



# El Paso County

Information Session

## U.S./MEXICO SECURE BORDER TRADE DEMONSTRATION PROJECT

El Paso, Texas  
March 30, 2010

# Information Session Agenda

- Welcome and Introductions
- Project History/Description
  - Need
  - Goals and objectives
  - Components
- Procurement Process
  - Procedures
  - Contact
  - Milestones
  - Schedule
- Monitoring, Reporting & Evaluation
- Questions

# Project Background

- In 2006, the El Paso MPO's Transportation Policy Board approved the El Paso County's application for FHWA Coordinated Border Infrastructure (CBI) funds for the Secure Border Trade (SBT) project
- In September 2007, FHWA approved the project contingent on El Paso County and CBP agreeing on a "Technology Monitoring System" for the project
- El Paso County requested TTI to assist in the development of the procurement documents and to provide technology monitoring systems assistance after the award of the contract

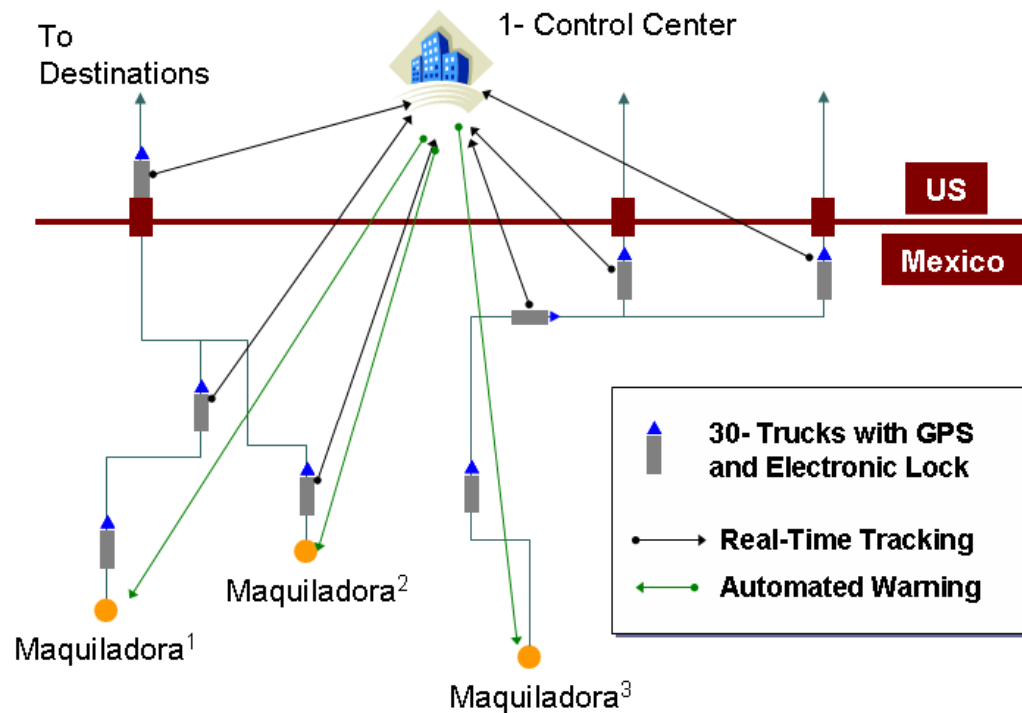
# Project Need

- Supply Chain Security
- Supply Chain Management
- Commercial Competitiveness

# Project Goals and Objectives

- Goal
  - Heighten security, promote economic development, and border trade efficiency through enhanced stakeholder collaboration (Secretary Janet Napolitano and Mexico's Finance Minister Agustin Carstens June, 2009 joint letter on goal to “secure legal travel and trade across the shared border“)
  
- Objectives
  - Introduce state-of-the-art technology to track and monitor commercial freight carriers
  - Expand CBP's visibility into the cross-border supply chain by extending monitoring of vehicles and cargo away from the border
  - Demonstrate the functioning of a “control center”

