



Freight Advisory Committee Meeting

July 26, 2022

2:30 P.M

Agenda



Killeen-Temple Metropolitan Planning Organization

Technical Advisory Committee

Tuesday, July 26, 2022

Central Texas Council of Governments Building
2180 North Main Street, Belton, Texas 76513

Regular Meeting: 2:30 P.M.

Virtual Link: [KTMPO FAC Meeting](#)

Call in Number: [+1 \(224\) 501-3412](#)

Access Code: 430-287-725

AGENDA

1. Welcome and Introductions.
2. Public Comments.
3. **Discussion and Action Item:** Regarding Approval of New Committee Members
4. **Discussion and Action Item:** Regarding the Nomination and Approval of Committee Vice Chair
5. **Discussion and Action Item:** Regarding Approval of Edits to Bylaws/Operating Guidelines
6. **Discussion Item:** Regarding the North American Strategy for Competitiveness (NASCO)
7. **Discussion Item:** Regarding the Texas Truck Congestion Analysis Tool (TCAT)
8. **Discussion Item:** Regarding Freight Needs, Issues, and Problem Areas.
9. **Discussion Item:** Ways to Collaborate with and Solicit the Freight Community.
10. Member Comments.
11. Discuss Date, Time, and Possible Agenda Items for Next Meeting.
12. Adjourn.

The Killeen-Temple Metropolitan Planning Organization is committed to compliance with the Americans with Disabilities Act (ADA). Reasonable accommodations and equal opportunity for effective communications will be provided upon request. Please contact the KTMPO office at 254-770-2200 24 hours in advance if accommodation is needed. Citizens who desire to address the Board on any matter may sign up to do so prior to this meeting. Public comments will be received during this portion of the meeting. Comments are limited to 3 minutes maximum. No discussion or final action will be taken by the Board.

Item 3:

**Regarding Approval of New
Committee Members**

Regarding the Approval of New Committee Members

BNSF has submitted a written request to include Jared Garmon, Regional Manager of Economic Development, to join the Freight Advisory Committee as their representative. BellTec Industries has also nominated Tamara Brown from their Purchasing Department to join the Committee. The requests are included in the packet.

Action Needed: Approval of prospective committee member.

Dominic Elizondo

From: Hansen, Kristin <Kristin.Hansen@BNSF.com>
Sent: Thursday, July 21, 2022 11:59 AM
To: Dominic Elizondo
Cc: Garmon, Jared
Subject: RE: KTMPO Freight Advisory Committee Membership- BNSF Interest

Mr. Elizondo,

I am writing on behalf of BNSF Railway to nominate Jared Garmon, Regional Manager of Economic Development, to join the KTMPO Freight Advisory Committee. Jared is our regional economic development manager for the area and will be able to provide perspective on rail and transposition matters. In the event that Jared is no longer able to attend, BNSF will nominate a new representative or will provide notification to remove our participation from the committee in a writing.

Thank you in advance,

Kristin Hansen

BNSF Railway

Director Economic Development

O: 817-352-3346 C: 817-374-2962



BELLTEC®

Better by Design

July 22, 2022

To Whom It May Concern:

I hereby nominate Tamara Brown to represent Belltec Industries at the KTMPO Freight Advisory Committee. She works in the Purchasing Department of Belltec Industries and has knowledge of importing and shipping, including air, ocean and over the road transportation.

Regards,

David Jones

President

Belltec Industries, Inc.

Item 4:

**Regarding the Nomination and
Approval of Committee Vice-
Chair**

Regarding the Nomination and Approval of Committee Vice Chair

At our last meeting in April, Jason Deckman was nominated and approved as the Chair of the Freight Advisory Committee. In the interest of ensuring freight industry partners are involved in the Committee, the FAC is looking to nominate a representative of a freight related company or organization as the Vice-Chair. The Vice-Chair will take over the duties of the Chair in the event of his absence, including presiding over meetings.

