

Cross-Border Transportation

An aerial photograph of the Tijuana border area. A prominent yellow line runs diagonally across the image, representing the international border between the United States and Mexico. The city of Tijuana is visible on the right side of the border, with a red dot marking a specific location. The text 'Tijuana' is written in a grey font near this dot. The background shows a dense urban landscape with buildings, roads, and some green spaces.

Monterrey, Mexico
May 8th & 9th, 2006

Pedro Orso-Delgado, Director
Caltrans District 11

Outline

- California/Baja California Border Region
- Border Reality
- Trade Statistics
- Institutional Partnerships
- Planning For Development
- Challenges



Caltrans Districts In Southern California



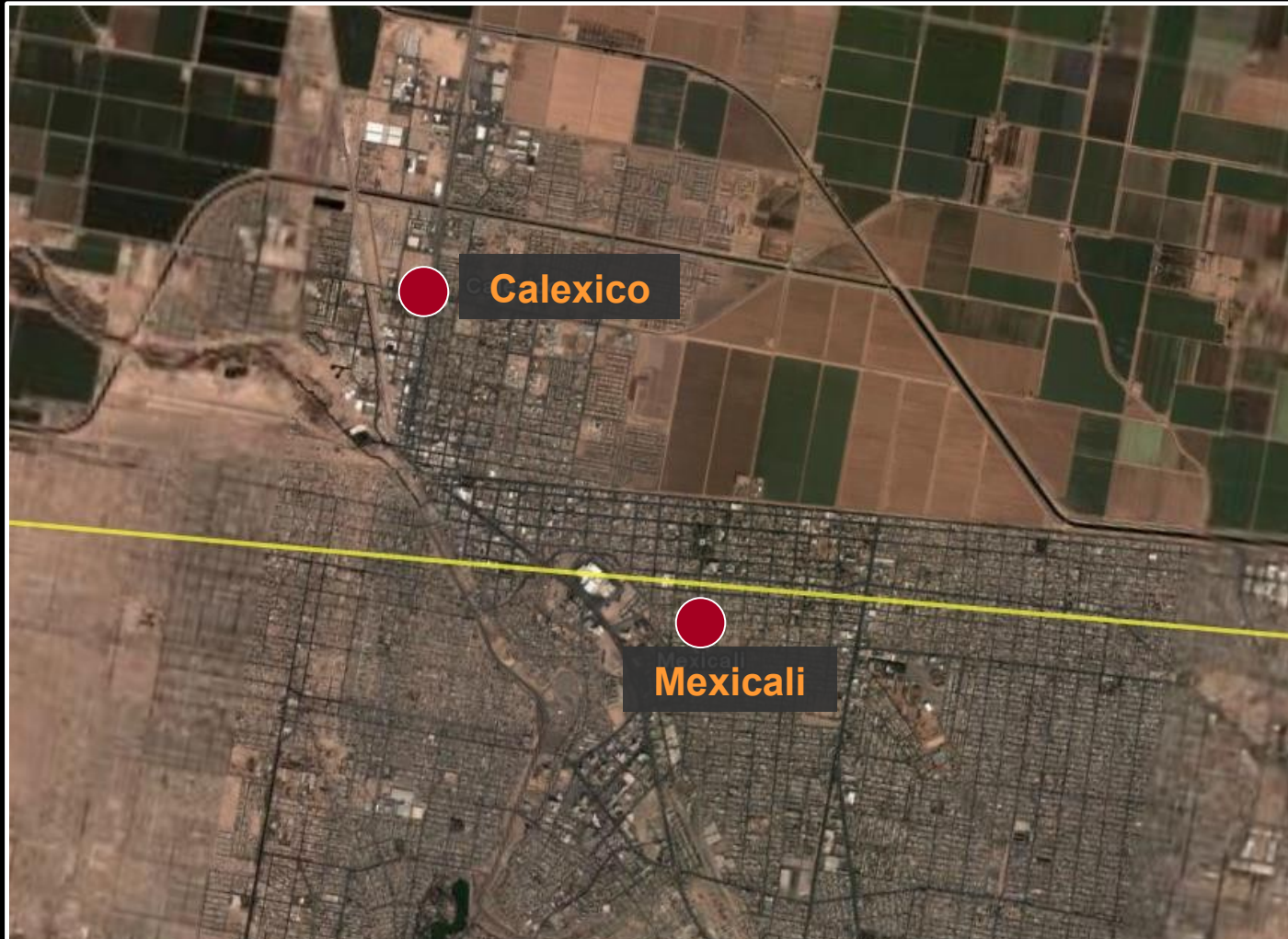
California/Baja Border Region



San Diego/Tijuana



Calexico/Mexicali



Border Reality

Cross-Border Commuting

Calexico West Port of Entry

Fiscal Year 2005

Daily Trucks	0
Daily Passenger Vehicles	16,994
Daily Person Arrivals Via Passenger Vehicles	32,152
Daily Pedestrian Crossings	12,628

Calexico East Port of Entry

Fiscal Year 2005

Daily Trucks	1,152
Daily Passenger Vehicles	8,649
Daily Person Arrivals Via Passenger Vehicles	16,662
Daily Pedestrian Crossings	4

San Ysidro Port of Entry

Fiscal Year 2005

Daily Trucks	0
Daily Passenger Vehicles	46,471
Daily Person Arrivals Via Passenger Vehicles	86,769
Daily Pedestrian Crossings	24,036

Cross-Border Commuting

- Security
 - Post 9/11
 - 5/01 Immigration Demonstrations
- U.S. Visit
 - Entry/Exit records for visa holders
 - Potential vehicular lines exiting U.S.
 - Highway Safety concerns
- Pre-Clearance Programs
 - Sentri for People
 - FAST for commercial Vehicles
- Remote-Inland Inspection Processes
 - Unavailable at Southwest border



