

Gregg
Miller
Nash
Suma
Wiley

CLINTON RIVER SPILLWAY
INTER-COUNTY DRAINAGE BOARD
MAY 24, 2017
10:00 a.m.
AGENDA

1. Call meeting to order and roll call
2. Approval of Agenda
3. Public participation
4. Approval of minutes of meeting of April 26, 2017
5. Follow Up to Dana Dugger's Site Walk – Lynne Seymour
6. NOAA Habitat Restoration Grant Update
7. EPA Habitat Restoration Grant Update
8. Sinkhole – Murdock Ballard Drain
9. Financial Update – Bruce Manning
10. Old Business
11. New Business
12. Adjourn

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 April 26, 2017.

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

Candice Miller, Secretary
Macomb County Public Works Commissioner

Jim Nash, Member
Oakland County Water Resources Commissioner

Robert Wiley, Member
St. Clair County Drain Commissioner

ABSENT: Joe Suma, Member
Lapeer County Drain Commissioner

ALSO PRESENT: Brian Baker, Chief Deputy, Karen Czernel, Deputy, Keith Graboske, P.E., Chief Engineer, Dan Heaton, Public Relations Manager, Bruce Manning, Acting Financial Manager, Lynne Seymour, P.E., Environmental Engineer, Barbara Delecke, Administrative Services, Office of Macomb County Public Works Commissioner; Steve Korth, Manager, Anne Vaara, Chief Deputy, Office of Oakland County Water Resources Commissioner; Jamie Burton, P.E., Albert Mickalich, P.E., Hubbell, Roth & Clark, Inc.; Gordon Wilson, P.E., Sydney Kanan, Graduate Engineer, Anderson, Eckstein & Westrick (AEW)

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

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

The minutes of the meeting of March 29, 2017 were presented. A motion was made by Mr. Nash, supported by Ms. Miller and unanimously carried to approve the minutes as presented.

The Chairman presented the invoices totaling \$2,260.60 as provided to the board for review and approval.

Motion was made by Ms. Miller, supported by Mr. Wiley to approve the invoices as presented.

AYES: Miller, Wiley, Nash and Gregg

NAYS: None

Motion approved.

Dana Dugger, an interested citizen of the Spillway, attended the March 29, 2017 meeting. Mr. Dugger posed several questions and three comments to the Board. Ms. Seymour addressed issues not covered by Hubbell, Roth & Clark's (HRC) presentation or general comments through email. Mr. Mickalich and Ms. Seymour will schedule a site walk of the Clinton River Spillway with Mr. Dugger in the near future. Issues including a bridge crossing over the Spillway and parking along Wellington Crescent are township issues. Ms. Seymour is working to alleviate some of Mr. Dugger's concerns as appropriate. Ms. Miller spoke about educational videos that have been posted to the Macomb County Public Works Office Facebook page. One deals with

the raising of the weir and the other gives a background on why the Spillway was built. Mr. Gregg is in agreement that the Spillway is an asset that should be showcased to the general public.

A motion to receive and file the communication with Mr. Dugger was made by Mr. Wiley, supported by Ms. Miller.

AYES: Wiley, Miller, Nash and Gregg

Nays: None

Motion approved.

Mr. Mickalich, HRC updated the board on the NOAA and EPA grant work. Cardno installed 362 bare root plants. Some of the trees are being pulled from the ground. Laminated signs will be installed to help educate the general public and to discourage vandalism. Anglin has begun work on the new habitat area contingent upon the weather. Decking is being installed on the fishing pier. The pilings are in and the concrete abutment will be installed sometime next week. HRC is waiting for a quote on the fencing and additional landscaping near Harper Avenue. Areas of the bike path will have to be repaired due to contractor damage. This will be done in June/July.

The DNR was contacted regarding the weir elevation and the 48" by-pass pipe. They are willing to help with an operational plan which meet the needs of the Inter-County Drainage Board and the DNR. Leaving the 48" by-pass pipe closed is not an issue. They would like to see the weir raised during the spawning season to keep as much water in the river to promote fish migration. The weir has provided a very productive environment for the fish. The DNR will be flexible with the dates and times and work with the drainage board as an operational plan is developed. They are cognizant of the fact that too much water cannot be pushed down the river creating problems with flooding in the area. Mr. Gregg asked if there was concern over stagnation in the Spillway channel if the pipe was closed. The weir will be lowered in the summer months when stagnation would be most likely to occur, to help minimize that issue.

