Waco MPO Policy Board Meeting

Thursday, September 19, 2024 1:30 P.M.



Access Meeting Materials on Your Device

Agenda, packet, and other materials available online

- 1. Scan QR code or visit link below
- 2. Select today's meeting on calendar
- 3. Scroll to bottom of pop-up window
- 4. Select "Tell me more about Policy Board"



https://www.waco-texas.com/Departments/Metropolitan-Planning-Organization/Meetings

Quorum Verification

 Chairperson Borderud and MPO staff will verify the attendance of MPO Policy Board members present to determine a quorum from sign-in protocol





- Call to Order
 - MPO Policy Board Meeting September 19, 2024
- Proof of Posting:
 - McLennan County Courthouse
 - September 12, 2024



Public Hearing

Addressing the Board

- Visitors may address the Policy Board regarding any agenda item
- Each speaker is allotted one 3-minute presentation regardless of the number of agenda items speaker wishes to address
- Non-English speakers and hearing-impaired requiring translators may have up to 6 minutes
- Persons representing a group may have up to 10 minutes
- In accordance with requirements identified in Section 551.007 of the Texas Government Code, the public is permitted to address the Policy Board regarding any action or discussion item identified on this agenda



Approval of Meeting Minutes

June 20, 2024











Agenda

Standards of Conduct/Election of Officers

SS4A Program

NEVI Planning

2050 MTP

Current Grants

MPO Redesignation

TAC Updates

TxDOT Updates

Work Group Updates, Monthly Report & Announcements







Standards of Conduct

Affirmation of MPO Policy Board Members



Standards of Conduct

- Texas MPOs required to incorporate certain standards of conduct into bylaws
 - Required for Voting Policy Board Members
 - Section 472.034 of Texas Transportation Code Amended June 19, 2009
- Waco MPO Policy Board Bylaws Amended 2009
 - Article II, Section 5 include required standards of conduct
 - Members affirm via Ethical Standards Affidavit upon appointment
- Change in Practice
 - Members affirm each fiscal year (Oct 1 Sep 30)
 - Federal Certification Review ready



Standards of Conduct

- Members shall not
 - Accept or solict any gift, favor or service that could influence member's official conduct
 - Engage in business or professional activities that would induce member to disclose confidential information acquired by reason of the official position
 - Accept compensation that could impair member's judgment in the performance of member's official duties
 - Make personal investments that could be expected to create a conflict of interest between member's private interest and public interest
 - Solicit or accept benefit for having exercised member's official powers or duties in favor of another



Preventing Conflicts of Interest

- •Any member with a substantial interest in either a business entity or real property must abstain from voting on any matter or discussing any matter that will have an economic effect on the business or the real value of the property that is distinguishable from the effect on the public
- Definitional of substantial interest in a business entity
 - Member owns >=10% of voting stock of shares of the business entity
 - Member owns >=10% or >=\$15,000 of fair market value of the business entity
 - Funds received from business entity exceed 10% of person's gross income
- Definition of substantial interest in real property
 - Member's interest in real property is an equitable or legal ownership with a fair market value of >=\$2,500



Policy Board Meeting Absences

- Waco MPO Policy Board Bylaws Article II, Section 4
 - Any voting member missing three (3) consecutive meetings will be removed from the Policy Board, and the represented entity will name a replacement









Election of Policy Board Officers

Fiscal Year 2025



Term of Office

- Policy Board officers serve one-year terms and may not succeed themselves in those offices more than once
- Term of office: Fiscal Year 2025
 - October 1, 2024 to September 30, 2025
- Chairman Borderud & Vice-Chair Thomas have served one term in their respective positions
- Policy Board members that have previously held the position of chair or vice-chair are eligible to serve again



Election of Policy Board Officers

- Policy Board Chair
 - Nominations From Floor
 - Election
- Policy Board Vice-Chair
 - Nominations From Floor
 - Election

Elections Conducted by Policy Board Chair





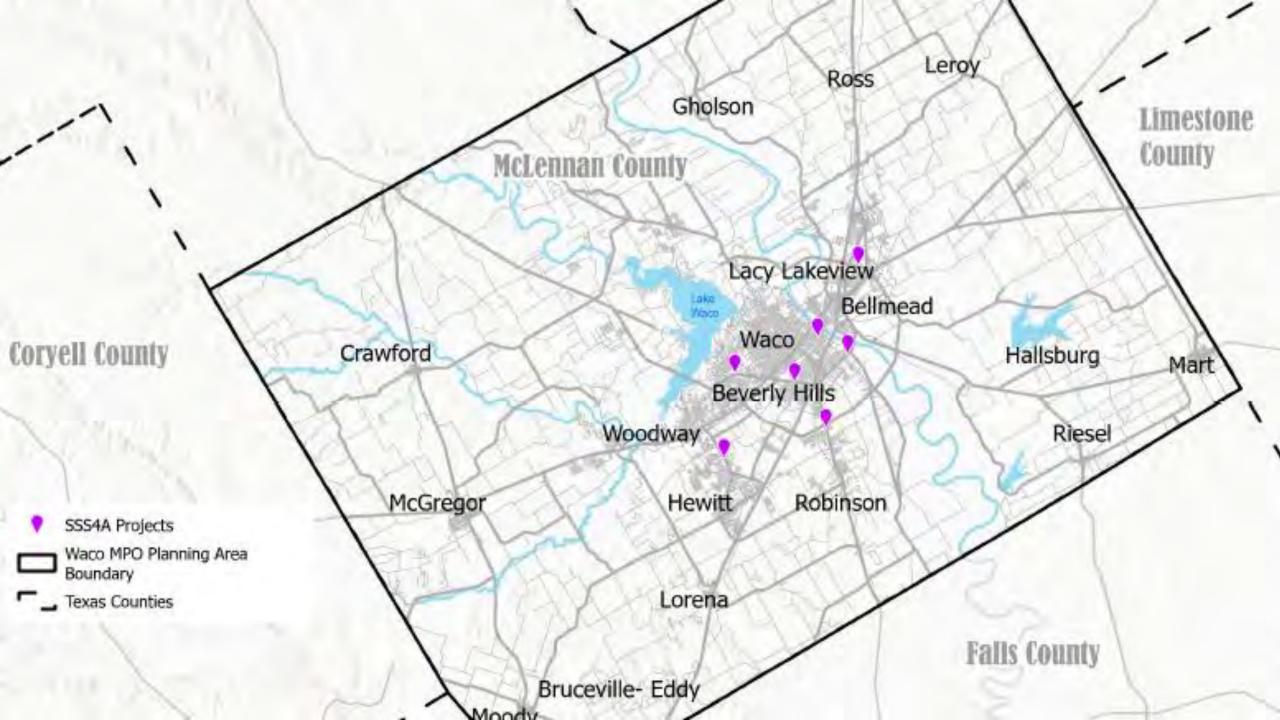






Safe Streets & Roads For All (SS4A) Program

Ratification of FY 2023 Grant Acceptance



Today's Action Item

- Public Hearing
- Discussion
- Options
 - Approve Resolution 2024-12
 - Ratification of FY 2023 SS4A grant acceptance and authorization of MPO Director to execute all related grant agreements
 - Modify Resolution 2024-12





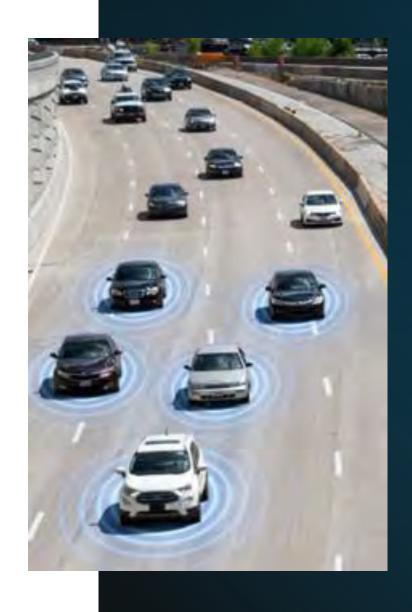


National Electric Vehicle Infrastructure Program

Recommendations for Texas EV Plan Phase II

National Electric Vehicle Infrastructure (NEVI) Program

- Established by Infrastructure Investment and Jobs Act (IIJA) in 2021
- Strategically deploy electric vehicle (EV) charging infrastructure
- \$5B Formula Program
 - States develop EV charging along Electric Alternative Fuel Corridors
- \$2.5B Competitive Grants
 - All alternative fuels
 - Private sector applicants



Texas EV Plan Overview

Texas EV Infrastructure Plan

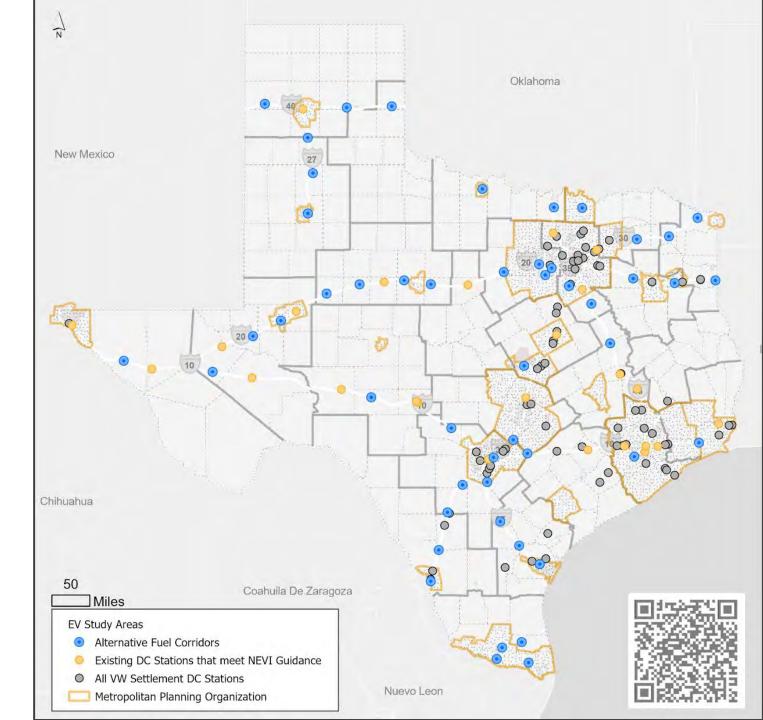
Approved by FHWA Sept 2022

Phase 1

- Alternative Fuel Corridors first
- 244 DC Fast Charger ports every 50 miles along Interstate Highways
- Network will support 1M + EVs

Phase 2

- 1,014 DC Fast Charger ports at or near County Seats
- DC and Level II chargers in urban areas (MPOs)
- Cover major travel routes



