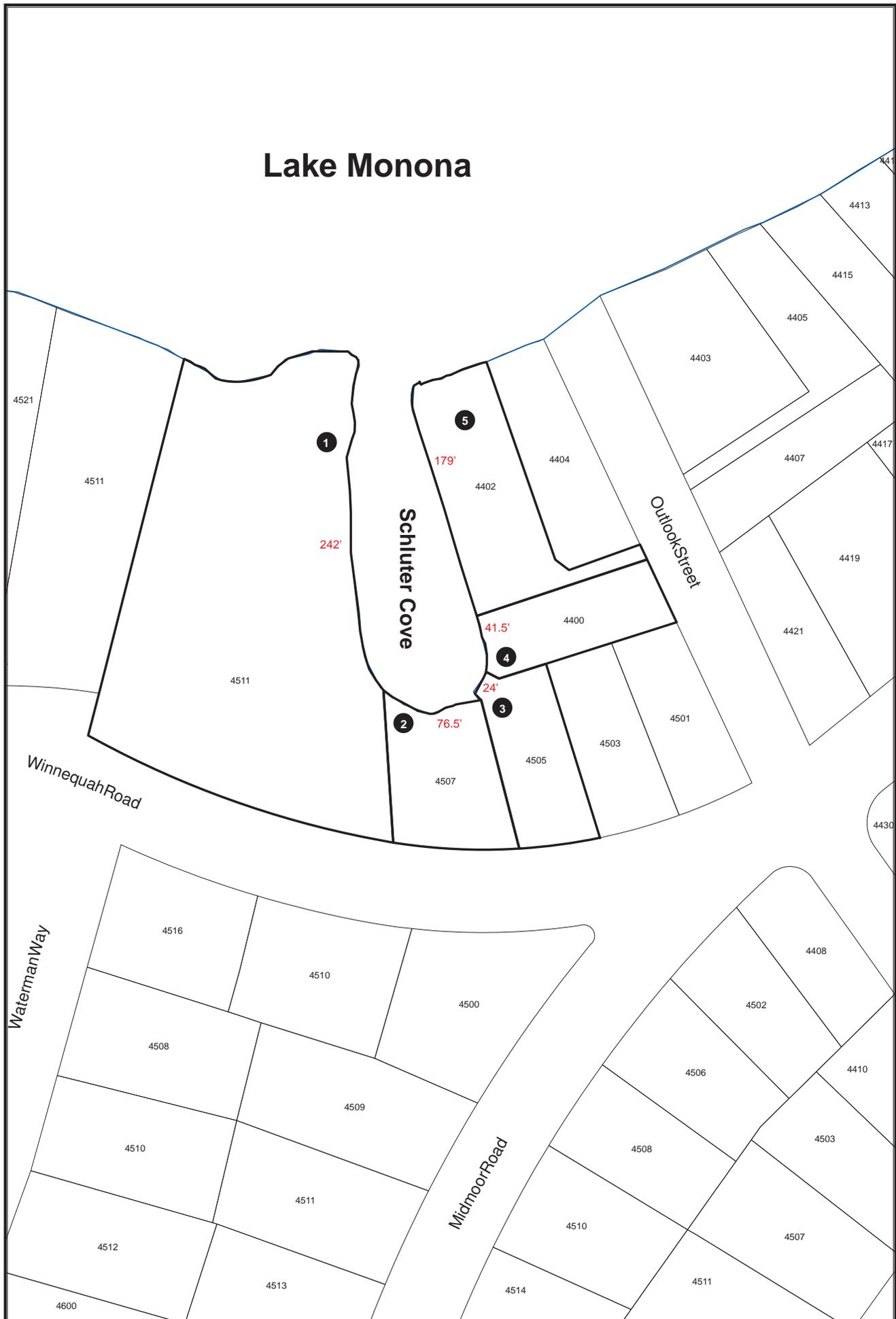
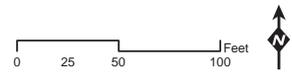
- a. Following review and approval of the project's final design plan, the cost of the proposed cleaning work shall be specially assessed pursuant to the following schedule:
- b. Seventy Percent (70%) Abutting Property Owners and Thirty Percent (30%) City-For any cleaning work within fifty (50) foot average distance from the shoreline. For any cleaning work of a total width of fifty (50) foot average or less.
 - 1. Sixty Percent (60%) Abutting Property Owners and Forty Percent (40%) City-For any cleaning work which extends from the shoreline more than fifty (50) and less than one hundred (100) foot average distance. For any cleaning work of a total width of fifty (50) feet and less than one hundred (100) feet average.
 - 2. Fifty Percent (50%) Abutting Property Owners and Fifty Percent (50%) City-For any cleaning work that extends from the shoreline one hundred (100) feet or more distance. For any cleaning work of a total width of one hundred (100) feet or more average.
 - 3. The average distance shall be the mean of the length of a set of parallel lines extended from the shoreline to the point of the dredging limits evenly spaced at ten (10) feet. Only one (1) assessment schedule per project shall apply.
- c. The assessment methodology shall utilize the meander line for calculation of frontage method. This assessment schedule shall not apply to shoreline stabilization. The City shall pay no costs for shoreline stabilization except pursuant to Subsection (b)(7)d below.
- d. Notwithstanding the above the City may elect to follow a different special assessment schedule when in the judgment of the Common Council, after review by the Public Works Committee, it would be inappropriate and unfair to apply the schedule set forth above.

(8) Assessment and Cleaning Work Policy-Lagoons, Rivers and Channels. (This section added per Ordinance 4-11-623, adopted May 2, 2011.)

- a. Following review and approval of the project's final design plan, the cost of the proposed cleaning work shall be specially assessed pursuant to the following schedule:
- b. Seventy Percent (70%) Abutting Property Owners and Thirty Percent (30%) City.
- c. The assessment methodology shall utilize the shoreline for calculation of frontage method. This assessment schedule shall not apply to shoreline stabilization. The City shall pay no costs for shoreline stabilization except pursuant to Subsection (b)(8)d below.
- d. Notwithstanding the above, the City may elect to follow a different special assessment schedule when in the judgment of the Common Council, after review by the Public Works Committee, it would be inappropriate and unfair to apply the schedule set forth above.
- e. City cost sharing for cleaning work associated with the Belle Isle channels shall occur no more often than once every 25 years.
- f. City cost sharing for cleaning work associated with the Cove Circle channel and Schluter Beach channel shall occur no more often than once every 15 years.

Schluter Dredging Project, 2016

Date: 2/23/2016



**Resolution No. 16-03-xxxx
Monona Common Council**

**A RESOLUTION ESTABLISHING A SPECIAL ASSESSMENT SCHEDULE
FOR DREDGING OF THE SCHLUTER BEACH CHANNEL**

WHEREAS, Ordinance 4-11-623, adopted May 2, 2011, established the assessment and cleaning work policy for lagoons, rivers and channels; and

WHEREAS, per the above ordinance, Section 6-1-12 (b) (8) of the Code of Ordinances was created as follows:

(8) Assessment and Cleaning Work Policy – Lagoons, Rivers and Channels

- a. Following review and approval of the project's final design plan, the cost of the proposed cleaning work shall be specially assessed pursuant to the following schedule:
- b. Seventy Percent (70%) Abutting Property Owners and Thirty Percent (30%) City.
- c. The assessment methodology shall utilize the shoreline for calculation of frontage method. This assessment schedule shall not apply to shoreline stabilization. The City shall pay no costs for shoreline stabilization except pursuant to Subsection (b)(8)d below.
- d. Notwithstanding the above, the City may elect to follow a different special assessment schedule when in the judgment of the Common Council, after review by the Public Works Committee, it would be inappropriate and unfair to apply the schedule set forth above.
- e. City cost sharing for cleaning work associated with the Belle Isle channels shall occur no more often than once every 25 years.
- f. City cost sharing for cleaning work associated with the Cove Circle channel and Schluter Beach channel shall occur no more often than once every 15 years.

