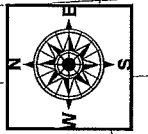


Miller
Santo
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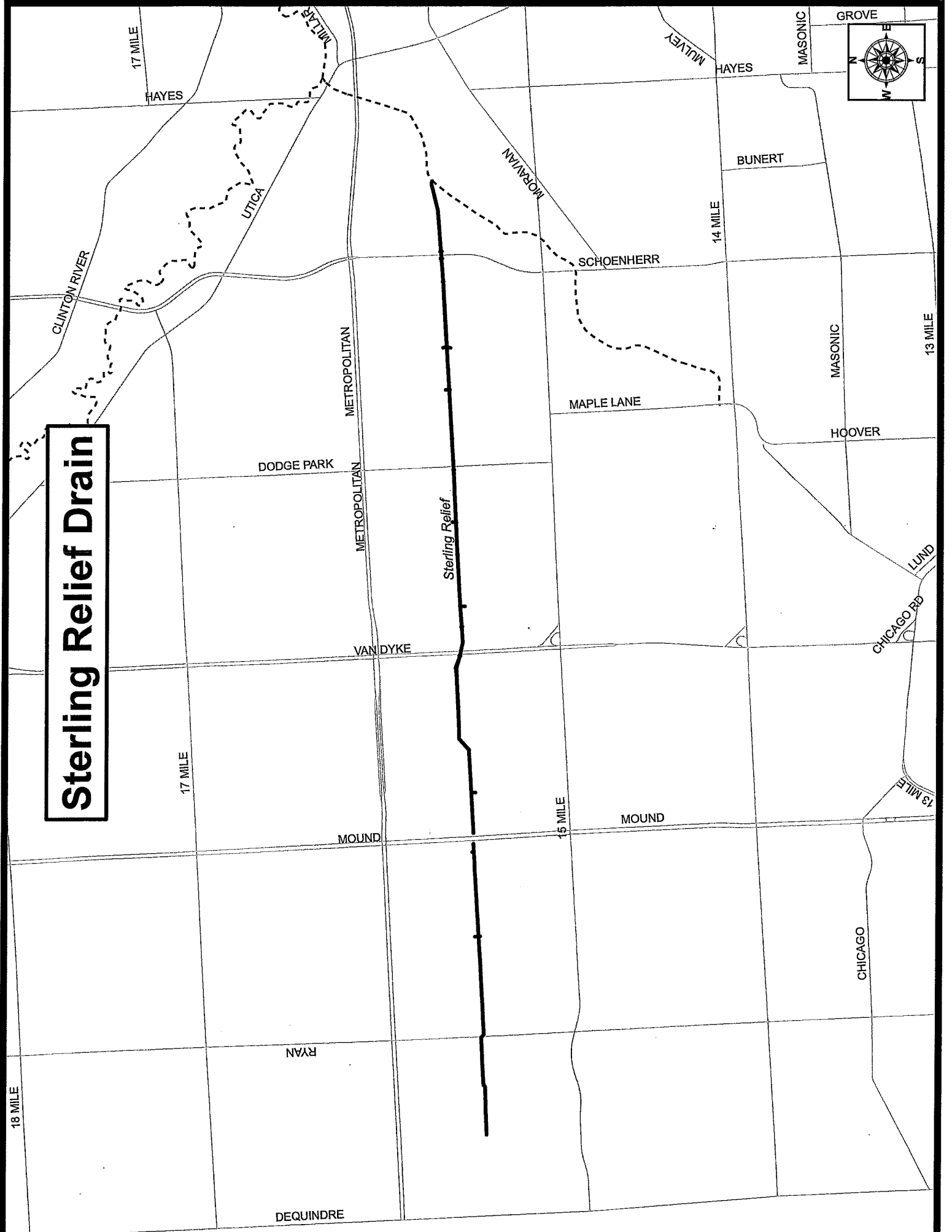
STERLING RELIEF DRAIN
INTRA-COUNTY DRAINAGE BOARD
APRIL 10, 2017
11:00 A.M.
AGENDA

Page No.

1. Call of meeting to order and roll call
2. Approval of Agenda for April 10, 2017
3. Approval of minutes of meeting February 13, 2017 1
4. Public participation
5. Consideration for approval of invoices (see attached) 3
6. Financial Report – Bruce Manning 4
7. Adjourn



Sterling Relief Drain



18 MILE

17 MILE

15 MILE

14 MILE

13 MILE

13 MILE

HAYES

HAYES

BUNERT

MASONIC

HOOVER

MOUND

RYAN

DEQUINDRE

VANDYKE

DODGE PARK

METROPOLITAN

MAPLE LANE

SCHOENHERR

MORJAN

UTICA

CLINTON RIVER

CHICAGO RD

CHICAGO

MASONIC

GROVE

MULVEY

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 February 13, 2017, at 10:00 A.M.

PRESENT: Candice S. Miller, Chair
Robert Smith, Member
Veronica Klinefelt, Member

ALSO PRESENT: Brian Baker, Chief Deputy, Karen Czernel, Deputy, Keith Graboske, Chief Engineer, Dan Heaton, Public Relations Manager, Anthony Forlini, Operations Manager, Evans Bantios, Engineer II, Bruce Manning, Acting Financial Manager, Barbara Delecke, Administrative Services, Macomb County Public Works; Mary Bednar, Director of Public Services, Clinton Township; Ron Trombly, Supervisor, Cam Trombly, DPW Director, Lenox Township; Jason Castol, P.E., Sterling Heights; Sermed Saif, Tri-County Engineering; Benjamin Aloia, Annemarie Lepore, Aloia & Associates; Don Gardner, Macomb Daily; Christina Hall, Detroit Free Press;

The meeting was called to order by the Chair, Candice Miller. The meeting was opened to public participation, then closed, there being no comments from the public.

