



Cawley Architects
Justen Cassidy
730 N 52nd Street #203
Phoenix, AZ 85008

April 25, 2019

Dear Mr. Cassidy,

ACS has been asked to assess the potential traffic noise impact from the proposed modifications to the Paradise Valley Medical Plaza (5410 N Scottsdale Rd, Paradise Valley, AZ).

It is my understanding that the current traffic levels at the west side of the site (adjacent to the residential properties) is approximately 140 trips per day. I have been informed that the proposed modifications could increase this traffic level by approximately 52 trips per day. This would cause an increase in the average traffic noise by approximately 1.4 decibels.

To help counteract the increased traffic noise, it has been proposed to construct an 8' high barrier wall along the west side of the site. This would reduce the traffic noise by approximately 3.3 decibels. With this wall, the potential traffic noise would decrease by approximately 1.9 decibels.

Currently, delivery traffic occurs on the west side of the site. The new truck loading zone will be in the main parking area approximately 290' away from the west property line and shielded by the buildings. Additionally, two separate pairs of "no deliveries" signage will restrict trucks from using the west drive aisle. This will substantially reduce the potential delivery truck noise impact to the neighbors.

The current patient pickup location is approximately 58' from the west property line. The proposed new pickup location will be approximately 155' from the west property line. This will substantially reduce the potential pickup area noise impact to the neighbors.

The trash receptacle area will be relocated from ~65' to ~270' from the residential property-line. Additionally, the receptacles will be at the north entrance of the Plaza, eliminating the trash collection vehicle traffic along the west side of the site. This will substantially reduce the trash collection and trash truck noise impact to the neighbors.

Please let me know if you have any questions or need additional information.

Respectfully,

Tony Sola
Acoustical Consulting Services