

Oscar Leeser
Mayor

Tommy Gonzalez
City Manager



CITY COUNCIL
Peter Svarzbein, District 1
Alexsandra Annello, District 2
Cassandra Hernandez, District 3
Joe Molinar, District 4
Isabel Salcido, District 5
Claudia L. Rodriguez, District 6
Henry Rivera, District 7
Cissy Lizarraga, District 8

NOTICE OF WORK SESSION OF THE CITY COUNCIL OF THE CITY OF EL PASO

**August 30, 2021
9:05 AM**

**Teleconference phone number 1-915-213-4096
Toll free number: 1-833-664-9267
Conference ID: 175-167-200#**

TEMPORARY SUSPENSION OF OPEN MEETINGS LAWS DUE TO EMERGENCY

The Texas Governor temporarily suspended specified provisions of the Texas Open Meetings Act to allow telephonic or videoconference meetings and to avoid congregate settings in physical locations.

Notice is hereby given that a Work Session of the City Council of the City of El Paso will be conducted on August 30, 2021 at 9:05 A.M. Members of the public may view the meeting via the following means:

Via the City's website. <http://www.elpasotexas.gov/videos>
Via television on City15,
YouTube: <https://www.youtube.com/user/cityofelpasotx/videos>

In compliance with the requirement that the City provide two-way communication for members of the public, members of the public may communicate with Council during public comment, and regarding agenda items by calling the following number:

1-915-213-4096 or Toll free number: 1-833-664-9267

At the prompt please enter the corresponding Conference ID: 175-167-200#

The public is strongly encouraged to sign up to speak on items on this agenda before the start of this meeting on the following links:

<https://www.elpasotexas.gov/city-clerk/meetings/city-council-meetings>
and
http://legacy.elpasotexas.gov/muni_clerk/Sign-Up-Form-Monday-Work-Session.php

The following members of City Council will be present via video conference:

Mayor Oscar Leeser and Representatives Peter Svarzbein, Aleksandra Annello, Cassandra Hernandez, Joe Molinar, Isabel Salcido, Claudia Rodriguez, Henry Rivera, and Cissy Lizarraga

A quorum of City Council must participate in the meeting.

AGENDA

1. Presentation and discussion by the COVID-19 Response and Recovery Cross-Functional Team providing information on key activities, efforts, and processes. [21-998](#)

1. Overview (Tommy Gonzalez)
2. Team Lead Report:
 - a) Health Focus (Hector Ocaranza, M.D.)
 - b) Data Analysis (David Coronado)
 - c) Operations Focus (Araceli Guerra)

3. City Manager Wrap-up (Tommy Gonzalez)

All Districts

City Manager's Office, Cary Westin, (915) 212-1063

2. Discussion and action on the approval of the list of projects on Exhibit "A" attached to the Resolution, totaling \$42,850,000.00, which establishes: [21-981](#)
 - 1) the "Comprehensive International Bridges Capital Improvement Program" as the approved list of International Bridges Capital Improvement Program projects for FY 2022 through FY 2026; and
 - 2) the use of the identified funding sources.

Further, the El Paso City Council hereby authorizes the City Manager to make all necessary budget transfers prior to the execution of the projects.

All Districts

International Bridges, David Coronado, (915) 212-7505

3. A Resolution of the City Council of El Paso nominating Charter Communications, Inc. as a Texas State Enterprise Zone Project. [21-1008](#)

Districts 6 and 7

Economic and International Development, Kelly Kotlik, (915) 212-1623

4. Presentation by the El Paso Electric Company of the completed Renewable Generation Study, as required by Ordinance No. 019022, including the renewable generation commitments, opportunities, and goals identified by the Study. [21-1011](#)

All Districts

City Manager's Office, Elizabeth Triggs, (915) 212-1619

5. Discussion with the Veterans and Military Affairs Cross Functional Team to update Council on the status of Veteran and Military programs, policies, and initiatives that directly affect the El Paso Veteran and Military community.

[21-1028](#)

All Districts

Aviation, Sam Rodriguez, (915) 212-7301

Veteran and Military Affairs, Paul Albright, (915) 212-1654

EXECUTIVE SESSION

TEMPORARY SUSPENSION OF OPEN MEETINGS LAWS DUE TO EMERGENCY

The Texas Governor temporarily suspended specified provisions of the Texas Open Meetings Act to allow telephonic or videoconference meetings and to avoid congregate settings in physical locations.

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Mayor Oscar Leeser and Representatives Peter Svarzbein, Alexsandra Anello, Cassandra Hernandez, Joe Molinar, Isabel Salcido, Claudia Rodriguez, Henry Rivera, and Cissy Lizarraga

The City Council of the City of El Paso may retire into EXECUTIVE SESSION pursuant to Section 3.5A of the El Paso City Charter and the Texas Government Code, Chapter 551, Subchapter D, to discuss any of the following: (The items listed below are matters of the sort routinely discussed in Executive Session, but the City Council of the City of El Paso may move to Executive Session any of the items on this agenda, consistent with the terms of the Open Meetings Act and the Rules of City Council.) The City Council will return to open session to take any final action and may also, at any time during the meeting, bring forward any of the following items for public discussion, as appropriate.

Section 551.071	CONSULTATION WITH ATTORNEY
Section 551.072	DELIBERATION REGARDING REAL PROPERTY
Section 551.073	DELIBERATION REGARDING PROSPECTIVE GIFTS
Section 551.074	PERSONNEL MATTERS
Section 551.076	DELIBERATION REGARDING SECURITY DEVICES OR SECURITY AUDITS
Section 551.087	DELIBERATION REGARDING ECONOMIC DEVELOPMENT NEGOTIATIONS
Section 551.089	DELIBERATION REGARDING SECURITY DEVICES OR SECURITY AUDITS; CLOSED MEETING

Goal 6: Set the Standard for Sound Governance and Fiscal Management

Discussion and action on the following:

- EX1.** City of El Paso v. Gregg Abbott (COVID-19 Mask Mandate) Trial Court -- Matter No. 21-1001-305, Cause No. 2021DCV2805; Appellate Court - Matter No. 21-1001-205.001, 8th Court of Appeals Cause No. 08-20-00226. (551.071)

[21-1012](#)

City Attorney's Office, Karla M. Nieman, (915) 212-0033

City Attorney's Office, Manuel Arambula, (915) 212-0033

- EX2.** Joanna Cangialosi et al v. City of El Paso. Matter No. 18-1026-9235, Cause No. 2018DCV0797 (551.071) [21-1013](#)
City Attorney's Office, Karla M. Nieman, (915) 212-0033
City Attorney's Office, Kyle Lasley, (915) 212-0033
- EX3.** EPWU, Texas v. New Mexico, Original No. 141. (551.071) [21-1014](#)
City Attorney's Office, Karla M. Nieman, (915) 212-0033
- EX4.** Update on Application of El Paso Electric Company for Approval of Advanced Metering System (AMS) Public Utility Commission of Texas Docket No. 52040. Matter No. 21-1192-001 (551.071) [21-1016](#)
City Attorney's Office, Karla M. Nieman, (915) 212-0033
City Attorney's Office, Manuel Arambula, (915) 212-0033
- EX5.** Update on Application of El Paso Electric Company to Change Rates, Public Utility Commission of Texas Docket No. 52195. Matter No. 21-1008-174 (551.071) [21-1018](#)
City Attorney's Office, Karla M. Nieman, (915) 212-0033
City Attorney's Office, Manuel Arambula, (915) 212-0033
- EX6.** Discussion regarding the value and purchase/sale of real property located in the west side of the City of El Paso, Texas. Matter No. 21-1008-165 (551.071) (551.072) [21-1019](#)
Capital Improvement Department, Sam Rodriguez, (915) 212-0065
City Attorney's Office, Karla M. Nieman, (915) 212-0033
- EX7.** Economic Incentives for a Manufacturing Company to be located in the City of El Paso. Matter No. 21-1007-2740 (551.071)(551.072)(551.087) [21-1020](#)
Economic and International Development, Jessica Herrera, (915) 212-0094

ADJOURN

NOTICE TO THE PUBLIC:

If you need Spanish Translation Services, you must email CityClerk@elpasotexas.gov at least 48 hours in advance of the meeting.

ALL REGULAR CITY COUNCIL AGENDAS ARE PLACED ON THE INTERNET THURSDAY PRIOR TO THE MEETING AT THE ADDRESS BELOW:

<http://www.elpasotexas.gov/>



Legislation Text

File #: 21-998, **Version:** 1

**CITY OF EL PASO, TEXAS
LEGISTAR AGENDA ITEM SUMMARY FORM**

DISTRICT, DEPARTMENT, CONTACT INFORMATION:

*Please choose District and Department from drop down menu. Please post exactly as example below.
No Title's, No emails. Please use ARIAL 10 Font.*

All Districts

City Manager's Office, Cary Westin, (915) 212-1063

AGENDA LANGUAGE:

This is the language that will be posted to the agenda. Please use ARIAL 11 Font.

Presentation and discussion by the COVID-19 Response and Recovery Cross-Functional Team providing information on key activities, efforts, and processes.

1. Overview (Tommy Gonzalez)
2. Team Lead Report:
 - a) Health Focus (Hector Ocaranza, M.D.)
 - b) Data Analysis (David Coronado)
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3. City Manager Wrap-up (Tommy Gonzalez)

**CITY OF EL PASO, TEXAS
AGENDA ITEM
DEPARTMENT HEAD'S SUMMARY FORM**

AGENDA DATE: August 30, 2021

PUBLIC HEARING DATE: N/A

CONTACT PERSON(S) NAME AND PHONE NUMBER: Senior Deputy City Manager, Cary Westin (915) 212-1063

DISTRICT(S) AFFECTED: All

STRATEGIC GOAL: Goal 6 Set the Standard for Sound Governance and Fiscal Management
Goal 8 Nurture and Promote a Health Sustainable Community

SUBGOAL:

6.4- Implement leading-edge practices for achieving quality and performance excellence

6.5- Deliver services timely and effectively with focus on continual improvement

8.1- Deliver prevention, intervention, and mobilization services to promote a healthy, productive, and safe community

SUBJECT:

Presentation and discussion by the COVID-19 Response + Recovery Cross-Functional Team providing information on key activities, efforts, and processes.

1. Overview (Tommy Gonzalez)
2. Team Lead Report:
 - a) Health Focus (Hector Ocaranza, M.D.)
 - b) Data Analysis (David Coronado)
 - c) Operations Focus (Araceli Guerra)
3. City Manager Wrap-up (Tommy Gonzalez)

BACKGROUND / DISCUSSION:

The COVID-19 Response + Recovery Cross-Functional Team is comprised of ten multi-disciplinary teams focused on the continued planning, development and implementation of actions supporting key impact areas. Ongoing updates will be provided to share key information and upcoming items.

