

Public Works Committee Agenda

Tuesday March 19, 2024 - 7:00 AM

Town of Verona Hall, 7669 County Highway PD

1. Call to Order/Additions to Agenda/Approve Agenda
2. Action: Review Minutes of February 20, 2024
3. Discussion and Possible Action: Fitchrona Road Speed Limit reduction **(10 minutes)**
4. Discussion: Roadside Vegetation Management-Boom Mower/ Tractor acquisition review **(20 Minutes)**
5. Information: Draft Road maintenance agreement with the Town of Middleton **(10 minutes)**
6. Information: Madison Metropolitan Sewerage District Pump Station 17 and Force Relief Sewer and Lower Badger Mill Sewer Extension **(10 minutes)**
7. Information: Country View Road and County Highway PD widening/relocation **(5 Minutes)**
8. Development Updates: **(5 minutes)**
 - a. Riverside Vista Development
 - b. Sugar River Development
9. Equipment Condition Update **(5 minutes)**
10. Monthly Public Works Report **(5 minutes)**
11. Schedule April Committee Meeting and set agenda items
12. Adjourn

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If anyone having a qualifying disability as defined by the American With Disabilities Act, needs an interpreter, materials in alternate formats or other accommodations to access these meetings, please contact the Town of Verona Clerk's office @ 608-845-7187 or twitheer@town.verona.wi.us. Please do so at least 48 hours prior to the meeting so that proper arrangements can be made.

Notice is also given of a possible quorum of the Plan Commission and /or the Town of Verona Board could occur at this meeting for the purposes of gathering information only.

Public Works Committee Minutes

Tuesday February 20, 2024- 7:00 AM

Town of Verona Hall, 7669 County Highway PD

Present: Mike Duerst - Chair, Brett Lindell, John Senseman, Russ Swiggum, Manfred Enburg

Absent:

Also Present: Christopher Barnes - Public Works Director, Mark Judd - Patrolman

Public Present:

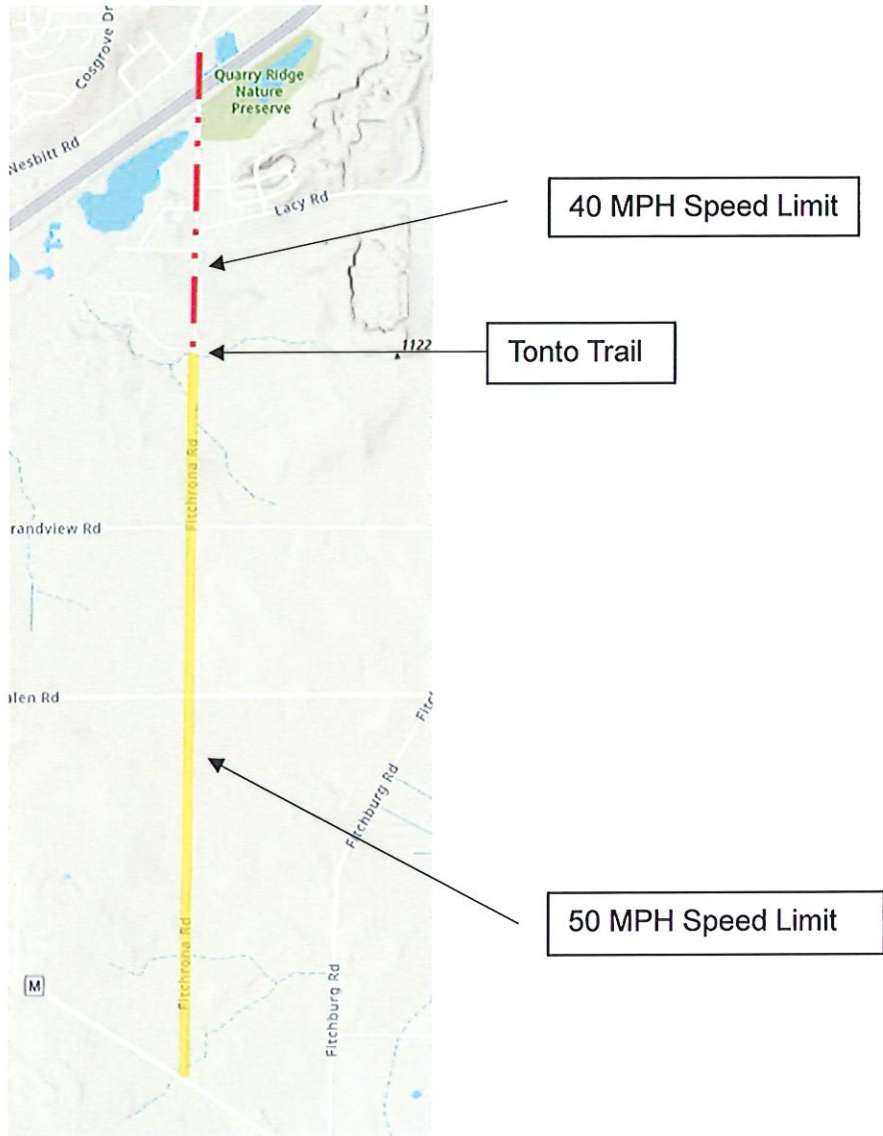
Call to Order/Additions to Agenda/Approve Agenda - Chair Duerst called the meeting to order at 7:00

