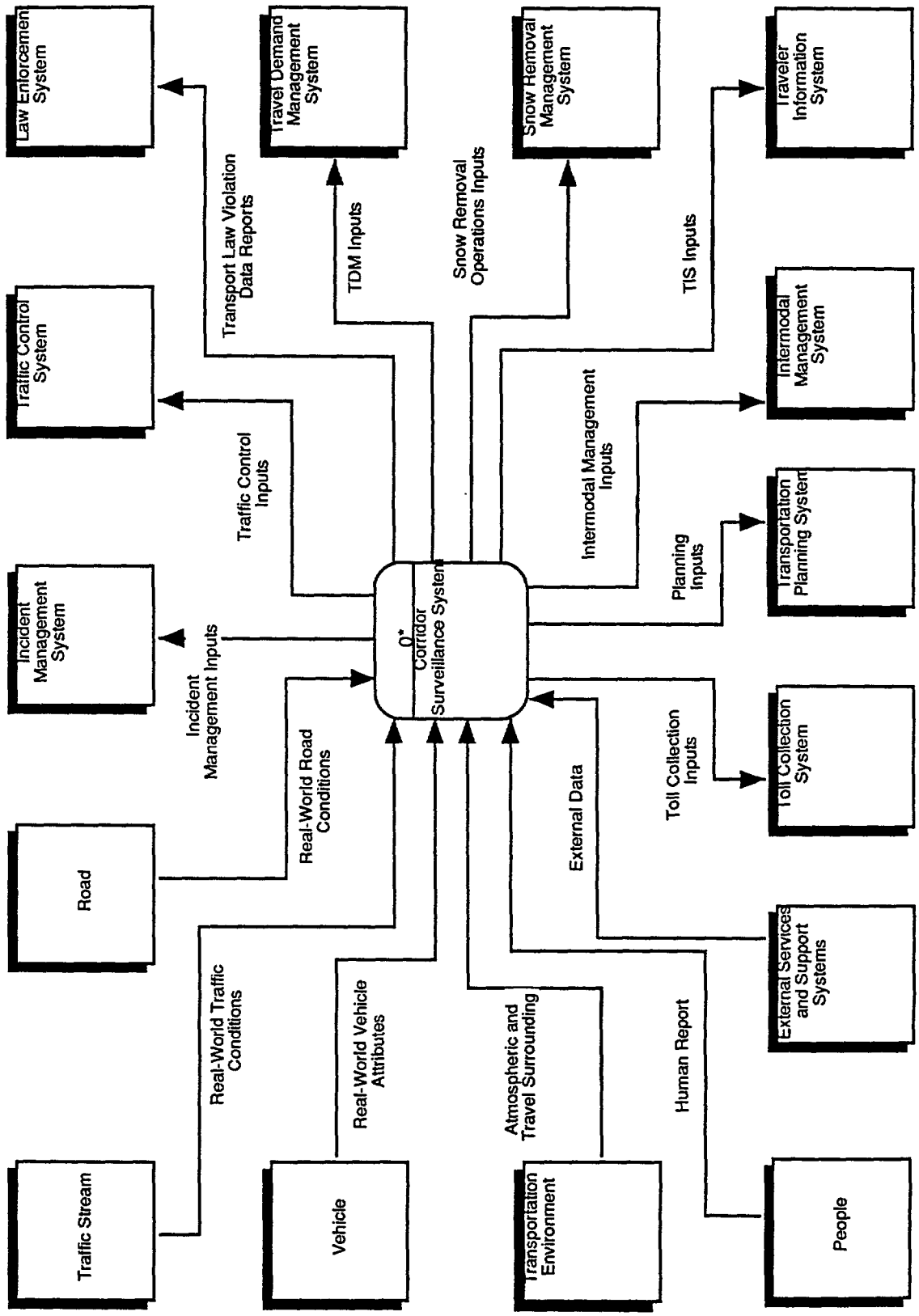
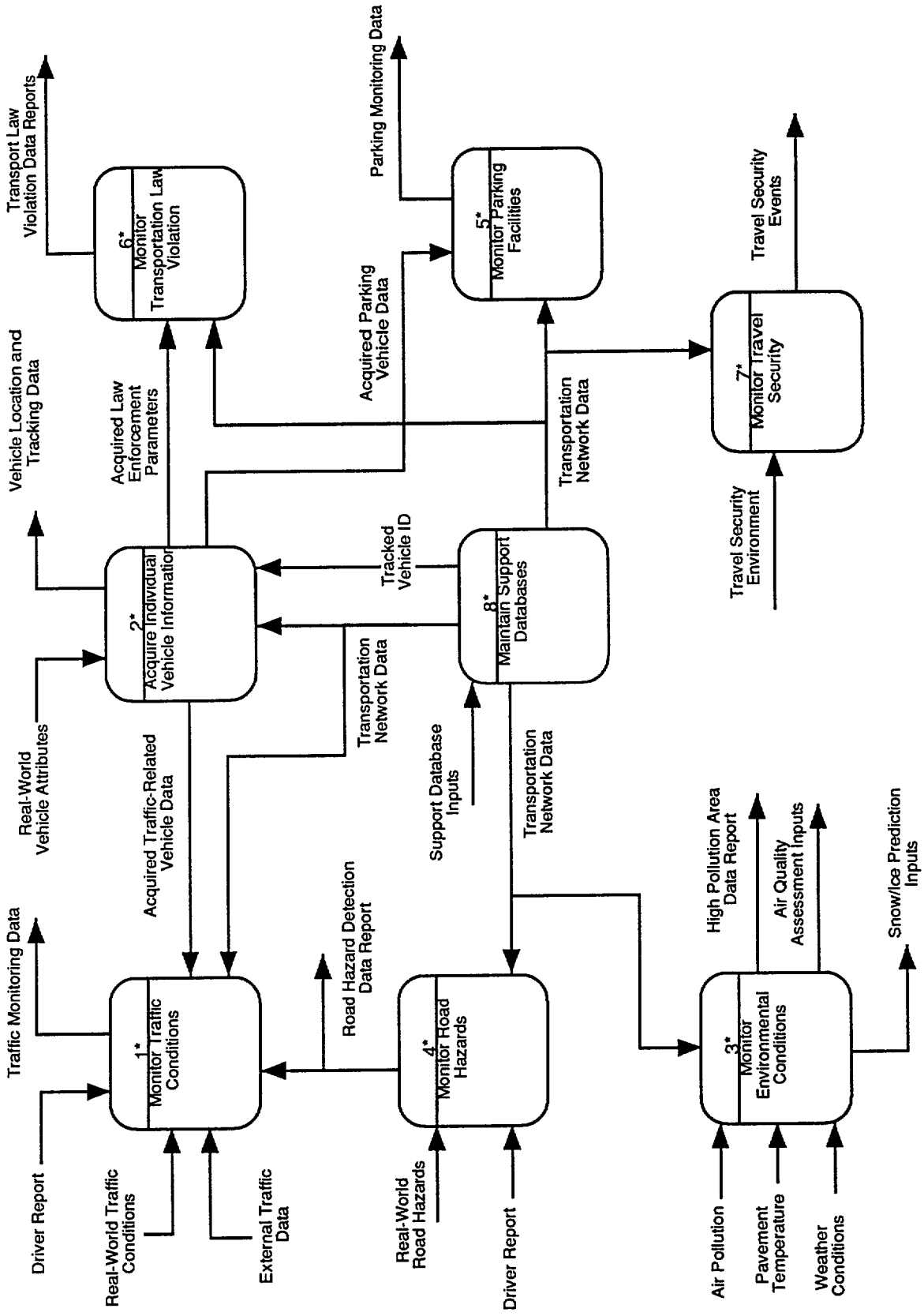
APPENDIX H