PRIOR COUNCIL ACTION:

N/A

AMOUNT AND SOURCE OF FUNDING:

N/A

HAVE ALL AFFECTED DEPARTMENTS BEEN NOTIFIED? ☒ YES ☐ NO

PRIMARY DEPARTMENT:

SECONDARY DEPARTMENT:

*****REQUIRED AUTHORIZATION*****

DEPARTMENT HEAD:



(If Department Head Summary Form is initiated by Purchasing, client
department should sign also)



Legislation Text

File #: 21-981, Version: 1

**CITY OF EL PASO, TEXAS
LEGISTAR AGENDA ITEM SUMMARY FORM**

DISTRICT, DEPARTMENT, CONTACT INFORMATION:

Please choose District and Department from drop down menu. Please post exactly as example below.

No Title's, No emails. Please use ARIAL 10 Font.

All Districts

International Bridges, David Coronado, (915) 212-7505

AGENDA LANGUAGE:

This is the language that will be posted to the agenda. Please use ARIAL 11 Font.

Discussion and action on the approval of the list of projects on Exhibit "A" attached to the Resolution, totaling \$42,850,000.00, which establishes:

- 1) the "Comprehensive International Bridges Capital Improvement Program" as the approved list of International Bridges Capital Improvement Program projects for FY 2022 through FY 2026; and
- 2) the use of the identified funding sources.

Further, the El Paso City Council hereby authorizes the City Manager to make all necessary budget transfers prior to the execution of the projects.

**CITY OF EL PASO, TEXAS
AGENDA ITEM DEPARTMENT HEAD'S SUMMARY FORM**

DEPARTMENT: International Bridges Department
AGENDA DATE: Public Hearing: August 30, 2021
CONTACT PERSON/PHONE: David A. Coronado, (915) 212-7505,
CoronadoDA@elpasotexas.gov
DISTRICT(S) AFFECTED: All Districts
STRATEGIC GOAL: Goal #1: Create an environment conducive to strong sustainable economic development

SUBJECT:

That the El Paso City Council hereby approves the list of projects on Exhibit "A" attached to the Resolution, totaling \$42,850,000.00, which establishes: 1) the "Comprehensive International Bridges Capital Improvement Program" as the approved list of International Bridges Capital Improvement Program projects for FY 2022 through FY 2026; and 2) the use of the identified funding sources. Further, the El Paso City Council hereby authorizes the City Manager to make all necessary budget transfers prior to the execution of the projects.

BACKGROUND/DISCUSSION:

Starting in 2015, a new approach was taken under the direction of the City Manager and aligned with Goal #1 of our then new Strategic Plan, the City of El Paso took the first step to leverage the bridges for economic development purposes. Since then, IBD has been managing and facilitating the Bridges Steering Committee (BSC) dedicated to bridge infrastructure and inspection processing improvements at the ports of entry. This new collaborative has created a venue for all regulatory agencies, business groups and other key stakeholders to come together and work on the issues impacting the regional international ports of entry.

IBD, working alongside the BSC, has developed and updated a comprehensive five-year Capital Improvements Program (CIP) to address several infrastructure needs. This CIP addresses critical needs at all ports of entry within the City of El Paso across all modes (commercial traffic, privately owned vehicles and pedestrians) for both north- and south-bound border crossings.

This item requests the approval of IBD's updated five-year CIP with an estimated total projects cost of \$42,850,000.00 to be funded by the funding sources noted below.

PRIOR COUNCIL ACTION:

December 3, 2013 – CC approval of the Section 560 "P3 program" reimbursable fee agreement with U.S. Customs and Border Protection (CBP)

September 23, 2014 – First P3 program extension

September 22, 2015 – Second P3 program extension

July 12, 2016 – Third P3 program extension through December 18, 2018

February 6, 2018 – BOTA addition to P3 program for port of entry capital improvement projects

December 10, 2018 – Permanent approval of the Section 559 "P3" reimbursable fee agreement with CBP

December 10, 2018 – Approval of the Comprehensive International Bridges CIP for FY 2019 through FY 2023

AMOUNT AND SOURCE OF FUNDING:

1. International Bridges Restricted Fund (P3 program) – Dept. 564 - Fund 3360 - Division 64870
2. Texas Mobility Funds (Rider 44): Intelligent Transportation System at the International Ports of Entry at the Bridge of the Americas and the Zaragoza Bridge in El Paso

*****REQUIRED AUTHORIZATION*****

LEGAL: (if required)

FINANCE: (if required)

DEPARTMENT HEAD: David Coronado, MPA
Director for International Bridges



APPROVED FOR AGENDA:

CITY MANAGER: _____ **DATE:** _____

RESOLUTION

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF EL PASO:

THAT the El Paso City Council hereby approves the list of projects on Exhibit "A" attached hereto, totaling \$42,850,000.00, which establishes: 1) the "Comprehensive International Bridges Capital Improvement Program" as the approved list of International Bridges Capital Improvement Program projects for FY 2022 through FY 2026; and 2) the use of the identified funding sources. Further, the El Paso City Council hereby authorizes the City Manager to make all necessary budget transfers prior to the execution of the projects.

APPROVED THIS _____ DAY OF _____, 2021


CITY OF EL PASO

Oscar Leaser
Mayor

ATTEST:


Laura D. Prine
City Clerk

APPROVED AS TO FORM:



Roberta Brito
Assistant City Attorney

APPROVED AS TO CONTENT:



David Coronado, MPA
Director of International Bridges

(Exhibit "A" on the following page)

Exhibit "A"

International Bridges Department - Five Year Capital Improvement Program (FY 2022 - FY 2026)

City of El Paso - Funded Projects	Total Budget Allocation		
	Total	P3	Rider
ITS at Ysleta and BOTA (Rider 44 - Off-System)	\$ 18,000,000	\$ -	\$18,000,000
ITS at Ysleta and BOTA (Rider 44 - On-System)	\$ 14,000,000	\$ -	\$14,000,000
Ysleta toll booth improvements (add'l lane, lane assignments)	\$ 650,000	\$ 650,000	\$ -
Stanton Street Traffic Study	\$ 500,000	\$ 500,000	\$ -
E-Fast Pass traffic only lane at Stanton	\$ 500,000	\$ 500,000	\$ -
Paso del Norte bridge toll collection system upgrades	\$ 1,000,000	\$ 1,000,000	\$ -
ITS at Stanton	\$ 1,800,000	\$ 1,800,000	\$ -
Ysleta Preliminary Engineering Report	\$ 650,000	\$ 650,000	\$ -
Redesign pedestrian waiting/pick-up area at Ysleta	\$ 750,000	\$ 750,000	\$ -
Pedestrian improvements at Ysleta	\$ 750,000	\$ 750,000	\$ -
General bridge facilities operations and maintenance	\$ 1,500,000	\$ 1,500,000	\$ -
Pavement markings, striping and lane dividers	\$ 540,000	\$ 540,000	\$ -
Stanton E-Fast Pass Office	\$ 400,000	\$ 400,000	\$ -
International Bridges Crossborder Survey Project	\$ 560,000	\$ 560,000	\$ -
Improve ADA accessibility	\$ 1,250,000	\$ 1,250,000	\$ -

Total	P3	Rider
\$ 42,850,000	\$10,850,000	\$ 32,000,000

International Bridges 5-Year Capital Improvement Program

David A. Coronado, MPA

Table of Contents

- 1. Background**
- 2. Progress Update**
- 3. Updated Capital Improvement Program Overview**
- 4. Requested City Council Action**

1. Background

El Paso International Bridge System



El Paso International Bridge System

- ❖ 2020 Trade through El Paso POE totaled \$70.4 billion 59% imports; 41% exports
 - Ranks 2nd in personal vehicles crossings (over 7.2 million)
 - Ranks 2nd in pedestrian crossings (over 3.3 million)
 - Ranks 3rd in cargo crossings (over 750,000)



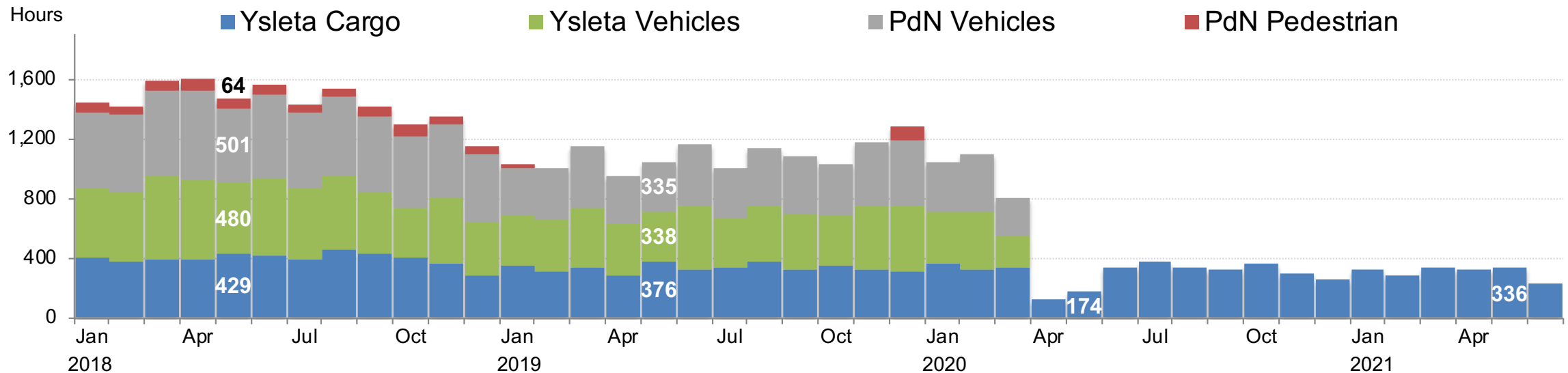
International Bridges Department

- ❖ Department restructuring and transformation as a first step to leverage the bridges for economic development purposes in 2015
- ❖ New key positions added to IBD staffing table
- ❖ Application of research methodologies and advanced statistical analysis, including qualitative and (GIS) spatial techniques
- ❖ Adoption of permanent P3 agreement with U.S. Customs and Border Protection to stabilize and reduce bridge wait times



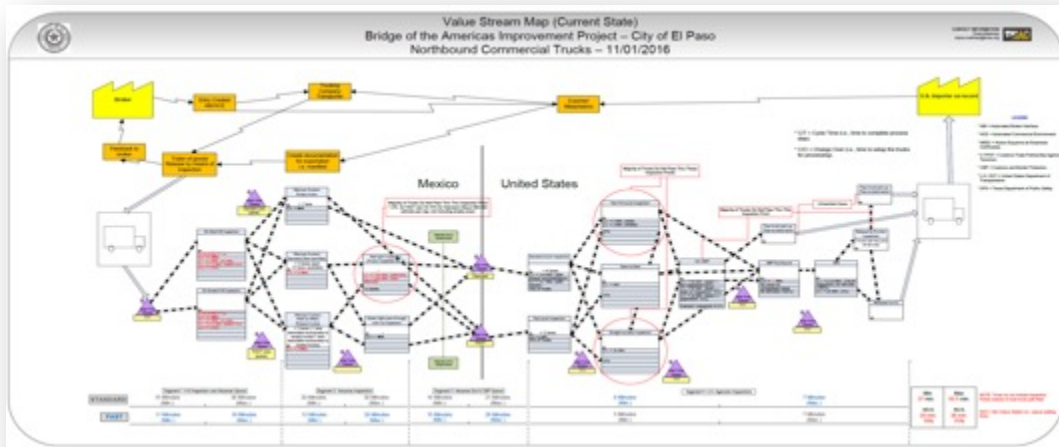
P3 Program: CBP Overtime

- ❖ El Paso one of five entities selected for the initial five-year P3 pilot program
- ❖ City supplements CBP overtime to staff all lanes during peak hours to help **reduce or stabilize wait times** at PdN and Ysleta
- ❖ Paid for by an increase in tolls starting January 2014
 - \$0.50 for autos and \$0.50 per axle for cargo trucks
- ❖ P3 revenues also used for **infrastructure** and **traffic control**



