

**AGENDA
STORM WATER UTILITY
COMMITTEE**

**MONDAY, FEBRUARY 20, 2012
ROOM 202
6:00 P.M.**

*Anthony Nudo, Chairman
G. John Ruffolo, Vice Chairman
Steve Bostrom*

*Patrick Juliana
Jan Michalski
Ray Misner*

A. APPROVAL OF MINUTES

A-1 Approval of minutes of regular meeting held on February 1, 2012.

C. REFERRED TO COMMITTEE

C-1 Approval of Lawn Park Bioswales for the Pennoyer Beach Outfall GLRI Grant.

C-2 Acceptance of Project 10-1208 Sidewalk & Curb/Gutter Program (Citywide Locations) which has been satisfactorily completed by AZAR, LLC, Racine, Wisconsin, in the amount of \$410,501.39. **(All Districts)**

C-3 Approval of EHU Adjustment Fee Waiver for Parcel 07-222-24-126-135.

INFORMATIONAL: Project Status Report

CITIZENS COMMENTS RELATED ONLY TO JURISDICTION OF STORMWATER UTILITY COMMITTEE

STAFF COMMENTS

ALDERMAN COMMENTS

IF YOU ARE DISABLED AND IN NEED OF ASSISTANCE CALL 653-4050 BEFORE NOON ON THE DATE INDICATED FOR THIS MEETING.

NOTICE IS HEREBY GIVEN THAT A MAJORITY OF THE MEMBERS OF THE COMMON COUNCIL MAY BE PRESENT AT THE MEETING, AND ALTHOUGH THIS MAY CONSTITUTE A QUORUM OF THE COMMON COUNCIL, THE COUNCIL WILL NOT TAKE ANY ACTION AT THIS MEETING.

STORM WATER UTILITY COMMITTEE
- MINUTES -

WEDNESDAY, FEBRUARY 1, 2012
4:30 P.M.

Anthony Nudo, Chairman
G. John Ruffolo, Vice Chairman
Steve Bostrom

Patrick Juliana
Jan Michalski
Ray Misner

The regular meeting of the Storm Water Utility Committee was held on Wednesday, February 1, 2012 in Room 202 of the Municipal Building. The following members were present: Chairman Anthony Nudo, Vice Chairman G. John Ruffolo, Aldermen Steve Bostrom and Jan Michalski. Aldermen Patrick Juliana and Ray Misner were excused. The meeting was called to order at 5:07 pm. Staff members in attendance were Mike Lemens, Shelly Billingsley, Mayor Bosman, and City Administrator, Frank Pacetti.

- A-1 Approval of minutes of regular meeting held on January 11, 2012.
It was moved by Alderman Ruffolo, seconded by Alderman Bostrom to approve. Motion passed 4-0.
- B-1 Final Report from City Administrator and Mayor on excessive overpayment for tree trimming. *(deferred from December 14, 2011 meeting)*
Mayor Bosman explained the report. Alderman Bostrom commented that he was very troubled by what took place and some of the explanations. The costs were grossly excessive and he wonders how it happened. There were no checks and balances. The Mayor responded that the city did not have six months to clean up and there were many public safety issues. If they city had not hired contractors then the clean up would have taken longer. The total amount of work and trees were done timely. Alderman Bostrom responded that \$1400 per tree was excessive and wondered how the Mayor and City Administrator can write checks and not go out for bid. Alderman Michalski asked if John's Tree Service had specialized equipment and if that was why they were hired instead of other contractors. Alderman Bostrom answered that John's Tree Service had to rent their equipment. The Mayor referred back to the report saying "use contractors". Alderman Ruffolo commented that the city already had tree contractors in place under contract. He also said he did not feel that the clean up at the golf course or Alford park should have been considered an emergency. He reminded the committee that there have been emergency's before that have come to committee such as the multi-plate and there have been emergency Council meetings to approve a liquor license but none of that happened with this emergency. He asked how did someone get a no bid contract that was not approved by Common Council. Alderman Ruffolo asked if the trees at the golf course were charged to Stormwater and City Administrator Pacetti answered no those funds were taken from the golf course budget. Alderman Nudo asked if the City Attorney reviewed the report and was told no. It was moved by Alderman Michalski to receive and file. Chairman Nudo passed the gavel and seconded the motion. After discussion, it was then moved by Alderman Ruffolo, seconded by Alderman Bostrom to defer until the committee receives an opinion back from the City Attorneys office. Motion passed 4-0.
- C-1 Disbursements for the month of December 2011.
It was moved by Alderman Ruffolo, seconded by Alderman Bostrom to receive and file. Motion passed 4-0.

