

From: [Petko, Theresa](#)
To: [Howard Haselschwardt](#)
Subject: Noise Analysis Points
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Attachments: [image004.png](#)

The purposed of this email is to provide additional information related to the expected outcome of the Noise Analysis and anticipated impact to timely completion of the Environmental Assessment for the I-75 at North Down River Road interchange completion project in Crawford County Michigan.

The current version of the Environmental Assessment includes a Noise Scoping Analysis, which is summarized below:

Noise Impacts

A noise scoping analysis was prepared for the study area (See Appendix C). Noise sensitive receivers included Activity Categories B and C in the vicinity of the project. Along North Down River Road, seven noise sensitive receivers were identified. During the scoping analysis modeled receivers were representative and were placed to represent a similar noise environment for nearby noise sensitive receivers. The existing noise levels were predicted by using FHWA's Traffic Noise Model 2.5 (TNM). Based on this limited screening analysis no noise impacts were identified, but predicted traffic noise levels may approach (within 1 to 2 dBA) the noise impact threshold (66 dBA) at several representative receiver locations. These results suggest that a full noise analysis should be conducted in compliance with MDOT noise policy.

As indicated in this preliminary analysis noise impacts are not expected. However, there is a possibility that noise levels may increase at potential receiver locations. As a result, direct measurements will need to be obtained at the receiver sites. URS has prepared numerous Environmental Assessments and a complex Environmental Impact Statement – all of which included a complete noise analysis. The results of each study did not delay the completion of the NEPA documentation and also did not indicate the need to design and construct mitigation measures. It is our belief that the complete noise analysis for this project will yield similar results and will not delay the completion or approval of the Environmental Assessment.

Theresa S. Petko, AICP
Vice President - Business Line Manager



3950 Sparks Drive SE
Grand Rapids, MI 49546
Tel: 616.574.8500
[Website](#) | [Map](#)

Direct: 616.574.8356
Mobile: 616.481.1922
Fax: 616.574.8542
Email: Theresa.Petko@URS.com

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