

BOARD OF PUBLIC WORKS

City of Kaukauna
Council Chambers
Municipal Services Building
144 W. Second Street, Kaukauna



Monday, August 19, 2024 at 6:00 PM

AGENDA

In-Person and Remote Teleconference via ZOOM

1. Correspondence.
2. Discussion Topics.
 - a. Recommendation for award of Project 6-24 - 1000 Islands Boardwalk Reconstruction.
 - b. Red Hills Landfill Update.
 - c. Interstate 41 Aesthetics Discussion.
 - d. Public Works Update.
3. Adjourn.

NOTICES

Notice is hereby given that a majority of the City Council will be present at the meeting of the Board of Public Works meeting scheduled for Monday, August 19, 2024 at 6:00 P.M. to gather information about a subject over which they have decision making responsibility.

IF REQUESTED THREE (3) DAYS PRIOR TO THE MEETING, A SIGN LANGUAGE INTERPRETER WILL BE MADE AVAILABLE AT NO CHARGE.



MEETING ACCESS INFORMATION:

You can access this meeting by one of three methods: from your telephone, computer, or by an app. Instructions are below.

To access the meeting by telephone:

1. Dial 1-312-626-6799
2. When prompted, enter Meeting ID 234 605 4161 followed by #
3. When prompted, enter Password 54130 followed by #

To access the meeting by computer:

1. Go to <http://www.zoom.us>
2. Click the blue link in the upper right hand side that says Join a Meeting
3. Enter Meeting ID 234 605 4161
4. Enter Password 54130
5. Allow Zoom to access your microphone or camera if you wish to speak during the meeting

To access the meeting by smartphone or tablet:

1. Download the free Zoom app to your device
2. Click the blue button that says Join a Meeting
3. Enter Meeting ID 234 605 4161
4. Enter Password 54130
5. Allow the app to access your microphone or camera if you wish to speak during the meeting

Members of the public will be muted unless there is an agenda item that allows for public comment or if a motion is made to open the floor to public comment.

City of Kaukauna
Board of Public Works
TDC/engr dept

August 19, 2024

Agenda Item #2a
6-24 – 1000 Islands Boardwalk Reconstruction

Background

The Engineering Department has reviewed and analyzed the bids from Radtke Contractors, Michels Construction, Milbach Construction, and Highway Landscapers received on August 7th, 2024 at 4:00PM for the 6-24 1000 Islands Boardwalk Reconstruction project. The Engineering Department received four bids and also created an engineer’s estimate prior to bid opening.

Review

The Engineering Department has compared the four received bids against the engineers estimate. The lowest bidder was \$78,712.45 lower than the second lowest for their total base bid, which is a good indication that the City is getting a great price to complete the work. The same two bidders were also within \$49,869.45 for the total bid of both Unit A and B, which continues to show the competition and great pricing. The engineer’s estimate is compiled utilizing the proposed budget for the project. The lowest bid was \$1,085.45 lower than the Engineer’s estimate, which again shows how great the pricing is for this work and falls within budgeted costs. Attached are comparison files showing the pricing differences between the four received bids and between the engineer estimate and low bidder.

Recommended Action

Award Project 6-24 – 1000 Islands Boardwalk Reconstruction to Radtke Contractors, Winneconne, WI for both units A and B, a total amount of \$399,819.55.

