

Gregg
Miller
Nash
Suma
Wiley

CLINTON RIVER SPILLWAY
INTER-COUNTY DRAINAGE BOARD
FEBRUARY 28, 2018
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 January 24, 2018	3
5. NOAA/EPA Habitat Restoration Grant Update – Jeff Bednar/ Albert Mickalich, Hubbell, Roth & Clark	6
6. Correspondence from State Representative William Sowerby regarding Sheffield Property	7
7. Annual U.S. Army Corps of Engineers Inspection Report	8
8. Motion: To approve Change Order No. 4 from Anglin Civil for a project increase of \$16,900.30	15
9. Consideration of approval of invoice:	16
See attached spreadsheet	
10. Financial Update – Bruce Manning	17
11. Old Business	
12. New Business	
13. Adjourn	

CLINTON RIVER SPILLWAY

LAPEER, MACOMB, OAKLAND, & ST CLAIR COUNTIES



Legend

- Open Channel
- Ditch
- Pond

Drain Length (Feet/Miles):
11,281.34 / 2.14

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 January 24, 2018.

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

Joe Suma, Member
Lapeer County Drain Commissioner

Robert Wiley, Member
St. Clair County Drain Commissioner

ALSO PRESENT: Karen Czernel, Deputy, Bruce Manning, Financial Manager, Evans Bantios, P.E., Construction and Maintenance Manager Tom Stockel, Construction Manager, Tamara Keskeny, Property Manager, Jeff Bednar, P.E., CFM, Environmental Engineer, Dan Heaton, Public Relations Manager, Claudette Wizniuk, Environmental Educator, Barbara Delecke, Administrative Services, Office of Macomb County Public Works Commissioner; Anne Vaara, Chief Deputy, Steve Korth, P.E., Manager, Office of Oakland County Water Resources Commissioner; Albert Mickalich, P.E., Hubbell, Roth & Clark, Inc. (HRC); Louis Urban, P.E., Sydney Kanan, Graduate Engineer, Anderson, Eckstein & Westrick, Inc. (AEW); Chris Bunch, Executive Director, Six Rivers Land Conservancy

The Chairman called the meeting to order at 10:16 a.m.

A motion was made by Mr. Suma, supported by Mr. Nash to approve the agenda as presented.

Adopted: YEAS: 5
NAYS: 0

The minutes of the meeting of December 19, 2017 were presented. A motion was made by Mr. Suma, supported by Ms. Miller to approve the minutes as presented.

Adopted: YEAS: 5
NAYS: 0

The project is on-hold during the winter months. A resident called in to say that there was trampling of the vegetation in the NOAA staging area. Mr. Mickalich will assess the damage today and determine what remediation if any should be done. Mr. Mickalich said that there are funds remaining in the EPA portion of the grant. This money could be used to plant trees along the staging area to protect it. Installing a fence would not be covered under the grant and would require maintenance. A list is being made for the maintenance responsibilities such as operation of the weir to vegetation maintenance practices. Discussions will be held with Clinton and Harrison Townships, the Huron-Clinton Metropolitan Authority (HCMA), HRC and the Macomb County Public Works Office to discuss maintenance. The results derived from these discussions will be presented by the March meeting. A meeting is being held with regard to

insurance on the fishing pier next week. Mr. Wiley asked if there were any signs posted at the staging area site. He suggested that an ordinance be written governing the use of the Spillway. Temporary signs will be installed after discussions with the insurance company. By installing signs, this would allow the local governments to issue citations.

A motion was made by Mr. Suma, supported by Mr. Nash to authorize the Macomb County Public Works Office to install signs along the Spillway.

Adopted: YEAS: 5
NAYS: 0

Mr. Bednar spoke about HRC's engineering costs for contract administration. HRC has requested that money be transferred from the Gloede and McBride Drain projects to the Clinton River Spillway project. Mr. Bednar contacted the EPA for their approval since these monies cover all three projects.

A motion was made by Mr. Suma, supported by Mr. Wiley to receive and file the project update given by Mr. Bednar and Mr. Mickalich.

Adopted: YEAS: 5
NAYS: 0

Mr. Bunch, Six Rivers Land Conservancy gave a presentation on what his organization does. The Six Rivers Land Conservancy is a private, non-profit agency that serves as a regional land conservancy for the northern portion of the Detroit Metropolitan Area. The sole purpose is to acquire land and interest in land for conservation purposes to preserve some of the natural, agricultural and scenic heritage of the region. Mr. Bunch went on to explain some of the projects that the Conservancy has been involved in. Just in the North Branch Clinton River and Belle River Watersheds, 166,000 acres have been identified for preservation.

