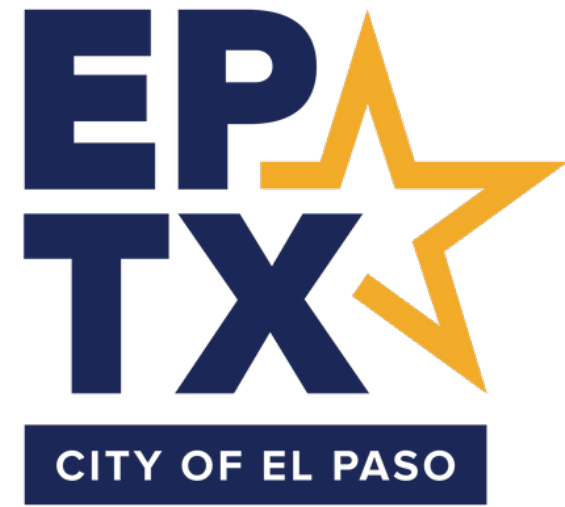


# **El Paso Downtown International Ports Design and Regional Integration Project**

## **FY24 SMART GRANT APPLICATION**





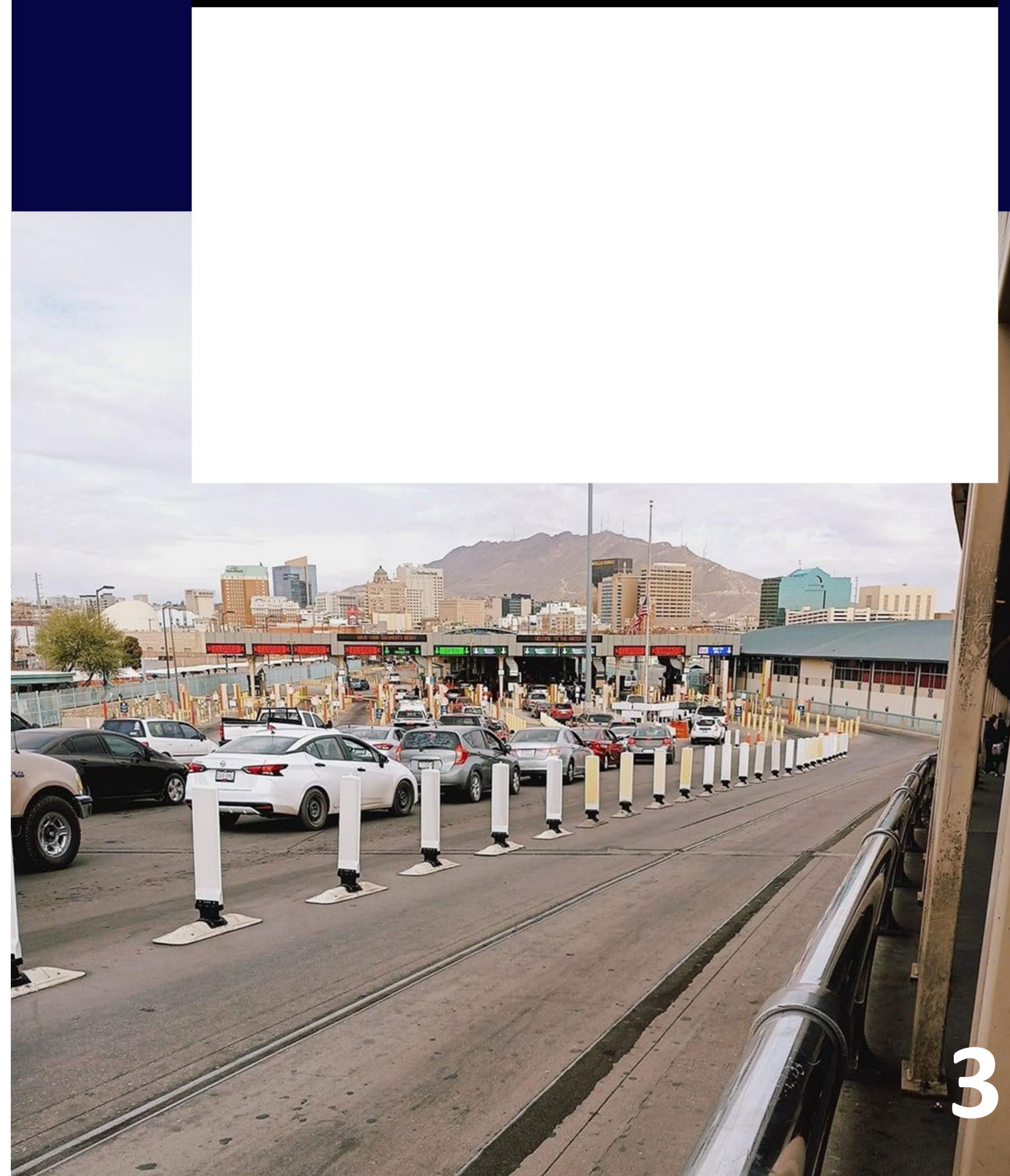
# STRATEGIC PLAN

*Goal 7:* Enhance and sustain  
El Paso's infrastructure network



# Overview

- **FY24 SMART Grant Description**
- **Project Scope of work**
- **Project Budget**
- **City Impacts**
- **Grant Timeline**
- **Council action**





# SMART

## Strengthening Mobility and Revolutionizing Transportation (SMART)

The Bipartisan Infrastructure Law (BIL) established the **SMART Grants Program with \$500,000,000**, including \$100,000,000 for FY 2024.

### Stage 1 Planning and Prototyping:

- \$50,000,000 for Stage 1
- 30 Stage 1 grants of up to \$2,000,000 per award

### Stage 2 Implementation:

- Only recipients of Stage 1 grants are eligible to apply for Stage 2
- Up to \$15,000,000 for implementation