WHEREAS, in accordance with Section 6-1-12(b)(8)d above, and to remain consistent with assessment methodologies of previous dredging projects, the Public Works Committee is recommending that an alternate special assessment schedule be followed for the Schluter Beach Channel Dredging Project as follows:

The assessment methodology shall utilize the shoreline for calculation of frontage method with a minimum frontage requirement of 50 feet and a maximum of 100 feet.

NOW, THEREFORE, BE IT RESOLVED that the Common Council of the City of Monona, Dane County, Wisconsin, hereby approves the alternate special assessment schedule for the Schluter Beach Channel Dredging Project.

Adopted this day of , 2016.

BY ORDER OF THE CITY COUNCIL
CITY OF MONONA, WISCONSIN

Robert Miller
Mayor

ATTEST:

Joan Andrusz
City Clerk

Approval Recommended By: Public Works Committee,

Council Action:

Date Introduced:

Date Approved:

**Resolution No. 16-3-xxxx
Monona Common Council**

SCHLUTER BEACH IMPROVEMENT PROJECT BID AWARD

WHEREAS, the 2016 Capital Budget includes funding for the Schluter Beach Improvement Project, a joint project between the Parks Department and Public Works Department, for channel dredging, restoring channel shoreline, installing two sediment removal structures, replacement of park restrooms and other park improvements; and,

WHEREAS, to address the designation of being on the Dane County Top Ten Worst Outfall List the City will be installing two sediment removal structures; and,

WHEREAS, the City will be receiving two storm water grants for assistance with installing two storm water sediment structures, one each from Dane County and the Wisconsin Department of Natural Resources, for a combined grant total of \$331,226.00; and,

WHEREAS, City staff and engineers will be holding a Public Information Meeting for this project on April 13, 2016 at the Monona Senior Center; and,

WHEREAS, a preliminary assessment public hearing before the public works committee will be held for the five properties affected by the cleaning of the waterway; and,

WHEREAS, the City received bids on February 18, 2016 from three bidders; and,

WHEREAS, the Public Works Committee reviewed the bid tabulations at the March 2, 2016 meeting and has recommended the award of bid for the Schluter Beach Improvement Project to Drax Incorporated in the amount of \$891,982.30; and,

NOW, THEREFORE, BE IT RESOLVED, by the Common Council of the City of Monona, Dane County, Wisconsin, that the contract to perform the work as described in the contract documents and recommended by the Public Works Committee for the Schluter Beach Improvement Project be awarded to Drax Incorporated in the amount of \$891,982.30 is hereby approved and the Director of Public Works is authorized to administer the execution of said contract.

Adopted this day of 2016.

BY ORDER OF THE CITY COUNCIL
CITY OF MONONA, WISCONSIN

Robert E. Miller
Mayor

ATTEST:

Joan Andrusz
City Clerk

Approval Recommended By: Public Works Committee

Council Action:
Date Introduced:
Date Approved:

City of Monona
POLICY AND FISCAL NOTE

Original Update

Substitute No. _____
Resolution No. **16-03-xxxx**
Ordinance Amendment No. _____

Title:
Award of Schluter Beach Improvements Project - 2016

Policy Analysis Statement:

Brief Description Of Proposal:

Requesting Award of Bid for the Schluter Park Improvements Project to Drax Incorporated in the amount of **\$891,982.30**. Park improvement work includes dredging the channel, restoring the channel shoreline, installing two sediment removal structures, replacement of the park restrooms, and various park improvements.

Current Policy Or Practice:

Funding for the improvements is included in the 2016 Capital Budget. The Schluter Park Improvements Project is a joint project with the Parks Department. A portion of this project will be assessed back to the shoreline property owners.

Impact Of Adopting Proposal:

Combined Capital Budget Allocation: \$1,110,400 (\$578,900 – parks; \$531,500 – public works)

Expenses:

- Construction Bid Amount: \$891,982.30 (\$412,573 – parks; \$479,409.30 – public works)
- Combined O & A Services: \$53,429.56 (\$6,254.56 – parks; \$47,175 – public works)
- Total: \$942,632.30

Balance:

- \$167,767.70 (to be used for parks department improvements, testing services, project contingency, etc...)

Storm Water Grant Funding: \$331,226.00

Fiscal Estimate:

Fiscal Effect (check/circle all that apply)

- No fiscal effect
 Creates new expenditure account
 Creates new revenue account
 Increases expenditures
 Increases revenues
 Increases/decreases fund balance _____ Fund

Budget Effect:

- Expenditure authorized in budget
 No change to budget required
 Expenditure not authorized in budget
 Budget amendment required

Vote Required:

- Majority
 Two-Thirds

Narrative/assumptions About Long Range Fiscal Effect:

Expenditure/Revenue Changes:

Budget Amendment No. _____				No Budget Amendment Required <input checked="" type="checkbox"/>				
Account Number				Account Name	Budget Prior to Change	Debit	Credit	Amended Budget
Fund	CC	Account	Object					
400	57	57330	982	Schluter Beach Improvement - Dredging	\$531,500			\$531,500
400	57	57620	849	Schluter Beach Improvement	\$578,900			\$578,900

Prepared By:

Department: Public Works
 Prepared By: Daniel Stephany, Dir Public Works
 Reviewed By: Marc Houtakker, Finance Director

Date: February 19, 2016
 Date: February 19, 2016



February 24, 2016

Mr. Daniel Stephany, Director of Public Works
City of Monona
5211 Schluter Road **VIA EMAIL**
Monona, WI 53716

RE: **Schluter Beach Improvements**
City of Monona, Wisconsin
Bid Results & Notice of Award

Dear Dan:

We have reviewed the bids received on February 18, 2016, for the above-referenced project. Three bids were received. The bids ranged in price from \$891,980.30 to \$1,507,608.50. Drax Inc. was the low bidder. The attached bid tabulation does reflect corrections to errors that were made in the bids, and places where errors were made are highlighted.

The bid submitted by Drax Inc. meets the requirements of the bidding documents and is therefore considered responsive. We therefore recommend acceptance of the bid submitted by Drax Inc.

As requested, we interviewed contact persons listed for the reference projects provided by Drax Inc. None of the responses provided information that would warrant disqualifying Drax Inc. We previously provided a Low Bidder Reference Check Summary.

Enclosed please find three copies of the Notice of Award for the above referenced project. Once the contract has been awarded by the City's Common Council, please have all three copies of the Notice of Award Signed and returned to me at our Madison Office. I will then forward the documents onto the Contractor for execution.

If you have any questions, please let me know.

Sincerely,
VIERBICHER ASSOCIATES, INC.

