

Miller  
Santo  
Romano

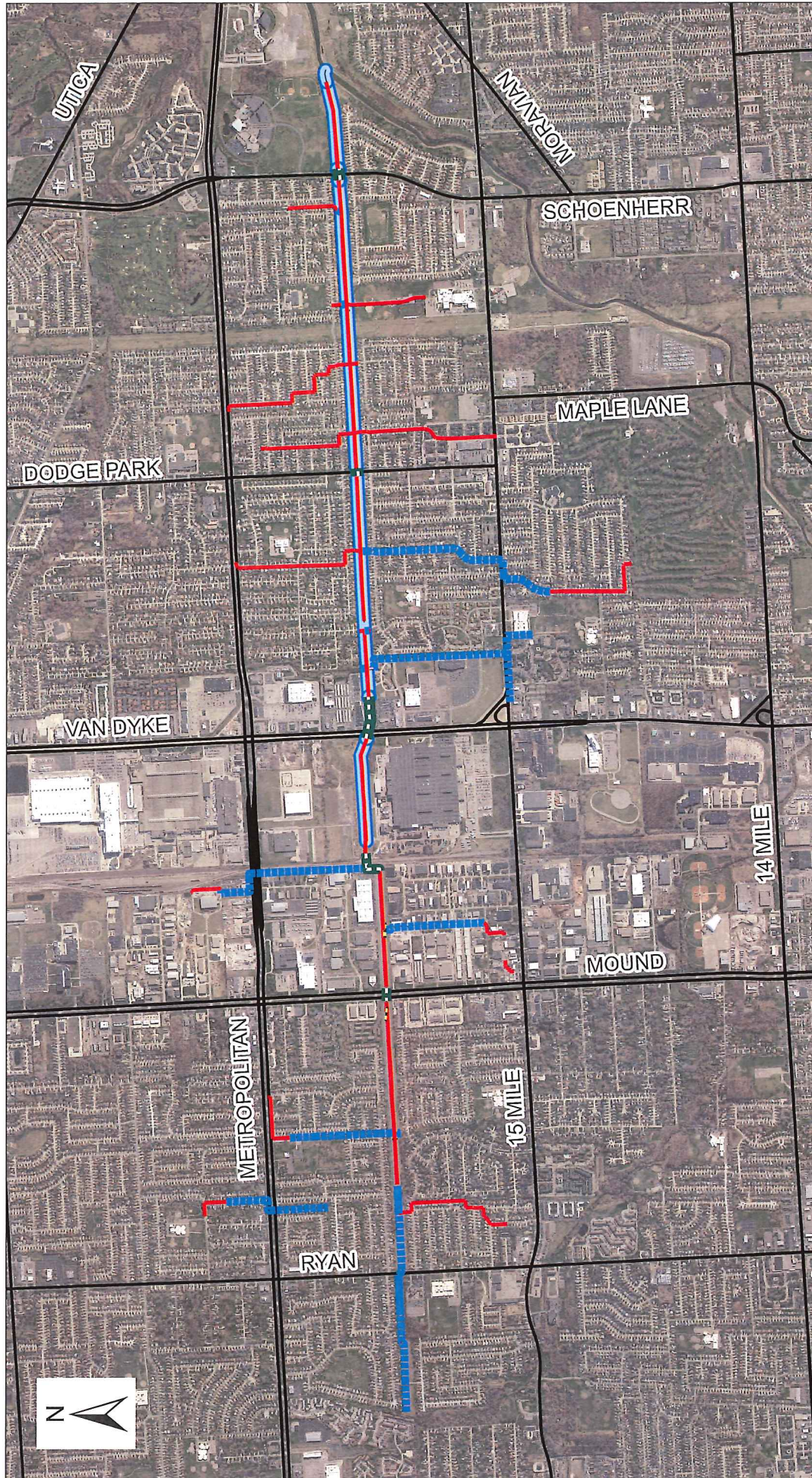
STERLING RELIEF DRAIN  
INTRA-COUNTY DRAINAGE BOARD  
SEPTEMBER 10, 2018  
10:15 A.M.  
AGENDA

|                                                          | Page |
|----------------------------------------------------------|------|
| 1. Call of meeting to order and roll call                |      |
| 2. Approval of Agenda for September 10, 2018             |      |
| 3. Approval of Minutes for August 13, 2018               | 3    |
| 4. Public participation                                  |      |
| 5. Project and Grant Update – Jeff Bednar                | 5    |
| 6. Consideration for approval of invoices (see attached) | 7    |
| 7. Financial Report – Bruce Manning                      | 8    |
| 8. Adjourn                                               |      |



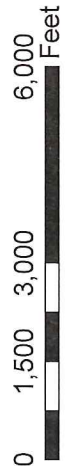
# STERLING RELIEF & BRANCHES

## 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 August 13, 2018, at 10:15 A.M.

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

Also Present: James Carabelli, Veronica Klinefelt, Marvin Sauger, Macomb County Board of Commissioners, Brian Baker, Chief Deputy, Vincent Astorino, P.E., Operations and Flow Manager, Jeff Bednar, P.E., Environmental Engineer, Bruce Manning, Financial Manager, Dan Heaton Public Relations Manager, Thomas Stockel, Construction Engineer, Madison Tanghe, Senior Secretary, Macomb County Public Works (MCPW); Jordan Scott, Sterling Heights Dept. of Public Works; Elizabeth Madson, Breck McCorory, Chesterfield Township Library

The meeting was called to order by the Chair, Candice Miller. The agenda was approved as presented.

