

Transportation Perspective of the Border

Eastern Border Transportation Coalition Meeting

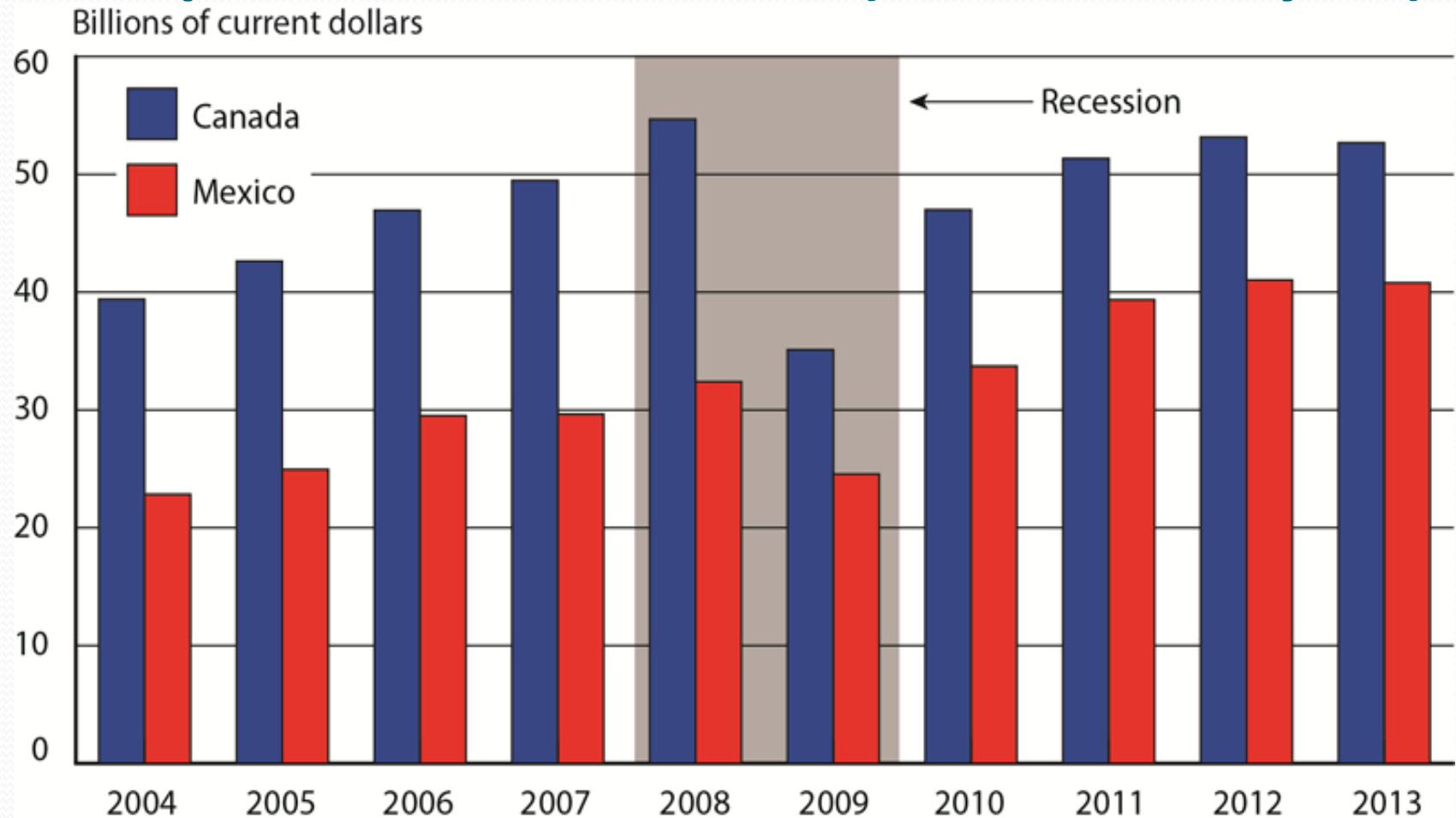
Sept. 17, 2013

Roger Petzold

Office of Planning

Federal Highway Administration

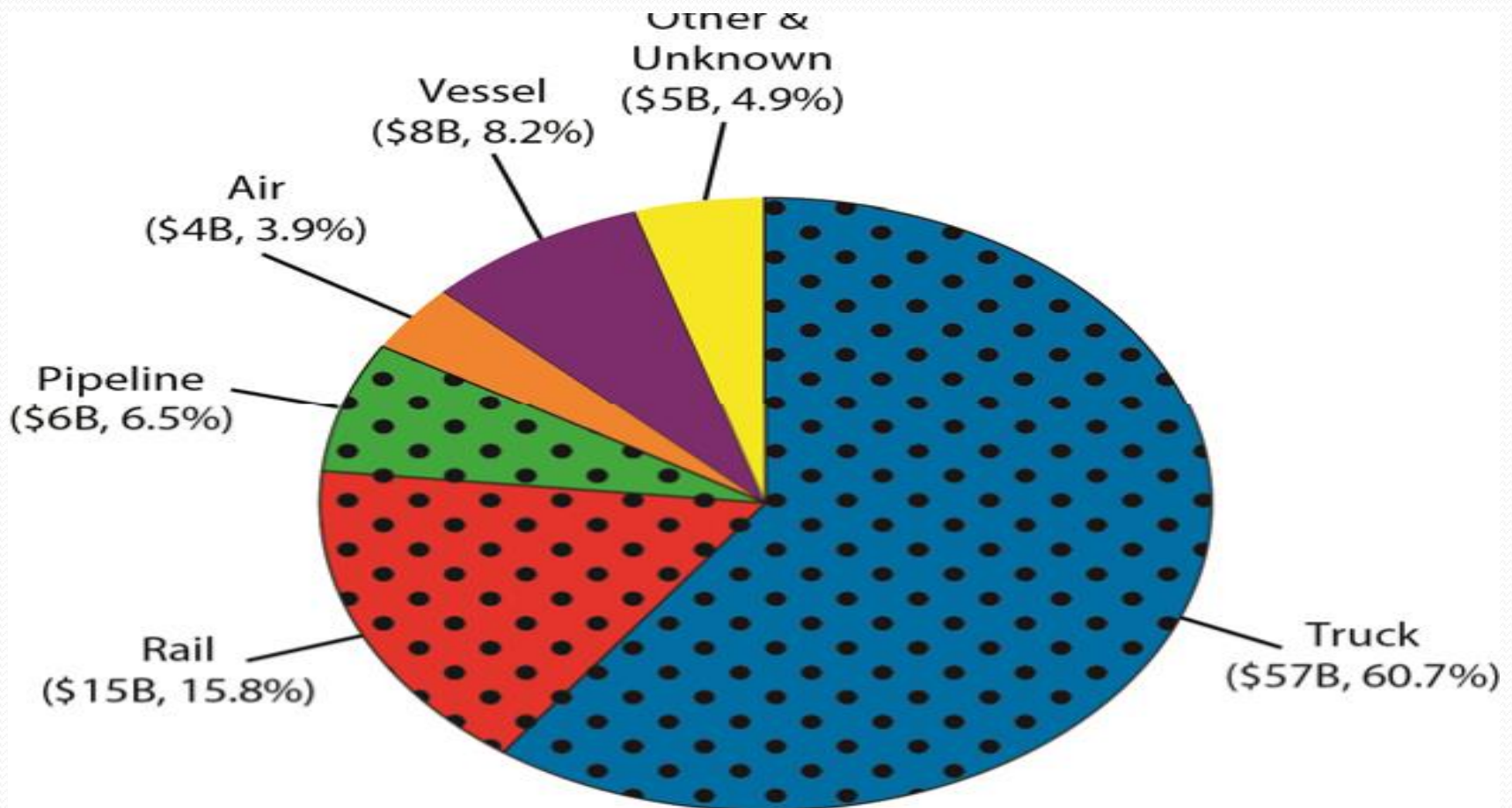
U.S.-NAFTA Freight Flows by All Modes of Transportation - 2004-2013 (June of each year)



SOURCE: Bureau of Transportation Statistics, [TransBorder Freight Data](#)

U.S.-NAFTA Freight by Mode, June 2013

Current dollars, Share of total



Improve the Transportation System between the US and Canada to Facilitate the Movement of People and Goods