Darrin R. Pope, PE

Enclosures

BID TABULATION
 Schluter Beach Improvements, City of Monona
 CITY PROJECT # : MO-01 -16. VIERBICHER PN: 150028
 February 18, 2016, 10:00 AM



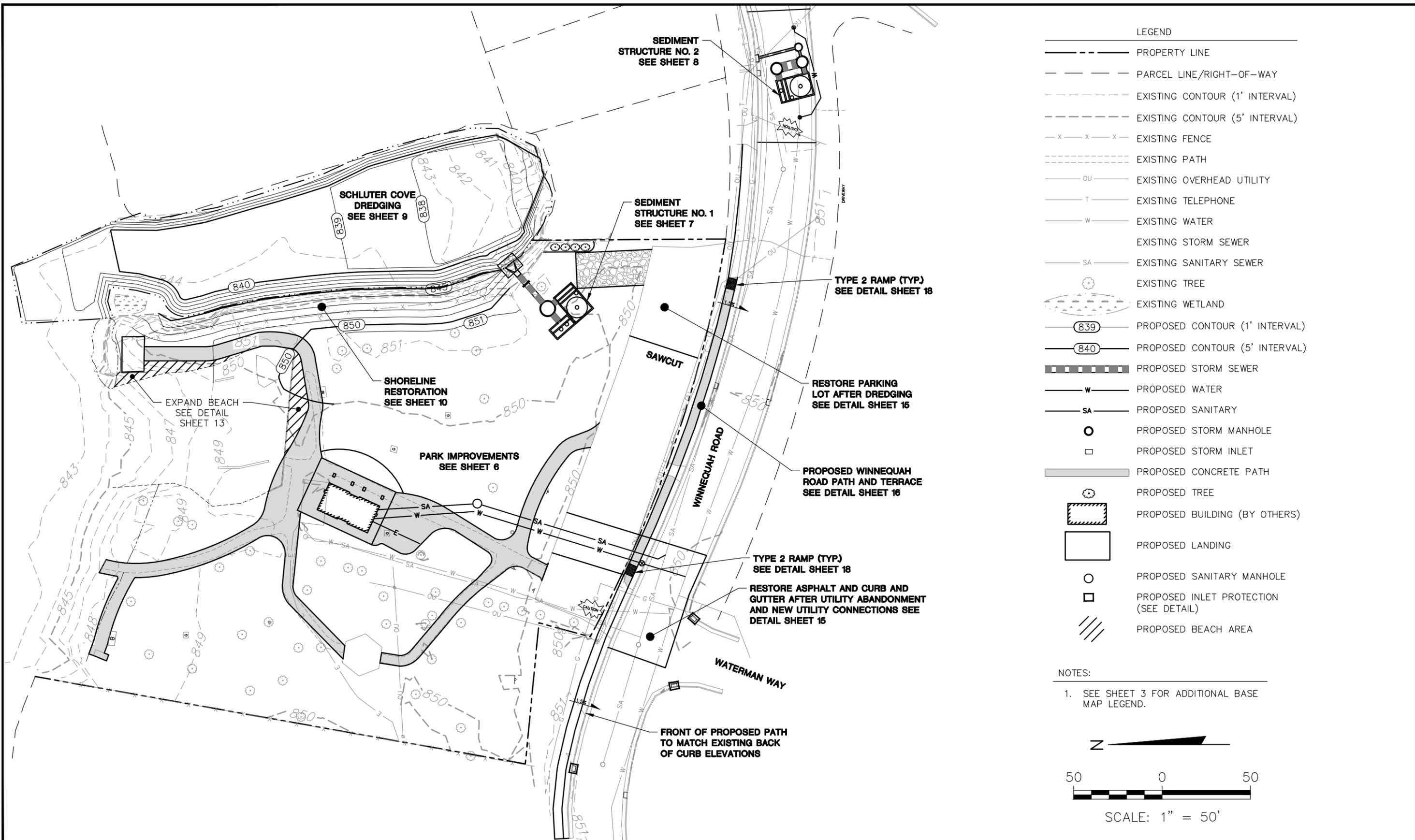
Indicates a math error made on bid form.
 Indicates changes to bid form since engineers/architect's O.P.C.

