



Texas State Transportation Innovation Council

Member Guidance Document

March 2018

Prepared by
Federal Highway Administration and
Texas Department of Transportation

Overview

General Information

The purpose of this guidance document is to provide information on the roles and responsibilities, administration, and management of the State Transportation Innovation Council (STIC) and the Functional Area Committees (FAC). Users can easily navigate through this guidance document by selecting a bookmark on the left-hand side. All members can always view the most current information within the guidance document at the TxSTIC at <http://www.TxSTIC.org>.

Background Information

In 2010, the Federal Highway Administration (FHWA) implemented the Every Day Counts initiative to shorten project delivery and expedite the deployment of proven technologies. The initiative's goals are to create an innovative atmosphere among the transportation community to allow for a more efficient and effective delivery of projects to address the general public's transportation needs. FHWA introduced the STIC concept to state transportation departments and industry partners to foster ownership and pride in establishing a process in which ideas, innovative techniques, and processes can be evaluated and implemented quickly and proficiently.

Purpose of STIC

The STIC is composed of a multi-stakeholder leadership that works together to forge an environment of innovation, imagination, and ingenuity to pursue specific initiatives and their rapid implementation to deliver a modern, high quality transportation system to the citizens of the commonwealth. The STIC will be identifying ways that Texas responds to key issues and challenges that impact the highway program and suggesting options to enhance the program and Texas's transportation infrastructure.

Purpose of Functional Area Committees (FAC)

In order to assist the STIC, the Functional Area Committees evaluate the initiatives to be promoted and implemented, **FACs have been created to suggest options for potential benefits and uses of initiatives or investment opportunities.** The FACs are responsible for ensuring that the chosen initiatives succeed in improving the transportation system and will be required to develop a deployment plan. The FACs will also be responsible for tracking and reporting the initiatives progress moving forward. The FACs that have been created thus far are focused in the following areas: project delivery; construction; maintenance; design; environmental; safety; technology; intelligent transportation systems; materials; and, public outreach.

Charter

Purpose

This Charter establishes the State Transportation Innovation Council (STIC) for the State of Texas and defines its vision, mission, scope and responsibility, membership, and administration.

Vision

The State Transportation Innovation Council (STIC) for the State of Texas will foster a collaborative culture for the rapid implementation of ready to deploy and beneficial innovations and technologies to efficiently deliver to the public a modern, high-quality transportation system.

Mission

Facilitate the rapid implementation of innovative technology, tactics and techniques among transportation program delivery professionals at all levels of state government and throughout the private and non-profit sector to ensure smart, efficient investment in Texas highway and transportation infrastructure.

Scope and Responsibility

TxDOT and Local Public Agencies statewide own the transportation system and make key decisions on how to deliver projects, as well as what innovative techniques and technologies will be used to ensure the safe operation of the highway system. A State Transportation Innovation Council (STIC) for the State of Texas brings together primary stakeholders that represent all these entities and works to collectively lead innovation in the State of Texas. The TxSTIC serves to act as a catalyst for rapid deployment of nationally and State identified new technologies, strategies, and methods that have already been demonstrated to be successful in “real world” applications, and can offer improved performance and effectiveness of the transportation system within the State of Texas.

The STIC will:

- Serve to advise the TxDOT Director of Strategy & Innovation and FHWA Texas Division Administrator
- Provide a means of ensuring regular contact and communication between the TxDOT, Local Public Agencies, and other highway sector stakeholders
- Report to the TxDOT Director of Strategy & Innovation and FHWA Texas Division Administrator on the status of implementing State and Federal program initiatives
- Provide leadership the opportunity to promote and support rapid deployment of selected innovative technologies, strategies, and methods
- Provide a forum for discussing and proposing solutions to critical transportation-related problems
- Act as a liaison among the stakeholders represented by the membership, and may provide a forum for those stakeholders on current and emerging technology issues in the transportation sector

- Develop a process to select innovative technologies, strategies, and methods on which to focus near-term implementation efforts
- Identify and mobilize champions within the State of Texas who are committed to the deployment of selected innovative technologies, strategies, and methods
- Assist in the development of deployment plans and strategies regarding new innovative technologies
- Monitor performance metrics to ensure priority initiatives are converted into standard practice
- Share information with all State of Texas' transportation stakeholders through meetings, workshops, trainings, webinars, and conferences

Membership

The STIC for the State of Texas membership shall reflect the diversity of the transportation industry within Texas by representing a balanced cross-section, including entities from various geographic locations and agencies of various sizes.

The current STIC membership roster is shown in Attachment A of this charter, and this list is subject to change over time.