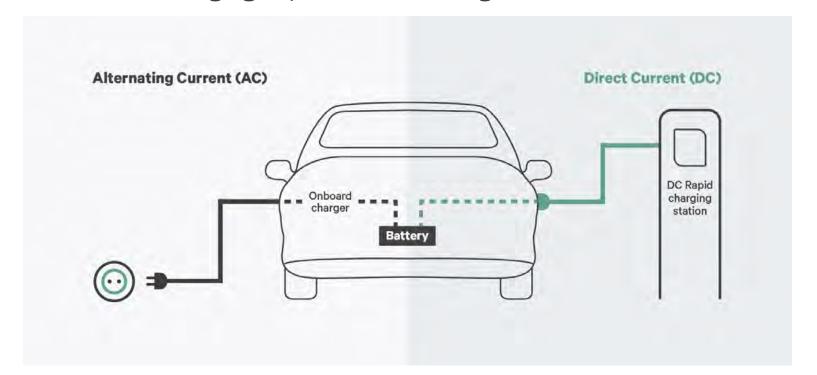
The Texas EV Plan includes two connectors per unit (NACS and CCS 1). The two-connector solution covers 98% of electric vehicles with fast charge ports in Texas

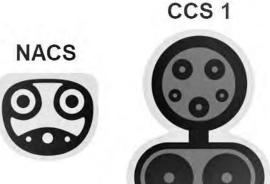
NACS – North American Charging Standard

AC Charging & DC fast charging capabilities (Tesla developed)

CCS 1 - Combined Charging System Standard

AC & DC charging capabilities in a single connector







Texas EV Plan Power Levels & Station Locations

Typical charging stations costs per port

• DCDC: \$150,000

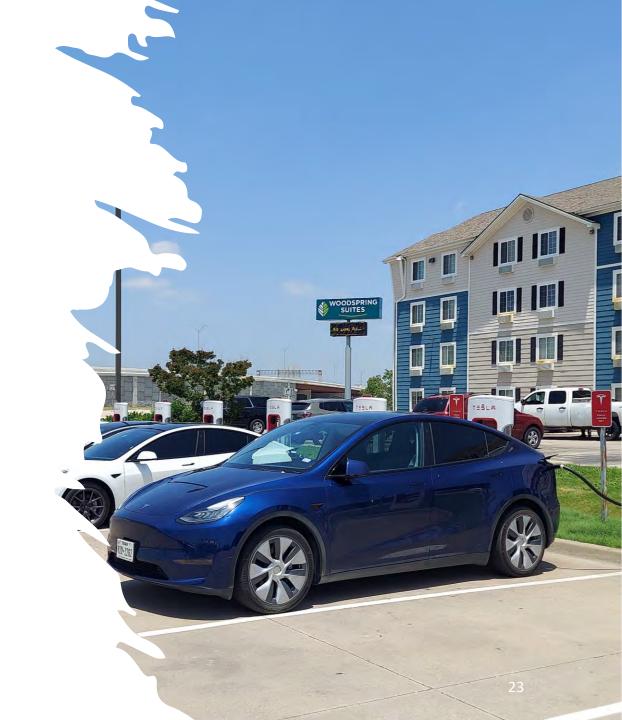
• Level II: \$7,500

On Alternative Fuel Corridors

 Stations within 1 mile of the corridors must have 4 DCFC ports rated at 150kW each before any Level II stations are allowed at that location.

Off Alternative Fuel Corridors

- Stations more than 1 mile from the corridors can be
 - Level II stations (at least 4 per site rated at 6 kW or greater per port).
 - DCFC stations (at least 4 per site but the power can be less than 150kW per port).



Texas EV Plan Phase 1 Implementation

Competitive Grant

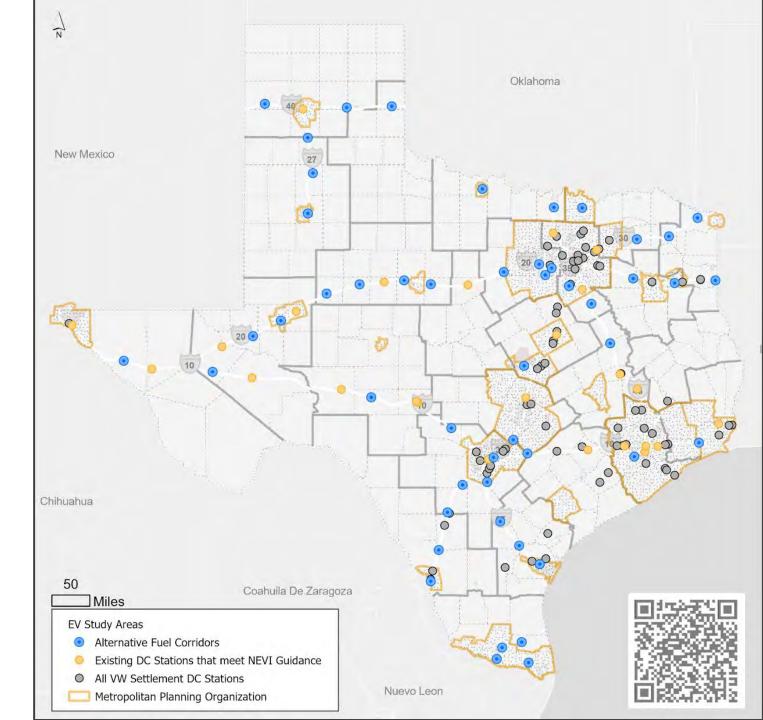
- Federal \$408M
- Private \$102M

Alternative Fuel Corridors

- 50 locations, 244 ports
- Min power per port 150kW
- Min 4 ports per location
- Theoretical peak estimated at 36MW if all ports are in use at the max rate at the same time

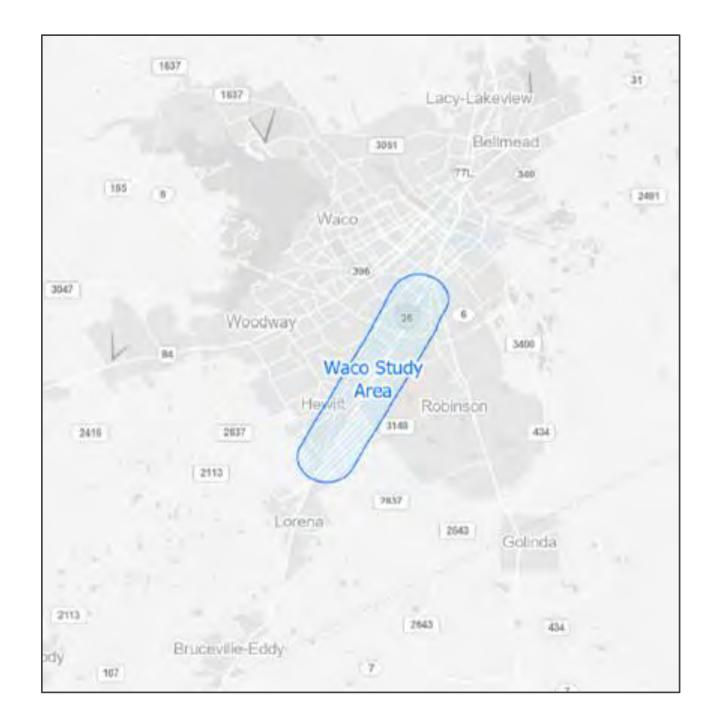
Round 1

Sites selected January 2024

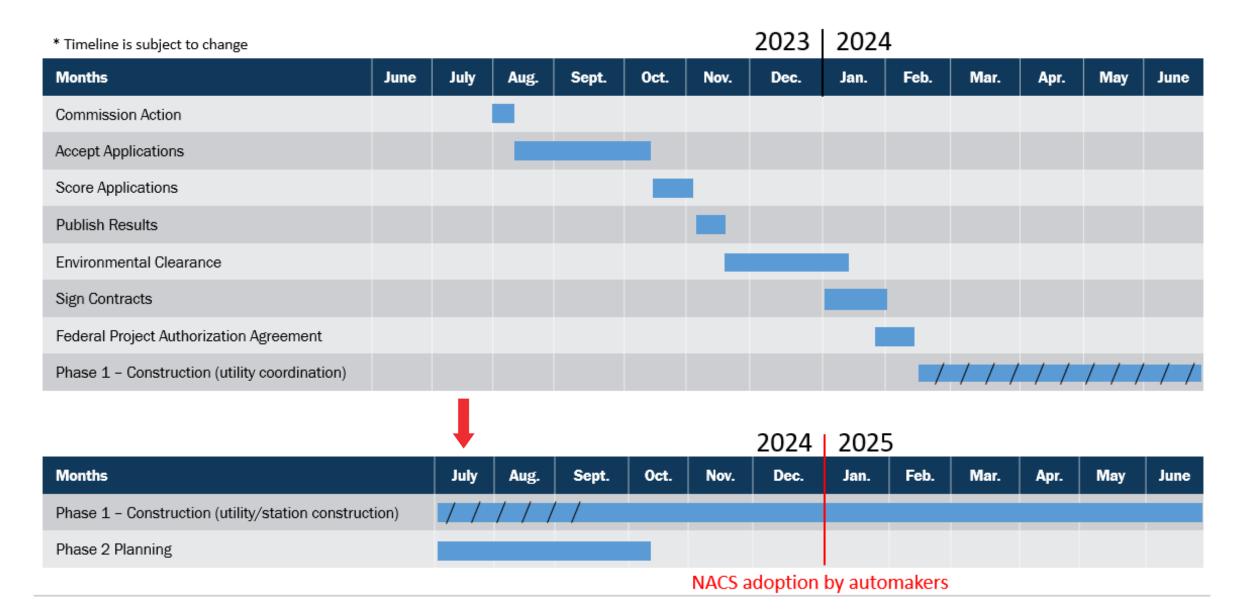


Texas EV Plan Phase 1 Implementation

- Competitive Grant Round 2
 - Alternative Fuel Corridors also
 - Focused study areas determined by TxDOT
 - Addresses guidance from Joint Office of Energy & Transportation
 - Pre-NEVI charging stations are not considered in TxDOT's build-out plans
 - Applications accepted beginning September 16, 2024