The Conservancy would be interested in acquiring the Spillway property. The property would be maintained as passive recreation. They do not have the resources to maintain the property or take resident complaints.

Mr. Nash spoke about the residents wanting the parcel to remain undeveloped. If the land were controlled by the Six Rivers Land Conservancy, he felt certain that the residents would assist in maintaining the land for passive recreation. Mr. Bednar spoke about Clinton Township taking the parcel on as a park. The township has the manpower to maintain the property. There are a number of options with regard to the six acres of land on Sheffield. The Drainage Board will have to determine what direction it would like to go with this land.

The Chairman presented the invoice totaling \$517.15 as provided to the Board for review and approval.

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

Adopted: YEAS: 5
NAYS: 0

A motion was made by Mr. Nash, supported by Mr. Suma to receive and file the financial report prepared by Mr. Manning.

Adopted: YEAS: 5
NAYS: 0

There being no further business, it was moved by Mr. Suma, supported by Mr. Nash, that the meeting of the Clinton River Spillway Inter-County Drainage Board be adjourned.

Adopted: YEAS: 5
NAYS: 0

The meeting was adjourned at approximately 11:23 a.m.



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 January 24, 2018, 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: 1/26/18

9113.bd



HUBBELL, ROTH & CLARK, INC
CONSULTING ENGINEERS SINCE 1915

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. Stichel
- Jane M. Graham
- Todd J. Sneathen
- Aaron A. Uranga
- Salvatore Conigliaro

Spillway:
February 23, 2018

NOAA & EPA:

- Maintenance and prevention of soil erosion shall continue.
- Meeting with Anglin Civil to discuss outstanding items that need to be completed under the contract
- Project received the ACEC/Michigan Engineering Merit Award for the GLRI Clinton River Spillway Project.

Albert Mickalich
Senior Associate
Project Manager



31ST DISTRICT
STATE CAPITOL
P.O. BOX 30014
LANSING, MI 48909-7514
PHONE: (517) 373-0159
FAX: (517) 373-5893
E-MAIL: williamsowerby@house.mi.gov

MICHIGAN HOUSE OF REPRESENTATIVES

WILLIAM J. SOWERBY
STATE REPRESENTATIVE

January 31, 2018

Candice Miller
Public Works Commissioner
21777 Dunham Road
Clinton Township, MI 48036

Dear Commissioner Miller,

I am writing to you regarding land that is located in my district that is under consideration to be sold and my concerns with this potential sale.

The property (Tax Parcel ID numbers 16-11-24-301-001 and 16-11-24-301-002) is owned by the Drainage Board for the Clinton River Spillway Drain. This property is near Harper Avenue and Sheffield Street in Clinton Township. This property was brought to my attention by a constituent who lives near the property and is opposed to the sale of this property. After speaking with your office and viewing recent Clinton River Spillway Inter-County Drainage Board meeting agendas and minutes, I understand that the drainage board is looking into selling this property and decisions on the fate of this property could be made very soon.

Due to the potential sale of the property, I respectfully ask that the Drainage Board delay selling the property for the foreseeable future so that interested parties can investigate and research other possible uses for this property. I am also willing to further discuss with you and your office this property and potential future uses.

I thank you for your time and attention to this issue and hope to discuss this issue further with you.

Sincerely

Bill Sowerby
State Representative
31st House District



DEPARTMENT OF THE ARMY
DETROIT DISTRICT, CORPS OF ENGINEERS
477 MICHIGAN AVENUE
DETROIT, MICHIGAN 48226-2550

15 December 2017

Michael Gregg
Chairperson, Clinton River Spillway Drainage Board
Michigan Department of Agriculture and Rural Development
P.O. Box 30017
Lansing, Michigan 48909

Dear Mr. Gregg:

On May 17th, 2017, personnel from the U.S. Army Corps of Engineers Detroit District, Oakland County Water Resource Commission, and the Macomb County Drainage Commission completed the annual inspection of the Clinton River flood control project. A list of inspection attendees and findings is included below.

<u>Name</u>	<u>Organization</u>
Tina Kowitz	USACE, Geotech & Structures Branch
Jim Nash	Oakland County Water Resources Commissioner
Craig Tiell	Oakland County Water Resource Commission
Gary Nigro	Oakland County Water Resource Commission
Steve Korth	Oakland County Water Resource Commission
Doug Stover	Oakland County Water Resource Commission
Rocky Rizzo	Macomb County Drainage Commission

Project Description: The authorized project provided for construction of a cut-off canal extending from a point on Clinton River approximately 1,500 feet downstream of the Gratiot Avenue Bridge to Lake St. Clair, approximately 12,500 feet (2.4 miles).

