

WI-FI NETWORK

JLA-Guest

PASSWORD

Community#1





Transportation Policy Board Meeting

November 14, 2022

ITEM 1: CERTIFICATION OF QUORUM



ITEM 2: PUBLIC COMMENTS



ITEM 3: REPORT FROM THE TAC CHAIR



ACTION



ITEM 4: DISCUSSION AND ACTION ON OCTOBER 3, 2022 MEETING MINUTES





Recommendation

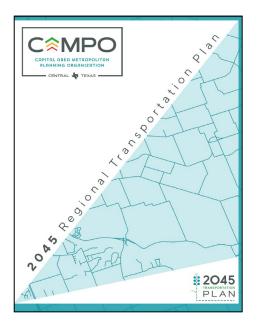
Staff requests the TPB approval of the October 3, 2022 Meeting Minutes.



ITEM 5: DISCUSSION AND ACTION ON AMENDMENTS TO THE TIP/RTP









Fall Amendment Cycle

The Fall Amendment Cycle is the **regularly scheduled opportunity** to make changes to the Regional Transportation Plan (RTP) and Transportation Improvement Program (TIP).

Amendment Cycle Schedule			
Date	Milestone		
9/26/2022	Technical Advisory Committee - Information		
October - November	Community Outreach		
10/3/2022	Transportation Policy Board - Information/Public Hearing		
10/17/2022	Technical Advisory Committee - Recommendation		
11/14/2022	Transportation Policy Board - Adoption		







Fall Amendment Cycle - Regular Amendment Requests

MPO ID/CSJ	County	Sponsor	Project Name	Limits (From)	Limits (To)	Description	Phase	Let Year	Cost	Amendment Request
53-00018-00	Travis	Capital Metro	Demand Response Operations Maintenance Facility	N/A	N/A	Construction of the Demand Response Operations and Maintenance Facility	Construction	2023	\$76,175,000	Add to Individual Listing
1200-03-060	Travis	TxDOT	FM 973	.069 Miles Northeast of FM 969	.1 Miles North of Thyone Dr.	Install sidewalks, widen existing 2- lane to 4-lane, install continuous turn-lane, widen paved shoulders to >5 feet.	Construction	2023	\$20,151,053	Roll over from Previous TIP Move FY from 2022 to 2023 Add Funding
0805-02-008	Caldwell	TxDOT	FM 2720	Old Spanish Trail	SH 142	Widen from 2-lane undivided to 4-lane divided with shoulders, add cable barrier	Construction	2025	\$46,659,799	Add Individual Listing
0805-05-004	Caldwell	TxDOT	FM 2720	SH 21	Old Spanish Trail	Widen from 2-lane undivided to 4-lane divided with shoulders, add cable barrier	Construction	2025	\$1,796,482	Add Individual Listing
0323-01-028	Bastrop	TxDOT	SH 95	LP 230	FM 535	Upgrade from a 2-lane rural to a 3-lane urban roadway with continuous left-turn lane	Construction	2024	\$9,985,397	Roll over from Previous TIP Move FY from 2022 o 2024

Transportation Improvement Program

Regional Transportation Plan







TIP & RTP Amendments

- Public comment period October 3-November 3
- Public hearing at October 3 TPB meeting
- Two in-person open houses
- Online open house
 - » Project list and map
 - » Project sponsor contact info
 - » Link to submit comments
- Commenting in-person, phone, mail, fax, and email
- 10 total comments, 1 specific to amendments





Recommendation

Staff and the Technical Advisory Committee recommend the Transportation Policy Board approve amendments to the TIP/RTP as listed in Resolution 2022-11-5.