TXDOT EV Plan Schedule



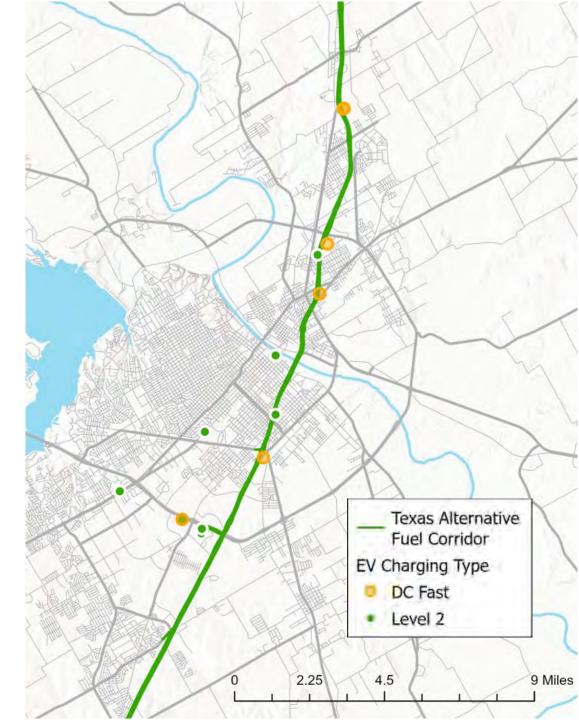
NEVI Phase 2 Program Overview

- Planning & building out density, distribution and power of EV network:
 - Rural counties
 - Small & large urban areas (MPOs)
 - Theoretical peak 667MW
 - Phased rollout (higher VMT locations first)
- MPOs influence placement decisions and power levels within MPO boundaries
- TxDOT will manage a competitive grant program on behalf of Texas MPOs
 - Private sector applicants
 - TxDOT will score and select applications



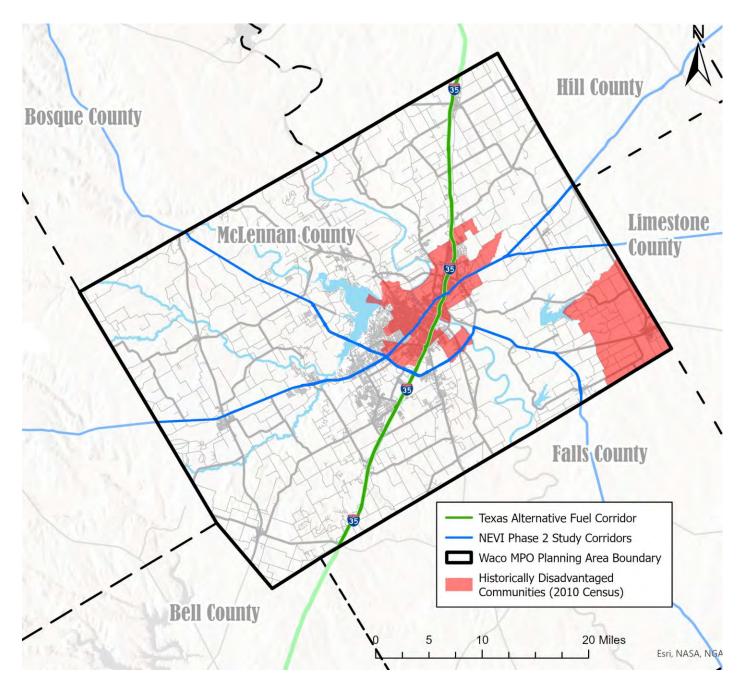
Phase 2 Planning Building Regional EV Network

- Waco MPO considerations for expanding EV charging network
 - Determine Desired Power Levels
 - Direct Current Fast Charge 150 kW or greater
 - Level II 6 kW or greater
 - Medium and Heavy-Duty 350 kW or greater
 - Establish Study Areas
 - Establish study areas for grant proposals
 - Public Involvement
 - Consider Disadvantaged Census Tracts



Recommendations from Waco MPO

- Study areas should be located along roadway segments of the following corridors
 - US 84
 - SH 6
 - SH 31
- Power level priority for charging stations
 - Direct Current Fast Charge 150 kW or greater (recommended)
 - Level II 6 kW or greater
- Policy Board action September



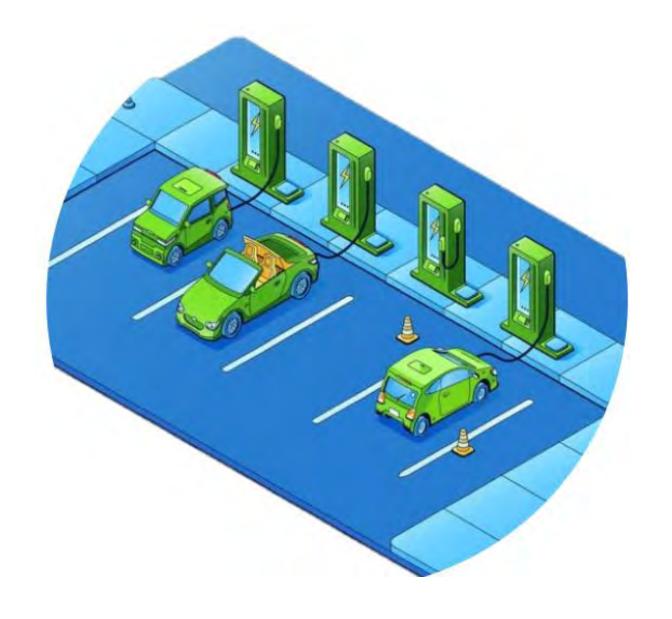
Phase 2 Planning Anticipated Funding

- Preliminary funding estimates for Waco MPO
 - Construction: \$1,846,634 (Federal + Private)
 - Operations and Maintenance: \$461,658
- Typical charging station costs per port
 - DCFC: \$150K
 - Level II: \$7.5K
- Potential for 3 locations containing 4 ports
 - Based on DCFC costs



NEVI Phase 2 Implementation Timeline

- Following Transportation Commission
 Phase 2 authorization
 - Open program for applications 6 weeks
 - Scoring and selection 4 weeks
 - Publish results 2 weeks
 - Environmental clearance 4 weeks
 - Add projects to TIP variable
 - Sign recipient agreements 3 weeks
 - FPAA 1 week
 - Project length 6 12 months
 - Actual construction 2 4 weeks





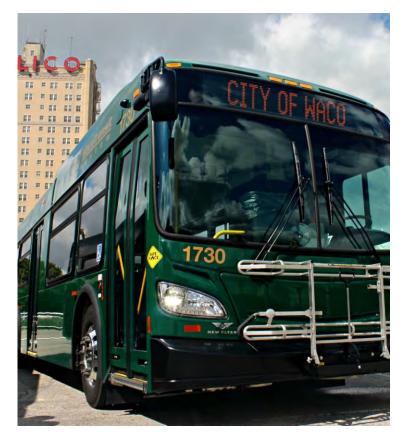
TXDOT NEVI Planning Public Engagement Schedule

- Connected and Automated Vehicle Work Group Discussion, Review, & Recommendation – July 17, 2024
- TAC Review / Recommendation September 5, 2024
 - Recommendation to Approve Resolution 2024-13: Waco MPO Policy Board recommendations regarding study locations and charging station power levels for TxDOT NEVI planning
- Public Hearing / Policy Board Action September 19, 2024

Today's Action Item

- Public Hearing
- Discussion
- Options
 - Approve Resolution 2024-13
 - Waco MPO Policy Board recommendations regarding study locations and charging station power levels for TxDOT NEVI planning
 - Modify Resolution 2024-13



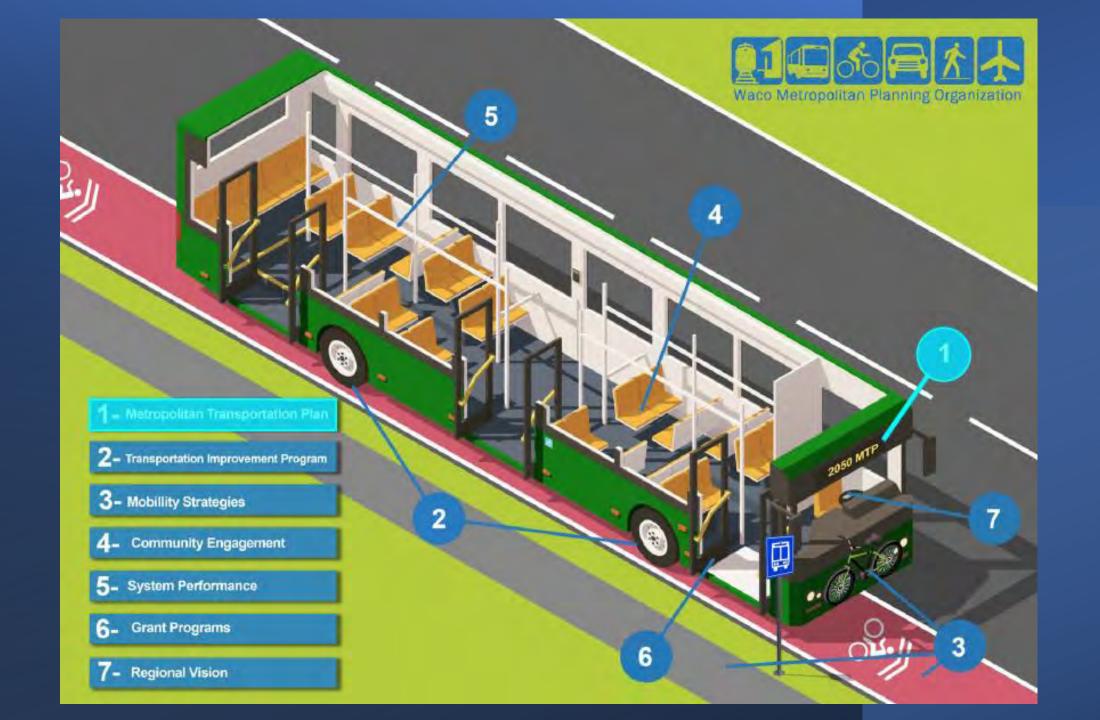


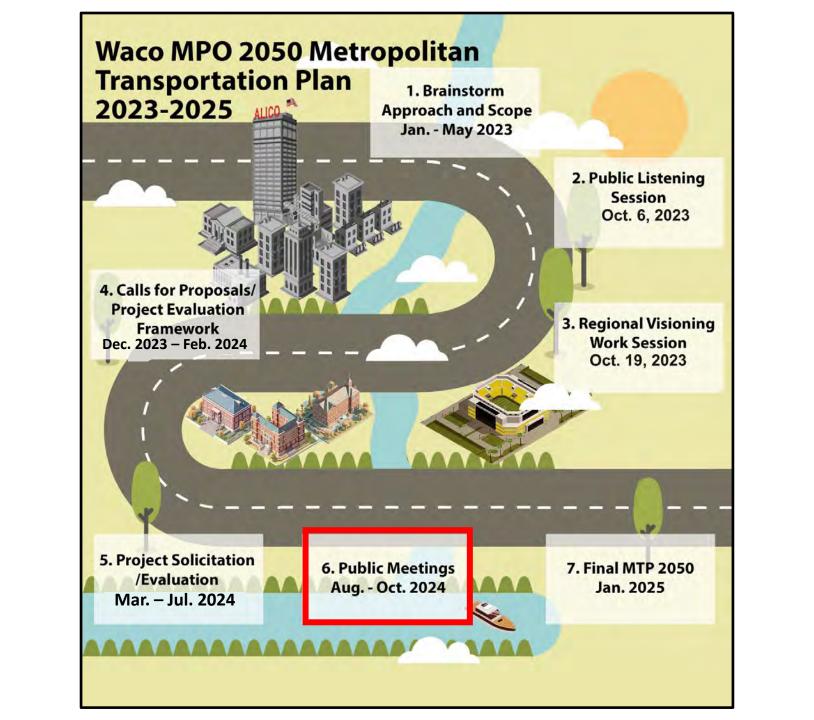




Metropolitan Transportation Plan (MTP)