Minutes of the meeting of June 11, 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, then closed, there being no comments from the public.

Tetra Tech has completed most of the hard asset evaluation. This office will assess the condition of the fences, gates, and road crossings. This would be at no cost to the City unless the City wants to add parklike attributes or recreational assets. Tetra Tech will be flying this project with a drone to give us a wide range view of the property. The SAW project ends November and we remain on schedule. There is some debris in the drain, but the pipe itself is in good condition.

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

We received the EPA Grant of \$1.2 million for the Sterling Relief Drain Daylighting Project on the laterals between Van Dyke and Dodge Park Road. This is a no match grant and will be at no cost to the district. There were three proposals submitted with TR Pieprzak scoring the highest. We will be scheduling a kickoff meeting. Construction will start late fall and will finish spring/summer 2019.

A motion was made by Mr. Romano, supported by Mr. Santo, to approve the proposal for engineering construction services for the grant funded Sterling Relief Lateral Drain Daylighting Project in the amount of \$1,250,000 from TR Pieprzak.

Adopted: YEAS: 3  
NAYS: 0

The Chair presented the invoices totaling \$23,019.56 to the board for review and approval.

A motion was made by Mr. Santo, supported by Mr. Romano, 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. Santo, supported by Mr. Romano.

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.

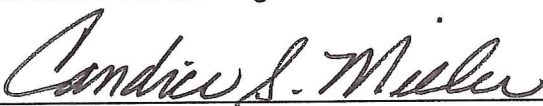
Adopted: YEAS: 3  
NAYS: 0

The meeting was adjourned at 10:28 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 August 13, 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: 8/14/18

# MONTHLY PROGRESS REPORT

**TO:** Mr. Jeff Bednar , P.E. – Macomb County Public Works Commissioner’s Office (MCPWO)

**PREPARED BY:** G. Seghi/K. Kingsley/J. Siwek

**FIRM:** Tetra Tech

**DATE:** AUGUST 3, 2018

**PROJECT NO.:** 200-16347-14001

**SAW:** Sterling Relief Drain SAW

**REPORTING PERIOD**  
**FROM DATE:** JUNE 22, 2018

**REPORTING PERIOD**  
**TO DATE:** JULY 27, 2018

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Following is a summary of services completed during the timeframe indicated above and the anticipated tasks for the next month:

**Tasks accomplished during the reporting period:**

1. Enclosed Gravity Pipes
  - a. Continue Updating GIS Network and complete attribute population
  - b. Draft Final Report
  - c. Update Asset Inventory spreadsheet with additional assets
2. Open Channel
  - a. Started Drone Flight of Drain Completed
3. Miscellaneous
  - a. Project Status Meeting
  - b. Began Fence Inspection per meeting request.
  - c. Update Asset Spreadsheet

**Anticipated tasks for the upcoming reporting period:**

- a. Review adding Land as asset.
- b. Complete and submit BRE/CIP Spreadsheet.
- c. Complete Draft Deliverables.
- d. Complete updating GIS Network
- e. Possible CCTV of Lateral Connections
- f. Drain access recommendations
- g. Process Drone Flight data.

**Previously Requested Information/Actions from MCPWC:**

1. None for this period

**New Requested Information/Actions from MCPWC:**

1. **Outfall Inspection Form**

**Schedule Issues:**

1. None for this period. No change in schedule.

**Budget:**

Spent to Date: \$225,453.02

Budget Remaining: \$194,546.98

No Issues this period

cc: Ms. Maria Sedki, PE – FTCH

STERLING RELIEF DRAIN - 9/10/18

| <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<br>State of MI - 3.29%<br>Macomb County - 7.79%<br>Sterling Heights - 88.93%<br>SAW 1208-01<br>(Closing date 10/2018) | Bednar         | Tetra Tech, Inc. | \$ 15,042.56  | Invoice #51341191 - 8/9/18<br>Engineering Services - ending 7/27/18 | GPS Survey, CCTV, Processing GPS Data | \$ 168,909.03          |
| <b>Total</b>          |                                                                                                                                  |                |                  | \$ 15,042.56  |                                                                     |                                       |                        |

**YTD Trial Balance**

**Fund: Sterling Relief**

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

|                            | <b>O&amp;M Balance<br/>9/30/2017</b> | <b>O&amp;M</b> | <b>Total<br/>8/31/2018</b> |
|----------------------------|--------------------------------------|----------------|----------------------------|
| <b>Cash - Operating</b>    | 119,702                              | 7,374          | 127,076                    |
| <b>Accounts Receivable</b> |                                      |                | 0                          |
| <b>Assets</b>              |                                      |                | 0                          |
| <b>Liabilities</b>         |                                      |                | 0                          |
| <b>Revenues</b>            |                                      | 18,824         | 18,824                     |
| <b>Expenditures</b>        |                                      | 11,450         | 11,450                     |
|                            |                                      |                |                            |
| <b>Equity</b>              | 119,702                              |                | 127,076                    |
|                            |                                      |                |                            |

| <u>NOTES</u> | <b>Grant</b> | <b>Match</b> | <b>Total</b> |
|--------------|--------------|--------------|--------------|
| SAW 1208-01  | 377,586      | 41,954       | 419,540      |
| YTD          | (208,678)    | (23,186)     | (231,864)    |
| Remaining    | 168,908      | 18,768       | 187,676      |