Past board members not present to approve Minutes. Minutes of the meeting of November 15, 2016 were presented and approved on a motion by Mr. Smith, supported by Ms. Klinefelt and unanimously carried.

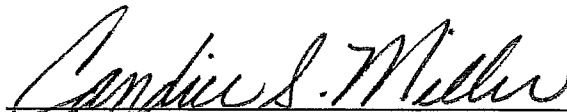
The Chair presented the invoices to the board for review and approval.

Motion was made by Mr. Smith, supported by Ms. Klinefelt to approve the invoices as presented.

Ayes: Smith, Klinefelt, Miller
Nays: None

Motion approved.

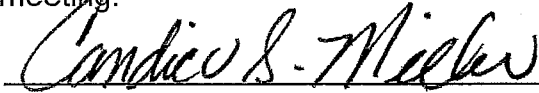
The meeting was adjourned on a motion by Mr. Smith, seconded by Ms. Klinefelt, and unanimously approved.



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 February 13, 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, Chair
Macomb County Public Works Commissioner

DATED: 2/15/17

8607.bd

Sterling Relief Drain - 4/10/17

<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>
Sterling Relief Drain	Chapter 20 State of MI - 3.29% Macomb Co. - 7.79% Sterling Heights - 88.93% SAW 1208-01	Seymour	Tetra Tech, Inc.	\$ 2,806.38	Invoice #51153087 Engineering Services - ending 2/24/17	GPS Survey, CCTV, Processing GPS Data	\$345,556.54 Plus 10% Match Requirement
Total				\$ 2,806.38			

YTD Trial Balance
Fund: Sterling Relief
As of Fiscal Period: Oct 1, 2016-Mar 31, 2017

	O&M	SAW 1208-01 ⁽²⁾	YTD Balance
Cash - Operating	130,685.69	41,201.55	171,887.24
Accounts Receivable			0.00
Assets			0.00
Liabilities⁽¹⁾		2,806.38	2,806.38
Revenues	23,989.72	26,182.61	50,172.33
Expenditures	3,555.09	12,438.12	15,993.21
			0.00
Equity	110,251.06	24,650.68	134,901.74
	0.00	0.00	0.00

NOTES

- 1) A/P Tetra Tech 2,806.38
 2) Funds for the SAW grant are requested on a monthly basis and requires a 10% match
 Remaining balance = 605,338.00

MONTHLY PROGRESS REPORT

TO: Ms. Lynne Seymour, PE – Macomb County Public Works Commissioner's Office (MCPWC)

PREPARED BY: G. Seghi/K. Kingsley

FIRM: Tetra Tech

DATE: March 30, 2017

PROJECT NO.: 200-16347-14001

SAW: Sterling Relief Drain

REPORTING MARCH 1, 2017
PERIOD
FROM DATE:

REPORTING March 30, 2017
PERIOD
TO DATE:

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

Tasks accomplished during the reporting period:

1. GPS Survey
 - a. GPS survey is complete for the Sterling Relief Drain with the exception of a few outliers outside of the drain ROW and structures we could not find which we will pick up at a later date after further investigation. We have collected approximately 345 points/ground shots to date.
2. Contract for CCTV Vendor
 - a. CCTV vendor we selected is Terra Contracting Services, LLC. We have not scheduled a date for beginning the CCTV work at this time.
3. Processing GPS Data
 - a. Continuing to reviewing the GPS data as compared to the existing drain. In general the data appears to be in line with the existing data.

Anticipated tasks for the upcoming reporting period:

I expect things to be very slowly pick up during April. We hope to schedule the open channel walk in the coming months weather depending.

1. Process the Survey data approximately 1.5 miles.
 - a. Process the survey data and make corrections to the GIS network.
2. Test the database checking process with processed data.
 - a. Once the GIS network has been updated, we will check in the database and verify the process is working as expected.

Previously Requested Information/Actions from MCPWC:

1. None at this time

New Requested Information/Actions from MCPWC:

1. None at this time

Schedule Issues:

1. None

Budget Issues:

1. None

Drain Issues Found During Survey:

1. During this time period, the GPS survey crew has found additional structures which were of some concern. Below is a list of the issues and attached is a map showing all the structures we have found to date with possible safety issues. (see attached Map)

Survey Point Number	Issue Found	Map Page
68	MH Cover Missing	8
183	MH Cover Missing	13
184	Vault with missing grates.	12
157	MH casting needs to be reset on manhole	16
117	MH casting needs to be reset on manhole	11
185	CB broken cover	11
150	Manhole needs repair	15
149	Manhole casting needs to be reset.	15
173	CB cover needs repair	16
8	CB casting needs to be reset.	1
34	MH structure missing grate	4
37	MH concrete needs repair at cover	5
41	MH concrete needs repair at cover	10
211	13'x9' Vault missing grates	9
220	MH casting and chimney need repair	9
229	20' – 30' of collapsed pipe needs repair.	10

cc: Ms. Maria Sedki, PE – FTCH