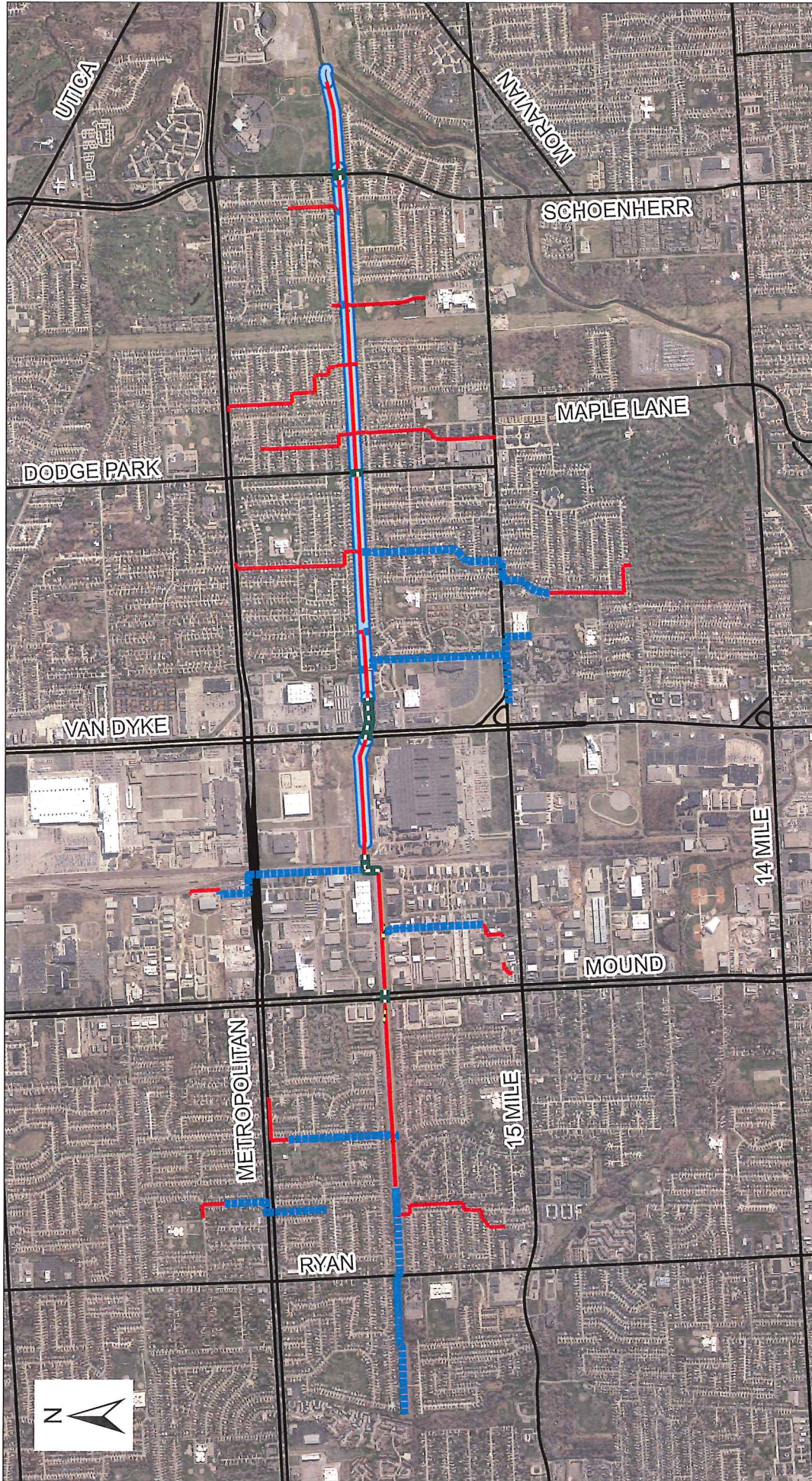


STERLING RELIEF DRAIN  
INTRA-COUNTY DRAINAGE BOARD  
NOVEMBER 19, 2018  
10:30 A.M.  
AGENDA

	Page
1. Call of meeting to order and roll call	
2. Approval of Agenda for November 19, 2018	
3. Approval of Minutes for October 15, 2018	3
4. Public participation	
5. Project Updates – Jeff Bednar	5
6. Sterling Relief Drain Daylighting Project – Sustain Our Great Lakes Grant – Jeff Bednar	6
<p>Motion: To approve the receipt of the Sustain Our Great Lakes Grant in the amount of \$602,183 and authorize an expanded scope of work to the TR Pieprzak engineering construction services proposal to be funded with the grant</p>	
7. Consideration for approval of invoices (see attached)	10
8. Financial Report – Bruce Manning	11
9. Adjourn	