● Highway

- Aging bridge infrastructure
- Need to modernize and add capacity to inspection facilities
- Need to facilitate the logistics supply chain
- Need to plan for the future growth
- Need to support NEXUS and Fast programs to pre-screen frequent crossers
- CBP Pilot on additional CBP staff

● Rail

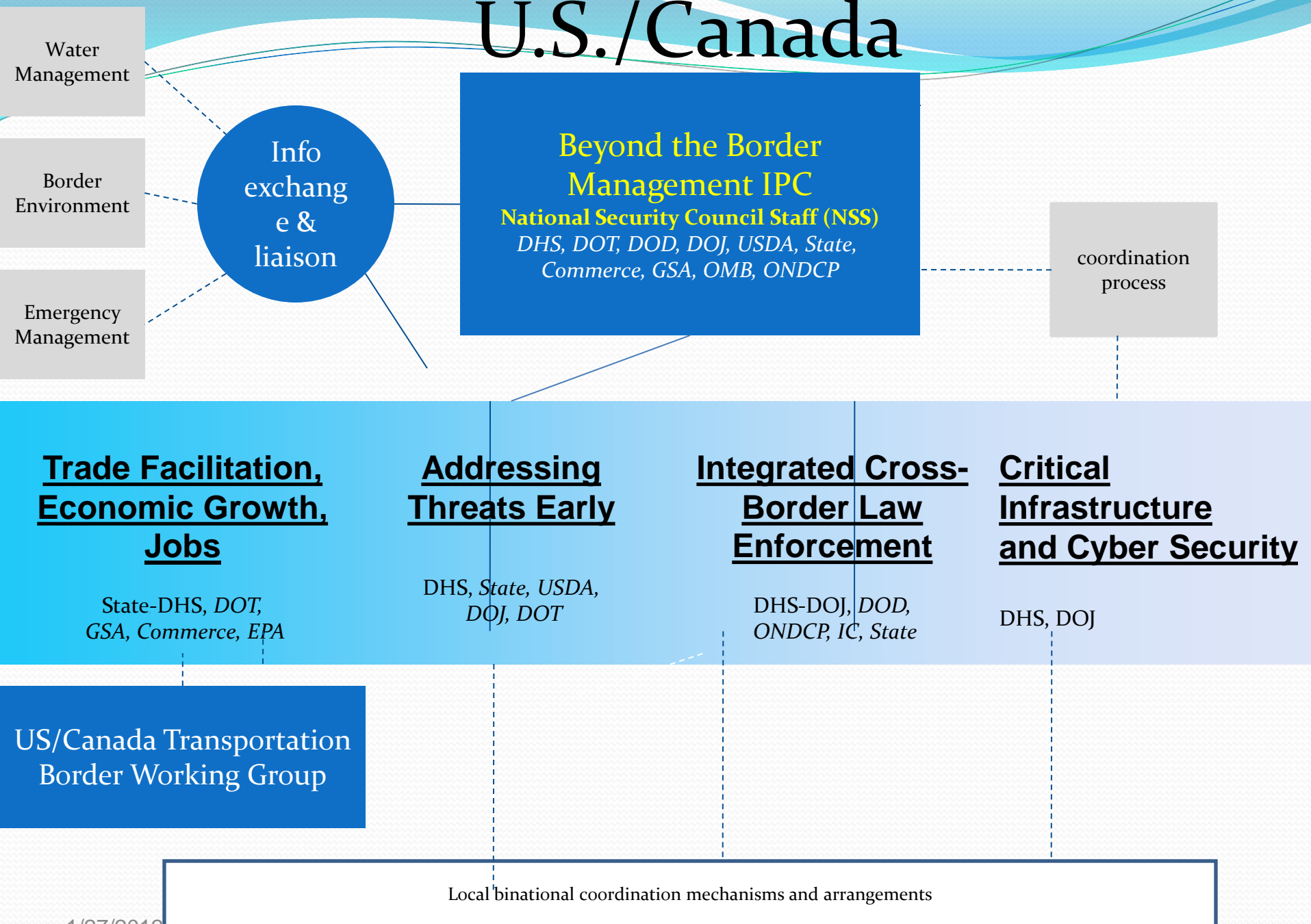
- Enhance Safety
- Reduce time to cross the border while enhancing security
- Support improved passenger rail service between US/Canada