Regional Population Growth

Existing -

5 Million

2030 Projection -

9 Million

San Ysidro Border Crossing



Lost Economic Benefits

San Diego-Baja California

Personal Travel and Freight Movements

\$4.2 Billion in Lost Output =

**3 1/2 San Diego
Convention
Centers**



42,200 Lost Jobs =

**8-9 Qualcomm
Companies**



Lost Economic Benefits

United States and Mexico

Personal Travel and Freight Movements

\$6.0 Billion in Lost Output = Southwest Airlines



**Port of
San Diego**



51,300 Lost Jobs =

**Nearly 2 Boeing
Companies
in California**

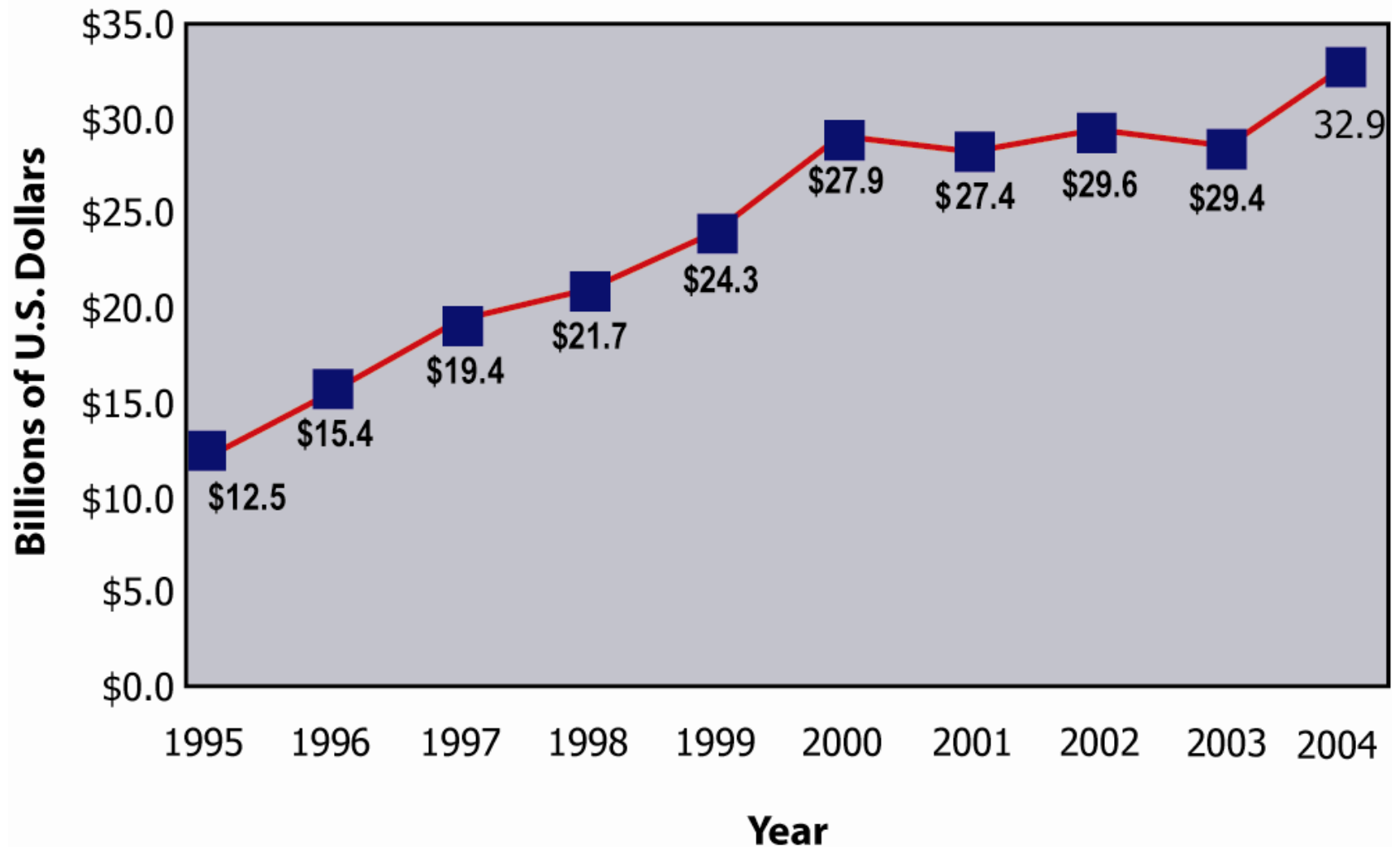


Trade Statistics

Otay Mesa Crossing

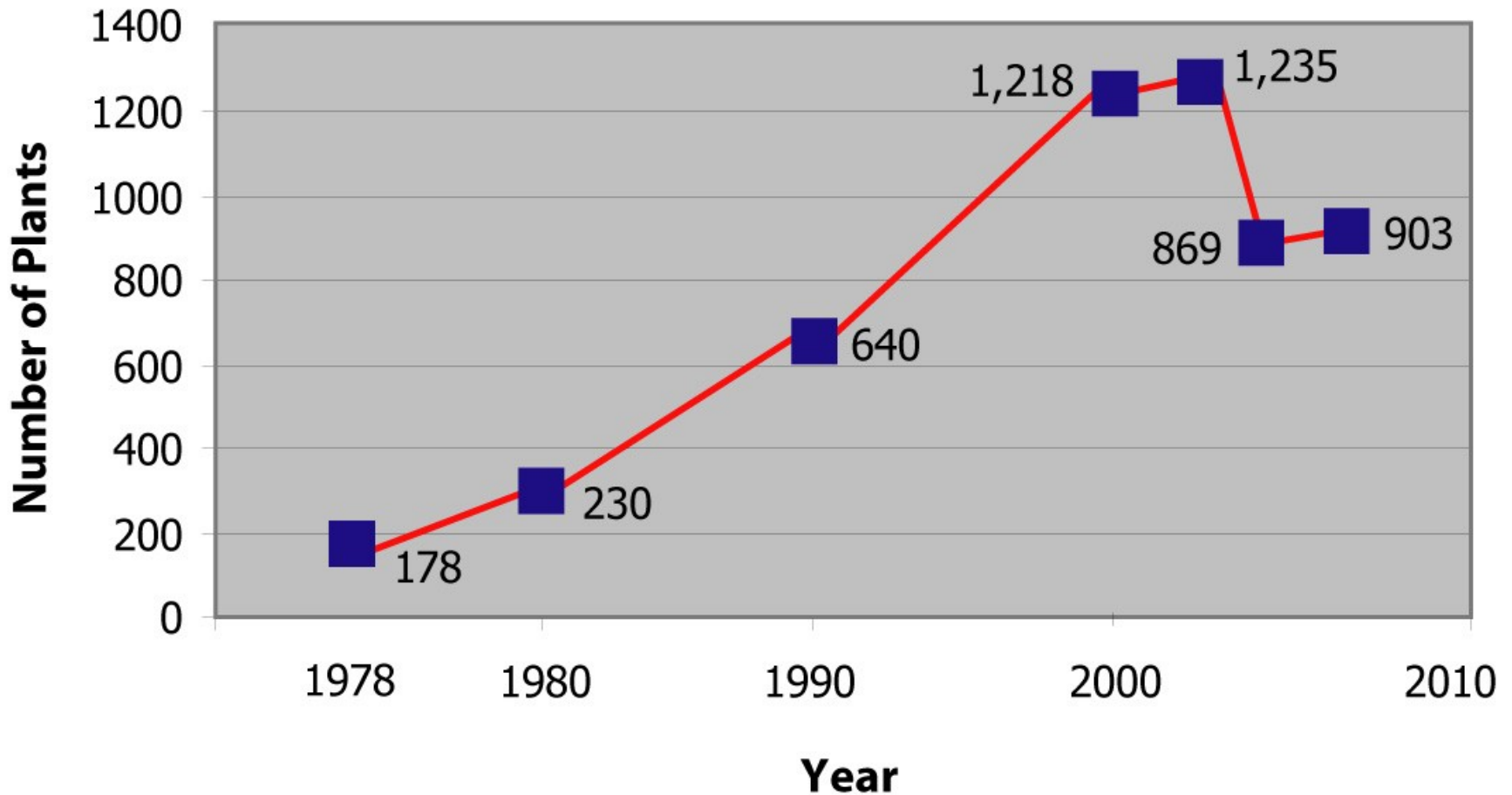


California Trade with Mexico by Truck

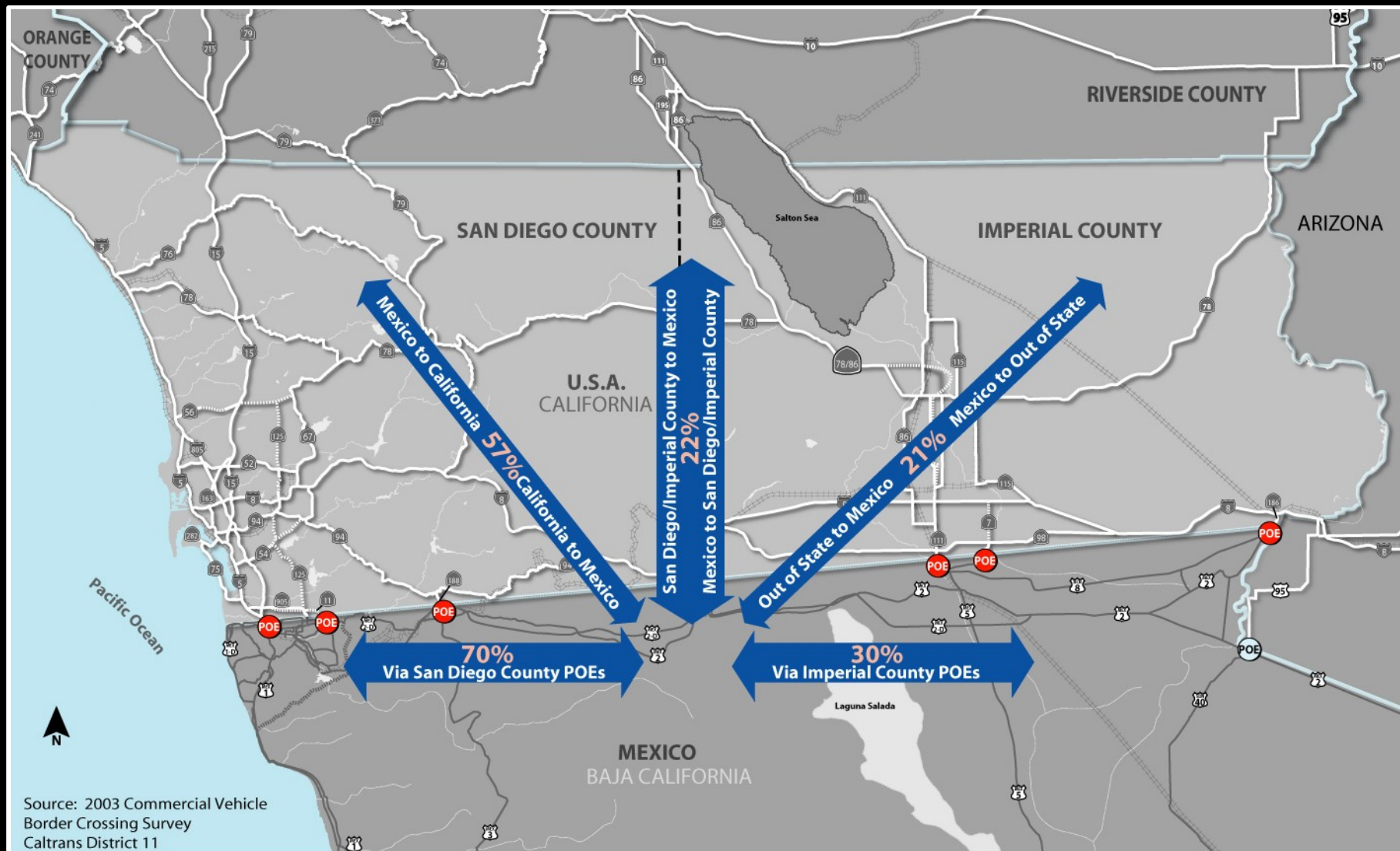


Interconnected Economic Development

Maquiladora Growth



California/Mexico Distribution of Trucks



Institutional Partnerships

U.S. Partners

Federal

**USDOS, DHS, CBP,
GSA, FHWA**



