



**NTSB** National Transportation Safety Board

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*Office of Highway Safety*

# Introduction

David S. Rayburn

# Investigative Team

- Dan Walsh – Highway Factors
- Jennifer Morrison – Vehicle Factors
- Burt Simon – Human Performance
- Hank Hughes – Survival Factors
- James LeBerte – Motor Carrier Operations
- David Rayburn – Investigator-in-Charge

# Report Development Staff

- Debbie Taylor – Editor
- Mary Jones – Audiovisuals
- Julie Perrot and Danielle Roeber – Recommendations Specialists
- Meg Sweeney – Project Manager

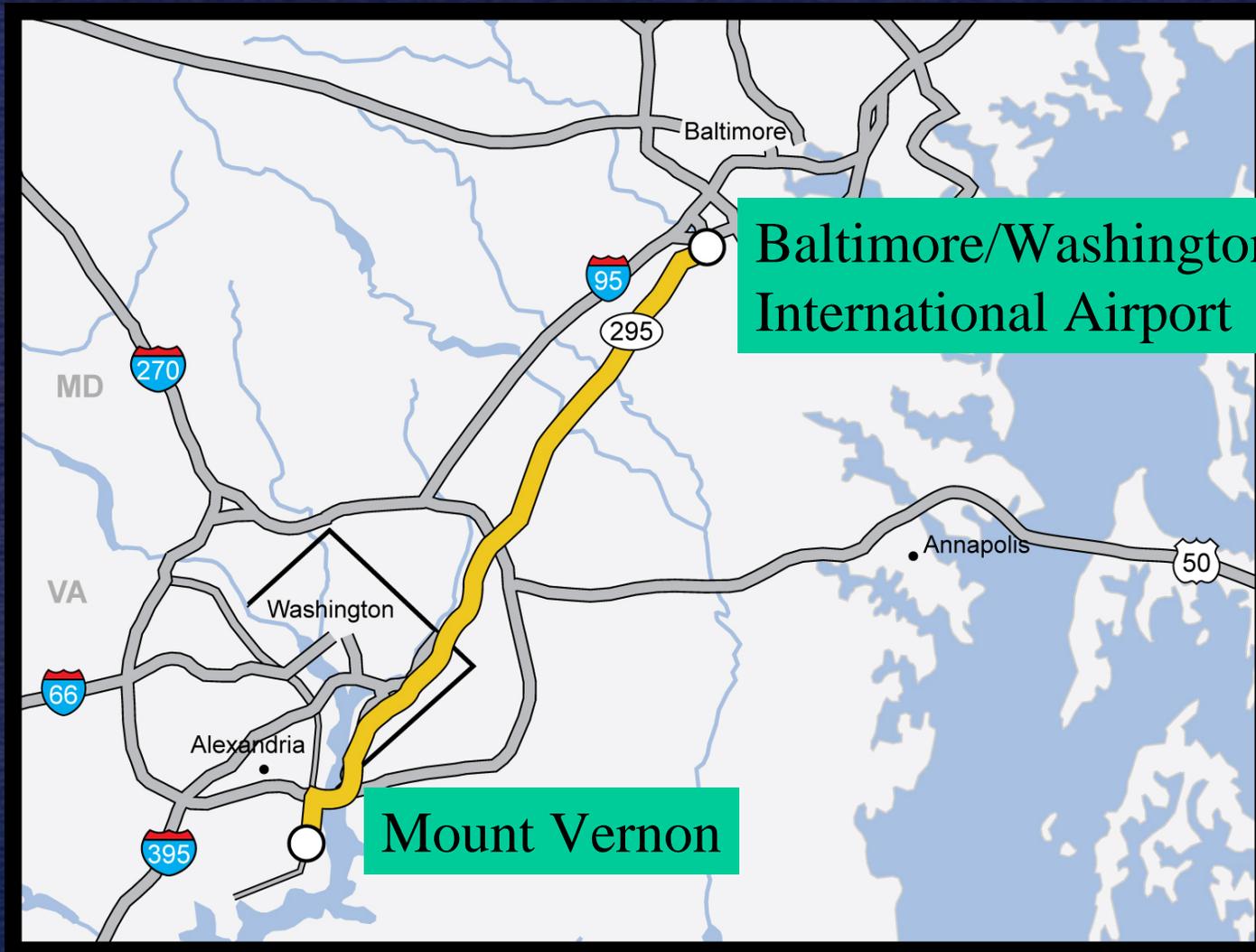
# Parties to the Investigation

- National Park Service
- Federal Highway Administration
- Eyre Bus Service, Inc.

# Safety Issues

- Low Bridge Clearance
- Cellular Telephone Use While Driving
- Collection of Adequate Cellular Telephone Accident Data

# Route



# Accident Bus



# Approach Path of Accident Bus



# Approach Path of Accident Bus



# Alexandria Avenue Bridge



# 1987 Accident Investigation

- 70-passenger double-decked sightseeing bus
- Bus driver failed to
  - Anticipate and recognize his approach to low-clearance overpass
  - Move the bus into the left lane
- Contributing to the accident
  - Lack of appropriate advance warning
  - Inadequate artificial illumination or reflective signage
  - Illicit drug use

# Roadside Signs



# Current Warning Signs

- Vertical height clearance sign 1,580 feet before bridge
  - Left Lane: 13 feet 4 inches
  - Right Lane: 10 feet 2 inches
- Vertical height clearance sign mounted on bridge
- “No truck” symbols 2 miles and 2.3 miles before bridge

# New Warning Sign





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