1. AM. Duerst asked for additions and approval of the agenda. Swiggum moved to accept the agenda, seconded by Sensemen, motion carried.
2. **Action: Review Minutes of January 24, 2024** - The minutes were reviewed by the committee. Sensemen moved to approve the minutes as amended, second by Swiggum, motion carried.
3. **Discussion and Possible Action: Boom Mower/ Tractor acquisition**- Duerst opened the discussion by informing the committee the town board discussed the boom mower purchasing option and the board was not in favor of purchasing a tractor mower at this s time. Barnes stated that he intended to rental mower unit and take before/after photos for the operation and which can show the benefit of a boom mower unit. Barnes further stated that his opinion that the board did not have a clear vision of what they expect for right of way maintenance. Discussion followed on the pros and cons of renting a unit should the town decide to purchase a mower unit. Enburg suggested looking at contracted companies to do brush cutting.
4. **Discussion and Possible Action: Draft Road maintenance agreement with the Town of Middleton**- Barnes introduced the proposed road maintenance agreement and attorney comments along with comments from the Wisconsin Towns Association regarding which township controls the speed limit and seasonal weight limits. The town attorney suggested that a separate highway order be executed between the two towns to determine the authority for weight limits and speed limits. Duerst made a motion to recommend the road maintenance agreement to the town board subject to possible inclusion of the speed limit and weight limit. Swiggum seconded; Motin carried
5. **Discussion and Possible Action review and recommendation of 2024 Capital Improvement Program Road Project Bids: Duerst introduced the program.** Barnes presented the 2024 road project bids were received and the bid tabulation was attached. The bid included portions of Range Trail, Sunset, Davis Hills, Shady Bend and Flint Lane. Barnes explained that due to the favorable bids, that approximately \$40,000 was available for additional roads ad Barnes suggested padding either Barandancee to Rolling Meadows tot h program. Duerst suggested other possible roads for chip seal only and Barnes suggested Horse shoe bend which was at a good condition for chip seal and would complete the south east section of the town. Discussion followed. Enburg stated his dislike for spending funding on a "band aid "for Flint Lane. Barnes explained his concern over the condition of the road and emergency access. Durst asked for a motion. Motion by Enburg to recommend approval of the bid to the town board and add chip sealing for Horseshoe Bend, second by Sensemen, notion carried.

6. **Discussion and Possible Action: Goose Lake and Fitchrona Road storm drainage engineering and Badger Mill Creek Stakeholders group update:** Duerst Asked Barnes to present the current Goose Lake drainage status. Barnes stated that the Town and City had received 5 engineering proposals for final design of new outlet culverts for Goose Lake at a lower elevation and lower the maximum elevation of Goose Lake. Swiggum asked about the impact of MMSD turning off the effluent force main which now provides about 2 million gallons per day to Badger Mill Creek. The Badger Mill Stakeholder group (which Barnes is a participant) is looking at potential project which could lessen the impact of the effluent water loss. Barnes mentioned that one idea has been to reinstall a driveway culvert in the WISDOT US 151 right of way to allow a discharge into Badger Mill Creek. Barnes further discussed the flow path for the outlet of Goose Lake and the concerns for discharge of warmer and contaminated stormwater form Goose Lake. Barne explained that two of the engineering proposals discussed the possibility of installing an underdrain system in Goose Lake to provide a controlled release into Badger Mill Creek and taking cooler water form the bottom of Goose Lake and finding a discharge location near the current effluent outfall location. Barnes stated that if this solution worked that perhaps MMSD would contribute some funds toward the project.
7. **Information: Madison Metropolitan Sewerage District Pump Station 17 and Force Relief Sewer-** Barnes stated that construction was underway and work was complete at the Military Trail crossing, force main installation on the Grandview property was nearly complete and gravity sere near Goose Lake would start shortly.
8. **Information: Country View Road and County Highway PD widening/relocation-**Barnes stated that construction on County Highway PD was shut down for the winter and no new information on County view road realignment to the south. Barnes also state that Country view Road south of the EPIC gardens would be closed until September.
9. **Development Updates:**
 - a. **Riverside Heights Development** -Barnes states that the river Vista preliminary plat was approved by Town Board and he was awaiting revision of the preliminary plans from the engineer. The preliminary plat next step is for Dane Conty approval.
 - b. **Sugar River Road Properties-** Barnes state that the conceptual plan was approved by the town board with considerable discussion and concern about the existing floodplain elevations and the single entrance.
10. **Equipment Condition Update-**Judd stated that the Ford F-150 was at Wisconsin Surplus for auction. There were no pending issues at this time.
11. **Schedule March Committee Meeting and set agenda items-** Meeting was set for March 19, 2024.
12. **Adjourn** - Motion by Sensemen, second by Lindell to adjourn at 8:29 AM.