Action Needed: Approval of Committee Vice-Chair

Item 5:

Regarding Approval of Edits to Bylaws/Operating Guidelines

Regarding Approval of Edits to Bylaws/Operating Guidelines

The FAC utilized Operating Guidelines previously, which provided a set of procedures that were generally followed. Staff has edited and added to these guidelines to create a set of Bylaws that provide more detail of meeting operation and attendance, membership, and officer roles. Additional feedback was included from Committee members at the last meeting, as well as from KTMP staff prior to this meeting. The new Bylaws are provided in the packet below for Board discussion and approval. Modifications deemed necessary to draft FAC Bylaws are welcomed for discussion and will be incorporated by majority vote.

Action Needed: Approval of the new Bylaws.



GUIDELINES AND PURPOSE

The Freight Advisory Committee (FAC) are intended to assist KTMPO staff and Committee members with FAC operation and administration. These will become active upon FAC approval. These guidelines are not intended to act as official Bylaws, but rather acknowledgement of procedures for Committee operation. the regional freight system.

COMMITTEE RESPONSIBILITY

The purpose of FAC is to provide industry expertise and guidance to various entities regarding the regional freight system. FAC will serve to maximize the region's freight capabilities and understanding through

- Sharing information, knowledge, and technology through public and private partnerships;
- Promoting the region's freight capabilities; and
- Supporting and improving the regional freight system

FAC will educate the public and policy officials by promoting freight plans, policies, programs, projects, and partnerships as necessary. FAC responsibilities will include providing advice and guidance regarding freight activities, as well as strategic product and project review to KTMPO and its committees and subcommittees, the Texas Department of Transportation, local governments, KTMPO staff, and the general public.

COMMITTEE MEMBERSHIP

FAC members will be confirmed on an as-needed basis by KTMPO Staff. Committee members may include representatives from local, state, and federal governments, transportation agencies, educational institutions, and private industry. Public-sector members shall be technical or staff level, not elected officials. Private-sector members should possess technical knowledge of freight movements within and through Central Texas.

REQUIREMENTS

Members should be knowledgeable regarding freight industry topics in Central Texas including, but not limited to, logistics, intermodal freight, rail, and air cargo topics. Knowledge of specific freight transportation modes is also desired.

ATTENDANCE

FAC meeting attendance records will be recorded through sign-in sheets. Committee members are encouraged to send a representative if unable to attend.

APPOINTMENT LENGTH

FAC Members will be selected and serve on an as-needed basis.

MEETINGS

The regularly scheduled FAC meeting will generally occur on a quarterly schedule; additional meetings may be scheduled as needed. The FAC meeting agenda will be developed by KTMPO staff in consultation with FAC members. Meetings shall generally be held at KTMPO offices and may be scheduled for off-site locations as warranted. Meetings shall be conducted by KTMPO staff or FAC officers.

QUORUM

Thirty three (33%) of the membership will constitute a quorum.

VOTING

From time to time, Committee members may be asked to vote on a certain topic. Representatives shall be permitted to vote on members' behalf. Members or member representatives present shall constitute a quorum for action. Committee business may be accomplished by a simple majority vote of the members or representatives in attendance.



Killeen-Temple Metropolitan Planning Organization

Freight Advisory Committee

By-Laws

ARTICLE I

Name

The name of this committee shall be the Freight Advisory Committee, also referred to as FAC.

~~GUIDELINES AND~~ Purpose

The Freight Advisory Committee, hereafter referred to as FAC, is established by ~~Bylaws~~ the Killeen-Temple Metropolitan Planning Organization (KTMPPO) Transportation Planning Policy Board (TPPB) to provide industry expertise and guidance to various entities regarding the regional freight system.

FAC shall advise the KTMPPO in the consideration of policies regarding the operation and administration of the regional freight system, in order to promote cooperation and encourage economic activity.

~~These~~ ~~Bylaws~~ will become active upon FAC approval. ~~These guidelines are not intended to act as official Bylaws, but rather acknowledgement of procedures for Committee operation.~~

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FAC Responsibilities

The committee will serve to maximize the region's freight capabilities and understanding.

FAC's functions include, but are not limited to, the following:

- Identification and evaluation of existing freight capabilities in the KTMPPO region, and adjacent regions that impact freight within the KTMPPO planning area;
- Identification of needs and gaps in freight capacity and capabilities;
- Identification of policies, projects, and partnerships that can address needs and gaps;
- Sharing information, knowledge, and technology through public and private partnerships;

- Promoting the region's freight capabilities; and
- Supporting and improving the regional freight system through coordination of project planning, delivery and identification of funding needs and sources.