2050 Plan Development and Project Prioritization

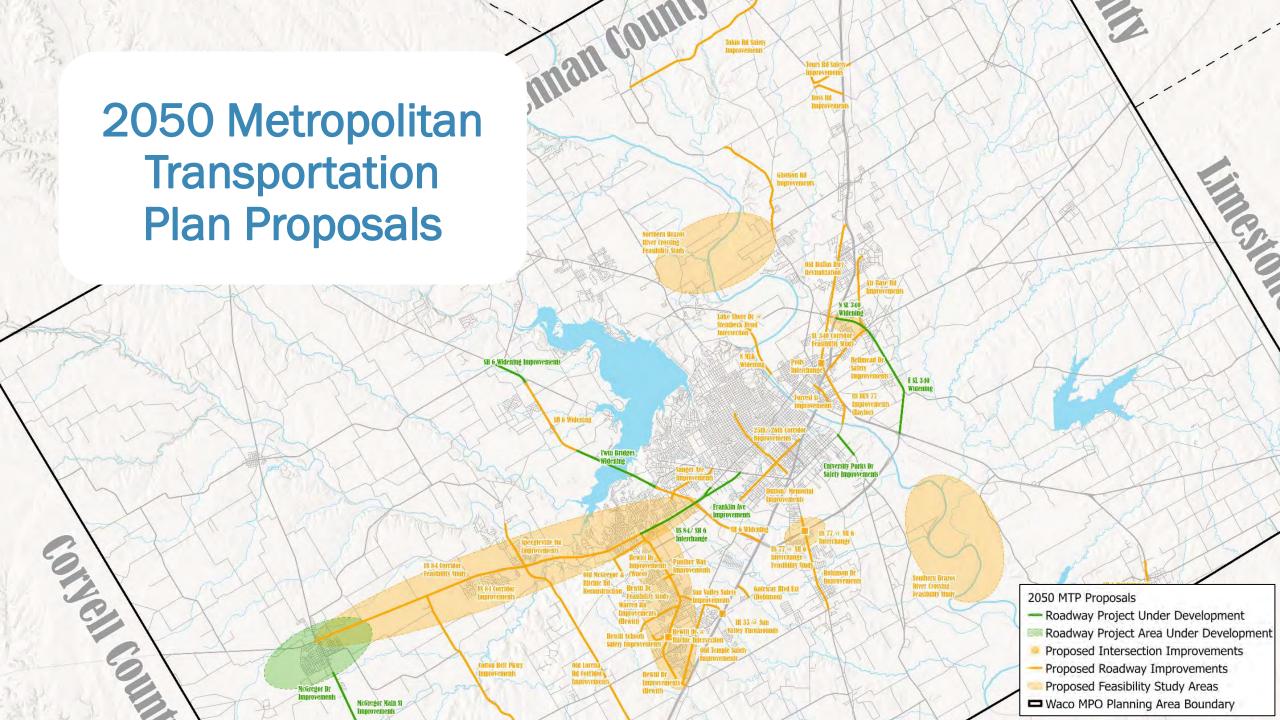




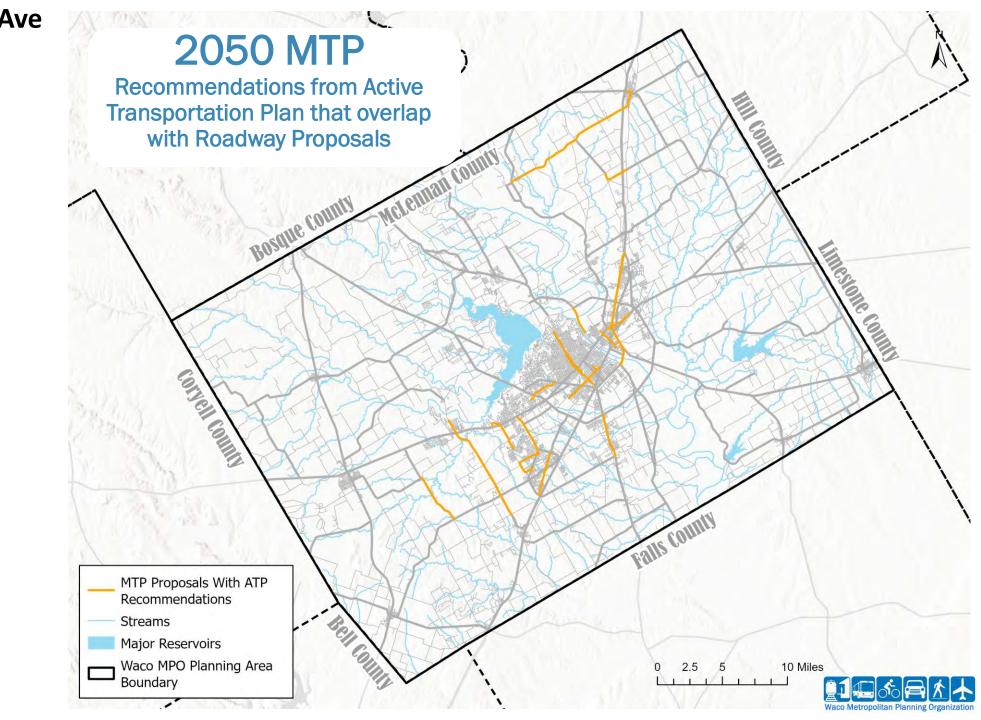
MTP Proposal Prioritization

- Call for Proposals yielded 41 submissions
 - Highway projects, public transit projects, local regionally-significant roadway projects, feasibility studies
 - 11 existing projects carried over from 2045 MTP
- MTP Proposal Evaluation Team met twice
 - Evaluated all proposals using framework to create prioritized list





Dutton Ave/Memorial Ave 25th St/26th St Speegleville Rd **Hewitt Dr Old Temple Rd Sanger Ave** Old Lorena Rd **Cotton Belt Pkwy Ritchie Rd** Warren Rd **Robinson Dr** US 77 (Baylor) **New Dallas Hwy Bellmead Dr Forrest St** N MLK Jr. Blvd **Tokio Rd Tours Rd**



Next Steps - Proposal Prioritization

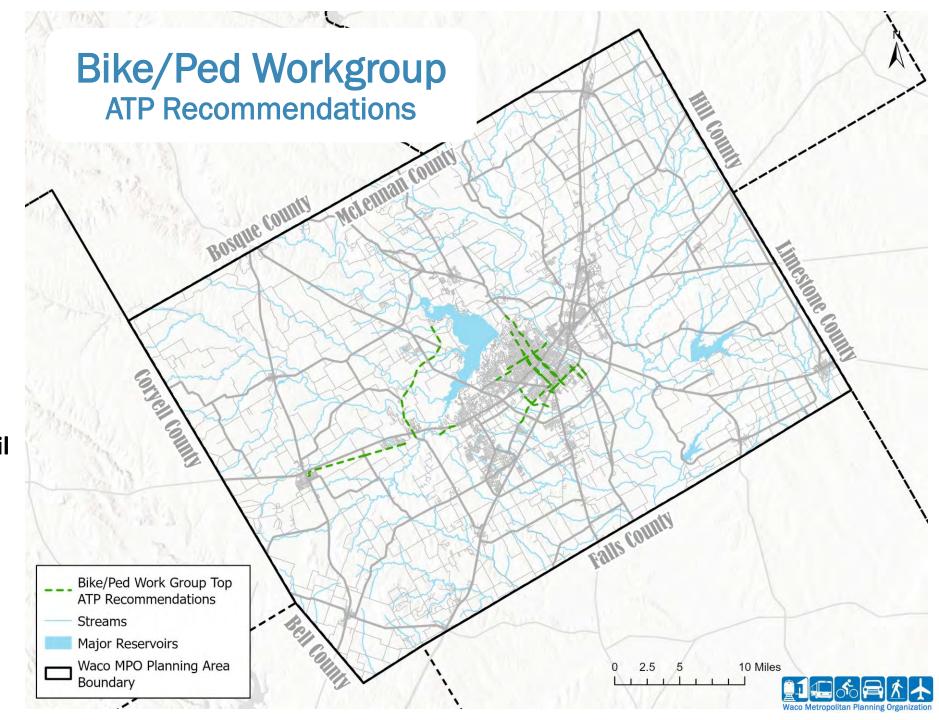
- Incorporate active elements into project proposal descriptions
- TxDOT comments also integrated
- Public engagement regarding ranked proposals
 - 5 MTP public meetings September/October
- Policy Board review & action
 - Review public comments and discussed ranking during October meeting
 - Priorities determined during November meeting
 - Fiscal constraint guidelines applied
 - impacts project development schedule

Active Transportation Focus

- Bicycle/Pedestrian Work Group submissions
 - Promote importance of 15 projects from Active Transportation Plan (ATP)
 - List in 2050 MTP to highlight public support
 - Unfunded recommendations
 - Public engagement during MTP public meetings 5 meetings in September/October
 - Encourage jurisdictions to pursue implementation



Dutton Ave/Memorial Dr 25th St/26th St Speegleville Rd **Sanger Ave Cotton Belt Trail Bosque Blvd** La Salle Ave **Bagby Ave Primrose Dr/Irving Lee St** Lake Shore Dr/Waco Dam Trail S University Parks Dr. **Colcord Ave** 17th St/18th St **S New Rd** 3rd St



