



Photo Source: USDOT

INTEGRATED CORRIDOR MANAGEMENT (ICM)

Knowledge and Technology Transfer (KTT)

What Is ICM?

The ICM approach involves aggressive, proactive integration of infrastructure along major corridors so that transportation professionals can fully leverage all existing modal choices and assets. ICM helps transportation leaders improve travel time reliability, empower travelers, and manage traffic congestion. Called the “next logical step in transportation operations,” ICM gives corridor managers a proven approach and toolbox to integrate developments in technologies, collaborative practices, and operations innovations from the last decade for improved corridor performance and enhanced traveler experience.

What Is ICM KTT?

As part of the ICM Initiative, the U.S. Department of Transportation (USDOT) selected two corridors to demonstrate the nation’s first ICM systems—US-75 in Dallas, TX, and I-15 in San Diego, CA. The USDOT is freely disseminating the resources and lessons learned from the ICM Initiative through a suite of KTT resources intended to equip multimodal transportation leaders to improve corridor performance. KTT resources include the searchable, browseable ICM Knowledgebase; guidance documents; peer-to-peer training opportunities; conferences and meetings; and outreach materials such as fact sheets and presentations.

Is ICM Right for My Region?

Does your region have:

- A multimodal corridor
- Spare capacity on alternate routes and/or modes
- Regional goals to improve reliability, mobility, and environmental impacts
- Readiness for institutional integration
- Desire to enhance livability, economic vitality, and preparedness
- Readiness to demonstrate the region’s leadership in deployment of innovative, intelligent and reliable transportation solutions



Why ICM?

Commuters, truck drivers, and leisure travelers alike want to get from “Point A” to “Point B” within a reasonably predictable amount of time. However, statistics show that to reach their destination on time, motorists in many urban areas have to allow up to 60 minutes because of unexpected delays to make a trip that would take 20 minutes in light traffic.¹ In cities, towns, and regions today, separate agencies and departments often manage freeway, arterial, and transit services. Travelers cannot easily view or compare all of their available transportation options at any moment in time, making it difficult to change routes or modes either pre-trip or en route. **Transportation leaders implementing ICM can change this.**

Want to learn more? Check out the full ICM fact sheet series

- ICM Overview
- ICM Pioneer Sites
- ICM Demonstration Sites
- ICM Analysis, Modeling and Simulation
- ICM Decision Support Systems
- ICM Knowledge and Technology Transfer



Photo Source: USDOT



U.S. Department of Transportation

¹ Schrank, David, Bill Eisele and Tim Lomax, 2012 Urban Mobility Report, Texas A&M Transportation Institute, December 2012.



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Implement ICM Faster and More Reliably with KTT

ICM KTT resources can help you answer questions such as:

- What is the USDOT's vision for ICM, and what insights have been gained from the ICM research initiative?
- What approaches have peers taken to implement ICM?
- How do I get started with ICM in my corridor?
- How do I analyze and evaluate ICM strategies?
- How do I design an ICM system?

Stakeholders at any level of the ICM implementation process can use ICM KTT resources, and each resource type can provide distinct advantages to end users. The USDOT is actively connecting leaders from peer locations implementing ICM today, including representatives from the demonstration sites and early adopter locations, in the development of the content and format for the KTT resources to ensure they are useful and practical. Where possible, the USDOT will help tailor KTT materials to the needs of the individual agency.

Core ICM KTT Resources

	What is it?	Why use it?
Workshops	Half-day introductory workshop or up to two-day hands-on workshops that provide technical assistance to locations interested in or actively implementing ICM. Contact Neil Spiller at neil.spiller@dot.gov to learn more.	• Interaction with expert facilitators, instructors, and ICM peers • Customizable content to focus on the specific needs of your region • Forum to generate stakeholder input and support
Implementation Guidance	The ICM Implementation Guide and the ICM Analysis, Modeling, and Simulation (AMS) Guide provide clear, actionable steps for implementing ICM projects.	• Proven practices and processes based on pioneer site experiences • Real-world examples and lessons learned
Knowledgebase	An online clearinghouse that houses all materials developed under the USDOT ICM Initiative: http://www.its.dot.gov/icms/knowledgebase.htm	• One-stop resource for access to the full range of ICM materials • Example ICM documentation from peers
Conferences and Webinars	Periodic webinars on a range of topics related to ICM and sessions at various conferences and meetings throughout the country, hosted by the USDOT and its partners. Visit the ICM website to sign up for the ICM Newsletter and stay informed about when these events occur.	• Opportunities to engage with ICM peers and the USDOT ICM team • Updates on ICM projects across the country • Forum to have your questions answered in person
Marketing and Outreach Materials	Fact sheets, articles, presentations, and videos that provide content on a range of ICM topics. Visit the Knowledgebase to access these materials.	• Clear, concise content to introduce ICM to key decision-makers in your region and get their support

For more information about this initiative, please contact:

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