International Bridges Department

- ❖ Bridges Steering Committee established to benefit and improve the operations of all regional POEs, all modes, both NB|SB
- ❖ Binational member stakeholder groups (20+ agencies/organizations)
- ❖ Monthly work sessions to discuss operations, projects and coordination efforts in the region
- ❖ Rider 44: \$32M in state transportation funding
- ❖ Development and adoption of comprehensive Capital Improvement Program for the City's ports of entry



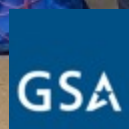
Bridges Steering Committee

United States

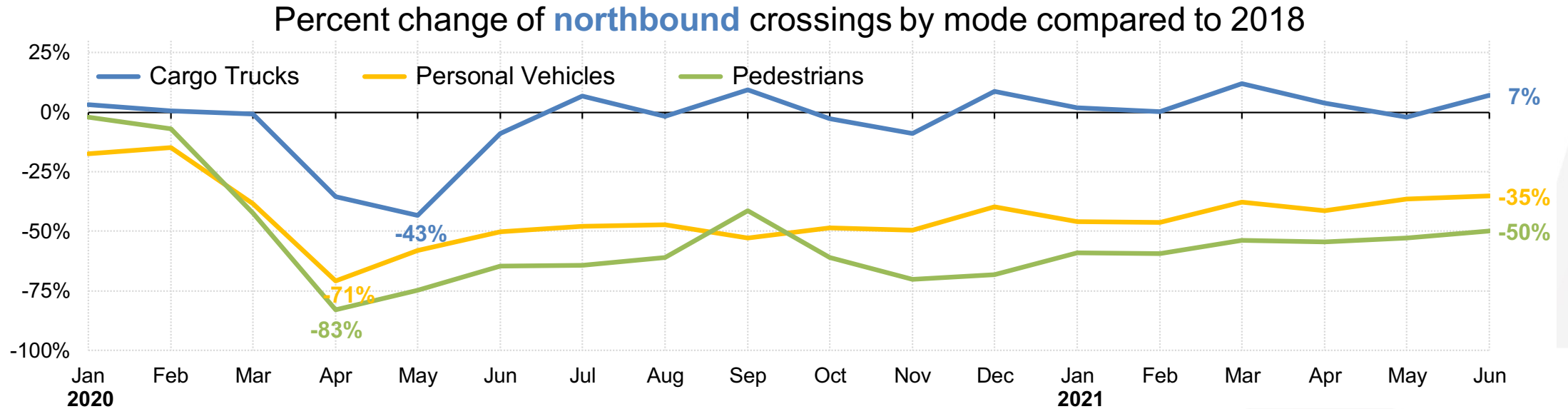
- Border Industrial Association
- Borderplex Alliance
- Camino Real Regional Mobility Authority
- City of El Paso (IBD, CID, SAM, PD, PI)
- County of El Paso
- El Paso Community Foundation
- Metropolitan Planning Organization
- New Mexico Border Authority
- Southwest Maquiladora Association
- Texas A&M Transportation Institute
- Texas Department of Public Safety
- Texas Department of Transportation El Paso
- U.S. Consulate
- U.S. Customs and Border Protection
- U.S. Department of Transportation
- U.S. General Services Administration
- UTEP – Civil Engineering Department

México

- Asociación de Transportistas
- Fideicomiso de Puentes Fronterizos de Chihuahua
- Gobierno del Estado de Chihuahua
- IMIP (Jrz. Planning Office)
- INDEX (Maquiladora Association)
- Municipio de Juárez
- Secretaria de Relaciones Exteriores
- Servicio de Administración Tributaria



COVID-19 Impact on Bridge Crossings



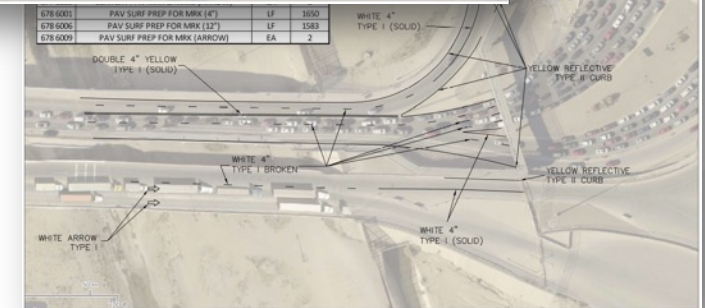
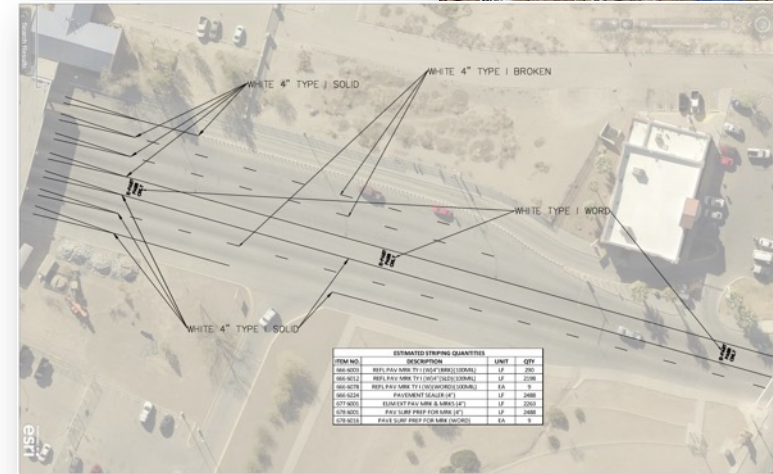
Source: U.S. Customs and Border Protection compiled by the City of El Paso International Bridges. Last observation: June, 2020

- ❖ Travel restrictions on non-essential trips effective March 21, 2020
- ❖ Restrictions renewed monthly, current extension in effect through July 21, 2021
- ❖ Considerable decline in vehicle and pedestrian crossings, no impact on commercial traffic

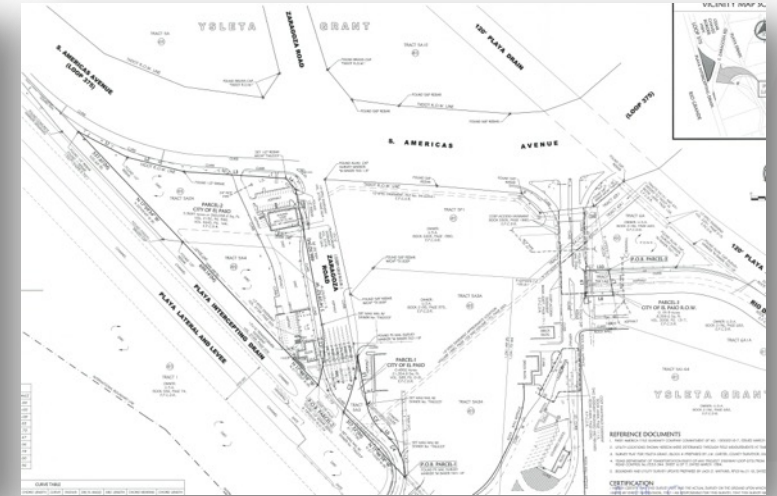
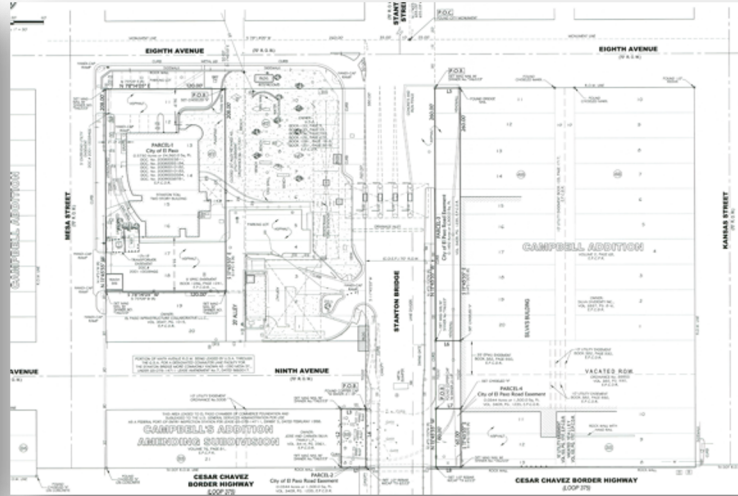
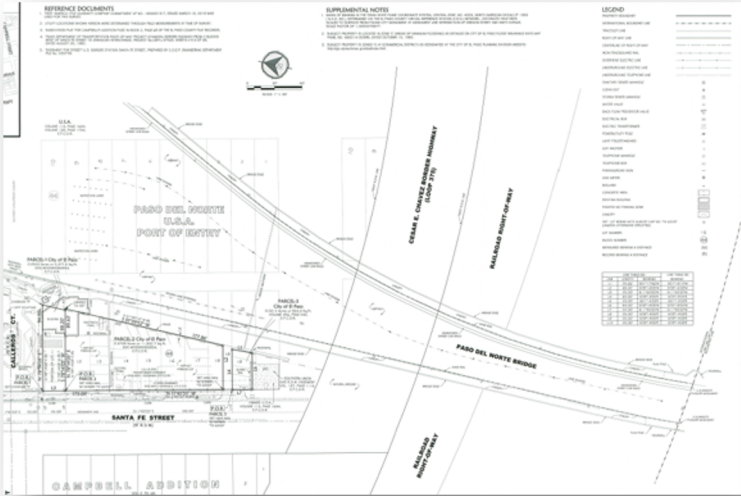
2. Progress Update

Projects Update

- ❖ Land surveys completed for all bridges
- ❖ Conducted research on old property, ROW vacation, easements, documents/plans, etc.
- ❖ Stanton old pedestrian toll structure demolition completed
- ❖ Stanton Street traffic study: scope of work finalized
- ❖ Rider 44
- ❖ Ysleta/Zaragoza striping project completed
- ❖ Winn Rd./Pan American project
- ❖ TX-MX Border Transportation Master Plan

