

Gregg
Miller
Nash
Suma
Wiley

REVISED
CLINTON RIVER SPILLWAY
INTER-COUNTY DRAINAGE BOARD
SEPTEMBER 27, 2017
10:00 a.m.
AGENDA

	<u>Page</u>
1. Call meeting to order and roll call	
2. Approval of Agenda	
3. Public participation	
4. Approval of minutes of meeting of August 23, 2017	3
5. Consideration of approval of invoices:	7
See attached spreadsheet	
6. NOAA Habitat Restoration Grant Update – Hubbell, Roth & Clark	8
7. EPA Habitat Restoration Grant Update – Hubbell, Roth & Clark	
8. Financial Update – Bruce Manning	13
9. Old Business	
10. New Business	
11. Adjourn	

CLINTON RIVER SPILLWAY



Drain Length (Feet/Miles):
11,242 / 2.13

Legend

- Open Channel
- Clinton River Spillway

A meeting of the Inter-County Drainage Board for the **CLINTON RIVER SPILLWAY DRAIN** was held in the Office of the Macomb County Public Works Commissioner, 21777 Dunham Road, Clinton Township, Michigan on August 23, 2017.

PRESENT: Michael Gregg, Chairman
Michigan Department of Agriculture & Rural Development

Candice S. Miller, Secretary
Macomb County Public Works Commissioner

Steve Korth, P.E., Member
Office of Oakland County Water Resources Commissioner

Joe Suma, Member
Lapeer County Drain Commissioner

ASSENT: Robert Wiley, Member
St. Clair County Drain Commissioner

ALSO PRESENT: Brian Baker, Chief Deputy, Keith Graboske, P.E., Chief Engineer, Tamara Keskeny, Real Property Manager, Bruce Manning, Financial Manager, Tom Stockel, Construction Manager, Lara Sucharski, Supervisor, Soil Erosion Control, Madison Tanghe, Senior Secretary, Office of Macomb County Public Works Commissioner; Sydney Kanan, Graduate Engineer, Gordon Wilson, P.E., Anderson, Eckstein and Westrick, Inc. (AEW); Albert Mickalich, P.E., Hubbell, Roth & Clark, Inc. (HRC); Cassie Lovall, National Oceanic and Atmospheric Administration (NOAA)

The Chairman called the meeting to order at 10:06 a.m.

A motion was made by Ms. Miller, supported by Mr. Suma and unanimously carried to approve the agenda as presented.

Mr. Graboske will add vehicle intrusion concerns at the Spillway under new business.

A motion was made by Mr. Gregg to add Mr. Graboske's amendment to the agenda under new business and approve the amended agenda.

AYES: Gregg, Miller, Korth and Suma

NAYS: None

Motion approved.

The meeting was open to the public participation, then closed, there being no comments from the public.

The minutes of the meeting of July 26, 2017 were presented. A motion was made by Mr. Suma, supported by Mr. Korth and unanimously carried to approve the minutes as presented.

The Chairman presented the invoices totaling \$128,207.68 as provided to the board for review and approval.

Motion was made by Mr. Suma, supported by Mr. Korth to approve the invoices as presented.

AYES: Suma, Korth, Miller and Gregg

NAYS: None

Motion approved.

Mr. Mickalich, HRC updated the Board on the NOAA and EPA grant projects. Mr. Mickalich, Ms. Miller and Ms. Sucharski had met with the owner of Harbor Club complex along the south side of the spillway, east of Jefferson to clear up any misunderstandings and rectify the planting plan. Nothing to exceed 3 feet of elevation will be planted along the bank to affect the view.

Regarding the ongoing issues with vegetation, Mr. Mickalich has met with the contractor many times to discuss the watering of the sites of groundcover which have improved. The cooler season will also help. Seed is there, some supplemental seeding will be needed to many areas, but areas where there has been water (North of Spillway east of Jefferson) have improved, as well as the Fishing pier at Harper. The Jefferson site was a concern with fishermen walking along the top of the banks. Five (5) stone walkways off the path were designed to make specific points where the fishermen could fish off the banks without ruining any vegetation. Within the next few weeks they will plant larger diameter trees to discourage walking across the top of the bank.