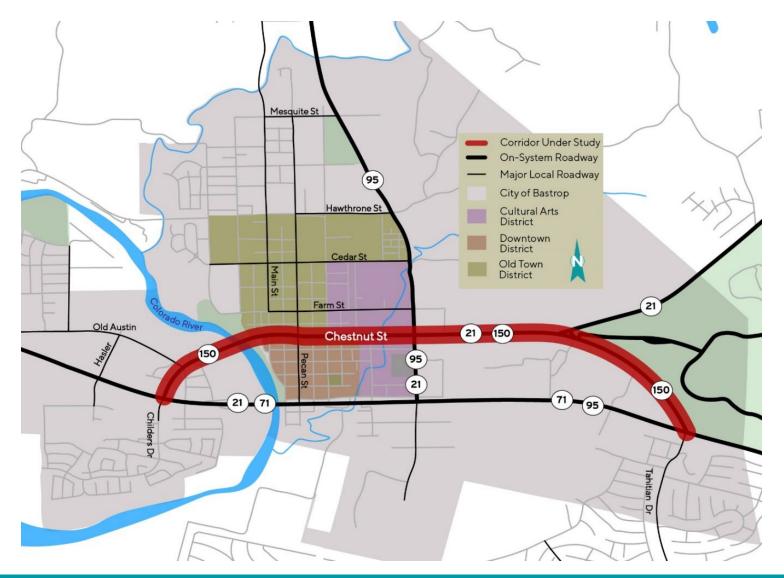
ITEM 6: DISCUSSION AND ACTION ON CHESTNUT ST./SL 150 STUDY ILA





Chestnut St / SL 150 Multimodal Corridor Study RFP

Multimodal corridor study from SH 71/21 (at Childers Drive) to SH 71/95 (at Tahitian Drive). Study will identify needs and develop a context-sensitive transportation vision for subareas along the corridor.









Arup

Evaluation Results

Evaluation Results			
Firm	Proposal (max 100)	Interview (max 25)	Total
Toole Design Group	83	19	102
Halff Associates	72	15	87
Page Southerland Page	64	n/a	64
RPS	62	n/a	62
Antero Group	60	n/a	60

56

n/a





56



Recommendation

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CAMI

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the top
develop the

Multimodal C Staff requests the TPB authorize the CAMPO Executive Director to negotiate and execute a contract with the top-ranked consultant firm to develop the Chestnut Street / SL 150 Multimodal Corridor Study.



ITEM 7: DISCUSSION AND APPROPRIATE ACTION ON FUNCTIONAL CLASSIFICATION FOR RM 2243 (HERO WAY)







Functional Classification Request

Functional classification (FC) **changes reflect updates to the roadway network** including connectivity, traffic, and capacity changes. The Transportation Policy Board must approve any changes before the final determination is made by FHWA.

Roadway	Current Functional Class	Requested Functional Class		
RM 2243 (Hero Way)	Minor Arterial/Unclassified	Minor Arterial		







Recommendation

Staff recommends the Transportation Policy Board approve the requested functional classification changes as listed in Resolution 2022-11-7.



ITEM 8: DISCUSSION AND ACTION TO SUPPORT TEXAS SMARTTRACK





Recommendation

Staff requests TPB approval of its support for the SMART Grant application and accompanying Resolution 2022-11-8.



EXECUTIVE SESSION



ITEM 9: EXECUTIVE SESSION



INFORMATION



ITEM 10: PRESENTATION ON REGIONAL STATE OF SAFETY REPORT





State of Safety Report

Jeff Kaufman, AICP Associate Research Scientist

Texas A&M Transportation Institute

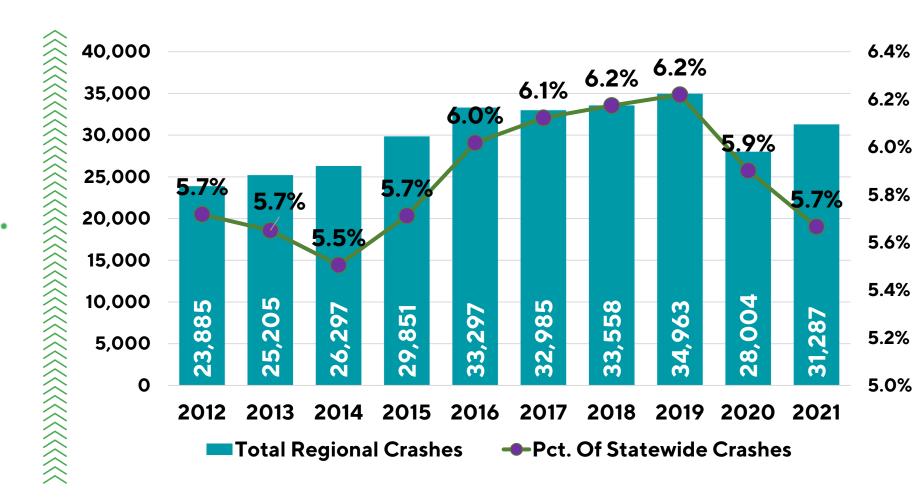
- TTI reviewed crash data from 2012-2021
- Crash data from crash reports submitted to TxDOT by law enforcement agencies
- Report assessed 16 different areas of safety
- Data to be used to plan for safety-related projects