- C-2 Approval of Professional Services Additional Project Survey with Ruekert-Mielke for Multi-Plate Storm Sewer Project Plan. **(Districts 2 & 7)**
Shelly Billingsley explained this will allow a survey from Washington Rd to the lake to determine the next phase of evaluation.
It was moved by Alderman Bostrom, seconded by Alderman Ruffolo to approve. Motion passed 4-0.

INFORMATIONAL:

- Fund for Lake Michigan Funding – *Chairman Nudo would like a press release announcing the funding.*
- Project Status Report

ALDERMAN COMMENTS:

Alderman Ruffolo expressed concerns about staffing in Engineering with Kevin Risch having left his position, Randy LeClaire retiring and no Public Works Director. He wanted to know what is happening with these positions because of the upcoming projects and the ability of staff to get them done. City Administrator Pacetti said Human Resources is has hired two analysts and now have a full staff. The priority has been to fill positions in the field. He said there is an aggressive approach to fill positions.

ADJOURNMENT - There being no further business to come before the Storm Water Utility Committee, it was moved, seconded and unanimously approved to adjourn the meeting at 5:35 pm.



Engineering Division
Michael M. Lemens, P.E.
Director/City Engineer
Fleet Maintenance
Mauro Lenci
Superintendent
Parks Division
Jeff Warnock
Superintendent

Street Division
John H. Prijic
Superintendent
Waste Division
Rocky Bednar
Superintendent

DEPARTMENT OF PUBLIC WORKS

Michael M. Lemens, P.E., Interim Director

Municipal Building · 625 52nd ST · RM 305 · Kenosha, WI 53140
Telephone (262) 653-4050 · Fax (262) 653-4056

February 9, 2012

To: G. John Ruffolo
Public Works Committee Chairman

Anthony Nudo, Chairman
Stormwater Utility Committee Chairman

From: Michael M. Lemens, P.E.
Interim Director of Stormwater Utility

CC: Eric Haugaard
District 1

Subject: *Approval of Lawn Park Bioswales for the Pennoyer Beach Outfall GLRI Grant*

BACKGROUND INFORMATION

As part of the Pennoyer Beach Outfall Infiltration Basin GLRI Grant project, bioswales are proposed to be constructed at 4 locations within the Pennoyer Outfall drainage area. In accordance with the policy directive from the Public Works Committee, these lawn park areas will be redesigned therefore; staff is requesting the permission of the Public Works Committee to allow for these areas to be planted with grass and native plants to meet the qualifications of a bioswale. The properties noted below are residential or commercial and meet the requirements for optimum bioswale locations.

- 4002 Sheridan Road
- 3920 Sheridan Road
- 3734 7th Avenue
- 3803 6th Avenue

Attached is an example of the bioswales we are proposing to be constructed under this contract, the plans for these bioswales and the acknowledgement of the proposal by the property owners at the below addresses is attached:

- 3734 7th Avenue
- 3803 6th Avenue

Once staff has attempted another meeting with the remaining two parcels a similar request will be presented to the Committee.

RECOMMENDATION

Recommend the approval for constructing bioswales at 3734 7th Avenue and 3803 6th Avenue in the City of Kenosha under the GLRI Grant.