State

CALTRANS



Local

**SANDAG, SCAG, IVAG
County of San Diego
County of Imperial
City of San Diego
City of Calexico**



Mexican Partners

Federal

**SRE, SCT, INDAABIN,
ADUANA**



INDAABIN

State

SIDUE



Local

**IMPLAN, IMIP
Municipality of Tijuana
Municipality of Tecate
Municipality of Mexicali**



Coordinating Mechanisms

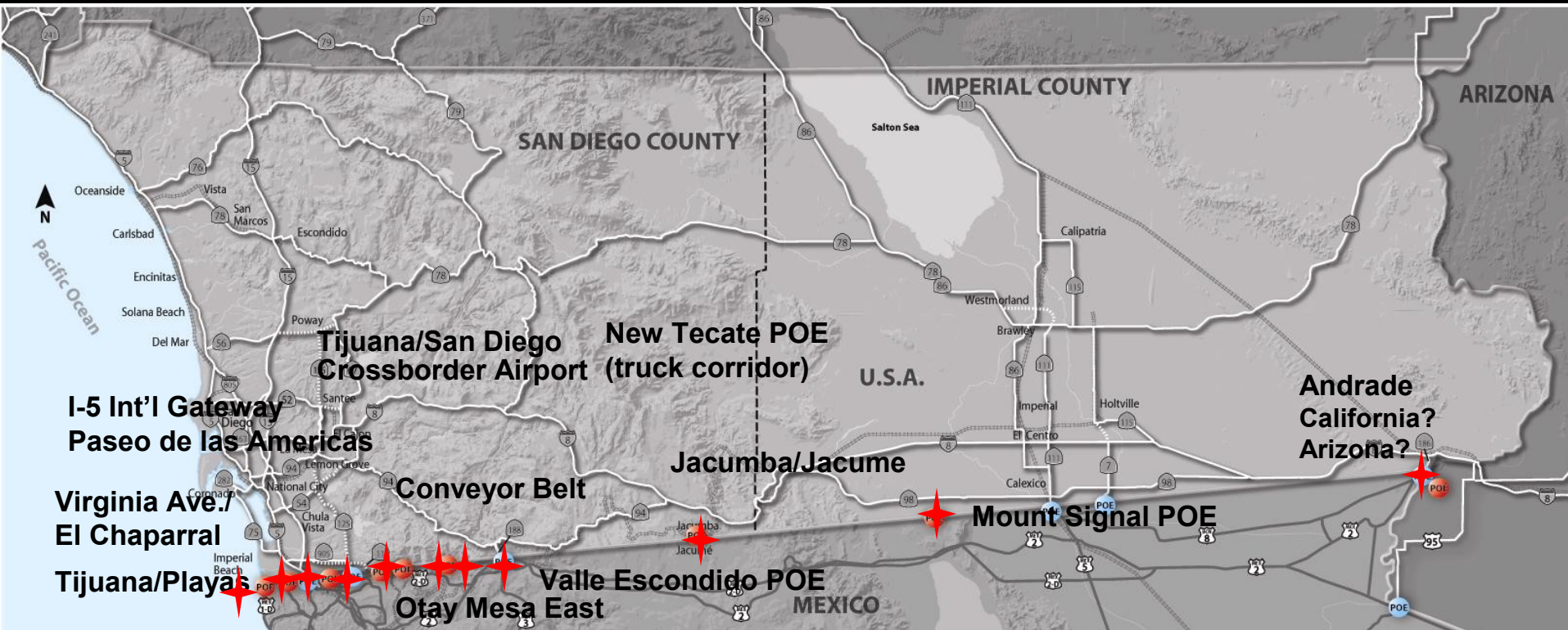
- Joint Working Committee (JWC)
- Borders Governor's Conference (BGC)
- U.S.-Mexico Border Crossings and Bridges Group
- CA-BC Bi-State Transportation Technical Advisory Committee (BTAC)
- SANDAG's Committee on Binational Regional Opportunities (COBRO)

Planning For Development

Planning Tools

- U.S./Mexican Traditional Planning
- Border Master Planning Process
- Infrastructure & Traffic Operations Bottlenecks
- Geographic Information Systems (GIS)
- Transportation Modeling

Ports of Entry Proposals



Highway Projects



PROJECT DESCRIPTION

PROJECT COST

