
From: LeBrun, Susan <LeBrun.Susan@danecounty.gov>

Sent: Monday, April 29, 2024 4:21 PM

To: Lane, Roger <Lane.Roger@danecounty.gov>

Cc: Eslick, Kevin <Eslick.Kevin@danecounty.gov>; Dunphy, Pamela <Dunphy@danecounty.gov>

Subject: RE: Sugar River Property Development, aka Petition # 12045

Hi Roger,

I did a general review of the TIA and here are my comments:

1. There is a "Potential future street connection" note close to CTH G by the northwest corner of the development, but it is not clear if that would connect to Brandancee Lane or to CTH G. There is not enough information to address this issue here, but if it comes up in the future, Dane Co. Highway should be notified early on in the process. There is a tributary to the Sugar River between the development and CTH G that would need to be crossed for that future connection.
2. Background traffic count was conducted on a Saturday. Not reflective of the weekday peak hours so I'd ask for a new count mid-week, AM and PM peak hours
3. Did not do a tube count or radar to count ADT, which is helpful to determine what intersection type, so I'd normally ask for a tube count on Sugar River Road, but this is not our road.
4. The study does not extend to Marshview Rd. or CTH G but it appears the effect of traffic on CTH G or the intersection of CTH G and Marshview Rd. would be negligible.
5. Weekday peak hour traffic expected from the development is only 50 AM and 65 PM veh/hr so it doesn't meet the typical threshold for a full TIA. Their TIA is pretty substantial for a smaller development.
6. Daily weekday trips are estimated at 650 veh/day in the report.
7. They did do an analysis on whether turn lanes are warranted based on volumes and it indicated turn lanes are not necessary. However, with the curved road it may be safer to provide some accel/decel lanes, which could also better accommodate bicycle traffic.
8. I'd recommend either a Type B2 or Type D intersection, possibly with a bypass lane, but I'd like to see the AADT to make that call.
9. The main concern would be the sight distance at the proposed access. Removing foliage as recommended in the TIA would be a good idea. Also adding a bypass lane or turn lanes would widen the area and extend sight lines.
10. Lowering the speed limit on Sugar River Road was briefly covered in the TIA. It is currently 45 mph. It would be a Town decision to possibly get a speed study, which could justify lowering the speed limit, but speed studies do not normally find that a lower speed limit is warranted.

Let me know if you have any questions on this.

Thank you,

Sue

Susan LeBrun, P.E., PTOE

Highway Engineer (Construction)

Dane County Highway Department 2302 Fish Hatchery Road

Madison, WI 53713

Phone: 608-266-9081

Email: lebrun.susan@countyofdane.com

From: Eslick, Kevin <Eslick.Kevin@danecounty.gov>
Sent: Monday, April 29, 2024 4:11 PM
To: LeBrun, Susan <LeBrun.Susan@danecounty.gov>
Cc: Eslick, Kevin <Eslick.Kevin@danecounty.gov>
Subject: FW: Sugar River Property Development, aka Petition # 12045

Sue, email your TIA / Concept plan review directly to Roger Lane.

Kevin Eslick

Permits and Construction
Dane County Highway Department
608-283-1486 cell 608-206-0017

The Dane County Highway Engineering office is closed Fridays from Mid-April through September 2024.

From: Eslick, Kevin <Eslick.Kevin@countyofdane.com>
Sent: Wednesday, March 20, 2024 4:32 PM
To: Dunphy, Pamela <Dunphy@countyofdane.com>; LeBrun, Susan <LeBrun.Susan@countyofdane.com>
Cc: Rice, Brian <Rice.Brian@countyofdane.com>; Rach, Jeremy <Rach.Jeremy@countyofdane.com>; Schmid, Charlene <Schmid.Charlene@countyofdane.com>; Eslick, Kevin <Eslick.Kevin@countyofdane.com>
Subject: RE: Sugar River Property Development

All documents on this are in [H:\Engineer\CountyTrunk\CTH_G\2024_G03_Sugar River Development \(Brandancee Lane future intersection\)](H:\Engineer\CountyTrunk\CTH_G\2024_G03_Sugar_River_Development_(Brandancee_Lane_future_intersection))

Kevin Eslick

Associate Highway Engineer – Permits and Construction
Dane County Highway Department
2302 Fish Hatchery Road, Madison WI 53713
608-283-1486 cell 608-206-0017
eslick.kevin@countyofdane.com

The Dane County Highway Engineering office is closed Fridays from Mid-April through September 2024.

From: Dunphy, Pamela <Dunphy@countyofdane.com>
Sent: Wednesday, March 20, 2024 1:45 PM
To: Eslick, Kevin <Eslick.Kevin@countyofdane.com>
Subject: FW: Sugar River Property Development

Pam Dunphy, PE

Deputy Commissioner
Dane County Highway Department
Phone: (608) 266-4036
Cell: (608) 575-2244
Email: dunphy@countyofdane.com

From: Lane, Roger <lane.roger@countyofdane.com>
Sent: Wednesday, March 20, 2024 12:42 PM
To: Dunphy, Pamela <Dunphy@countyofdane.com>
Cc: 'Sarah Gaskell' <SGaskell@town.verona.wi.us>; Violante, Todd <Violante@countyofdane.com>
Subject: Sugar River Property Development

Dear Pam,

Attached is the concept plan and the traffic study for the Sugar River development in the Town of Verona. If you have any questions or concerns, please let me know.

Regards,

Roger Lane
Dane County Zoning Administrator
(608) 266-9078