AGENDA
Board of Public Works Meeting
Tuesday, July 29, 2014 – 7:00 P.M.
Jackson Village Hall
N168W20733 Main Street

1. Call to Order and Roll Call.

2. Approval of Minutes for June 24, 2014, meeting.

3. Paradise Park and Ride Detour Route – Update.

4. Mid Moraine Water Quality Collective Agreement.

5. Dallmann Village Phase 2 – Master Grading Plan - Update.

6. Director of Public Works Report.

7. Citizens/Village Staff to address the Board.

8. Adjourn.

Persons with disabilities requiring special accommodations for attendance at the meeting should contact the Village Hall at least one (1) business day prior to the meeting.

It is possible that members of the Village Board may attend the above meeting. No action will be taken by any governmental body at this meeting other than the governmental body specifically referred to in this meeting notice. This notice is given so that members of the Village Board may attend the meeting without violating the open meeting law.

DRAFT MINUTES
Board of Public Works Meeting
Tuesday, June 24, 2014 – 7:00 P.M.
Jackson Village Hall
N168W20733 Main Street

1. **Call to Order and Roll Call.**

   Chairman Tr. Don Olson called the meeting to order at 7:00 p.m.
   Members present: Tr. Jack Lippold, Tr. Scott Mittelsteadt, Brian Heckendorf, Linda Granec, Corinne Benson, and Scott Thielmann.
   Members excused: None.
   Staff present: Brian Kober

2. **Approval of Minutes for May 27, 2014, meeting.**

   Motion by Corinne Benson, second by Linda Granec to approve the minutes of the May 27, 2014, Board of Public Works meeting.
   Vote: 7 ayes, 0 nays. Motion carried unanimously.

3. **Request for no parking on the East Side of Stonewall Dr. North of Georgetown Dr.**

   Director of Public Works, Brian Kober presented maps of Stonewall Drive and Georgetown Drive. Discussion ensued of how far no parking needed to be. Brian Heckendorf expressed concerns of parking around the curve. Discussion of parking on North Stonewall Dr. on the Eastside of road, North East of Georgetown Dr. just past the clubhouse.
   Motion by Brian Heckendorf, second by Tr. Lippold to direct staff to draft ordinance as discussed and send to the Village Board.
   Vote: 7 ayes, 0 nays. Motion carried unanimously.

4. **Review of Bids for Painting of the White Water Tower with Logos.**

   Brian Kober, stated that this item comes back to the Committee from the Village Board for research on possible logos. Brian reviewed the quotes with the Board. The original quote from Superior Tank was for $41,500; an additional $5,500 for three color logo; or an additional $9,900 for four color logo with shadowing. Discussion ensued of the logos and a band at the bottom. Discussion ensued of a darker color on the bottom of the water tank to hide the mold. Discussion of changing logos ensued. Brian Kober commented that the tower needs to be painted in July or August.

   Motion by Tr. Lippold, second by Scott Thielmann to move the item to the Village Board without recommendation to the meeting in July. Brian Kober to get additional pricing.
   Motion carried 5-2; Tr. Mittelsteadt and Brian Heckendorf voted no.

   Discussion continued. Linda Granec commented that she would like to see money spent on the banding. Discussion of the mold ensued. This is the first time it has been painted since 1995. Brian Kober commented that impact fees will be used for the project.

DRAFT

Additional Motion by Linda Granec, second by Tr. Mittelsteadt to keep the logo lettering the way it is and to look at banding. Motion carried 5-1-1; Tr. Lippold voted no. Corinne Benson abstained.
The color of the water towers was questioned. One tower is blue. Brian commented he would like to paint the next tower in a couple years.

5. Review of Bids for the WWTP Digester Improvement Project.

Brian Kober presented information on the Digester Improvements. The two bids were reviewed. This project will be funded by the Sewer Service Connection Fee Account. Motion by Tr. Mittelsteadt, second by Corinne Benson to recommend Sabel Mechanical LLC in an amount not to exceed $367,900.00.
Vote: 7 ayes, 0 nays. Motion carried unanimously.

6. Dallmann Village Phase 2 – Master Grading Plan Update.

Brian Kober reported that this was reported on at the Village Board meeting. The Village Board ordered the fill site to be closed until a proper grading plan for the property is submitted. He noted a copy of a photo of a handwritten grading plan. Currently, they are dumping stone and milling at the site. Northshore Engineering has been collecting field data, but the wet weather has not been helping. Brian continued that he has requested that the swale line be moved to the East property line. Brian has been working with Steve Horn from PTS Contractors, Inc. as the property owner does not return calls. Last year the Village Board approved funding to install a drainage swale on the Dallmann Property, but did not receive permission to access the property.

7. Director of Public Works Report.

Brian Kober reviewed the Public Works Report.
Motion by Linda Granec, second by Brian Heckendorf to place the report on file.
Vote: 7 ayes, 0 nays. Motion carried unanimously.

8. Citizens/Village Staff to Address the Board.

Tr. Olson continued he preferred to receive the packets on the flash drives with the different folders. Brian Kober commented that the Village has looked at the use of a Cloud Drive. Tr. Olson continued that he liked that the packets were on-line for viewing.

9. Adjournment.

Motion by Tr. Lippold, second by Scott Thielmann to adjourn at 7:53 p.m.
Vote: 7 ayes, 0 nays. Motion carried unanimously.

Respectfully submitted by: Deanna L. Boldrey

DRAFT

DETOUR PROPOSAL for SOUTHEAST REGION

Date: 7/22/2014

Project No.: **2707-03-71** Highway (or Local Street Name): USH 45/Paradise Drive County: Washington

Project Location: Paradise Drive Park and Ride Lot 66-55

Type of Work: Recondition

Anticipated Dates that Detour will be in Effect: From: August 2014 To: October 2014

Route to be detoured: Paradise Drive Park and Ride Lot 66-55

SUGGESTED DETOUR ROUTE: (Include detailed maps w/limits of construction shown in red and detour route shown in green) Parkway Drive, Paradise Drive, USH 45, STH 60, CTH P, Apple Lane. See Attachment.

Detour Route to be signed and signing maintained by: Contractor

DOT Project Manager: Heather Sackman DOT Project Team Leader: Martin Villaca

Design Consultant (If applicable): N/A

SE REGION SECTION REVIEW :(Sign; date; circle Y or N at the right concerning comments and place comments, if any, on page 2)

	Signature	Date	Comments Included?
1. TU 1, TRAFFIC OPERATIONS			Y N
2. MAINTENANCE UNIT, HIGHWAYS			Y N
3. PROJECTS TEAM * PDS U7	Heather Sackman	7/22/2014	(Y) N
4. STOC **	N/A		Y N
5. TU 1, SIGNAL OPERATIONS ***			Y N

* If consultant or local government prepared Detour Proposal
*** If detour impacts a signalized intersection

6. MUNICIPALITY(IES) affected by detour (Insert name of municipality at left; sign; date; circle Y or N at the right concerning comments and place comments, if any, on page 2).

6.1 City of West Bend		July 23, 2014	Y (N)
6.2 Washington County		7-23-14	Y (N)
6.3 **Village of Jackson**		7/23/2014	Y (N)

APPROVED BY MAINTAINING AUTHORITY:

Name of Authority:	Signature:	Date:
City of West Bend		07/23/2014
Washington County		7-23-14
Village of Jackson		7/23/2014

Written approval for this use shall be obtained from the Maintaining Authority by the Projects Team, Project Manager (for in house projects) or the design consulting firm (for consultant design projects).

Southeast Region Office Use Only
Date returned to SE Region Traffic Operations: _____ **Signature:** _____

____ **SUGGESTED DETOUR ROUTE APPROVED**

____ **ALTERNATE DETOUR ROUTE:**

SECTION REVIEW COMMENTS:

1. TRAFFIC UNIT 1, TRAFFIC OPERATIONS:

2. MAINTENANCE UNIT 1, HIGHWAYS:

3. PROJECT TEAM H. Suckman (If applicable) 7/22/14

Washington County has requested the use of the Jackson Park & Ride as an alternate lot for the Paradise Drive Park and Ride lot which will be closed for construction. See attached e-mail from Washington County dated July 22, 2014.

The reason for this request is based on significant disruptions to Washington County Commuter Express bus schedules due to additional bus travel time to the originally coordinated alternate lot located on the County Grounds STH 33 & Schmidt Road) in West Bend.

Park and Ride users will be detoured to an alternate parking lot location at Apple Lane in the Village of Jackson, located in the NE quadrant of STH 60 and USH 45. A new park & ride under the jurisdiction of the Village of Jackson is present at this location (Jackson Park & Ride). Transit services will use the Jackson Park & Ride as an alternate lot during the rebuild of the Paradise Drive Park & Ride in West Bend. The Paradise Drive Park & Ride construction project was let on July 8, 2014, and construction will proceed late Summer/early Fall 2014.

OK

4. STOC (If applicable): Not applicable.

5. TRAFFIC UNIT 2, SIGNALS OPERATIONS (If applicable):

6.1 LOCAL MAINTAINING AUTHORITY (City of West Bend):

6.2 LOCAL MAINTAINING AUTHORITY (Washington County):

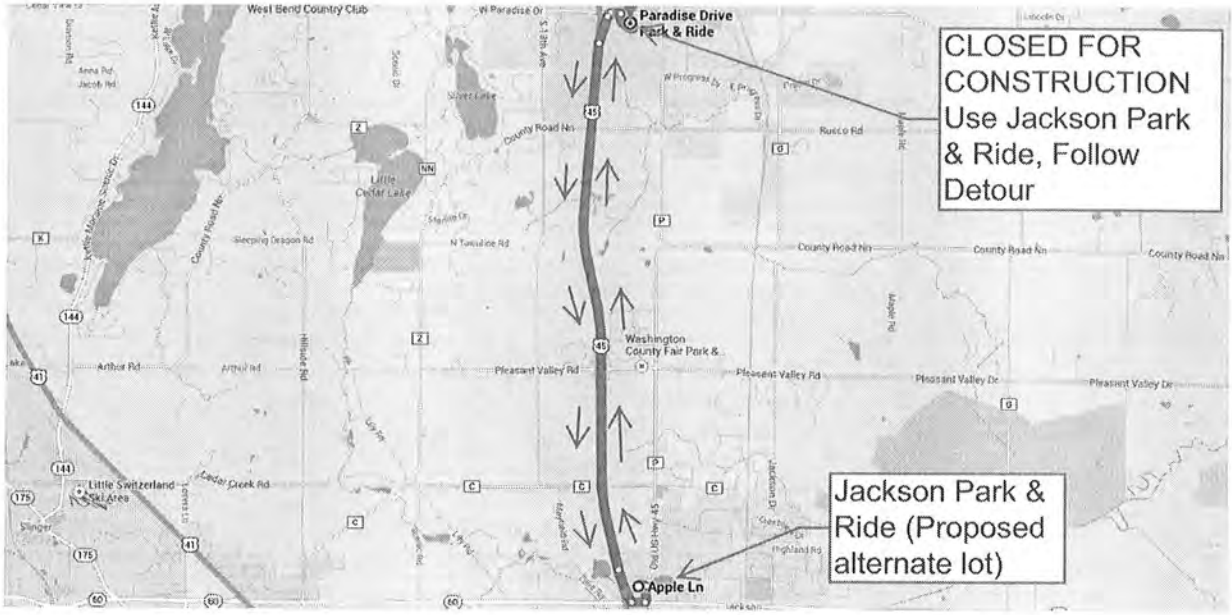
6.2 LOCAL MAINTAINING AUTHORITY **(Village of Jackson):**

OVERVIEW - PROPOSED ALTERNATE LOCATION For PARADISE DRIVE P&R Busses & Users
(During late summer/early fall 2014 construction)