PROGRAMMED FUNDING

SHORTFALL

PROJECT DESCRIPTION

PROJECT COST

PROGRAMMED FUNDING

SHORTFALL

Imperial County Projects

9	* SR-78/111 "Brawley Bypass" Stage 2 Construction Underway - Final Completion 2010	\$118.0	\$90.0	\$28.0
10	* I-8/Imperial Avenue Environmental Studies Underway	\$39.2	\$4.9	\$34.3
11	* SR-98 (West Project) Environmental Studies Underway	\$11.0	\$2.0	\$9.0
12	* SR-98 (East Project) Environmental Studies Underway	\$40.0-\$60.0	\$12.5	\$27.5 - \$47.5
13	SR-111	Completed		\$0.0
14	SR-7 (SR-98 to I-8)	Completed		\$0.0
15	* SR-115 (I-8 to Evan Hewes Highway) Environmental Studies Underway	\$56.0 - \$76.0	\$0.0	\$56.0 - \$76.0
16	Winterhaven CVEF Scoping Document Underway	\$40.0	\$1.8	\$38.2
Total Imperial County		\$304.2 - \$344.2	\$111.2	\$193.0 - \$233.0
* Final Completion is Pending Future Availability of Funds				

SOURCE: State of Baja California
Secretariat of Infrastructure
and Urban Development (SIDUE)