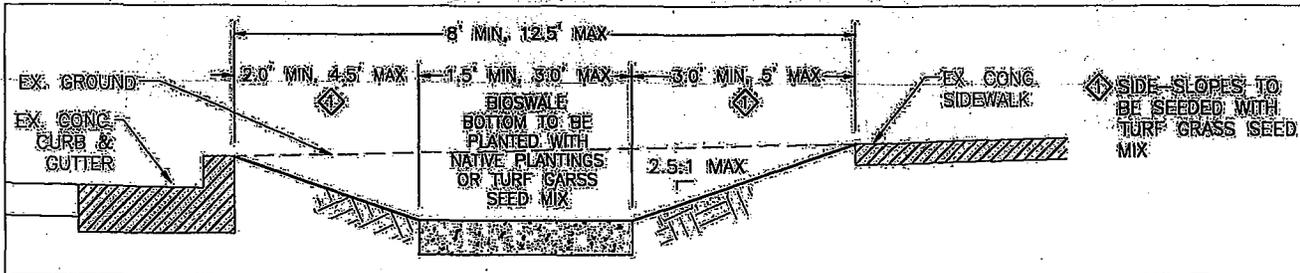
Property Owner Survey Form

Pennoyer Park Stormwater Improvement Project

January, 2012

In conjunction with the Pennoyer Park Stormwater Improvement Project, a limited number of bioswales will be constructed within the 23 acre drainage area that contributes stormwater runoff to the beach at Pennoyer Park. Bioswales are slightly depressed areas adjacent to roadways that are designed to collect stormwater runoff from the roadways, filter the runoff, and then discharge it back into the City drainage system. The bioswales will be located within City Right-Of-Way between the edge of curb and the sidewalk (see figure below). The bottom of the bioswales will be approximately 18 inches lower than the edge of the sidewalk. The side-slopes will be 2.5:1, which will allow mowing turf grass with a push-mower.

Figure – Typical Bioswale Cross-Section



The types of native plantings will be a mix of some of the plant species listed on the back of this sheet. They will be spaced approximately 12 inches apart. Their initial height will be 6 to 12 inches. The plants could grow to several feet in height.

The City of Kenosha will be responsible for the establishment and maintenance of the planting area for a year after plantings are initially completed. After the one-year establishment period, the property owner will be required to maintain the planting area, which may require weeding and trimming plants to prevent viewing obstructions for vehicles and pedestrians.

INSTRUCTIONS TO PROPERTY OWNERS

This form is being used by the City of Kenosha to determine what type of vegetation is preferred by property owners who are adjacent to the bioswales. The bottom of the bioswale will be planted with either native plantings OR turf grass. Please complete the following table, including placing an "X" next to your vegetation preference, and sign your full name.

Property Address:	3618 8th Ave, Kenosha, WI 53140	
Owner Name:	STEVEN M. BURUCKY	
Owner Signature:	<i>Steven Burucky</i>	
Bioswale Bottom Vegetation Preference:	<input checked="" type="checkbox"/> Turf Grass	<input type="checkbox"/> Native Plantings
Comments:	PENDING CURB REPLACEMENT	

If you have any questions, please contact Ms. Katie Whaples at the City of Kenosha Stormwater Utility.
 Phone (262) 653-4055 Email kwhaples@kenosha.org

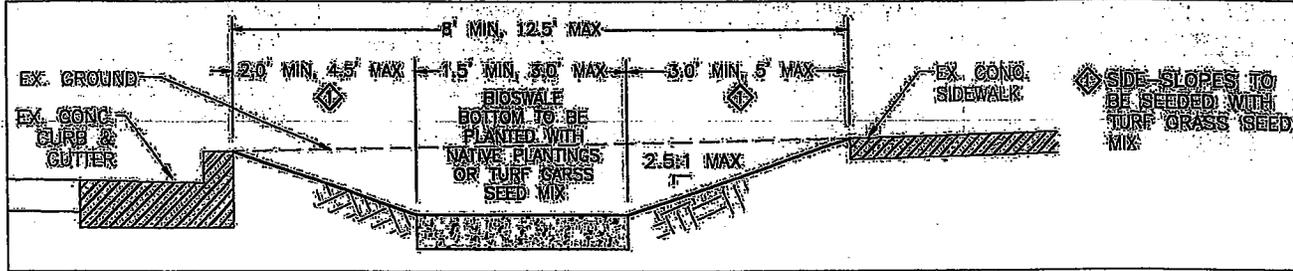
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Figure – Typical Bioswale Cross-Section



The types of native plantings will be a mix of some of the plant species listed on the back of this sheet. They will be spaced approximately 12 inches apart. Their initial height will be 6 to 12 inches. The plants could grow to several feet in height.

