

**Table of Contents**  
**Environmental Assessment**  
**I-395 / Route 9 Transportation Study**

List of Figures  
List of Tables  
List of Photos  
List of Acronyms  
List of Terms

- I. Purpose and Need
  - A. Introduction
  - B. Purpose Statement
  - C. Project needs
  - D. Objectives of the Proposed Action
  - E. The Decision That Must Be Made
  - F. Applicable Regulations and Required Coordination
  
- II. Alternatives Analysis
  - A. Project History
  - B. Sensible Transportation Policy Act Analysis
    - 1. Travel Demand management
    - 2. Transportation Systems Management
    - 3. Modal Strategies
    - 4. Other Strategies Required by STPA
    - 5. Strategies Considered for Further Analysis
  - C. Alternatives Considered But Eliminated
    - 1.
    - 2.
    - 3.
  - D. Alternatives Retained for Detailed Analysis
    - 1. The No-Build Alternative
    - 2.
    - 3.
  - E. Summary of Predicted Effects
    - 1. Introduction
    - 2. Environmental Impact Matrix
    - 3. Social/Economic Impact Matrix
    - 4. Preliminary Cost Estimate Matrix
  
- III. Affected Environment
  - A. Introduction
  - B. Natural Environment
    - 1. Soils and Geology
    - 2. Water Resources
      - a. Groundwater

October 31, 2000

- b. Surface Water
      - 3. Floodplains
      - 4. Wetlands
      - 5. Aquatic Habitat
      - 6. Vegetation
      - 7. Wildlife and Wildlife Habitat
      - 8. Rare, Threatened, and Endangered Species
    - C. Atmospheric Environment
      - 1. Air Quality
      - 2. Noise
    - D. Land Use, Historic, and Socioeconomic Environment
      - 1. Land Use and Zoning
      - 2. Farmland
      - 3. Traffic
      - 4. Community Facilities and Services
      - 5. Neighborhood and Community Cohesion
      - 6. Environmental Justice
      - 7. Employment and Business Activity Levels
      - 8. Properties/Right-of-way
      - 9. Utility Coordination
      - 10. Historic and Archaeological Sites
      - 11. Public Parks and Recreation lands
      - 12. Uncontrolled Petroleum and hazardous Wastes
- IV. Environmental Consequences and Mitigation
- A. Introduction
  - B. Natural Environment
    - 1. Soils and Geology
    - 2. Water Resources
      - a. Groundwater
      - b. Surface Water
    - 3. Floodplains
    - 4. Wetlands
    - 5. Aquatic Habitat
    - 6. Vegetation
    - 7. Wildlife and Wildlife Habitat
    - 8. Rare, Threatened, and Endangered Species
  - C. Atmospheric Environment
    - 1. Air Quality
    - 2. Noise
  - D. Land Use, Historic, and Socioeconomic Environment
    - 1. Land Use and Zoning
    - 2. Farmland
    - 3. Traffic
    - 4. Community Facilities and Services
    - 5. Neighborhood and Community Cohesion

6. Environmental Justice
  7. Employment and Business Activity Levels
  8. Properties/Right-of-way
  9. Utility Coordination
  10. Historic and Archaeological Sites
  11. Public Parks and Recreation lands
  12. Uncontrolled Petroleum and hazardous Wastes
  - E. Secondary and Cumulative Impacts
    1. Secondary Impacts
    2. Cumulative Impacts
  - F. Summary of Project Commitments
    1. Compensation
    2. Preferred Site
- V. Comments and Coordination
- A. List of Preparers
  - B. Agency Coordination
  - C. Public Involvement
    1. PAC
    2. Public Meetings
- VI. References