Beyond the Border Action Plan A Shared Vision for Perimeter Security and Economic Competitiveness

- **Beyond the Border: A Shared Vision for Perimeter Security and Economic Competitiveness” (Feb. 4, 2011)**
- **•“Beyond the Border Action Plan” (Dec. 7, 2011)**
- **☐•“Beyond the Border Implementation Report”**
 - (Issued Dec. 14, 2012)

U.S./Canada



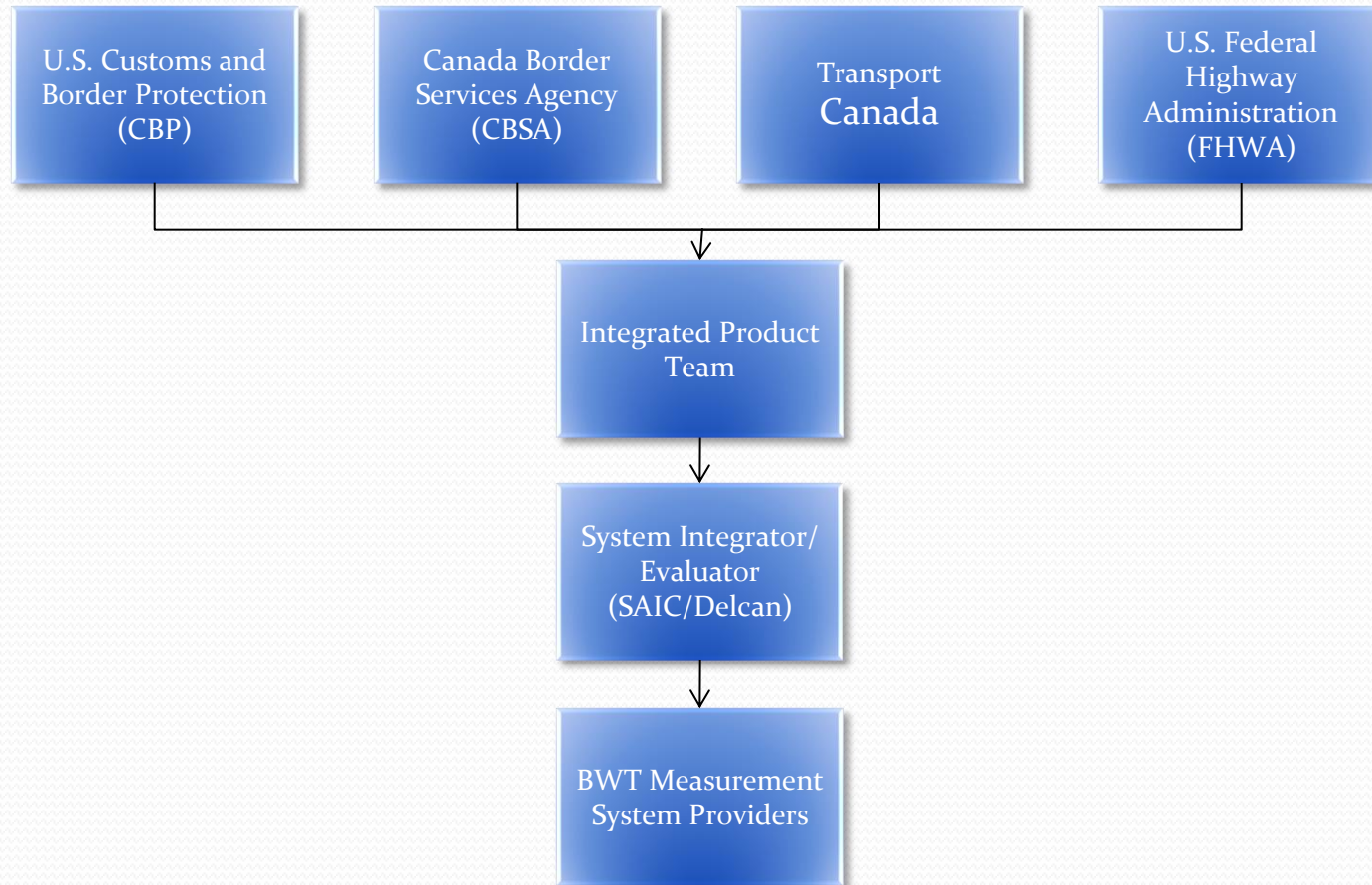
Border Infrastructure Investment Plan (BIIP-1)

