



Florida Department of Transportation

JEB BUSH
GOVERNOR

801 N. Broadway
Bartow, Florida 33830

THOMAS F. BARRY, JR.
SECRETARY

RECEIVED
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July 5, 2000

Mr. Kyle Lukasz
801 Laurel Oak Drive
Suite 605
Naples, Florida 34108

RE: U.S. 41 from CR 887 to South of Myrtle Road
State Project Number: 03010-1568
Federal Aid Project Number: F-301-1(10)
Work Program Item Number: 1114150
Collier County

Dear Mr. Lukasz:

In response to your letter, the Department has reviewed the Noise Study Report (April 1993) prepared for the portion of U.S. 41 adjacent to the Pelican Bay community and currently under construction. The Department performs a noise study whenever a roadway project involves a capacity improvement. The portion of the Pelican Bay community beginning just south of Myrtle Road and extending to the north was included in the Project Development and Environment (PD&E) Study evaluating the six-laning of U.S. 41. The remainder of the Pelican Bay community is outside the project limits and, therefore, was not included in the PD&E Study.

The traffic noise evaluation was performed for the proposed six-lane section using year 2015 traffic projections. Noise levels were predicted using a traffic noise model approved by the Federal Highway Administration (FHWA). Residences in closest proximity to U.S. 41 were analyzed and an existing berm located between the residences and U.S. 41 was simulated in the model.

In accordance with FHWA regulations, the predicted noise levels are actually equivalent noise levels (Leq) using a one-hour averaging time. The Noise Study Report prepared for this project followed the procedures documented in the Department's PD&E Manual and satisfied FHWA's regulations.

District One Environmental Management Office
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Predicted noise levels for the six-lane concept in year 2015 ranged from 61 to 63 dBA at Pelican Bay residences in closest proximity to U.S. 41. As stipulated in the PD&E Manual, the Department considered abatement measures when predicted noise levels at residences were at 65dBA, or greater. Since the predicted noise levels at Pelican Bay residences were below the criteria, noise abatement measures such as noise barriers were not considered.

Based on the review of the Noise Study Report, the Department followed the procedures established to satisfy FHWA regulations and met the obligations regarding noise abatement considerations for this project. If you have any questions, please call me at (863) 519-2300.

Sincerely,

A handwritten signature in blue ink that reads "Bryan Williams". The signature is written in a cursive style and is positioned above the printed name and title.

Bryan Williams
District Environmental Manager

BW/rp

cc: Mark Schulz, FDOT
Dan Doebler, PBS&J