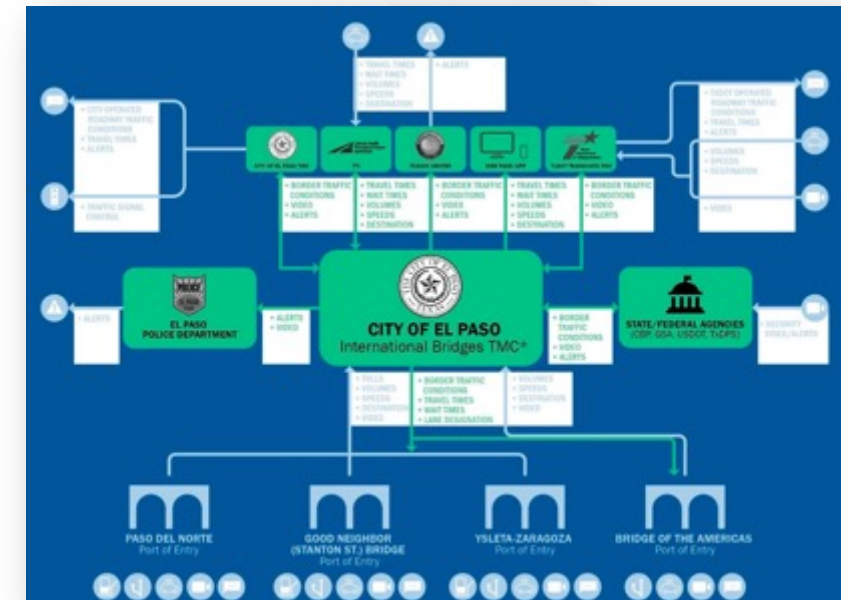


POE Land Surveys



Rider 44 Overview

- ❖ Intelligent Transportation Systems (ITS) at Bridge of the Americas and Ysleta POE (\$32M project: \$18M off-system | \$14M on-system)
 - Concept of Operations developed (interagency coordination)
 - Dynamic message signs
 - CCTV for traffic management and monitoring, video feeds available at PDNuno.com
 - Wait-time collection devices integrated with TTI's BCIS
 - In close coordination with BSC stakeholders including TxDOT, CBP, TTI, EPPD and others
 - Integration with Fideicomiso de Puentes Fronterizos de Chihuahua ITS enhancements
 - Regionally integrated payment system



Winn Rd. and Pan American Dr.

- ❖ **New truck route opened Monday, March 1st, 2021**
- ❖ IBD is working in close collaboration with the Capital Improvements and Streets & Maintenance Departments
- ❖ City of El Paso efforts include:
 - Continued coordination with stakeholders
 - Increased traffic control assistance from Police Department funded by International Bridges Department
 - Use of signage to help guide truck traffic
 - Expanded toll booth schedules to increase throughput and help reduce southbound wait times
 - Rio del Norte striping plan
 - S. Americas Ave. improvements



TX-MX Border Transportation Master Plan 2021 (BTMP)

- ❖ TX-MX Border Transportation Master Plan 2021 completed
- ❖ Effort led by Border Trade Advisory Committee (BTAC) and Texas Department of Transportation
 - Five El Paso regional seats appointed by Texas Secretary of State
- ❖ BTMP efforts began December 2018, adopted by Texas Transportation Commission March 2021
- ❖ Bridges Steering Committee involved throughout process
- ❖ Plan identified policy, program and project recommendations
- ❖ El Paso/Santa Teresa/Chihuahua Region: 292 identified projects, \$11.6B
 - 661 border wide total projects, \$37.4B total cost
- ❖ Continued collaboration with BTAC and TxDOT in future implementation phase of BTMP and defining our path forward in project priorities and evaluation criteria



3. Updated Capital Improvement Program Overview

Capital Improvement Program

City of El Paso - Funded Infrastructure Projects		Total Budget Allocation		
		Total	P3	Rider
1	ITS at Ysleta and BOTA (Rider 44 - Off-System)	\$ 18,000,000	\$ -	\$18,000,000
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13	Stanton E-Fast Pass Office	\$ 400,000	\$ 400,000	\$ -
14	International Bridges Crossborder Survey Project	\$ 560,000	\$ 560,000	\$ -
15	Improve ADA accessibility	\$ 1,250,000	\$ 1,250,000	\$ -

Total	P3	Rider
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Long-Term Goals				
1	Ysleta Port of Entry Expansion/Modernization Feasibility Study	\$ 5,000,000	\$ 5,000,000	

Additional Lane at Ysleta/Zaragoza



Additional Lane at Ysleta/Zaragoza



Stanton St. Bridge ITS

❖ Intelligent Transportation Systems at the Stanton St. bridge

- Dynamic message signs
- CCTV for traffic management and monitoring
- Wait-time data collection devices
- Project will allow to share real-time traffic conditions and data with government agencies and general public in both JZ and ELP
- Cost: \$9M (potentially funded by infrastructure bill)
 - Federal contribution \$7.2M
 - Local match \$1.8M
- PDN upgrades are programmed for future implementation
- **Complete ITS program at intl. bridges city-wide**



Stanton and Paso del Norte Bridges

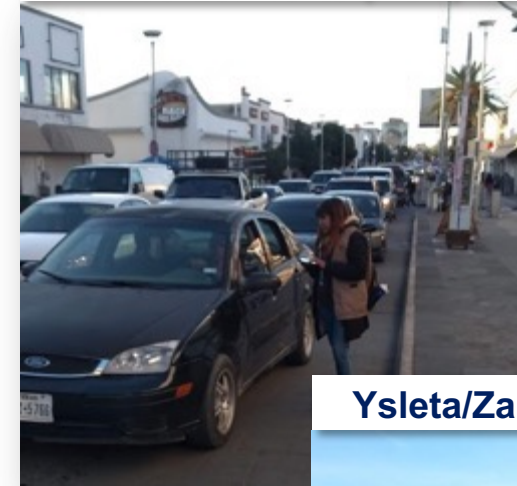
IB Crossborder Survey

Objective: Quantify cross-border social and expenditure activities and the monetary impact on the El Paso economy.

- ❖ Binational collaboration between IBD and El Colegio de la Frontera Norte (Cd. Juárez and Tijuana campuses)
- ❖ Administered by COLEF on the Mexican side year-round all days of the week (entry and exit surveys)
- ❖ Captures seasonal and cyclical trends, and effects of external shocks (exchange rate, violence, national security)
- ❖ Trip purpose – shopping, work/business, friends/family, recreation/vacation, school, health, etc.
- ❖ Factors that influence travel frequency, travel mode, bridge choice, and destination patterns
- ❖ Expenditures by activity and area of town

Findings available online at: pdnuno.com/data/ibcs

Paso del Norte (POV)



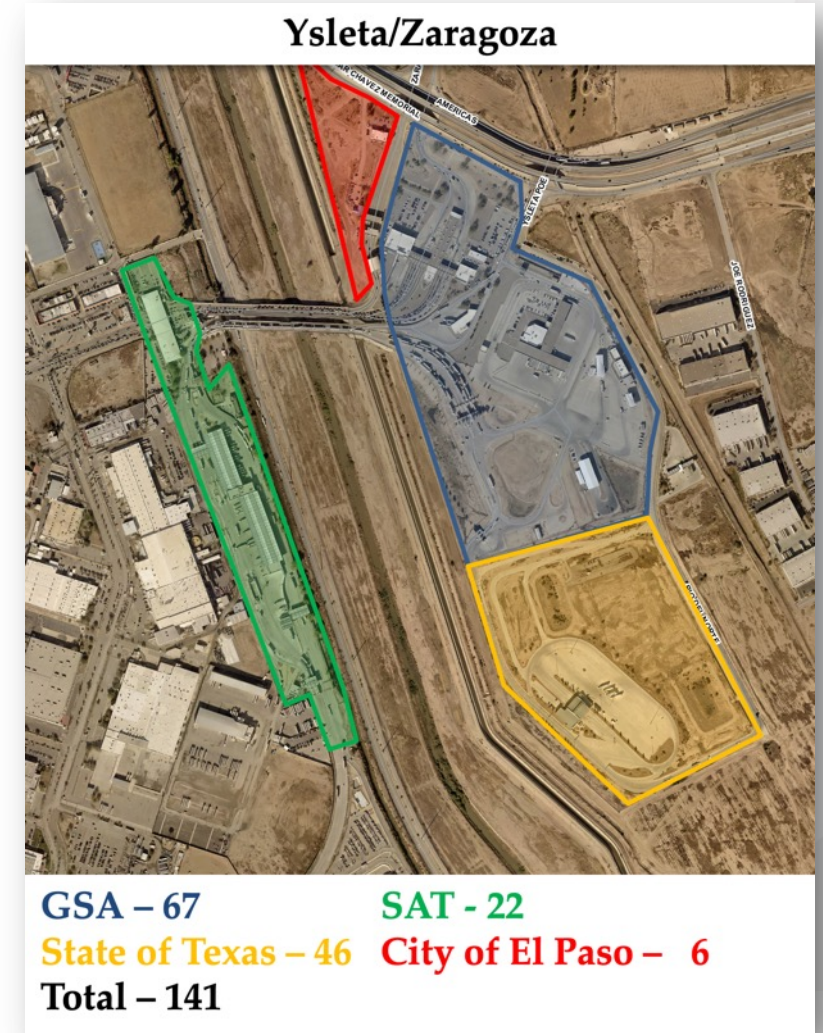
Ysleta/Zaragoza (Sentri)



Future Priority Project

❖ Ysleta/Zaragoza POE Expansion/Modernization Feasibility Study

- Recent port investments include:
 - ITS enhancements (\$32M)
 - Winn Rd. and Pan American Dr. Project (\$12M)
 - TxDOT's Loop 375 construction, ramp reversals and main lane widening projects (\$100M+)
 - Parallel Fideicomiso de Puentes ITS and pedestrian enhancements projects currently underway
 - MX Aduana PITA program and facility modernization project completed 2016
- Est. Cost: \$5M
- Scope of work would include elements such as possible port expansion, modernization alternatives, enhanced pedestrian amenities, new technologies, improved traffic control measures, public parking, etc.



4. Requested City Council Action

Requested City Council Action

Approval of the International Bridges Department's five-year comprehensive port of entry capital improvement plan (FY2022-2026) in the estimated total projects cost amount of \$42,850,000 and to authorize the City Manager to make all necessary budget transfers prior to the execution of the projects.

Thank you



El Paso, TX

300 N. Campbell
El Paso, TX

Legislation Text

File #: 21-1008, **Version:** 2

CITY OF EL PASO, TEXAS
LEGISTAR AGENDA ITEM SUMMARY FORM

DISTRICT, DEPARTMENT, CONTACT INFORMATION:

Please choose District and Department from drop down menu. Please post exactly as example below.

No Title's, No emails. Please use ARIAL 10 Font.

Districts 6 and 7

Economic and International Development, Kelly Kotlik, (915) 212-1623

AGENDA LANGUAGE:

This is the language that will be posted to the agenda. Please use ARIAL 11 Font.

A Resolution of the City Council of El Paso nominating Charter Communications, Inc. as a Texas State Enterprise Zone Project.

**CITY OF EL PASO, TEXAS
AGENDA ITEM
DEPARTMENT HEAD'S SUMMARY FORM**

AGENDA DATE: August 30, 2021 – Work Session

PUBLIC HEARING DATE: N/A

CONTACT PERSON(S) NAME AND PHONE NUMBER: Kelly Kotlik – Program Administrator, 212-1623

DISTRICT(S) AFFECTED: 6 and 7

STRATEGIC GOAL: Goal 1: Create an Environment Conducive to Strong, Sustainable Economic Development.

SUBGOAL: 1.1 Stabilize and expand El Paso's tax base

SUBJECT:

A Resolution of the City Council of El Paso nominating Charter Communications, Inc. as a Texas State Enterprise Zone Project.

