

Train Noise – Quiet Zone

- Hear multiple train horns at 1:30 AM at 1 mile away
- Train horns are between 96 and 110 dB at 100 feet
- Locomotive horns are required to sound for 15-20 seconds before entering all public grade crossings, but not more than one-quarter mile in advance.
- San Jose working on Quiet Zone for Warm Springs (Final Report July 2020)
- Milpitas also working on a Quiet Zone

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Quiet Zone requirements

- Quiet Zones must be at least ½ mile long
- Closest at-grade crossing at Reed is 3024 feet = 0.57 miles



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Quiet Zone requirements

- Quiet zone may be established by “Public Authority Designation” = City of Santa Clara if requirements are met
- Would be very easy since no at-grade crossings within ½ mile either side of Santa Clara Station
- For any at-grade crossings, safety measures need to be implemented within quiet zone
- Can implement a Partial Quiet Zone, restricting hours
- Can use Wayside Horns instead of Train Horns
- Requires Consultants \$300K + costs of safety measures at crossings