



Rochester Hills

Minutes - Draft

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MR-42E Noise Barrier/Sound Wall Technical Review Committee

Members: Paul Davis, Jennifer Lagerbohm, Charles Lam, Michael McGlynn, Doug Walther
Council Members: Erik Ambrozaitis, Greg Hooper
Youth Representative: Trip Brennan

Tuesday, October 13, 2009

6:00 PM

1000 Rochester Hills Drive

CALL TO ORDER

The meeting was called to order by Greg Hooper at 6:08 p.m.

ROLL CALL

Present 5 - Greg Hooper, Erik Ambrozaitis, Jennifer Lagerbohm, Charles Lam and Michael McGlynn

Absent 1 - Trip Brennan

Others Present:

Staff Present:

Paul Davis, City Engineer

Doug Walther, Deputy Director of Assessing

Others In Attendance:

Jim Masiak

Lynette Nitsche

Noelle O'Neill (arrived at 6:17 p.m.)

Deanna Hilbert (arrived at 6:37 p.m.)

DISCUSSION ITEM

2009-0502 Discussion Regarding MR-42E Noise Barrier/Sound Walls

Attachments: [Agenda 101309.pdf](#)
[Masiak abstract.pdf](#)

*The meeting was called to order by **Greg Hooper** at 6:08 p.m. and a meeting agenda prepared by Mr. Hooper was distributed to attendees (attached). A copy of the Noise analysis report for M-59 from Crooks Road to Ryan Road dated September, 2008 by HNTB for the Michigan Department of Transportation (MDOT) was provided to committee members. Lastly, copies of correspondences answering questions raised by the City and the Country Club Village residents regarding the noise study were also provided.*

Introductions were completed and Mr. Hooper gave an overview of the

expectations by council for the committee.

Ms. Nitsche provided a summary of her past involvement in the review and comment of the M-59 noise analysis study and gave her opinion on what the technical committee should be doing.

It was discussed that Tuesday was a good day for the members to meet and future meeting dates were scheduled on November 10, 2009 at 6:00 p.m. and December 8, 2009 at 6:00 p.m.

Mr. Hooper provided two handouts to the committee that were copies of recent bid tabulations for the construction of concrete noise abatement walls. The project information was obtained from the MDOT website and the locations were in the Cities of Taylor and Southgate. The Taylor project also includes earthen berm construction work. It was noted that the lowest as-read bidder cost of the noise barrier projects was significantly lower than the engineer's estimate.

Mr. Masiak volunteered his service to the committee and explained his knowledge of how sound travels. He provided a handout (attached) which is an abstract titled Model Studies of Acoustical Barriers.

It was suggested that Mr. Davis provide aerial drawings of the M-59 corridor for the next technical committee meeting to assist in the wall location and impact discussions.

Mr. Ambrozaitis commented about the need for noise barrier construction along the M-59 corridor to protect the property values of City residences. He added that the noise barriers are one way that can be undertaken to help counter the housing property value decreases due to the effects of the economic downturn.

Mr. Walther said that no metric is available currently from another community that shows a before and after property value evaluation from noise barrier construction.

Ms. Lagerbohm suggested checking with the Department of Housing and Urban Development (HUD) to learn if any previous studies have been completed for the before and after effects from noise barrier construction.

Mr. Davis provided copies of the project application and point ranking for Capital Improvement Projects (CIP) MR-42D and MR-42E. It was explained that MR-42D was prepared and is included in the 2010 CIP for the two proposed noise barrier locations approved for construction by MDOT. MR-42E is also in the CIP and was prepared to cover the remaining 10 locations between Crooks and Dequindre that were not approved by MDOT. It was noted that each of the noise barrier projects, as well as other projects included in the CIP, are rated with the 11 category point ranking formula. The total point value given to MR-42D is 114 while MR-42E earned 65.

It was discussed that a ranking formula similar to the version used for the CIP

process could be used to provide an acceptable method for determining the priority order of noise barrier construction. It was suggested that members submit different metrics for consideration that can be used to determine the categories of the ranking formula. Then a weighting and point value assignment can be determined to complete the ranking formula. Mr. Davis suggested a possible metric for consideration: whether there is a common element for a subdivision with 500 feet of a proposed noise barrier location (e.g. swimming pool, tennis court, park or walking trail, etc.)

Mr. McGlynn mentioned other possible metrics for consideration and said that he would e-mail a complete listing to be reviewed and discussed for the next meeting.

Lastly, it was decided that Mr. McGlynn would function as the technical review committee chairman and Mr. Davis would be the meeting note generator. Mr. Davis will also be the single point of contact for sending agendas, meeting notes, and other information to committee members.

ANY OTHER BUSINESS

None.

NEXT MEETING DATE

*Tuesday, November 10, 2009 - 6:00 p.m.
Tuesday, December 8, 2009 - 6:00 p.m.*

ADJOURNMENT

The meeting was adjourned at 7:40 p.m.

Minutes were approved as presented at the (insert date) MR-42E Noise Barrier/Sound Wall Technical Review Committee Meeting.

PAUL DAVIS, City Engineer

*Prepared by Mary Jo Whitbey
Administrative Secretary, City Clerk's Office*