In addition, subject matter experts (SMEs) and other technical advisory members may be invited to attend the STIC meetings with the concurrence of the TxDOT Director of Strategy & Innovation and the FHWA Texas Division Administrator. The SMEs may also be called upon by the STIC to serve as part of a Functional Area Committee, as more fully explained in the Subcommittees section of this charter.

The STIC is co-chaired by the TxDOT Director of Strategy & Innovation and the FHWA Texas Division Administrator and will be composed of not more than twenty-five (25) individual members. All member organizations (that are not affiliated with a State or Federal agency) will delegate a representative who is appointed for a two-year term by the organization's chief executive officer or board of directors, with each member eligible to be reappointed for an additional two-year term. Any person appointed to fill a temporary vacancy shall serve for the unexpired term, with the option to be reappointed for a successive two-year term, by the appointing organization or agency.

Meetings

The STIC for the State of Texas shall meet at least twice per year at a time and location established by the Co-Chairs. In addition, the STIC may be convened in an emergency session to address time-critical topics as deemed necessary by the Co-Chairs.

Members are expected to attend all meetings. Attendance may be in person or via any two-way interactive communications means (including teleconference calls, videoconferences, or webinars). If necessary, a member may be represented by a

designated alternate. A majority of nominated members, one of whom is a Co-Chair, must attend the meetings in order to establish a quorum for project selection purposes.

Items presented for STIC meetings will be circulated electronically for members' review at least two weeks in advance of the meeting to allow members enough time to review the documents in a meaningful way.

Subcommittees

The STIC will review State or Federal program initiatives or other innovation initiatives proposed by members and the TxDOT Functional Area Committees. The TxDOT Functional Area Committees (FACs), composed of transportation subject matter experts, will be responsible for reviewing, prioritizing and presenting proposed initiatives to the STIC for review, discussion and action. TxDOT's Research and Technology Implementation Office (RTI) will be responsible for monitoring transportation research initiatives and implementation efforts (as well as other innovations) within the State of Texas, and will provide reports and briefings to the STIC on project status. RTI will also be responsible for sharing this information with transportation sector stakeholders.

Organization

Co-Chairs

Darran Anderson – TxDOT Co-Chair
Al Alonzi – FHWA Co-Chair

Coordinators

Rocio Perez – TxDOT
Kirk Fauver – FHWA

Council Organizations

- North Central Texas Council of Governments
- Texas Freight Advisory Committee, Harris County
- Texas Association of County Engineers and Road Administrators
- Texas Department of Public Safety
- Intelligent Transportation Systems of America, Texas
- Capital Area Metropolitan Planning Organization
- Central Texas Regional Mobility Authority
- Austin – San Antonio Corridor Council
- American Society of Civil Engineers, Texas
- Institute of Transportation Engineers, Texas
- Harris County Toll Road Authority
- Texas General Land Office
- Texas Local Technical Assistance Program
- American Public Works Association, Texas
- Women in Transportation Seminar, Heart of Texas

Functional Area Committees

Construction & Maintenance

Planning & Environmental

Safety & Operations

Structure & Hydraulics

Strategy & Innovation

Membership

Lead Coordinators:

FHWA Texas Division: Kirk Fauver

Urban Transportation Planning & Research Engineer

Kirk.fauver@dot.gov

TxDOT: Rocio Perez, Director

Research and Technology Implementation Office

rocio.perez@txdot.gov

State Transportation Innovation Council Members:

Federal Highway Administration- Texas Division

Co-Chair (FHWA)

Al Alonzi, Division Administrator

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Texas Department of Transportation (TxDOT):

Co-Chair (TxDOT)

Darran Anderson, Director of Strategy & Innovation

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North Central Texas Council of Governments

Chris Klaus, Senior Program Manager

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Texas Freight Advisory Committee, Harris County Judge Ed Emmitt's Office

Barbara Koslov, Transportation Policy Advisor

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Texas Association of County Engineers and Road Administrators:

Joe Trammel

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Texas Department of Public Safety:

Major David Palmer, Highway Safety Operations Center

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Central Texas Regional Mobility Authority:
Mike Heiligenstein, Executive Director,
mstein@ctrma.org
Greg Mack, Asst. Director of IT & Toll Systems
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Capital Area Metropolitan Planning Organization (CAMPO):
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Nirav Ved
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Women in Transportation Seminar, Heart of Texas Chapter
Lindsay Wood, President
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Jackie Sartor, Vice President
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Texas Local Technical Assistance Program:
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Harris County Toll Road Authority
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Intelligent Transportation Systems of America, Texas Chapter:
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Texas General Land Office
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American Public Works Association, Texas Chapter:
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American Society of Civil Engineers, Texas Chapter:
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Institute of Transportation Engineers, Texas District:
Brian Moen, President
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Austin-San Antonio Corridor Council
Ross Milloy, President
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