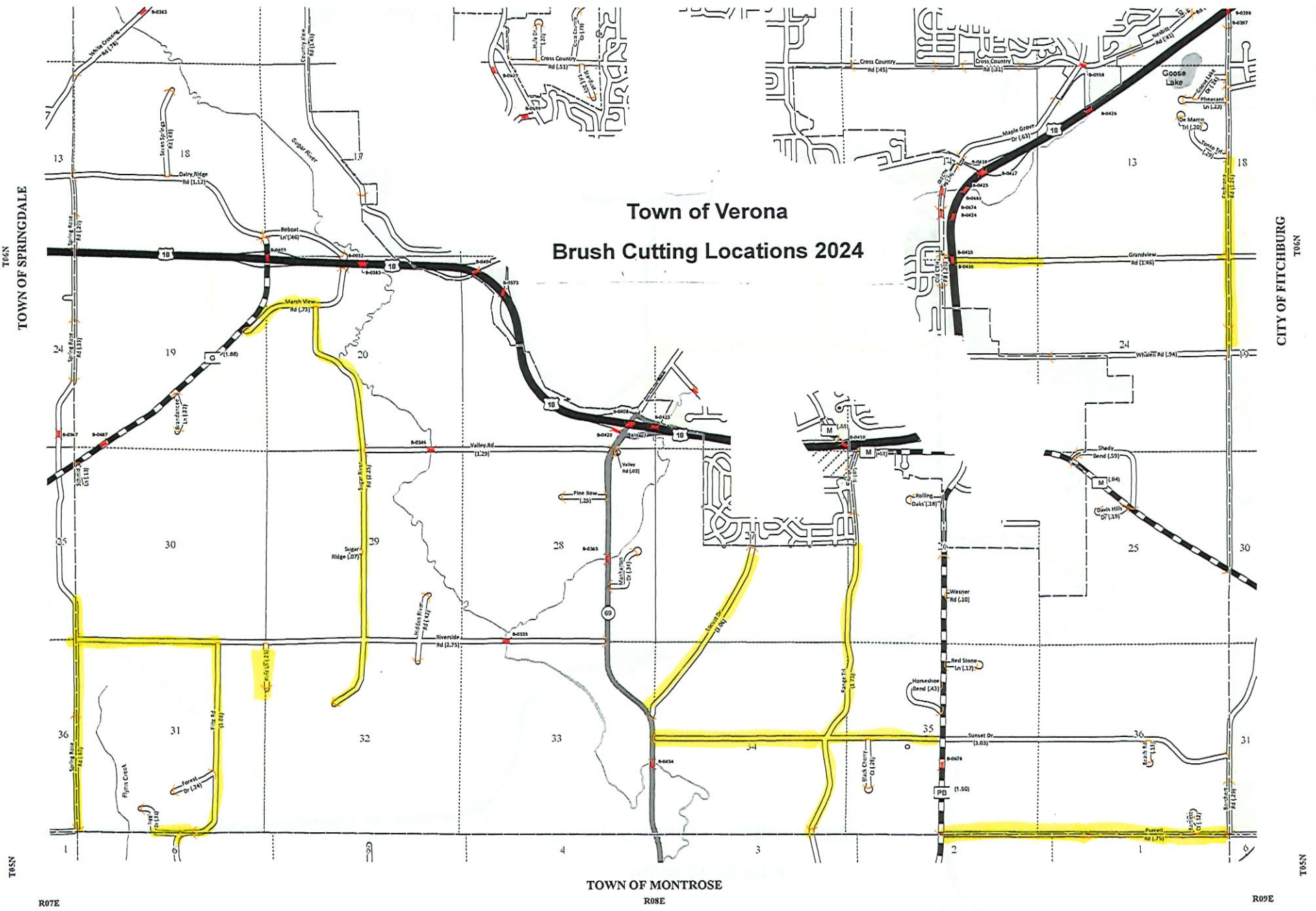
Approved: March 19, 2024

Prepared By: W. Christopher Barnes



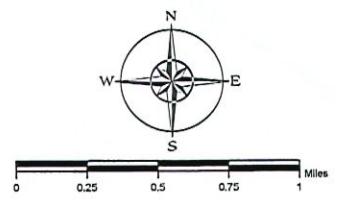
Current Fitchrona Road Speed Limit 3/15/24