Mr. Gregg asked if there is any signage. Signage will be installed once the park opens. First priority is to get the vegetation finalized so the park can be reopened. Some areas where heavy matting has been put down to prevent erosion has slow vegetation growth. Ms. Sucharski spoke of using coir matting vs. straw which may be too thick to allow the seed to grow as fast as it should.

Ms. Miller tentatively plans a press conference out at the site, September 27, 2017 with Commissioners and Board members to attend.

Mr. Mickalich stated that Cardno, the invasive species contractor, is already seeing sprouts coming up. They are scheduled to come back out to treat the phragmites the first or second week in September. All earth work is complete.

Ms. Miller suggested the south side of the Spillway between Harper and Gratiot adjacent to the bike path as a location to add additional pools as a further way of improving the project. Ms. Lovall will look into and provide information on how to obtain extra grant funds.

A motion to receive and file Hubbell, Roth & Clark's report was made by Mr. Suma, supported by Mr. Korth.

AYES: Suma, Korth, Miller and Gregg

NAYS: None

Motion approved.

The Sheffield property appraisals have been received. Next step is getting the two parcels of land surveyed. Spalding DeDecker came in at lowest bid price to complete the property surveying. They now have 30 days to get us the survey. All options will be presented at the next board meeting.

A motion to receive and file Sheffield property's report was made by Mr. Korth, supported by Mr. Suma.

AYES: Korth, Suma, Miller and Gregg

NAYS: None

Motion approved.

A trial balance sheet was presented to the board for review. There is an O&M balance of \$258,210.00.

A motion to receive and file the Clinton River Spillway Trial Balance, dated October 1, 2016 – July 31, 2017 as submitted was made by Mr. Korth, supported by Mr. Suma.

AYES: Korth, Suma, Miller and Gregg

NAYS: None

Motion approved.

Mr. Graboske provided a report on vehicle intrusions from possible ATV's or automobiles off of Union Lake Road on the north side of the Spillway. Vegetation had been beaten down but not torn up and there were no witnesses. Macomb County Public Works Office has not receive any complaint phone calls from the adjoining property owners. Mr. Graboske suggested finishing off an existing fence leaving a narrow opening large enough for only pedestrian to access the grounds. Mr. Gregg suggested simple signage. Mr. Korth will provide a copy of the Red Run signage for the next meeting. Board will investigate any legal right to access the Spillway property from the road and monitor the circumstances if it becomes more of an issue.

A motion to receive and file the report was made by Ms. Miller, supported by Mr. Suma.

AYES: Miller, Suma, Korth and Gregg

NAYS: None

Motion approved.

Mr. Korth spoke of the possible need for insurance with the increased public draw and fishing pier. It is to be determined if the municipality covers the insurance or if we need to have addendum to the existing agreement with the municipalities. It's possible we have government immunity. Mr. Baker will meet with the county's broker, and Mr. Korth will meet with Meadowbrook and then the two will compare numbers. First priority is a legal review on possible liability issues, the next is insurance options.

A motion to receive and file the insurance information was made by Mr. Korth, supported by Mr. Suma.

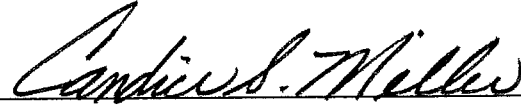
AYES: Korth, Suma, Miller and Gregg

NAYS: None

Motion approved.

The next meeting was scheduled for September 27, 2017.

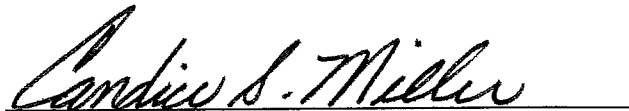
There being no further business coming before the Board, the meeting was adjourned at 10:54 a.m. by Mr. Gregg on a motion by Mr. Korth, supported by Mr. Suma.



Candice S. Miller, Secretary
Clinton River Spillway Inter-County Drainage Board

STATE OF MICHIGAN
COUNTY OF MACOMB

I certify that the foregoing is a true and correct copy of proceedings taken by the Inter-County Drainage Board for the Drainage District shown on the attached set of Minutes, on August 23, 2017. The original of which is on file in the Public Works Commissioner's Office. Public notice of the meeting was given pursuant to Act No. 267, Public Acts of Michigan, 1975, including, in the case of a special or rescheduled meeting or a meeting secured for more than 36 hours, notice by posting at least 18 hours prior to the time set for the meeting.



