



Minnesota Department of Transportation

Metropolitan District

Waters Edge Building
1500 County Road B2 West
Roseville, MN 55113

October 31, 2012

Kate Sedlacek
Environmentalist II
200 Fourth Ave. West
Shakopee, MN 55379

SUBJECT: Jordan Aggregates Traffic Analysis
Mn/DOT Review # STUDY12-001
Southwest Quadrant of US 169 and 173rd St.
Sand Creek Twp., Scott County
Control Section 7009

Dear Ms. Sedlacek:

Thank you for the opportunity to review the traffic study for the proposed Jordan Aggregates Project. In addition to our comments from the review letter dated January, 2011, MnDOT has the following comments pertaining to the traffic study:

Traffic:

The turn lane length evaluation in the traffic study assumed no deceleration in the through lane. Our ramp design speeds considered in the high range only differ from the highway design speed by 5-10mph. Turn lane lengths with some deceleration in the through lane should be considered.

The safety analysis stated that 'MnDOT previously had no method to assess risk using any measure other than crashes'. Prior to the Safety Plans, MnDOT implemented proactive safety projects including cable median barrier, intersection lighting, rumble strips, and reduced conflict intersections to reduce the risk of crashes based on proven mitigation strategies. Other measures of risk MnDOT has used include Average Annual Daily Traffic (AADT), median width, density of access, shoulder width, and speed.

The difficulties for Option 1, stated under the Mitigation Strategies, describe the adjacent land use along Valley View Road as residential. Valley View has a mix of commercial/industrial, and also abuts a rail corridor. The future land use map along Valley View shows areas of Commercial-Highway and Industrial use.

Option 2 does not appear to be compatible with future MnDOT access management and safety projects, which will eliminate median openings and reduce direct access.

MnDOT does not support the U-Turn identified in Option 5. A truck u-turning would negatively impact following vehicles due to the slow maneuver during the protected phase.

For questions concerning these comments, please contact David Sheen, 651-234-7824 of Mn/DOT Metro District's Traffic Engineering section.

Further Options for Consideration:

In order to address some of the concerns identified in the Traffic Analysis and this letter, MnDOT recommends the analysis of two additional options for the routing of trucks. The first option, similar to Option #3, involves routing truck onto TH 21. But, instead of continuing into downtown Jordan, trucks will take a U-Turn on TH 21 and continue north onto US 169. This alternative will need to be evaluated further to determine if there is a safe/cost effective location for U-Turning trucks on TH 21.

The second option recommended for further analysis involves routing trucks south on US 169. Trucks will then turn left onto TH 282 (At the traffic signal), left onto Creek Lane north, left onto Triangle Lane N., right onto TH 282, and right at the traffic signal on US 169.

MnDOT looks forward to our continued work with Scott County in identifying a preferred solution.

Review Submittal Options:

Mn/DOT's goal is to complete the review of plans within 30 days. Submittals sent in electronically can usually be turned around faster. There are four submittal options. Please submit either:

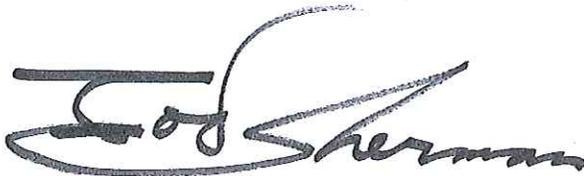
1. One (1) electronic pdf. version of the plans. Mn/DOT can accept the plans via e-mail at metrodevreviews.dot@state.mn.us provided that each separate e-mail is under 20 megabytes.
2. Three (3) sets of full size plans. Although submitting seven sets of full size plans will expedite the review process. Plans can be sent to:

Mn/DOT – Metro District Planning Section
Development Reviews Coordinator
1500 West County Road B-2
Roseville, MN 55113

3. One (1) compact disk.
4. Plans can also be submitted to Mn/DOT's External FTP Site. Please send files to: <ftp://ftp2.dot.state.mn.us/pub/incoming/MetroWatersEdge/Planning> Internet Explorer doesn't work using ftp so please use an FTP Client or your Windows Explorer (My Computer). Also, please send a note to metrodevreviews.dot@state.mn.us indicating that the plans have been submitted on the FTP site.

If you have any questions concerning this review please feel free to contact me at (651) 234-7794.

Sincerely,

A handwritten signature in black ink that reads "Tod Sherman". The signature is written in a cursive style with a large, sweeping initial "T" and "S".

Tod Sherman
Planning Supervisor

Copy sent via E-Mail:

Kate Sedlacek, Scott County

Lisa Freese, Scott County

Buck Craig, Permits

Nancy Jacobson, Design

Marty Kors, Water Resources

Lee Williams, Right-of-Way

Diane Langenbach, Area Engineer

David Sheen, Traffic

Ann Braden, Metropolitan Council