PROJECTS

7
Ensenada Bypass
(Ensenada)

\$38 Million
Under Construction

ARIZONA

14
Special Road
Improvements
Tijuana
Ensenada
Tijuana-Tecate

\$11.4 Million



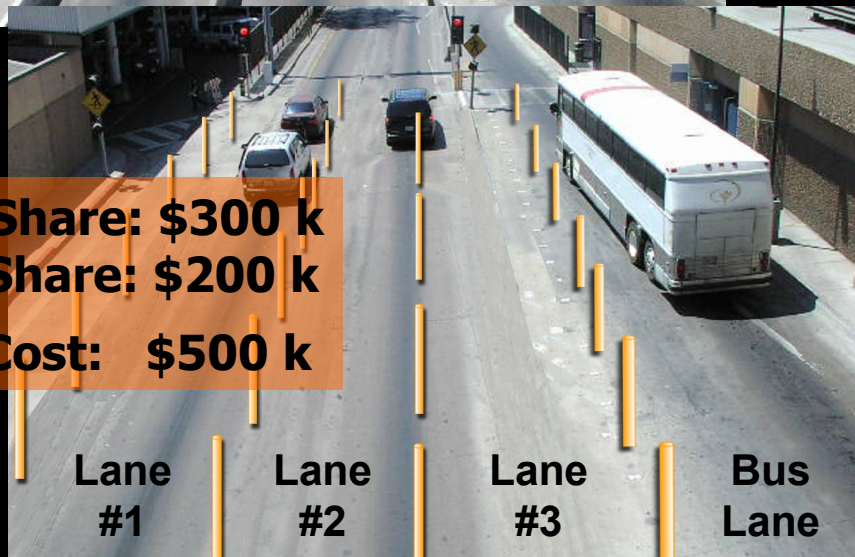
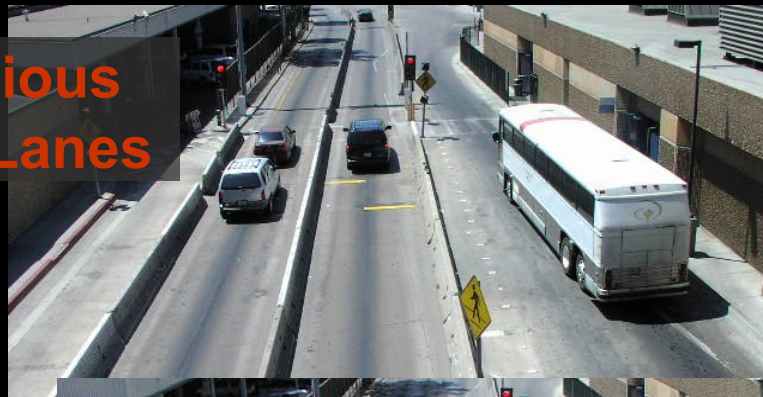
Projects Inside POEs

Local Low Cost Initiatives

SENTRI Lane

at San Ysidro POE

Previous
Exit Lanes



Caltrans Share: \$300 k
CBP Share: \$200 k
Total Cost: \$500 k

FAST Lane



HOV Lanes

Adjacent to POEs

Otay Mesa Southbound Truck Route

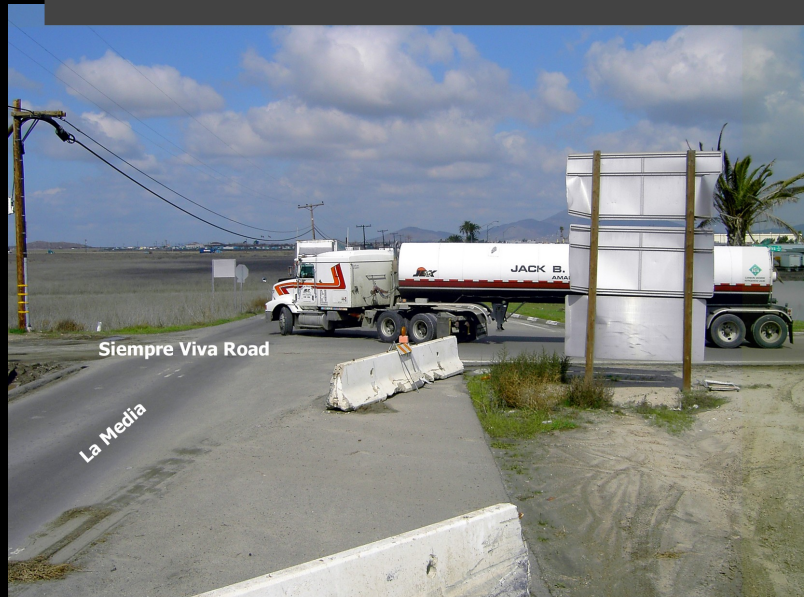
The Project:

The planned project would construct a new dedicated roadway for southbound unladen trucks.

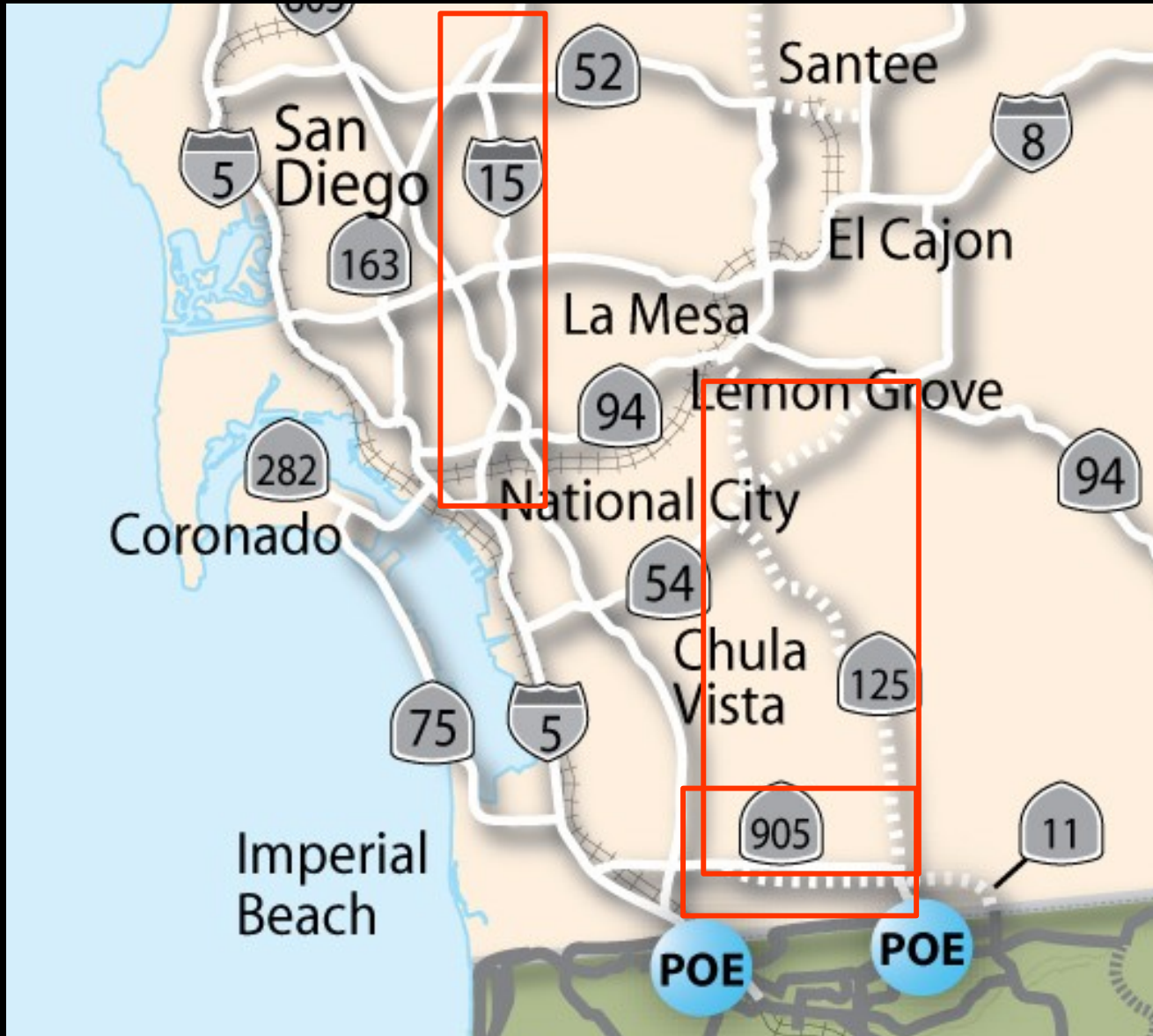
Benefits from this project include alleviating impacts on local traffic and commercial businesses.