Authorization: The Federal project for local flood protection at Mount Clemens, Clinton River, Michigan was authorized by the Flood Control Act approved July 24, 1946 in accordance with House Document 694, 79th Congress, 2nd Session.

Project Sponsor: Clinton River Spillway Drainage Board

Summary of Findings: Below is a summary of significant findings noted during our inspection. Select photographs are included in this report, with a complete set included in the enclosed CD, along with a Google earth kmz file. Photograph numbering on captions references the photograph file name for easy location.

- 1) The Clinton Spillway Weir has not been operated for several years. Current management at Macomb County have been actively maintaining the weir to ensure it is operational, and plans to resume operation. During our inspection, Macomb County had a contractor on site removing large trees and woody debris that had collected at the weir (Photo 60). No significant issues with the weir were noted in the field (Photo 61).
- 2) The Corps of Engineers and Macomb County recently constructed habitat features along the Clinton River spillway, near Harper Avenue. These features are not part of the flood control project, but are adjacent to the spillway (Photo 66 & 67). The features are outside of the channel, and are not expected to impact flood conveyance,
- 3) At the time of our inspection, bank restoration near the outlet to Lake St. Clair had been recently completed. The erosion control fabric on the south side was poorly anchored, and appeared to be loosely placed on top of the riprap. Grass cover was not coming in well at the time of the inspection (Photos 71 & 72). Re-seeding and erosion control may be needed if sod cover does not establish well.

Summary: Overall, the Red Run Drain project is in "Minimally Acceptable" condition, and the project will remain active in the 84-99 program.

Enclosed with this report are electronic copies of all photos, and a Google Earth .kmz file showing the location that each photo was taken in Google Earth format. Please reference previous annual inspections conducted by USACE for additional information regarding past project conditions, recommendations, and improvements or alterations that have been made.

Any questions regarding this inspection report may be directed to Tina Kowitz at 313-226-6719.