Bid Item Number	Item Description	Units of Measure	Estimated Quantity	SCS Engineers/Dorschner Opinion of Probable Cost		Apparent Low Bid		HARMONY CONSTRUCTION MANAGEMENT		JOE DANIELS CONSTRUCTION CO., INC.	
				Unit Cost	Total Amount	DRAX INC.		Unit Cost	Total Amount	Unit Cost	Total Amount
						Unit Cost	Total Amount				
5.01 BASE BID - PARK SITE WORK											
Sediment Structures											
1	Clearing	STA	0.5	\$ 300.00	\$ 150.00	\$ 910.00	\$ 455.00	\$ 700.00	\$ 350.00	\$ 3,200.00	\$ 1,600.00
2	Grubbing	STA	0.5	\$ 250.00	\$ 125.00	\$ 910.00	\$ 455.00	\$ 700.00	\$ 350.00	\$ 3,200.00	\$ 1,600.00
3	Removing Asphaltic Surface	SY	540	\$ 11.00	\$ 5,940.00	\$ 2.60	\$ 1,404.00	\$ 2.00	\$ 1,080.00	\$ 6.00	\$ 3,240.00
4	Removing Curb and Gutter	LF	150	\$ 6.50	\$ 975.00	\$ 9.10	\$ 1,365.00	\$ 7.00	\$ 1,050.00	\$ 8.00	\$ 1,200.00
5	Removing Fence	LF	55	\$ 2.50	\$ 137.50	\$ 7.80	\$ 429.00	\$ 6.00	\$ 330.00	\$ 10.00	\$ 550.00
6	Removing Storm Sewer (38x60-Inch)	LF	22	\$ 40.00	\$ 880.00	\$ 39.00	\$ 858.00	\$ 30.00	\$ 660.00	\$ 250.00	\$ 5,500.00
7	Removing Storm Sewer (18-Inch)	LF	54	\$ 15.00	\$ 810.00	\$ 26.00	\$ 1,404.00	\$ 20.00	\$ 1,080.00	\$ 55.00	\$ 2,970.00
8	Removing Storm Sewer (29x45-Inch)	LF	53	\$ 25.00	\$ 1,325.00	\$ 26.00	\$ 1,378.00	\$ 20.00	\$ 1,060.00	\$ 108.00	\$ 5,724.00
9	Excavation Common	CY	115	\$ 25.00	\$ 2,875.00	\$ 19.50	\$ 2,242.50	\$ 15.00	\$ 1,725.00	\$ 28.00	\$ 3,220.00
10	Backfill Granular	CY	450	\$ 15.00	\$ 6,750.00	\$ 20.80	\$ 9,360.00	\$ 16.00	\$ 7,200.00	\$ 30.00	\$ 13,500.00
11	Prepare Foundation for Asphaltic Paving	LS	1	\$ 1,500.00	\$ 1,500.00	\$ 1,430.00	\$ 1,430.00	\$ 1,100.00	\$ 1,100.00	\$ 7,400.00	\$ 7,400.00
12	Riprap Heavy	CY	15	\$ 50.00	\$ 750.00	\$ 78.00	\$ 1,170.00	\$ 60.00	\$ 900.00	\$ 95.00	\$ 1,425.00
13	Geotextile Fabric Type HR	SY	30	\$ 4.25	\$ 127.50	\$ 3.51	\$ 105.30	\$ 2.70	\$ 81.00	\$ 10.00	\$ 300.00
14	Finishing Roadway (Sediment Structures, Dredging and Shoreline)	EACH	1	\$ 600.00	\$ 600.00	\$ 2,000.00	\$ 2,000.00	\$ 1,480.00	\$ 1,480.00	\$ 4,000.00	\$ 4,000.00
15	Base Aggregate Dense 1 1/4-inch	TON	205	\$ 18.50	\$ 3,792.50	\$ 20.80	\$ 4,264.00	\$ 16.00	\$ 3,280.00	\$ 21.50	\$ 4,407.50
16	Base Aggregate Dense 3-inch	TON	235	\$ 19.00	\$ 4,465.00	\$ 19.50	\$ 4,582.50	\$ 15.00	\$ 3,525.00	\$ 21.50	\$ 5,052.50
17	Tack Coat	GAL	20	\$ 4.00	\$ 80.00	\$ 2.60	\$ 52.00	\$ 2.00	\$ 40.00	\$ 2.20	\$ 44.00
18	HMA Pavement Type E-1 (includes asphaltic material)	TON	110	\$ 200.00	\$ 22,000.00	\$ 109.20	\$ 12,012.00	\$ 84.00	\$ 9,240.00	\$ 92.40	\$ 10,164.00
19	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 34x53-Inch	LF	26	\$ 170.00	\$ 4,420.00	\$ 182.00	\$ 4,732.00	\$ 140.00	\$ 3,640.00	\$ 525.00	\$ 13,650.00
20	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 38x60-Inch	LF	8	\$ 190.00	\$ 1,520.00	\$ 208.00	\$ 1,664.00	\$ 160.00	\$ 1,280.00	\$ 775.00	\$ 6,200.00
21	Apron Endwalls for Culvert Pipe Rein. Concr. Horizontal Elliptical 34x53-Inch w/ Grate	EACH	1	\$ 2,000.00	\$ 2,000.00	\$ 5,421.00	\$ 5,421.00	\$ 4,170.00	\$ 4,170.00	\$ 6,500.00	\$ 6,500.00
22	Concrete Curb and Gutter 30-Inch Type D	LF	150	\$ 30.00	\$ 4,500.00	\$ 52.00	\$ 7,800.00	\$ 40.00	\$ 6,000.00	\$ 42.50	\$ 6,375.00
23	Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	LF	24	\$ 45.00	\$ 1,080.00	\$ 52.00	\$ 1,248.00	\$ 40.00	\$ 960.00	\$ 80.00	\$ 1,920.00
24	Storm Sewer Pipe Reinforced Concrete Class III 30-Inch	LF	8	\$ 110.00	\$ 880.00	\$ 84.50	\$ 676.00	\$ 65.00	\$ 520.00	\$ 130.00	\$ 1,040.00
25	Reconstructing Inlets	EACH	1	\$ 1,000.00	\$ 1,000.00	\$ 700.00	\$ 700.00	\$ 535.00	\$ 535.00	\$ 2,000.00	\$ 2,000.00
26	Manhole Covers Type J	EACH	12	\$ 425.00	\$ 5,100.00	\$ 400.00	\$ 4,800.00	\$ 320.00	\$ 3,840.00	\$ 600.00	\$ 7,200.00
27	Manholes 4-FT Diameter	EACH	1	\$ 3,500.00	\$ 3,500.00	\$ 1,400.00	\$ 1,400.00	\$ 1,200.00	\$ 1,200.00	\$ 3,075.00	\$ 3,075.00
28	Manholes 8-FT Diameter	EACH	3	\$ 7,500.00	\$ 22,500.00	\$ 6,000.00	\$ 18,000.00	\$ 4,750.00	\$ 14,250.00	\$ 20,000.00	\$ 60,000.00
29	Inlets 2x3 FT	EACH	1	\$ 900.00	\$ 900.00	\$ 1,800.00	\$ 1,800.00	\$ 1,400.00	\$ 1,400.00	\$ 2,150.00	\$ 2,150.00
30	Mobilization	EACH	1	\$ 6,000.00	\$ 6,000.00		\$ -	\$ 1,800.00	\$ 1,800.00	\$ 54,000.00	\$ 54,000.00
31	Salvaged Topsoil	SY	650	\$ 3.50	\$ 2,275.00	\$ 3.00	\$ 1,950.00	\$ 2.40	\$ 1,560.00	\$ 3.50	\$ 2,275.00
32	Silt Fence/Silt Sock	LF	50	\$ 2.00	\$ 100.00	\$ 2.00	\$ 100.00	\$ 2.00	\$ 100.00	\$ 7.00	\$ 350.00
33	Silt Fence Maintenance	LF	50	\$ 0.50	\$ 25.00	\$ 1.00	\$ 50.00	\$ 1.00	\$ 50.00	\$ 0.50	\$ 25.00
34	Mobilizations Erosion Control (Sediment Structures, Dredging and Shoreline)	EACH	1	\$ 200.00	\$ 200.00	\$ 1,500.00	\$ 1,500.00	\$ 1,200.00	\$ 1,200.00	\$ 175.00	\$ 175.00
35	Mobilizations Emergency Erosion Control (Sediment Structures, Dredging and Shoreline)	EACH	2	\$ 150.00	\$ 300.00	\$ 1,500.00	\$ 3,000.00	\$ 120.00	\$ 240.00	\$ 175.00	\$ 350.00

