

TxDOT Digital Roadway Data

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About the CAT Program

A dedicated team to initiate, accelerate and assist with Cooperative and Automated Transportation activities across TxDOT in alignment with planned strategies.

https://www.txdot.gov/about/programs/innovativetransportation/cooperative-automated-transportation-catprogram.html



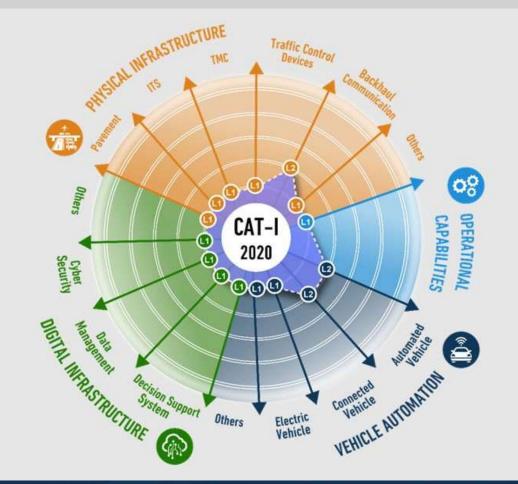




Cooperative and Automated (CAT) Program

CAT:

- CAT is a cooperative ecosystem of physical & digital infrastructure
- Connected & Automated Vehicle (CAV) technologies, and their operational capabilities to enable the safe, reliable, and efficient movement of people and goods in a multi-modal transportation network.



What is Digital Roadway Data?

Digital Roadway Data is data that describes a roadway. It can be from Vehicles (V2X), Infrastructure (I2X), Crash data, Pavement data, Bridge data, traffic counts, geospatial data, geometric data, and more.



TxDOT's Statewide Data Contract



Has the world's most extensive real-time traffic and dynamic parking information networks.

Terri Johnson Director Public Sector Services terri.Johnson@inrix.com

Available Now

wejo

Largest provider of connected vehicle data globally, working directly with passenger vehicle manufacturers to share movement and event data.

Carl Novelli Assistance Vice President Public Sector Sales carl.novelli@wejo.com

Not Yet Available Email <u>txdotcatdata@txdot.gov</u> to be put on waiting list

REPLICA

Data platform that represents people, mobility, economic activity and land use. This data provides deep insights into the patterns of activity in our communities.

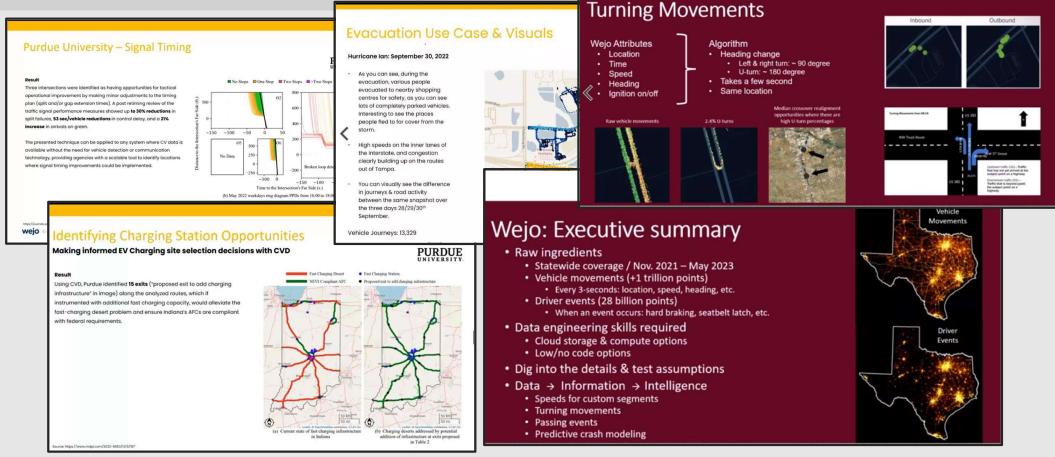
Erin Johnston Senior Customer Success Manager erin@replicahq.com