Regional Crashes

- Crashes up over 31 percent since 2012
- State crashes up 32 percent
- COVID contributed to fewer crashes in 2020 and 2021

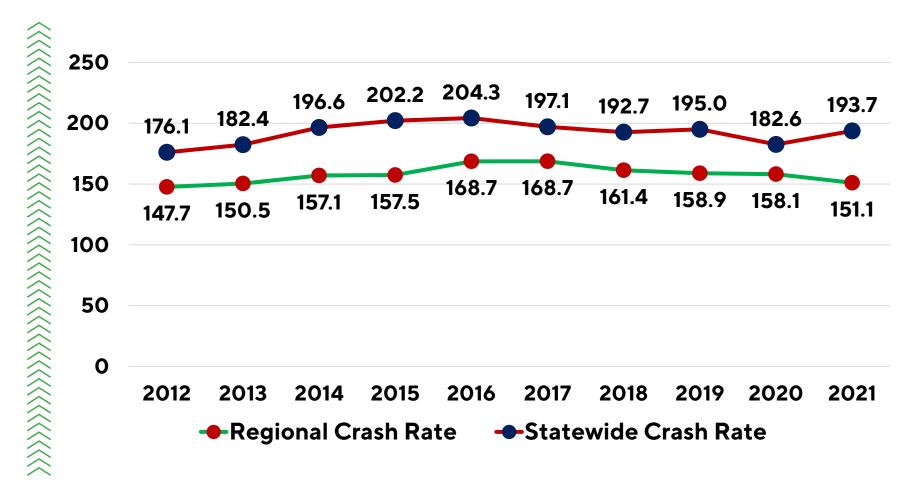






Regional Crashes Rates

- Per 100 Million Vehicle Miles Traveled (VMT)
- Regional crash rate consistently below the state's rate

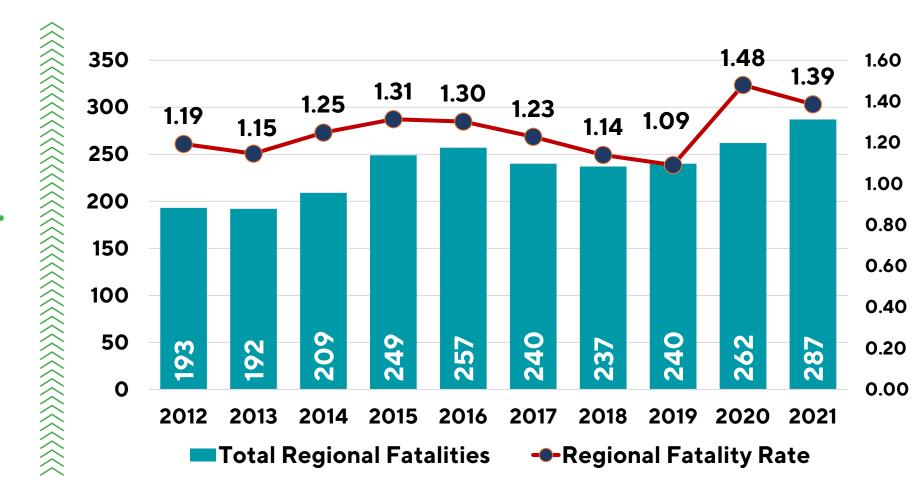






Regional Fatalities and Fatality Rates

 Despite COVID-related declines in crashes, region had highest fatality levels in the 10year period