BACKGROUND / DISCUSSION:

The Texas Enterprise Zone Program is an economic development tool that allows the City of El Paso to collaborate with the State of Texas to encourage job creation and capital investment in economically distressed areas. Texas communities must nominate companies in their jurisdiction to receive Enterprise Zone designation and thus be eligible to receive state sales and use tax refunds on qualified expenditures. The City of El Paso is nominating Charter Communications, Inc. located at 11950 Don Haskins Dr. and 8460 Gran Vista Dr. as an Enterprise Project to the Office of the Governor Economic Development and Tourism. Once nominated by the City of El Paso, the business is eligible to apply for state sales and use tax refunds on qualified expenditures provided that they satisfy capital investment and job creation metrics.

PRIOR COUNCIL ACTION:

June 21, 2021 – Charter Communications, Inc. Chapter 380 Economic Development Program Agreement
August 20, 2019 – Western Refining Company, L.P. TEZ Designation

AMOUNT AND SOURCE OF FUNDING:

N/A. Texas Enterprise Zone designation enables business to receive only state sales and use tax refunds.

HAVE ALL AFFECTED DEPARTMENTS BEEN NOTIFIED? ☒ YES ☐ NO

PRIMARY DEPARTMENT: Economic and International Development

SECONDARY DEPARTMENT: N/A

*******REQUIRED AUTHORIZATION*******

DEPARTMENT HEAD: *Mirella Craigo* For Jessica Herrera

(If Department Head Summary Form is initiated by Purchasing, client department should sign also)

**A RESOLUTION NOMINATING CHARTER COMMUNICATIONS, INC.
AS A TEXAS STATE ENTERPRISE ZONE PROJECT**

WHEREAS, the City Council of the City of El Paso (“City”) has previously passed Ordinance No. 017116 on May 26, 2009, electing to participate in the Texas Enterprise Zone Program; and

WHEREAS, the local incentives offered under this Resolution are the same on this date as were outlined in Ordinance No. 017116; and

WHEREAS, pursuant to Chapter 2303, Subchapter F of the Texas Enterprise Zone Act, Texas Government Code (“Act”), Charter Communications, Inc. has applied to the City for designation as an enterprise zone project; and

WHEREAS, the Office of the Governor Economic Development and Tourism (“EDC”) through the Economic Development Bank (“Bank”) will consider Charter Communications, Inc. as an enterprise project pursuant to a nomination and an application made by the City; and

WHEREAS, the City desires to pursue the creation of the proper economic and social environment in order to induce the investment of private resources in productive business enterprises located in the city and to provide employment to residents of enterprise zones and to other economically disadvantaged individuals; and

WHEREAS, the City finds that Charter Communications, Inc. meets the criteria for designation as an enterprise project under Chapter 2303, Subchapter F of the Act on the following grounds:

1. Charter Communications, Inc. is a "qualified business" under Section 2303.402 of the Act since it will be engaged in the active conduct of a trade or business at a qualified business site located outside an enterprise zone and at least thirty-five percent (35%) of the business' new employees will be residents of an enterprise zone, economically disadvantaged individuals, or veterans; and
2. There has been and will continue to be a high level of cooperation between public, private, and neighborhood entities within the area; and
3. The designation of Charter Communications, Inc. as an enterprise project will contribute significantly to the achievement of the plans of the City for development and revitalization of the area.

WHEREAS, the City finds that Charter Communications, Inc. meets the criteria for tax relief and other incentives adopted by the City and nominates Charter Communications, Inc. for enterprise project status on the grounds that it will be located at the qualified business site, will create a higher level of employment, economic activity and stability; and

WHEREAS, the City finds that it is in the best interest of the City to nominate Charter Communications, Inc. as an enterprise project pursuant to the Act.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF EL PASO:

1. That Charter Communications, Inc. is a "qualified business" as defined in Section 2303.402 of the Act, and the Charter Communications, Inc. Capital Improvement project meets the criteria for designation as an enterprise project, as set forth in Section 2303, Subchapter F of the Act;
2. That the enterprise zone project shall take effect on the date of designation of the enterprise project by the agency and terminate five years after date of designation; and
3. That the Director of Economic Development or her designee be authorized to sign any and all documents required by EDC to complete the nomination process.

PASSED and APPROVED this ____ day of _____, 2021.

ATTEST:


THE CITY OF EL PASO:

Laura Prine
City Clerk

Oscar Leeser
Mayor

APPROVED AS TO FORM:

APPROVED AS TO CONTENT:



Frances M. Maldonado Engelbaum
Assistant City Attorney

Mirella Craigo for:

Jessica Herrera, Director
Economic & International Development



Legislation Text

File #: 21-1011, **Version:** 2

**CITY OF EL PASO, TEXAS
LEGISTAR AGENDA ITEM SUMMARY FORM**

DISTRICT, DEPARTMENT, CONTACT INFORMATION:

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All Districts

City Manager's Office, Elizabeth Triggs, (915) 212-1619

AGENDA LANGUAGE:

This is the language that will be posted to the agenda. Please use ARIAL 11 Font.

Presentation by the El Paso Electric Company of the completed Renewable Generation Study, as required by Ordinance No. 019022, including the renewable generation commitments, opportunities, and goals identified by the Study.

**CITY OF EL PASO, TEXAS
AGENDA ITEM
DEPARTMENT HEAD'S SUMMARY FORM**

AGENDA DATE: August 30, 2021

PUBLIC HEARING DATE: Not applicable

CONTACT PERSON(S): Elizabeth Triggs, (915) 212-1619, TriggsEK@elpasotexas.gov

DISTRICT(S) AFFECTED: All Districts

STRATEGIC GOAL: Goal 6. Set the standard for sound governance and fiscal management

SUBGOAL: Sub-goal 6.8: Implement leading-edge practices for achieving quality and performance excellence

SUBJECT:

Presentation by the El Paso Electric Company of the completed Renewable Generation Study, as required by Ordinance No. 019022, including the renewable generation commitments, opportunities, and goals identified by the Study.

BACKGROUND / DISCUSSION:

On February 4, 2020, City Council approved an amendment to its franchise agreement with the El Paso Electric Company ("EPE") which requires the completion of a study concerning renewable generation ("Renewable Generation Study") and share the results of the Study with the City shortly after its completion. The purpose of this item is for EPE to present the results of the Renewable Generation Study, including the following seven deliverables:

1. An analysis of the technical feasibility of integrating utility-scale renewable generation into EPE's utility system;
2. Possible costs and operational impacts related to the integration of utility-scale renewable generation into EPE's Texas service territory;
3. Reasonable commitments EPE can make to increase the integration of renewable generation in its Texas generation portfolio;
4. Legislative or regulatory changes, if any, that may be required to increase utility-scale renewable generation in EPE's Texas service territory and the strategies necessary to implement those changes;
5. Potential voluntary renewable generation program offerings to allow customers to increase their use of renewable resources within EPE's Texas service territory;
6. Grant opportunities for EPE, the City, or both to increase the integration of renewable generation in EPE's Texas generation portfolio; and
7. Potential renewable generation programs to assist with low-income assistance programs.

In accordance with the approved amendment, Ordinance No. 019022, EPE will be required to report to the City Council no less than two times per year on its progress toward the renewable generation commitments, opportunities, and goals identified by the Renewable Generation Study.

PRIOR COUNCIL ACTION:

On February 4, 2020, in accordance with Ordinance No. 16090, the City Council consented to the merger of EPE and Sun Merger Sub Inc., resulting in EPE becoming a direct wholly owned subsidiary of Sun Jupiter Holdings, LLC; and additionally, approved an amendment to its franchise agreement with the El Paso Electric Company to allow for assignment of the franchise to EPE following the merger. As consideration for City Council's approval of the merger and subsequent assignment of its franchise agreement, EPE committed to complete the Renewable Generation Study, among other things.

AMOUNT AND SOURCE OF FUNDING:

None

HAVE ALL AFFECTED DEPARTMENTS BEEN NOTIFIED? X YES ___ NO

PRIMARY DEPARTMENT: City Manager's Office

SECONDARY DEPARTMENT: City Attorney's Office

*****REQUIRED AUTHORIZATION*****

DEPARTMENT HEAD:

Elizabeth Triggs
Elizabeth Triggs, Strategic Partnerships Officer

DRAFT

**Renewable Generation Study -
City of El Paso**



August 31, 2021



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I. Introduction

El Paso Electric Company (“EPE” or the “Company”) presents the results of its Renewable Generation Study for the City of El Paso (the “Renewable Study”) pursuant to section 9.5 of its Franchise Agreement,¹ which requires the Company to complete a study concerning renewable generation and present the findings of such study to the City of El Paso, Texas (“City”). There are a total of seven deliverables for the agreed to Renewable Study. The following three topics, identified by the relevant sections of the Franchise Agreement, required to be addressed by the Renewable Study are included in the technical study as documented in the body of this report.

9.5(b)1 – The technical feasibility of integrating utility-scale renewable generation into the Company’s utility system and the changes and impacts the Company’s transmission and distribution system;

9.5(b)2 – Possible costs and operational impacts related to the integration of utility-scale renewable generation into the Company’s Texas service territory; and

9.5(b)5 – Reasonable commitments that the Company can make to increase the integration of renewable generation in the Company’s Texas generation portfolio

The remainder of the topics listed below are not encompassed within the technical study, rather they are analyses for potential grants, programs, or policy changes that may further promote the integration of renewables.

9.5(b)3 – Legislative or regulatory changes, if any, that may be required to increase utility-scale renewable generation in Company’s Texas service territory and the legislative strategies necessary to implement such legislative or regulatory changes;

9.5(b)(4) – Potential voluntary renewable generation program offerings to allow customers to increase their use of renewable resources within the El Paso, Texas, city limits and the Company’s Texas service territory;

9.5(b)(6) – Grant opportunities for the Company, the City, or both to increase the integration of renewable generation in EPE’s Texas generation portfolio; and

9.5(b)(7) – Potential renewable generation programs to assist with low-income assistance programs such as the Low-Income Home Energy Assistance Program or additional incentives for distributed generation.

EPE completed the Renewable Study utilizing the definition of renewable energy found within the Public Utility Regulatory Act² § 39.904(d):

¹ City of El Paso Ordinance 016090 (Jul. 12, 2005), as amended by City of El Paso Ordinances 017460 (Nov. 16, 2010), 018772 (Mar. 20, 2018), and 019022 (Feb. 4, 2020).

² Tex. Util. Code §§ 11.001 – 66.016.

[A]ny technology that exclusively relies on an energy source that is naturally regenerated over a short time and derived directly from the sun, indirectly from the sun, or from moving water or other natural movements and mechanisms of the environment. Renewable energy technologies include those that rely on energy derived directly from the sun, wind, geothermal, hydroelectric wave or tidal energy, or on biomass or biomass-based waste products, including landfill gas. A renewable energy technology does not rely on energy resources derived from fossil fuels, waste products from fossil fuels, or waste products from inorganic resources.