Cost & Schedule:

Southbound truck project is estimated at \$16.9 million with a shortfall of \$15.2 million.

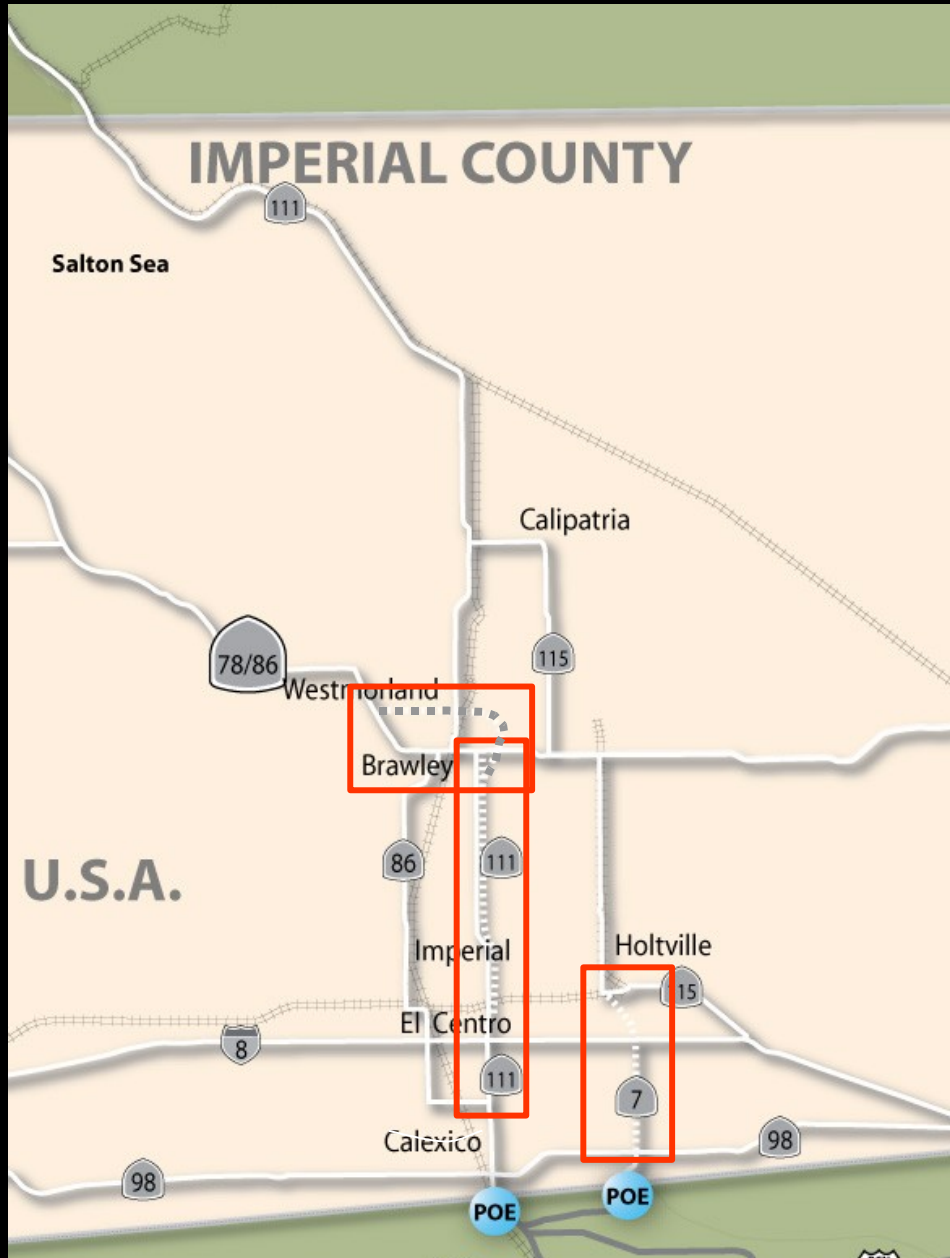


Projects



SR-905
SR-125
I-15

Projects



SR-7

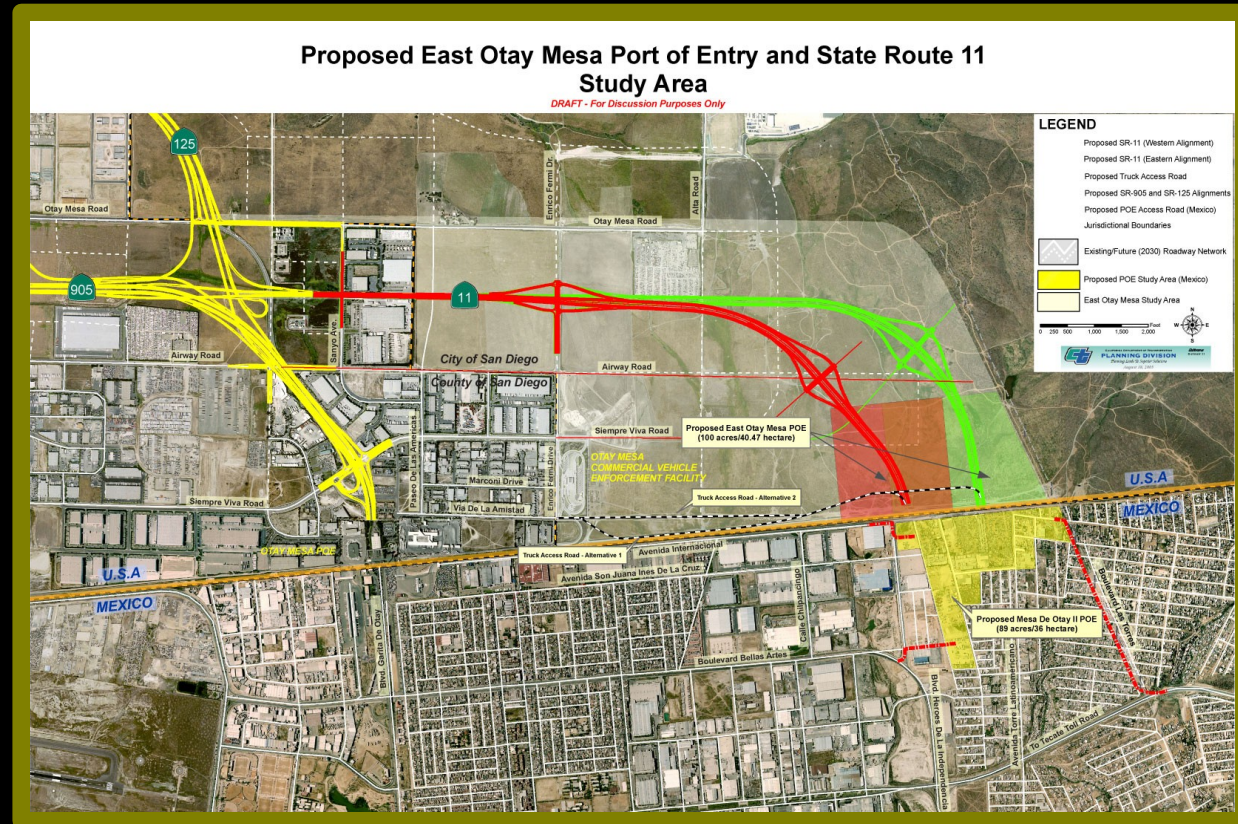
SR-111

Brawley Bypass