The City of Kenosha will be responsible for the establishment and maintenance of the planting area for a year after plantings are initially completed. After the one-year establishment period, the property owner will be required to maintain the planting area, which may require weeding and trimming plants to prevent viewing obstructions for vehicles and pedestrians. The City of Kenosha will be responsible for cleaning the bioswales of sediment to maintain their functionality as a stormwater best management practice (BMP).

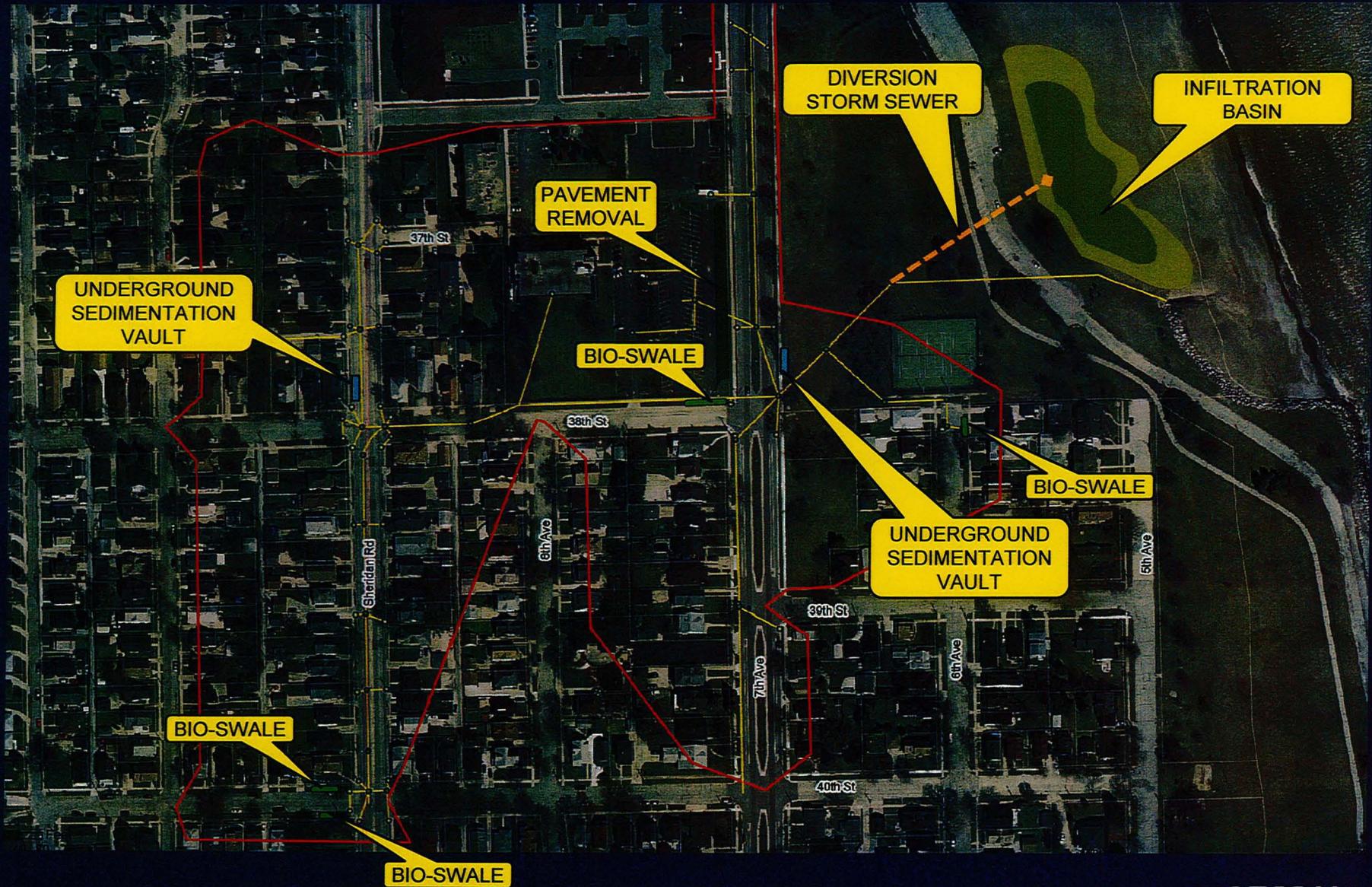
INSTRUCTIONS TO PROPERTY OWNERS

This form is being used by the City of Kenosha to inform property owners of the type of vegetation being installed in bioswales adjacent to their property. The bottom of the bioswale will be planted with native plantings with hardwood mulch bedding. Please complete the following table, including signing your name to acknowledge receiving this notification.

Property Address:	3803 - 6 th Avenue
Owner Name:	John & Gail Rohde
Owner Signature:	John C. Rohde Gail M. Rohde
Comments:	Cool! We look forward to seeing the change. Butterfly flowers!!

If you have any questions, please contact Ms. Katie Whaples at the City of Kenosha Stormwater Utility.
 Phone (262) 653-4055 Email kwhaples@kenosha.org