Bid Item Number	Item Description	Units of Measure	Estimated Quantity	SCS Engineers/Dorschner Opinion of Probable Cost		Apparent Low Bid					
				Unit Cost	Total Amount	DRAX INC.		HARMONY CONSTRUCTION MANAGEMENT		JOE DANIELS CONSTRUCTION CO., INC.	
						Unit Cost	Total Amount	Unit Cost	Total Amount	Unit Cost	Total Amount
36	Turbidity Barrier	SY	80	\$ 2,000.00	\$ 160,000.00	\$ 50.00	\$ 4,000.00	\$ 122.52	\$ 9,801.60	\$ 32.00	\$ 2,560.00
37	Fertilizer Type B	CWT	0.5	\$ 200.00	\$ 100.00	\$ 100.00	\$ 50.00	\$ 100.00	\$ 50.00	\$ 108.00	\$ 54.00
38	Seeding Mixture No. 40 (Madison Parks)	LB	30	\$ 8.50	\$ 255.00	\$ 20.00	\$ 600.00	\$ 15.00	\$ 450.00	\$ 16.00	\$ 480.00
39	Traffic Control	EACH	1	\$ 4,000.00	\$ 4,000.00	\$ 5,000.00	\$ 5,000.00	\$ 4,200.00	\$ 4,200.00	\$ 3,500.00	\$ 3,500.00
40	Sawing Asphalt	LF	110	\$ 2.50	\$ 275.00	\$ 3.00	\$ 330.00	\$ 2.00	\$ 220.00	\$ 4.00	\$ 440.00
41	Connect to Existing Storm Sewer	EACH	4	\$ 1,000.00	\$ 4,000.00	\$ 600.00	\$ 2,400.00	\$ 480.00	\$ 1,920.00	\$ 2,150.00	\$ 8,600.00
42	Sediment Structure No 1 (Contech Vortechs Storm Water Treatment Structure Model 16000)	EACH	1	\$ 65,000.00	\$ 65,000.00	\$ 85,000.00	\$ 85,000.00	\$ 85,000.00	\$ 85,000.00	\$ 131,500.00	\$ 131,500.00
43	Sediment Structure No 2 (Contech Vortechs Storm Water Treatment Structure Model 16000)	EACH	1	\$ 65,000.00	\$ 65,000.00	\$ 85,000.00	\$ 85,000.00	\$ 85,000.00	\$ 85,000.00	\$ 137,800.00	\$ 137,800.00
44	Utility Line Opening (ULO - 2 storm, 2 water, 1 gas)	EACH	5	\$ 400.00	\$ 2,000.00	\$ 600.00	\$ 3,000.00	\$ 450.00	\$ 2,250.00	\$ 750.00	\$ 3,750.00
45	8-Inch DI Watermain, Polywrap, Bends and Plug	LF	79	\$ 110.00	\$ 8,690.00	\$ 70.00	\$ 5,530.00	\$ 54.00	\$ 4,266.00	\$ 200.00	\$ 15,800.00
46	Connect to Existing Watermain	EACH	2	\$ 100.00	\$ 200.00	\$ 2,000.00	\$ 4,000.00	\$ 1,600.00	\$ 3,200.00	\$ 2,650.00	\$ 5,300.00
47	Gate Valve, 8-Inch	EACH	2	\$ 2,800.00	\$ 5,600.00	\$ 2,000.00	\$ 4,000.00	\$ 1,700.00	\$ 3,400.00	\$ 2,650.00	\$ 5,300.00
48	Remove Existing Watermain	LS	1	\$ 400.00	\$ 400.00	\$ 1,000.00	\$ 1,000.00	\$ 800.00	\$ 800.00	\$ 1,350.00	\$ 1,350.00
49	Anti-seep Collar	EACH	1	\$ 1,500.00	\$ 1,500.00	\$ 700.00	\$ 700.00	\$ 500.00	\$ 500.00	\$ 3,200.00	\$ 3,200.00
50	Manhole 12.5-FT x 6-FT Rectangular	EACH	1	\$ 7,000.00	\$ 7,000.00	\$ 20,000.00	\$ 20,000.00	\$ 16,850.00	\$ 16,850.00	\$ 31,700.00	\$ 31,700.00
Subtotal Sediment Structures:					\$ 433,602.50		\$ 320,417.30		\$ 295,183.60		\$ 590,516.00
Mechanical Dredging											
51	Mobilization	EACH	1	\$ 10,000.00	\$ 10,000.00	\$ 3,000.00	\$ 3,000.00	\$ 4,989.59	\$ 4,989.59	\$ 30,500.00	\$ 30,500.00
52	Turbidity Barrier	SY	135	\$ 25.00	\$ 3,375.00	\$ 50.00	\$ 6,750.00	\$ 122.52	\$ 16,540.20	\$ 125.00	\$ 16,875.00
53	Tracking Pad	EACH	1	\$ 4,000.00	\$ 4,000.00	\$ 1,000.00	\$ 1,000.00	\$ 2,456.38	\$ 2,456.38	\$ 3,500.00	\$ 3,500.00
54	Mechanical Dredging	CY	2200	\$ 50.00	\$ 110,000.00	\$ 50.00	\$ 110,000.00	\$ 80.00	\$ 176,000.00	\$ 89.00	\$ 195,800.00
55	Cleaning and Maintaining Haul Roads	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 1,500.00	\$ 1,500.00	\$ 6,000.00	\$ 6,000.00	\$ 7,500.00	\$ 7,500.00
Subtotal Mechanical Dredging:					\$ 132,375.00		\$ 122,250.00		\$ 205,986.17		\$ 254,175.00
Cove Shoreline Restoration											
56	Clearing	STA	2.5	\$ 300.00	\$ 750.00	\$ 700.00	\$ 1,750.00	\$ 500.00	\$ 1,250.00	\$ 1,800.00	\$ 4,500.00
57	Grubbing	STA	2.5	\$ 250.00	\$ 625.00	\$ 700.00	\$ 1,750.00	\$ 500.00	\$ 1,250.00	\$ 1,800.00	\$ 4,500.00
58	Excavation Common	CY	370	\$ 25.00	\$ 9,250.00	\$ 20.00	\$ 7,400.00	\$ 15.00	\$ 5,550.00	\$ 41.00	\$ 15,170.00
59	Removing Fence	LF	210	\$ 2.00	\$ 420.00	\$ 4.00	\$ 840.00	\$ 3.00	\$ 630.00	\$ 7.00	\$ 1,470.00
60	Mobilization	EACH	1	\$ 2,000.00	\$ 2,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,800.00	\$ 1,800.00	\$ 1,500.00	\$ 1,500.00
61	Salvaged Topsoil	SY	500	\$ 3.50	\$ 1,750.00	\$ 3.00	\$ 1,500.00	\$ 2.40	\$ 1,200.00	\$ 4.00	\$ 2,000.00
62	Native Vegetated Mat	SY	500	\$ 55.00	\$ 27,500.00	\$ 45.00	\$ 22,500.00	\$ 40.60	\$ 20,300.00	\$ 64.00	\$ 32,000.00
Subtotal Cove Shoreline Restoration:					\$ 42,295.00		\$ 36,740.00		\$ 31,980.00		\$ 61,140.00
Park Improvements											
63	Remove Asphaltic Surface (existing paths)	SY	330	\$ 11.00	\$ 3,630.00	\$ 4.00	\$ 1,320.00	\$ 3.00	\$ 990.00	\$ 6.50	\$ 2,145.00
64	Excavation Common	CY	800	\$ 25.00	\$ 20,000.00	\$ 20.00	\$ 16,000.00	\$ 15.00	\$ 12,000.00	\$ 23.00	\$ 18,400.00
65	Prepare Foundation for Asphaltic Paving	LS	1	\$ 1,500.00	\$ 1,500.00	\$ 1,000.00	\$ 1,000.00	\$ 1,100.00	\$ 1,100.00	\$ 4,215.00	\$ 4,215.00
66	Finishing Roadway (Park Improvements)	EACH	1	\$ 1,000.00	\$ 1,000.00	\$ 1,600.00	\$ 1,600.00	\$ 1,330.00	\$ 1,330.00	\$ 2,800.00	\$ 2,800.00