Google

Drive 5.8 miles, 8 min

Directions from **Apple Ln** to **Paradise Drive Park & Ride**



Apple Ln

Jackson, WI 53037

Get on **US-45 N**

0.6 mi / 2 min

1. Head **east** on **Apple Ln** toward **Co Rd P**

338 ft

2. Turn **right** onto **Co Rd P**

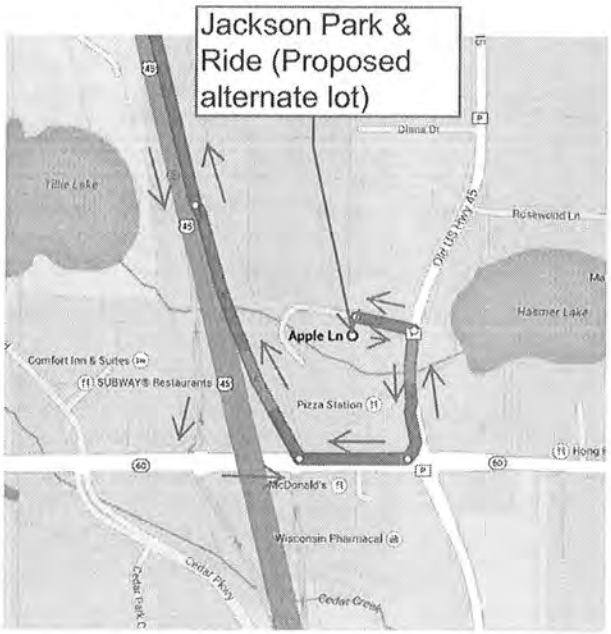
0.1 mi

3. Turn **right** onto **Main St**

0.1 mi

4. Turn **right** to merge onto **US-45 N**

0.3 mi



Follow **US-45 N** to **W Paradise Dr** in West Bend. Take exit **68** from **US-45 N**

4.8 mi / 5 min

5. Merge onto **US-45 N**

4.6 mi

6. Take exit **68** for **Paradise Dr**

0.2 mi

7. Keep **right** at the fork, follow signs for **Paradise Dr E** and merge onto **W Paradise Dr**

217 ft

Take **Parkway Dr** to your destination

0.3 mi / 1 min

8. Merge onto **W Paradise Dr**

446 ft

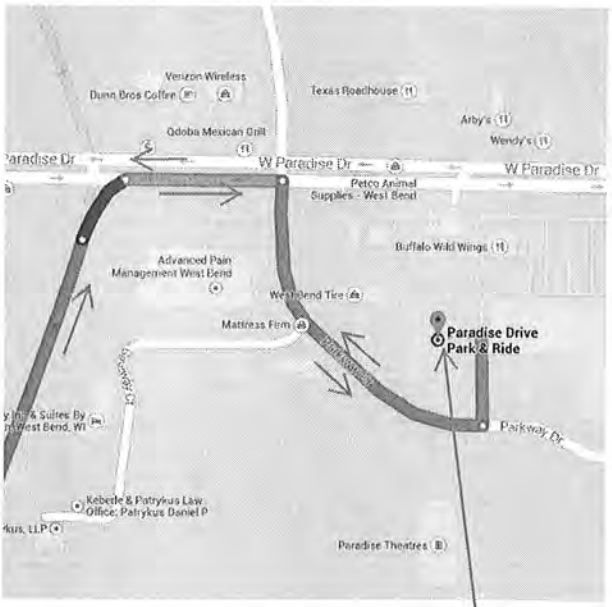
9. Turn **right** onto **Parkway Dr**

0.2 mi

10. Turn **left**

Destination will be on the left

249 ft



CLOSED FOR CONSTRUCTION Use Jackson Park & Ride, Follow Detour

Paradise Drive Park & Ride

These directions are for planning purposes only. You may find that construction projects, traffic, weather, or other events may cause conditions to differ from the map results, and you should plan your route accordingly. You must obey all signs or notices regarding your route.

Map data ©2014 Google

Villaca, Martin - DOT

From: Joseph.Steier@co.washington.wi.us
Sent: Tuesday, July 22, 2014 12:53 PM
To: Villaca, Martin - DOT
Cc: Sackman, Heather L - DOT
Subject: Fw: Jackson Park & Ride

FYI.

Joe Steier III
Transit Manager - Washington County Highway Department
900 Lang Street, West Bend WI 53090
Phone: (262)335-7700
Fax: (262)335-4439
Email: Joseph.Steier@co.washington.wi.us

---- Forwarded by Joseph Steier/Washington County on 07/22/2014 12:49 PM ----

From: Tom Wondra/Washington County
To: Joseph Steier/Washington County@Washington County
Date: 07/22/2014 10:44 AM
Subject: Jackson Park & Ride

Joe -

We will use the Jackson Park & Ride lot while the Paradise Park & Ride lot is shut down for a month. I received approval from the Village of Jackson.

Please coordinate and keep Brian Kober from the Village of Jackson informed of the schedule for the WCCE and the exact date we will begin using (and cease using) their Park & Ride lot.

Washington County will still have our Courthouse Parking Lot available as an "Alternative Park & Ride" location in West Bend for additional parking - but the WCCE will not use that stop. We will also need to prepare a newsletter or something for our riders explaining our month long service change and why other options were not feasible. (Like Wal-Mart)

Thomas A. Wondra
Highway Commissioner
Washington County
262-335-4437

The information in this email, and any attachments, may contain confidential information. Use and further disclosure must be consistent with applicable laws. However, if you believe you've received this email in error, delete it immediately and do not use, disclose or store the information it contains.

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July 7, 2014

Brian Kober PE
Director of Public Works/Village Engineer
Village of Jackson
N168 W20733 Main Street
Jackson, WI 53037

Subject: Milwaukee River Watershed TMDL/NR 217

Dear Brian,

Thank you for meeting with Dave Arnott and me on 11/25/2013 to discuss the pending Total Maximum Daily Load (TMDL), existing phosphorus rule (NR 217) and the partnership between GRAEF and Ruekert & Mielke, Inc. (R/M). The GRAEF & R/M team has been following developments in the TMDL process and phosphorus rule for several years. We have conducted numerous storm water planning, design, and construction activities and more recently, completed municipal feasibility analyses for watershed improvements that could help with compliance with the phosphorus rule. Our team has reviewed the Rock River TMDL, assisted the Wisconsin Department of Natural Resources (WDNR) in writing the TMDL Guidance document, and the reviewed WDNR phosphorus guidance documents.

Our team also includes four non-governmental organizations (NGOs). The NGOs are:

- Southeastern Wisconsin Watershed Trust, Inc. (SWEET WATER)
- River Alliance of Wisconsin
- Clean Wisconsin
- Sand County Foundation

The NGOs bring another level of expertise to our group, additional connections to outside resources committed to improving water quality, and connections to grant programs.

In addition, our team has coordinated with Ozaukee County and SWEET WATER on a Storm Water Urban Non-point Source grant application for planning services through the WDNR. The grant would be applied to a storm water quality improvement project in the Milwaukee River watershed. The grant could benefit multiple municipalities. No matching funds would be required for the Village of Jackson. WDNR will complete their review of the grant applications and final funding determinations this fall.

As we discussed, we feel there is an opportunity for the Village of Jackson to potentially save a significant amount of money to comply with the TMDL and the phosphorus rule requirements by approaching these regulatory challenges in a unique way. As we outlined during our meeting, the potential cost savings is from two aspects:

1. Addressing the TMDL and the phosphorus rule at the same time. Some watershed activities to reduce runoff could help the Village of Jackson meet both regulations at the same time.

2. Working with other municipalities in the watershed. There may be opportunities in the watershed outside the corporate boundaries to reduce runoff. Water quality trading and adaptive management are two programs WDNR has identified that can help the Village of Jackson comply with the pending TMDL and the existing phosphorus rule. We feel that it could be valuable for municipalities to share information, collaborate and work together in addressing these regulations as opposed to approaching these issues independently. Our project group includes Washington and Ozaukee Counties. These entities will be invaluable in identifying credits that would be available from the agricultural community.

The initial project group consists of the following municipalities:

- Ozaukee County
- Washington County
- City of Cedarburg
- City of Mequon
- City of West Bend
- Village of Campbellsport
- Village of Fredonia
- Village of Grafton
- Village of Jackson
- Village of Kewaskum
- Village of Newburg
- Village of Saukville
- Village of Thiensville
- Town of Grafton

This proposal is for professional services for Milwaukee River Watershed TMDL/NR 217 (Project). This proposal is subject to GRAEF's Standard Terms and Conditions, a copy of which is attached and incorporated by reference.

For this Project, GRAEF proposes to provide the following Basic Services:

- We are proposing an initial planning phase with the above 14 municipalities. This initial phase will consist of educational activities to better understand the regulatory requirements and schedule, building a watershed-based compliance strategy and a developing a consensus regarding implementation. We will provide educational presentations and material that can be shared with other municipal officials on the two regulations. These activities would be completed through a series of three meetings. Specifically our scope of services includes:
    - Planning the meetings. This would include writing the meeting agenda, arranging the presentations, speakers and materials to be distributed. GRAEF and R/M would give some presentations as well.
    - Conducting the meetings. This would include administering the meetings in an organized, professional manner.

- Issuing meeting notes.
- Answering questions on the TMDL or phosphorus rule regulations or compliance strategies. There are likely to be questions that arise after the initial TMDL allocations come out in approximately 2-3 months.
- Assisting with budgeting for 2015 and beyond. There may be studies or other compliance measures that are identified as being needed in the future. We will help you identify and budget for these items.

- The three meetings would be completed by the end of 2014.
- Detailed watershed studies and feasibility studies are not included in this initial phase. However, we anticipate this type of work will have to be conducted by the Village of Jackson in the future.

For all Basic Services, Client agrees to compensate GRAEF as follows: on an hourly basis to a maximum amount of $2,500. This figure includes reimbursable expenses such as mileage and printing. Most of our costs will be split evenly among the participating municipalities. If there is work specifically for the Village of Jackson, the costs for this would be invoiced only to the Village of Jackson.

To accept this proposal, please sign and date both of the enclosed copies and return one to us. Upon receipt of an executed copy, GRAEF will commence work on the Project.

Graef-USA Inc. looks forward to providing services to the Village of Jackson.

Sincerely,

Graef-USA Inc.

Matthew J Bednarski, PE
Project Manager

Michael N. Paulos, PE
Principal

Accepted by: Village of Jackson

_____
(Signature)

_____
(Name Printed)

_____
(Title)

Date: _____

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Graef-USA Inc.'s STANDARD TERMS AND CONDITIONS

These Standard Terms and Conditions are material terms of the Professional Services Agreement proposed on July 7, 2014 (Agreement) by and between Graef-USA Inc. (GRAEF) and the Village of Jackson (Client):

Standard of Care: GRAEF shall exercise ordinary professional care in performing all services under this Agreement, without warranty or guarantee, expressed or implied.

Client Responsibilities: Client shall at all times procure and maintain financing adequate to timely pay for all costs of the PROJECT as incurred; shall timely furnish and provide those services, items and/or information defined in Agreement, as amended, and shall reasonably communicate with and reasonably cooperate with GRAEF in its performance of this Agreement. GRAEF shall be entitled to rely on the accuracy and completeness of any services, items and/or information furnished by Client. These terms are of the essence. Client shall indemnify, defend and hold GRAEF, its present or former officers, employees and subconsultant(s), fully harmless from any liability or loss, cost or expense (including attorney's fees and other claims expenses) in any way arising from or in connection with errors, omissions or deficiencies in the services, items and/or information Client is obliged to furnish in respect of this Agreement.

Limitation of Liability: **Client and GRAEF agree that GRAEF's liability for any direct, indirect, incidental or consequential economic losses or damages arising under or in connection with this agreement (including any attorney's fees or claims expenses) shall be limited to the sum of one hundred thousand dollars ($100,000.00).**

Additional Services: Client may request or it may become necessary for GRAEF or its subconsultant(s) to perform Additional Services in respect of this Agreement. Client shall pay for such Additional Services above and beyond charges for Basic Services set forth in this Agreement. GRAEF will notify Client in advance of GRAEF's intention to render Additional Services. Client's failure to instruct GRAEF not to perform the proposed Additional Service shall constitute Client's acceptance of such Additional Service and agreement to pay for such Additional Service in accordance with the Invoicing & Payment terms of this Agreement.

