

Implementing Integrated Corridor Management



NCHRP Project 03-121: “Incorporating Freight, Transit, and Incident Response Stakeholders into Integrated Corridor Management (ICM): Processes and Strategies for Implementation” produced *NCHRP Research Report 899: Broadening Integrated Corridor Management Stakeholders*, published in 2020, and implemented the research results under the same project.

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Cambridge Systematics

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“I found the ICM workshop I attended to be extremely valuable in terms of getting all of the corridor stakeholders (local agencies, LAX, transit, and active transportation) into the same room and onto the same page.”

Ed Alegre
Senior Manager – Highway ITS Group
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NCHRP Project 03-121: “Incorporating Freight, Transit, and Incident Response Stakeholders into Integrated Corridor Management (ICM): Processes and Strategies for Implementation” produced *NCHRP Research Report 899: Broadening Integrated Corridor Management Stakeholders* for transportation decision-makers on how to incorporate freight, transit, incident response, and non-motorized transportation stakeholders into the ICM process. The report is based on documented lessons-learned from agencies which have implemented ICM, and includes institutional, technical, and organizational approaches related to implementation of the ICM strategies such as: cooperative procedures and agreements, operational constraints and opportunities, potential ICM strategies, evaluation methodologies and performance measures related to successfully incorporating these stakeholders into ICM.

NCHRP implementation funds were used to conduct three regional workshops were funded in 2019 by the NCHRP Implementation Support Program around the I-105 corridor in Los Angeles, the I- 495, I-190, and I-287 corridors in New York, and the I-95 and US-1 corridors in Fort Lauderdale. These workshops were intended to equip transportation decision makers with a systematic approach to engaging non-traditional stakeholder groups in ICM planning, give transportation professionals the tools to present a strong case to management on why to involve non-traditional stakeholder groups, and provide transportation decision makers with insights on the objectives and needs of each non-traditional stakeholder group to develop win-win scenarios to engage non-traditional stakeholder groups to come on board the ICM planning process.

Each region where these workshops were held faces their own unique transportation challenges, challenges that are critical in developing an effective ICM concept. While each region is unique, common ICM challenges faced by most ICM project teams include:

- Need for strong ownership and leadership of ICM projects,
- Impact of elected officials on support for ICM projects,
- Need to identify funding for operations & maintenance,
- Certain funding sources are limited to capital improvements.

The workshops introduced and conducted hands-on exercises with workshop participants by utilizing the ICM Planning Framework developed for NCHRP Project 03-121, to help transportation agency decision makers engage freight, transit, incident management, and nonmotorized stakeholders in an ICM project in a way that is beneficial to all parties. By bringing stakeholders into the same room and educating them on why they need each other to make ICM successful in their region, traditional silos began to be broken down. The interactive exercises helped workshop attendees understand transportation challenges from the perspective of various stakeholder groups.