Available Now, if needed contact txdotcatdata@txdot.gov for assistance

For questions: please reach out to txdotcatdata@txdot.gov

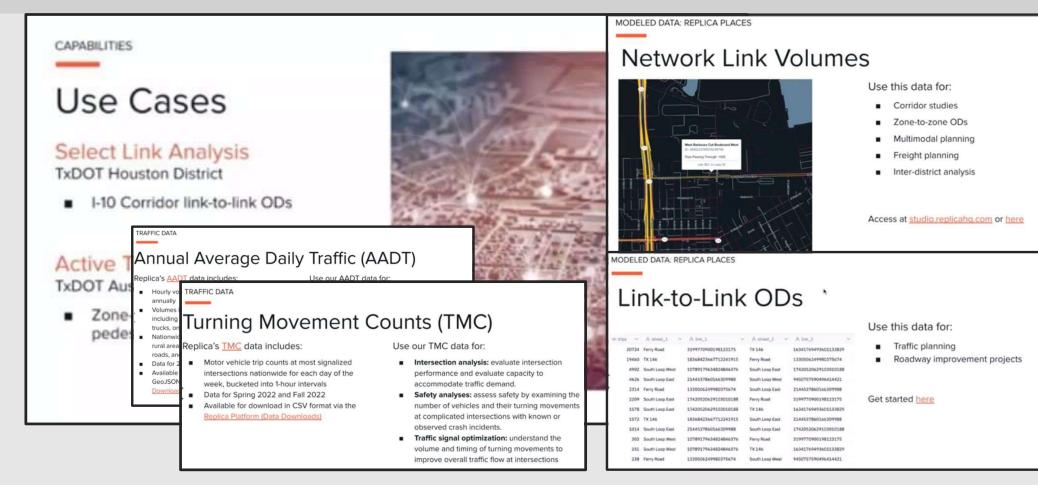
Wejo *





* Wejo Limited has gone into Administration (UK Bankruptcy). Impact to TxDOT Contract is yet to be determined.