Bid Item Number	Item Description	Units of Measure	Estimated Quantity	SCS Engineers/Dorschner Opinion of Probable Cost		Apparent Low Bid					
				Unit Cost	Total Amount	DRAX INC.		HARMONY CONSTRUCTION MANAGEMENT		JOE DANIELS CONSTRUCTION CO., INC.	
						Unit Cost	Total Amount	Unit Cost	Total Amount	Unit Cost	Total Amount
67	Base Aggregate Dense 1 1/4 Inch (Street Repave)	TON	80	\$ 18.50	\$ 1,480.00	\$ 20.00	\$ 1,600.00	\$ 16.00	\$ 1,280.00	\$ 25.15	\$ 2,012.00
68	Base Aggregate Dense 3-inch	TON	90	\$ 19.00	\$ 1,710.00	\$ 20.00	\$ 1,800.00	\$ 15.00	\$ 1,350.00	\$ 25.15	\$ 2,263.50
69	Tack Coat	GAL	5	\$ 4.00	\$ 20.00	\$ 2.60	\$ 13.00	\$ 2.00	\$ 10.00	\$ 2.20	\$ 11.00
70	HMA Pavement Type E-1 (includes asphaltic material)	TON	40	\$ 200.00	\$ 8,000.00	\$ 130.00	\$ 5,200.00	\$ 100.00	\$ 4,000.00	\$ 110.00	\$ 4,400.00
71	6" Concrete Paths	SY	750	\$ 45.00	\$ 33,750.00	\$ 60.00	\$ 45,000.00	\$ 51.75	\$ 38,812.50	\$ 47.25	\$ 35,437.50
72	Curb Ramp Detectable Warning Field	SF	30	\$ 40.00	\$ 1,200.00	\$ 45.00	\$ 1,350.00	\$ 31.25	\$ 937.50	\$ 31.50	\$ 945.00
73	Manhole Covers Type J	EACH	1	\$ 425.00	\$ 425.00	\$ 400.00	\$ 400.00	\$ 320.00	\$ 320.00	\$ 600.00	\$ 600.00
74	Manholes 4-FT Diameter	EACH	1	\$ 3,500.00	\$ 3,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,200.00	\$ 1,200.00	\$ 2,750.00	\$ 2,750.00
75	Shrubs (Arborvitae American, Container, 60-INCH Height)	EACH	6	\$ 200.00	\$ 1,200.00	\$ 120.00	\$ 720.00	\$ 98.50	\$ 591.00	\$ 105.00	\$ 630.00
76	Mobilization	EACH	1	\$ 4,000.00	\$ 4,000.00	\$ 500.00	\$ 500.00	\$ 1,200.00	\$ 1,200.00	\$ 3,000.00	\$ 3,000.00
77	Salvaged Topsoil	SY	950	\$ 3.50	\$ 3,325.00	\$ 3.00	\$ 2,850.00	\$ 2.40	\$ 2,280.00	\$ 4.25	\$ 4,037.50
78	Silt Fence	LF	300	\$ 2.00	\$ 600.00	\$ 2.00	\$ 600.00	\$ 2.00	\$ 600.00	\$ 22.00	\$ 6,600.00
79	Silt Fence Maintenance	LF	300	\$ 0.50	\$ 150.00	\$ 0.10	\$ 30.00	\$ 0.28	\$ 84.00	\$ 0.50	\$ 150.00
80	Mobilizations Erosion Control	EACH	1	\$ 200.00	\$ 200.00	\$ 500.00	\$ 500.00	\$ 400.00	\$ 400.00	\$ 175.00	\$ 175.00
81	Mobilizations Emergency Erosion Control	EACH	2	\$ 150.00	\$ 300.00	\$ 200.00	\$ 400.00	\$ 180.00	\$ 360.00	\$ 175.00	\$ 350.00
82	Seeding Mixture No. 40 (Madison Parks)	LB	21	\$ 8.50	\$ 178.50	\$ 20.00	\$ 420.00	\$ 15.00	\$ 315.00	\$ 16.00	\$ 336.00
83	Fertilizer Type B	CWT	1	\$ 200.00	\$ 200.00	\$ 100.00	\$ 100.00	\$ 85.00	\$ 85.00	\$ 100.00	\$ 100.00
84	Traffic Control	EACH	1	\$ 3,000.00	\$ 3,000.00	\$ 500.00	\$ 500.00	\$ 1,800.00	\$ 1,800.00	\$ 1,650.00	\$ 1,650.00
85	Water Service Lateral (1.5" copper)	LF	179	\$ 50.00	\$ 8,950.00	\$ 40.00	\$ 7,160.00	\$ 32.00	\$ 5,728.00	\$ 105.00	\$ 18,795.00
86	1.5-Inch Corporation, Curb Stop and Stand	EACH	1	\$ 1,500.00	\$ 1,500.00	\$ 900.00	\$ 900.00	\$ 720.00	\$ 720.00	\$ 1,175.00	\$ 1,175.00
87	Path Base Aggregate	SY	750	\$ 5.50	\$ 4,125.00	\$ 9.00	\$ 6,750.00	\$ 7.50	\$ 5,625.00	\$ 18.00	\$ 13,500.00
88	Sanitary Sewer Service (6" PVC SDR 35)	LF	163	\$ 100.00	\$ 16,300.00	\$ 40.00	\$ 6,520.00	\$ 32.00	\$ 5,216.00	\$ 123.00	\$ 20,049.00
89	Abandon Existing Services	EACH	2	\$ 3,500.00	\$ 7,000.00	\$ 1,800.00	\$ 3,600.00	\$ 1,580.00	\$ 3,160.00	\$ 2,275.00	\$ 4,550.00
90	Sand Beach Extension	SY	90	\$ 15.00	\$ 1,350.00	\$ 15.00	\$ 1,350.00	\$ 10.00	\$ 900.00	\$ 7.00	\$ 630.00
91	Landing	EACH	1	\$ 1,350.00	\$ 1,350.00	\$ 400.00	\$ 400.00	\$ 500.00	\$ 500.00	\$ 2,225.00	\$ 2,225.00
92	Shovel Cut Edging	LF	40	\$ 4.00	\$ 160.00	\$ 10.00	\$ 400.00	\$ 6.00	\$ 240.00	\$ 7.00	\$ 280.00
93	Shredded Hardwood Bark Mulch w/ Weed Barrier	SY	20	\$ 15.00	\$ 300.00	\$ 10.00	\$ 200.00	\$ 9.00	\$ 180.00	\$ 10.00	\$ 200.00
94	Repair Fence Connection	LS	1	\$ 1,500.00	\$ 1,500.00	\$ 200.00	\$ 200.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00
95	Demolish Existing Restroom Facility	LS	1	\$ 8,000.00	\$ 8,000.00	\$ 5,000.00	\$ 5,000.00	\$ 4,400.00	\$ 4,400.00	\$ 8,000.00	\$ 8,000.00
96	Remove Sanitary Manhole	EACH	1	\$ 1,000.00	\$ 1,000.00	\$ 500.00	\$ 500.00	\$ 400.00	\$ 400.00	\$ 1,335.00	\$ 1,335.00
97	Sanitary Lateral Clean Out	EACH	1	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 310.00	\$ 310.00	\$ 350.00	\$ 350.00
98	Safety Fence	LF	330	\$ 2.00	\$ 660.00	\$ 3.00	\$ 990.00	\$ 6.10	\$ 2,013.00	\$ 6.50	\$ 2,145.00
99	Utility Line Opening (ULO - 1 water, 1 storm, 1 gas, 1 sanitary)	EACH	4	\$ 400.00	\$ 1,600.00	\$ 500.00	\$ 2,000.00	\$ 450.00	\$ 1,800.00	\$ 700.00	\$ 2,800.00
100	Grading and Shaping Park	LS	1	\$ 3,000.00	\$ 3,000.00	\$ 5,000.00	\$ 5,000.00	\$ 3,700.00	\$ 3,700.00	\$ 5,500.00	\$ 5,500.00
101	Remove and Dispose of Existing Items Containing Asbestos	LS	1		\$ -	\$ 2,000.00	\$ 2,000.00	\$ 1,700.00	\$ 1,700.00	\$ 2,125.00	\$ 2,125.00
Subtotal Park Improvements:					\$ 146,663.50		\$ 126,873.00		\$ 109,137.00		\$ 178,166.50
Subtotal Park Site Work, 5.01 (Sediment Structures, Mechanical Dredging, Cove and Shoreline Restoration, and Park Improvements):					\$ 754,936.00		\$ 606,280.30		\$ 642,286.77		\$ 1,083,997.50