Candice Miller, Secretary
Clinton River Spillway Inter-County Drainage Board

DATED: 8/24/17

CLINTON RIVER SPILLWAY - 9/27/17

<u>Funding Source</u>	<u>Apportionment</u>	<u>Manager</u>	<u>Vendor</u>	<u>Amount</u>	<u>Invoice Detail</u>	<u>Project Summary</u>	<u>Project Balance</u>
Clinton River Spillway	Chapter 21 NOAA Grant	Graboske Slanec Slanec	Hubbell, Roth & Clark, Inc.	\$ 5,770.50	Invoice # 0148729 - 12/20/16 Engineering Services - ending 12/17/16	Habitat Restoration Oversight	
			Ultimate Lawn Service	\$ 980.00	Invoice #3772 - 8/16/17	Mowing of drain	
			Ultimate Lawn Service	\$ 1,960.00	Invoice #3785 - 9/1/17	Mowing of drain	
Total				\$ 8,710.50			

8923.bd

PRINCIPALS

Daniel W. Mitchell

Nancy M. D. Faught

Keith D. McCormack

Jesse B. VanDeCreek

Roland N. Alix

Michael C. MacDonald

James F. Burton

Charles E. Hart

SENIOR ASSOCIATES

Gary J. Tressel

Randal L. Ford

William R. Davis

Dennis J. Benoit

Robert F. DeFrain

Thomas D. LaCross

Albert P. Mickalich

Timothy H. Sullivan

Thomas G. Maxwell

ASSOCIATES

Marvin A. Olane

Marshall J. Grazioli

Donna M. Martin

Colleen L. Hill-Stramsak

Bradley W. Shepler

Karyn M. Stickel

Jane M. Graham

Todd J. Sneathen

Aaron A. Uranga

Salvatore Conigliaro

Spillway:

September 22, 2017

NOAA:

- The project budget was forwarded to Cassie Lovall at NOAA along with an outline of the post-monitoring and a list of priorities outstanding. (see attached)

NOAA & EPA:

- Anglin Civil continues to irrigate and re-seed the Jefferson, harper Fishing Pier and the most recent off-line pool area. The area ground cover is improving.
- Cardno will be finished with the re-treatment of the invasive vegetation the week of September 25, 2017.
- Replacement of bare-root trees and shrubs shall begin in the spring of 2018.
- NOAA Habitat area east of Harper planting shrubs will begin in the spring of 2018.
- Anglin has scheduled additional trees to be planted along the top of the bank east of Jefferson north side of the Spillway for this fall.
- Anglin has scheduled the planting of the maximum height of three (3) foot shrubs along the bank East of Jefferson , south side for this fall.

Albert Mickalich
Senior Associate

Project Manager

Priority Task for Remainder of the Award

Jefferson

Invasive vegetation treatment, Treatment repeated September 2018-Entire Project Area
East

North:

- Trees planted
- Replace dead shrubs and bare root trees
- Continue to irrigate and supplement ground cover and seed

South:

- Shrub plugs to be planted
- Continue to improve ground cover

West

North:

- Replace dead shrubs and bare root trees
- Continue to irrigate and supplement ground cover and seed

MetroParkway

- Continue to supplement seeding
- Replace dead shrubs and bare root trees

Fishing Pier

- Continue to supplement seeding
- Trees and shrubs to be planted

Additional Habitat Area:

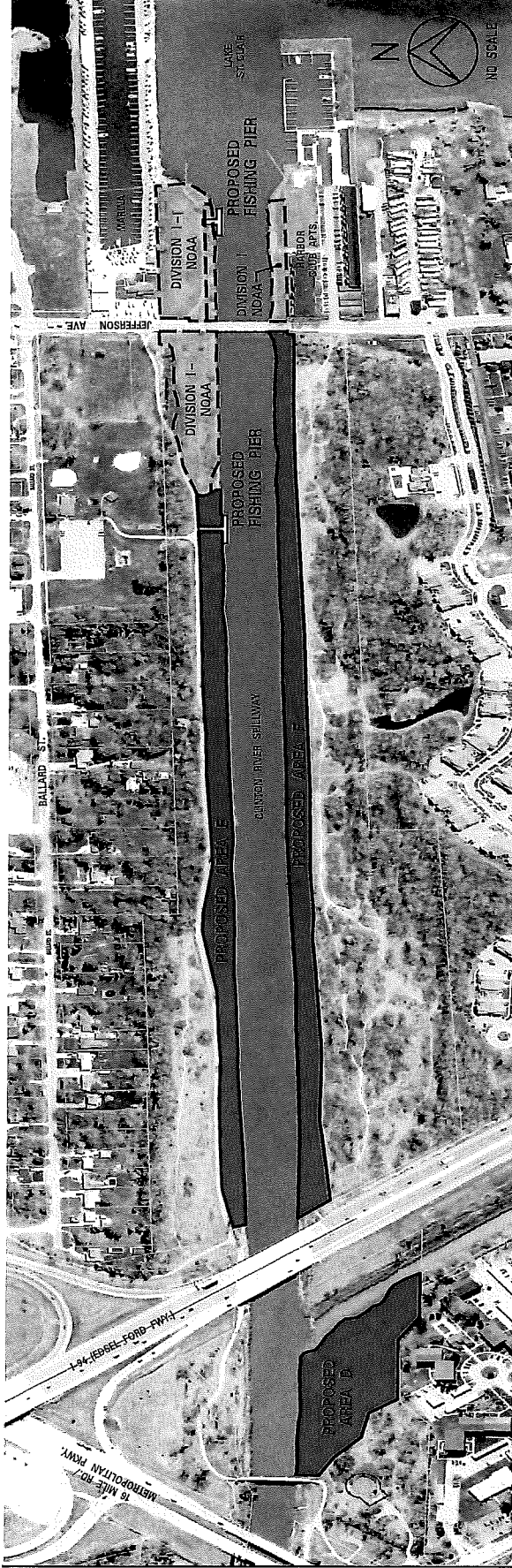
- Trees and shrubs planted

Clinton River Spillway- Grant Award \$2,511,800.00												
Project	Funding Source	Construction Engineering Budget	Construction Engineering Budget (Expended)	Construction Engineering Budget Remaining	Contractor	Construction Budget (Committed)	Construction Budget (Expended)	Construction Budget Remaining	Post Construction Task	Grant Amount (Total)	Grant Amount (Expended)	
Clinton River Spillway	NOAA	HRC	\$361,000.00	\$351,352.89	\$9,647.11			\$9,647.11				
		Sub-Cont				Cardno	\$457,275.00	\$397,893.97	\$152,155.92			
		Sub-Cont				Anglin	\$1,624,985.22	\$1,371,289.69	\$253,695.53			
		Post-Monitoring								\$30,000.00		
		Total		\$361,000.00	\$351,352.89			\$2,082,260.22	\$1,769,183.66		\$415,498.56	
										\$2,511,800.00	\$2,120,536.55	

Spillway Monitoring

Description	QAPP	Pre	Post		Responsible Party	Estimate of cost	Completed	2018
			Spring	Fall				
Benthic Macroinvertebrates	X	X	X		CRWC	2,500.00	X	
Quality Habitat Assessment	X	X			CRWC	2,500.00	X	
Amphibians (frog and toad survey)	X	X			CRWC	2,000.00	X	
Kayak Based Biological Survey (turtles, mammals, birds)	X	X			CRWC	3,500.00	X	
Invasive Species Survey					CRWC	2,500.00	X	
Riparian Vegetation Survey	X	X	X	X	CRWC(Possibly)	3,000.00		X
Submerged Aquatic Vegetation -off-line pools only			X		TBD	4,000.00		X
Fish			X	X	Advanced Ecological, Inc.	10,000.00		X
					Total	30,000.00		

MATCH LINE SEE PLAN BELOW



MATCH LINE SEE PLAN ABOVE



**CLINTON RIVER SPILLWAY HABITAT RESTORATION
PROPOSED WORK AREAS**

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YTD Trial Balance

Fund: Clinton River Spillway

As of Fiscal Period: Oct 1, 2016-August 31, 2017

	O&M Balance 9/30/2016	O&M	TOTAL 8/31/2017
Cash - Operating	337,720	(80,436)	257,284
Accounts Receivable			0
Assets			0
Liabilities			0
Revenues		760	760
Expenditures		81,197	81,197
Equity	337,720		257,284

NOTES

Remaining balance-NOAA Grant

508,827

Remaining balance-EPA Grant

3,161,686

Both grants require no match