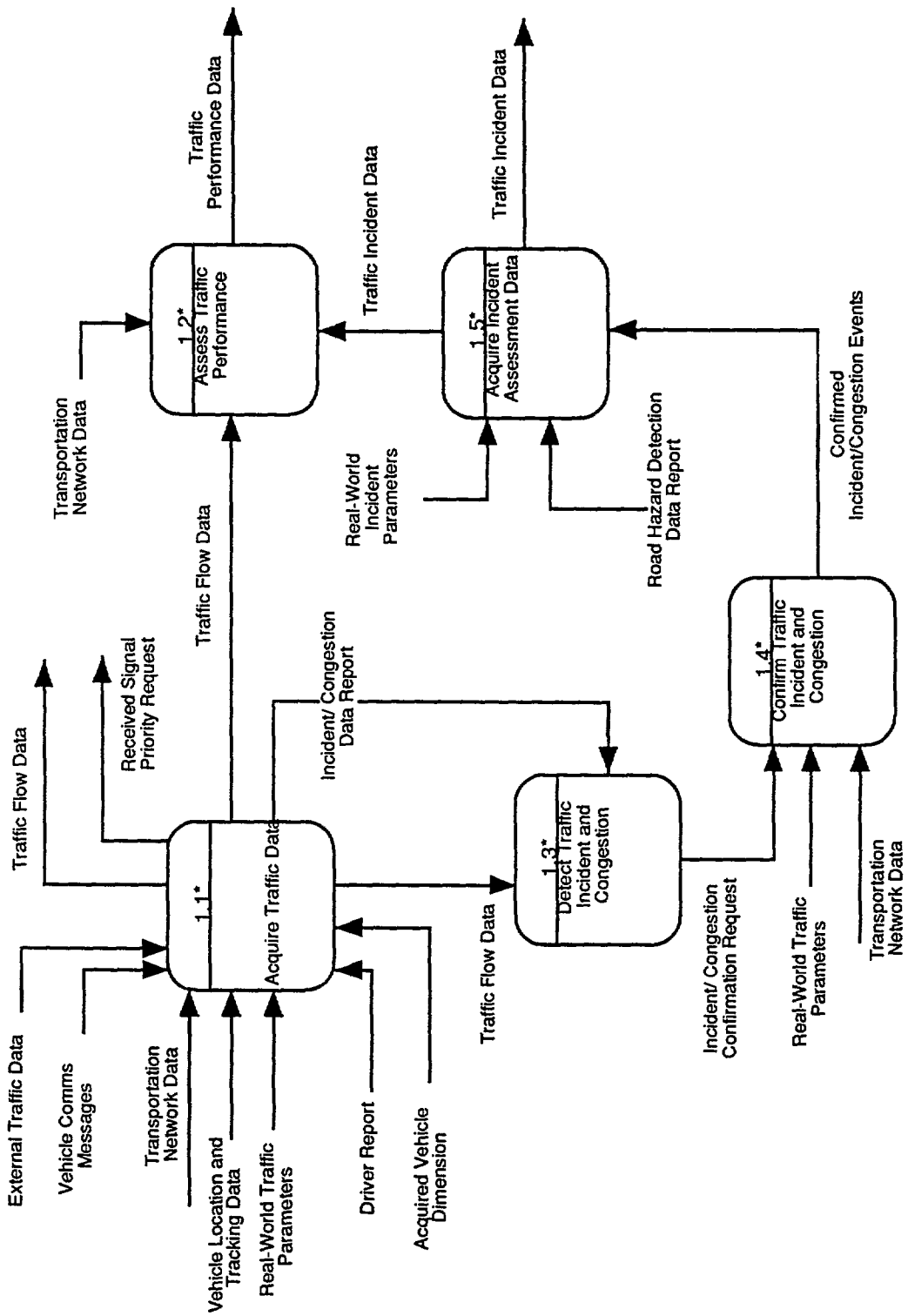
SURVEILLANCE SYSTEM REQUIREMENTS DATA FLOW DIAGRAMS



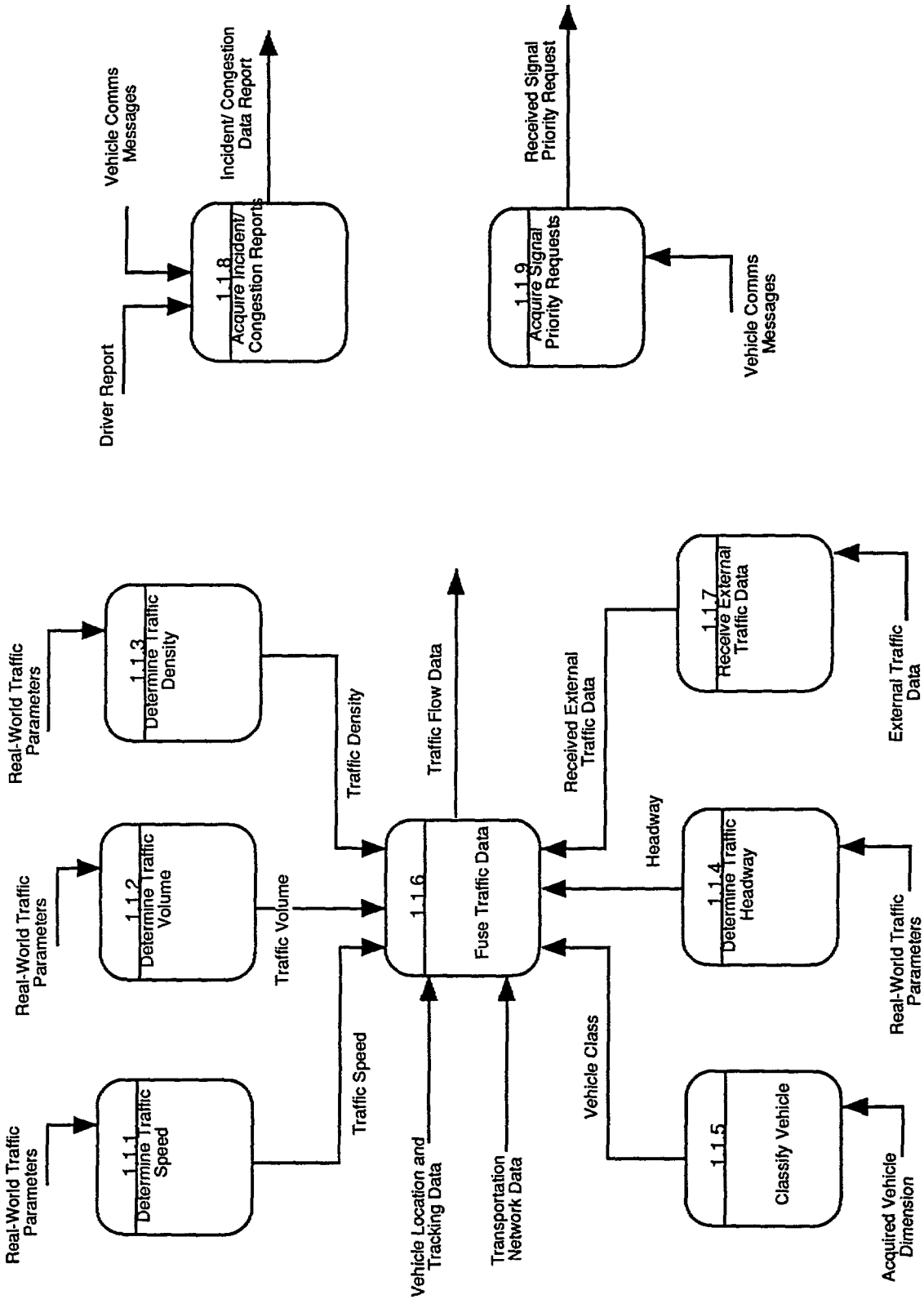