MTP Public Meetings

Waco

September 11th, 11am McLennan Community College

Bellmead

September 17th, 5pm Civic Center

Hewitt

October 9th, 5pm City Hall

Waco

October 10th, 11am Waco Transit Building

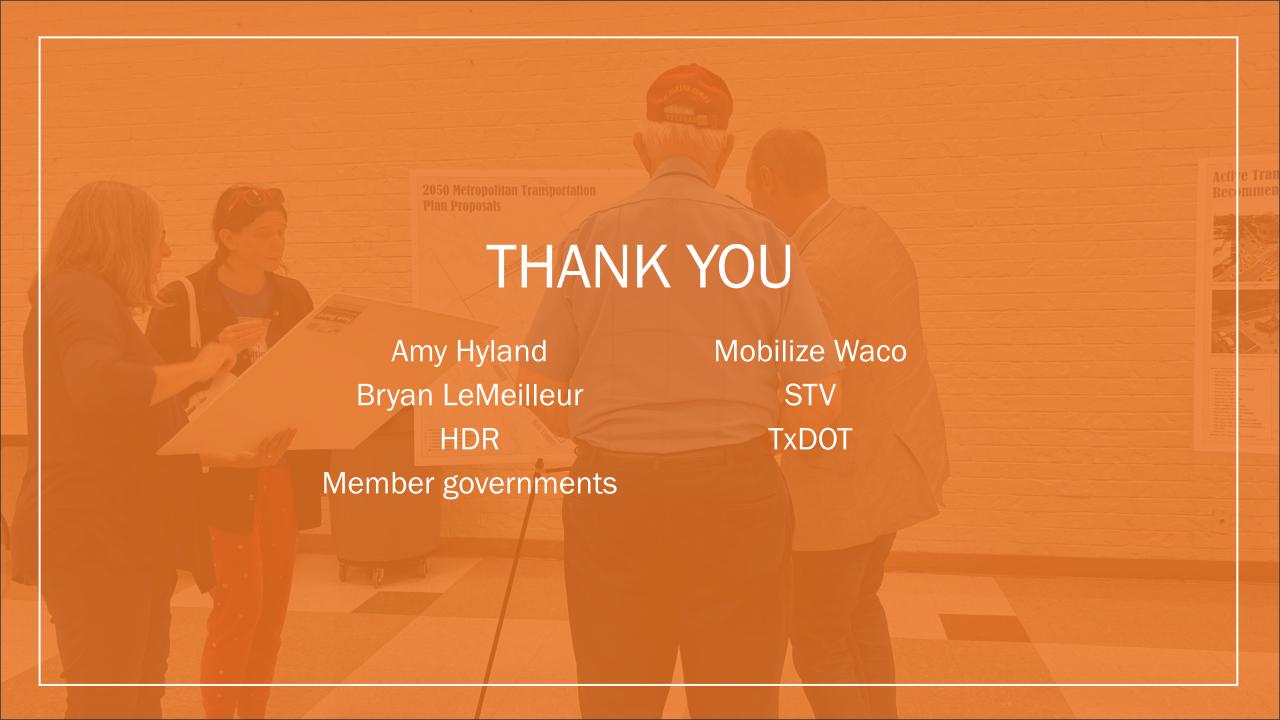
Waco

October 15th, 5pm South Waco Community Center McLennan Community College MTP Public Meeting



Bellmead Civic Center MTP Public Meeting





Directive Action Item

- Discussion
- Directive to MPO Staff on behalf of the MPO Policy Board
 - Solicit public comment concerning a draft of the Waco MPO 2050 Metropolitan Transportation Plan
 - Modify Recommendation to MPO Staff









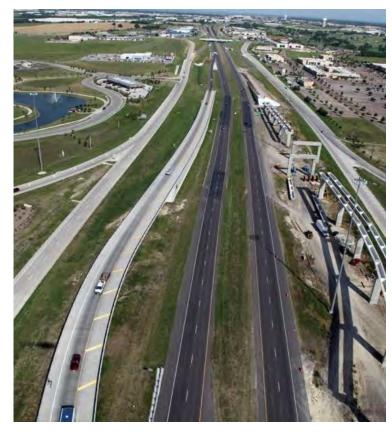
UTP Discussion?

Update and Discussion

MAP ID	HIGHWAY	PROJECT NAME/PROJECT ID (CSJ NUMBER)	FROM	то	EST LET DATE RANGE	CONSTRUCTION COST ESTIMATE	UTP ACTION	TOLL	AUTHORIZED CONSTRUCTION FUNDING BY CATEGORY	TIER
MCLENNAN COUNTY										
9	IH 35	Widen Freeway - Waco 0015-01-246	SLP340	12th Street	FY 2025-2028	\$262,600,000	Funding Adjustment	No	Cat. 2 Metro/Urban Corridor \$53,721,809 Cat. 4 Urban \$77,628,191 Cat. 12 Strategic Priority \$131,250,000 TOTAL \$262,600,000 Cat. 4U increased \$6.4M	1
10	US 84	Interchange (New or Reconstructed) - Waco 0055-08-121	FM 1695	SS 298	FY 2029-2034	\$215,230,400	Funding Adjustment	No	Cat. 2 Metro/Urban Corridor \$25,300,000 Cat. 4 Urban \$63,968,000 Cat. 11 District Discretionary \$10,000,000 Remaining funding TBD \$115,962,400 TOTAL \$215,230,400 Cat. 4U increased \$48.4M	1
11	SH 6	Widen Non-Freeway - Waco 0258-08-035	FM 185	Mclaughlin Road (Spur 412)	FY 2025-2028	\$5,040,000	No Funding Change	No	Cat. 2 Metro/Urban Corridor\$5,040,000 TOTAL\$5,040,000	1
12	SH 6	Widen Non-Freeway - McLennan County 0258-09-143	Brazos River	Spur 484	FY 2025-2028	\$89,408,524	New Authorization	No	Cat. 2 Metro/Urban Corridor	3
13a	SH 6	Bridge Replacement - Waco 0258-09-147	SH 6 at Lake Waco		FY 2025-2028	\$33,656,000	Funding Adjustment	No	Cat. 2 Metro/Urban Corridor	2
13b	SH 6	Bridge Replacement - Waco 0258-09-148	SH 6 at Lake Waco		FY 2025-2028	\$33,656,000	Funding Adjustment	No	Cat. 2 Metro/Urban Corridor	2
14	SL 340	Widen Non-Freeway - Bellmead 2362-01-034	US 84	LP 484	FY 2025-2028	\$81,951,472	Funding Adjustment	No	Cat. 2 Metro/Urban Corridor	1
15	SS 298	Widen Non-Freeway - Waco 0055-08-120	US 84	SL 396	FY 2025-2028	\$36,400,000	No Funding Change	No	Cat. 2 Metro/Urban Corridor\$36,400,000 TOTAL\$36,400,000	2







Current Grant Efforts

Update and Discussion

Current Grant Efforts

- Safe Streets and Roads for All (SS4A) Grant
 - FY 2023 Demonstration Project Grant



- Awarded \$1.2 M for six projects across Waco, Hewitt, & Bellmead
 - Not yet executed
- FY 2024 Demonstration Grant

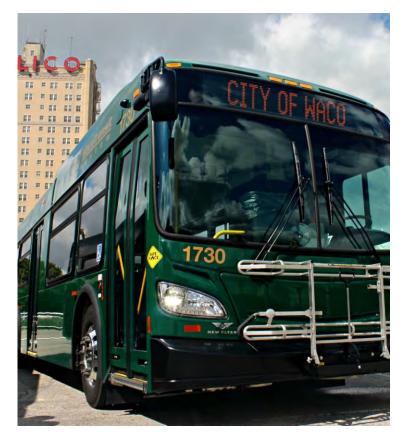


- Proposal submitted by staff
- FY 2023 RAISE Grant 🗸



- Awarded \$4.8 M for smart corridor planning
- FY 2024 Strengthening Mobility and Revolutionizing Transportation (SMART) Grant
 - Proposal currently being drafted by staff









MPO Redesignation

Update and Discussion

MPO Redesignation Efforts

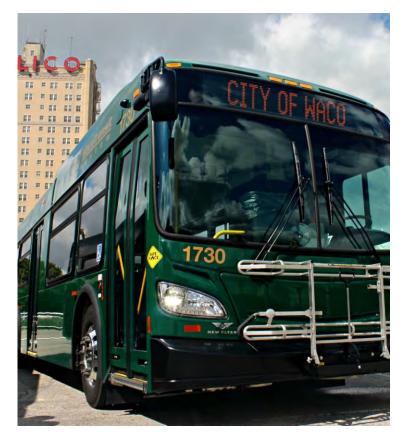
Current Status

- TxDOT submitted the request package to the Governor's office on September 18, 2024
- The request package included supporting resolutions from cities of Waco, Hewitt, and McLennan County.

Next Steps

- Decision from the Governor's office
- Current planning agreement extended through September 30, 2025
 - Allows time for redesignation process to complete prior to signing of new agreement









Technical Advisory Committee

Update and Discussion

Technical Advisory Committee Update

- September 5th meeting
 - Elected new officers
 - Zane Dunnam, Chair
 - Laura Wagstaff, Vice Chair
 - Recommended solicitation of public comments concerning a draft of the Waco MPO 2050 Metropolitan Transportation plan
 - Recommended approval of Resolution 2024-12: Ratification of FY 2023 SS4A Grant Acceptance and authorization of MPO Director to execute all related grant agreements.
 - Recommended approval of Resolution 2024-13: Approval of study locations and charging station power levels for TxDOT NEVI planning.
 - Received updates from MPO Staff on current grants and TxDOT staff on current projects.