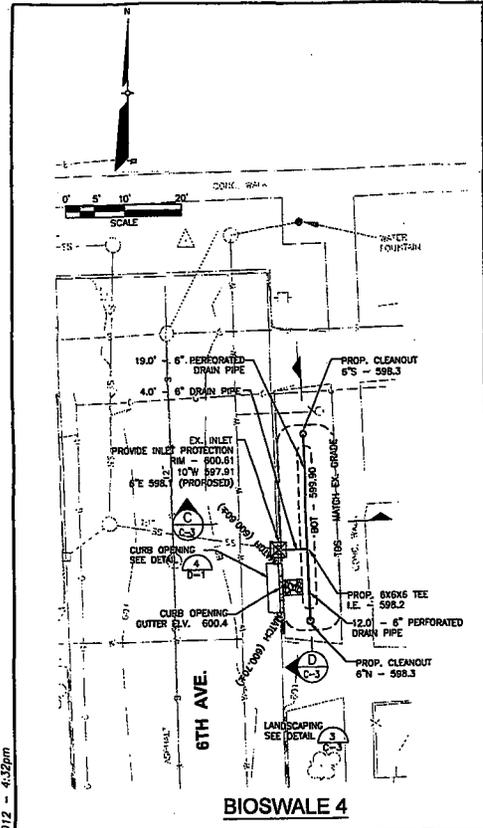
Project Overview



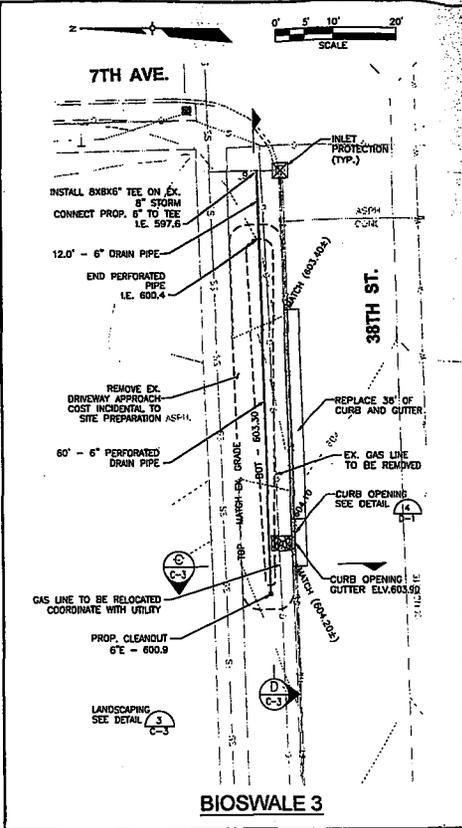
Bioswale



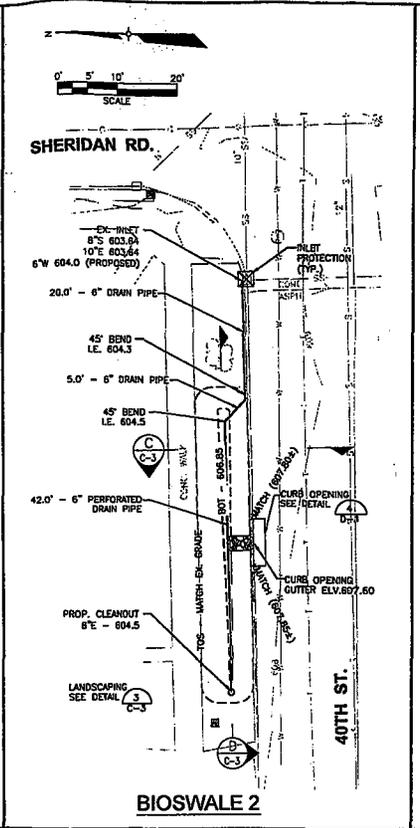
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