SRT.DFD: 0: Context



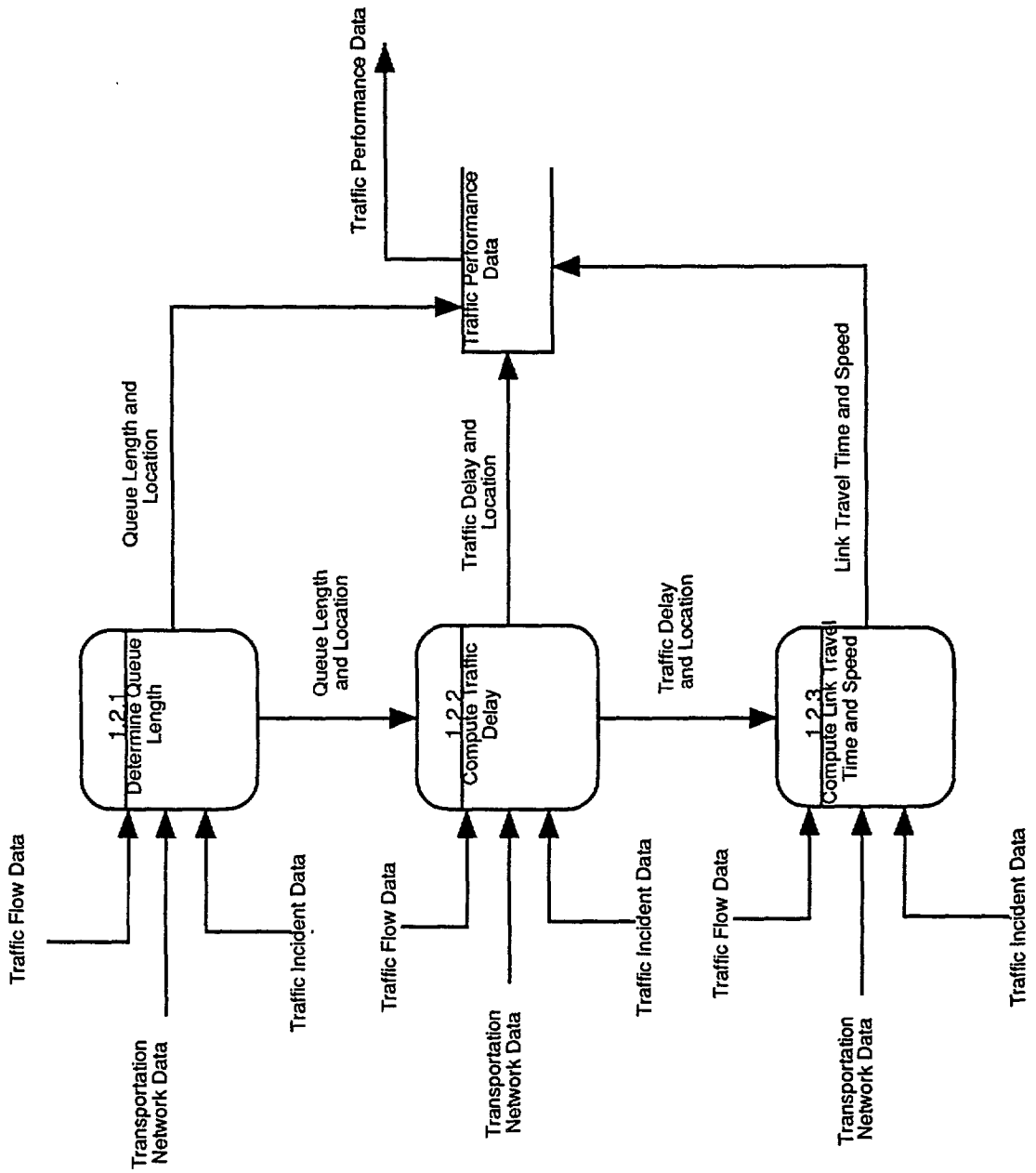
SRT.DFD: 0: Corridor Surveillance System



