

LOOKING GLASS RIVER INTERCOUNTY DRAIN

DRAINAGE BOARD MEETING

Thursday, October 27, 2016
Clinton County Courthouse
St. Johns, Michigan 48879

PRESENT: Michael Gregg, Michigan Department of Agriculture & Rural Development
Phil Hanses, Clinton County Drain Commissioner
Carla Clos, Ingham County Deputy Drain Commissioner
Tony Newman, Shiawassee County Drain Commissioner
Ken Recker, Livingston County Deputy Drain Commissioner

ALSO PRESENT: Alan Boyer, LSG Engineers & Surveyors
Jenna Jullie, Shiawassee County Deputy Drain Commissioner
Rod Taylor, DeWitt Township Manager
Sidney Grinnell, Perry Township Supervisor
Carl C. Schaaf, Woodhull Township resident
Phillip Matthews, Sciota Township Supervisor
Michael Svendsen, DeWitt Township Resident

Chairman Gregg called the meeting to order at 2:05 p.m.

MOTION by Clos to have Clinton County serve as secretary. **SECOND** by Newman. **MOTION CARRIED** unanimously.

MOTION by Hanses to approve the agenda as presented by Chair Gregg. **SECOND** by Clos. **MOTION CARRIED** unanimously.

MOTION by Clos to approve the minutes of September 8, 2016 as presented. **SECOND** by Hanses. **MOTION CARRIED** unanimously.

Boyer presented a progress report and his draft copy of the bid documents and specifications for the 2016 maintenance project to the board members and those in attendance. He walked the nine miles proposed for maintenance and compiled bid documents including a plan view and reference to photographs of the conditions in the drain at specific locations. The work area was divided into two sections, one from Fenner Road upstream to M-52, and the other from M-52 upstream to Tyrrell Road. This was done because of differing soil conditions with the downstream section consisting of organic soils where spoil banks have subsided to a low level and the upstream sections consisting of spoil banks five to eight feet high. This may change how a contractor approaches the work so that is why it was broken into two project reaches and contracts. Mike Nurse from Streamside Ecological Services will walk the project area to review for any environmentally sensitive areas that we should be concerned with. That review should be done next week. A meeting with Carol Valor with MDEQ will be arranged as necessary.

Much discussion took place about the project. Shiawassee County will accept responsibility for treatment of live stumps to prevent regrowth. Trees and other debris will be removed from the drain channel but not necessarily off site. We could possibly solicit help from the Friends of the Looking Glass to remove trash and debris from the job site. The intent is to work from one side of the drain but there may be sections where it will be necessary from both sides.

After some discussion, the board chose not to require a performance bond for this project. A mandatory pre-bid meeting will be held.

MOTION by Newman to authorize LSG to finalize bid documents and specifications pending final review and comments from board members and prepare for bid letting to be held at 2:00 p.m. November 21 at the Shiawassee County Drain Commissioners office. SECOND by Recker. MOTION CARRIED unanimously.

Board members are directed to provide a list of prospective bidders to LSG who will send invitations to bid. A notice will also be printed in a Shiawassee County newspaper. A mandatory pre-bid conference will be scheduled in the week prior to the bid opening. A bid deposit will not be required to submit a bid.

Boyer updated the board on the status of their review of district boundaries. The LiDAR data for Shiawassee County is still not available so the boundary is not yet complete.

Jullie and Newman distributed a financial report. Several invoices have not been approved and remain unpaid. Shiawassee's revolving fund is not sufficient to pay all of the bills. Since a borrowing will be required to pay for the maintenance work and those costs are still unknown, the board chose to defer approval and payment of some of the bills until the next meeting.

MOTION by Haneses to pay one of the outstanding LSG invoices, No. 2526 in the amount of \$6,820. SECOND by Newman. MOTION CARRIED unanimously.

There was no old/new business.

Public Comment: Haneses noted DeWitt Township received an estimate to remove log jams from the river through the township. The estimate was \$15,000 to remove 20 log jams. No word as to whether the township will act on this.

The next meeting is scheduled for Monday, November 21, 2016, 2:00 p.m. at the Shiawassee County Drain Commissioners office.

MOTION to adjourn by Haneses. SECOND by Recker. MOTION CARRIED unanimously.

Meeting adjourned at 4:01 p.m.