TxDOT Waco Area Project Updates

Building the Texas Transportation System



Current Projects



Spring Valley Widening

ROADWAY: FM 2113

COST: \$15,387,558.27

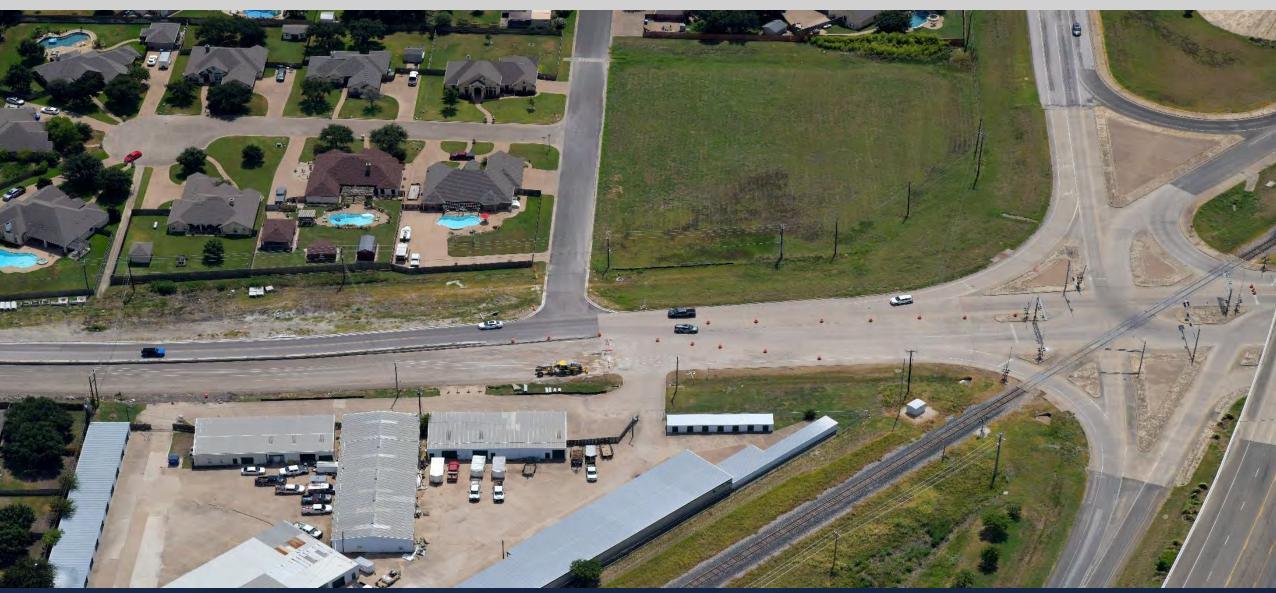
LIMITS: From Sun Valley to Hewitt Dr

SCOPE: Adding Turn Lane, Shoulders, and Drainage

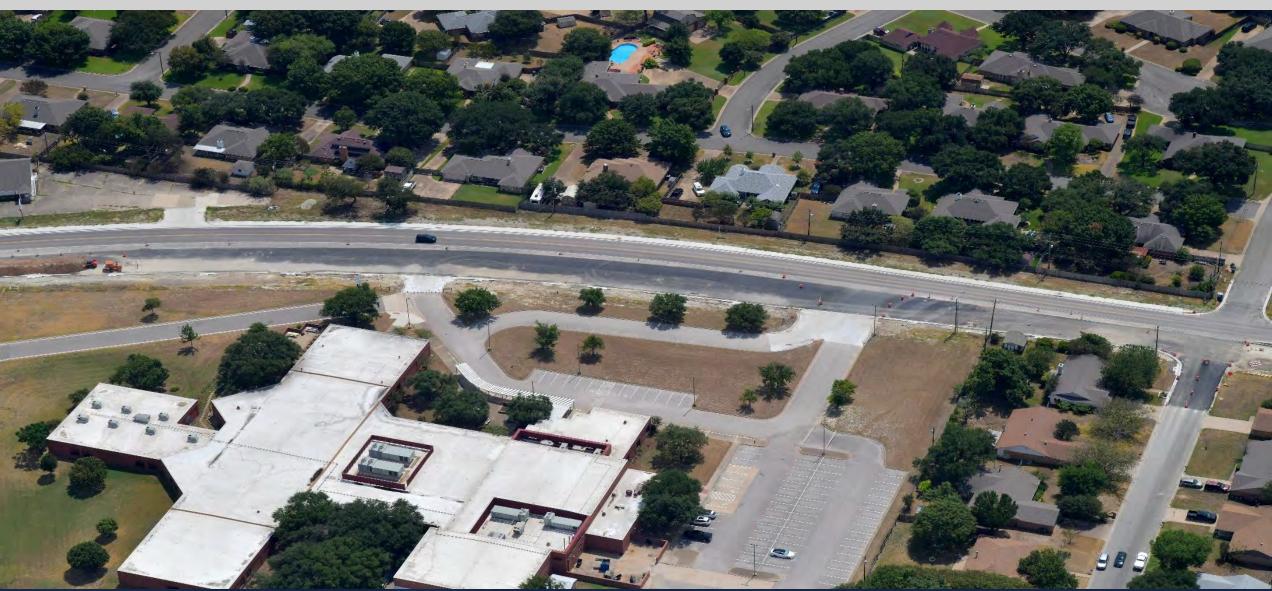
TIMELINE: Anticipate End of 2024 Completion

- Working on permanent pavement on west half of roadway between Hewitt Dr and Old Temple.