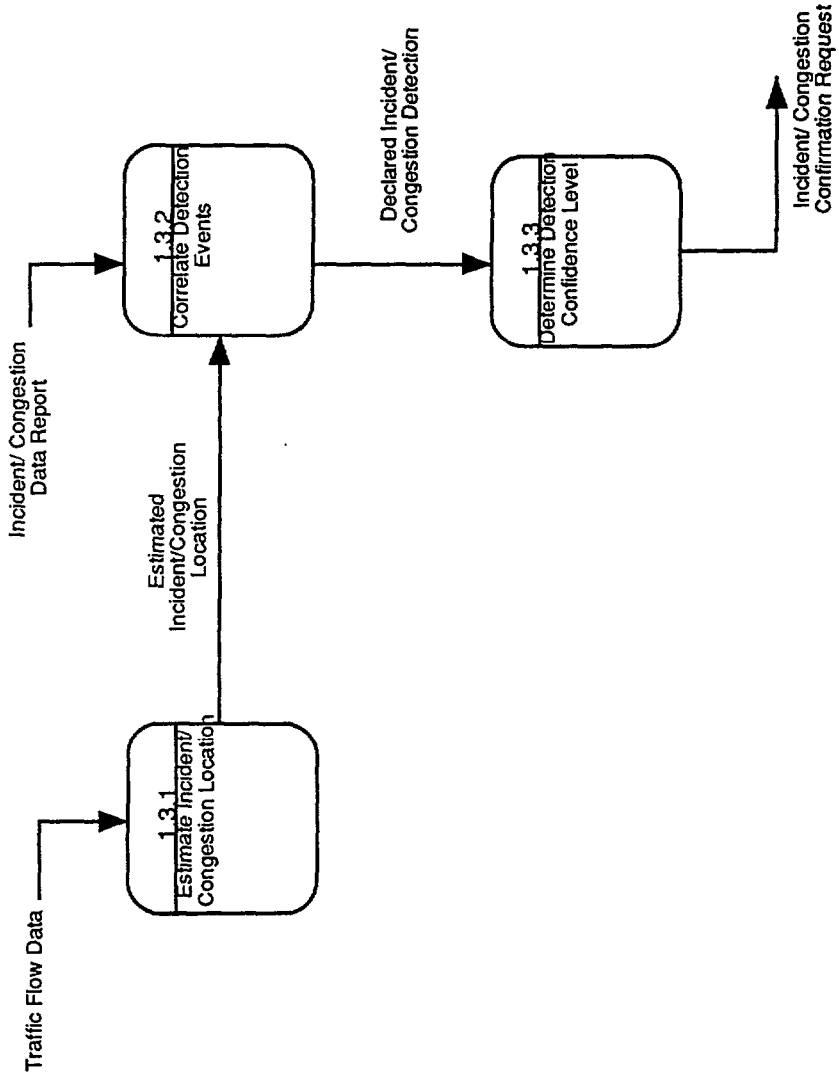
SRT.DFD: 1: Monitor Traffic Conditions



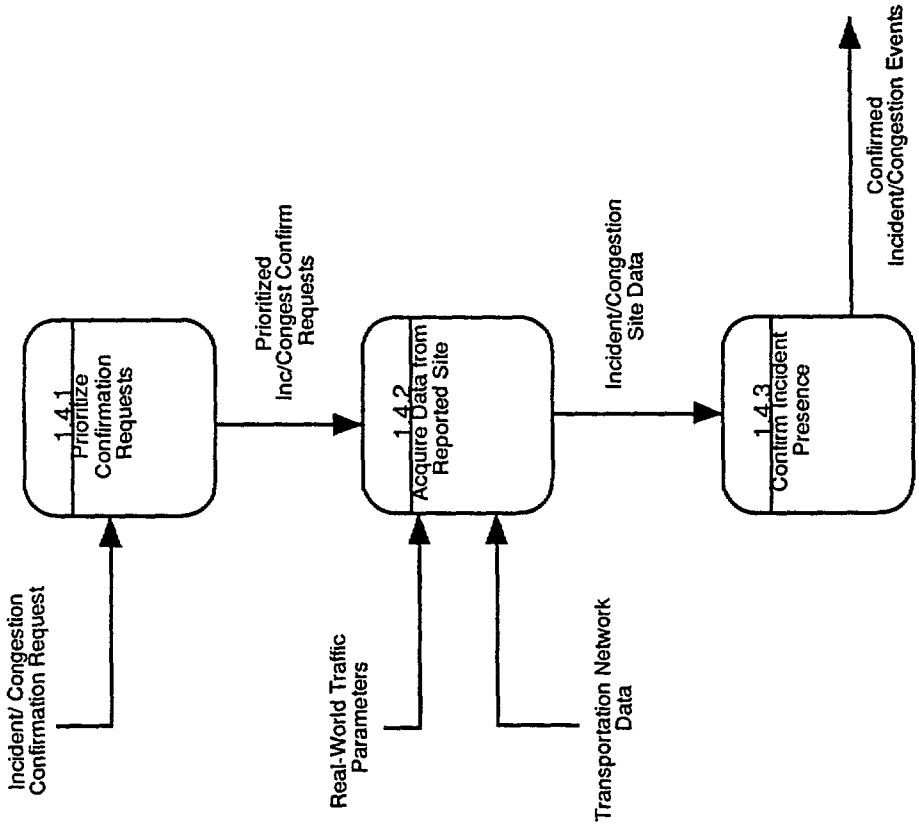
SRT.DFD: 1.1: Acquire Traffic Data



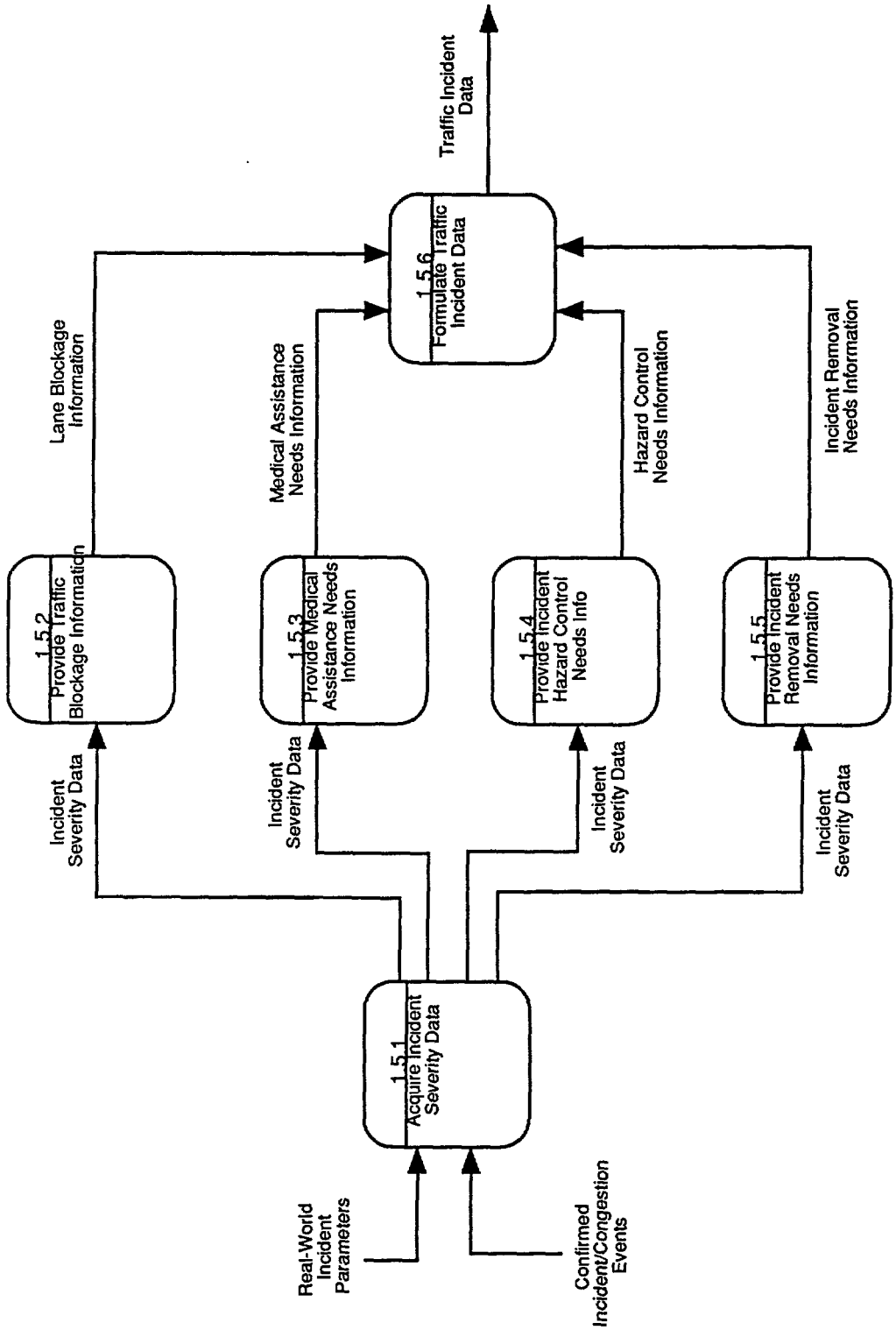
SRT.DFD: 1.2: Assess Traffic Performance



