Modeled Scenario: Why the Regional Transportation Recovery Annex Shows I-5 Saturated When SR 167 Closes

Pillar: The Corridors | **Basis:** Modeled Scenario (County Annex) | **Primary Source:** WA EMD / Puget Sound Regional Catastrophic Plan | **As Of:** 2026-11-16 (Modeled Planning Scenario)

The Puget Sound Regional Catastrophic Disaster Coordination Plan Transportation Recovery Annex models multi-corridor disruptions where SR 167 closures leave no parallel high-capacity alternate except an already saturated I-5.

Operational Continuity & Corridor Facts

• MODELED SCENARIO: Developed collaboratively by King County and regional partners under the Puget Sound Regional Catastrophic Disaster Coordination Plan.

• The Transportation Recovery Annex models major roadway disruptions (catastrophic flooding or earthquake-induced liquefaction) affecting north-south valley lifelines.

• When SR 167 closes in the model, diverted commercial and commuter traffic has no parallel high-capacity freeway alternate except I-5—which saturates rapidly.

Modeled Scenario vs. Historical Event Separation

Item	Classification	What It Establishes	Source
Transportation Recovery Annex	MODELED SCENARIO	SR 167 closure forces traffic onto saturated I-5	WA EMD / King County
Dec 15, 2025 SR 167 Closure	HISTORICAL EVENT	6 miles of SR 167 actually closed on Dec 15, 2025	King County / WSDOT
Detour & Priority Toolboxes	PLANNING FRAMEWORK	Pre-identified alternate routes & priority tiers	WA EMD Plans

Corridor Exposure, Triggers & Facility Actions

• Because the Dec 15, 2025 closure validated the Annex's single-corridor dependency in miniature, facilities should treat I-5 gridlock as a certainty during any SR 167 shutdown.

• Do not assume emergency-priority freight passes are automatic; commercial space hardware requires pre-coordinated staging outside the valley.

• Keep modeled scenario assumptions clearly labeled in supplier continuity questionnaires so auditors never confuse drills with actual losses.

Cross-Cluster Links & Primary Sources

• **WA Space Cluster Hub (#1382):** https://bcesg.org/washington-space-cluster-census/

• **Kent WA Space Cluster Profile:** https://bcesg.org/kent-wa-space-cluster-profile/

• **Tukwila WA Space Cluster Profile:** https://bcesg.org/tukwila-wa-space-cluster-profile/

• **Program Manager Desk Brief:** https://bcesg.org/wa-space-role-program-manager-desk-brief/

• **Facilities / EHS Desk Brief:** https://bcesg.org/wa-space-role-facilities-ehs-desk-brief/

• **Satellite Mfg Continuity Exposure:** https://bcesg.org/wa-satellite-manufacturing-continuity-exposure/

• **WA EMD Regional Plans (Recovery Annex):** https://mil.wa.gov/plans

• **WSDOT I-405 / SR 167 Corridor Program:**
https://wsdot.wa.gov/construction-planning/major-projects/i-405sr-167-corridor-program

• **King County Flood Services:**
https://kingcounty.gov/en/dept/dnrp/nature-recreation/environment-ecology-conservation/flood-services

Provenance Note: MODELED SCENARIO: This is a regional emergency-planning model, not a historical event log. Never blend modeled scenarios with dated events.