# Project Components

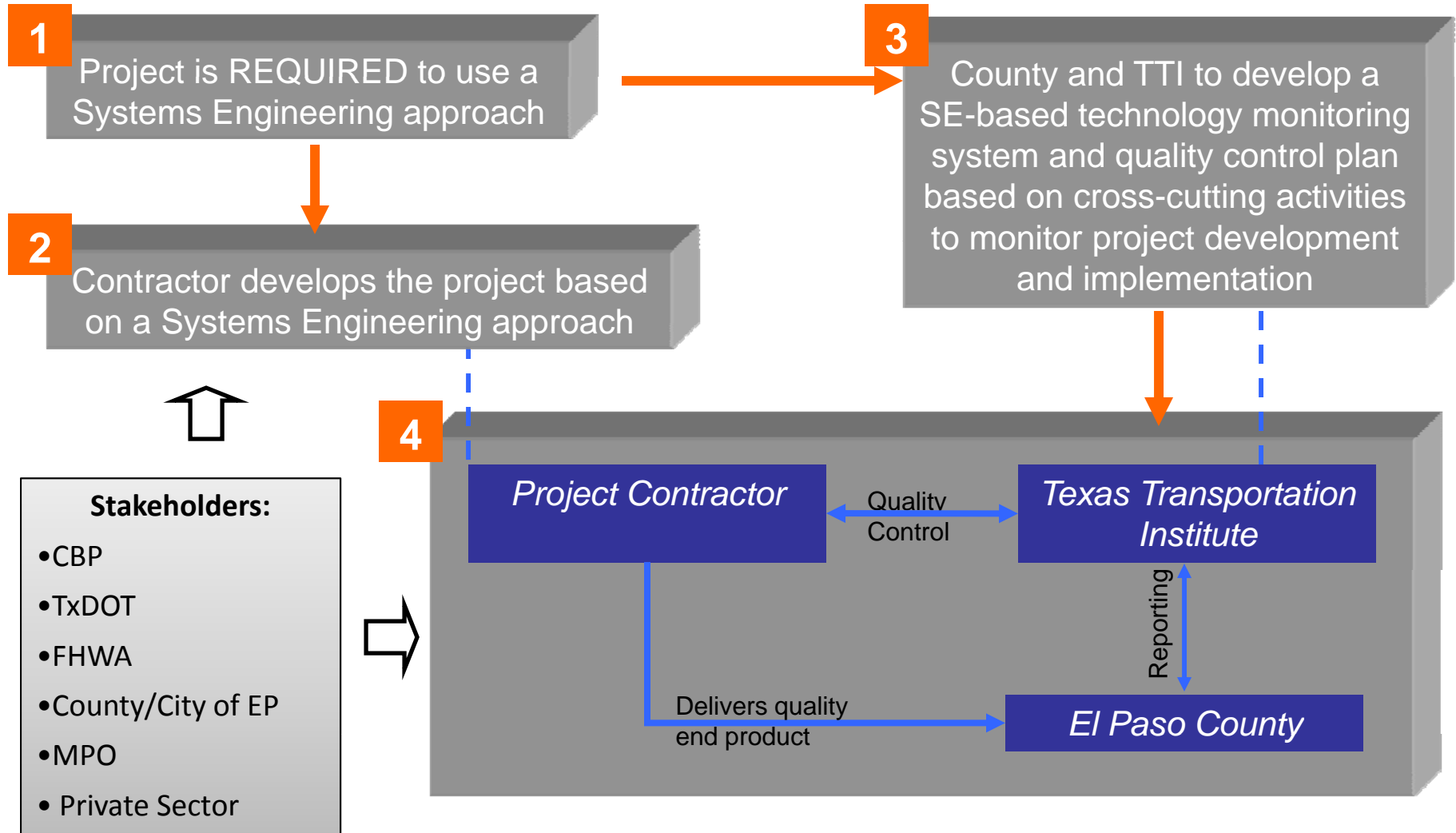


- Three designated “secure” maquiladora sites with surveillance devices and procedures for loading of goods
- 30 designated tractors and trailers with GPS-based electronic locking system – including HAZMAT
- One central control facility equipped with software and hardware technology to track and monitor trucks in real-time