Town of Verona Brush Cutting Locations 2024

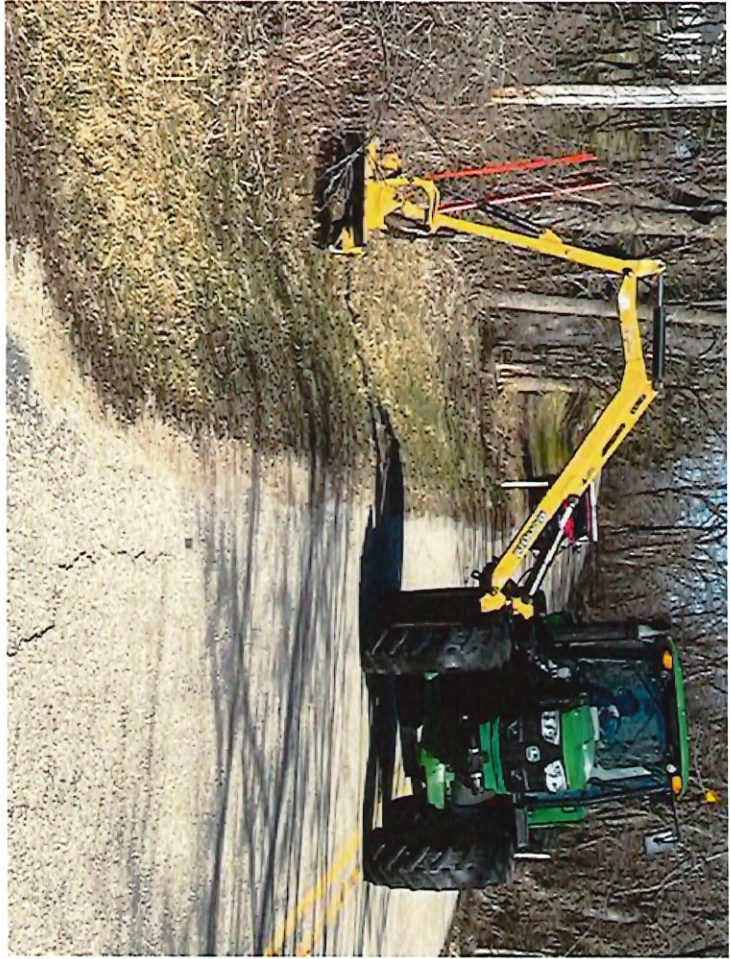


LEGEND:

County Trunk Highway	CVT Border
Local Road	PLS S Border
US Highway	Annexation
State Trunk	Annexation Creating Town Island
State On/Off Ramp	Litigation
State Connector	Bridge
Railroad	Route Identifier



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AGREEMENT^[CBI] BETWEEN THE TOWN OF MIDDLETON AND THE TOWN OF VERONA FOR SHARED ROAD MAINTENANCE

This Agreement made between the Town of Middleton (“Middleton” or “TOM”), Dane County, Wisconsin, and the Town of Verona (“Verona” or “TOV”), Dane County, Wisconsin, collectively, the “Parties,” effective this _____ day of _____, 2024.

WHEREAS, Middleton and Verona share certain roads that lie within both Middleton and Verona; and

WHEREAS, Middleton and Verona, in the interest of efficient operations in each Town, also have undertaken responsibility for the maintenance of certain roads segments that lie within each other’s jurisdiction and wish to continue to do so;

THEREFORE, in consideration of the following rights and covenants, Middleton and Verona do agree as follows:

- Each party shall maintain the sections of the following roads as described below:

Road Segment	Road Name	Starting Point	End Point	Owner	Responsible Party Plowing	Responsible Party Mowing	Responsible Party Road Maintenance
1	Mid-Town Road	Lower Badger Mill Creek	Meadow Road	Shared	TOV	TOM	Shared ^[ADR2]
2	Mid-Town Road	Meadow Road	Mound View Road	Shared	TOV	TOM: northside of road TOV: southside of road	Shared
3	Timber Lane Road	TOM line	Mid-Town Road	TOV	TOM	TOM	TOV

NOTE: Mid-Town Road Shared Ownership – Eastbound Lane TOV; Westbound Lane TOM

2. The responsible party for plowing designated in paragraph 1 above shall furnish the all labor and material for snowplowing (including salting and sanding) and the responsible party for mowing designated in paragraph 1 above shall furnish the-all labor and material for mowing (including brushing). The responsible party for maintenance designated in paragraph 1 above shall furnish the-all labor and material for the purpose of performing maintenance work, which -that includes all other customary and usual routine^[ADR3] town road repair and maintenance including, but not limited to, patching, crack filling, and chip sealing. The responsible party for maintenance [ADR4] designated in paragraph 1 above shall also furnish labor for replacement of traffic signs with the cost of the signs to be split 50/50/divided equally between municipalities the Parties. Except as otherwise provided in this paragraph, all work shall be performed, and all materials supplied, at the sole expense of the party responsible for the work.