The Company's existing resources provide a foundation for developing EPE's 2021 Integrated Resource Plan ("IRP"). The goal of the IRP is to produce the most cost-effective resource portfolio that minimizes cost to our customers while meeting or exceeding reliability and Renewable Portfolio Standard³ requirements. EPE utilizes its current supply side resources to satisfy the bulk of its customers' electrical demands with power generated from company-owned generating facilities and third-party purchased power agreement facilities fueled by solar, natural gas, and uranium. Further, EPE utilizes Demand Side Management ("DSM") to encourage consumers to use less energy during peak load hours or to shift that usage to off-peak hours in order to reduce the need for additional power plants.

EPE's carbon footprint is among the lowest one-third of the utility industry due to its ownership in the Palo Verde Generating Station and the fact that EPE exited from coal generation in 2016. Table 1 shows a comparison of output emissions of EPE, the US Power Sector, the southwestern region of WECC, New Mexico, and Texas. It is key to note that EPE has a lower carbon footprint than all the utilities combined within the southwestern region of WECC when comparing in pounds per megawatt hour ("lbs/MWh").

Table 1. Comparison of 2019 Output Emissions

2019 Output Emissions	CO_{2e} (lbs/MWh)
El Paso Electric	543
U.S. Power Sector	884
WECC Southwest	957
New Mexico	1327
Texas	913

U.S. EPA, 2021. Emissions & Generation Resource Integrated Database (eGRID) at <https://www.epa.gov/egrid/summary-data>

The Renewable Study explores the costs and feasibility of further decarbonization and maximization of renewable integration beyond EPE's already low carbon footprint. The

³ EPE is subject to Renewable Portfolio Standards in both Texas and New Mexico. 16 Tex. Admin Code § 25.173, § 17.9.572 New Mexico Administrative Code.

Renewable Study is the Texas jurisdictional offshoot study of EPE's 2021 IRP which was utilized for the following purposes:

1. Renewable Study
2. New Mexico Integrated Resource Plan⁴
3. EPE Corporate Carbon Free Energy Goals

All three of the initiatives required technical analyses that are similar in methodologies and addressing them via the IRP was the most efficient and comprehensive approach.

II. Integrated Resource Plan

The current draft of the full IRP Report may be found on EPE's public website at the following link.

<https://www.epelectric.com/company/regulatory/2020-2021-new-mexico-integrated-resource-plan-public-meetings>

While not final as of the date of this report,⁵ the following IRP summary and description is provided for purposes of this Renewable Study. The IRP develops an integrated resource portfolio to safely, reliably, and cost-effectively meet the energy needs of EPE customers for the next twenty years. This requirement to balance safety, reliability, and cost is in line with the Public Utility Commission of Texas's practice of requiring utilities to select the lowest cost portfolio that is safe and reliable. Although solely required by New Mexico, the IRP addresses both EPE's New Mexico and Texas jurisdictional resource needs. Within the IRP study, various types of utility-scale renewable resource technologies are considered along with the integration of such resources with conventional, nonrenewable energy resources to create an optimal portfolio for EPE customers. Resource options modeled in the 2021 IRP include the following utility-scale resources: solar photovoltaic, wind, battery storage, conventional gas generation,⁶ biomass, geothermal, and DSM. For renewable resources and battery storage, EPE utilized the National Renewable Energy Laboratory ("NREL")⁷ cost decline projections to more accurately incorporate the effects of those cost declines in resource selections. The resulting resource type additions for future years are shown in Table 2.

⁴ At this time, Texas does not have a requirement that a utility publish its IRP.

⁵ EPE's IRP is set to be finalized on September 16, 2021.

⁶ The conventional gas resources modeled are assumed to be hydrogen fuel capable and thus may be converted to have a zero-carbon output.

⁷ NREL is a federally funded research and development center sponsored by the Department of Energy that specializes in the research and development of renewable energy, sustainable transportation, energy efficiency, and the integration and optimization of energy systems.

Table 2. Total System Least Cost Portfolio Incremental Resource Additions (MW)

Resource Category	2025	2027	2031	2035	2040	2045
Battery	127		311	540	101	197
Gas_New	-	-	-	202	189	157
Gas_5-Yr Extension	74	313	-	-	-	-
Nuclear	-	-	-	-	-	-
Solar	236	-	202	482	101	531
Wind	102	-	-	-	-	95

Due to continued technological advancements and cost declines for renewables and battery storage, a considerable amount of renewables and battery storage was selected by the capacity expansion model. The capacity expansion model is used to evaluate and select the least-cost portfolio of electricity generators, transmission, and storage needed to reliably serve load over the planning period. The selected resource additions result in the optimal cost-effective resource portfolio. The battery storage and conventional gas generation resources compliment the intermittent solar resources. Further, it's important to note that the actual resource additions in the future will be determined by the results of competitive requests for proposals and may differ based on future changes to forecasted loads, economic conditions, technological advances, and environmental and regulatory standards. The resulting installed capacity by resource type, existing plus new resources, is shown in Table 3.

Table 3. Installed Existing Plus New Resource Capacity (MW)

Resource Category	2025	2027	2031	2035	2040	2045
Battery	177	177	488	1,029	1,129	1,277
BTM Solar ⁸	80	108	166	221	289	368
DR ⁹	56	61	71	81	93	93
Gas	1,531	1,531	1,395	1,136	1,325	1,482
Nuclear	622	622	622	622	622	622
Solar	621	621	823	1,235	1,309	1,561
Wind	102	102	102	102	102	197

⁸ BTM Solar is behind the meter solar, meaning that BTM Solar is produced behind a customer's meter (e.g., roof-top solar).

⁹ DR means demand response, which are programs that ask consumers to lower their energy use during peak hours or events that limit the system's overall capacity. Examples of such programs include utility control of refrigerated air conditioning thermostats to manage loading during peak hours.

The full IRP report referenced earlier provides the full details of modeling methodologies, inputs, sensitivity scenarios, and modeling results.

III. City of El Paso Renewable Study

EPE expanded the IRP analysis to include considerations for portfolios that provided higher renewable energy integration and a higher carbon-free energy mix for the Renewable Study. This was accomplished by imposing carbon-free energy mix requirements in the modeling, which naturally resulted in a higher integration of renewable energy. The Renewable Study also considered resource portfolio scenarios that included 100% carbon-free energy by the year 2040. The goal of increasing renewable integration, however, is limited by two technical constraints on EPE's system: 1) transmission grid stability needs, which requires the use of dispatchable combustion generation for the last 10-15% of energy mix, potentially in the form of non-carbon hydrogen fuel in the future and 2) EPE's existing carbon-free energy from the Palo Verde Nuclear Generating Station that currently provides approximately 45 to 50% of our customers' energy needs. Factoring in all this, the Renewable Study produced a maximum renewable energy resource mix of approximately 50 to 60% by 2040.

IV. Transmission Constraints

Transmission considerations are an essential part of the task of identifying a cost-effective resource portfolio in the IRP. This is also true for the Renewable Study in assessing grid reliability at higher levels of variable energy resources such as renewables.

First, it is important to identify the potential for EPE to import resources that are capable of reaching EPE's load. For example, as shown in Figure 1, available wind and geothermal resources are located in specific geographical areas that are not within the central load pocket of EPE's service area. Figure 2 shows EPE's local and peripheral load pocket areas. As such, to truly analyze the costs associated with these resources, transmission upgrade costs between the resource locations and EPE's load pockets were added to the costs associated with those resource options.

Solar is different, in that EPE identified a significant amount of potentially available solar capacity near the fringes of where the bulk of EPE's load resides on its system. Anticipated solar facilities of the size being considered as potentially available for future portfolios are expected to be located on the periphery of EPE's Las Cruces and El Paso load pockets. This can clearly be seen when comparing the available solar resources in Figure 1 with the periphery of EPE's Las Cruces and El Paso load pockets in Figure 2. With respect to battery storage as well as gas generation resources, these resources are potentially available in close proximity to EPE's load. They tend to require less land and may be more readily sited closer to load, resulting (depending on the size of the project and its location) in minimal to no additional transmission costs.

A map of the El Paso region, New Mexico, and Ciudad Juárez, Mexico. The map shows major highways (Interstates 10, 2, 70, 54, 62, 180, and State Routes 70, 54, 62, 180) and geographical features like the White Sands Missile Range and Lincoln National Forest. Two areas are highlighted with colored ovals: a green oval labeled 'Central Load Pocket' and a red oval labeled 'Peripheral to Local System'. The green oval is centered on Las Cruces, and the red oval is centered on El Paso and Ciudad Juárez. A legend at the bottom identifies these two areas.

El Paso Electric Company
2021 City of El Paso Renewable Study

Figure 2 - EPE Renewable Resource Geographical Locations



Second, it is important to consider the impact on the electrical system reliability from the increased utilization of renewable and storage resource options instead of conventional, natural gas fired generation. EPE evaluated and identified for study years 2030 and 2038 the system reliability impacts on EPE's service territory that will result from increased integration of renewable resources on EPE's system. Increased renewable generation was assumed to partially replace existing EPE-owned conventional gas generation as a percentage of EPE's overall resource mix. The assessment included various generation dispatch scenarios that minimized the dispatch of natural gas resources to identify reliability issues. EPE also conducted a short circuit ratio analysis¹¹ to identify the potential that breakers would exceed their operational limits as a result of the displacement of gas generation by the increased integration of renewable resources and battery storage options on EPE's system. The analyses considered a range of potential situations to test whether the greater reliance on intermittent renewable resources and battery storage had impacts

¹¹ A short circuit ratio analysis is performed to assess a bulk electric system's ability to withstand a fault and maintain stability without voltage collapse. Conventional generation provides inertia to withstand and mitigate fault impacts. Inverter based technologies do not provide the same characteristics of inertia.

on the reliability of EPE's system. In electrical engineering terms, the analyses included steady state, transient stability, and reactive margin (V-Q) analyses to identify potential reliability criteria violations for pre- and post-contingency conditions. These studies simulate major and minor system disturbances to analyze the response of the power system under high levels of renewable resource integration.