New Binational Project at Otay Mesa East/Mesa de Otay II

The Project

- SR-11
- US POE
- Mexican POE
- Connector from POE to Tijuana-Tecate Toll Road



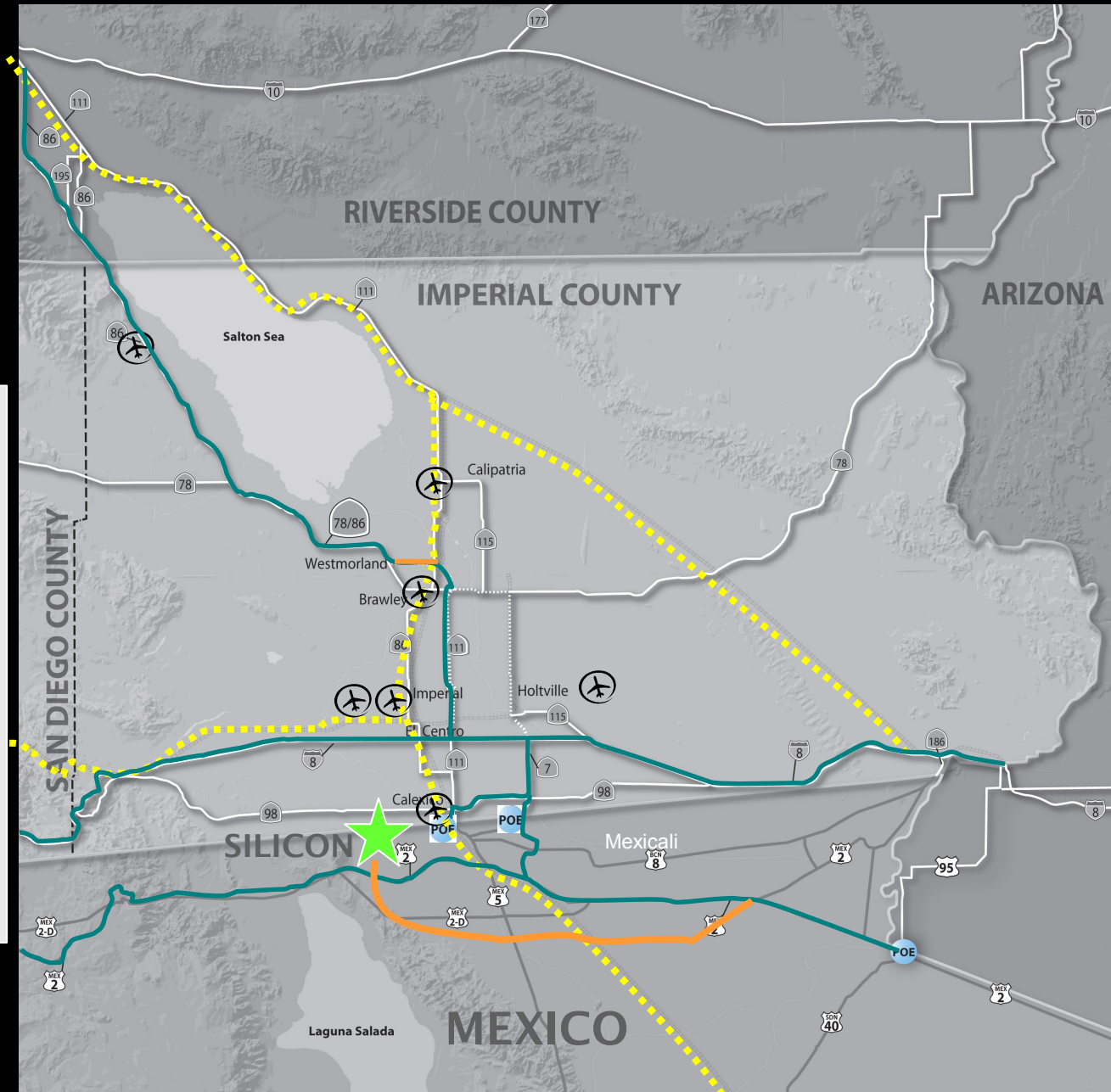
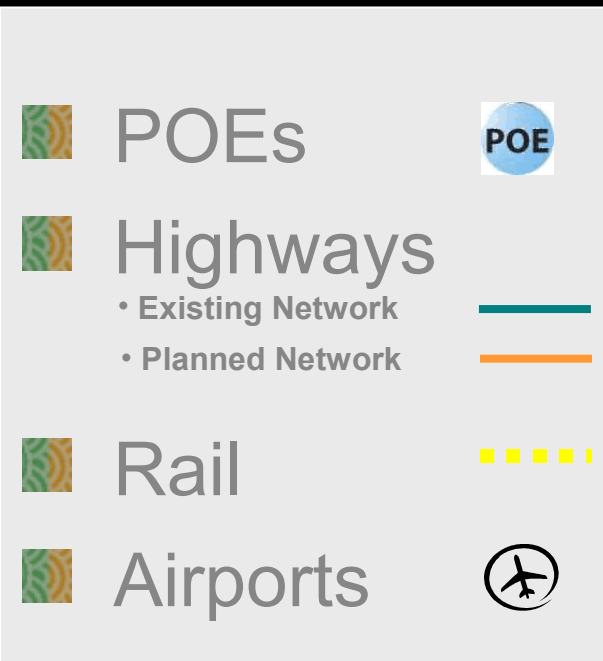
Potential Cost: \$338-557 million