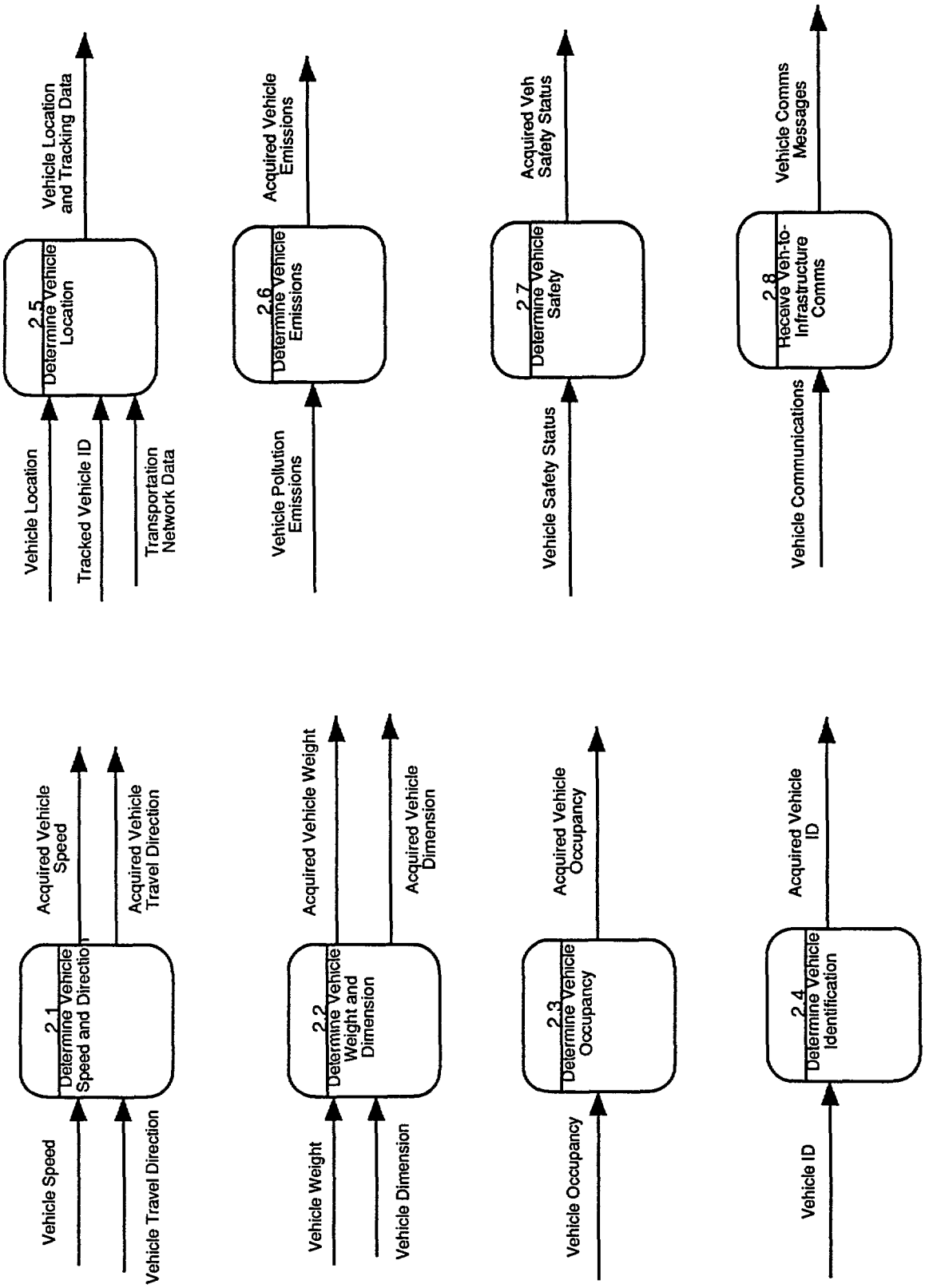
SRT.DFD: 1.3: Detect Traffic Incident and Congestion



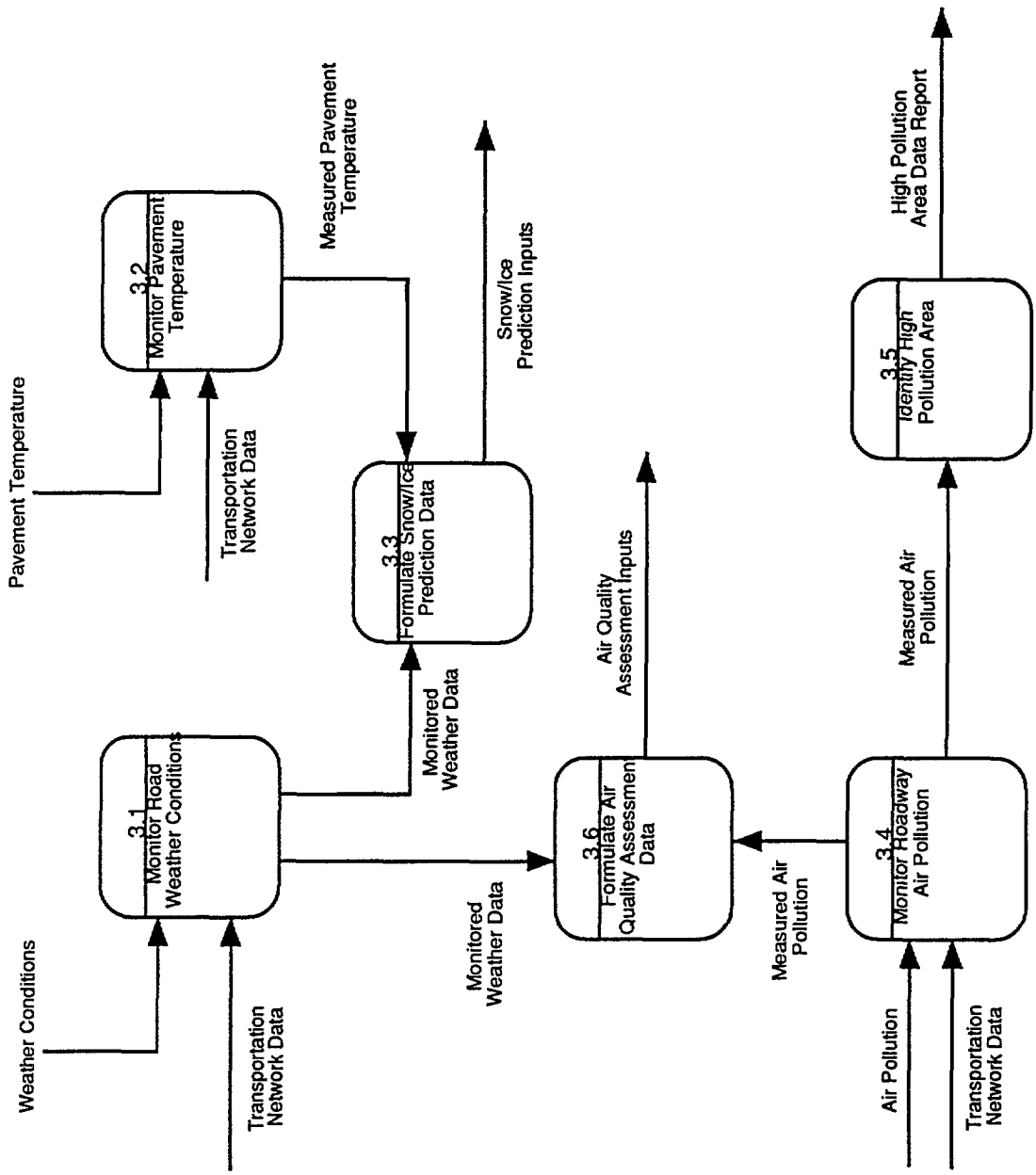
SRT.DFD: 1.4: Confirm Traffic Incident and Congestion



