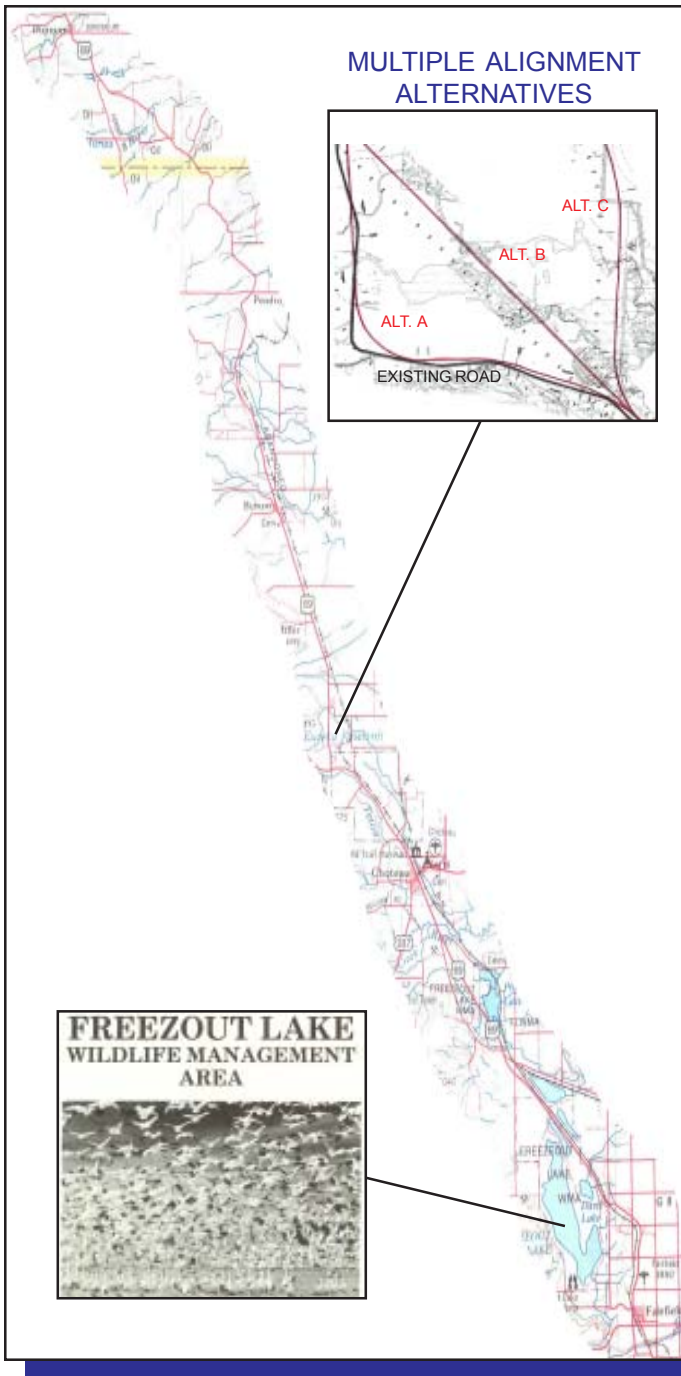


PROJECT PROFILE: TRAFFIC NOISE STUDY



PROJECT: FAIRFIELD TO DUPUYER CORRIDOR STUDY / EIS, Choteau, Montana

CLIENT: BRW, Inc.

To evaluate the **noise impacts** associated with the realignment of this **40-mile long corridor** of U.S. Route 89, Big Sky Acoustics was chosen to conduct a traffic noise study for the project **Environmental Impact Statement (EIS)**.

SERVICES and SOLUTIONS:

- Conducted the traffic noise study according to the guidelines and procedures **required by the Federal Highway Administration (FHWA) per 23 CFR 772, and the Montana Department of Transportation (MDT) Noise Policy.**
- Identified and located **noise-sensitive receptors, such as residences and a wildlife management area, near the existing roadway and the proposed alignment alternatives.**
- **Measured** the existing ambient noise levels at representative locations to **establish baseline conditions** at the receptors.
- **Predicted the traffic noise levels** at the receptors using **FHWA's Traffic Noise Model (TNM) program.**
- **Compared the predicted noise levels to FHWA and MDT traffic noise impact criteria** to determine if adverse impacts would occur at the receptors.
- Summarized the noise study in **a technical noise report that became part of the project EIS.**