# STERLING RELIEF & BRANCHES

## STERLING HEIGHTS



### Legend

- |                         |                      |
|-------------------------|----------------------|
| <b>Enclosed Gravity</b> | <b>Open Channel</b>  |
| — < 60" Dia             | — Ditch              |
| — >= 60" Dia            | — Pond               |
| — Multiple Pipes        | — Lateral Connection |
| — Lateral Connection    | — Culvert            |



Drain Length (Feet/Miles):  
104,166.49 / 19.73



An adjourned meeting of the Intra-County Drainage Board for the **STERLING RELIEF DRAIN** was held in the Office of the Macomb County Public Works Commissioner, 21777 Dunham, Clinton Township, Michigan, on October 15, 2018, at 10:22 A.M.

PRESENT: Candice Miller, Chair  
Bryan Santo, Member  
Joseph Romano, Member

ALSO PRESENT: James Carabelli, Veronica Klinefelt, Robert Leonetti, Macomb County Board of Commissioners; Brian Baker, Chief Deputy, Karen Czernel, Deputy, Vincent Astorino, Operations and Flow Manager, Evans Bantios, P.E., Construction and Maintenance Manager, Jeff Bednar, P.E., Environmental Resources Manager, Bruce Manning, Financial Manager, Dan Heaton, Public Relations Manager, Thomas Stockel, Construction Engineer, Barbara Delecke, Administrative Services, Macomb County Public Works (MCPW); Jordan Scott, Sterling Heights Public Works Department, Chris Dilbert, President, Village of New Haven

The meeting was called to order by the Chair, Candice Miller. A motion was made by Mr. Romano, supported by Mr. Santo to approve the agenda as presented.

Minutes of the meeting of September 10, 2018 were presented. A motion was made by Mr. Romano, supported by Mr. Santo to approve the minutes as presented.

Adopted: YEAS: 3  
NAYS: 0

The meeting was opened to public participation.

Mr. Romano spoke about his neighbors having problems with sewer connections to the street. Mr. Stockel stated that when the subdivision was built, it was more than likely that clay pipes were used. Mr. Bednar explained that the sanitary/storm sewers are made of concrete and are much deeper in the ground than the residential connections.

There being no further comments from the public, public participation was closed.

Excess SAW Grant monies are being used for additional survey work, which is necessary for the daylighting project. Tetra Tech is currently conducting confined space entries (CSE) at each connection point, which provides very detailed survey information. The drain maintenance crew has been removing vegetation from the fences. Once the invasive species treatment is complete, the channel of the drain will be mowed.

The daylighting project is currently in the design phase with construction estimated to begin in December 2018. Fahey, Schultz, Burzych, Rhodes, PLC will be providing a draft opinion of the district delineation. The extensions are part of the original drainage district, which will add \$263,000 to the Sterling Relief available cash balance.

A motion was made by Mr. Romano, supported by Mr. Santo to receive and file the project update given by Mr. Bednar.

Adopted: YEAS: 3  
NAYS: 0

The Chair presented the invoices totaling \$48,205.80 to the board for review and approval.

Motion was made by Mr. Romano, supported by Mr. Santo to approve the invoices as presented.

Adopted: YEAS: 3  
NAYS: 0

A motion to receive and file the financial report given by Mr. Manning was made by Mr. Romano, supported by Mr. Santo and unanimously carried.

Adopted: YEAS: 3  
NAYS: 0

There being no further business, it was moved by Mr. Romano, supported by Mr. Santo, that the meeting of the Sterling Relief Drain Board be adjourned.