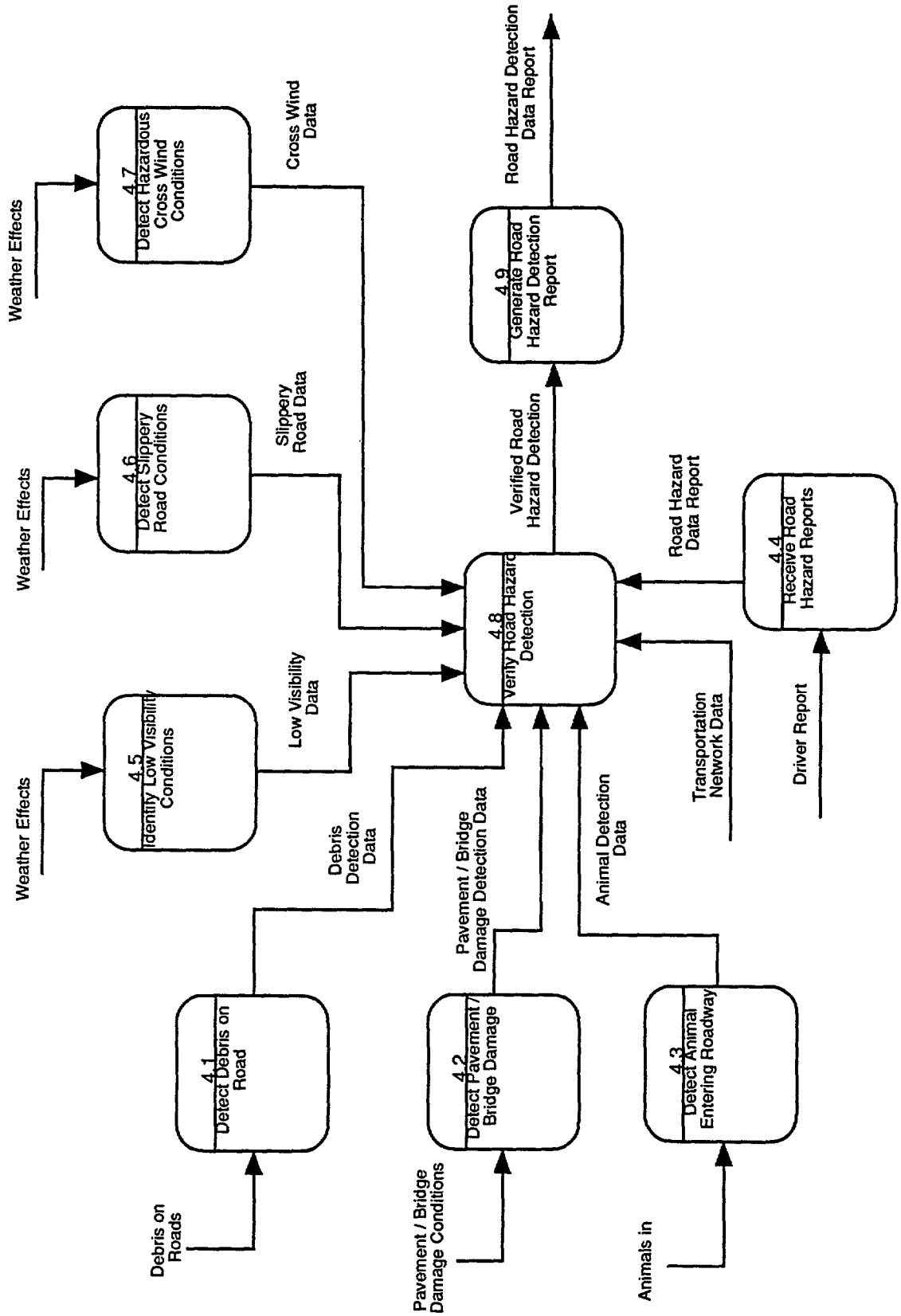
SRT.DFD: 1.5: Acquire Incident Assessment Data