Collection Costs: Client shall pay all collection costs GRAEF incurs in order to collect amounts due from Client under this Agreement. Collection costs shall include, without limitation, reasonable attorney's fees and expenses, collection agency fees and expenses, court fees, collection bonds and reasonable GRAEF staff costs at standard billing rates for GRAEF's time spent in efforts to collect. Client's obligation to pay GRAEF's collection costs shall survive the term of this Agreement or the earlier termination by either party.

Invoicing & Payment: GRAEF may issue invoices for services rendered and expenses incurred at such times and with such frequency as GRAEF deems necessary or appropriate in GRAEF's discretion. All invoices are due and payable upon receipt and shall be considered past due if not paid within thirty (30) calendar days of the due date. **Prompt and full payment of all periodic invoices or other billings issued by GRAEF pursuant to this Agreement is of the essence of this Agreement.** In the event that Client fails to promptly and fully pay any invoice as and when due, then, and in addition to any other remedies allowed by law, GRAEF, may, in its sole discretion, suspend performance of all services under this Agreement upon seven (7) calendar days' written notice to Client, and immediately invoice Client for all unbilled work-in-progress rendered and other expenses incurred. Upon GRAEF's receipt of full payment, in good funds and without offset, of all sums invoiced in connection with any such declaration of suspension, GRAEF shall resume services, **provided that** the time schedule and compensation under this Agreement shall be equitably adjusted in a manner acceptable to GRAEF to compensate GRAEF for the period of suspension plus any other reasonable and necessary time and expenses GRAEF suffers or incurs to resume services. No failure by GRAEF to exercise its right to suspend work and accelerate sums due shall in any way waive or abridge Client's obligations to GRAEF or GRAEF's rights to later suspend work and accelerate terms. Client agrees GRAEF shall incur no liability whatsoever to Client, or to any other person, for any loss, cost or expense arising from any such suspension by GRAEF, either directly or indirectly. In addition, simple interest shall accrue at the lower of 1.5% per month (18% per annum), or the maximum interest rate allowable by law, on any invoiced amounts remaining unpaid for more than 60 days from the date of the invoice. Payments made shall be allocated as follows: (1) first to unpaid collection costs; (2) second to unpaid accrued interest; and (3) last to unpaid principal of the oldest invoice.

Latent Conditions: Client acknowledges that subsurface or latent physical conditions at the site that differ materially from those indicated in the project documents, or unknown or unusual conditions that materially differ from those ordinarily encountered may exist. If such latent conditions require a change in the design or the construction phase services, GRAEF shall be entitled to a reasonable extension of time to evaluate such change(s) and their impact on the project and to prepare such additional design documents as may be necessary to address or respond to such latent conditions. Client shall pay GRAEF for all services rendered and reimbursable expenses incurred by GRAEF and its subconsultant(s), if any, to address, respond to or repair such latent conditions. Such services by GRAEF or its subconsultant(s) shall constitute Additional Services.

Graef-USA Inc.'s STANDARD TERMS AND CONDITIONS (continued)

Insurance: GRAEF shall procure and maintain liability insurance policies, including professional liability, commercial general liability, automobile liability, and workers' compensation insurance for the duration of this Agreement and shall, upon request, produce certificates evidencing the maintenance of such coverages. Should Client desire additional insurance, GRAEF shall endeavor reasonably to procure and maintain such additional insurance, but Client shall reimburse GRAEF for any additional premiums or other related costs that GRAEF incurs.

Instruments of Service: All original documents prepared for Client by GRAEF or GRAEF's independent professional associate(s) and subconsultant(s) pursuant to this Agreement (including calculations, computer files, drawings, specifications, or reports) are Instruments of Professional Service in respect of this Agreement. GRAEF shall retain an ownership and property interest therein whether or not the services that are the subject of this Agreement are completed. Unless otherwise confirmed by written Addenda to this Agreement, signed by duly authorized representatives of both Client and GRAEF, no Instrument of Professional Service in respect of this Agreement constitutes, or is intended to document or depict any "as-built" conditions of the completed Work. Client may make and retain copies for information and reference in connection with the use and occupancy of the completed project by Client and others; however, such documents are not intended or represented to be suitable for reuse by Client or others on extensions of the project, or otherwise. Any reuse without GRAEF's written consent shall be at Client's sole risk and responsibility, and without any liability to GRAEF, or to GRAEF's independent professional associate(s) and subconsultant(s). Further, Client shall indemnify, defend and hold GRAEF and GRAEF's independent professional associate(s) and subconsultant(s), fully harmless from all liability or loss, cost or expense (including attorney's fees and other claims expenses) in any way arising from or in connection with such unauthorized reuse.

Contractor Submittals: The scope of any review or other action taken by GRAEF or its subconsultant(s) in respect of any contractor submittal, such as shop drawings, shall be for the limited purpose of determining if the submission generally conforms with the overall intent of the design of the work that is the subject of this Agreement, but not for purposes of determining accuracy, completeness or other details such as dimensioning or quantities, or for substantiating instructions or performance of equipment or systems. GRAEF shall not be liable or responsible for any error, omission, defect or deficiency in any contractor submittal.

Pricing Estimates: Neither GRAEF nor Client has any control over the costs of labor, materials or equipment, over contractors' methods of determining bid prices, or over competitive bidding, market or negotiation conditions. Accordingly, GRAEF cannot and does not warrant or represent that bids or negotiated prices will not vary from any projected or established budgetary constraints.

Construction Observation: Unless expressly stated in this Agreement, GRAEF shall have no responsibility for Construction Observation. If Construction Observation services are performed, GRAEF's visits to the construction site shall be for the purpose of becoming generally familiar with the progress and quality of the construction, and to determine if the construction is being performed in general accordance with the plans and specifications. GRAEF shall have no obligation to "inspect" the work of any contractor or subcontractor and shall have no control or right of control over and shall not be responsible for any construction means, methods, techniques, sequences, equipment or procedures (including, but not limited to, any erection procedures, temporary bracing or temporary conditions), or for safety precautions and programs in connection with the construction. Also, GRAEF shall have no obligation for any defects or deficiencies or other acts or omissions of any contractor(s) or subcontractor(s) or material supplier(s), or for the failure of any of them to carry out the construction in accordance with the contract documents, including the plans and specifications. GRAEF is not authorized to stop the construction or to take any other action relating to jobsite safety, which are solely the contractor's rights and responsibilities.

Dispute Resolution: GRAEF and Client shall endeavor to resolve all disputes first through direct negotiations between the parties' informed and authorized representatives, then through mediation. If mediation fails to fully resolve all disputes within 120 calendar days of the first written request for mediation, either party may pursue any remedy it deems appropriate to the circumstances.

No Assignment: This Agreement is not subject to assignment, transfer or hypothecation without the written consent of both parties expressly acknowledging such assignment, transfer or hypothecation.

Governing Law: This Agreement, as amended, and any disputes or controversies arising in connection with this Agreement shall be governed and resolved by the laws of the State of Wisconsin, without regard to said state's choice of law rules.

Severance of Clauses: In the event that any term, provision or condition of this Agreement is void or otherwise unenforceable under the law governing this Agreement, then such terms shall be stricken and the balance of this Agreement shall be interpreted and enforced as if such stricken terms never existed.

Integrated Agreement: The parties' final and entire agreement is expressed in the attached proposal letter and these Standard Terms and Conditions. All prior oral agreements or discussions, proposals and/or negotiations between the parties are merged into and superceded by this Agreement. No term of the parties' Agreement may be orally modified, amended or superceded.

MID MORAINE WATER QUALITY COLLECTIVE
Thursday, June 26, 2014
11:00 AM

LOCATION-Jackson Village Hall
N168 W20733 Main Street

Meeting Minutes

Attendees:

Name:	Representing:
Mark Gruber	Village of Campbellsport
Bill Hess	Village of Campbellsport
Pat Twohig	Village of Campbellsport
George Muth	Washington County Farm Bureau
Dave Murphy	Village of Grafton
Tim Nennig	Village of Grafton
Amanda Schaefer	Town of Grafton
Karen Stockwell	Town of Grafton
Jeff Deitsch	Village of Jackson
Brian Kober	Village of Jackson
Chad Cook	Village of Kewaskum
Matt Heiser	Village of Kewaskum
Jim Noren	Village of Kewaskum
Ben Propson	Village of Kewaskum
Aaron Jahnke	City of Mequon
Kristen Lundeen	City of Mequon
Rick Goeckner	Village of Newburg
Bill Sackett	Village of Newburg
Andy Holschbach	Ozaukee County
Shawn Graff	Ozaukee Washington Land Trust
Chris Clayton	River Alliance of Wisconsin
Ray Hartmann	Village of Saukville
Jim Haggerty	Village of Slinger
Greg Moser	Village of Slinger
Pat Marchese	Sweet Water
Andy LaFond	Village of Thiensville
Josh Odekirk	Washington County – USDA/NRCS
Paul Sebo	Washington County
Scott Tutas	City of West Bend
Matt Bednarski	GRAEF
Ryan Kloth	GRAEF
Dave Arnott	Ruekert & Mielke, Inc.

1. Introductions & Why Are We Here?

Matt Bednarski and Dave Arnott introduced themselves as presenters and organizers of the Mid Moraine Water Quality Collective. The two main reasons for the collective are: 1) Water quality of the Milwaukee River is extremely important to all parties in the watershed and 2) Providing economic benefits to its members though potential funding opportunities/grants.

Matt and Dave also discussed the status of contracts between GRAEF/Ruekert & Mielke and representatives of the collective. These contracts are hourly contracts for a maximum of $2,500; including additional meetings, research, and potential speakers. Not all of the $2,500 may be used. During the discussion of these contracts, Dave Murphy (Village of Grafton) expressed his interest in understanding these contracts as he is currently budgeting for 2015.

A. Group Organization – The collective is organized around dual water quality regulations. The Collective will be organized by GRAEF (Matt Bednarski) and Ruekert/Mielke (Dave Arnott). The two firms will provide stormwater and wastewater expertise, watershed based solutions expertise, and grant writing expertise. Municipalities will be represented within counties located within the Milwaukee River Watershed: Ozaukee, Washington, Fond Du Lac, and Sheboygan Counties. Other representatives of the collective include Non-Governmental Organizations (NGOs), including: Sweet Water, The River Alliance, Clean Wisconsin, and The Sand County Foundation. The Ozaukee-Washington Land Trust and Milwaukee River Keepers are additional organizations that may become partners. Representatives of the agricultural community will be asked to participate in the Collective.

B. Information Exchange – Participation in the Collective will facilitate exchange of information among its members. A minimum of three future meetings will be held. These meetings will be held to foster and share ideas.

C. Lobbying Voice – It is hoped that as this collective grows that the strength, knowledge, and reputation of the collective will be as such that it will have a strong voice in regards to storm water and wastewater regulations with WDNR, EPA, and other regulators.

D. Village of Jackson Role – Brian Kober spoke about Jackson's role in the Collective. The Village of Jackson, as all other members of the collective, is passionate about the environment. Jackson has volunteered to take a lead role in the Collective. The Village has applied for a non-point urban grant through WDNR and is working with local farm owners to discuss and implement adaptive management strategies.

2. NR 217 & TMDL-Primer

TMDL

- Modeling has taken place over the last 2-3 years
- Loading allocations are currently not in place; these may be hopefully in place by the end of the summer
- The WDNR sets TMDL limits
- The listing of impaired waters is updated by WDNR every two years
- The general formula used to determine TMDL limits is as follows: TMDL=WLA (Waste Load Allocation-POINT Source) + LA (Load Allocation-Non-Point Source) + MOS (Safety Factor)
- For WWTF's (WPDES Permits), monthly mass limits for TSS and TP are being established (e.g. the Village of Saukville will have these in 2015)
- Greater percent reductions will be required for MS4 permitted communities and eventual MS4 permitted communities
- Communities may have the ability for internal and/or external water quality trading.