Adopted: YEAS: 3  
NAYS: 0

The meeting was adjourned at 10:37 a.m.

  
\_\_\_\_\_  
Candice S. Miller, Chair  
Macomb County Public Works Commissioner

STATE OF MICHIGAN  
COUNTY OF MACOMB

I certify that the foregoing is a true and correct copy of proceedings taken by the Intra-County Drainage Board for the Drainage District shown on the attached set of minutes, on October 15, 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, Chair  
Macomb County Public Works Commissioner

DATED: 10/17/18

9486.bd

# MEMO

**TO:** Mr. Jeff Bednar, PE - Office of the Macomb County Public Works Commissioner

**FROM:** Maria E. Sedki, PE

**DATE:** October 11, 2018


**PROJECT NO.:** G160107B

**RE:** Storm SAW Assistance for  
**Sterling Relief Drain Drainage District**

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The following is a summary of work performed through October 5, 2018:

- Several iterations of reviewed of BRE and CIP Spreadsheets and provided comments
- Attended NEXGEN Drain Meeting with MCPWO Staff on 9/19/18
- Prepared for, attended, and summarized 9/21/18 Progress Meeting



 <b>NATIONAL FISH AND WILDLIFE FOUNDATION</b> <b>GRANT AGREEMENT</b>	<b>1. NFWF PROPOSAL ID:</b> 60074		<b>2. NFWF GRANT ID:</b> 0501.18.060074	
	<b>3. UNIQUE ENTITY IDENTIFIER (DUNS #)</b> 175316660		<b>4. INDIRECT COST RATE (REFERENCE LINE 17 for RATE TERMS)</b> N/A	
<b>5. SUBRECIPIENT TYPE</b> State or Local Government		<b>6. NFWF SUBRECIPIENT</b> Macomb County Public Works Office		
<b>7. NFWF SUBRECIPIENT CONTACT</b> Brian Baker Macomb County Public Works Office 21777 Dunham Rd Clinton Township, MI 48036 Tel: 586-469-5325 <a href="mailto:brian.baker@macombgov.org">brian.baker@macombgov.org</a>		<b>8. NFWF GRANTS ADMINISTRATOR/NFWF CONTACT INFORMATION</b> Katherine Morgan National Fish and Wildlife Foundation 1133 15 <sup>th</sup> Street, N.W. Suite 1000 Washington, D.C. 20005 Tel: 202-857-0166 Fax: 202-857-0162 <a href="mailto:katherine.morgan@nfwf.org">katherine.morgan@nfwf.org</a>		
<b>9. PROJECT TITLE</b> Sterling Relief Drain Daylighting and Green Infrastructure Retrofit (MI)				
<b>10. PROJECT DESCRIPTION</b> Redesign and retrofit 1 mile of the Sterling Relief Drain corridor in Macomb County as green infrastructure in order to daylight, store, and infiltrate stormwater from the 1,870 acre urban drainage district. Project will create over 50 acres of diverse native habitat, plant 5,000 trees and intercept 28 lateral storm drains to add more than 10 million gallons of urban stormwater storage capacity.				
<b>11. PERIOD OF PERFORMANCE</b> August 14, 2018 to August 13, 2020		<b>12. TOTAL AWARD TO SUBRECIPIENT</b> \$602,183.35		<b>13. TOTAL FED. FUNDS</b> \$602,183.35
<b>14. TOTAL NON-FED. FUNDS</b> N/A				
<b>15. FEDERAL MATCH REQUIREMENT</b> \$1,064,000		<b>16. NON-FEDERAL MATCH REQUIREMENT</b> N/A		
<b>17. SUBRECIPIENT INDIRECT COST RATE TERMS</b> The rate specified in Line 4 reflects that the Subrecipient has elected not to claim an indirect cost rate and that this election shall apply throughout the project's period of performance.				
<b>18. TABLE OF CONTENTS</b>				
<b>SEC.</b>	<b>DESCRIPTION</b>			
1	NFWF Agreement Administration			
2	NFWF Agreement Clauses			
3	Representations, Certifications, and Other Statements – General			
4	Representations, Certifications, and Other Statements Relating to Federal Funds- General			
5	Representations, Certifications, and Other Statements Relating to Federal Funds – Funding Source Specific			
6	Other Representations, Certifications, Statements and Clauses			