Available: \$ 8 million

Needed: \$330-549 million

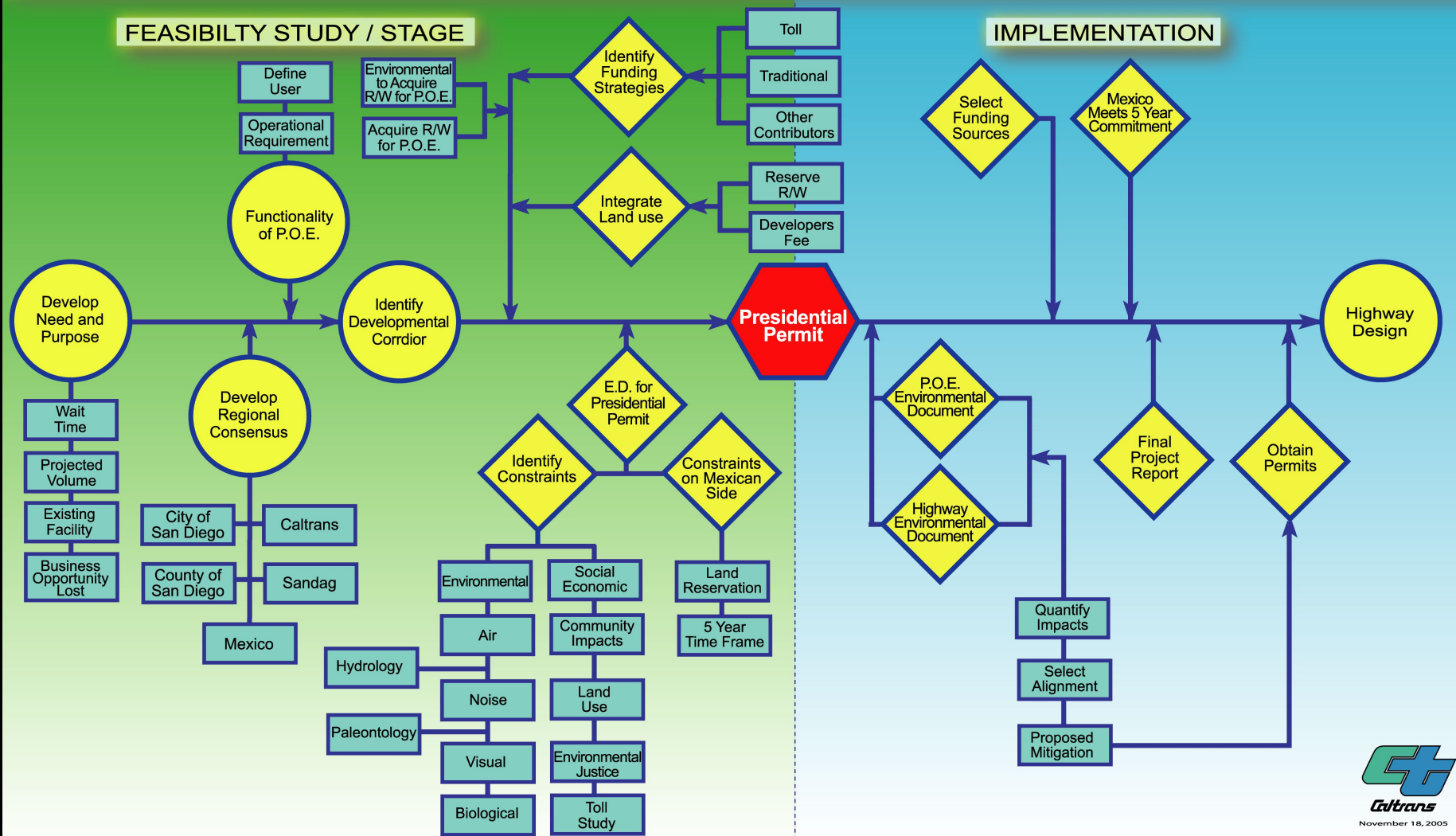
Calexico/Mexicali New Proposed Crossing

Existing & Planned Transportation Infrastructure



New Otay Mesa East/ New Silicon POE Challenges

PROCESS FOR NEW P.O.E.



Challenges/Funding

Sources

Traditional

- STIP
- Sales Tax
- Local

New

- SAFETEA-LU
 - Corridor Border
 - Infrastructure Program
 - Funding
 - California Share \$106m
- Innovative Financing

Challenges/Binational Coordination

- Institutional and Political Processes
- Multiplicity of Involved Governmental Agencies
- Different Political/Financial Horizon Years

Overall Objective

How Can Transportation Support Efficient
Cross-Border Movements of Goods
Without Sacrificing Security?

New Vision for the Border

- New Border Vision
- Seamless Border (European Example)
- Secure Manufacturing
- Secured Points of Origin/Transport Corridors

