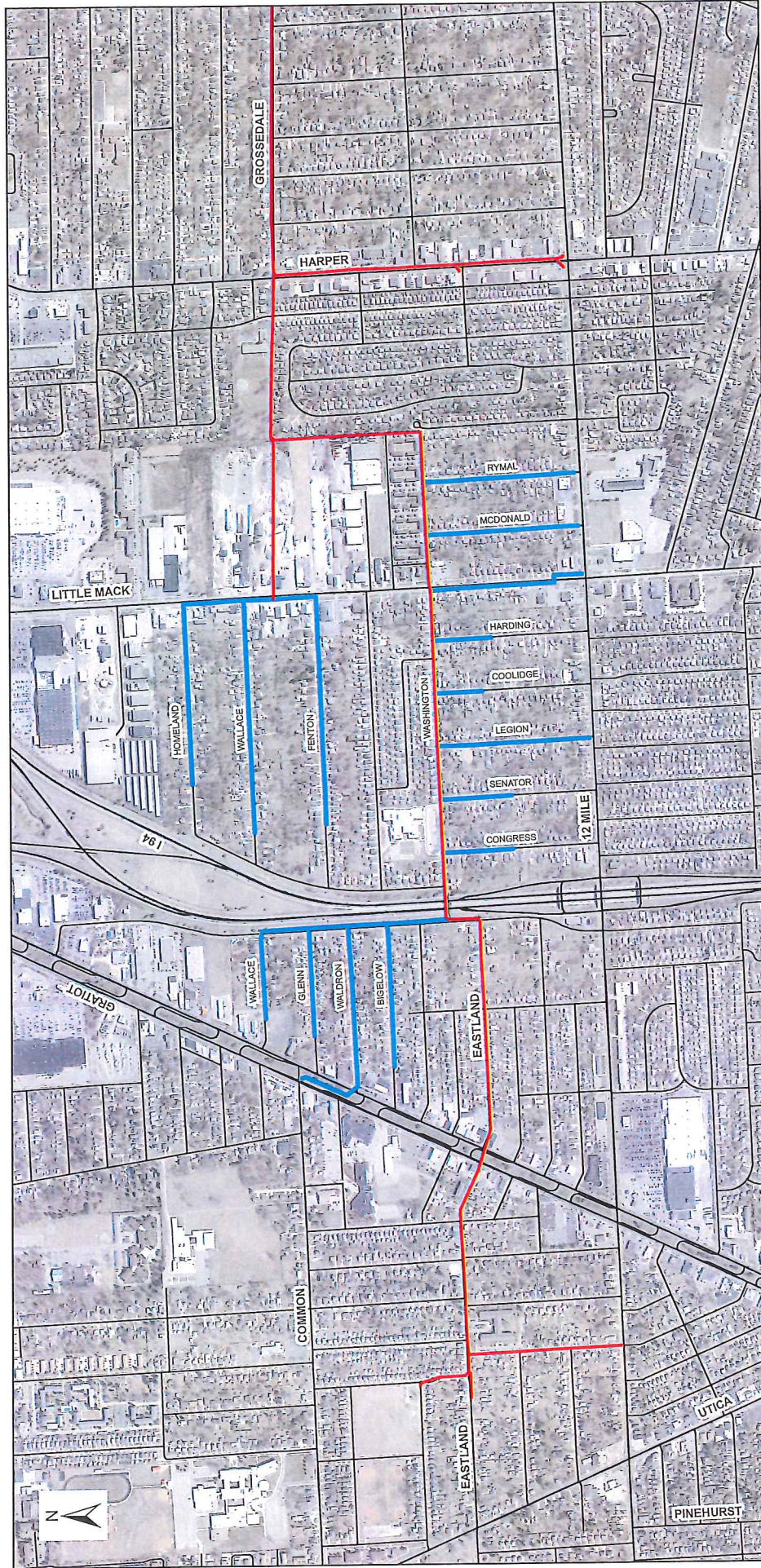


LAKE BOULEVARD RELIEF DRAIN – ROSEVILLE BRANCHES  
INTRA-COUNTY DRAINAGE BOARD  
NOVEMBER 18, 2019  
10:15 A.M.  
AGENDA

	Page
1. Call of meeting to order and roll call	
2. Approval of Agenda for November 18, 2019	
3. Approval of Minutes November 25, 2003	3
4. Public Participation	
5. Project Update – Jeff Bednar	5
Motion: To transfer \$71,181 of surplus funds from the Lake Boulevard Relief Drain – Roseville Branches Drain account to the Lake Boulevard Relief Drain in order to inspect the Lake Boulevard Roseville Branches while the main relief drain pipe is already dewatered.	
6. Financial Report – Bruce Manning	7
7. Adjourn	

# LAKE BOULEVARD RELIEF - ROSEVILLE BRANCHES - ENCLOSED

ROSEVILLE - CHAPTER 20



### Legend

— Lake Boulevard Relief

— Lake Blvd - Roseville Branches



Drain Length (Feet/Miles):  
20,342.30 / 3.853



An adjourned meeting of the Intra-County Drainage Board for the **BURR RELIEF NO. 2, EIGHT AND ONE-HALF MILE RELIEF DRAIN, HAYES DRAIN, LAKE BOULEVARD RELIEF DRAIN – ROSEVILLE BRANCH, LAKE ST. CLAIR CLEAN WATER INITIATIVE (ST. CLAIR SHORES – ROSEVILLE – EASTPOINTE) DRAIN, PLUMBROOK BRIDGE REPLACEMENT DRAIN, 17 MILE EXTENSION DRAIN, SHELBY CONSOLIDATED DRAIN – SE, WARREN CATCH BASIN REPAIR PROJECT NO. 6** was held in the Office of the Macomb County Public Works Commissioner, 115 S. Groesbeck, Mt. Clemens, Michigan, on November 25, 2003, at 8:30 A.M.

