



**CITY OF
TUCSON**

DEPARTMENT OF
TRANSPORTATION

January 23, 2019

Council Member Paul Durham, Ward 3
1510 E. Grant Road
Tucson AZ 85719

RE: Audible Pedestrian Signals/Part of Grant Road Phase II

The City Of Tucson installed new audible pedestrian signals (APS) as part of the Grant Road Phase II improvement project funded by the Regional Transportation Authority (RTA).

Upon activation of newly installed APS in Phase II, adjacent residents voiced concern through their Ward 3 Office regarding the noise created by signals.

A meeting was set up with APS manufacturer's representative to answer questions regarding the new signals. The representative also enlightened attendees of the product's functionality and settings available. The meeting was held on January 10, 2019, and the Ward Office, Jefferson Park Neighborhood Association, City Staff, and Psomas designers attended.

Based on the meeting held with the APS representative, the group agreed to try some revised settings to see if local residents could find a consensus on tolerance of noise. Daytime minimum settings from 6:00 AM to 7:00 p.m., were programmed at 40-75 decibels (dB); and 5 dB above adjacent ambient noise. Nighttime settings from 7:00 PM to 6:00 a.m. were set to 40-55 dB; and 5 dB above adjacent ambient noise with a smaller "gain" to avoid having the APS increase the volume too quickly in reaction to short duration noises. The lowest setting from the manufacturer is 40 dB. The original tone was kept. The group decided to defer to local resident, Bob Schlanger, to be the residential evaluator of noise settings.

Mr. Schlanger communicated to the group that the settings mentioned above were agreeable for adjacent residential quality of life with respect to intrusive noise level emitted by the new audible pedestrian signals. These will be the department's initial settings where new audible pedestrian signals are to be placed adjacent to residential areas.

Diana W. Alarcon, Director
Department of Transportation
City Of Tucson

cc: Albert Elias, Assistant City Manager
Ward 3 Council Aides
Bob Schlanger
Jefferson Park Neighborhood Association
David Burbank, Project Manager

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