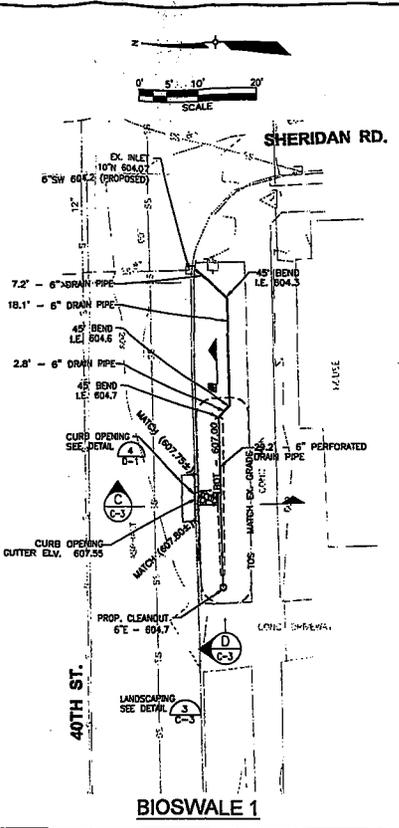
BIOSWALE 4



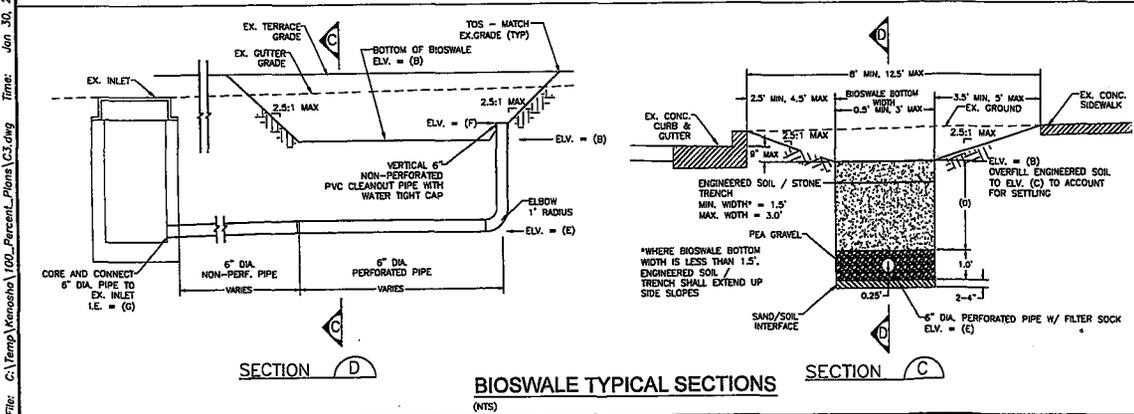
BIOSWALE 3



BIOSWALE 2



BIOSWALE 1



BIOSWALE TYPICAL SECTIONS
(NTS)