**19. FUNDING SOURCE INFORMATION/FEDERAL AND NON-FEDERAL**

A. FUNDING SOURCE (FS)	B. NFWF FS ID	C. FS AWARD DATE TO NFWF	D. FAIN	E. TOT FED. AWARD TO NFWF	F. TOT OBLG. TO SUBRECIPIENT	G. CFDA
U.S. Fish and Wildlife Service	FC.R366	August 1, 2018	F18AP00637	\$9,461,649	\$602,183.35	15.662

**20. NOTICE OF AWARD**

The National Fish and Wildlife Foundation (NFWF) agrees to provide the NFWF Award to the NFWF Subrecipient for the purpose of satisfactorily performing the Project described in a full proposal as identified on line 1 and incorporated into this Grant Agreement by reference. The NFWF Award is provided on the condition that the NFWF Subrecipient agrees that it will raise and spend at least the amount listed on lines 15 and 16 in matching contributions on the Project, as applicable. The Project must be completed, with all NFWF funds and matching contributions spent, during the Period of Performance as set forth above. All items designated on the Cover Page and the Table of Contents are incorporated into this Grant Agreement by reference herein. NFWF Subrecipient agrees to abide by all statutory or regulatory requirements, or obligations otherwise required by law, required of a subrecipient of Federal grant or cooperative agreement funds. Subrecipient is obligated to notify NFWF if any of the information on the Cover Page changes in any way, whether material or immaterial.

<b>A. NAME AND TITLE OF AUTHORIZED SUBRECIPIENT SIGNER (Type or Print)</b> PUBLIC BRIAN BAKER, CHIEF DEPTLY, WORK		<b>D. NAME AND TITLE OF NFWF AWARDOING OFFICIAL</b> Holly A. Bamford, Ph.D., Chief Conservation Officer	
<b>B. SUBRECIPIENT BY</b> 	<b>C. DATE</b> 10-1-18	<b>E. NATIONAL FISH AND WILDLIFE FOUNDATION BY</b> 	<b>F. DATE</b> 10/1/18

See Reporting Schedule on the following page.



**Candice S. Miller**

Public Works Commissioner  
Macomb County

From: Macomb County Public Works Office

Date: 8-9-2018

To: Sterling Relief Drain Board

Copy: File  
Evaluation Committee

RE: Proposal Evaluation Project Award Recommendation  
MCPWO RFP No.: **MCPWO-SWS-2018-RFQ-501**  
MCPWO Proposal Name: **Sterling Relief Lateral Drain Day-Lighting Project**

This is an open competitive contract for engineering and construction services for design and construction which includes day-lighting 14 lateral drain connections and enhancing the vegetation through the one-mile stretch of the Sterling Relief Drain between Van Dyke and Dodge Park Roads. The ultimate goal of this project is to improve the water quality of storm water conveyed through the drain into the Red Run Drain and ultimately into the Clinton River. Day-Lighting the lateral drain connections will allow the storm water to filter through the natural soil, removing contaminants prior to entering the enclosed concrete pipe, especially the first flush which contains higher levels of contaminants. This project also includes restoration of the green infrastructure, restoring the drain to include more aesthetically pleasing landscape.

The project is being funded with a \$1,250,000 grant from the EPA. The grant will cover the design and construction costs for this project.

The Request for Qualifications (RFQ) was advertised from 5-7-18 to 5-24-18 on the Michigan Inter-Governmental Trade Network (MITN) website. Two-Thousand Four-Hundred and Forty-Eight (2448) solicitations were sent out via MITN and Fifty-Three (53) firms downloaded the RFQ.

One (1) Addendum was issued during the course of the RFQ. The Addendums provided responses to vendor questions submitted during the question period.

On 5-24-18, Statement of Qualifications were received from 3 firms. The evaluation committee independently reviewed the Statement of Qualifications and collaboratively decided that each team was sufficiently qualified to perform the work. Each team was then invited to submit a technical and cost proposal. The three teams accepted the invitation and submitted the second deliverable on 7-20-18.

