Nebraska Department of Roads

Planning and Project Development

Noise Study Determination Memo

Date: September 9, 2016

To: Carmen Pellish, Highway Environmental/NEPA Specialist, Planning and Project Development

From: Will Packard, Highway Environmental Specialist, Planning and Project Development

Subject: Noise Study Determination Memo for the NDOR Project Alvo North (C.N. 11450) in Cass County, NE

The NDOR Noise Section staff has reviewed the project description for the Alvo North project to determine if a noise study is warranted. Based on the materials reviewed, the proposed alignment shifts in several areas along the project. Review of each alignment shift reveals that in most areas the highway shifts away from adjacent residences, but in some locations the highway shifts closer. In the areas where the proposed highway moves closer to the residences, the change does not halve the distance from the receptor to the highway.

The project also included a profile change at several locations along the proposed project for improved site distance. After reviewing the locations of the profile changes in relation to the adjacent receptors, there is not a situation in which shielding is removed exposing the line of site from the highway to the receptors. There is no substantial vertical change as defined in 23 CFR 772.5. This project does not fit the definition of a Type I project and is therefore exempt from a noise study.

Sincerely,

Will Packard 9/9/16

Name Date

Will Packard, Highway Environmental Specialist
Planning and Project Development
NDOR