CITY OF KAUKAUNA
PROJECT 6-24 - 1000 ISLANDS BOARDWALK RECONSTRUCTION
1000 ISLANDS CONSERVANCY

BASE BID UNIT A - PHASE 1 BOARDWALK RECONSTRUCTION				ENGINEER ESTIMATE		RADTKE CONTRACTORS		MICHELS CONSTRUCTION		MILBACH CONSTRUCTION		HIGHWAY LANDSCAPERS	
ITEM	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
A1	Furnish and install all required materials to construct new boardwalk, 1364 lineal feet, more or less, all complete for:	1,364	LF	\$125.00	\$170,500.00	\$150.00	\$204,600.00	\$153.00	\$208,692.00	\$188.17	\$256,663.88	\$215.00	\$293,260.00
A2	Furnish mobilization/demobilization of all needed equipment, all complete for:	1	LS	\$20,000.00	\$20,000.00	\$13,277.05	\$13,277.05	\$68,750.00	\$68,750.00	\$26,410.00	\$26,410.00	\$75,000.00	\$75,000.00
A3	Furnish and install boardwalk railings, 800 lineal feet, more or less, all complete for:	800	LF	\$35.00	\$28,000.00	\$20.00	\$16,000.00	\$27.00	\$21,600.00	\$62.48	\$49,984.00	\$71.50	\$57,200.00
A4	Furnish and install restoration for all disturbed areas, 1 Lump Sum, all complete for:	1	LS	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00	\$2,300.00	\$2,300.00	\$5,531.50	\$5,531.50	\$4,500.00	\$4,500.00
A5	Furnish and install erosion control for trail reconstruction, 1 Lump Sum, all complete for:	1	LS	\$5,000.00	\$5,000.00	\$1,400.00	\$1,400.00	\$1,725.00	\$1,725.00	\$3,305.00	\$3,305.00	\$7,500.00	\$7,500.00
A6	Furnish and install all required materials to construct 12'x6' Bump-out areas along new boardwalk trail for benches, 5 Each, more or less, all complete for:	5	EA	\$1,500.00	\$7,500.00	\$1,500.00	\$7,500.00	\$3,100.00	\$15,500.00	\$4,058.10	\$20,290.50	\$5,760.00	\$28,800.00
A7	Furnish and install clearing and grubbing, 1 Lump Sum, all complete for:	1	LS	\$10,000.00	\$10,000.00	\$1,500.00	\$1,500.00	\$7,310.00	\$7,310.00	\$3,870.00	\$3,870.00	\$19,000.00	\$19,000.00
A8	Furnish and install materials to remove trees, 75 Inch Diameter, more or less, all complete for:	75	ID	\$50.00	\$3,750.00	\$18.50	\$1,387.50	\$20.00	\$1,500.00	\$33.72	\$2,529.00	\$100.00	\$7,500.00
				TOTAL	\$249,750.00	UNIT TOTAL	\$248,664.55	UNIT TOTAL	\$327,377.00	UNIT TOTAL	\$368,583.88	UNIT TOTAL	\$492,760.00

ALTERNATE BID UNIT B - PHASE 2 ADDITIONAL BOARDWALK RECONSTRUCTION				ENGINEER ESTIMATE		RADTKE CONTRACTORS		MICHELS CONSTRUCTION		MILBACH CONSTRUCTION		HIGHWAY LANDSCAPERS	
ITEM	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
B1	Furnish and install all required materials to construct new boardwalk, 922 lineal feet, more or less, all complete for:	922	LF	\$125.00	\$115,250.00	\$150.00	\$138,300.00	\$111.00	\$102,342.00	\$188.17	\$173,492.74	\$215.00	\$198,230.00
B2	Furnish and install boardwalk railings, 100 lineal feet, more or less, all complete for:	100	LF	\$35.00	\$3,500.00	\$20.00	\$2,000.00	\$45.00	\$4,500.00	\$62.48	\$6,248.00	\$71.50	\$7,150.00
B3	Furnish and install restoration for all disturbed areas, 1 Lump Sum, all complete for:	1	LS	\$5,000.00	\$5,000.00	\$2,250.00	\$2,250.00	\$100.00	\$100.00	\$4,215.00	\$4,215.00	\$3,500.00	\$3,500.00
B4	Furnish and install erosion control for trail reconstruction, 1 Lump Sum, all complete for:	1	LS	\$5,000.00	\$5,000.00	\$800.00	\$800.00	\$575.00	\$575.00	\$2,530.00	\$2,530.00	\$7,500.00	\$7,500.00
B5	Furnish and install all required materials to construct 12'x6' Bump-out areas along new boardwalk trail for benches, 4 Each, more or less, all complete for:	4	EA	\$1,500.00	\$6,000.00	\$1,500.00	\$6,000.00	\$3,100.00	\$12,400.00	\$4,058.10	\$16,232.40	\$5,760.00	\$23,040.00
B6	Furnish and install clearing and grubbing, 1 Lump Sum, all complete for:	1	LS	\$10,000.00	\$10,000.00	\$1,250.00	\$1,250.00	\$1,705.00	\$1,705.00	\$2,530.00	\$2,530.00	\$14,000.00	\$14,000.00
B7	Furnish and install materials to remove trees, 30 Inch Diameter, more or less, all complete for:	30	ID	\$50.00	\$1,500.00	\$18.50	\$555.00	\$23.00	\$690.00	\$33.72	\$1,011.60	\$100.00	\$3,000.00
				TOTAL	\$146,250.00	UNIT TOTAL	\$151,155.00	UNIT TOTAL	\$122,312.00	UNIT TOTAL	\$206,259.74	UNIT TOTAL	\$256,420.00

TOTAL A & B	\$396,000.00	TOTAL A & B	\$399,819.55	TOTAL A & B	\$449,689.00	TOTAL A & B	\$574,843.62	TOTAL A & B	\$749,180.00
------------------------	---------------------	------------------------	---------------------	------------------------	---------------------	------------------------	---------------------	------------------------	---------------------

Red Hills Landfill Update

August 2024

General Overview

Ahlstrom is continually monitoring and reviewing the program and parameters at the landfill to reduce odors.