- BIIP 1 – Covered 7 Initial Priority Border Crossing
- Lacolle, Quebec – Champlain, New York;
- Lansdowne, Ontario – Alexandria Bay, New York (Thousand Islands Bridge);
- Queenston, Ontario – Lewiston, New York (Queenston – Lewiston Bridge)
- Fort Erie, Ontario – Buffalo, New York (Peace Bridge);
- Sarnia, Ontario – Port Huron, Michigan (Blue Water Bridge)
- Emerson, Manitoba – Pembina, North Dakota; and
- North Portal, Saskatchewan – Portal, North Dakota

Border Infrastructure Investment Plan (BIIP-2)

- Expand to include all Border Crossings (121)
 - Identify Top 25 Border Crossings
 - Top 20 Commercial
 - Top 15 POV
 - 34 Medium Ports
 - 62 Small and Remote ports
- Identify future Infrastructure Investments – 5 Years
- Improve Coordination of Infrastructure Investment planning

Border Wait Time (BWT) Project Organization



Pilot Locations

Real Time Border Wait time

- Peace Arch
 - Pacific Highway
 - Sumas
 - Linden
 - Peace Bridge
 - Queenston-Lewiston Bridge
 - Whirlpool Bridge
- Note: Pilots end Sept. 30, 2013

Major Activity Areas

Major Activity Areas



Vendor Tasks:

- Project Site Visit
- Project Scope, Staffing, Schedule, Funding Plan
- Project Related Personnel Clearances
- Project Related Environmental Clearances

Vendor Tasks:

- Preliminary Design Review
- Final Design Review
- Installation Permits

Vendor Tasks:

- Field Equipment Deployment
- Software Deployment
- System Integration
- System Testing

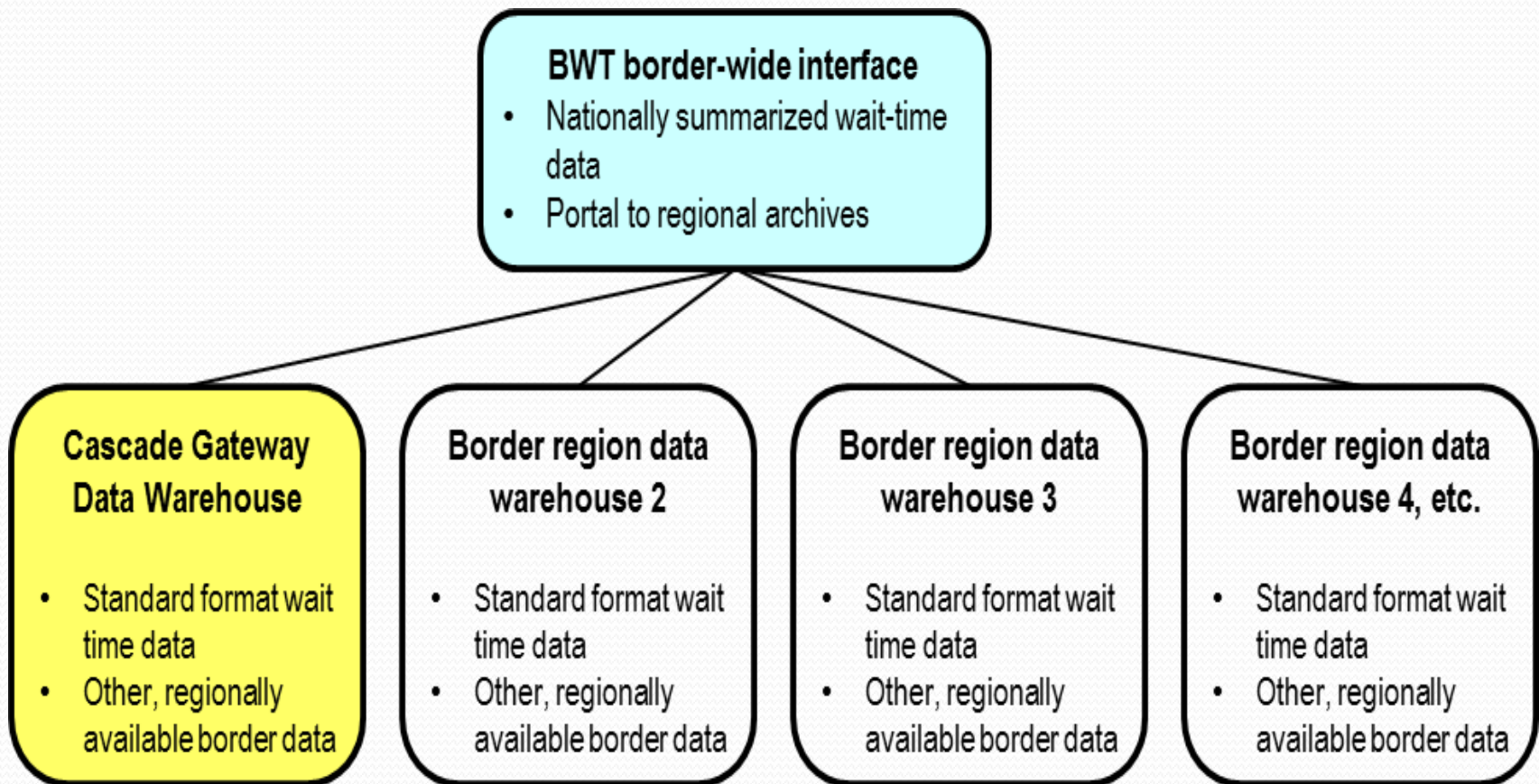
Vendor Tasks:

- Input to Test Plan
- Data Collection Support
- Reporting of System Information

Vendor Tasks:

- Field Equipment Retrieval
- Return of Existing Equipment to Prior State

Data Warehouse



Implementation Plan

Border Wait Time

- 20 (13) Highest POV Crossing
- Developed Detail Implementation Plan and Cost estimate for each location
- Developed Overall Implementation Plan
- Completed Sept. 30, 2013
- Next Step – Add Additional Locations

FHWA National Gateway and Corridor Concepts

- Documentation of gateway and corridor flows, trading partners, and global trade trends;
- Review of national infrastructure plans in other countries; (Canada, Mexico, Brazil, China, European Union, India)
- Examination of the role of gateways and corridors in key U.S. supply chains; and
- Compilation of private freight and shipper industry input on future national freight flows and infrastructure needs.

Major Freight Corridors in the U.S., Canada, and Mexico



MAP-21

MOVING AHEAD FOR PROGRESS IN THE 21st CENTURY

Transforming the way we build, maintain, and manage our Nation's highways

Legislation | Funding Tables



Creates Jobs | Simplifies Programs | Supports Safety | Promotes Innovation | Strengthens Systems | Performance-Based

Overview

MAP-21 themes

- Strengthens America's highway and public transportation systems
- Creates jobs and supports economic growth
- Supports the Department's aggressive safety agenda
- Simplifies and focuses the Federal program
- Accelerates project delivery and promotes innovation
- Establishes a performance-based Federal program

Funding Provisions

Coordinated Border Infrastructure (CBI) Program

- Program continues under STP
- All eligibilities continue with 100 miles of the Border
- No dedicated funds under MAP-21 - STP
- FY2005 to FY2012 CBI funds still available (\$1.5 Billion)

Two years of Funding at Current Levels

- Program authorized through FY 2014
 - SAFETEA-LU provisions extended through end of FY 2012
 - Most new provisions went into effect on October 1st
- Average annual funding at FY 2012 levels (plus minor inflation)
- Extends Highway Trust Fund taxes and ensures 2 years of solvency for Highway Trust Fund



Questions



U.S./Canada Transportation Border Working Group (TBWG)

- The Mission: Facilitate the safe, secure, efficient, and environmentally responsible movement of people and goods across the Canada-U.S. border.
- TBWG brings together multiple transportation and border agencies, and other organizations, to coordinate transportation planning, policy implementation, and the deployment of technology to enhance border infrastructure and operations.
- Fosters on-going communication, information sharing, and the exchange of best practices to improve the transportation and the safety and security systems that connect our two countries.