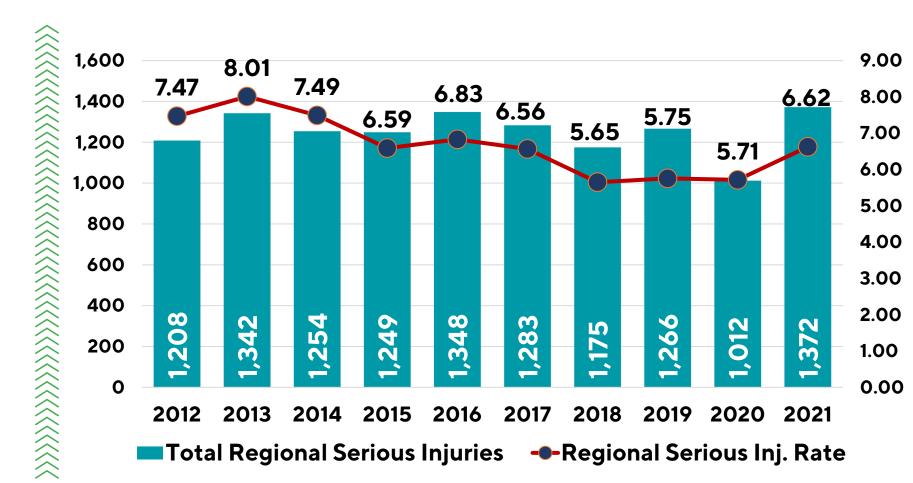






Regional Serious Injuries and Injury Rates

- 2020 fewest serious injuries
- 2021 highest serious injuries

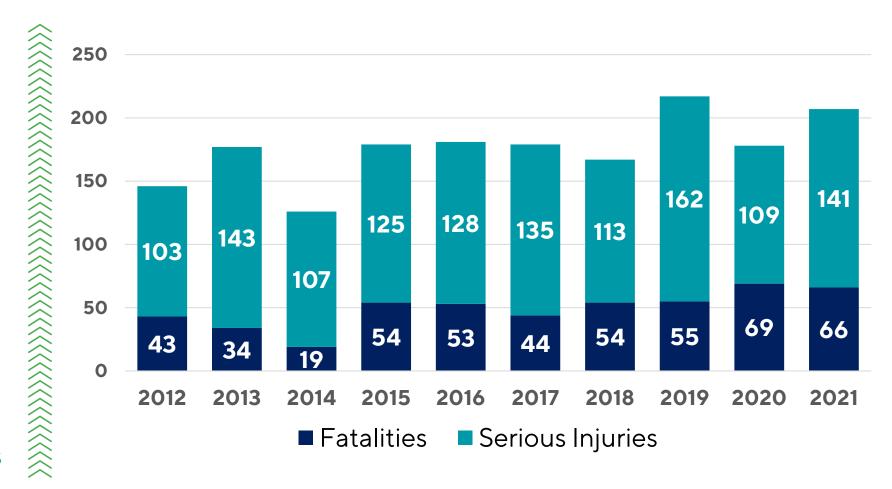






Bike/Ped Fatality and Serious Injuries

- Combined due to federal performance measure
- Fatalities: 90%
 Pedestrian/10% Bicyclists
- Serious Injuries: 70%
 Pedestrian/30% Bicyclists







Safety Issues

- Distraction Largest contributing factor in crashes
- Road Departures Largest cause of fatalities and serious injuries

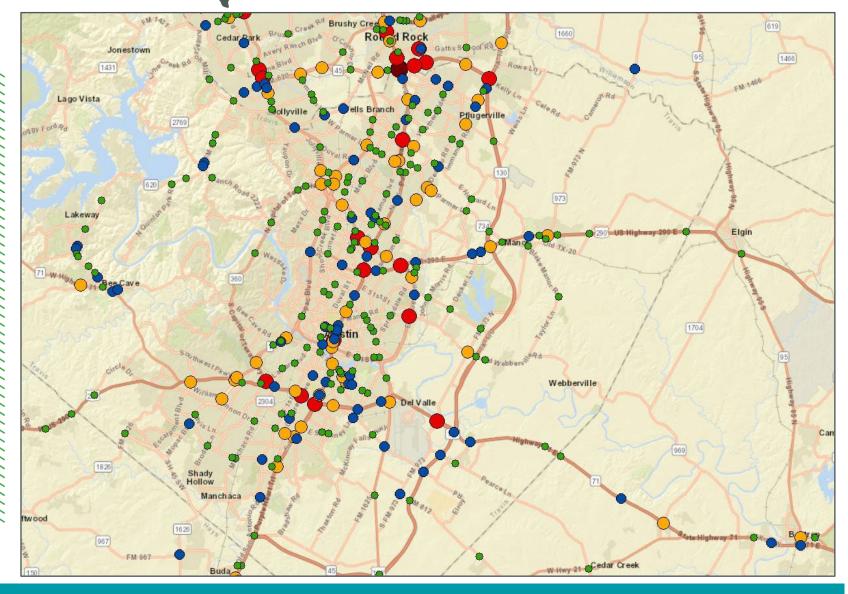
 Alcohol, Speeding, Motorcycles, Unrestrained, and Pedestrians – overrepresented in fatalities