3. Each party shall have the right to claim each segment of road designated in Paragraph 1 above for General Transportation Aids purposes to the same extent it claimed such road segment in 2022. In the event either party is required to claim any road segment for General Transportation Aids purposes for any reason in conflict with this paragraph, any such aid or funds

By: _____
Teresa Withee, Town Clerk/Treasurer



West of Goose Lake Facing North



South of Goose Lake facing Southwest

3/12/24

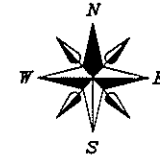
Epic Public Impact Project Look Ahead

Including CTH PD, Country View, Northern Lights, & Epic Lane

# Events	Description	Start	End
1	New Country View West Loop Road Construction	Fall 2024	TBD
2	Country View Road - South Section		
	i. Road Closure	Current	December 19th
3	Country View Road - South Section Rock Blasting		
	i. Blasting Rock for Utilities Installation @ 3:00pm	Current	March 19th
	ii. Blasting Rock for Utilities Installation @ 11:30am & 4:00pm	March 20th	April 26th
4	Building Erection	Current	May 2025
5	CTH PD Work 4 Lanes		
	i. Construction Paused	Current	April 2024
	ii. Work on CTH PD Road - Construction Resume	April 2024	October 2024
6	Military Ridge Bike Trail Access		
	ii. Access to Military Ridge Bike Trail During Road Construction	Current	December 2024

PRELIMINARY PLAT OF RIVERSIDE VISTA

A parcel of land located in part of the Southwest 1/4 of the Southwest 1/4 of Section 30, T6N, R8E, Town of Verona, Dane County, Wisconsin.



V.C.G.S. - DANE ZONE
 READINGS ARE REFERENCED TO THE
 SOUTH LINE OF THE SW 1/4 OF SECTION 30,
 T6N, R8E, L10E TO ROAD = N 88°24'45" W
 SCALE 1" = 100'

PREPARED FOR: CARRICO ENGINEERING
 817 COUNTY ROAD 107
 VERONA, WI 53593

DEVELOPER: JIM COONS
 COONS CONSTRUCTION OF
 VERONA LLC
 1807 LOCUST DRIVE
 VERONA, WI 53593

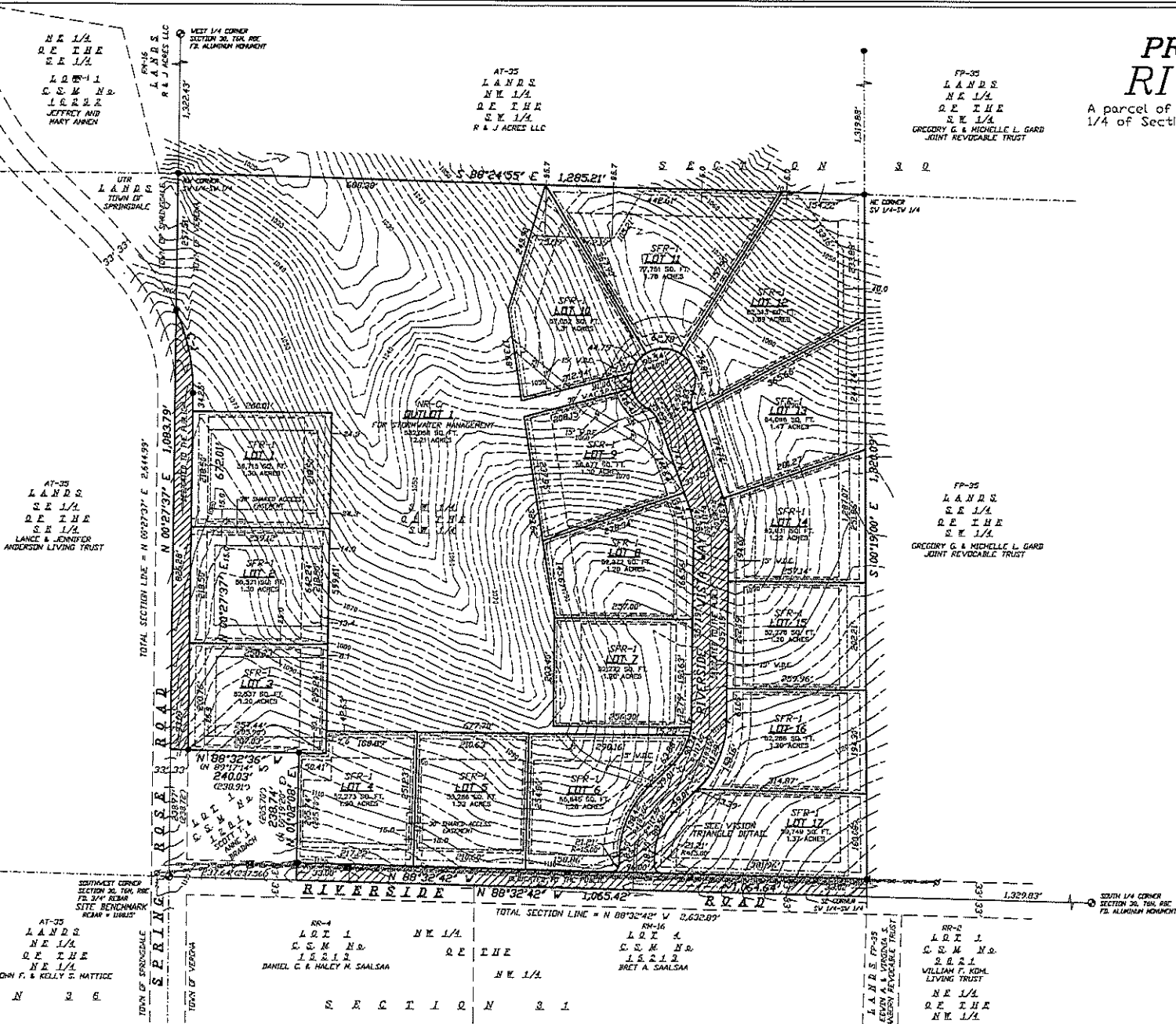
SURVEYOR: WILLIAMSON SURVEYING AND
 ASSOCIATES LLC
 184 A WEST MAIN STREET
 WAUKESHA, WI 53190