NR 217-Phosphorus

- Became effective in December 2010
- In the early 1990's to 2010's, limits were Technology Based. Starting in 2010 the limits changed to water quality based. The water quality based limits are based on water standards for total phosphorus of 0.1 mg/L for rivers and 0.075 mg/L for streams. One way to try to meet these limits is Treatment Facility Upgrades which can be quite expensive
- Water Quality Trading could be effective as well as Adaptive Management

Potential Variance

- Traditional Variance - Financial Hardship (2% or more of median household income)
- Multi User Variance
    - Extending compliance up to 20 years
    - Allowances to discharge at a higher rate by paying $50/pound of the difference
    - In December of 2014, the Wisconsin Department of Administration must finalize a study proving statewide economic hardship.
- For WWTF effluent discharging directly to a TMDL water, WQBEL (Effluent Based Limits) are based on the TMDL TSS and TP mass
- For effluent not directly discharging to a TMDL water, WQBEL based on WQ standards and TMDL mass.

Pat Marchese from Sweet Water related what he knows of the TMDL process. Sweet Water is conducting the public outreach portion of the TMDL study. Loading allocation drafts for

TSS, TP, and Fecal Coliform are complete for the Menomonee River and the Kinnickinnic River but not the Milwaukee River. In regards to the Milwaukee River, the current schedule indicates that the consultant draft will be complete within the next 30 days. EPA/WDNR review will then take place after that with an anticipated 60 day review time. Rollout of the TMDL is expected to take place in October on the MMSD website. Stakeholder meetings and WDNR meetings will take place after that.

3. Why a Collective?

The communities that choose to participate in the Mid Moraine Water Quality Collective will enjoy, at a minimum, four benefits:

A. Access to Grants

Grant applications typically award bonus points to entities involved in inter-governmental agreements or collaborative efforts. In April of this year, a grant application was submitted to the Urban Non-Point program, through the WDNR. Ozaukee County was the applicant and matching funds – in the form of in-kind work – are provided by Sweet Water and its partners. This application included scope items to study watershed based solutions for all of the communities invited to participate in the Mid Moraine Water Quality Collective. We anticipate a July 2014 award date. The MMWQC communities will benefit from the grant activities, but not be required to participate financially.

B. Geographic Collaboration

Small pockets of communities can seek projects that can benefit each community in the pocket, but reduce implementation costs through cost-sharing. Such projects might include adaptive management on a farm that lies between two communities. Examples include:

a. Thiensville-Mequon-Town of Grafton
b. Jackson-Cedarburg
c. West Bend-Kewaskum-Campbellsport

C. Addressing Dual Regulations Simultaneously

Communities that face regulations under both, NR 217 and the TMDL, should look to maximize their investments in dealing with phosphorus reductions by implementing solutions that address both regulations simultaneously. In the Milwaukee River Watershed, the timing of both regulations and their implementation plans allow for addressing both at the same time.

D. Leveraging Resources

a. Alliances
b. NGOs
c. Counties
d. Ozaukee-Washington Land Trust
e. Grants and Foundation Funding
f. New Technologies

4. Municipal Comments, Challenges and Concerns-Round Table and Lunch

- Dave Murphy of Grafton would like a document for his budgeting that further defines the efforts of the MMWQC.
- The Town of Grafton has already acted to join the MMWQC.
- Pat Marchese from Sweet Water spoke regarding his organization:
  - Developed by the Public Policy Forum 5 years ago.
  - Sweet Water's work is to "mind the gap," or fill in the space between regulations/studies and their implementation. Tries to answer the question "Who takes this forward?"
  - Sweet Water desires to bring people from different aspects of the industry together
  - Sweet Water wants to establish partnerships
  - Has developed strategies such as Watershed Restoration Plans

- Pat Marchese also spoke of the Root-Pike Win:
  - Root-Pike Win could be a model for the MMWQC
  - It utilizes ad campaigns
  - Wants to get people together
  - Has a non-traditional Board of Directors

- Sweetwater funding entities:
  - Breco Foundation
  - Joyce Foundation
  - Fund for Lake Michigan
- Scott Tutas of West Bend:
  - What is the specific benefit for West Bend? If a project is developed in West Bend, West Bend should get the credit
  - By Scott's reading of a directive from SEWRPC, West Bend has to comply on their own
  - WWTF can potentially trade with their MS4
- Dave Murphy of Grafton:
  - In Dave's opinion less money would need to be spent for projects undertaken by a combination of several communities
- Shawn Graff of OWLT:
  - In Shawn's opinion, collaboration in the watershed would move the goals of Ozaukee Washington Land Trust forward
- Rick Goeckner of Newburg:
  - Can a sample resolution, which can be acted upon by Boards and Councils, be made available? Answer: The MMWQC will draft a sample resolution for members to use.

- Tim Nennig of Grafton:
  - Grafton's Wastewater Permit expired at the end of 2013 – making budgeting for new regulations difficult
  - Tim wondered if other communities were in the same boat. Answer: The consensus was that yes other MMWQC were in the same boat.
- Ben Propson of Kewaskum:
  - In regards to the contract:
    1. What are the three meetings beyond today's meeting?
    2. What kind of research will be done? Answer: The scope in the contract does not include research. We will draw upon our existing expertise and understanding of the regulations.
    3. Looking for an explanation of the $2,500 cap. Answer: The $2,500 is for the time and effort to plan for, attend, and distribute meeting minutes. The work that is part of this effort will be invoiced on a time and materials basis – split among all participating communities. The entire $2,500 will not be needed to conduct the meetings. There is a little extra cushion in the contract costs for customized service to each community such as answering questions related to the draft allocations and reviewing unique watershed features.
    4. Can this Collaborative include budget assistance (2015 dollars)? Answer: Yes. Budget assistance is an anticipated scope item.
- Jeff Deitsch:
  - In Jeff's opinion, there is a need to bring in agricultural Non-Point sources to these meetings so we can work together
- Andy Holscbach-Ozaukee County:
  - In Andy's opinion, there is a need for more involvement from farm owners; it would be great to have the farm community gain more understanding
- George Muth of the Farm Bureau:
  - The Washington County Farm Bureau is open to the idea of the MMWQC and to the idea of Adaptive Management
  - Having their land sit idle is not desired
  - There is a high demand for farmland in this watershed – $10,000/Acre
- Andy Holscbach of Ozaukee County:
  - In Andy's opinion, Harvestable buffer program is an intriguing idea to the agricultural community and would benefit the MS-4s and WWTFs
- Brian Kober of Jackson:
  - In Brian's opinion, there can tend to be a combative attitude between point and non-point dischargers; he suggests a need to get people together to foster a working relationship

- Paul Sebo of Washington County:
  - In Paul's opinion working with farmers is not cheap
  - Community and farmer collaboration is very important
  - The MMWQC should seek to ask farmers for more involvement
- Matt Bednarski-GRAEF:
  - Performing watershed-based projects tends to be less expensive

5. Milwaukee River Watershed-Resources:

Dave Arnott reviewed existing resources that each community and county has available to them to aid in compliance. These resources would be leveraged by the MMWQC to help keep overall costs low.

A. MMSD Website

1. TMDL
2. Maps
3. Meeting Agendas
4. Workshop notes

B. WDNR Website

1. Rivers and Lakes in Watershed
2. Watershed data
3. Surface Water Data Viewer

C. GRAEF & Ruekert & Mielke

6. Agricultural Community Perspective

A. Washington and Ozaukee Counties

1. Paul Sebo of Washington County
   a. Washington County can be looked to as a resource
   b. Washington County has GIS capabilities for future projects
   c. Washington County GIS has mapped conservation practices
   d. Washington County has pollutant removal models
   e. Washington County currently works closely with Agricultural Communities

2. Andy Holschbach of Ozaukee County
   a. Andy updated the attendees regarding a study his department conducted in the Ulao Creek Watershed (a tributary to Milwaukee River in the Town of Grafton and City of Mequon). Six fields within the county were reviewed; buffers in these field reduced phosphorus by 600 lbs.
3. Ozaukee County does not work much with wastewater

b. The County wants to promote collaboration

4. George Muth of the Farm Bureau
   a. Farmers are open to adaptive management
   b. Benefits need to be provided to farmers for them to contribute
   c. Harvesting a grass crop is a possibility
5. Brian Kober-Village of Jackson
   a. Drain (Field) tile within farmland should, ideally, be included in the water quality analysis
6. Josh Odekirk
   a. Farmers are concerned about risk when implementing new processes
   b. New technology is expensive
   c. Farmers need funding assistance

7. Future Meetings

A. Three future meetings 2014

B. Meeting topic ideas:

1. WQ Trading
2. WDNR-Adaptive Management
3. Budgets
4. Funding Sources
5. WDNR Outreach
6. RCPP (Regional Conservation Partnership Program)

   Promotes Inter-Governmental Cooperation; helping municipalities and farmers at the same time
7. Paul Sebo-Washington County mentioned the Yahara Wins, a collaboration project in the Madison Area. Perhaps the MMWQC could ask representatives from this organization to attend a future meeting
8. Pat Twohig suggested that someone from the Rock River TMDL speak at a future meeting.

C. Next meeting-planned for early August

Brian Kober

From: Bednarski, Matthew [Matthew.Bednarski@graef-usa.com]
Sent: Friday, July 18, 2014 1:04 PM
To: Aaron Jahncke (ajahncke@ci.mequon.wi.us); Amanda Schaefer (ASchaefer@townofgrafton.org); Andy Holschbach (aholschbach@co.ozaukee.wi.us); Andy LaFond (alafond@village.thiensville.wi.us); Ben Propson (bpropson@village.kewaskum.wi.us); Bill Hess (cportwwtf@kmoraine.com); Bill Sackett - Village of Newburg (bsackett@village.newburg.wi.us); Brian Kober PE. (dirpubwks@villageofjackson.com); Chad Cook (ccook@village.kewaskum.wi.us); Cheryl Nenn (cheryl_nenn@milwaukeeriverkeeper.org); Chris Clayton; David Murphy (dmurphy@village.grafton.wi.us); David W . Arnott (darnott@ruekert-mielke.com); Dawn Wagner - Village of Saukville (dwagner@village.saukville.wi.us); Diane Robertson (drobertson@village.thiensville.wi.us); Eric Hackert (ehackert@ci.cedarburg.wi.us); Ezra Meyer - Clean Wisconsin (emeyer@cleanwisconsin.org); George Muth - Washingotn County Farm Bureau (cedarlawn@nconnect.net); Gregory D Moser (gmoser@vi.slinger.wi.gov); James Haggerty (jhaggerty@vi.slinger.wi.gov); Jay Shambeau (webplan@co.washington.wi.us); Jeff Deitsch (utilitysupt@villageofjackson.com); Jim Noren (jnoren@village.kewaskum.wi.us); Joseph Britt (jbritt@sandcounty.net); Josh Odekirk (josh.odekirk@wi.usda.gov); Kloth, Ryan W.; Kristen Lundeen (klundeen@ci.mequon.wi.us); Lawrence W. Ratayczak - City of West Bend (ratayczl@ci.west-bend.wi.us); Mark Gruber (mgrubercport@yahoo.com); Matt Heiser (mheiser@village.kewaskum.wi.us); Pat Marchese; Pat Twohig - Village of Campbellsport (pattwohig@yahoo.com); Paul.Sebo@co.washington.wi.us; Rick Goeckner; Roger Strohm; Scott Tutas (wbsewer@ci.west-bend.wi.us); Shawn Graff - The Ozaukee Washington Land Trust (sgraff@owlt.org); Tim Nennig (tnennig@village.grafton.wi.us); Tom Wiza (twiza@ci.cedarburg.wi.us)
Cc: Karen Nenahlo (KNenahlo@mmsd.com); 'Kohring, Peg'
Subject: Mid Moraine Water Quality Collective

Categories: Blue Category

All,

This is an announcement for our next meeting scheduled for August 7th, 2014 at 1:30 pm. This meeting is scheduled for two hours; however, we don't anticipate it will last that long. We will have a couple speakers talk to the group about a large grant opportunity from the Regional Conservation Partnership Program (RCPP). The RCPP program was put in recent Farm Bill passed several months ago. The Great Lakes Commission is the lead partner for this grant.