	Pct. of all crashes	Pct. of Fatalities	Pct. of Injuries
Distraction	26.3%	12.3%	21.1%
Unsignalized	23.6%	15.3%	21.6%
Road Departure	20.8%	32.2%	26.0%
Signalized	18.7%	9.4%	17.5%
Young Drivers	13.4%	10.5%	12.8%
Alcohol	7.4%	29.2%	15.5%
Older Drivers	6.0%	8.0%	6.9%
Speeding	5.9%	21.5%	12.8%
Work Zone	4.4%	4.5%	4.5%
Large Trucks	2.7%	6.8%	3.3%
Motorcycles	2.4%	13.8%	13.3%
Unrestrained	2.2%	20.6%	8.8%
Pedestrians	1.5%	18.7%	7.1%
Bicyclists	1.1%	2.1%	3.0%
Bus Crashes	0.9%	0.9%	0.8%
RR Grade Crossing	0.3%	0.6%	0.2%





High Injury Network and Intersection Assessments







ITEM 11: DISCUSSION ON THE CARBON REDUCTION PROGRAM (CRP)





Carbon Reduction Program

Fiscal Year	TMA Funding Amount
2022	\$4,339,773
2023	\$4,339,773*
2024	\$4,339,773*
2025	\$4,339,773*
2026	\$4,339,773*

^{*}Estimate

Program Summary

The Carbon Reduction Program (CRP) provides funding to **reduce transportation emissions.**

CAMPO will **receive approximately \$22 million** for distribution in the Transportation Management Area (TMA).

Funding requirements include a 4-year obligation limitation, local match requirement, and location eligibility (similar to TASA).





Carbon Reduction Program

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2026	\$4,339,773*

^{*}Estimate

Planning Requirements

Staff will request CRP funding for the **development of a regional** carbon reduction plan which will:

- Develop regional goals and objectives.
- Provide targets for new performance measure requirement.
- Develop strategies and analyze effectiveness
- Prioritize and recommend activities for CRP funding





Carbon Reduction Program - Eligible Activities		
Traffic Management	Efforts to Reduce Freight Impacts	
Truck Stop Electrification	Deployment of Alternative Fuel Vehicles	
Public Transportation	Diesel Engine Retrofits	
Transportation Alternatives (TASA)	Traffic Flow Improvements (Non-added Capacity)	
ITS/Congestion Management Technology	Development of Carbon Reduction Strategies	
Travel Demand Management (TDM)	Projects that Reduce Emissions at Port Facilities	
Other Astivities are Elizible with Demonstration of Engineiro Deducation		

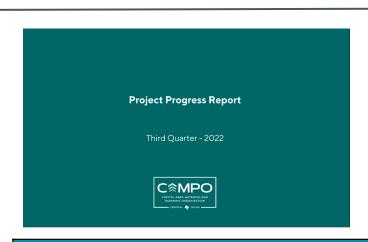
Other Activities are Eligible with Demonstration of Emission Reduction



ITEM 12: EXECUTIVE DIRECTOR'S REPORT ON TRANSPORTATION PLANNING ACTIVITIES

ITEM 12A: PROJECT PROGRESS REPORTS





Project Progress Report - Third Quarter 2022

The Project Progress Report tracks projects directly funded by the TPB with 38 Projects currently active and in various stages of project development.

Third Quarter Highlights				
Sponsor	Project	Summary		
Burnet County	Wirtz Dam Bridge	Schematic Submitted for TxDOT Review		
City of Austin	Austin to Manor Trail	Bids Accepted for Construction Contractor		
Hays County	Kyle Siding	Plans under 90% Review, ROW in Progress		
City of Round Rock	University Blvd., Kenney Fort Blvd	Both Projects over 50% Complete		
City of Round Rock	Gattis School Road	Utility Relocation Underway, Contractor Ready		
City of San Marcos	Hopkins Bike/Ped Facility	Final Payment Received		
Capital Metro	North Lamar/Airport	No Report Submitted for Third Quarter		





ITEM 12B: HERO PROGRAM UPDATE



Austin Area HERO Program Overview



Safety and Congestion Relief



What is the Austin HERO Program?