Each member of the Evaluation Committee independently reviewed and scored the comprehensive proposal packages in accordance with MCPWO's policy. The possible range of scores was from 0 to 100%. The proposers were ranked as follows:



Firm	Score	Proposed Cost
TR Pieprzak	97%	\$1,250,000
Z-Contractors	88.5%	\$1,571,887
Wade Trim	74.2%	\$1,223,792

The Evaluation Committee recommends that **TR Pieprzak**, the number one ranked proposer, be named as the contractor for the above referenced Project.

On behalf of the Board please indicate your approval of this recommendation by signing below. Thank you for consideration of this recommendation.

\_\_\_\_\_  
 Jeff Bednar, PE, CFM  
 Environmental Engineer  
 MCPWO Engineering

\_\_\_\_\_  
 Evans Bantios, PE  
 Construction & Maintenance Manager  
 MCPWO Engineering-Wastewater Services

\_\_\_\_\_  
 Brent Geurink, AICP  
 Associate Planner – Land & Water Resources  
 Macomb County Dept. of Planning &  
 Economic Development

\_\_\_\_\_  
 Stephen Downing  
 Engineer II  
 MCPWO Engineering-Wastewater Services

\_\_\_\_\_  
 Jeffrey H. Bednar, PE, CFM  
 Environmental Engineer  
 MCPWO Engineering

Approved: \_\_\_\_\_

Not Approved: \_\_\_\_\_

Hold: \_\_\_\_\_

\_\_\_\_\_  
 Authorized Board Member Signature  
 Sterling Relief Drain Board

\_\_\_\_\_  
 Authorized Board Member Name (print)

STERLING RELIEF DRAIN - 11/19/18

<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>		
Sterling Relief Drain	Chapter 20 State of MI - 3.29% Macomb County - 7.79% Sterling Heights - 88.93%  SAW 1208-01 (Closing date 11/30/2018)	Bednar  Bednar  Slanec  Slanec  Slanec Slanec  Bednar	Fahey, Schultz, Burzych, Rhodes, PLC	\$ 3,414.00	Invoice #43978 - 9/12/18 Legal Services - ending 8/31/18	District Delineation			
			Fishbeck, Thompson, Carr & Huber, Inc.	\$ 1,260.00	Invoice #378188 - 10/15/18 Engineering Services - ending 10/5/18	SAW Grant Oversight	\$ 10,094.50		
			Macomb County Treasurer	\$ 697.14	Invoice #8091-2018 - 9/15/18	Personnel Reimbursement - 6/4/18 - 9/7/18 (25% to Equipment Fund)			
			Macomb County Treasurer	\$ 508.88	Invoice #18-568 - 10/3/18	Personnel Reimbursement - 8/25/18 - 9/30/18 (25% to Equipment Fund)			
			Oceanview Excavation	\$ 1,245.00	Invoice #541 - 9/30/18	Drain Cleanout			
			Oceanview Excavation	\$ 3,875.00	Invoice #544 - 10/17/18	Drain Cleanout			
			Tetra Tech, Inc.	\$ 47,313.19	Invoice #51371663 - 10/26/18 Engineering Services - ending 10/26/18	GPS Survey, CCTV, Processing GFS Data	\$ 92,000.71		
			<b>Total</b>			\$ 58,313.21			

**YTD Trial Balance**

**Fund: Sterling Relief**

**As of Fiscal Period: Oct 1, 2018-Oct 31, 2018**

	<b>O&amp;M Balance 9/30/2018</b>	<b>O&amp;M</b>	<b>Total 10/31/2018</b>
<b>Cash - Operating</b>	126,044	31	126,075
<b>Accounts Receivable</b>			0
<b>Assets</b>			0
<b>Liabilities</b>		3,875	3,875
<b>Revenues</b>		46	46
<b>Expenditures</b>		3,890	3,890
<b>Equity</b>	126,044		122,200

<u>NOTES</u>	<b>Grant</b>	<b>Match</b>	<b>Total</b>
SAW 1208-01	377,586	41,954	419,540
YTD	(252,203)	(28,023)	(280,226)
Remaining	125,383	13,931	139,314