The large grant could help your communities in compliance costs with the pending Milwaukee River TMDL and NR 217 (phosphorus).

The meeting will be at the Village of Jackson Community Center not Village Hall. The address for the Community Center is N165 W20330 Hickory Lane Jackson, WI.

We realize that we are close to our last meeting and we don't anticipate future meeting being as close to each other. The RCPP is time sensitive and this is driving the meeting date.

The Mid Moraine Water Quality Collective is sponsoring this meeting. This is free to all invitees and will not be counted as one of the three meeting in the proposals you have seen.

We hope to see you on August 7th.

Matthew Bednarski, PE EMBA
GRAEF

David W. Arnott, P.E.
Associate / Senior Project Manager

125 South 84th Street
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Milwaukee, WI 53214-1469
414 / 259 1500 office
414 / 266 9043 direct
matthew.bednarski@graef-usa.com

www.linkedin.com/pub/matthew-bednarski-pe-emba/43/190/528/
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GRAEF on: LinkedIn; Facebook; Twitter
GRAEF is the trade name of Graef-USA Inc.

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www.ruekertmielke.com

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PROJECT ID: -----

COUNTY: WASHINGTON

ORDER OF SHEETS

Sheet No.	1.0	Title
Sheet No.	2.1	General Notes
Sheet No.	5.1	Plan and Profile
Sheet No.	9.1-9.2	Cross Sections

TOTAL SHEETS = 5

VILLAGE OF JACKSON

PLAN OF PROPOSED IMPROVEMENT

CEDAR RUN DRAINAGE

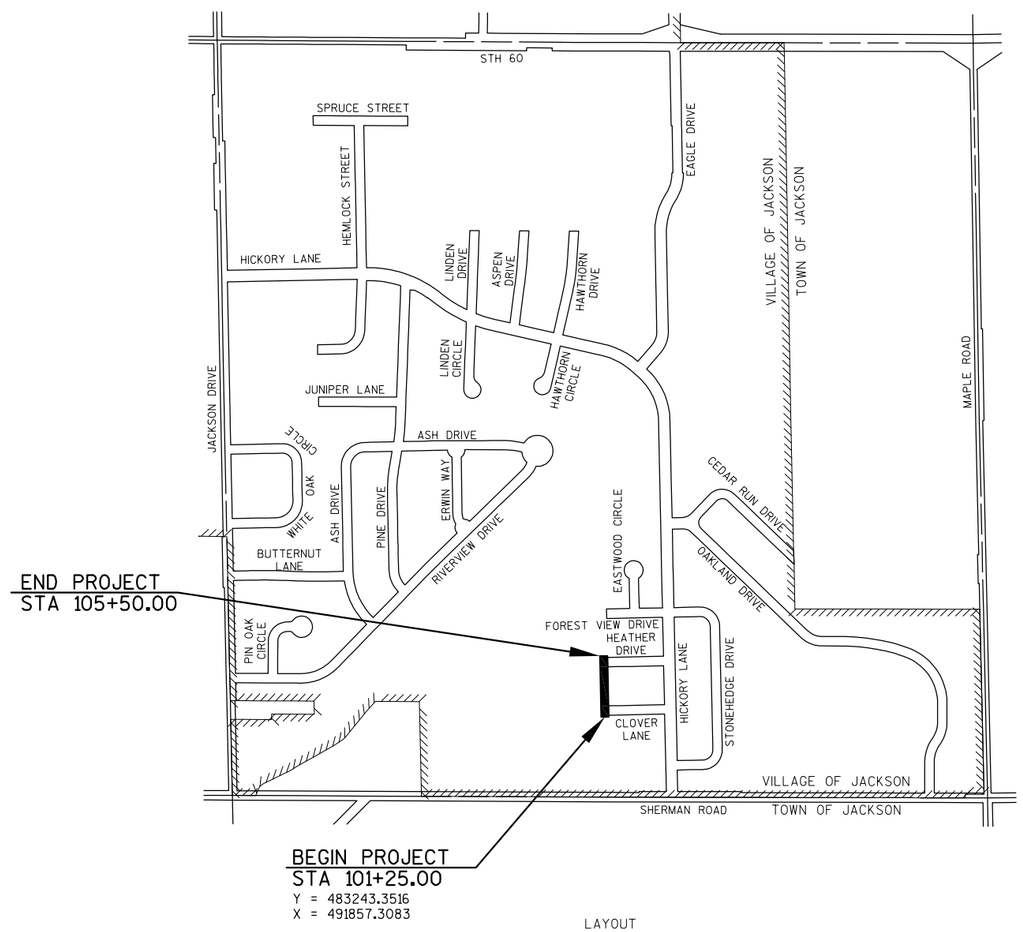
CLOVER LANE - HEATHER DRIVE

WASHINGTON COUNTY

PROJECT NUMBER

PRELIMINARY
09/12/2013

N



LAYOUT

SCALE 0 0.2 MI.

TOTAL NET LENGTH OF CENTERLINE = 0.08 MI.

SHEET NO. 1.0

2

GENERAL NOTES

ELEVATIONS REFERENCED TO NGVD29 DATUM.

ALL ELEVATIONS ARE TO FINISHED GRADE UNLESS OTHERWISE NOTED.

LOT LINES AND BOUNDARY DATA AS SHOWN ARE APPROXIMATE ONLY AND WERE DEVELOPED FROM EXISTING MAPS, TAX ROLLS, AND OTHER INFORMATION OF RECORD. NO BOUNDARY SURVEY WAS PERFORMED TO ESTABLISH ACTUAL PROPERTY LINES. THE BOUNDARY INFORMATION SHOWN SHALL NOT BE CONSTRUED AS A LEGAL OR BOUNDARY SURVEY.

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE.

THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT THE APPROVAL OF THE ENGINEER.

SECTIONS AS SHOWN ON THE CROSS-SECTIONS INCLUDE THE THICKNESS OF TOPSOIL WHERE REQUIRED.

ALL WORK SHALL BE IN ACCORDANCE WITH THE VILLAGE OF JACKSON STANDARD SPECIFICATION, LATEST EDITION.

EROSION CONTROL NOTES

ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE RESTORED WITH 4" (MIN) TOPSOIL, SEED, FERTILIZER, AND EROSION MAT (WISDOT S.D.D. URBAN CLASS I, TYPE B OR EQUAL).

EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH LOCAL ORDINANCES, AND THE WDNR TECHNICAL STANDARDS.

ABBREVIATIONS

AEW	APRON ENDWALL
AGG	AGGREGATE
AH	AHEAD
ASPH	ASPHALT
BK	BACK
BAD	BASE AGGREGATE DENSE
BM	BENCH MARK
CC	CENTER OF CURVATURE
CE	COMMERCIAL ENTRANCE
C&G	CURB AND GUTTER
C/L OR ℄	CENTER OR CONSTRUCTION LINE
CONC	CONCRETE
CP	CULVERT PIPE
CPCM	CULVERT PIPE CORRUGATED METAL
CPCS	CULVERT PIPE CORRUGATED STEEL
CPRC	CULVERT PIPE REINFORCED CONCRETE
CPRCHE	CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL
CSD	CONCRETE SURFACE DRAIN
CY	CUBIC YARD
D	DEGREE OF CURVE
Δ	DELTA
DISCH	DISCHARGE
ELEV	ELEVATION
FE	FIELD ENTRANCE
HMA	HOT MIX ASPHALT
HP	HIGH POINT
HT	HEIGHT
INV	INVERT
L	LENGTH OF CURVE
LHF	LEFT HAND FORWARD
LP	LOW POINT
LT	LEFT
MAX	MAXIMUM
MIN	MINIMUM
M/L	MATCHLINE
NC	NORMAL CROWN
NORM	NORMAL
PAVT	PAVEMENT
PC	POINT OF CURVE
PCC	POINT OF COMPOUND CURVE
PE	PRIVATE ENTRANCE
PI	POINT OF INTERSECTION
PLE	PERMANENT LIMITED EASEMENT
PT	POINT OF TANGENT
R	RADIUS OF CURVE
R/L	REFERENCE LINE
R/W	RIGHT OF WAY
RC	REVERSE CROWN
RCAEW	REINFORCED CONCRETE APRON ENDWALL FOR CULVERT PIPE
RCP	REINFORCED CONCRETE PIPE
REQ'D	REQUIRED
RHF	RIGHT HAND FORWARD
RO	RUN OFF LENGTH
RT	RIGHT
SALV	SALVAGED
SDD	STANDARD DETAIL DRAWING
SE	SUPER ELEVATION
SF	SQUARE FOOT
SS	STORM SEWER
STA	STATION
SY	SQUARE YARD
T	TANGENT LENGTH
TLE	TEMPORARY LIMITED EASEMENT
TYP	TYPICAL
VCL	VERTICAL CURVE LENGTH
VPC	POINT OF VERTICAL CURVE
VPI	POINT OF VERTICAL INTERSECTION
VPRC	POINT OF VERTICAL REVERSE CURVE
VPT	POINT OF VERTICAL TANGENT

CONVENTIONAL SYMBOLS

PLAN

CORPORATE LIMITS
PROPERTY LINE
LOT LINE
LIMITED HIGHWAY EASEMENT
EXISTING RIGHT OF WAY
PROPOSED OR NEW R/W LINE
SLOPE INTERCEPT
REFERENCE LINE
EXISTING CULVERT
PROPOSED CULVERT (Box or Pipe)
COMBUSTIBLE FLUIDS — CAUTION
MARSH AREA
WOODED OR SHRUB AREA

PROFILE

GRADE LINE
ORIGINAL GROUND
MARSH OR ROCK PROFILE (To be noted as such) — ROCK
SPECIAL DITCH — LABEL
GRADE ELEVATION — 95.36
CULVERT (Profile View)

UTILITIES

ELECTRIC — E
FIBER OPTIC — FO
GAS — G
SANITARY SEWER — SAN
STORM SEWER — SS
TELEPHONE — T
WATER — W
UTILITY PEDESTAL
POWER POLE
TELEPHONE POLE

2

DIGGERS HOTLINE

Call 811
Toll Free (800) 242–8511
Hearing Impaired TDD (800) 542–2289
www.DiggersHotline.com

CALL DIGGERS HOTLINE TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG.

WISCONSIN STATUTE 182.0175 REQUIRES MINIMUM OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.