Replica data

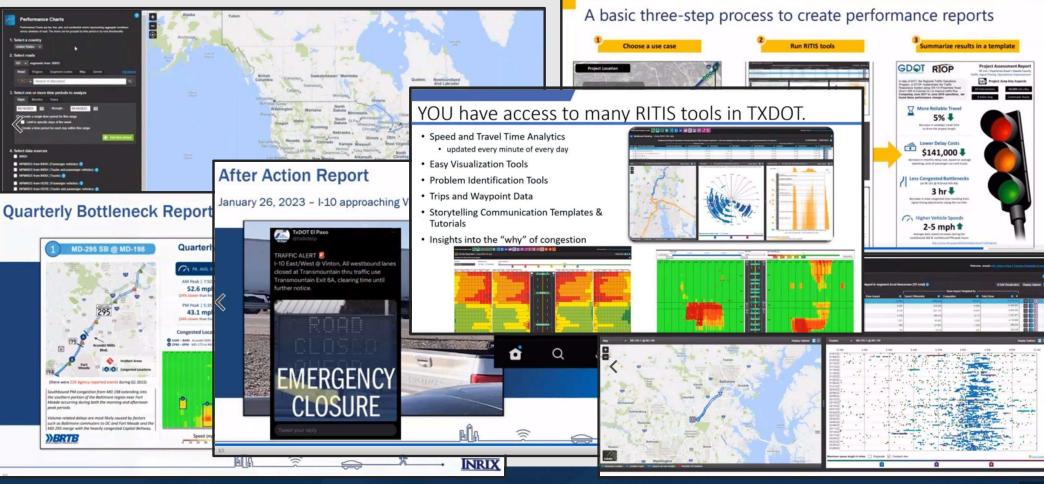


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INRIX and RITIS data

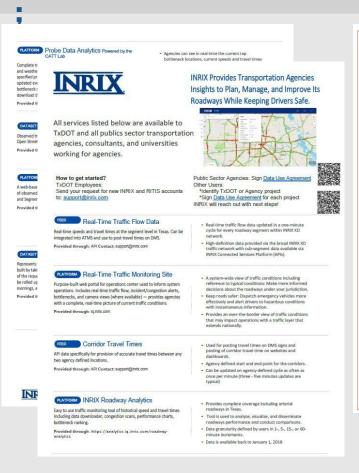


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Resources for obtaining access: txdotcatdata@txdot.gov



	REPLI	CA people interact	with it. Our mission	ilt environment and how is to organize that aluable, and actionable.	
IZ (A P) g1 s Jac	All TxODT employees have unlimited access to the TxI Replica datasets and sonices lited below. TXODT can download and share the Replica datasets below (at TxODT's discretion) with public transportation pathers, other state or local agencies, and consultants. Consultants & University partners working with TxDOT for specific project collaboration can request temporary access to the Replica Platform (note: For que		TxDOT Employees: <u>studio.replicaho.co</u> Replica Platform acr employee email ad: Consultants & Unive TxDOT: Fill out the r and Replica will rea	udio.realicaba.com/alanup to create your pilca Platform account using your @twdot.gov piloyoe email address. mosultants & University partners working with DDT. Fill out the request for access form <u>here</u> d Replica will reach out with next steps. estions or more information, email	
9	Dataset	Description	Frequency	How to Access	
nfi	Mobility				
t le	Disaggregate Trip Tables	Complete trip tables, representing a typi weekday and weekend day in the model season; includes resident, worker, viator, commercial travel, all modes, trip taker characteristics, and routing	ed	Available through: • <u>Replica Platform</u> Places Studies & Downloads • <u>*Direct Database Access</u> (Google BigQuery)	
olik	O-D Pairs	Nationwide Origin-Destination tables, at census tract level, with mode breakdown			
sui ali:	VMT	Nationwide VMT at census tract level	Weekly	Downloads	
ks. rts.	Demographics and Employment				
3 y	Disaggregate Population Tables	Complete population tables, including demographic and socio-economic detail, and work location, level of education and industry of employment		Available through: • <u>Replica Platform</u> : Places Studies & Downloads • " <u>Direct Database Access</u> (Google BigQuery)	
li	Economic Activity				
	Consumer Spend	Nationwide weekly total consumer spenc census tract level, by both merchant loca and purchaser home location, across a n of categories including retail, grocery, an restaurant and bar; includes breakdown and off-line spend	ition umber d	Available through: • <u>Replica Platform:</u> Trends Dashboards & Data Downloads	
	Consumer Spend O-D Pairs	Nationwide flows at the county level, quantifying where purchasers who live in given county spend, and the home locati those who made purchases in a given co	on of		

wejo

Wejo organizes billions of data points from 13.9 million connected cars, partnering exclusively with global auto manufacturers to stream data at scale and speed. As a result, we transform and enhance big data, turning it into meaningful products that power innovations, drive efficiencies, and revolutionize mobility.



Discover more about Wejo at <u>www.wejo.com</u>.

All services listed below are a part of the contract to make Wejo data available to: TxDOT Employees & Contractors, Texas Metropolitan Planning Organizations, Texas Cities, Counties and other Local Government Entities, Universities and Research Institutes within the State of Texas, and Consultants collaborating with TxDOT.

How to get started?

an undefined on May 16, 2023

As of 05/16/2023 Wejo data is not yet available to share. TxDOT will share the process to obtain Wejo data when available. To receive notice, please email <u>txdotcatdata@txdot.cov</u> with 'WEJO DATA REQUEST' in the email subject.

For any questions, please reach out to txdotcatdata@txdot.gov or txdot@wejo.com

Please note that the following data sets are raw data available through JSON and Parquet.

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