PRESENT: William Misterovich, Acting Chairman  
Nancy White, Member  
William Revoir, Member

ALSO PRESENT: Diana Kolakowski, Secretary to the Board  
Robert Sinnamon, Coordinator  
Nancy Eckman, Finance Officer  
Brent Avery, Operations Manager  
Bruce Berend, Plante Moran  
David Grubb, Plante Moran

The meeting was called to order by the Acting Chairman, William Misterovich. The meeting was opened to public participation, then closed, there being no comments from the public.

Minutes of the meetings were presented and approved on a motion by Mr. Revoir, supported by Ms. White and unanimously carried.

Burr Relief No. 2 Drain – April 10, 2003, May 27, 2003, September 23, 2003 and October 14, 2003  
Eight and One-Half Mile Relief Drain – November 12, 2003  
Hayes Drain – April 10, 2003, May 27, 2003 and October 14, 2003  
Lake Boulevard Drain – May 27, 2003  
Plumbrook Bridge Replacement Drain – April 10, 2003, May 27, 2003, August 26, 2003 and October 14, 2003  
Seventeen Mile Extension Drain – March 12, 2003 and October 14, 2003  
Shelby Consolidated Drain – SE Section – September 9, 2003  
Warren Catch Basin Repair Project No. 6 – May 27, 2003 and May 27, 2003

The Chairman presented an invoice from Plante Moran in the amount of \$18,100 for a financial review of ten Chapter 20 drain accounts, as authorized by a previous Drain Board. Discussion ensued. Bruce Berend of Plante Moran provided a history of the project and explained why the final report was very brief. In reply to a question from the Chairman, Mr. Berend confirmed that Plante Moran found no irregularities in the accounts. Following further discussion, motion was made by Ms. White, supported by Mr. Revoir to approve the payment of invoice in the amount of \$18,180.00, to be divided equally among the ten drains listed.

Ayes: White, Revoir, Misterovich  
Nays: None

Motion approved.

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



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William Misterovich, Acting Chairman  
Chief Deputy 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 November 25, 2003, 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.



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William Misterovich, Acting Chairman  
Chief Deputy Public Works Commissioner

DATED: 12/1/03

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**Candice S. Miller**

Public Works Commissioner  
Macomb County

## Memo

**To:** Brian Baker – Chief Deputy

**From:** Jeff Bednar, PE, CFM - Environmental Resources Manager

**Date:** November 13, 2019

**Re:** Proposed Scope Revision on the Lake Blvd Relief Drain SAW Project

We are currently conducting an inspection of the Lake Blvd Relief Drain as part of a \$470,168 SAW funded grant project. The original scope of the grant contemplated inspection of the main branch of the Lake Blvd Relief Drain which amounts to 27,050 lf of pipe inspection, plus manhole inspection and gis survey.

Due to cost savings realized through the SAW grant inspections, we are able to re-negotiate contracted costs and add branches to the SAW inspection. Since the inspection requires bulkheading and dewatering the pipes at their outlet to Lake St. Clair, this is an ideal time to inspect the Lake Blvd Roseville Branches and Lake Blvd St. Clair Shores Branches while the pipes are dewatered.

However, the SAW funding does not cover 100% of the cost. In order to inspect the additional 21,390 lf of pipes in the Roseville Branches, we will need to allocate \$71,181 from the Lake Blvd Relief - Roseville Branches account to the main branch account. The cost to inspect the Roseville Branches is about 36% of the total project, or \$204,192, so the inspection and inventory is getting done at a fraction of the cost.









Likewise, in order to inspect the additional 10,240 lf of pipes in the St Clair Shores Branches, we will need to allocate approximately \$18,819 from drain accounts in St Clair Shores to the Lake Boulevard Relief account. The cost to inspect the St. Clair Shores Branches is about 17% of the total project, or \$97,752, so the inspection and inventory is also getting done at a fraction of the cost. These savings are due to the project efficiencies in the SAW grant project. We propose the funds be transferred as follows: \$17,242 from the SCS Catch Basin drain account and \$1,577 from the 11.5 Mile SCS drain account.

The needed funds are already in these drain accounts, so no additional cost is incurred by Roseville or St. Clair Shores. Let me know if you have any additional questions. If in agreement, a contract modification will be prepared and presented to the Lake Blvd Relief Drain Board.

# LAKE BOULEVARD RELIEF & BRANCHES (ROSEVILLE & ST. CLAIR SHORES)

## ENCLOSED - ROSEVILLE / ST. CLAIR SHORES - CHAPTER 20



- Legend**
-  Culvert
  -  Major Roads
  -  Enclosed Gravity
  -  Open Channel
  -  Drain
  -  Pond
  -  < 60" Dia
  -  >= 60" Dia



Drain Length (Feet/Miles):  
56,412.17 / 10.68



YTD Trial Balance

Lake Blvd-Roseville Branch

As of Fiscal Period: Oct 1, 2019-Oct 31, 2019

	O&M Balance 9/30/2019	O&M	Total 10/31/2019
Cash - Operating	68,616	2,565	71,181
Accounts Receivable			0
Assets			0
Liabilities			0
Revenues		2,565	2,565
Expenditures			0
Encumbrance			0
Equity	68,616		71,181