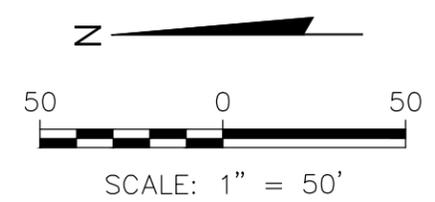
				SCS Engineers/Dorschner Opinion of Probable Cost		Apparent Low Bid					
						DRAX INC.		HARMONY CONSTRUCTION MANAGEMENT		JOE DANIELS CONSTRUCTION CO., INC.	
Bid Item Number	Item Description	Units of Measure	Estimated Quantity	Unit Cost	Total Amount	Unit Cost	Total Amount	Unit Cost	Total Amount	Unit Cost	Total Amount
5.02 BASE BID - RESTROOM FACILITY CONSTRUCTION											
General Work											
102	General Conditions (Include General Conditions for General Site Work)	LS	1		\$ -	\$ 75,000.00	\$ 75,000.00	\$ 164,312.00	\$ 164,312.00	\$ 133,661.00	\$ 133,661.00
103	Concrete	LS	1	\$ 51,932.30	\$ 51,932.30	\$ 37,000.00	\$ 37,000.00	\$ 31,175.00	\$ 31,175.00	\$ 42,278.00	\$ 42,278.00
104	Masonry	LS	1	\$ 53,699.76	\$ 53,699.76	\$ 50,000.00	\$ 50,000.00	\$ 46,598.00	\$ 46,598.00	\$ 40,688.00	\$ 40,688.00
105	Metals	LS	1	\$ 632.50	\$ 632.50	\$ 7,000.00	\$ 7,000.00	\$ 881.00	\$ 881.00	\$ 1,830.00	\$ 1,830.00
106	Wood, Plastics and Composites	LS	1	\$ 40,242.43	\$ 40,242.43	\$ 9,000.00	\$ 9,000.00	\$ 50,096.00	\$ 50,096.00	\$ 51,382.00	\$ 51,382.00
107	Thermal and Moisture Protection	LS	1	\$ 10,243.34	\$ 10,243.34	\$ 4,000.00	\$ 4,000.00	\$ 26,438.00	\$ 26,438.00	\$ 15,340.00	\$ 15,340.00
108	Openings	LS	1	\$ 16,343.80	\$ 16,343.80	\$ 10,000.00	\$ 10,000.00	\$ 11,952.00	\$ 11,952.00	\$ 12,373.00	\$ 12,373.00
109	Finishes	LS	1	\$ 15,602.38	\$ 15,602.38	\$ 7,000.00	\$ 7,000.00	\$ 12,565.00	\$ 12,565.00	\$ 13,895.00	\$ 13,895.00
110	Specialties	LS	1	\$ 8,602.00	\$ 8,602.00	\$ 16,000.00	\$ 16,000.00	\$ 4,087.00	\$ 4,087.00	\$ 9,365.00	\$ 9,365.00
Subtotal General Work:					\$ 197,298.51		\$ 215,000.00		\$ 348,104.00		\$ 320,812.00
MEP Work											
111	Plumbing	LS	1	\$ 40,480.00	\$ 40,480.00	\$ 25,000.00	\$ 25,000.00	\$ 24,235.00	\$ 24,235.00	\$ 40,635.00	\$ 40,635.00
112	Mechanical	LS	1	\$ 6,704.50	\$ 6,704.50	\$ 6,700.00	\$ 6,700.00	\$ 5,875.00	\$ 5,875.00	\$ 5,350.00	\$ 5,350.00
113	Electrical	LS	1	\$ 36,052.50	\$ 36,052.50	\$ 26,000.00	\$ 26,000.00	\$ 29,192.00	\$ 29,192.00	\$ 29,285.00	\$ 29,285.00
Subtotal MEP Work:					\$ 83,237.00		\$ 57,700.00		\$ 59,302.00		\$ 75,270.00
Building Only Site Work											
114	Earthwork	LS	1		\$ -	\$ 8,000.00	\$ 8,000.00	\$ 8,482.00	\$ 8,482.00	\$ 23,029.00	\$ 23,029.00
115	Exterior Improvements	LS	1	\$ 5,344.63	\$ 5,344.63	\$ 5,000.00	\$ 5,000.00	\$ -	\$ -	\$ 4,500.00	\$ 4,500.00
Subtotal Building Only Site Work:					\$ 5,344.63		\$ 13,000.00		\$ 8,482.00		\$ 27,529.00
Subtotal Restroom Facility, 5.02 (General, MEP, and Building Site Work combined):					\$ 285,880.14		\$ 285,700.00		\$ 415,888.00		\$ 423,611.00
PROJECT TOTAL: (Bid Tabs 5.01 and 5.02):					\$ 1,040,816.14		\$ 891,980.30		\$ 1,058,174.77		\$ 1,507,608.50



- LEGEND**
- — — — — PROPERTY LINE
 - — — — — PARCEL LINE/RIGHT-OF-WAY
 - - - - - EXISTING CONTOUR (1' INTERVAL)
 - - - - - EXISTING CONTOUR (5' INTERVAL)
 - x - x - x - EXISTING FENCE
 - - - - - EXISTING PATH
 - OU — EXISTING OVERHEAD UTILITY
 - T — EXISTING TELEPHONE
 - W — EXISTING WATER
 - — — — — EXISTING STORM SEWER
 - SA — EXISTING SANITARY SEWER
 - ⊙ EXISTING TREE
 - ⊙ EXISTING WETLAND
 - ⊙ 839 PROPOSED CONTOUR (1' INTERVAL)
 - ⊙ 840 PROPOSED CONTOUR (5' INTERVAL)
 - ▬▬▬▬▬▬ PROPOSED STORM SEWER
 - W — PROPOSED WATER
 - SA — PROPOSED SANITARY
 - ⊙ PROPOSED STORM MANHOLE
 - PROPOSED STORM INLET
 - ▬▬▬▬▬▬ PROPOSED CONCRETE PATH
 - ⊙ PROPOSED TREE
 - ▨ PROPOSED BUILDING (BY OTHERS)
 - PROPOSED LANDING
 - PROPOSED SANITARY MANHOLE
 - PROPOSED INLET PROTECTION (SEE DETAIL)
 - ▨▨▨▨▨▨ PROPOSED BEACH AREA

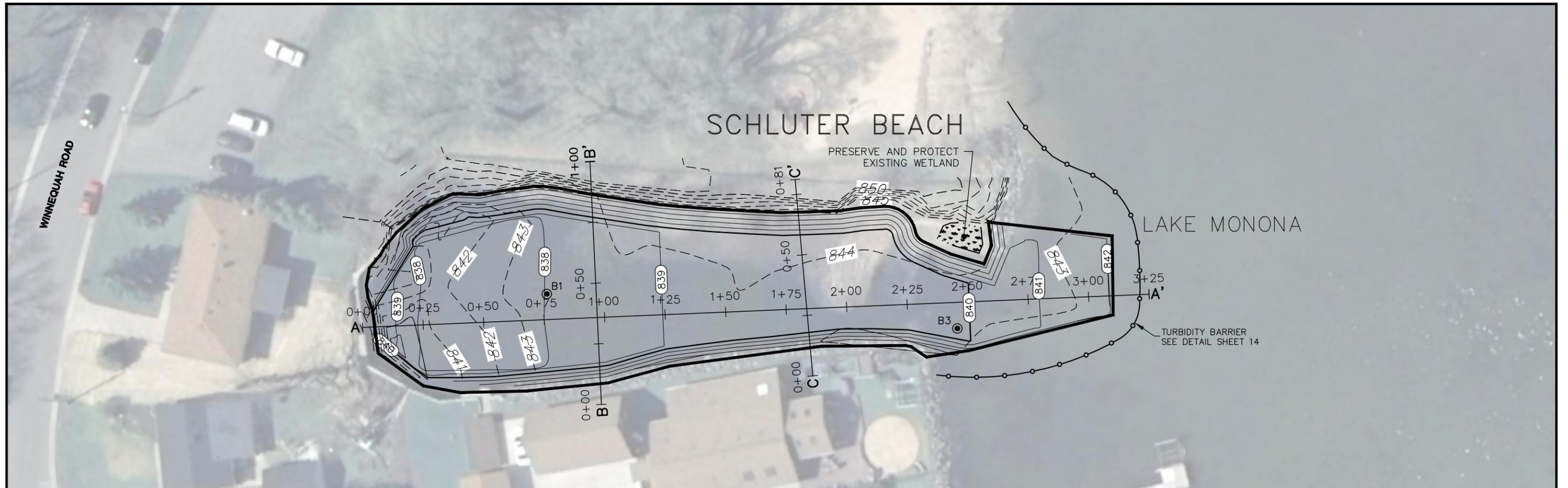
NOTES:

- SEE SHEET 3 FOR ADDITIONAL BASE MAP LEGEND.