EPE's evaluation indicated that the incorporation of the planned amount of renewable and battery storage could be accomplished, but they would not be without some reliability concerns. EPE would have to install additional electrical facilities to remedy stability issues in study year 2030 and additional facilities in the 2038 timeframe for increased renewable integration. The current analysis also indicated that while in 2038 these additional facilities would comply with reliability standard requirements, they may result in additional load-shedding events in order to maintain system stability during contingencies. Consequently, EPE intends to closely monitor the evolution of the Western Interconnection and continue to evaluate how to best maintain system reliability. The 2038 case analyzed for transmission stability was comparable to an 80% carbon-free scenario. The following is a more detailed discussion of what this evaluation entailed:

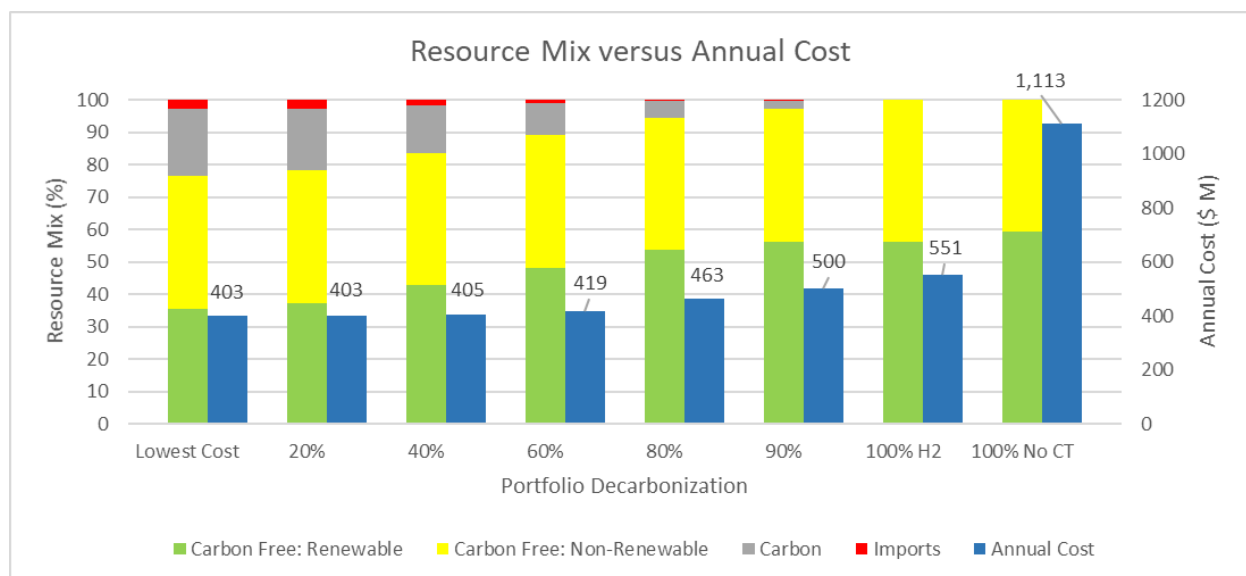
- Voltage stability was an issue. Voltage exceedances occurred on the higher voltage transmission lines in EPE's service territory in study year 2030 as well as in study year 2038. It is likely that reactive support devices, such as static VAR compensators (SVCs), static compensators (STATCOMs), synchronous condensers, and/or additional local generation could address this issue in study year 2030. Such measures, alone, are not expected to be able to fully remedy this issue in study year 2038.
- EPE's load is likely to experience greater load shedding during multiple contingencies. This is especially true for study year 2038. With the reduction in conventional, natural gas generation (and a corresponding increase in renewable generation), there is a reduction in the level of dynamic voltage support that conventional generation would have provided. With less dynamic voltage support available, the risk of system instability increases. Load shedding is a way to mitigate the risk of system instability. While most of EPE's area can accommodate significant inverter-based resources for the 2038 study year (relying on activation of EPE's Under Voltage Load Shed program when necessary to maintain reliability when dynamic voltage support is insufficient), investment in transmission infrastructure may be necessary to mitigate this reliability risk on a long-term basis so that the EPE system can accommodate the projected growth in its load without substantial increases in the frequency and scope of load shedding events. The type and scope of effective mitigation in the form of transmission infrastructure will be dependent in part to the Western Interconnection's evolution. EPE's preliminary analysis was based on the Western Interconnection's current system and showed a system encroaching on threshold limitations for reliability due to short circuit. It is recommended that an assessment be

performed every three years to capture the Western Interconnection’s system transformation from gas and coal units to inverter-based generation, and the impact this will have on inertia and short circuit. The reduction in conventional generation will certainly impact EPE’s short circuit capability beyond 2030, thus requiring continued evaluation.

V. Customer Affordability

The cost impact and customer affordability for greater renewable energy integration was also assessed by the technical study. The relationship between renewable energy integration and cost in year 2040 is shown in Figure 3. As can be seen in Figure 3, the annual cost increases as more clean energy is added, with significant increases when clean energy makes up 80% or greater of the portfolio.

Figure 3 - Renewable Energy Integration and Cost for Study Year 2040



EPE’s current carbon footprint and its share of carbon-free nuclear energy position the Company to attain a high carbon-free energy mix by 2040. For example, it is noted that the 40% decarbonization scenario results in a resource mix that is greater than 80% of the energy mix (denoted by the sum of the yellow and green bars). This results in the renewable energy mix to be between 40 to 45% (green bar) while showing a projected modest cost increase (blue bars) of \$405 million annually versus \$403 million from the least cost portfolio.

The cost increase trend for greater decarbonization and renewable integration can be seen with the relatively gradual cost increase through the 80% decarbonization as denoted by the blue bars. A

greater cost increase is noted for the last 10% of decarbonization in order to be 100% carbon-free. Additionally, cost impacts for various options for attaining 100% carbon-free are also shared. Specifically, it is noted that if pursuing 100% carbon-free with only renewables and battery storage, annual costs may double over the least cost scenario. However, EPE remains optimistic that continued technology improvements will produce lower costs into the future.

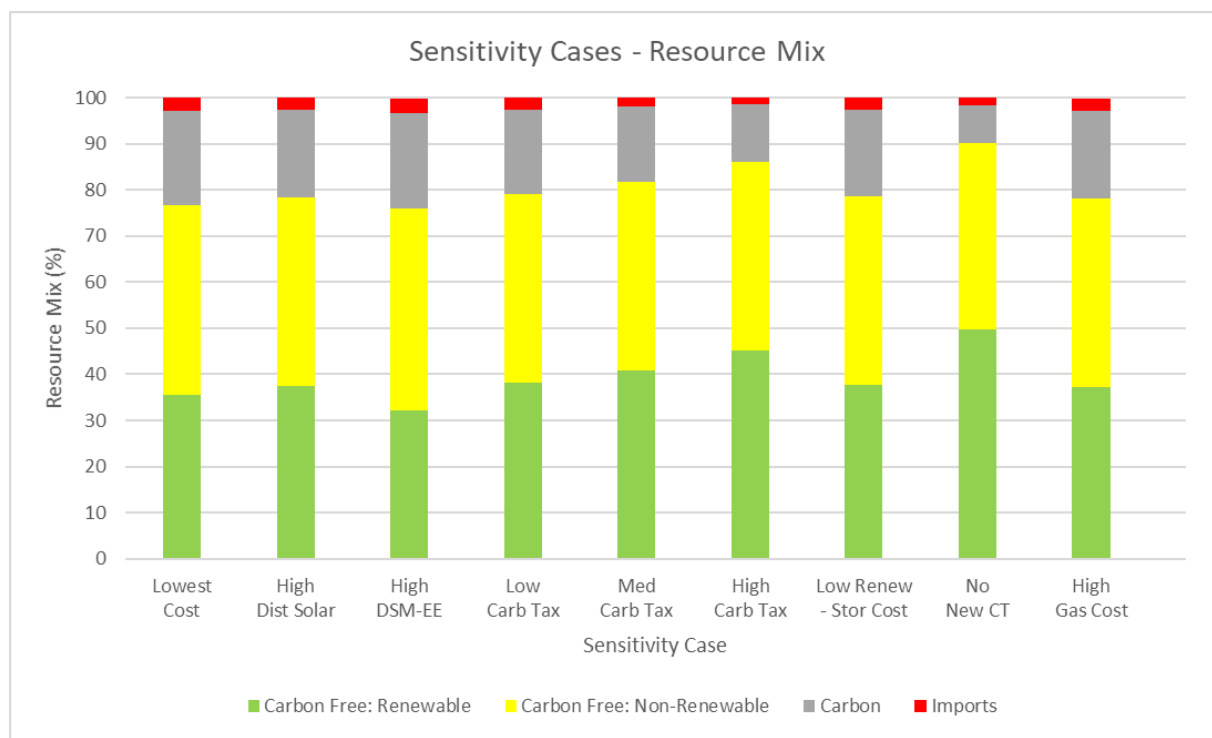
VI. Modeling Sensitivities

EPE also modeled sensitivities for various costs and inputs to assess impacts to renewable integration. EPE modeled the following sensitivities:

- High adoption for distributed solar (High Dist Solar): This analysis considered the effect of a greater amount of customers adopting distributed solar resources.
- High adoption for demand response and energy efficiency (High DSM-EE): This analysis considered the effect of reduced customer demand via DSM programs and energy efficiency options.
- Carbon tax – three levels (Low Carb Tax, Med Carb Tax, High Carb Tax): These analyses considered the impacts to resource selection if there were an additional carbon tax imposed on gas generation.
- Greater cost declines for renewables and storage (Low Renew - Stor Cost): This analysis considered the impacts of renewables and battery storage experiencing cost declines below NREL’s projected declines.
- High gas fuel cost (High Gas Cost): This final analysis considered the impacts of higher costs for natural gas fuel.

The resulting resource mix for each sensitivity analysis is illustrated in Figure 4. It is noted that none of the sensitivities have a significant impact on the 2040 resource mix. This is related to the reliability component of the analysis that looks to ensure sufficient resources are available to meet the energy needs and results in the need of firm dispatchable resources. As previously mentioned, future technology advancements will be necessary for that final 10% of decarbonization. As the IRP process is re-visited and updated every three years, EPE will adjust its portfolio mix and or cost curves utilized to develop its analysis to reflect the most current price curves.

Figure 4 - Sensitivity Resource Mix for Study Year 2040



VII. 80% Clean Energy by 2035 Goal and Pursue 100% Decarbonization of EPE's Generation Portfolio by 2045¹²

EPE conducted a comprehensive analysis for balancing reliable electric service, customer affordability, and EPE's carbon footprint. The Company took into consideration transmission reliability requirements given known technology, the estimated cost impacts of greater renewable energy integration, and expected continued technology evolution trajectories for carbon free resource options.

EPE intends to serve our community's power needs with at least 80% carbon-free energy by 2035 with a continued pursuit of 100% decarbonization of our generation portfolio by 2045 as expected technological advancements in performance and costs continue to evolve. EPE expects to meet this goal through the continued deployment of solar and other renewable resources coupled with storage over the coming years, along with our existing carbon-free nuclear generation. EPE is confident that the pathway to 80% carbon-free energy is attainable in a manner that is reliable and

¹² Scope 1 Emissions

affordable for all its customers and looks forward to leading this energy transformation with the community.

EPE is optimistic that the ongoing technology evolution will ultimately lead to even deeper decarbonization of its generation portfolio, beyond the 80% clean energy milestone. EPE will continue to evaluate alternative energy technologies, fuels, and efficiency strategies to identify progressively cleaner ways to serve the region and EPE's customers reliably and affordably. EPE is encouraged by federal and state clean energy initiatives and supportive of proposals that will accelerate technology development to make even more ambitious targets economically viable for the region.

VIII. Legislative and Regulatory Changes

At this time, EPE has not identified any legislative or regulatory changes that are needed to facilitate the increased incorporation of renewables and battery storage. One notable statutory requirement in some states that EPE believes is unnecessary in Texas is mandatory renewable energy requirements, as often addressed through the setting of Renewable Portfolio Standards. Based on the analysis EPE performed in the IRP and supporting the Renewable Study, the Company concludes that a legislative effort in this regard is unnecessary. Given the technological advances and decreasing costs with regard to renewable energy and battery storage, these resources have become more available under the current statutory and regulatory structure. As such, EPE is confident that it will meet its goal of 80% carbon-free resources by 2035 and will be able to pursue its ultimate goal of being 100% carbon-free by 2040.

