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TO: Pelican Bay Property Owners Association
c/o Dick Laughlin, John Iazzo

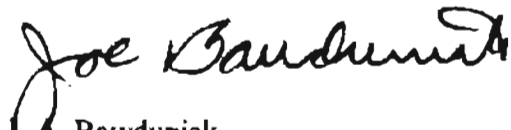
DATE: May 9, 2002

Attached are data on noise measurements taken along Route 41 with the procedure used and equipment settings.

The db meter was a hand-held model.

While not an acoustics expert, I hold a degree in Physics and am not unfamiliar with scientific methods. I hope these preliminary, non-calibrated instrument data at least give a fundamental insight into the noise problems our neighbors along Route 41 are experiencing.

If questions, please call me.



J.A. Bawduniak
598-1976

Attachments

cc: K. Kinney
J. Ward (Distribute to MSTBU)
Commissioner J. Carter

Noise Measurements
Pelican Bay

Procedure

1. For 'side' of '41' - 10 minute observations
'A' weighted (human ear)
5 feet above ground level
within 100 feet of center line (50 feet approx. From shoulder)
Fast response setting
2. Neighborhood same as above, but in back yards

Equipment

Tandy 33-2050 +/- 2 db accuracy at 114 db

Microphone - condenser omni directional

Reference Noise Levels

Pain - 130 db

Riveter - 100 db

Conversation - 60 db

Whisper - 20 db (in quiet room)

Note:

Procedure follows 17-4.1.1 Field Measurements for Establishment of Ambient Noise Conditions,
23 Code of CFR

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Data

Noise Measurements - Pelican Bay

<u>April 2, 02</u>	<u>Location</u>	<u>Time</u>	<u>Level</u>	<u>Surface</u>
1.	100 yards S. P.B. Blvd. N.	4:40 pm	N - 66db S - 76db S - 85 Truck	Macadam
2.	0.5 mi. S. P.B. Blvd. N.	5:00 pm	S - 76-78 db	Macadam
3.	0.2 mi. S. Gulf Park	5:20 pm	N - 62db S - 76-82db S - 76-85db	Cement
4.	0.9 mi. S. Gulf Park	5:35 pm	S - 74-76db S - 76-80db	Cement
5.	1.1 mi. S. Gulf Park	5:50 pm	S - 76-80db S - 77db A. (Red light) 69-72db B. (Green light) 76-78db	Cement

April 3, 02

6.	Backyards Arrowhead, Pinewood	5:25 pm	56-60db 56-58 db	
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Note:

A - red light - slower traffic
B - green light - faster traffic

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