BIOSWALE CELL ELEVATIONS

(A)	(B)	(C)	(D)	(E)	(F)	(G)
BIOSWALE ID	BOTTOM ELEV.	ENGINEERED SOIL OVERFILL ELEV.	FINAL ENGINEERED SOIL DEPTH FEET	UNDERDRAIN INVERT ELEV.	CLEANOUT TOP ELEV.	EX. INLET UNDERDRAIN CONNECTION INVERT ELEV.
1	607.00	607.10	1.56	604.70	607.75	604.20
2	606.85	606.95	1.80	604.50	607.60	604.00
3	603.30	603.40	1.85	600.80	604.05	597.60
4	599.90	600.00	0.85	598.30	600.85	598.10

DETAIL 3 - BIOSWALE LANDSCAPING

NO.	REVISIONS	DATE
1	ISSUED FOR PERMITS	DEC. 2011
2	REVISED FOR COMMENTS	DEC. 2011
3	REVISED FOR COMMENTS	DEC. 2011
4	REVISED FOR COMMENTS	DEC. 2011
5	REVISED FOR COMMENTS	DEC. 2011

PREPARED BY: **AECOM**
 1020 NORTH BROADWAY MILWAUKEE, WI 53202
 T: 262-484-5711 WWW.AECOM.COM

CITY OF KENOSHA PENNOYER BEACH STORMWATER IMPROVEMENTS KENOSHA, WISCONSIN
BIOSWALES

DATE: JANUARY, 2012
 PROJECT NO: 60213575
 FILE NO: _____
 SHEET NO: 5
 DRAWING NO: C-3



Engineering Division
Michael M. Lemens, P.E.
Director/City Engineer
Fleet Maintenance
Mauro Lenci
Superintendent

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Superintendent

C-2

DEPARTMENT OF PUBLIC WORKS

Michael M. Lemens, Interim Director

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Telephone (262) 653-4050 · Fax (262) 653-4056

February 8, 2012

To: G. John Ruffolo, Chairman, Public Works Committee
Anthony Nudo, Chairman, Storm Water Utility Committee

From: Michael M. Lemens, P.E. *MML 2-8-12*
Interim Director of Public Works/City Engineer

Subject: Acceptance of Project 10-1208 Sidewalk & Curb/Gutter Program

Location: Citywide

Please be advised that the above referenced project has been satisfactorily completed by AZAR, LLC, Racine, Wisconsin. This project consisted of hazardous sidewalk, driveway approach and curb/gutter repair, installation of new sidewalk and handicapped ramps, excavation and landscaping.

It is recommended that the project be accepted in the final amount of \$410,501.39. Original contract amount was \$328,911.50 plus \$41,541.50 for contingency for sidewalk and \$70,629.85 plus \$8,917.15 for curb and gutter for a total contract amount of \$450,000. Funding was from CIP Line Items ST-93-004 and SW-93-005.

MML/kjb



STREET DIVISION
JOHN H. PRIJIC
SUPERINTENDENT

ASSISTANT CITY ENGINEER
SHELLY BILLINGSLEY, P.E.

SOIL EROSION SPECIALIST
CHRIS PAGELS

1-3

DEPARTMENT OF STORMWATER UTILITY
MICHAEL M. LEMENS, P.E., INTERIM DIRECTOR

MUNICIPAL BUILDING · 625 - 52ND ST · RM 305 · KENOSHA, WI 53140
TELEPHONE (262) 653-4050 · FAX (262) 653-4056

February 16, 2012

To: Anthony Nudo, Chairman
Stormwater Utility Committee

From: Michael M Lemens, P.E.
Interim Director of Public Works

A handwritten signature in black ink, appearing to read 'M. Lemens', is written over the 'From:' field. Below the signature, the date '2-16-12' is written.