VILLAGE OF JACKSON

N168 W20733 MAIN STREET
P.O. BOX 637
JACKSON, WI 53037
ATTN: MR. BRIAN KOBER
PHONE: (262) 677-9001

DESIGN CONTACT

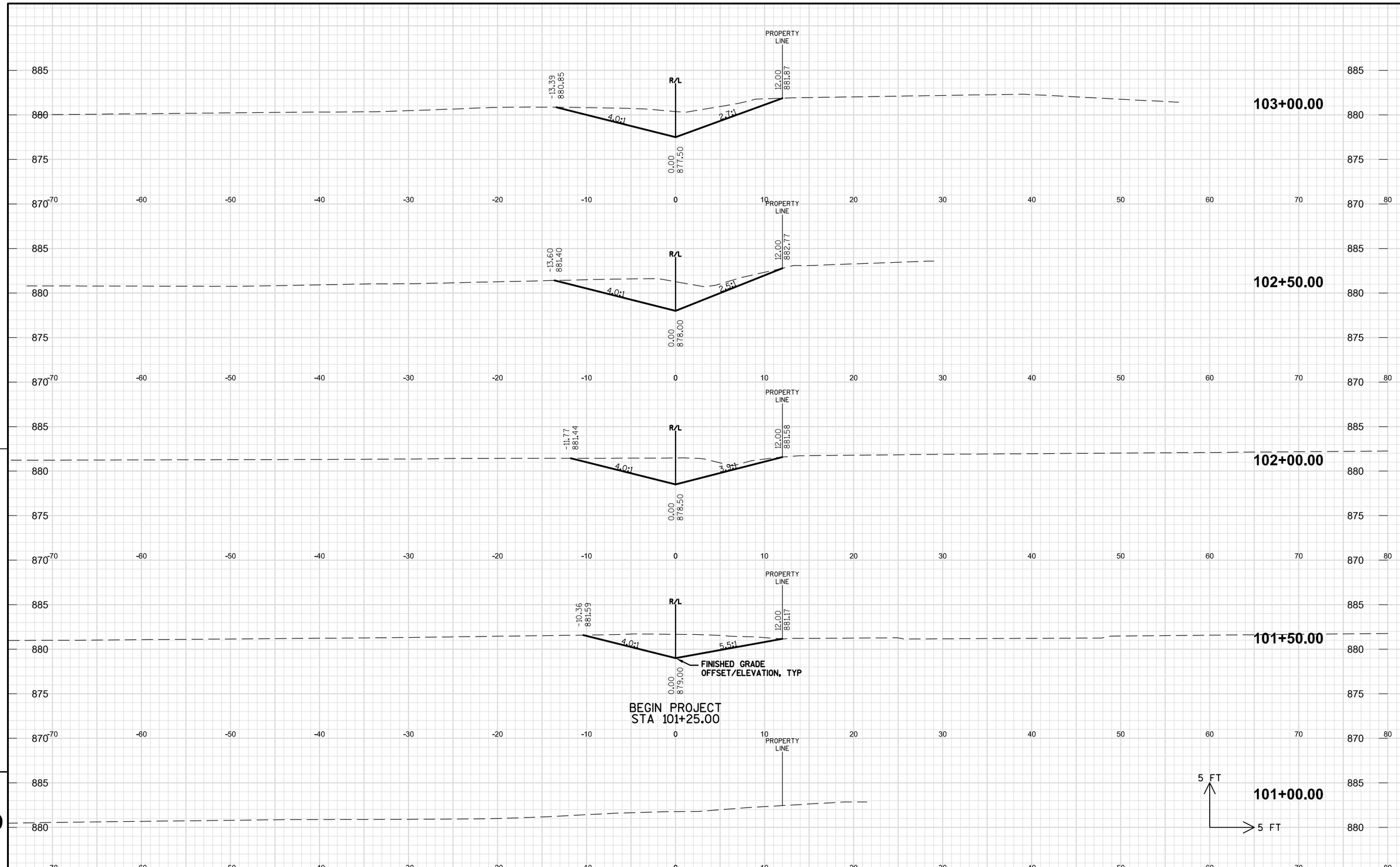
GREMMER & ASSOCIATES
93 SOUTH PIONEER ROAD
SUITE 300
FOND DU LAC, WI 54935
ATTN: MR. JEFFREY CHVOSTA
PHONE: (920) 924-5720

BENCH MARKS

BM	DESCRIPTION	ELEVATION
A	CHISELED CROSS ON W. EDGE OF SANITARY MANHOLE RIM, CL OF CLOVER LN. AT DEAD END	881.86
B	CHISELED CROSS ON W. EDGE OF SANITARY MANHOLE RIM, CL OF HEATHER DR. AT DEAD END	875.88
C	CHISELED CROSS ON W. EDGE OF SANITARY MANHOLE RIM, CL OF FOREST VIEW DR. AT DEAD END	862.88

*VERTICAL DATUM REFERENCED TO NGVD29.

PROJECT NO: XXXXX	HWY: CEDAR RUN DRAINAGE	COUNTY: WASHINGTON	PLAN AND PROFILE: CLOVER LANE - HEATHER DRIVE	SHEET 5.1	E



9

9

PROJECT NO: XXXXX	HWY: CEDAR RUN DRAINAGE	COUNTY: WASHINGTON	CROSS SECTIONS: CLOVER LANE - HEATHER DRIVE	SHEET 9.1	E

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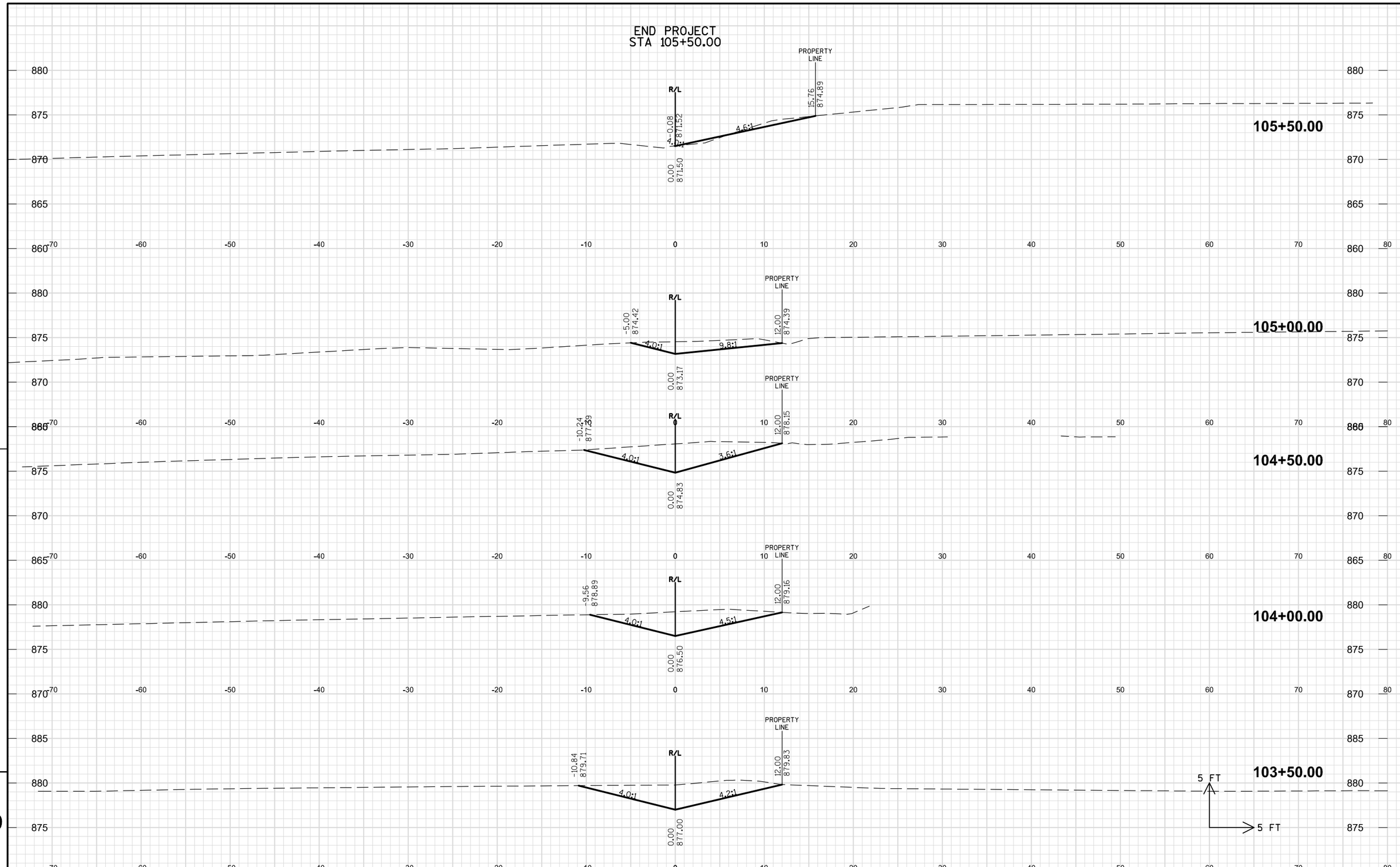

PROJECT NO: XXXXX	HWY: CEDAR RUN DRAINAGE	COUNTY: WASHINGTON	CROSS SECTIONS: CLOVER LANE - HEATHER DRIVE	SHEET 9.2	E

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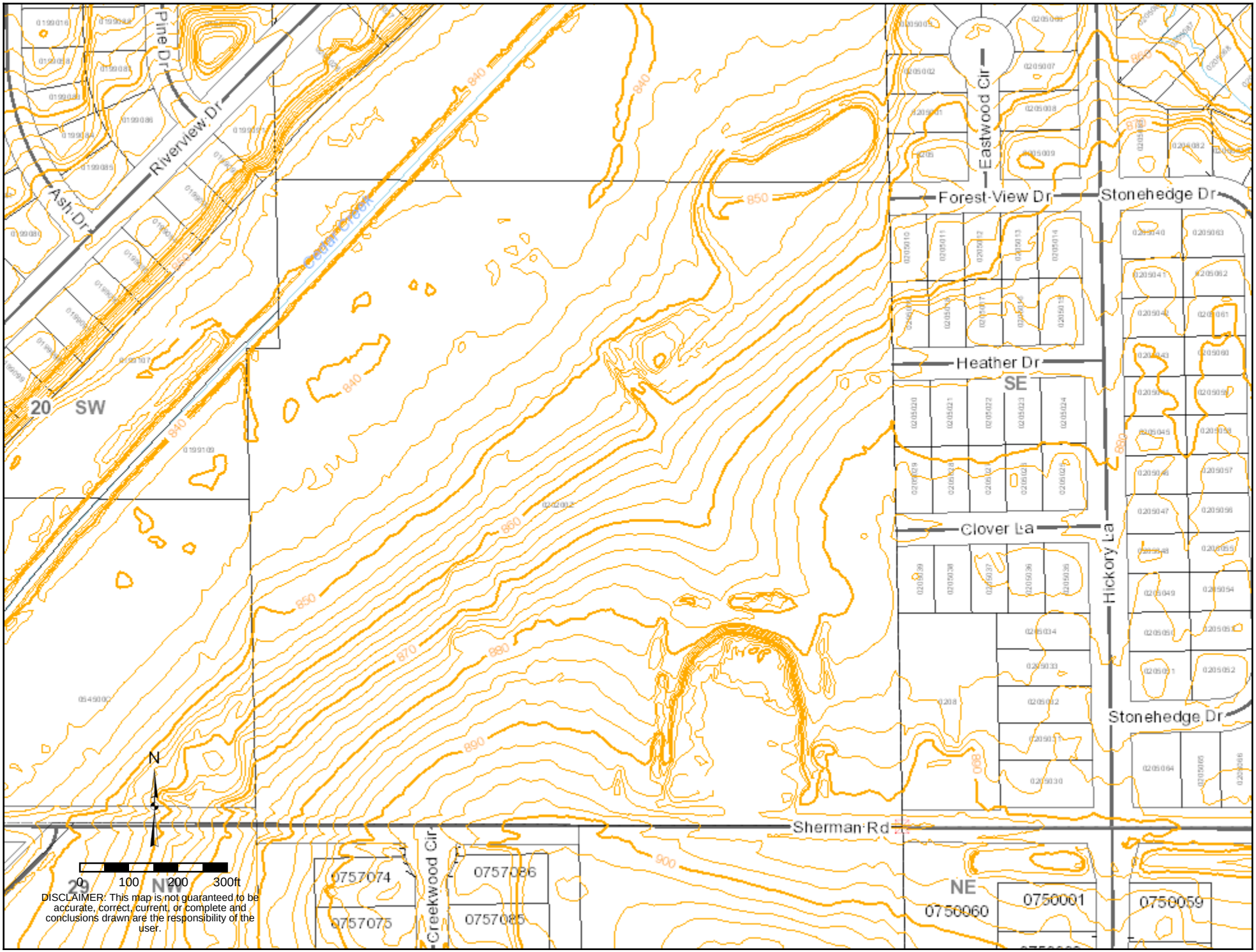
Pine Dr
Riverview Dr
Ash Dr
Cedar Creek
Eastwood Cir
Forest View Dr
Stonehedge Dr
Heather Dr
Clover La
Hickory La
Stonehedge Dr
Sherman Rd
Creekwood Cir
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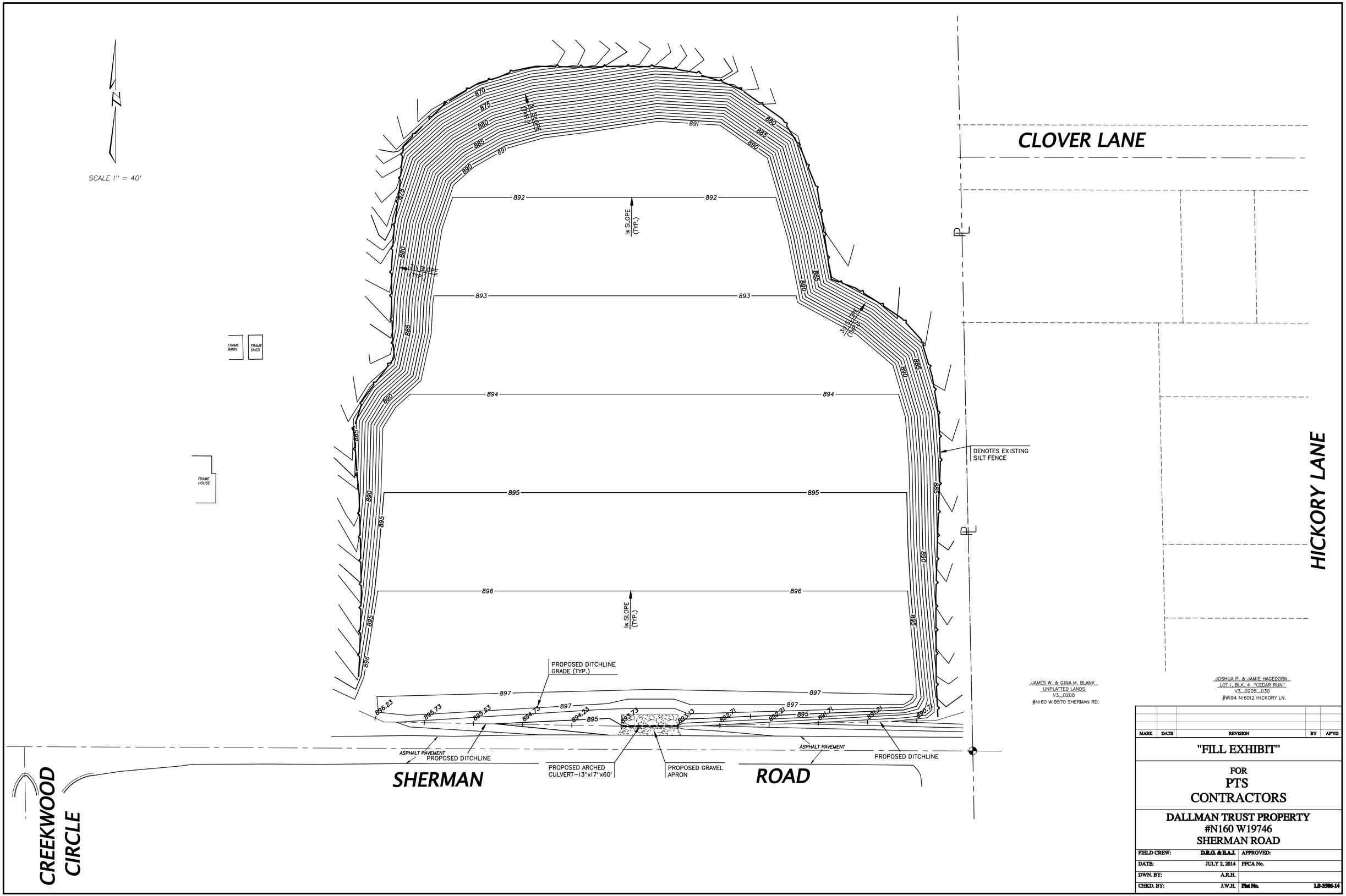
DISCLAIMER: This map is not guaranteed to be accurate, correct, current, or complete and conclusions drawn are the responsibility of the user.