- LEGEND**
- FOUND 3/4" REBAR
 - FOUND 1" PIPE
 - FOUND SECTION CORNER
 - (#) RECORDED AS
 - U UTILITY/LIGHT POLE
 - UTILITY PEBDESTAL
 - COMMUNICATION LINE
 - OVER HEAD UTILITIES
 - FENCE
 - BUILDING SETBACKS FOR SFR-1
 - BUILDING ENVELOPE
 - NEW PUBLIC UTILITY EASEMENT (UNLESS NOTED)
 - VISION TRIANGLE
 - NEW 15' WIDE DRAINAGE EASEMENT (30' W.A.E.)
 - 30' WIDE ACCESS EASEMENT FOR SIGN PLACEMENT (30' W.A.E.)
 - /// DEDICATED TO THE PUBLIC

CURVE TABLE:

C#	RADIUS	CHORD BEARING AND DISTANCE	ARC	DELTA	TANGENT BEARING
C-1	379.88'	N 11°24'12" W 198.32'	159.90'	24°06'44"	BUT-N 00°29'09" E

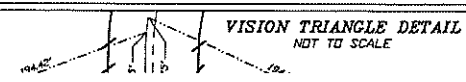
- NOTES:**
- THIS SURVEY WAS PREPARED WITHOUT BENEFIT OF A TITLE REPORT FOR THE SUBJECT TRACT OR ADDENDUMS AND IS THEREFORE SUBJECT TO ANY EASEMENTS, AGREEMENTS, RESTRICTIONS AND STATEMENT OF FACTS REVEALED BY EXAMINATION OF SUCH DOCUMENTS.
 - WETLANDS, IF PRESENT, HAVE NOT BEEN DELINEATED OR SHOWN.
 - FLOOD PLAIN, IF PRESENT, HAVE NOT BEEN SHOWN.
 - ALL ELEVATIONS ARE REFERENCED TO THE NAVD 83 (2011) DATUM. THE SITE BENCHMARK IS THE ALUMINUM MONUMENT LOCATED AT THE SOUTHWEST CORNER OF SECTION 30, TOP OF REBAR = 1180.15 FEET.
 - TOTAL AREA = 1,622,266 SQ. FT. OR 37.93 ACRES
 - DRIVEWAY ACCESS TO LOTS 6 THROUGH 17 SHALL BE FROM RIVERSIDE VISTA WAY, LOTS 1 AND 2 SHALL JOINTLY ACCESS SPRING ROSE ROAD, LOT 3 SHALL ACCESS SPRING ROSE ROAD, LOTS 4 AND 5 SHALL JOINTLY ACCESS RIVERSIDE ROAD.
 - SEE SHEET 2 FOR DESCRIPTION AND ALL OTHER CERTIFICATES.



ZONING
 CURRENT ZONING IS AT-35
 PROPOSED ZONING:
 SFR-1 = LOTS 1 THROUGH 17
 NR-C = OUTLOTS 1

PROPOSED BUILDING SETBACKS FOR SFR-1

- BUILDING ENVELOPE SETBACKS**
- LOT 1 - STREET = 35' - SIDES = 34.25' - REAR SHOWN ON MAP
 - LOT 2 - STREET = 45' - SIDES = 34.25' - REAR SHOWN ON MAP
 - LOT 3 - STREET = 50' - SIDES SHOWN ON MAP - REAR SHOWN ON MAP
 - LOT 4 - STREET = 30' - SIDES = 5' - REAR 3'
 - LOT 5 - STREET = 35' - SIDES = 5' - REAR = 5'
 - LOT 6 - STREET = 30' - SIDES = 5' - REAR = 5'
 - LOT 7 - STREET = 30' - SIDES = 5' - REAR = 5'
 - LOT 8 - STREET = 35' - SIDES = 5' - REAR = 5'



