

# A Virtual Coordination Center for Integrated Management of the Seattle I-5 Corridor

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**Abstract:** The Virtual Coordination Center (VCC) project is a multi-agency program to increase the resilience of our regional mobility network through integrated management of the Seattle I-5 corridor. Regional mobility is crucial to maintaining Seattle's quality of life and economic vitality, especially in the face of considerable stress on the network for the foreseeable future. To help achieve a higher level of integrated corridor management, UW's Center for Collaborative Systems for Security, Safety and Regional Resilience (CoSSaR) is facilitating Seattle-area agencies in the design, development and deployment of a cloud-based VCC. This common virtual operating environment will enhance the highly collaborative operations necessary for achieving collaborative incident and congestion management. This talk explores the strategies and activities of this vital and innovative regional initiative.

**Bio:** Mark Haselkorn is a Professor of Human Centered Design & Engineering at the University of Washington, specializing in the design and development of complex systems for multi-stakeholder collaboration. He directs the Center for Collaborative Systems for Security, Safety, and Regional Resilience (CoSSaR) (<https://www.hcde.washington.edu/research/labs/cossar>) a multi-disciplinary research and development environment where professionals from a wide range of entities (Federal, State, County, City, Tribal, International, Public and Private) team with university experts to align strategies, processes and investments in systems for security, safety and resilience. Current projects include the design and development of a cloud-based Virtual Collaboration Center in support of Integrated Corridor Management in the Seattle I-5 corridor, and evaluation and transition recommendations for enhanced technology along the U.S.-Canada maritime border.