MARK	DATE	REVISION	BY	APVD

"FILL EXHIBIT"

FOR
PTS
CONTRACTORS

DALLMAN TRUST PROPERTY
#N160 W19746
SHERMAN ROAD

FIELD CREW:	D.R.G. & R.A.J.	APPROVED:	
DATE:	JULY 2, 2014	FPCA No.	
DWN. BY:	A.R.H.		
CHKD. BY:	J.W.H.	Plat No.	LS-3586-14

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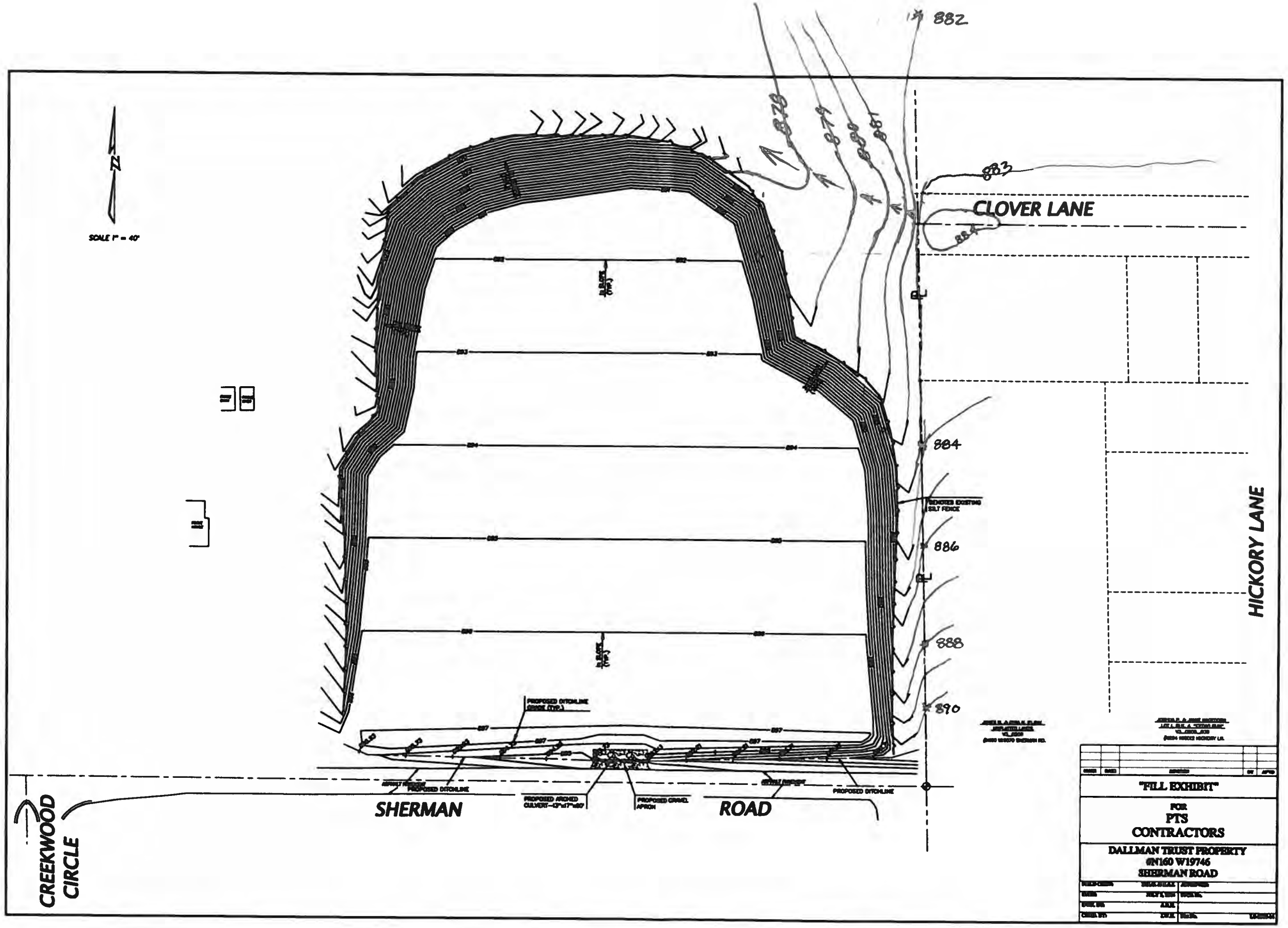
N
SCALE 1" = 40'
882
878
880
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883
CLOVER LANE
884
886
888
890
HICKORY LANE
PROPOSED DITCHLINE
PROPOSED ARCHED CULVERT
PROPOSED GRAVEL APRON
SHERMAN
ROAD
CREEKWOOD CIRCLE
"FILL EXHIBIT"
FOR
PTS
CONTRACTORS
DALLMAN TRUST PROPERTY
6N160 W19746
SHERMAN ROAD

Brian Kober

From: Steve Horn [shorn@ptscontractors.net]
Sent: Thursday, July 17, 2014 1:33 PM
To: Brian Kober
Subject: Re: Dallmann Fill Site

I will get back to you on these items next week.

Sent from my Android powered by Cellcom 4G LTE

Brian Kober <dirpubwks@villageofjackson.com> wrote:

Steve,

Thank for your understanding and response on achieving the correct grading for the fill site. We have had many conversations about the fill site and your email confirms the guarantee of not causing any more drainage problems on the properties to the east of the fill site property. (Your email was corrected to say west of the Blank property.) In order for the Village of Jackson to allow the fill site to be used, the "new grading plan Village version 7 17 2014" will need to be agreed to and completed. Also, the following items shall be complete for the approval process:

1) Your proposed grading plan has slopes of 3:1. The finish slope shall be no greater than 4:1. This will help with the transition between the new fill and the east property line.
2) All drainage ways or swales shall be properly seeded and erosion control measures in place to prevent erosion.
3) Existing vegetation (trees, brush, grass, etc.) shall be removed and move to not cause drainage problem farther down the slope.
4) The grading plan will be verified upon completion.

During our conservation, you have indicated the need to start using the fill site is essential for the completion of the water project. If you agree with the grading plan, and give the guarantee that proper drainage of Clover Lane will be achieved, the Village of Jackson will allow the fill site to be used.

If you have any questions please do not hesitate to ask.

Brian W. Kober, P.E.
Village of Jackson
Director of Public Works
PO Box 637
N168 W20733 Main Street
Jackson, WI 53037
Phone (262) 677-9001
Fax (262) 677-9710

From: Steve Horn [mailto:shorn@ptscontractors.net]
Sent: Monday, July 14, 2014 12:56 PM
To: Brian Kober
Subject: Dalliance Fill Site

Brian,

Per your conversation with Mark Schleis, VP of PTS Contractors this morning, we guarantee that the present and future filling of the Dallman Villages Phase II property located at N160 W19746 Sherman Road will not and has not caused any drainage issues to lots East of noted property. This includes the Blank property located at N160 W19570 Sherman Road. The fill site will continue to drain to the North as well as the Blank property continuing to drain ~~East~~ WEST to and across the Dallman property during fill operations and after restoration of the fill site has been completed. Please let us know when we can resume filling the site so that it can be restored.

Regards,

Steve Horn
Project Manager
PTS Contractors Inc.