IX. Voluntary Green Offering Programs

From its analysis, EPE has identified two program offerings, which EPE believes present a substantial opportunity for renewable resources for customers within the City of El Paso and that will increase access to renewable resources for its low-income customers.

Texas Community Solar

EPE currently has a voluntary Community Solar program that supplies participating customers from 5 MW of existing solar generation. The community solar program is fully subscribed with approximately 2,500 customers signed up.

There continues to be interest by customers in participating in community solar, and EPE is maintaining a waiting list in anticipation of expanding the program. The program offers an opportunity for customer to increase the amount of renewable energy they consume without the cost of installing roof-top solar. The program also offers a renewable opportunity to low-income customers or those customers that do not own their home

Based on the success of community solar EPE is planning to expand the capacity of renewable generation systems supplying the program to provide more customers the opportunity to participate and receive a larger portion of their energy from renewable resources.

EPE and the City are also currently evaluating a dedicated renewable facility to be located at the El Paso International Airport which could simultaneously supply renewable energy to offset airport load and provide renewable energy for an expanded Community Solar program.

Dedicated Solar Plus Program

EPE is actively developing a voluntary green offering for educational, non-military governmental, large commercial, and industrial customers. Participating customers will be able to voluntarily subscribe to a defined capacity at a fixed rate for the renewable energy output from a dedicated solar facility. Dedicated facilities would be in the approximate range of 10-40 MW capacity, which provides customers the cost benefits of large, utility scale solar. Participating customers will be able to aggregate load from multiple accounts, and the renewable energy provided by a customers' subscription offsets energy otherwise produced with EPE's system generation resources.

The Texas Community Solar program, offered to residential and small commercial customers, provides for no limit or penalty for customers leaving the program and no minimum participation period is required. Because of size and cost of the facilities serving the DSPP, EPE intends to require a long-term commitment from customers to subscribe and take service for some portion of the life of the facilities (10- to 25-year contracts).

EPE plans to move forward with filing for approval of the Dedicated Solar Plus Program with the Public Utility Commission when feasible solar generation facilities needed to supply the program are identified. The Company is also communicating with potential subscribers interested in committing to the program.

X. Grant Opportunities

EPE actively monitors the opportunities for potential grants which may facilitate additional renewable resources. In 2020, EPE identified and applied for a grant offering for battery storage and is awaiting a decision on the application.

Additionally, EPE will closely monitor the development of grant opportunities that are included in the INVEST in America Act¹³ that was recently approved by the Senate. The act provides the ability for utilities to offset costs related to smart grid functions to include advanced transmission

¹³ H.R. 3684, Investing in a New Vision for the Environment and Surface Transportation in America Act (INVEST in America Act).

technologies, technology necessary to facilitate the aggregation or integration of distributed energy resources, and to facilitate the integration of energy storage and renewable energy resources into the grid. Additionally, the Company will review opportunities within the bill surrounding hydrogen, storage technology, and energy efficiency. The bill also presents opportunities to partner with public schools other not-for-profits regarding energy efficiency and renewable energy improvements. EPE will also investigate potential grants with El Paso Water regarding energy efficiency and renewable energy projects related to drinking water, stormwater, and wastewater.

XI. Conclusion

The City of El Paso Renewable Study provides a thorough analysis of the potential for renewable integration through 2045. Through this study, EPE has determined that it can meet a goal of 80% carbon-free generating resources by 2035 with a commitment to become 100% carbon-free by 2045. EPE in pursuing this ambitious but attainable goal will continue to balance our community's ever-growing and transforming energy needs while maintaining customer affordability and reliability. The Company intends to achieve that goal not only through innovative renewable energy programs but seeking grant opportunities within the INVEST in America Act and the continued anticipated decline in costs in renewable technology. This study, however, is the first step along the Company's path toward working with the communities we serve to transform our energy future to a cleaner and sustainable one.



Legislation Text

File #: 21-1028, Version: 1

**CITY OF EL PASO, TEXAS
LEGISTAR AGENDA ITEM SUMMARY FORM**

DISTRICT, DEPARTMENT, CONTACT INFORMATION:

Please choose District and Department from drop down menu. Please post exactly as example below.

No Title's, No emails. Please use ARIAL 10 Font.

All Districts

Aviation, Sam Rodriguez, (915) 212-7301

Veteran and Military Affairs, Paul Albright, (915) 212-1654

AGENDA LANGUAGE:

This is the language that will be posted to the agenda. Please use ARIAL 11 Font.

Discussion with the Veterans and Military Affairs Cross Functional Team to update Council on the status of Veteran and Military programs, policies, and initiatives that directly affect the El Paso Veteran and Military community.

**CITY OF EL PASO, TEXAS
AGENDA ITEM
DEPARTMENT HEAD'S SUMMARY FORM**

DEPARTMENT: El Paso International Airport/ Veteran and Military Affairs

AGENDA DATE: August 30, 2021

CONTACT PERSON NAME AND PHONE NUMBER: Sam Rodriguez, Director of Aviation, 212-7301, RodriguezS3@elpasotexas.gov. Paul Albright, 212-1654, albrightPD@elpasotexas.gov.

DISTRICT(S) AFFECTED: Citywide

CITY STRATEGIC GOAL: #8 Nature and Promote a Healthy, Sustainable Community

SUBJECT: Discussion with the Veterans and Military Affairs Cross Functional Team to update council on the status of Veteran and Military programs, policies, and initiatives that directly affect the El Paso Veteran and Military community.

BACKGROUND / DISCUSSION: The Chief Military Officer along with selected members of City Staff representing Human Resources, Community and Human Development, the Public Information Office, and Economic Development are working to incorporate initiatives, program and policy changes recommended by the Veteran and Military Community and the Veterans Affairs Advisory Committee. Projects, Policies and Incentives in the areas of Homelessness, Employment, Military Transformation, Regional Economic Development and Marketing / Outreach is the focus of the cross functional team. The Team will discuss current programs and efforts to support the Veteran and Military community, efforts to minimize Veteran Homelessness, show efforts made by the City Human Resources department to recruit Veterans for Employment as well as discussion to show efforts to maintain a low Veteran unemployment rate. The team will present efforts taken to reach out to the community and connect Veterans through marketing and outreach.

PRIOR COUNCIL ACTION: On June 8th 2020 and March 1st 2021, City Council directed City Staff to support the VAAC by implementing the following actions:

1. To add a Veteran Employment Preference Program that will focus on a Veteran interview rate of 20%.
2. To align specific City job descriptions with Military Occupational Specialty Codes.
3. To add verbiage to City job descriptions allowing for minimum qualifications standards over mandatory for specified job descriptions.
4. Achieve a 15% Veteran City Employee Workforce by 2025.
5. Fund a Veterans Permanent Supportive Housing Plan.

August 2020 Council voted unanimously to fund the Veterans PSH program

AMOUNT AND SOURCE OF FUNDING:

N/A

BOARD / COMMISSION ACTION: In May 2020, The VAAC presented a new Permanent Supportive Housing Program to aid our Homeless Veteran population created by the Chief Military Officer, the Coalition for the Homeless and the Department of Veteran Affairs. The VAAC Presented to council in June 2020 for Council to support and fund the program.

*****REQUIRED AUTHORIZATION*****

DEPARTMENT HEAD:

A handwritten signature in black ink, appearing to read "Sam Rodriguez", is written over a horizontal line.

Sam Rodriguez, Aviation Director



Legislation Text

File #: 21-1012, **Version:** 1

**CITY OF EL PASO, TEXAS
LEGISTAR AGENDA ITEM SUMMARY FORM**

DISTRICT, DEPARTMENT, CONTACT INFORMATION:

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City Attorney's Office, Karla M. Nieman, (915) 212-0033

City Attorney's Office, Manuel Arambula, (915) 212-0033

AGENDA LANGUAGE:

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City of El Paso v. Gregg Abbott (COVID-19 Mask Mandate) Trial Court -- Matter No. 21-1001-305, Cause No. 2021DCV2805; Appellate Court - Matter No. 21-1001-205.001, 8th Court of Appeals Cause No. 08-20-00226. (551.071)



El Paso, TX

300 N. Campbell
El Paso, TX

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File #: 21-1013, **Version:** 1

CITY OF EL PASO, TEXAS LEGISTAR AGENDA ITEM SUMMARY FORM

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City Attorney's Office, Karla M. Nieman, (915) 212-0033

City Attorney's Office, Kyle Lasley, (915) 212-0033

AGENDA LANGUAGE:

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Joanna Cangialosi et al v. City of El Paso. Matter No. 18-1026-9235, Cause No. 2018DCV0797 (551.071)



El Paso, TX

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El Paso, TX

Legislation Text

File #: 21-1014, **Version:** 1

CITY OF EL PASO, TEXAS LEGISTAR AGENDA ITEM SUMMARY FORM

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City Attorney's Office, Karla M. Nieman, (915) 212-0033

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EPWU, Texas v. New Mexico, Original No. 141. (551.071)



El Paso, TX

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File #: 21-1016, **Version:** 1

CITY OF EL PASO, TEXAS LEGISTAR AGENDA ITEM SUMMARY FORM

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City Attorney's Office, Karla M. Nieman, (915) 212-0033

City Attorney's Office, Manuel Arambula, (915) 212-0033

AGENDA LANGUAGE:

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Update on Application of El Paso Electric Company for Approval of Advanced Metering System (AMS) Public Utility Commission of Texas Docket No. 52040. Matter No. 21-1192-001 (551.071)



El Paso, TX

300 N. Campbell
El Paso, TX

Legislation Text

File #: 21-1018, **Version:** 1

CITY OF EL PASO, TEXAS LEGISTAR AGENDA ITEM SUMMARY FORM

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City Attorney's Office, Karla M. Nieman, (915) 212-0033

City Attorney's Office, Manuel Arambula, (915) 212-0033

AGENDA LANGUAGE:

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Update on Application of El Paso Electric Company to Change Rates, Public Utility Commission of Texas
Docket No. 52195. Matter No. 21-1008-174 (551.071)



Legislation Text

File #: 21-1019, **Version:** 1

**CITY OF EL PASO, TEXAS
LEGISTAR AGENDA ITEM SUMMARY FORM**

DISTRICT, DEPARTMENT, CONTACT INFORMATION:

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Capital Improvement Department, Sam Rodriguez, (915) 212-0065

City Attorney's Office, Karla M. Nieman, (915) 212-0033

AGENDA LANGUAGE:

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Discussion regarding the value and purchase/sale of real property located in the west side of the City of El Paso, Texas. Matter No. 21-1008-165 (551.071) (551.072)



El Paso, TX

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El Paso, TX

Legislation Text

File #: 21-1020, **Version:** 1

CITY OF EL PASO, TEXAS LEGISTAR AGENDA ITEM SUMMARY FORM

DISTRICT, DEPARTMENT, CONTACT INFORMATION:

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Economic and International Development, Jessica Herrera, (915) 212-0094

AGENDA LANGUAGE:

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Economic Incentives for a Manufacturing Company to be located in the City of El Paso. Matter No. 21-1007-2740 (551.071)(551.072)(551.087)