This area has received more precipitation during 2024 than 2023, especially during the months where we expect to be drier and have increased evaporation. That has not been the case for 2024.

Chart below is National Weather Service-Weather.gov

Monthly Total Precipitation for APPLETON, WI
Click column heading to sort ascending, click again to sort descending.

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
2023	1.42	2.81	3.70	3.48	1.81	3.73	2.87	5.13	1.48	4.77	2.30	1.33	32.83
2024	1.94	0.44	2.57	4.03	5.32	7.01	6.15	M	M	M	M	M	M

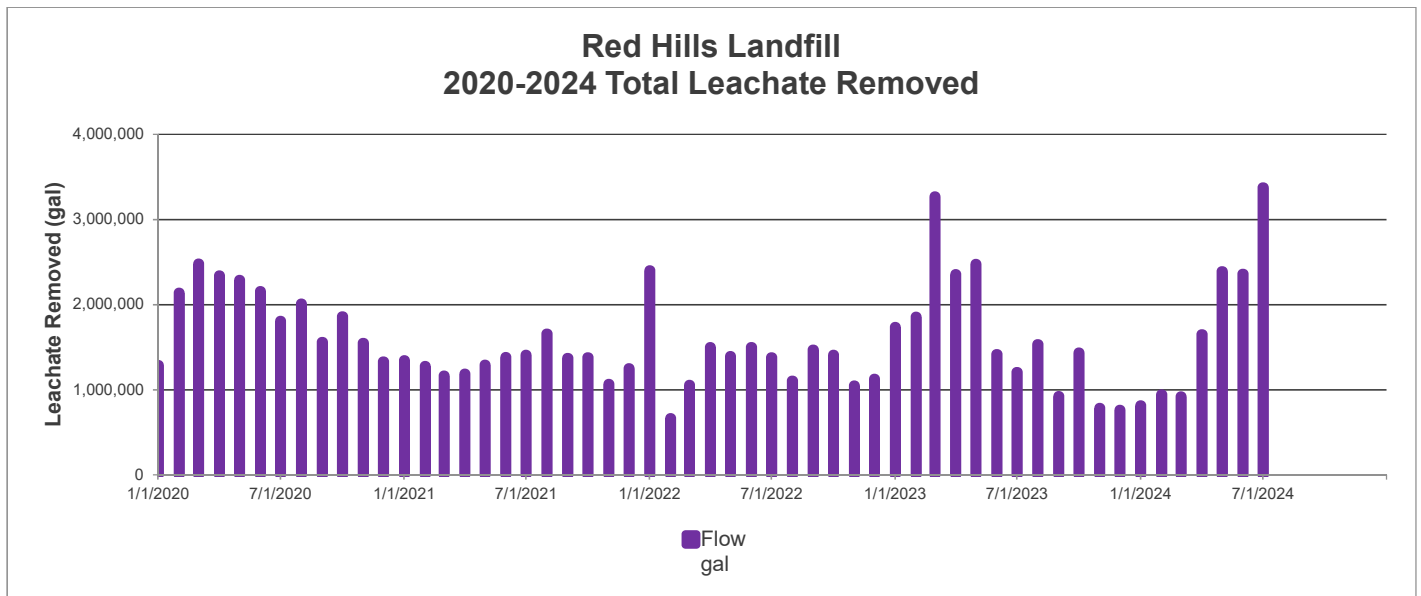
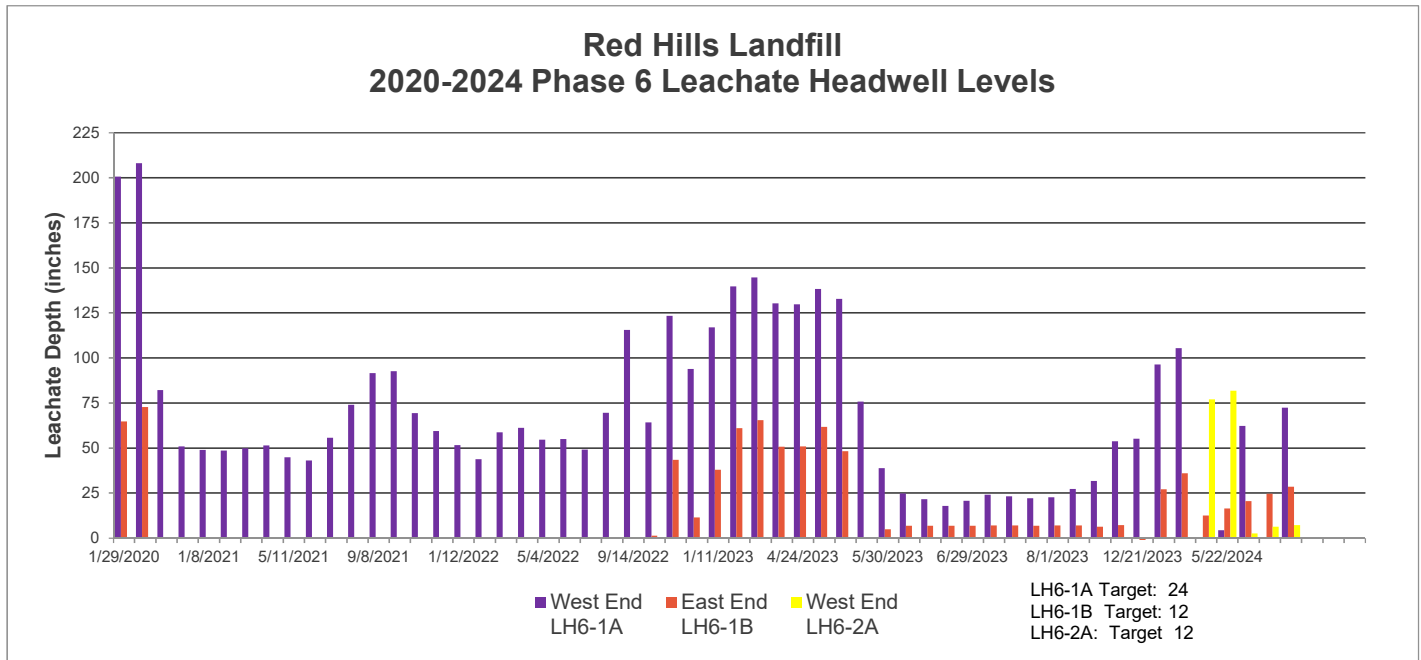
The driving rains this summer have disturbed the cells. Some areas of the landfill are too wet to safely maneuver equipment onto, preventing the coverage of material in those areas.