WILLIAMSON SURVEYING & ASSOCIATES, L.L.C.
 184 A WEST MAIN STREET, WAUKESHA, WISCONSIN, 53190
 NORA T. PREEVE // CHRIS W. ADAMS // NEIL F. BORTZ
 PROFESSIONAL LAND SURVEYORS
 PHONE 608-263-3705 FAX 608-949-9760 WWW.WILLIAMSONSURVEYING.COM



LEGEND

- PLAT LIMITS
- LOT LINES
- BUILDING ENVELOPE
- GRASS / WOODED TRAILS
- CBU MAILBOX
- EXISTING ATC POWER LINES

PLAT SUMMARY

- TOTAL ACREAGE = 210 ACRES
- DEVELOPABLE ACREAGE = 165 ACRES
- OPEN SPACE ACREAGE = 50 ACRES
- OPEN SPACE PERCENTAGE = 35%

SUGAR RIVER ROAD PROPERTIES

CONCEPTUAL PLAT
TOWN OF VERONA, WISCONSIN
FEBRUARY 23, 2024 22-07-109



D'ONOFRIO KOTTKE AND ASSOCIATES, INC.
7530 Westwood Way, Madison, WI 53717
Phone: 608.833.7530 • Fax: 608.833.1089
YOUR NATURAL RESOURCE FOR LAND DEVELOPMENT

TOWN OF VERONA

TO: Town Board of Supervisors
Public Works Committee

DATE: February 29, 2024

FROM: W. Christopher Barnes, Public Works Director

SUBJECT: February 2024 Report

The monthly Public Works Department Activity report is submitted for the information and review of the Board and the Committee. February was an active month with the unseasonal luxation in the weather and temperatures creating challenging road deicing issues. Several mailboxes were repaired and tree limbs and brush were cut. Numerous citizen and resident concerns and action requests were received and addressed on a daily basis. If you should have any questions, please let me know.

Road Maintenance Activities

- Picked up 4 fly dumping areas
- Responded to 2 road icing/snow events
- Swept several roads and corners for sand and debris.
- Established Seasonal Road Weight limits for March 1st. No recorded frost depth in the county.

Equipment and Facility Activities

- Set up for various community room rental events
- Continued research into various boom mower equipment and pricing
- Met with EPIC media and sound system engineer to evaluate community Room system
- Prepared the 2015 Ford truck for Auction- Sold for \$45,500

Sanitary Sewer Utility Activities

- Participated in biweekly construction conference for Badger Mill Pump Station 17 Forcemain Relief project with the Madison Metro Sewerage District (MMSD).
- Construction is ongoing with force main installation under US 151 and gravity sewer near Goose Lake.
- Completed Draft Sewer Use Ordinance revisions and Fee Resolution for review by MMSD and attorney

Engineering Activities

- The fifth meeting for the Badger Mill Creek Stakeholder Meeting Group was held on February 21, 2024. The group consists of approximately 16 communities/agencies/citizen groups and will meet once a month to share goals for Badger Mill Creek and recommend projects for the health and resilience of Badger Mill Creek. Recent actions by the MMSD have made available funding in the Badger Mill watershed of approximately \$1,000,000 which could be a source of project funding for recommended projects near Goose Lake area. The monthly meeting was focused on establishing the chief attributes of the Badger Mill Creek and the highest priorities for maintaining and improving the natural stream condition. The highest priorities are to seek way to restore a natural baseflow. The group will now be looking at potential projects for the \$1,000,000 funding.
- Opened the 2024 road projects bids on February 16th.
- Held a meeting for Shagbark Court residents on February 20, 2024 to discuss and review the existing road and the impacts the new road may have on their property.
- Received 5 proposals and held interviews with 3 engineering firms for the Fitchrona Road /Goose Lake stormwater project
- Met with several Fitchrona Road property owners to discuss the impacts of the proposed road construction.
- Confirmed with the Dane County Highway Dept. that the town staff would complete the small structure inventory program and be reimbursed \$100 per structure. The small structure program through WISDOT is intended to locate and identify drainage structures between 6 feet and 20 feet in size throughout the state. WISDOT has established \$12.5 million for structure replacements. The town may have between 10 and 25 of these type structures.

cc: Sarah Gaskell, Town Planner/Administrator
Mark Judd, Road Patrolman

TOWN OF VERONA

TO: Town Board of Supervisors

DATE: March 14, 2024

FROM: W. Christopher Barnes, Public Works Director

SUBJECT: Fitchrona Road and Goose Lake Stormwater Project Update

The 2024 adopted town budget includes funding for design engineering to implement the recommendations of the 2021 Fitchrona Road/Goose Lake stormwater study to evaluate the stormwater runoff and control in the Badger Mill Creek Watershed. The City and Town jointly issued a request for proposals for the design engineering of the project and individual interviews were held with three firms. Several recent actions have transpired to reevaluate the recommendations contained in the 2021 study.