# The SBT Project and CBI Funding

- The SBT Project is at its core an Intelligent Transportation Systems (ITS) project
- The Federal Highway Trust Fund uses the CBI program to distribute funds to improve the safe and efficient movement of goods and vehicles across the nation's land borders
- FHWA issued 23 CFR 940.11 requiring all ITS projects funded under the Highway Trust Fund to be based on a Systems Engineering Approach

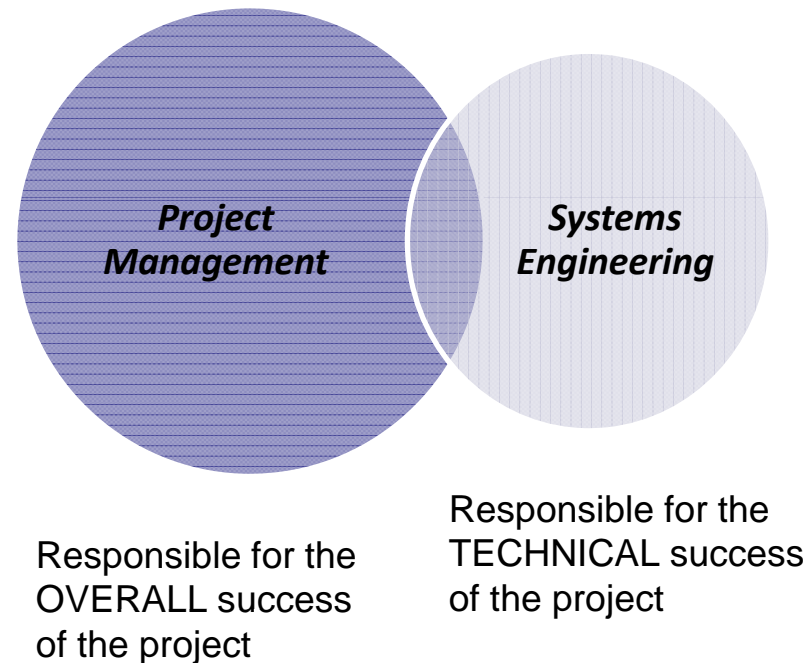
# Technology Monitoring System





# Systems Engineering Approach

- Series of systematic steps aimed at achieving a **quality end-product**
- Integrates all stakeholders from project development through implementation
- Considers both, the business and technical needs of all stakeholders with the goal of providing a quality product that meets all user needs