Respectfully submitted,



Phil Haneses, Secretary

AGENDA

Looking Glass River Intercounty Drain Drainage Board Clinton, Ingham, Livingston, and Shiawassee Counties

2:00 p.m., Thursday October 27, 2016

Clinton County Courthouse
Second Floor
Board of Commissioner's Room
100 East State Street
St. Johns, Michigan

1. Call the meeting to order and introduce the Board Members and Engineer

Board Members

Michael Gregg, Chair, Michigan Department of Agriculture & Rural Development
Phil Hanes, Clinton County Drain Commissioner
Patrick Lindemann, Ingham County Drain Commissioner
Brian Jonckheere, Livingston County Drain Commissioner
Anthony Newman, Shiawassee County Drain Commissioner

Engineer: Alan Boyer, P.E. LSG Engineers & Surveyors

2. Motion to elect a secretary
3. Review and approve the agenda
4. Review and approve the September 8, 2016 meeting minutes
5. Receive a progress report from LSG Engineers and Surveyors/Streamside Ecological on the scope of recommended maintenance work and evaluation of MDEQ requirements
6. Receive a status report from LSG Engineers and Surveyors regarding the status of their review of the district boundaries and take appropriate action
7. Authorize the payment of all properly presented invoices, drain orders, and vouchers
8. Discuss old/new business
9. Receive public comment
10. Set the date, time, and location of the next meeting
11. Adjourn

PLEASE SIGN IN

Looking Glass River Intercounty Drainage Board Meeting
 October 27, 2016 at 2:00 P.M.

NAME	ADDRESS
CARL E. SCHAAF	8351 winegar rd Perry, MI 48857
Phil Matthews	6401 S Austin Rd Lansing, MI 48848
MICHAEL SVENDSEN	2125 W. CLARK RD DEWITT 48820
Rod Taylor	Dewitt Township
Jennifelle	Shawassaw
Alan Boyer	LSC Eng. & SUR
Sid GRIMMILL	Perry Township
Carla Clas	Ingham County Drain Comm. Office
KEN RECKER	Livingston Co. DRAIN - RIVER, HOUSE 2300 E. GRAND
Tony Newman	Shia Co. Dr Com.
Mike Gregg MDARD	525 W. A. Noyes Lansing

STATUS MEMO/REPORT

To: Looking Glass River Intercounty Drain Drainage Board
Mike Gregg, Chair MDARD
Phil Hanses, Member Clinton County Drain Commissioner
Pat Lindemann, Member Ingham County Drain Commissioner
Brian Jonckheere, Member Livingston County Drain Commissioner
Tony Newman, Member Shiawassee County Drain Commissioner

From: Alan Boyer

Date: October 27, 2016

RE: Looking Glass River Inspection for Flood Wood, Trees and Log Jams - Status

LSG has completed a walking inspection of 9 river miles in Shiawassee County from Tyrrell Road (roughly the middle of Section 32, Shiawassee Township) to Fenner Road (roughly the middle of Section 36 of Sciota Township). The walking survey included:

- Identify presence and location of existing spoils along the river channel;
- Presence and locations of log jams, deadfalls, etc. in the channel; and,
- An estimate of low ground/wetland areas.

Findings and maps have been provided to Streamside Ecological Services. On review of the mapping, findings and soils information, Streamside will walk the reach of the channel between approximate Stations 1045+00 (about ¼ mile east of Beardslee Road) and 1130+00 (about 3/8 mile west of M-52). This is an area of organic soils where the soil banks have subsided, possibly necessitating wetland crossings. Streamside will also spot check the remainder of the reach for other environmentally sensitive areas. Streamside's inspection is scheduled for the week of October 31, 2016.