PROJECT NO. 25213134.00	DRAWN BY: JB/KP/AHB	<p>2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830</p>	<p>CITY OF MONONA 5211 SCHLUTER ROAD MONONA, WI 53716-2598 608-222-2525</p>	CITY OF MONONA SCHLUTER BEACH IMPROVEMENT PROJECT	OVERALL PROPOSED SITE PLAN	SHEET
DRAWN: 04/08/14	CHECKED BY: JO					5
REVISED: 11/24/15	APPROVED BY:					

I:\25213134\Drawings-General\Grading & Utility Plan_.dwg, 11/24/2015 3:30:24 PM



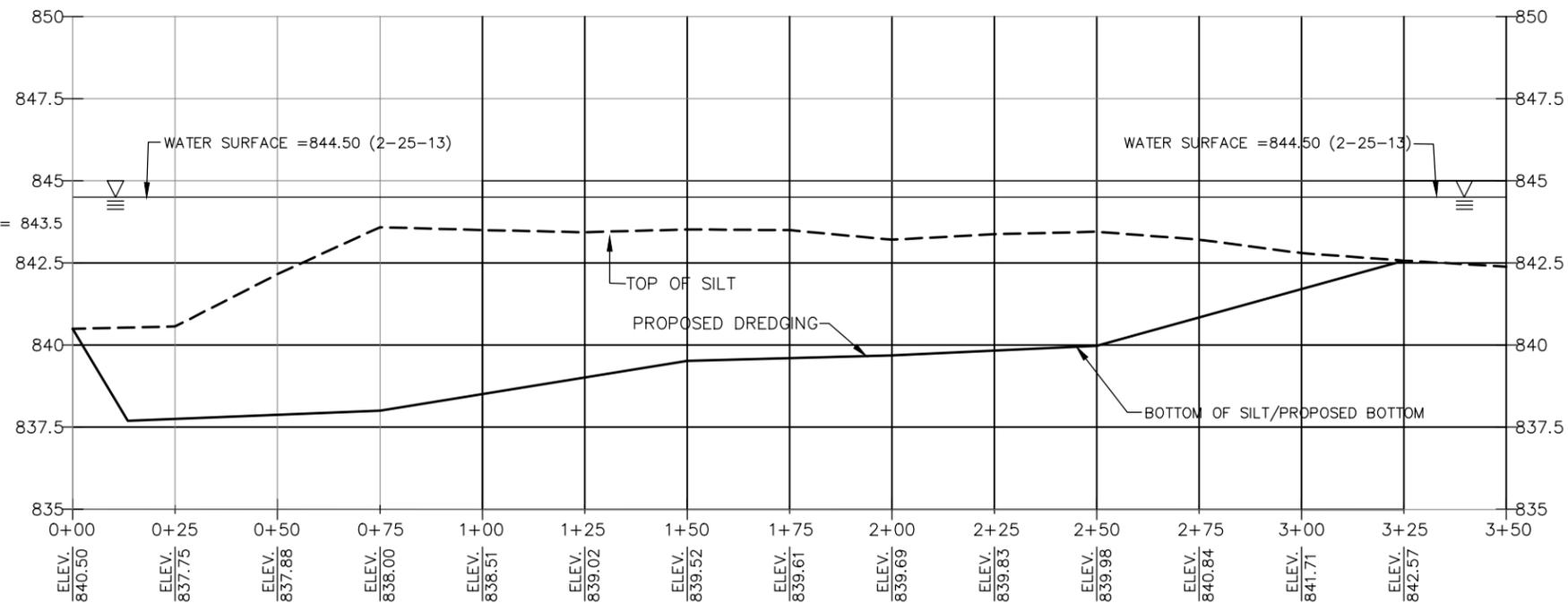
NOTE:

1. DATA PROVIDED WAS COLLECTED BY SCS ENGINEERS ON JULY 17, 2013. INFORMATION COLLECTED AND PROVIDED SHALL BE FOR REFERENCE ONLY.

LAKE MONONA TARGET WATER LEVELS:

844.7 (SUMMER MIN.)
 845.2 (TARGET MAX)
 847.7 (100-YEAR)

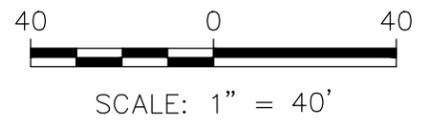
48" STORM IE = 843.5



DREDGE PLAN CROSS SECTION A-A'
 SEE DETAIL SHEET 13 FOR CROSS SECTIONS B-B' AND C-C'

LEGEND

- 843 --- EXISTING CONTOUR
- (842) --- PROPOSED CONTOUR
- ○ ○ PROPOSED TURBIDITY BARRIER
- B1 APPROXIMATE SEDIMENT SAMPLE LOCATION AND NUMBER
- PROPOSED DREDGING LIMITS



PROJECT NO. 25213134.00	DRAWN BY: BS/AHB	 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830	 CITY OF MONONA 5211 SCHLUTER ROAD MONONA, WI 53716-2598 608-222-2525	CITY OF MONONA SCHLUTER BEACH IMPROVEMENT PROJECT	SCHLUTER COVE DREDGING PLAN AND PROFILE	SHEET
DRAWN: 02/26/13	CHECKED BY: BP					9
REVISED: 01/21/16	APPROVED BY:					

MONTHLY DEPARTMENT HEAD REPORT TO COUNCIL

DEPARTMENT: Public Works & Utilities

MONTH OF: February 2016

Accomplishments:

- City staff attended the annual Diggers Hotline Safety Meeting. Discussion focused properly performing locates, and excavation safety.
- Completed snow removal operations from the February 14th snow event.
- Hauled snow from various locations throughout the City.
- Cleared snow from catch basins throughout the City.
- Recycled stockpile of old electronics.
- Completed pot hole patching the week of February 15th.
- Started the first round of street sweeping the week of February 22nd.
- Started tree trimming the week of February 22nd.
- Removed illegally deposited debris from the Ahuska Park ditch line. Debris collected in the past includes and old piano, wash machine, tires, and other junk. Staff is considering asking for approval to install a chain link fence behind the row of businesses in Pier 37.
- Refurbish concrete forms in advance of the upcoming concrete repair season.

Major Projects / Issues:

- The Schluter Beach Improvement Project bids were received on February 18th. Drax Incorporated provided the low bid.
- We received our new asphalt pot hole patching buggy on February 23rd.

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.
- Complete street sign repair for the month.
- Complete snow and ice control as needed.
- Coordinate City projects with our engineers.
- Started research and review of specifications for vehicles scheduled to be replaced in 2017.

Upcoming Objectives / Events:

- The public information meeting for the Schluter Park Improvement Project is scheduled for 6:00pm on April 13, 2016.
- Prepare 2016 road maintenance specifications and manual.
- Two staff members will be attending the annual Government Affairs Seminar in Middleton on February 25th.

Personnel:

- The department is at full staff.