Sent from my Android powered by Cellcom 4G LTE

Public Works Report
July 29, 2014

Treatment Plant - Designed Capacity – 1.25 million gallons per day
Peak Flow Capacity – 6.0 million gallons per day

Year 2012

January	Avg. Flow 825,741 g.p.d.	Min. Flow 692,000 g.p.d.	Max. 1.001 MGD
February	Avg. Flow 860,207 g.p.d.	Min. Flow 735,000 g.p.d.	Max. 1.392 MGD
March	Avg. Flow 1.115 MGD	Min. Flow 820,000 g.p.d.	Max. 1.753 MGD
April	Avg. Flow 890,733 g.p.d.	Min. Flow 710,000 g.p.d.	Max. 1.247 MGD
May	Avg. Flow 941,258 g.p.d.	Min. Flow 700,000 g.p.d.	Max. 1.632 MGD
June	Avg. Flow 645,267 g.p.d.	Min. Flow 530,000 g.p.d.	Max. 722,000 g.p.d.
July	Avg. Flow 614,710 g.p.d.	Min. Flow 496,000 g.p.d.	Max. 1.077 MGD
August	Avg. Flow 638,387 g.p.d.	Min. Flow 545,000 g.p.d.	Max. 859,000 g.p.d.
September	Avg. Flow 560,867 g.p.d.	Min. Flow 473,000 g.p.d.	Max. 637,000 g.p.d.
October	Avg. Flow 770,161 g.p.d.	Min. Flow 536,000 g.p.d.	Max. 1.336 MGD
November	Avg. Flow 539,600 g.p.d.	Min. Flow 452,000 g.p.d.	Max. 661,000 g.p.d.
December	Avg. Flow 790,645 g.p.d.	Min. Flow 572,000 g.p.d.	Max. 1.393 MGD

Year 2013

January	Avg. Flow 944,193 g.p.d.	Min. Flow 699,000 g.p.d.	Max. 2.054 MGD
February	Avg. Flow 845,179 g.p.d.	Min. Flow 697,000 g.p.d.	Max. 1.394 MGD
March	Avg. Flow 1.028 MGD	Min. Flow 637,000 g.p.d.	Max. 1.028 MGD
April	Avg. Flow 1.473 MGD	Min. Flow 934,000 g.p.d.	Max. 3.042 MGD
May	Avg. Flow 1.167 MGD	Min. Flow 932,000 g.p.d.	Max. 1.908 MGD
June	Avg. Flow 1.1207 MGD	Min. Flow 859,000 g.p.d.	Max. 1.791 MGD
July	Avg. Flow 777,097 g.p.d.	Min. Flow 643,000 g.p.d.	Max. 1.337 MGD
August	Avg. Flow 673,677 g.p.d.	Min. Flow 551,000 g.p.d.	Max. 1.148 MGD
September	Avg. Flow 629,533 g.p.d.	Min. Flow 532,000 g.p.d.	Max. 761,000 g.p.d.
October	Avg. Flow 688,064 g.p.d.	Min. Flow 600,000 g.p.d.	Max. 884,000 g.p.d.
November	Avg. Flow 763,800 g.p.d.	Min. Flow 660,000 g.p.d.	Max. 1.122 MGD
December	Avg. Flow 697,677 g.p.d.	Min. Flow 564,000 g.p.d.	Max. 802,000 g.p.d.

Year 2014

January	Avg. Flow 695,355 g.p.d.	Min. Flow 626,000 g.p.d.	Max. 822,000 g.p.d.
February	Avg. Flow 659,286 g.p.d.	Min. Flow 581,000 g.p.d.	Max. 874,000 g.p.d.
March	Avg. Flow 941,613 g.p.d.	Min. Flow 611,000 g.p.d.	Max. 1.285 MGD
April	Avg. Flow 1.172 MGD	Min. Flow 814,000 g.p.d.	Max. 3.188 MGD
May	Avg. Flow 947,322 g.p.d.	Min. Flow 688,000 g.p.d.	Max. 1.474 MGD
June	Avg. Flow 1.199 MGD	Min. Flow 732,000 g.p.d.	Max. 2.223 MGD

Years Summary of Water Consumption

2000 Total Pumpage 180,485,400 gallons	2001 Total Pumpage 184,613,300 gallons
2002 Total Pumpage 200,630,000 gallons	2003 Total Pumpage 278,246,000 gallons
2004 Total Pumpage 216,055,000 gallons	2005 Total Pumpage 223,215,000 gallons
2006 Total Pumpage 207,719,000 gallons	2007 Total Pumpage 217,224,000 gallons
2008 Total Pumpage 229,613,000 gallons	2009 Total Pumpage 231,160,000 gallons
2010 Total Pumpage 239,326,000 gallons	2011 Total Pumpage 240,268,000 gallons
2012 Total Pumpage 253,492,000 gallons	

Year 2012

Jan.	Avg.	574,550 g.p.d.	Highest Day 872,000 gal.	Total	17,811,000 gallons
Feb	Avg	551,100 g.p.d.	Highest Day 712,000 gal	Total	15,982,000 gallons
March	Avg.	551,480 g.p.d.	Highest Day 762,000 gal	Total	17,096,000 gallons
April	Avg.	624,700 g.p.d.	Highest Day 1.033 MGD	Total	18,741,000 gallons
May	Avg.	660,940 g.p.d.	Highest Day 1.115 MGD	Total	20,489,000 gallons
June	Avg.	967,300 g.p.d.	Highest Day 1.337 MGD	Total	29,019,000 gallons
July	Avg.	1.016 MGD	Highest Day 1.322 MGD	Total	31,510,000 gallons
August	Avg.	750,810 g.p.d	Highest Day 1.127 MGD	Total	23,275,000 gallons
Sept	Avg.	713,970 g.p.d.	Highest Day 1.031 MGD	Total	21,419,000 gallons
October	Avg.	681,610 g.p.d.	Highest Day 1.218 MGD	Total	21,130,000 gallons
Nov	Avg.	599,730 g.p.d.	Highest Day 874,000 gal.	Total	17,992,000 gallons
Dec	Avg.	613,810 g.p.d.	Highest Day 838,000 gal.	Total	19,028,000 gallons

Year 2013

Jan.	Avg.	562,000 g.p.d.	Highest Day 837,000 gal.	Total	17,422,000 gallons
Feb	Avg	549,820 g.p.d.	Highest Day 718,000 gal	Total	15,395,000 gallons
March	Avg.	540,520 g.p.d.	Highest Day 725,000 gal	Total	16,756,000 gallons
April	Avg.	585,170 g.p.d.	Highest Day 981,000 gal	Total	17,555,000 gallons
May	Avg.	595,810 g.p.d.	Highest Day 752,000 gal.	Total	18,470,000 gallons
June	Avg.	681,400 g.p.d.	Highest Day 914,000 gal.	Total	20,442,000 gallons
July	Avg.	787,230 g.p.d.	Highest Day 1.039 MGD	Total	24,404,000 gallons
August	Avg.	796,580 g.p.d.	Highest Day 1.107 MGD	Total	24,694,000 gallons
Sept	Avg.	631,500 g.p.d.	Highest Day 838,000 gal.	Total	18,945,000 gallons
Oct	Avg.	850,000 g.p.d.	Highest Day 1.13 MGD	Total	26,310,000 gallons
Nov	Avg.	568,600 g.p.d.	Highest Day 731,000 gals.	Total	17,058,000 gallons
Dec	Avg.	588,230 g.p.d.	Highest Day 701,000 gals.	Total	18,235,000 gallons

Year 2014

Jan.	Avg.	620,550 g.p.d.	Highest Day 789,000 gals.	Total	19,237,000 gallons
Feb.	Avg.	612,390 g.p.d.	Highest Day 717,000 gals.	Total	17,147,000 gallons
March	Avg.	603,710 g.p.d.	Highest Day 678,000 gals.	Total	18,715,000 gallons
April	Avg.	602,600 g.p.d.	Highest Day 1.037 MGD	Total	18,078,000 gallons
May	Avg.	599,290 g.p.d.	Highest Day 729,000 gals.	Total	18,578,000 gallons
June	Avg.	658,000 g.p.d.	Highest Day 815,000 gals.	Total	19,740,000 gallons

Pump Capacity - Well #1- 400 g.p.m. Well #2 - abandon; Well #3 -900 g.p.m.Well #4 - 1200 g.p.m. Well #5 – 1,100 g.p.m. Well #6 – 800 g.p.m.

WWTP – Holding & Septage Receiving

2005	$ 87,562.01	**2007**	$152,201.07	**2009**	$183,815.34	**2011**	$220,576.28
2006	$101,115.11	**2008**	$210,441.47	**2010**	$197,653.66	**2012**	$236,224.70

2012	**Holdings (gals)**	**Grease (gals)**	**G Decant (gals)**	**Septage (gals)**	**S Decant (gals)**	**Total Billings**
Jan	1,402,300	30,600	23,000	12,200	12,200	$15,188.15
Feb	1,331,200	46,200	26,000	15,300	51,950	$15,083.05
March	1,509,600	46,100	44,250	29,000	79,100	$18,373.15
April	1,330,150	42,600	12,000	60,200	178,200	$19,300.03
May	1,440,500	42,300	25,200	86,250	201,850	$22,274.95
June	1,293,750	47,600	31,300	81,900	187,550	$21,133.28
July	1,290,750	55,400	38,300	58,900	156,700	$20,062.23
August	1,366,250	42,100	27,000	63,300	168,750	$20,035.28
September	1,155,650	42,300	21,500	115,950	204,750	$21,251.08
October	1,363,500	49,500	12,000	149,300	307,750	$26,673.75
November	1,335,027	34,100	3,500	64,200	245,710	$20,449.10
December	1,342,050	51,200	23,500	22,900	84,750	$16,420.93

2013	**Holdings (gals)**	**Grease (gals)**	**G Decant (gals)**	**Septage (gals)**	**S Decant (gals)**	**Total Billings**
Jan	1,573,249	44,300	8,000	8,050	52,800	$15,821.33
Feb	1,403,100	47,400		6,450	46,300	$14,142.85
March	1,518,450	43,800	28,500	7,250	84,100	$16,957.58
April	1,764,000	68,200	28,500	38,300	294,900	$26,445.80
May	1,666,950	17,700	9,800	74,900	182,000	$21,263.19
June	1,432,600	11,400	4,000	85,750	193,200	$19,694.61
July	1,549,200	19,800		71,300	166,750	$19,560.46
August	1,483,850	13,900	24,000	64,300	170,100	$19,559.73
September	1,306,600	33,200	8,000	69,750	208,200	$19,658.31
October	1,441,750	52,900	17,000	95,550	335,550	$26,163.73

2013	**Holdings (gals)**	**Grease (gals)**	**G Decant (gals)**	**Septage (gals)**	**S Decant (gals)**	**Total Billings**
Jan	1,298,100	26,700	8,000	2,000	40,000	$12,377.30
Feb	1,214,100	42,400	8,000	9,450	16,250	$12,181.61
March	1,411,000	43,200	5,000	10,300	57,200	$14,633.31
April	1,634,000	21,800		39,350	191,100	$19,620.21
May	1,451,750			63,500	199,450	$18,414.39
June	1,553,200			30,900	253,600	$19,225.00

Stonewall Ridge Development
We are planning on requiring the final lift of asphalt to be installed in phase 2 of the development.

Rosewood Drive/TIF #4 Expansion Project
There is a new interest in the property, which could create some development of the project. No change.

Laurel Springs Subdivision
The installation of street trees and final lift of asphalt remain to complete the subdivision.

English Oaks Subdivision
The remaining item is the final lift of asphalt. No change.

CMAQ Grant – Park-n-Ride Lot and Shared Use Path along CTH P
The reimbursement for the construction portion of the project has been received. We are waiting on the Real Estate reimbursement.

GIS Program
We are continuing to make changes to the mapping. We are working with Mpower for the Integrator upgrade. Major changes to the program are coming. Other items have taken precedence or this project.

Digester Upgrade project
We are finalizing the contracts to get the project started.

Corridor Study 2040 of STH 60
There has been no new information or a meeting set for the study.

West Shore Pipeline Break
The Jackson Water Expansion Project for the Town of Jackson continues to have weekly construction meetings. Crew one was installing water main along Division Road, and crew two was installing water laterals. There are thirty-six water laterals that have been installed. The Public Service Commission has approved the expansion of the Jackson Water System so the customers can be permanently connected. There about twenty customers now connected. Since, the system is not completed with dead end mains extra flushing is occurring. The last pipe of water main has been installed on Thursday, July 24, 2014. This is 737 days since the gasoline pipe break. For continued updates of the project please visit the Facebook or the link can be place a web browser to access the page: https://www.facebook.com/pages/Jackson-Water-System-Expansion/651657821536857

Respectfully submitted, Brian W. Kober, P.E.