Ms. Seymour spoke about the "Greening of Detroit" project giving away free trees. Landscaping had to be cut because the EPA portion of the grant is over budget. It would cost between \$30,000 and \$40,000 to move the trees, with no guarantee of survival. Once Anglin has finished their work, and if there is money left over, a decision will be made about the purchase of trees with a guarantee. Mr. Nash asked how the tree plantings are cared for. Cardno is working under a performance-based contract and is responsible for the maintenance and survival. Ms. Vaara asked if 1" to 2" trees could be interspersed with the smaller whips to discourage vandalism. Mr. Mickalich is looking at the budget to see if that is an option.

The fishing pier should be completed by the next meeting. Mr. Mickalich is meeting with the Harrison and Clinton Township supervisors to discuss work that has been done. The additional habitat area should be completed mid-June, weather dependent. Cardno is still doing cleanup of materials that were cut as part of the invasive species contract. Both the EPA and NOAA grants should be complete in August.

Mr. Korth is working with the USACOE on securing a date for the annual inspection walk of the Red Run Drain and the Clinton River Spillway.

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

AYES: Nash, Miller, Wiley and Gregg

NAYS: None

Motion approved.

A trial balance sheet was presented to the board for review. There is an O&M balance of \$337,858.77. Harrison and Clinton Townships are responsible for mowing the grass along the bike path.

A motion to receive and file the Clinton River Spillway Trail Balance, dated October 1, 2016 – March 31, 2017 as submitted was made by Mr. Wiley, supported by Ms. Miller.

AYES: Wiley, Miller, Nash and Gregg

NAYS: None

Motion approved.

A meeting was held with the USACOE and MCPW staff to discuss dredging along Shadyside Park. The last time this area was dredged, it cost approximately \$150,000. A letter has been sent to the USACOE regarding “design deficiency” of the weir. Mr. Graboske spoke about installing Wisconsin veins to bend the flow of the river to follow its natural course. This would transport the sediment with the natural flow of the water. Ms. Seymour requested the USACOE do a design deficiency study. They will then see what they can do to mitigate the impacts of the river. There will be a cost-share of 25 percent for improvements made. Mr. Gregg asked if it would help to further discuss at the annual inspection. A meeting with state agencies and the Colonel of the USACOE and his top staff meet annually to go over agenda items. The USACOE presents what it has done the previous year in terms of harbor dredging, etc. and then asks for input from state agencies. Mr. Gregg is willing to ask to be put on the agenda to raise awareness at the federal level.

The Clinton River Watershed Council received a grant that the MCPWO applied for on their behalf. The grant is for volunteer cleanups along the Spillway and other areas within the watershed. One request for reimbursement will be submitted and forwarded to the State by the MCPWO.

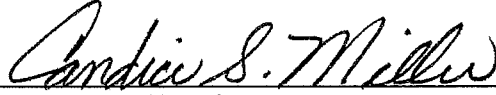
Macomb County will be celebrating its 200th anniversary in January 2018. Pictures of the Clinton River Spillway under construction were found in the MCPWO archives. They will be brought to the next meeting to show the board.

The MDARD is working with the State Archivist on a budget to digitize and preserve their archived files in a system called Preserveca. This program will be upwardly compatible with any type of technology in the future.

A complaint was received on a sinkhole between the bike path and the Clinton River Spillway near Harper and the 16 Mile Road restoration project. The Macomb County Department of Roads fenced off the area. The sinkhole was caused by an apartment complex that tapped into the Spillway. It is a 54-inch corrugated metal pipe. Mary Bednar, Clinton Township was contacted to see how they wanted to address the problem. Ms. Seymour will contact the township to get their plan of action for restoring the site. Mr. Mickalich commented on the amount of rainfall impacting the washout in this area. An update will be provided at the next meeting.

The next meeting was scheduled for May 24, 2017.

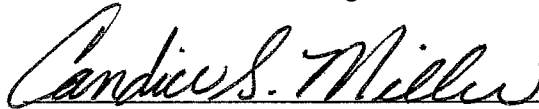
There being no further business coming before the Board, the meeting was adjourned at 11:03 p.m. by Mr. Gregg on a motion by Mr. Nash, supported by Ms. Miller.