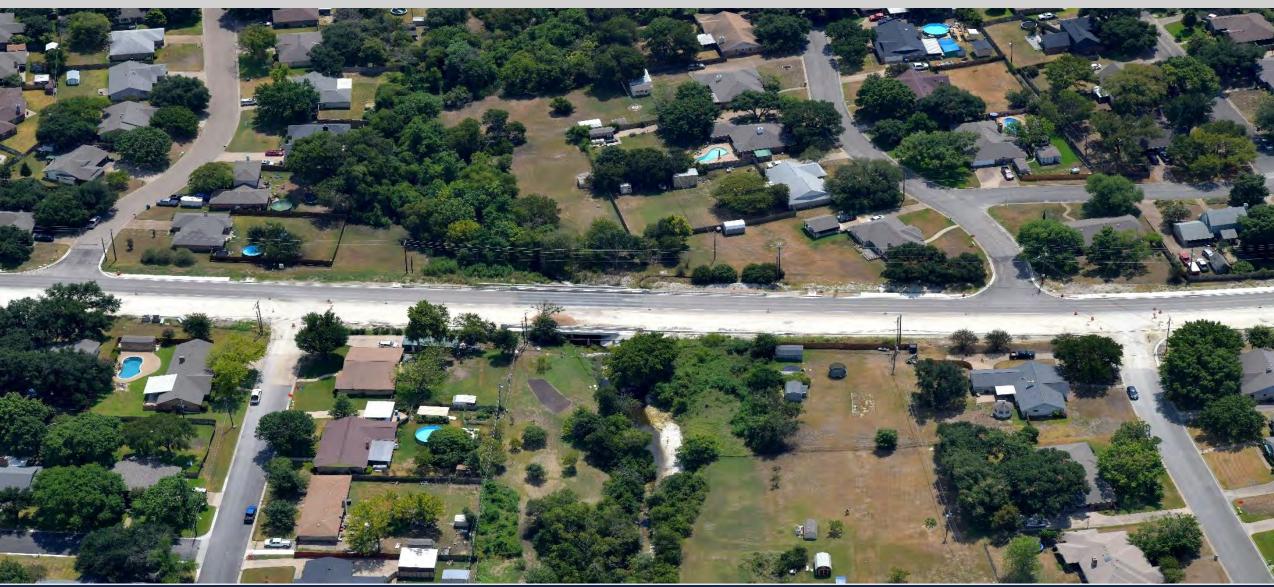




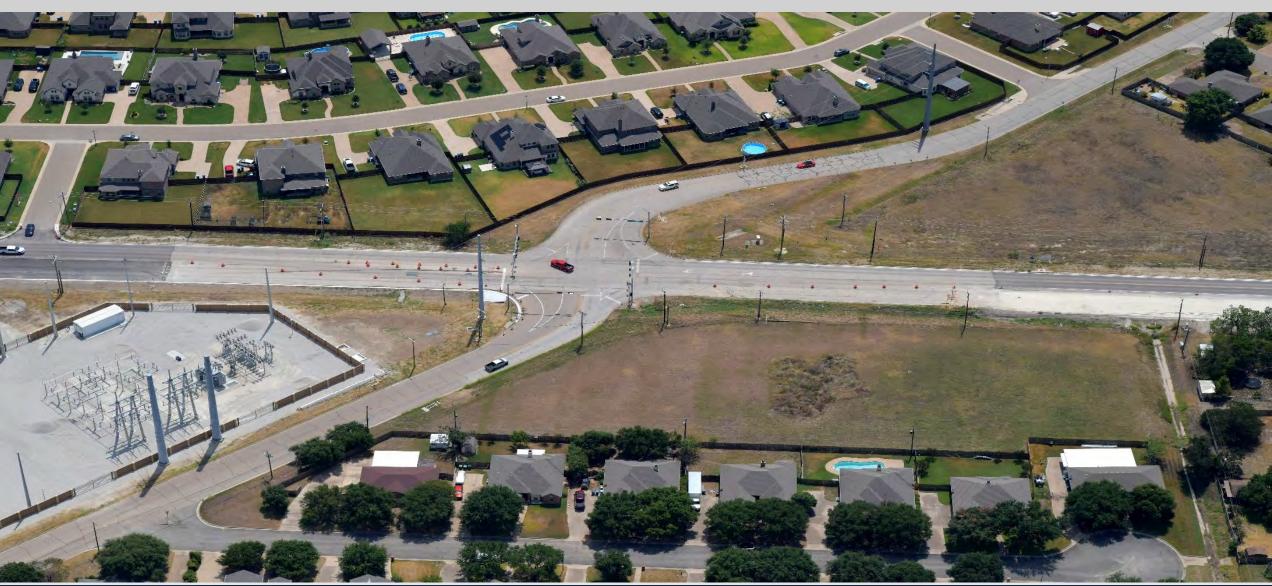
















Current Projects



FM 434/U Parks Widening

ROADWAY: FM 434

COST: \$6,126,287.10

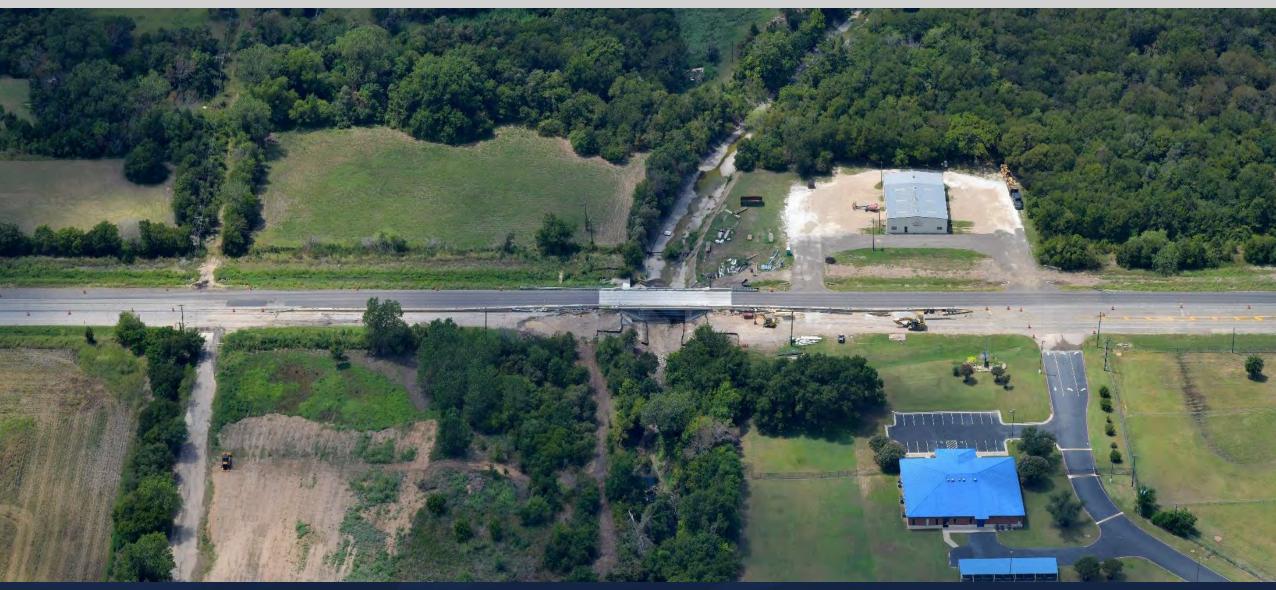
LIMITS: From BU 77 to FM 3400

SCOPE: Widen and construct left turn lane

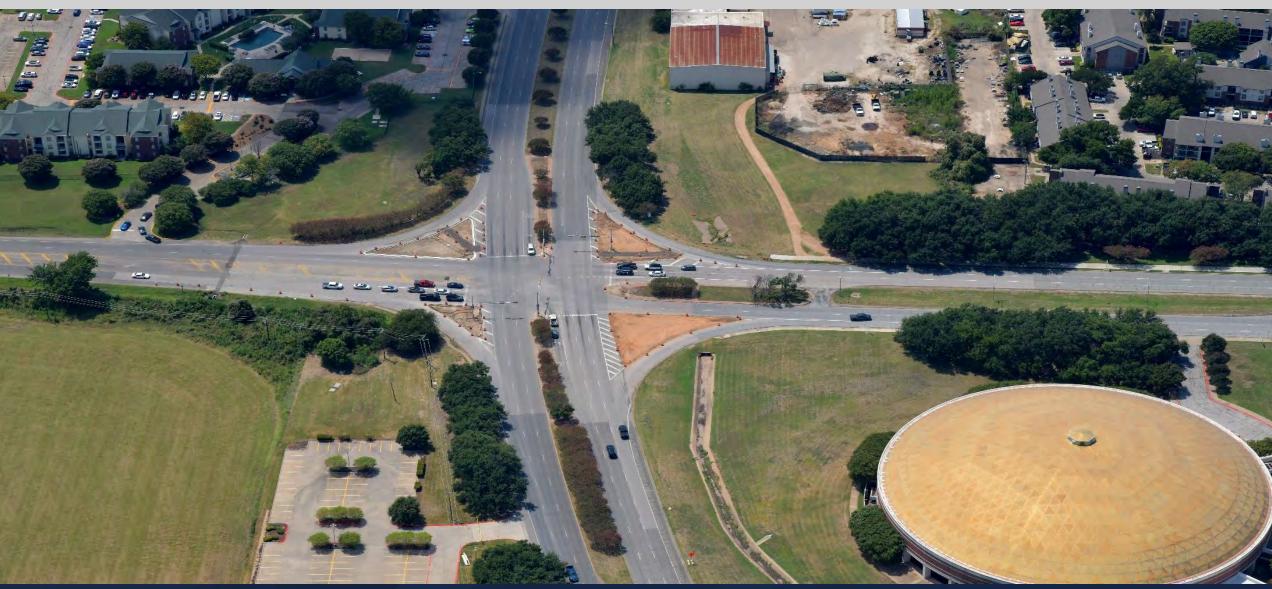
TIMELINE: Est. Completion End of 2024

- -Continuing subgrade widening on south side of roadway.
- -Completing second half of new bridge at Primrose Creek.
- -Signal and median replacement at La Salle ongoing.









