



Cochise County Community Development

Highway and Floodplain Division

Public Programs...Personal Service
www.cochise.az.gov

Quiet Zone Requirements & Cost Estimations

Introduction:

The Cochise County Highway & Floodplain Department was asked to research and provide the requirements and cost estimations for quiet zones at the railway crossings on Central Avenue in Bowie, AZ and Dragoon Road in Dragoon, AZ. The following is a summary of our findings.

Quiet Zone Railroad Requirements:

- Conduct a traffic count – A 2015 traffic count has been provided by SEAGO. If necessary, the county can provide updated counts for both roadways.
- Eligibility calculator to be completed by Cochise County.
- If eligible and approved by the Board of Supervisors, provide a design plan with cost estimates to the Union Pacific Railroad and the Federal Railroad Administration for approval.

Cost Estimations

- Cost estimations were provided by Highway Operation's signing and structures departments
- Costs include material, labor, and equipment for the construction of a median island and curbing
- The below table summarizes the costs per quiet zone. The cost to build both is estimated at \$66,930.
- Costs estimates shown are based on the criteria given to Cochise County by the Federal Railroad Administration. If any recommendations and/or requirements of additions, changes, or reductions to our project are given by the Union Pacific Railroad and/or the Federal Railroad Administration, please note that costs may also increase or decrease.

Central Avenue & Dragoon Road Quiet Zone			
Estimated Costs Per Quiet Zone			
Material	Labor	Equipment	Total Costs
\$13,845.00	\$12,065.00	\$7,555.00	\$33,465.00

Example of Median & Curb Placing