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 April 26, 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 S. Miller, Secretary
Clinton River Spillway Inter-County Drainage Board

DATED: 5/9/17

8701.bd



Barb Delecke <barb.delecke@macombgov.org>

Fwd: Thanks

1 message

Brian Baker <brian.baker@macombgov.org>
To: Barb Delecke <barb.delecke@macombgov.org>

Sat, May 13, 2017 at 3:16 PM

Barb,

Include this email as well.

Thanks

Sent from iPad.

Begin forwarded message:

From: D Dugger <d.dugger@ymail.com>
Date: May 12, 2017 at 10:40:29 AM EDT
To: Lynne Seymour <lynne.seymour@macombgov.org>
Cc: "Brian.baker@macombgov.org" <Brian.baker@macombgov.org>
Subject: Thanks
Reply-To: D Dugger <d.dugger@ymail.com>

Dear Ms Seymour,

Thanks for arranging and participating in today's site walk of the spillway. Please pass along my thanks to Mr. Albert Mickalick of HRC, and Mr. Tim O'Connor of Anglin Civil for their attendance.

The neighborhood looks forward to the removal of the brush, log piles, and cut and left lay trees we viewed. We also look forward to the clean up of the wind fallen trees in the ditch at the south end of Sheffield St.

I understood from Mr. O'Connor the area of ponding on the north side east of Harper will be filled to promote drainage and prevent standing water there.

Realizing the unsightly debacle under the Harper Ave. bridge is not within the scope of the current project, I hope bringing attention to it will plant the seed for a multi jurisdictional approach to eradicating the blight there. It will be unfortunate to have such a area in close proximity to the project centerpiece (the pier).

Lastly, I hope this year's mowing plan will keep the good maintenance of the areas not disturbed by the 2016/17 site work. I will be contacting Mr. Brian Baker regarding this.

Regards

Dana Dugger 810 459 4138



Barb Delecke <barb.delecke@macombgov.org>

Fwd: Spillway Mowing

1 message

Brian Baker <brian.baker@macombgov.org>

Sat, May 13, 2017 at 3:16 PM

To: Barb Delecke <barb.delecke@macombgov.org>

Cc: Lynne Seymour <Lynne.Seymour@macombgov.org>, Candice Miller <candice.miller@macombgov.org>

Barb,

Please include this email in the next board packet. Add Lynne to the agenda to verbally speak to the issue and advise the board.

Thanks

Sent from iPad.

Begin forwarded message:

From: D Dugger <d.dugger@ymail.com>
Date: May 12, 2017 at 11:18:32 AM EDT
To: "brian.baker@macombgov.org" <brian.baker@macombgov.org>
Cc: Lynne Seymour <Lynne.seymour@macombgov.org>
Subject: Spillway Mowing
Reply-To: D Dugger <d.dugger@ymail.com>

Dear Mr. Baker,

Today's spillway walk was most fruitful. (I copied you in my note to Ms Seymour)

I do have concern for the mowing plan for this year. Ms Seymour shared, her understanding was the only mowing to be done would be the corridor along the bike path that is maintained by Huron Clinton Metropolitan Authority, under contract with The Charter Township of Clinton .

It would be a terrible regression to not mow the areas we have finally achieved good maintenance of.

1. The area west of Harper south of the spillway and both sides of Wellington Crescent.
2. The area east of Harper south of the spillway. Not including the area of site work from 2016, to allow grasses to establish good cover.
3. The area west of Sheffield St north of the spillway.

I understand not including areas of recent site work, They will need to be addressed next year.

Allowing these areas to go unmowed would be detrimental to our neighborhood. I have worked for nearly 40 years to have good stewardship of this property.

My work started in the early 1980's, when a resident of the nursing home on Harper wandered away. The man's remains were found when children smelled something in the ditch along Sheffield St. The 8ft tall weeds had concealed his presence. We enlisted the support of then Sheriff Bill Hackel to have trustee inmates clean up the area.

I urgently solicit your help in assuring the property gets the level of care that has taken many years to achieve.

As a final note, The Charter Township of Clinton has an ordinance requiring properties to be mowed and maintained. I trust this public property can be an example of good compliance.