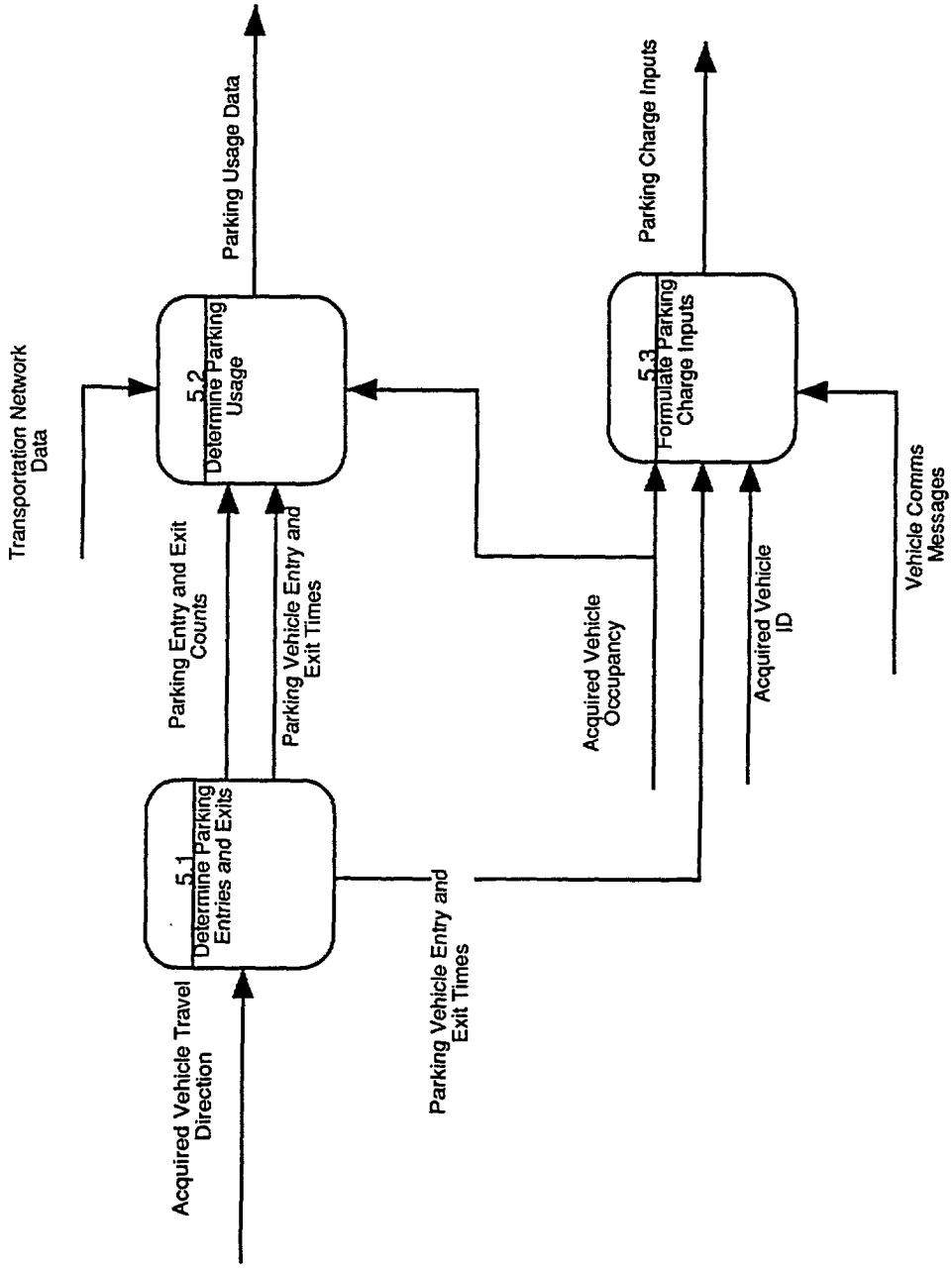
SRT.DFD: 2: Acquire Individual Vehicle Information



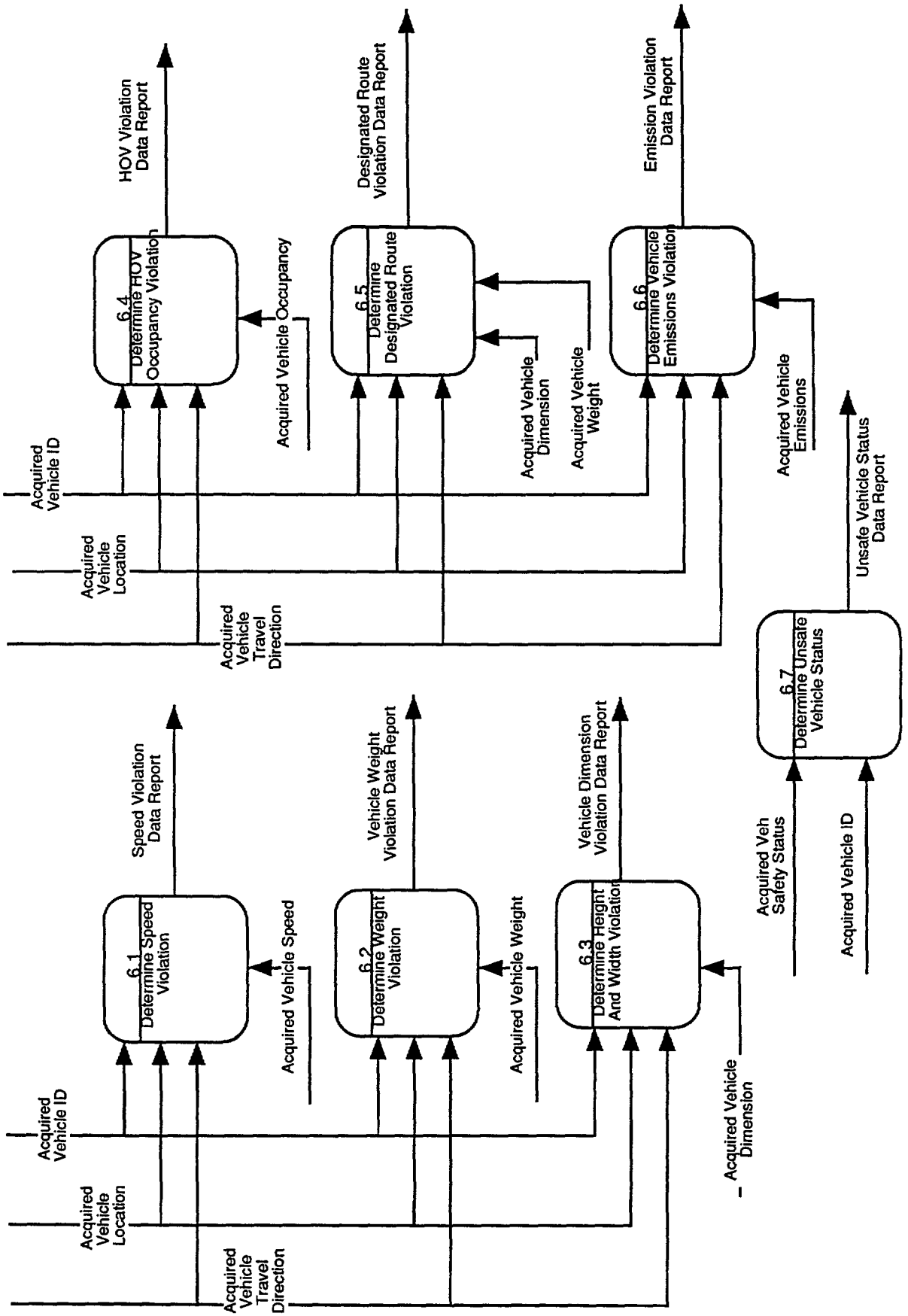
SRT.DFD: 3: Monitor Environmental Conditions