Ahlstrom purchased a tanker to help remove standing water at Red Hills. From April through July – 824,000 gallons removed. Utilizing the tanker truck to remove standing leachate may also be contributing to the odor by drawing down the fluid covered areas and exposing materials to the air. In the long run, the removal of the standing leachate by tanker can allow the cell to crust over and eliminate the anoxic scenario that causes the odor.



Leachate Levels & Flow

The graph below shows the historical leachate levels for Phase 6 Sequence 1 and 2. The levels did climb over the Winter, but they have been brought down and kept under control this Summer. The bottom graph shows the total leachate removed by month. The last three months have been much higher than the historical average.



Ahlstrom has been proactive on checking leachate lines by increasing the frequency of jetting to every other month, April, June and August. This was done to ensure that the most leachate can be moved efficiently through to the city.

Cell Condition

Phase 6, Sequence 1A - West Module looking south



Phase 6, Sequence 1C -East Module looking north – beginning to crust over again



Phase 6, Sequence 1B -Center Module looking north



PROJECT AESTHETICS: Bridges and Retaining Walls

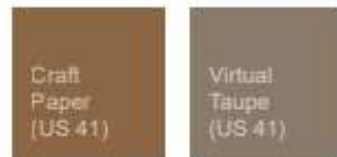
I-41 Project | Outagamie and Brown Counties, Wisconsin



COLOR MIX #1:

US 41

Colors based off of those used on US 41.



AMS STANDARD 595A EQUIVALENT:



BRIDGE #1



ROAD NAME BLOCK



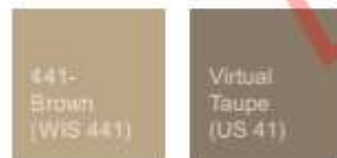
RETAINING WALL #1



COLOR MIX #2:

41+441

Colors based off of US 41 and WIS 441.



AMS STANDARD 595A EQUIVALENT:



BRIDGE #2



ROAD NAME BLOCK



RETAINING WALL #2



PROJECT AESTHETICS: Noise Barriers

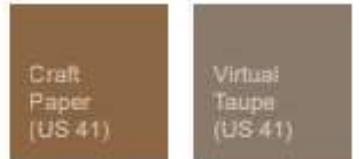
I-41 Project | Outagamie and Brown Counties, Wisconsin



COLOR MIX #1:

US 41

Colors based off of those used on US 41.



AMS STANDARD 595A EQUIVALENT:



BASKET WEAVE NOISE BARRIER #1



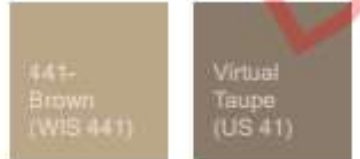
ASHLAR NOISE BARRIER #1



COLOR MIX #2:

41+441

Colors based off of US 41 and WIS 441.



AMS STANDARD 595A EQUIVALENT:



BASKET WEAVE NOISE BARRIER #2



ASHLAR NOISE BARRIER #2

