



NTSB National Transportation Safety Board

Office of Highway Safety

Golden, Colorado

Girder Collapse onto
Passenger Vehicle and
Occupant Deaths

May 15, 2004

Introduction

- Brief description of the accident
- Staff
- Parties
- Safety issues



C-470

I-70 Eastbound



Source: Jefferson County Sheriff's Office

Path of the SUV



Source: Jefferson County Sheriff's Office





Source: Jefferson County Sheriff's Office

Investigative Staff

- George Black Construction Factors
- Dan Walsh Failure Analysis Factors
- Larry Yohe Witness Factors
- Bob Barlett On-Scene Coordination
- Ken Suydam Investigator-in-Charge

Report Development Staff

- Dennis Collins Human Factors
- Larry Jackson Highway Engineer
- Joe Epperson Metallurgy
- Christy Spangler Graphics
- Julie Perrot Recommendations
- Mary Jones Visual Effects
- Gwynne O'Reagan Writer/Editor
- Michele McMurtry Project Manager

Parties to the Investigation

- Federal Highway Administration
- Occupational Safety and Health Administration
- Colorado Department of Transportation
- Colorado State Patrol
- Jefferson County Sheriff

Parties to the Investigation

- Asphalt Specialties, Inc.
- Ridge Erection Company, Inc.
- AFCO Steel

Safety Issues Identified

- Inconsistent regulatory requirements and guidance for temporary construction related to highway projects
- State oversight of highway contractors and subcontractors



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