# SMART

## Eligible Projects



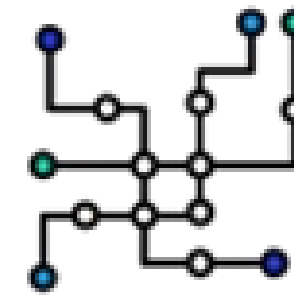
CONNECTED VEHICLES



DELIVERY/ LOGISTICS



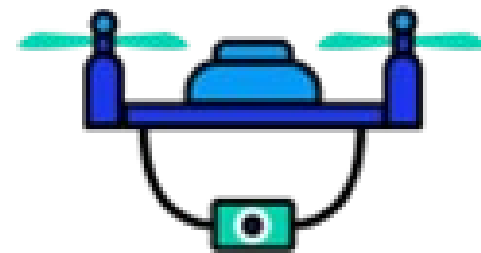
SENSORS



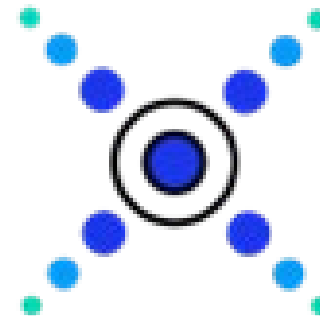
SYSTEMS INTEGRATION



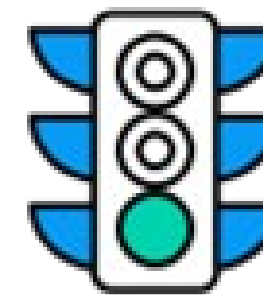
COORDINATED AUTOMATION



INNOVATIVE AVIATION



SMART GRID



TRAFFIC SIGNALS

# Project Scope of Work

## The Project includes two tasks:

1. Design new Intelligent Transportation Systems (ITS) for PDN and Stanton Ports
2. Design integration of Ysleta and BOTA Ports ITS

## Project Partners:



- El Paso MPO (approved 6/21/24)
- TxDOT (Letter of Support requested)
- UTEP (Letter of Participation requested)



# Intelligent Transportation Systems


## Cameras + Sensors + Signaling + Comms

TRANSPORTATION SYSTEMS MANAGEMENT AND OPERATIONS (TSMO)



EL PASO DISTRICT ITS MASTER IMPLEMENTATION PLAN

April 2020



City of El Paso Traffic Management Center (2015)