Regards

The unpaid spillway consultant

Dana Dugger 810 459 4138



Candice S. Miller
Public Works Commissioner
Macomb County

May 17, 2017

MEMORANDUM

TO: Candice S. Miller
Macomb County Public Works Commissioner

FROM: Thomas R. Stockel, Construction Engineer *TRS*

RE: Sinkhole on the Murdock Ballard Drain at the
Clinton River Spillway

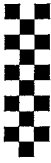
The sinkhole on the Murdock Ballard Drain is east of Harper and west of Metropolitan Parkway on the north side of the bike path. The repair was quoted by the following two contractors:

- | | |
|--------------------------------------|--------------|
| 1. R.G. Eisenhardt Contracting, Inc. | \$ 42,650.00 |
| 2. Salvatore Excavating Co., Inc. | \$110,400.00 |

R.G. Eisenhardt was awarded the emergency repair of the sinkhole.

8719.ts





R.G.E.

810 523 1969
RG Eisenhardt Contracting, Inc.
9738 GRATIOT
COLUMBUS, MI 48063

MACOMB COUNTY PUBLIC WORKS

5/3/17

Attn: Tom Stockel

Quote for work on Clinton River Spillway off 16 mi.

Our firm proposes to provide all labor, operators, supervision and equipment complete the following;

1. Mobilize and de-mobilize all necessary equipment.
2. Provide all necessary crane mats to reduce the impact on the site during construction.
3. Supply and place all necessary silt fence around the excavated area.
4. Excavate around the existing manhole to relieve the back pressure.
5. Excavate around the 54" outfall pipe and remove and or crush some of it in place.
6. Supply and place all necessary 1x4" crushed concrete in the excavation to stabilize the area for the installation of a new 48" HDPE pipe.
7. Supply and place all necessary 48" HDPE pipe to reach the water's edge.
8. Supply all necessary pumps to insure the water flow during construction.
9. Supply and place all necessary backfill material to bring the excavated area back to original grade.

TOTAL PRICE \$29,850.00

NOTE; Due to the time of year and weather conditions we would estimate the top soil and seeding of the disturbed areas to be about \$4,300.00.

NOTE; Due to the absence of soil borings and the time of year if it would be necessary to drive steel sheet piling behind the manhole in order to save the asphalt walkway from caving in it would be an additional cost of \$8,500.00.

Thank you for the opportunity to quote this project,

Robert G. Eisenhardt

SALVATORE EXCAVATING CO., INC.

29850 Little Mack

ROSEVILLE, MICHIGAN 48066

586-293-4590 fax 586-293-7606

Macomb County Public Works
21777 Dunham Road
Clinton Township, MI 48036

May 9, 2017

Att: Tom Stockel

Re: MCDPW Clinton River Spillway Murdock - Ballard Drain

PROPOSAL

Quantity	Item	Unit	Total
1	I.s. Mobilization	7,500.00	7,500.00
1	I.s. Install Silt Fence & Soil Erosion	3,000.00	3,000.00
70	I.f. Remove 54" & Replace w/ 48" HDPE	995.00	69,650.00
1	I.s. Pumping	7,500.00	7,500.00
1	ea. Connect to existing Manhole	5,750.00	5,750.00
		Total Bid	93,400.00

Additional Items

1	I.s. Seed & Mulch Distrubed Areas (4,000 s.y)	12,000.00	12,000.00
1	I.s. Remove & Replace ex. Asphalt Path (12'x30)	5,000.00	5,000.00
		Total Additional Items	17,000.00

Note: Prices do not include Permits, Bonds and Inspection Fees.

Salvatore Excavating Co.,

YTD Trial Balance

Fund: Clinton River Spillway

As of Fiscal Period: Oct 1, 2016-Apr 30, 2017

	O&M Balance 9/30/2016	O&M	TOTAL 4/30/2017
Cash - Operating	337,720.35	(31,244.04)	306,476.31
Accounts Receivable			0.00
Assets			0.00
Liabilities			0.00
Revenues		454.20	454.20
Expenditures		31,698.24	31,698.24
Equity	337,720.35		306,476.31
			0.00

NOTES

Remaining balance-NOAA Grant 1,187,249.40
Remaining balance-EPA Grant 3,435,656.79
Both grants require no match