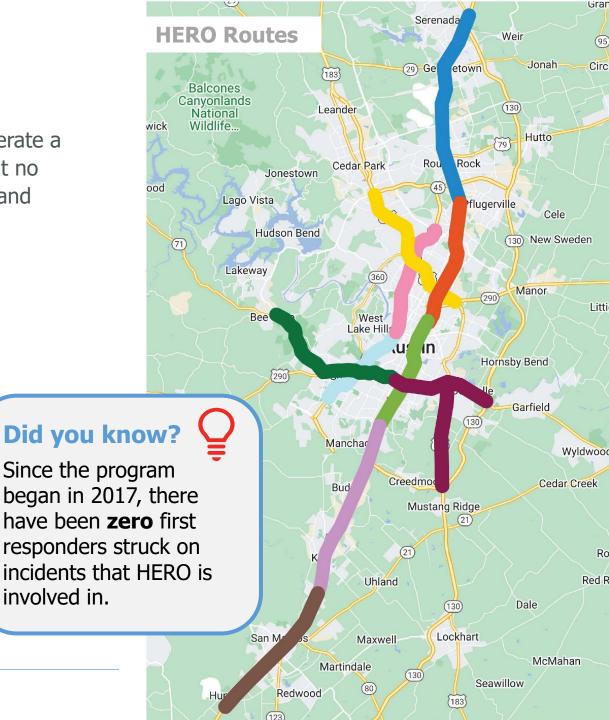
TxDOT, in partnership with CAMPO, contracts with SERCO to operate a Highway Emergency Response Operator (HERO) patrol service at no cost to the motorist to clear minor crashes from area roadways and assist motorists in need.

Goal:

To improve safety and keep traffic flowing along 138 miles of I-35, US 183, US 290, SH 71, and Loop 1 (MoPac) in the greater Austin area.

HERO Program Provides:

- Safety-conscious, quick, and efficient roadway clearance at crash scenes
- Effective on-scene incident management
- High-quality stranded motorist services
- Uniform training, equipment, and operations



Program Benefits



Avoids Secondary Crashes

Eliminates commuters and operators exposed to highway dangers



Less Police Hours

Can save police 5,000+ hours per month responding to incidents and removing debris



Minimizes Traffic Delays

Clears approximately 5,000 vehicles per month out of travel lanes



Fast Response Time

Average response time is 3.4 minutes



Natural Disaster Relief

Eliminates commuters and operators exposed to highway dangers



Free for Users

Vehicles are relocated to approved safe staging areas where private tows can be arranged



What does HERO do?

Mission: to minimize traffic congestion by removing lane blockages and promote the safe movement of people and products. In partnership with emergency response agencies and other TxDOT units, HERO improves the travel environment for all road users.

HERO operators are often the **first to arrive at the scene** of an incident and assist motorists in times of high stress. Operators are qualified first responders and quick thinkers—the main goal is to safely restore roadways to peak traffic capacity.

Last Tuesday my car stalled in a MoPac traffic lane, I tried to start it and it made that dreaded dead battery clicking sound. The next thing I knew, barely a minute later, a HERO truck approached my stranded vehicle, secured a safe perimeter, and provided help. I was happy to be driving home after a long day at work with very little hassle.

- AUSTIN MOTORIST

HERO Program Services

- Relocate disabled vehicles to safety
- Remove minor crashes from the roadway
- Provide traffic and lane control at crash scenes
- Remove debris from travel lanes
- Change flat tires
- Give air to low tires
- Provide gasoline
- Perform minor vehicle repairs
- Jump-start batteries
- Assist first responders at crash scenes
- Provide cell services to stranded motorists

- Extinguish fires
- Apply absorbent
- Provide fluids
- Mechanical repair
- Call wrecker
- Secure load
- Provide directions
- Transport motorists or pedestrians
- Notify TxDOT for road repair
- Notify law enforcement

Data Summary 2017 – Present

Service Type	Total # of Services Provided
MOT/TTC (Traffic Control)	135,741
Assist law Enforcement	22,131
Fixed Tire / Air / Changed Tire	13,357
Fuel	9,667
Cleared Debris	7,144
Escort	4,597
Provide Jump Start	3,456
Push Vehicle	3,453
TOOLS	1,819
Water / Oil / Other Fluid	1,601
Slow Roll	1,110
Provide Directions	372
Provide First Aid/Medical Call	202
Phone Service	182
Motorist Transport	155

Services Provided 2017 - Present



Quick Facts:

- Every minute a lane is blocked results in 4-10 minutes of traffic congestion, depending on traffic volume
- Since 2018, HERO has removed 943 tons of debris from HERO patrolled routes



Vehicle Features

Dodge Ram 5500 or Ford F-550



















ITEM 13: ANNOUNCEMENTS





Upcoming Meetings

- TAC → **November 28, 2022**
- TPB → December 12, 2022
- TPB → **January 9, 2023**



Adjournment