Subject: Approval of EHU Adjustment Fee Waiver for Parcel 07-222-24-126-135

BACKGROUND INFORMATION

Staff received in inquiry in January regarding a SWU bill that was linked to a sprinkler line at 2807 21st Street. This was an incorrect link since the SWU bill should have been linked to the water bill of the occupant. Staff removed the bill from the incorrect parcel and relinked the bill to the correct occupant. Since this error was created as a result of our 2011 file creation staff is requesting that the backbilling for this bill of 128.50 be waived.

RECOMMENDATION

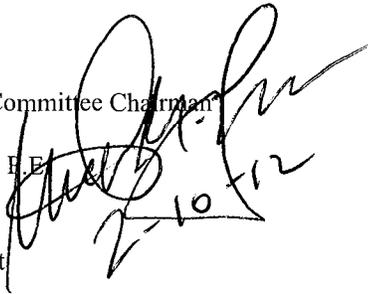
Staff is recommending the approval of the EHU Adjustment Fee Waiver for Parcel 07-222-24-126-135 in the amount of \$128.50.

February 9, 2012

TO: Anthony Nudo
Stormwater Utility Committee Chairman

FROM: Michael M. Lemens, P.E.
Interim Director

SUBJECT: Project Status Report



- Project #11-1131 –Curb and Gutter Repair** – [Marvin Gleason] The second half of the contract is completed and working on punch list items. (Citywide)
- Project #11-1133 – Windstorm C&G Replacement** – [Gleason] Work is complete except for punch list items. (Citywide)
- Project #09-1121 Forest Park Evaluation** – Staff is in the final phases of finalizing the report. A final meeting will be arranged with the Water Utility and Stormwater Utility staff to generate the last comments to the report for Strand Associates to finalize. (1)
- Project #10-1126 Wetland Mitigation Bank** – [Wetlands and Waterways Consulting LLC] The consultant has received comments from the DNR regarding the proposed plan. Changes are currently being made to the report and will be resubmitted for final comments from the DNR before the report can be finalized. (16)
- Project #10-1130 Vehicle Wash System Installation Truck Wash** – [Interclean] The punchlist on the truck wash is currently being completed. The wash is operational but training is still being conducted on the operations. (15)
- Project #10-1131 River Crossing Swale Restoration** – [Applied Ecological Services] The plans are being developed to enhance the swale which will be planted in spring if the weather is favorable. A public information meeting will be scheduled in March. (17)
- Project #11-1128 Multi-Plate Pipe Storm Sewer Inspection and Evaluation** – [Ruekert-Mielke] The consultant has gathered additional costs needed for the survey and additional data needed for completion of an alternative analysis for a permanent repair for the multi-plate system as proposed at the Feb. 1 meetings. (2 and 7)
- Project #11-1125 Pennoyer Beach Outfall Stormwater Infiltration Basin (GLRI Grant)** – [AECOM] Plans are completed and bids will be accepted on March 7th. (1)
- Project #11-1127 MacWhyte Water Quality Basin** – [Cicchini] The pond is complete but the contract will remain open until seed germination is verified in the spring. (1)
- Project #11-1135 Stormwater Management Plan Development** –Staff is currently negotiating a contract with Ruekert-Mielke and Engineering Resource Associates, Inc for the work. (citywide)
- Project #11-1137 Pike River Monitoring (WI Coastal Management Grant)** –Staff is nearing completion of a contract with the City of Racine Health Department for the monitoring and testing work associated with this grant. Upon completion of the contract it will be presented to the Committee. (1 and 4)

Design Work- Staff is working on the following projects:

Sump Pump Priorities, SWPPP Updates, Website Design, 2012 Dry Weather Screening, GPS Data Forms, 2012 EHU Changes, Miscellaneous Storm Sewer Projects, Storm Sewer Investigation for Roadway Projects, Permit Compliance, 2011 DNR Annual Report, SWU Reporting, Pollution Prevention Structures, Stormwater Management Facility Inspections, Miscellaneous Storm Sewer projects for contractor and SWU crews.