In 2022, The Madison Metropolitan Sewerage District (MMSD) began a study to evaluate methods to maintain phosphorus compliance levels in their wastewater effluent. The program known as Project Plus (Phosphorus Limits & Updated Solutions) studied 4 methods of meeting phosphorus discharge standards in their wastewater discharge. In April 2023, a report of the alternatives to meet compliance was completed and reviewed by the commission.

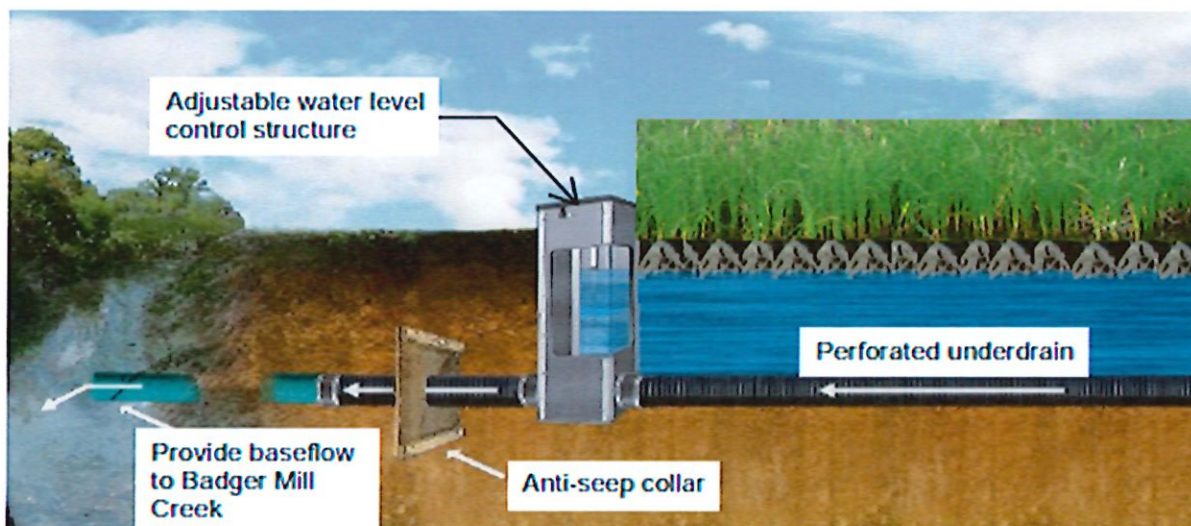
At its May 25, 2023 meeting, the MMSD Commission approved the discontinuance of effluent to the Badger Mill Creek to meet its permit requirement for phosphorus compliance in that waterway. The discontinuance of the MMSD effluent discharge (approx. 3,000,000 gallons per day) will decrease the baseflow of the creek. The reduction varied from approximately 80% at Highway Old PB to Highway to approximately 30% at the confluence with Sugar River near Riverside Road.

The request to discontinue the discharge is now moving through a regulatory process, which could take a year or more. There no firm decision or date on the discontinuance of the effluent discharge. A key aspect of the decision is a pledge of \$1 million in funding to support the continued health and resiliency of Badger Mill Creek and its environmental corridor should the discontinuance be approved.

To understand local interests, challenges and opportunities, MMSD convened a stakeholder group that includes both governmental and nongovernmental organizations. The Town of Verona is a participant in the group. The group is tasked with developing a portfolio of projects it will recommend to the Commission in September 2024. The recent actions of the group have shown that the most important aspect for the stakeholders is the reestablishment of a natural water source to the Badger Mill Creek to restore base flow.

The 2021 Stormwater Study recommended the installation of 2 48" culverts on the west end of Goose Lake and excavation of channels in the Dane County wetlands area to provide a positive outlet to the Badger Mill Creek. This plan was estimated to cost approximately \$400,000. Through discussions at the stakeholders' meetings, a typical high-volume discharge of stormwater from Goose Lake and

Fitchrona Road would not benefit the Badger Mill Creek natural environment or habitat. Additionally, such a project may be difficult to obtain the required discharge permits. During interviews of the responding engineering firms, two firms suggested a 2-part strategy of providing a high flow discharge point from Goose Lake to prevent flooding on Fitchrona road and a second phase to investigate and -if successful- construct a pipe underdrain system from Goose Lake to the location of the MMSD effluent outfall structure. The concept of using the high-water levels in the Quarry Ridge Park and Goose Lake as a potential source water to restore the Badger Mill Creek stream baseflow certainly creates potential for a win-win situation. A schematic of this system is shown below.



**Underdrain and Water Level Control Structure
to Convert High Groundwater to Baseflow**

We expect the selection process for the engineering consultant to be concluded in March and a contract executed by the City of Fitchburg for the required engineering services. An Intergovernmental agreement, similar in form to the previous Goose Lake agreement, should be presented for the board consideration and approval at the April 2024 meeting. It is anticipated that the City and the Town will present these concepts to the stakeholder's group and request support for project funding from MMSD.

Please let me know if you have any questions regarding this matter.

Attachments