Current Projects



SH 6 Mall to Mall

ROADWAY: SH 6

COST: \$54,894,543.25

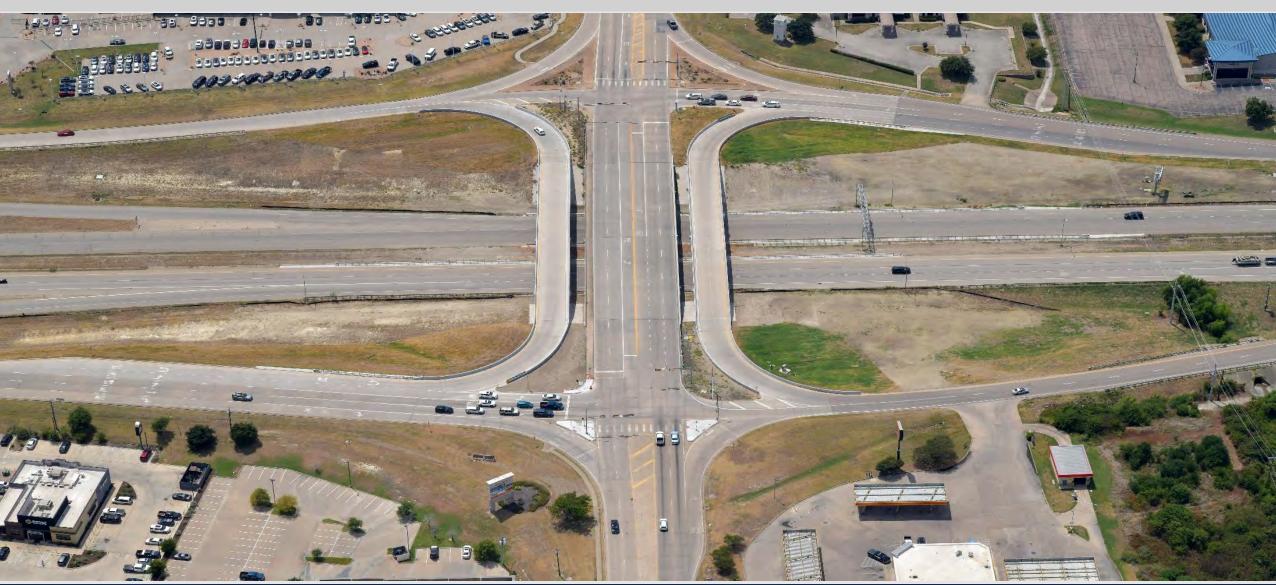
LIMITS: Bagby Ave to US 84

SCOPE: Widen freeway, construct frontage road bridges, and reconfigure ramps

TIMELINE: Est. Completion Early 2024

Bagby Turnarounds





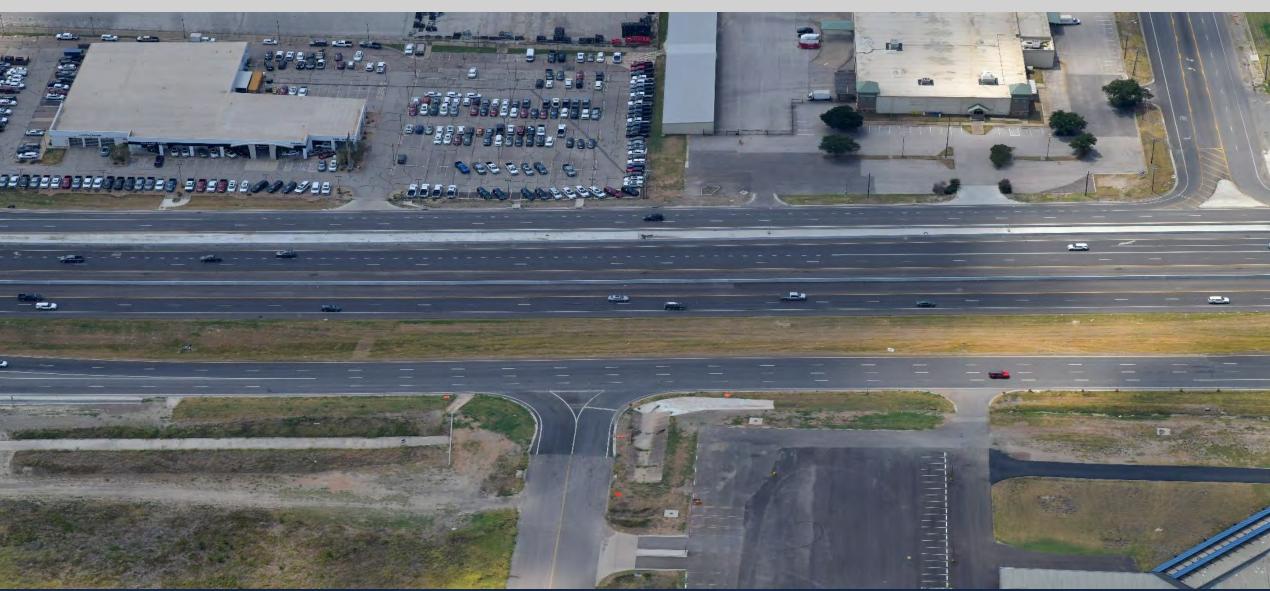
Beverly Bridges





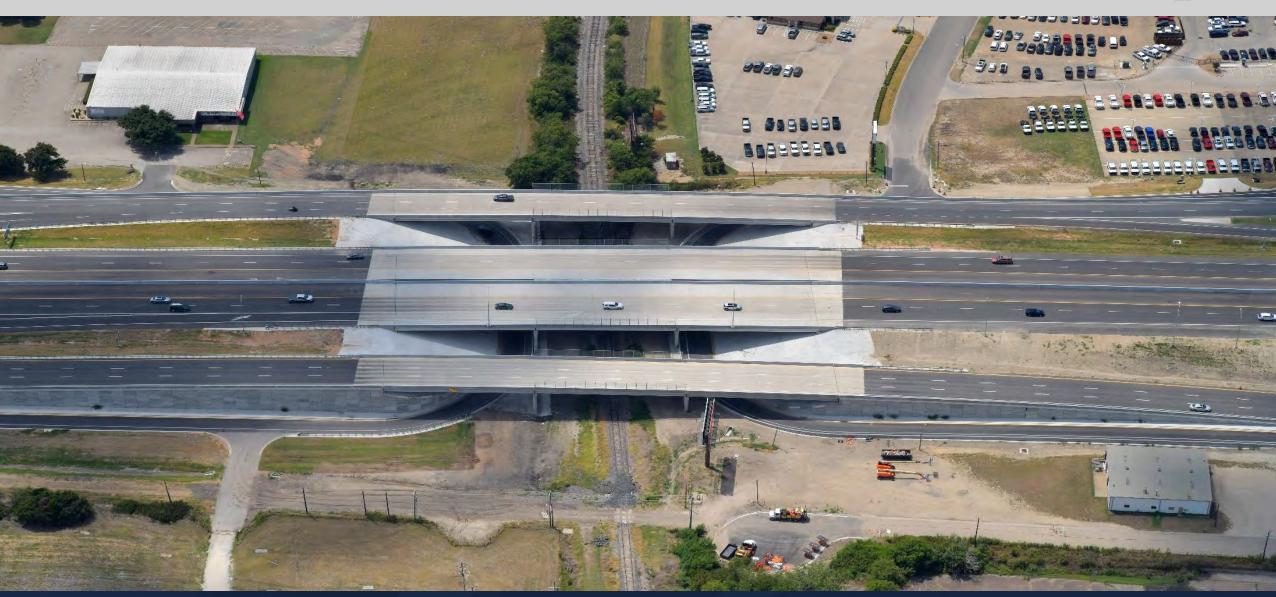
Industrial/Imperial Dr





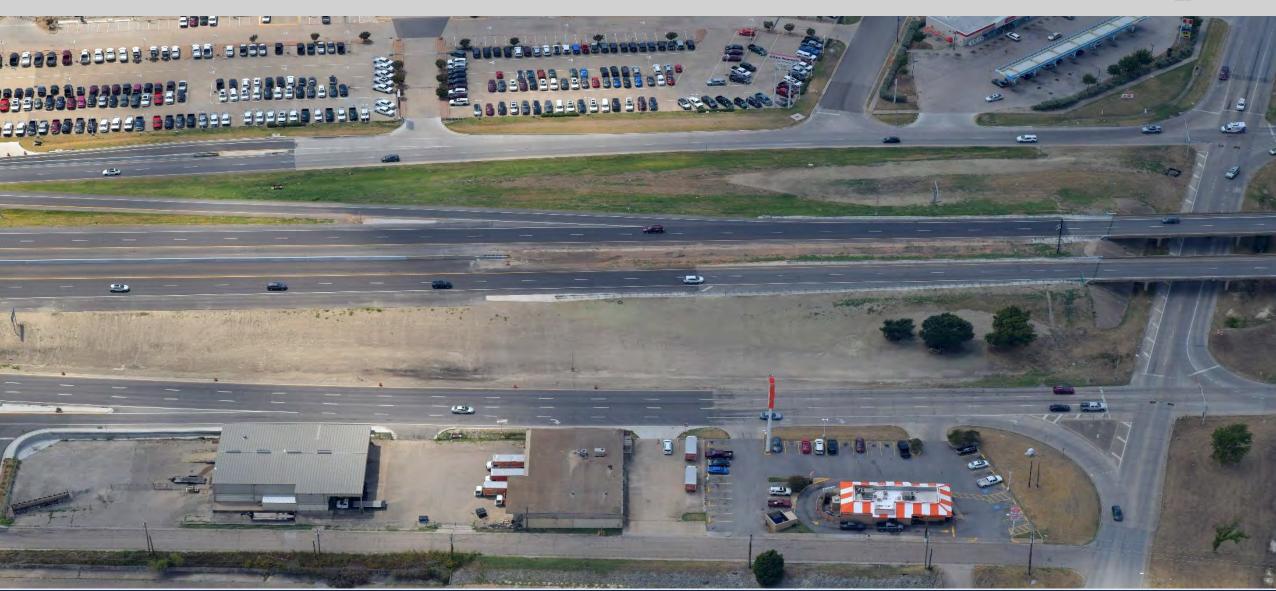
Oxygen/Depot Bridges





US 84





Current Projects



SH 31 at FM 2311

ROADWAY: SH 31 and FM 2311

COST: \$54,89429,287,262.60

LIMITS: SH 31 to FM 308

SCOPE: Construct overpass at SH 31, Rehab and widen FM 2311

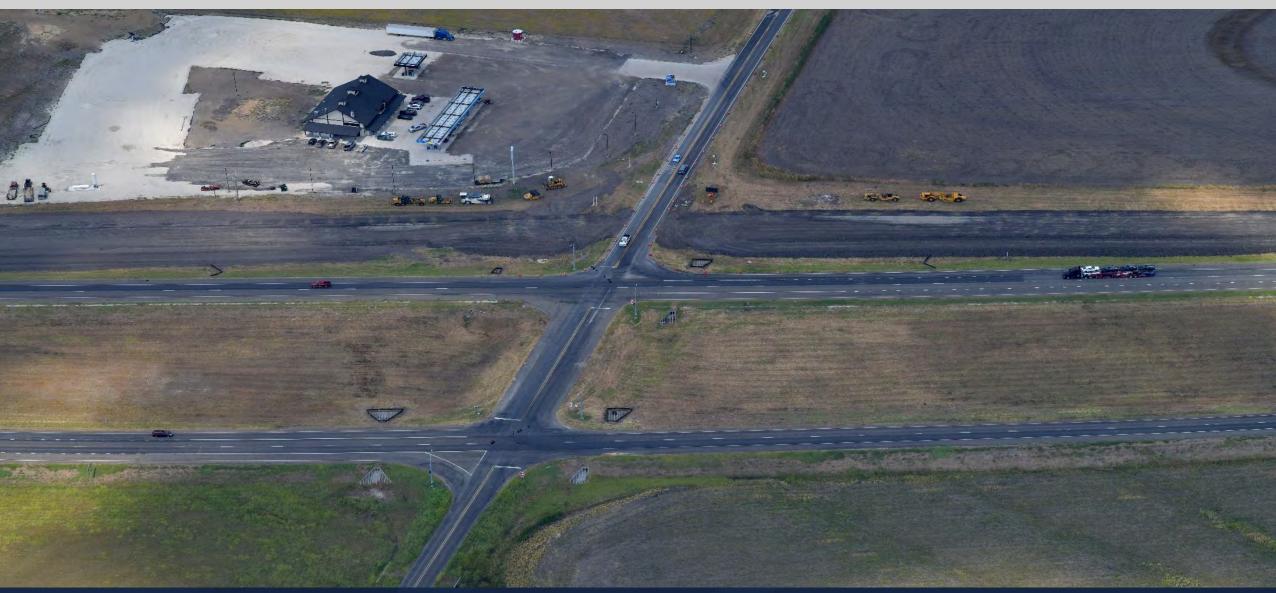
TIMELINE: Approximately 2.5 - 3 Year Project

-Prepping for new SH 31 frontage road on north side of intersection.

- -Beginning drainage work along FM 2311
- -Full closure of FM 2311 expected next Spring with 8 month duration.

SH 31/FM 2311





UPCOMING PROJECTS



• SH 6 Mill/Inlay

ROADWAY: SH 6

COST: \$22,852,587.83

LIMITS: FM 1860 to Robertson County

SCOPE: Pavement Resurfacing

TIMELINE: Started Mid-April, Complete Late 2024

SS 299 & LP 340 Overlay

ROADWAY: SS 299 & LP 340

COST: \$3,759,444.64

LIMITS: IH 35 to US 84, FM 3051 to Williams Dr

SCOPE: Pavement Resurfacing

TIMELINE: Start Mid-April, Complete Fall 2024 (Completed paving operations on 9/13/24)

BU 77 Bridge Demolition

ROADWAY: BU 77 COST: \$1,121,180.80 LIMITS: BU 77 at US 84

SCOPE: Remove existing BU 77 Bridge and Reconfigure Frontage Roads

TIMELINE: Complete End of 2024







Workgroup Updates, Monthly Report, & Announcements

Work Group Updates

CITIZEN'S PARTICIPATION (CP)

- TBD
- Nominations requested

CONNECTED & AUTOMATED VEHICLES (CAV)

- Last Meeting July 17, 2024
- Next Meeting October 16, 2024

BICYCLE & PEDESTRIAN (BPWG)

- Last Meeting August 21, 2024
- Next Meeting November 20, 2024

MOBILITY, LAND USE & TRANSPORTATION (MLT)

- TBD
- Nominations requested

Monthly Report

MEMBERSHIP UPDATE

 Routine updates from membership and staff

ORGANIZATIONAL UPDATE

- iEngage Program
- 2045 MTP Administrative Correction
- 50th Anniversary Celebration –
 September 19, 2024

Streamlined Amendment Process

Annual Call for Amendment Proposals

- Call initiated following January Policy Board meeting, open for 2 weeks
- Eligible Plans & Programs by priority
 - Metropolitan Transportation Plan (MTP)
 - Transportation Improvement Program (TIP) construction programming
 - Comprehensive Safety Action Plan (CSAP)
 - Active Transportation Plan (ATP)
 - Public Participation Plan (PPP)/Title VI Plan/UPWP
- Proposal review & public engagement process initiation - February Policy Board meeting
- Public comment review March Policy Board meeting
- Amendment evaluation/preparation/public input scheduled as resources allow (March – November)
- Schedule for appropriate quarterly revision



Baylor University iEngage Summer Civics Institute is a free five-day civics day camp designed to help students learn how to make a difference in their school, neighborhood, and community.

iEngage focuses on developing young people's civic and political competence and strengthening their community and political engagement through inquiry-based civics projects in which they research and act upon local community issues.

Students & MPO staff discussed:

- Transport & Mobility
- What transportation planners do
- How students can engage with local planners and decision makers to improve transport and mobility in their communities





MPO Monthly Report

Local Fund Report

Waco MPO Local Fund Report		Contribution		Expenditure		Balance	
FY 2023		\$	100,000.00			\$	100,000.00
	Plaque for outgoing chairperson			\$	109.00	\$	99,891.00
	2022 SS4A Match			\$	625.73	\$	99,265.27
FY 2024		\$	100,000.00			\$	199,265.27
	Public Agency Listening Session			\$	172.00	\$	199,093.27
	Regional Visioning Workshop			\$	660.00	\$	198,433.27
	Special called meeting 04/29			\$	342.88	\$	198,090.39
	2022 SS4A Match			\$ 3	139,374.27	\$	58,716.12
Current							
Balance						\$	58,716.12

^{*} Request to authorize expenditure of up to \$2,500 for 50th anniversary activities

Announcements

NEXT POLICY BOARD MEETING

- Thursday, October 17, 1:30 PM
- South Waco Community Center
 2815 Speight Ave

REQUEST FOR AGENDA ITEMS

- Plan & Program Amendments
- Work Group Updates
- Grant Updates
- TxDOT Construction Update
- Any other items?

Hearing of Visitors

Addressing the Board

- Visitors may address the Policy Board regarding any item of MPO business not identified on this agenda
- Each speaker is allotted one 3-minute presentation regardless of the number of agenda items speaker wishes to address
- Non-English speakers and hearing-impaired requiring translators may have up to 6 minutes
- Persons representing a group may have up to 10 minutes

The Policy Board cannot respond to comments received during this public hearing





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Departments/Metropolitan-

Planning-Organization

Waco MPO Policy Board Meeting

Thursday, September 19, 2024 1:30 P.M.