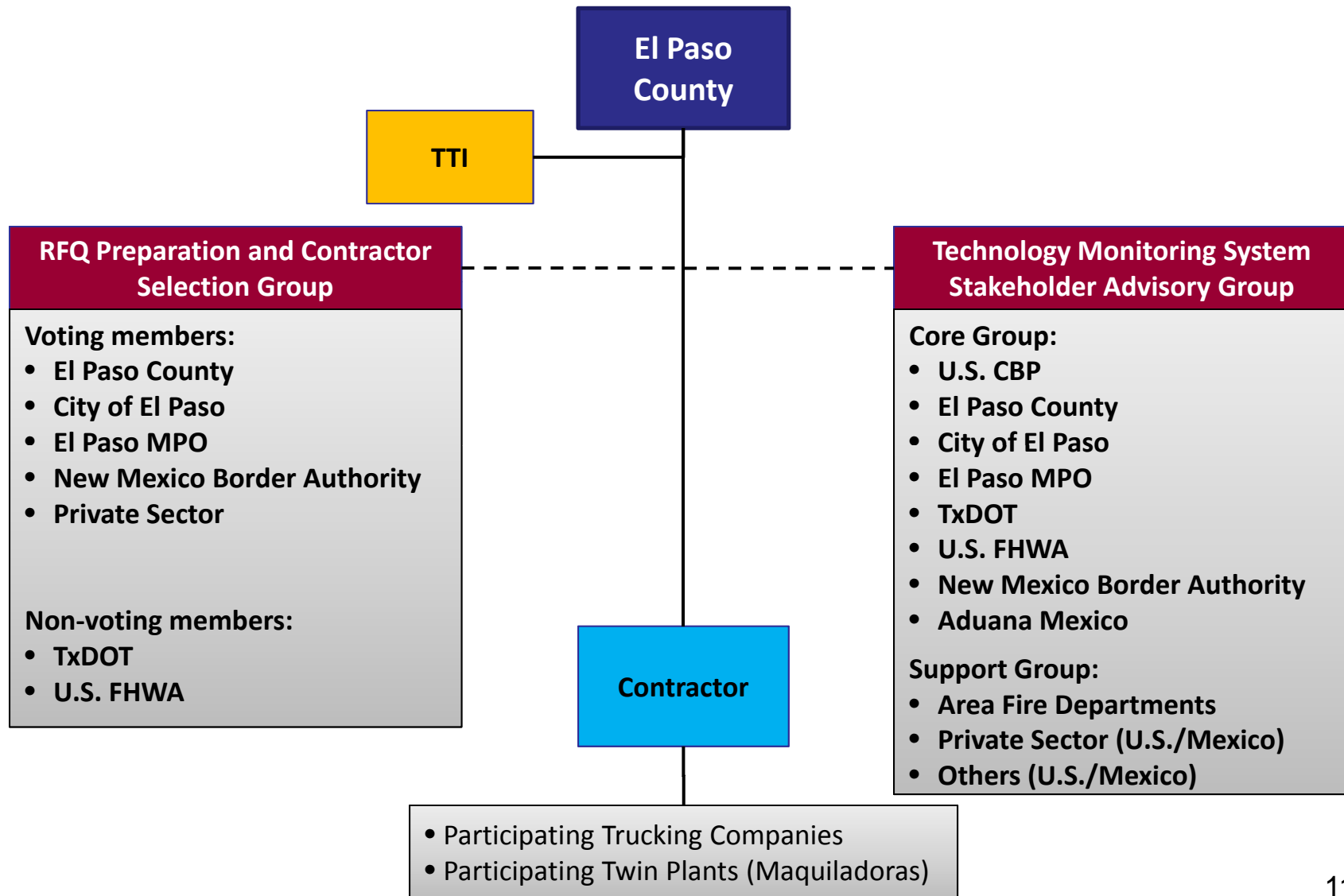


Source: *Systems Engineering for ITS: An Introduction for Transportation Professionals*, USDOT, 2007

