

CENTRALGALTINTERCHANGEPROJECT

Alternatives Analysis and Barrier Design

City of Galt, California



Bollard Acoustical Consultants, Inc.
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Field measurements and the Traffic Noise Model (TNM) were used to establish baseline noise levels for the noise-sensitive receptors adjacent to the interchange.

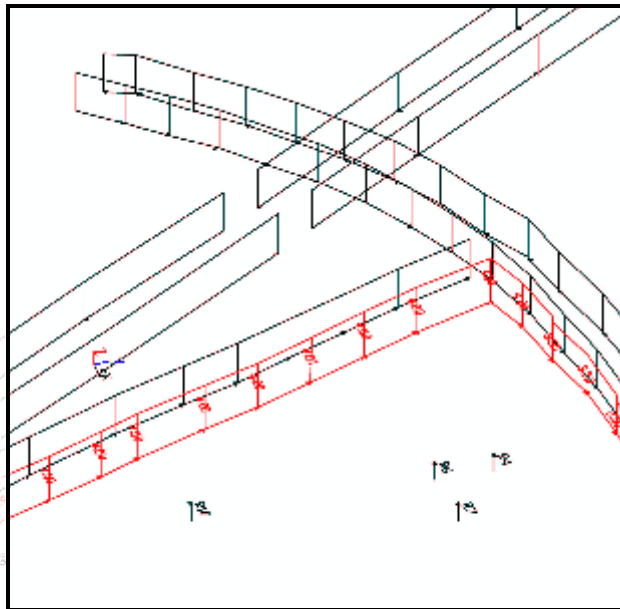
PROJECT SUMMARY:

BAC provided the City of Galt with an acoustical analysis for two alternatives to modify the Highway 99 Central Galt Interchange. The project included the construction of an additional overpass structure and modification to the existing interchange overpass and ramps. The analysis was conducted using the FHWA's Traffic Noise Model (TNM) to predict noise impacts and to conduct a detailed barrier design.

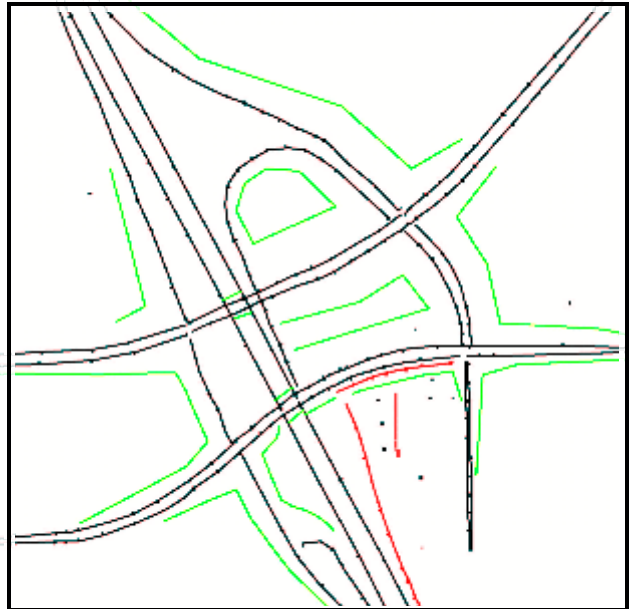
Contract Amount: \$15,000
Completion Date: June 2005
Time for Completion: 4 weeks

REFERENCE:

City of Galt
Community Development Department
495 Industrial Drive
Galt, CA 95632
(209) 366-7230



The TNM model was used to perform a detailed barrier design analysis. The analysis was conducted under the Caltrans and FHWA design guidelines for barrier feasibility and reasonableness.



TNM model view of one alternative for the Central Galt Interchange.