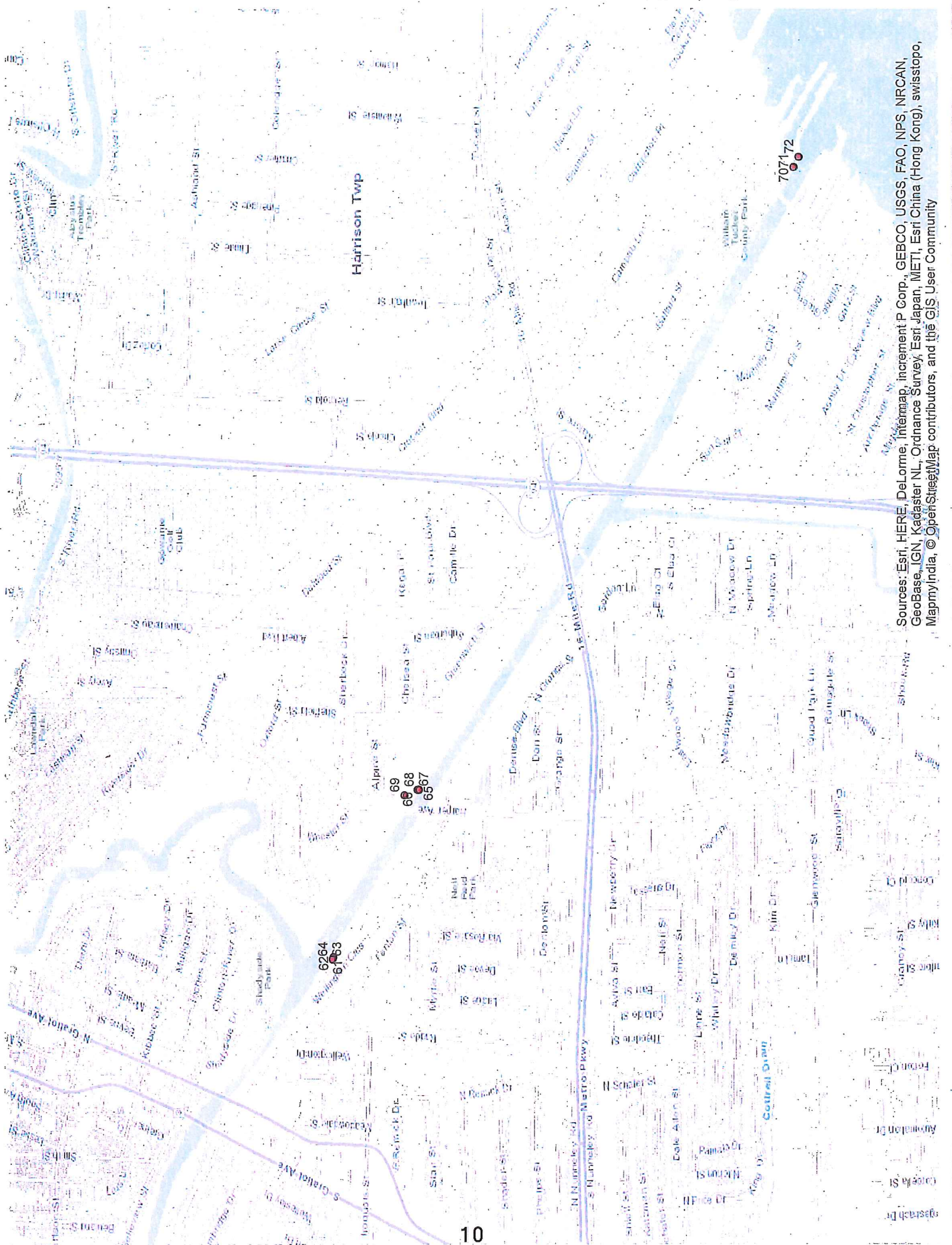
Sincerely,



Phillip C. Ross, P.E.
Chief, Engineering & Construction Branch

Enclosures: Inspection CD (Photos, kmz file, report)

Copy furnished: Macomb County Public Works Commissioner (Miller)
Oakland County Drain Commissioner (Nash)
Detroit Area Office (File)
Chief, Emergency Management (Kuhne)
Chief, Operations (Wright)
Geotech and Structures Branch (File)
Contract Administration Branch (File)



Harrison Twp

707172

6264
6163

69
68
667

Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, Geobase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Clinton River Cutoff
17 May2017 Inspection Report Photographs



Photo 60: Large trees in channel near the Clinton River Spillway Weir. The trees were being removed via a winch during the inspection.



Photo 61: Clinton River Spillway Weir. No major structural defects noted.

Clinton River Cutoff
17 May2017 Inspection Report Photographs



Photo 62: Clinton River Spillway Weir, with Clinton River in the background. Note woody debris.



Photo 66: Habitat creation near Harper Avenue.

Clinton River Cutoff
17 May2017 Inspection Report Photographs



Photo 67: Habitat creation near Harper Avenue.



Photo 71: Bank restoration near Lake St. Clair (south side). Erosion fabric appears poorly anchored.