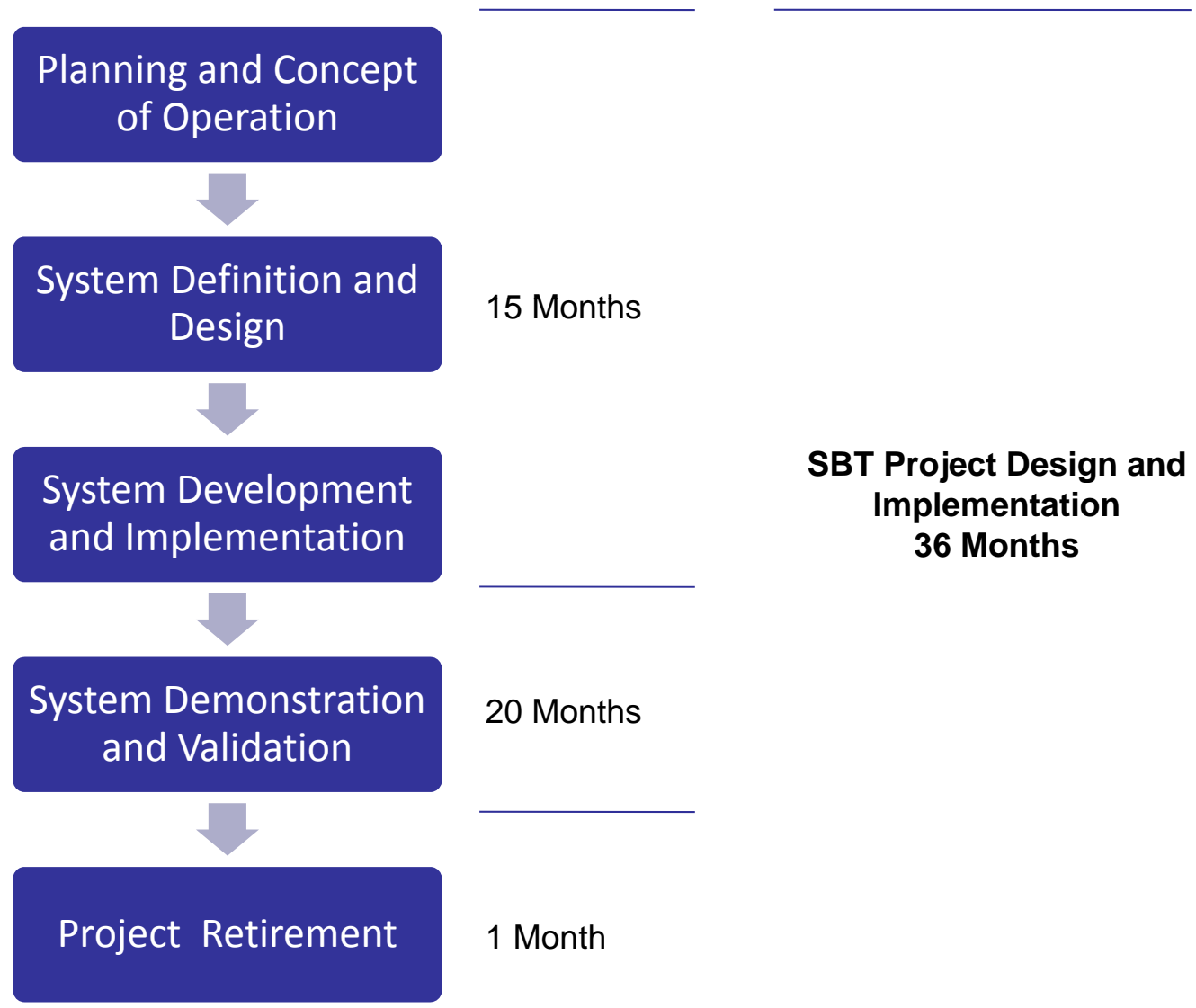
# A Technology Monitoring System for the SBT Project

- Systematically ensures that at every stage of project development and implementation:
  - Pre-defined quality standards for each and every step of the process are met
  - Business and technical needs of ALL stakeholders are integrated
  - Quality of end product is met
- US CBP is a key project stakeholder and its input is critical to the project's successful development and implementation

# Management Plan



# Project Schedule



# RFQ Process and Schedule

- RFQ Process Developed with FHWA
  - Follow Procedures and Formats Provided
  - Do Not Attempt to Contact TTI Staff
  - Contact Only County Purchasing Department
- April 6<sup>th</sup> Final Date for Questions
- May 4<sup>th</sup> RFQ Responses Due
- May 28<sup>th</sup> Request for Technical Specifications
- July 13<sup>th</sup> Technical and Cost Proposals
- Contract Award

# SBT Monitoring, Reporting, & Evaluation

- Demonstration of technical, business & organizational viability
- Joint development of monitoring protocols
- Periodic reports to stakeholders
- Final evaluation report