# Project Budget

Project Components	Grant
<b>ITS System Design</b>	\$1,500,000
<b>ITS Integration</b>	\$500,000
<b>Total</b>	<b>\$2,000,000</b>

- **No City match is required**
- ITS System Design budget is based on recent costs for Ysleta and BOTA ITS design (\$32M State Rider)
- ITS integration will be sub-granted to Project Partners. Integration includes [PDN Uno](#) **PDN Uno**



# Impact to City

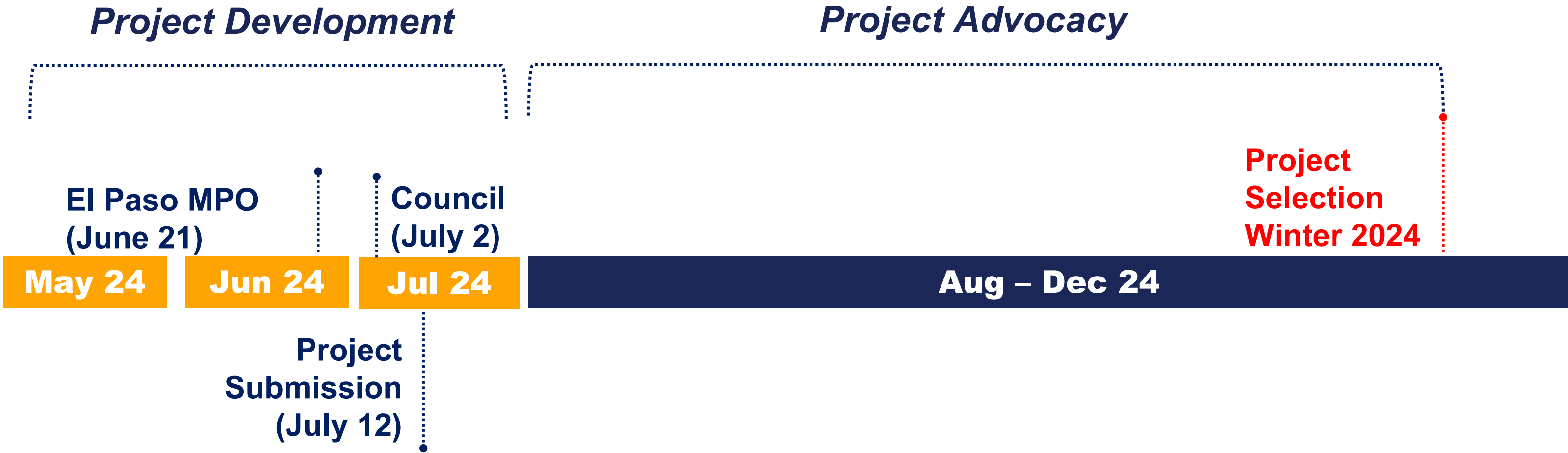
This SMART Project will **improve efficiency** for nationally-significant trade infrastructure, **reduce greenhouse gas emissions**, and **improve the flow of traffic** along priority transportation corridors.

## Additional benefits include:

- Modernizing City-owned assets
- Leveraging \$32M in state funding for ITS for Ysleta and BOTA ports
- Supporting a regional response to future closures of commercial traffic lanes at BOTA (part of a \$700M federal investment)
- Improve emergency response capacity at and near international ports



# Grant Development Timeline



# Council Action

Discussion and Action authorizing the submission of a grant application to the U.S. Department of Transportation (USDOT) Fiscal Year (FY) 2024 Strengthening Mobility and Revolutionizing Transportation (SMART) Stage 1 Planning and Prototyping grants program requesting funds in the amount of **\$2,000,000.00, with no match required from the City**, for the El Paso Downtown International Ports ITS Design and Regional Integration Project.





# Mission

Deliver exceptional services to support a high quality of life and place for our community



# Values

Integrity, **R**espect, **E**xcellence,  
**A**ccountability, **P**eople



# Vision

Develop a vibrant regional economy, safe and beautiful neighborhoods and exceptional recreational, cultural and educational opportunities powered by a high performing government