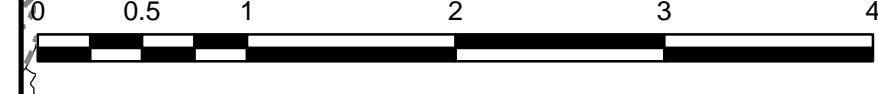
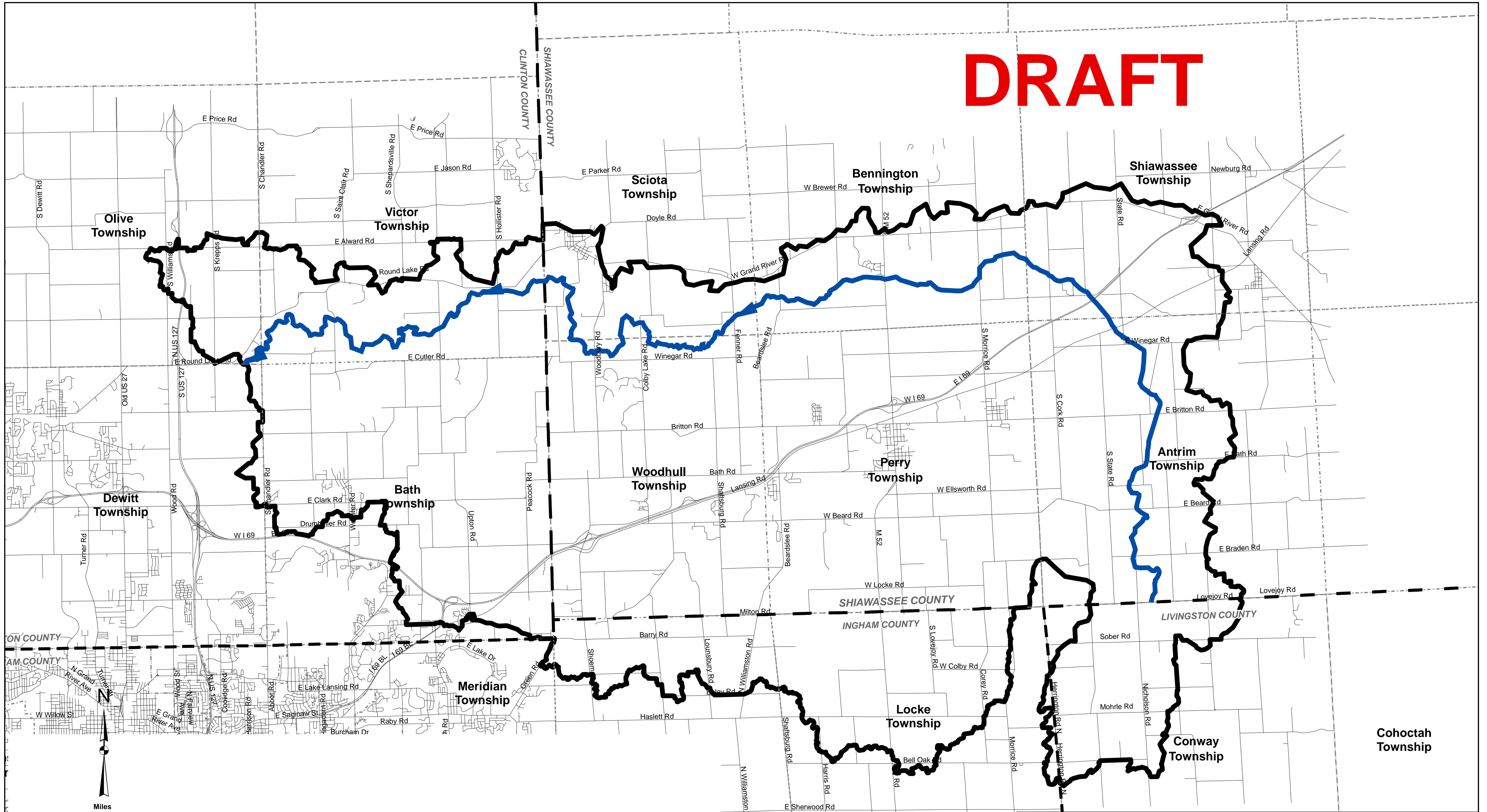
LSG has prepared bid packages for the maintenance work to remove from the channel flood wood, log jams and trees. At the request of Shiawassee County, the work was divided into two contracts to allow for a variety of contractors with different equipment. The division between contracts is at M-52. Upstream the drain is a typical drain channel with spoil banks. Downstream is the area that includes organic soils and may require different equipment and mud mats.

The schedule for the pre-bid meeting, bid opening and work is still open. Shiawassee County has indicated a preference for the work to begin after deer hunting firearm season. Landowners along the river have expressed the same.

Shiawassee County is contacting Chris Clampett of MDEQ regarding a meeting. No meeting date has been determined at this time.

Finally, attached is a DRAFT map of the Looking Glass River Intercounty Drain Drainage District. The map shows the APPROXIMATE acreages and percentages for each of the four counties based on the district being defined by the point of beginning of the 1886 drain improvements. More accurate acreages and percentages will not be available until the LiDAR topographic data is available for Shiawassee County. However, we do not anticipate that they will change to a great degree.

DRAFT



- Legend**
- ESTABLISHED IC DRAIN
 - PROPOSED DRAINAGE DISTRICT
 - ROADS
 - COUNTY BOUNDARIES

NOTES:
 This information is based on a partial review of surrounding drainage districts and topographic data available from Clinton, Livingston and Ingham Counties. No topographic data for Shiawassee County is yet available as of the date of this map.

DRAFT COUNTY ACREAGE BREAKDOWN:

CLINTON COUNTY:	29,353.2 AC.	24.17 %
INGHAM COUNTY:	13,271.0 AC.	10.93 %
LIVINGSTON COUNTY:	6,083.4 AC.	5.01 %
SHIAWASSEE COUNTY:	72,737.4 AC.	59.89 %
TOTAL:	121,445.0 AC.	100 %

Looking Glass River Intercounty Drain Proposed Drainage District

3135 Pine Tree Rd., Suite D
 Lansing, MI 48911
 (517) 393-2902



Date: DRAFT 20161027