Clinton River Cutoff
17 May2017 Inspection Report Photographs

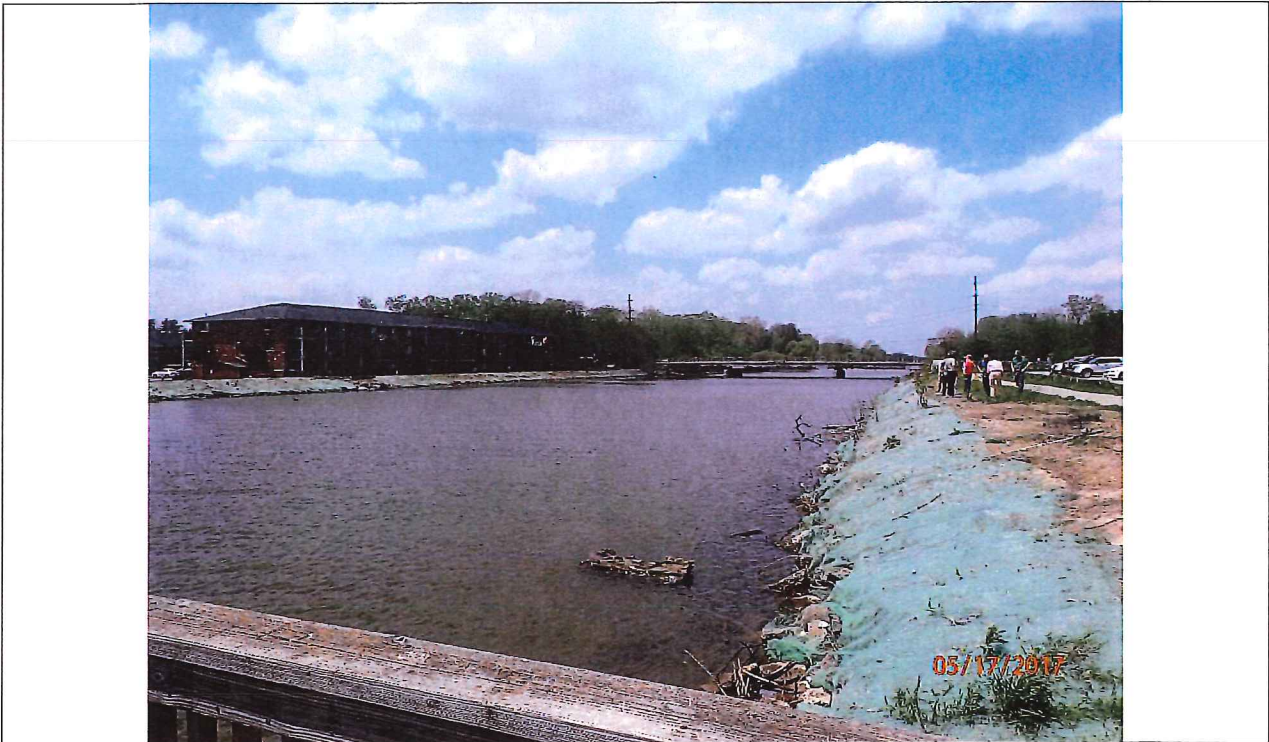


Photo 72: Bank restoration near Lake St. Clair (north side). Sod cover needed.

AUTHORIZATION FOR CHANGE IN WORK

Owner: InterCounty Drainage Board c/o the Macomb County Public Works Commissioner
21777 Dunham Road
Clinton Township, MI 48036

CONSULTING ENGINEERS: HUBBELL, ROTH & CLARK, INC.
 CORPORATE OFFICE: 555 HULET DRIVE, BLOOMFIELD HILLS, MI (248) 338-9241
 CORPORATE MAILING ADDRESS: P.O. BOX 824, BLOOMFIELD HILLS, MI 48303-0824

Name of Project: Clinton River Spillway **Project Change Order No.** 04

Contractor: Anglin Civil **Date:** January 24, 2018

Address: 13000 Newburgh Rd **HRC Job No.** 20140754

Livonia, MI 48150 **Page** 1

This Change Order, when approved, will constitute authorization for the following changes without crew days (no additional crew days will be assessed against the contractor or paid to the contractor for the change in work specified unless otherwise called for herein):

	Description of Work	Unit	Estimated Quantities	Unit Price	Mark-up Price	Amount Increase
1	Shop fabrication of pile points	14	each	\$449.00	\$314.30	\$6,600.30
2	ADA Handrail	1	LSUM	\$3,370.00	\$3,370.00	\$3,370.00
3	Galvanized chain link fence and dbi swing gate 4' hgt	1	LSUM	\$6,600.00	\$330.00	\$6,930.00
	SUB-TOTAL AMOUNT					\$16,900.30
	Net Increase/Decrease					\$16,900.30

SUMMARY – The above changes total include a 5% mark-up on items 1 and 3. A net contract increase of \$ 16,900.30 HRC will update subsequent pay estimates to reflect the above Contract modification.

Change in Time of Completion: None to None

Recommended by: James F. Burton Date: January 24 2018
 James F. Burton, Vice President, Hubbell, Roth & Clark, Inc. Consultant

Accepted by: Josh Malik Date: 1/24/2018
 Anglin Civil, Contractor

Approved by: _____ Date: _____
 Candice Miller, Macomb County Public Works Commissioner

Approved by: Jeff Bednar Date: 1/26/18
 Jeff Bednar, Macomb County Public Works Engineer

CLINTON RIVER SPILLWAY - 2/28/18

<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	Bednar	Spalding DeDecker	\$ 4,500.00	Invoice #00074912 - 10/23/17 Engineering Services - 8/27/17 - 10/1/17	Title Searches	
Total				\$ 4,500.00			

9129.bd

YTD Trial Balance

Fund: Clinton River Spillway

As of Fiscal Period: Oct 1, 2017-Jan 31,2018

	O&M Balance 9/30/2017	O&M	TOTAL 1/31/2018
Cash - Operating	254,515	(7,584)	246,931
Accounts Receivable			0
Assets			0
Liabilities		114	114
Revenues		238	238
Expenditures		7,936	7,936
Equity	254,515		246,817

NOTES

Remaining balance-NOAA Grant 494,218
Remaining balance-EPA Grant(Total) 1,718,341 Total shows amount remaining for
Both grants require no match Partridge Creek, McBride and Spillway projects