

**From:** [Alcala, Noel](#)  
**To:** [Deley, Edward](#); [Carpenter, Sean](#)  
**Cc:** [Schneider, Erica](#)  
**Subject:** RE: WO 04-6 (TRU-IR80 Noise Analysis PID 108492) - Noise Analysis Report Approval  
**Date:** Wednesday, December 12, 2018 9:41:29 AM  
**Attachments:** [image001.png](#)  
[image002.png](#)

PID 108492

TRU-IR80 Noise Analysis

This an ODOT decision document. A copy should be uploaded into EnviroNet.

The subject Type II Noise Analysis was prepared by Stantec and dated December 2018. Noise abatement in the form of noise barrier walls was found to be both reasonable and feasible. **The Two Noise barriers recommended are shown on the following table. NSA D are the Tanglewood Drive. NSA E are the Rockwood Drive and Monticello Apts communities. These Noise barriers may proceed by following the process flowcharts from the links below. OES accepts the subject Type II Noise Analysis.**

[http://www.dot.state.oh.us/Divisions/Planning/Environment/NEPA\\_policy\\_issues/NOISE/Manual/Appendices/Appl.pdf](http://www.dot.state.oh.us/Divisions/Planning/Environment/NEPA_policy_issues/NOISE/Manual/Appendices/Appl.pdf)

[http://www.dot.state.oh.us/Divisions/Planning/Environment/NEPA\\_policy\\_issues/NOISE/Manual/Appendices/Appl.pdf](http://www.dot.state.oh.us/Divisions/Planning/Environment/NEPA_policy_issues/NOISE/Manual/Appendices/Appl.pdf)

**TABLE 15: Noise Walls Recommended for Consideration**

Location	Noise Wall Placement	Length	Minimum Height	Maximum Height	Average Height	Area (ft <sup>2</sup> )	Wall Cost	Total Benefited Receptors	Cost Per Benefited Receptor
NSA D	Edge of Shoulder	1,536'	16'	16'	16.0'	24,575	\$614,377	18	\$34,132
NSA E	Edge of Shoulder	3,984'	12'	17'	15.0'	59,762	\$1,494,046	62	\$24,098

If you have any questions or concerns, please do not hesitate to contact me by phone or email.

**Noel Alcala, P.E.**

Noise and Air Quality Coordinator

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*The environmental review, consultation, and other actions required by applicable Federal environmental laws for this project are being, or have been, carried-out by ODOT pursuant to 23 U.S.C. 327 and a Memorandum of Understanding dated December 11, 2015, and executed by FHWA and ODOT.*

**From:** Krokonko, Michael <[mrokonko@emht.com](mailto:mrokonko@emht.com)>

**Sent:** Thursday, December 6, 2018 7:58 AM

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**Cc:** Binau, Simon <[Simon.Binau@stantec.com](mailto:Simon.Binau@stantec.com)>

**Subject:** WO 04-6 (TRU-IR80 Noise Analysis) - Noise Analysis Report for Review

Hello all,

Stantec has provided a draft copy of the final Noise report for the TRU-IR80 Noise Analysis (PID 108492) for review. Due to file size, Stantec has provided the following FTP link with log-in information to access the report. Please let me know if you are unable to access the report via the FTP, and we'll figure out another way to get everyone a copy.

One thing to note, as a group we never came to a consensus on the ROW vs. Edge of Shoulder options at Rockwood Drive/Apartments. As you will see in the report, Stantec has recommended the barrier that benefits the most receptors (lowest cost per benefitted receptor, though the overall barrier cost is higher). If a decision is made to build the lower cost barrier that benefits fewer receptors, the report can be revised accordingly. We can also provide the TNM runs directly to Noel when he is ready to take a look at them.

Please let us know if have any questions or need any additional information. Thanks again for everyone's assistance and feedback as we've worked through this analysis.

Thanks,

Mike

**Login Information**

**Browser link:** <https://fmpsftp.stantec.com>

**Login name:** s1217142325

**Password:** 8500196

**Expiry Date:** 12/17/2018

**Michael A. Krokonko**  
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