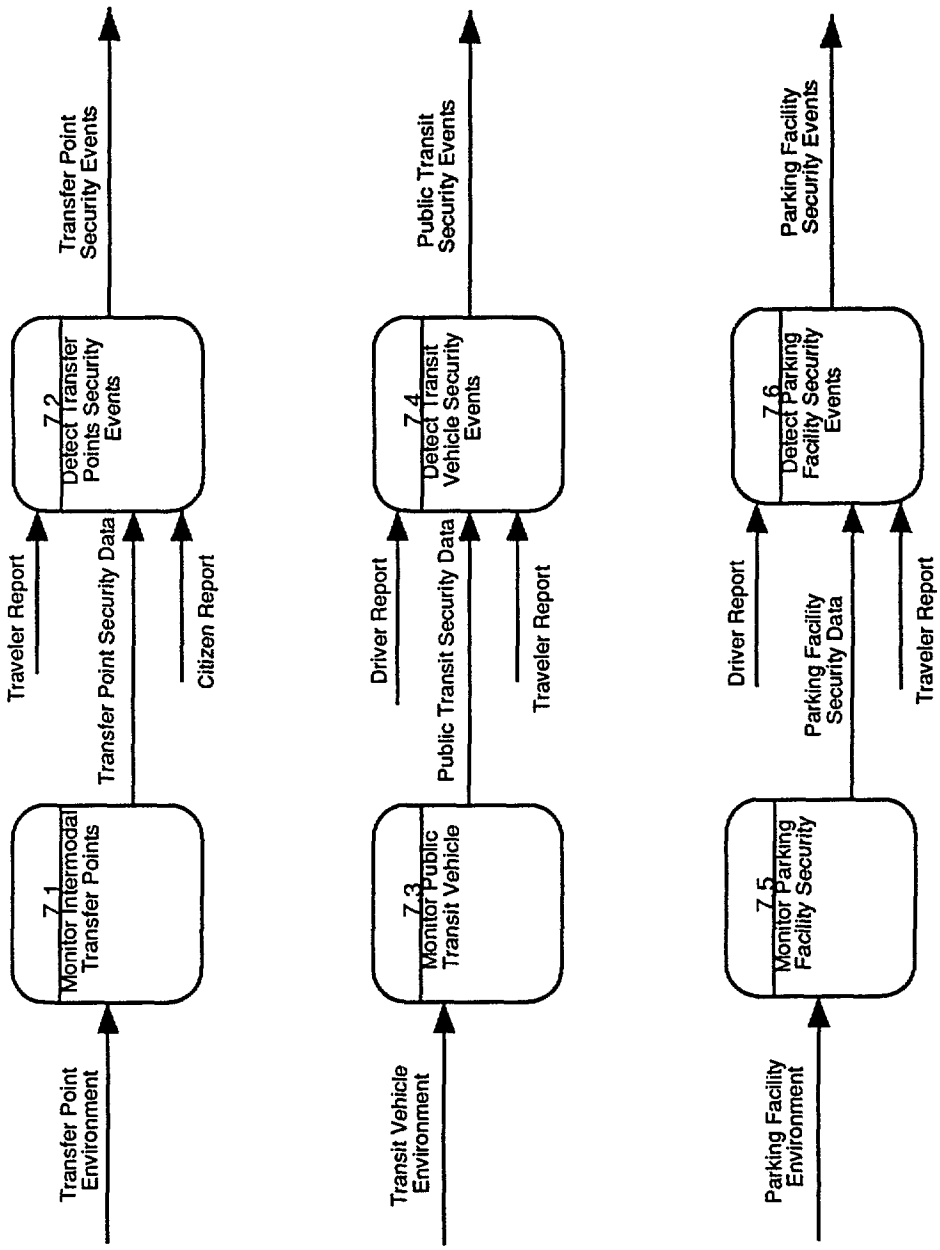
SRT.DFD: 4: Monitor Road Hazards



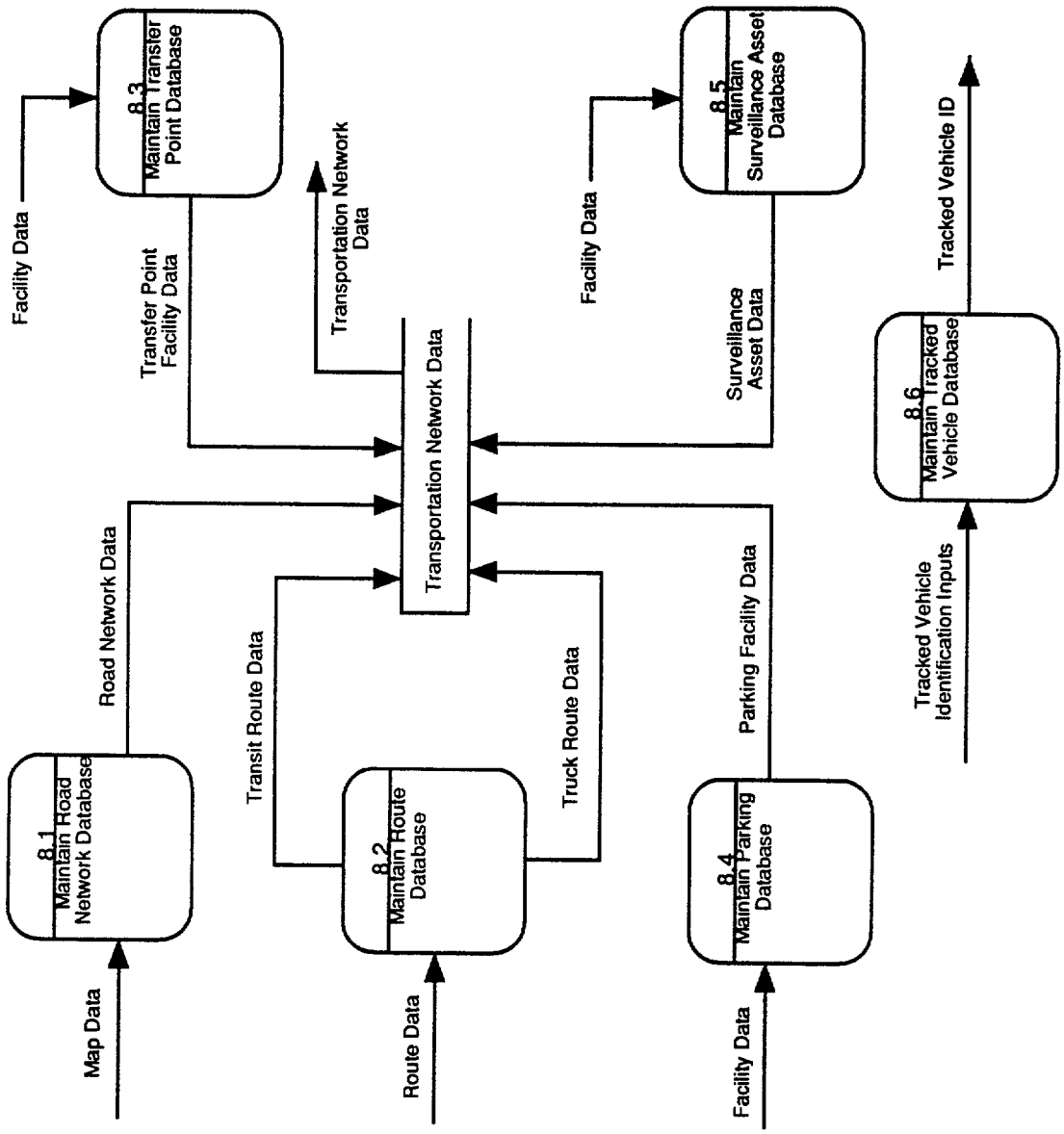
SRT.DFD: 5: Monitor Parking Facilities



SRT.DFD: 6: Monitor Transportation Law Violation



SRT.DFD: 7: Monitor Travel Security



SRT.DFD: 8: Maintain Support Databases