The FAC will educate the public and policy officials by promoting freight plans, policies, programs, projects, and partnerships as necessary. The FAC responsibilities will include providing advice and guidance regarding freight activities, as well as strategic product and project review to KTMPO and its committees and subcommittees, the Texas Department of Transportation, local governments, KTMPO staff, and the general public.

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COMMITTEE Membership

FAC members will be confirmed on an as-needed basis by the FAC. There is a limit of 20 members. The voting membership of the FAC shall be limited to 20 members representing freight interests and be representative of the area within the KTMPO boundary, and areas impacted by or which impact freight within KTMPO boundaries. Committee members may be from stakeholder groups which include, but are not limited to:

- Staff from Cities within the KTMPO Region, the CTCOG Rural Planning Organization (RPO), and adjacent Counties;
- Staff from Counties within the KTMPO Region, the CTCOG RPO, and adjacent Counties;
- Freight shipping providers;
- Companies, corporations, and non-profit organizations in industries related to or which involve freight;
- Transportation agencies;

- o KTMPO Transportation Planning Policy Board (TPPB) and Technical Advisory Committee (TAC) members; and
- o Educational institutions

Private-sector members should possess technical knowledge of freight movements within and through Central Texas. Membership will not be limited in any of these categories, but the FAC will place an emphasis on recruiting members from the freight industry.

Nomination Process

The nomination process for FAC membership will be as follows:

- ~~e The initial voting members shall be appointed in writing by entities represented on the KTMPO TPPB.~~
- o Stakeholder organizations desiring a voting position on FAC may submit a written request to the chairperson or KTMPO staff member identifying the individual proposed to represent their organization's freight interests on FAC.
- o Individual stakeholders desiring a voting position on FAC may submit a written request to the chairperson or KTMPO staff member identifying their transportation interest on FAC.
- o The voting FAC members will consider each nomination; approval of nomination requires a majority vote with a quorum present.
- o Voting members may, in writing, appoint an alternate to vote in their stead and be counted for quorum purposes.
- o Written requests may be done in the form of an email from a stakeholder organization representative, or a letter document.
- o Members should be knowledgeable regarding freight industry topics in Central Texas including, but not limited to, logistics, intermodal freight, rail, and air cargo topics. Knowledge of specific freight transportation modes is also desired.

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Terms

Voting members shall serve until they resign, or someone is appointed in their place. The written request must also indicate that the organization will commit to maintaining a representative on the Committee in case the current member representative resigns/is removed from their position at the organization. The organization will indicate that they will submit written requests for a new representative on the Committee unless it requests to be removed from the Committee.

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Ex-Officio Members

Ex-officio members shall act as a guide to the FAC. Ex-officio membership may be requested in writing, approved by the Committee, and ratified by the KTMO TPPB. Ex-officio members do not hold any voting rights.

Non-Discriminatory

There shall be no discrimination in any respect in selection of members or any activity of the FAC due to race, color, sex, religion, handicap/disability, age, or national origin.

Meetings

A. Frequency

The FAC shall meet quarterly or more frequently as needed.

B.A. Meetings Notices

KTMO staff will be responsible for all meeting notices and publicity. Specifics of the meeting will be provided to each FAC member in writing and to the general public in accordance with the provisions of the Texas Open Meetings Act. The FAC members will be notified of all meetings at least three (3) days prior to the meeting, other than emergency meetings which will be called in accordance with the Open Meetings Act.

C.B. Meeting Facilities

It will be the responsibility of KTMO staff to make arrangements for the meeting place.

D.C. Date and Time of Meetings

It will be the responsibility of KTMO staff to poll the FAC membership to select a date and time for the meeting that will be convenient for the majority of members.

The regularly scheduled FAC meeting will generally occur on a quarterly schedule; additional meetings may be scheduled as needed. The FAC meeting agenda will be developed by KTMO staff in consultation with FAC members. Meetings shall generally be held at KTMO offices and may be scheduled for off-site locations as warranted. A virtual call in option shall be available for all meetings. Any Committee member that attends online with their camera on will be counted as present towards quorum. Meetings shall be conducted by KTMO staff or FAC officers.

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E.D. Minutes

KTMPPO staff shall record and maintain attendance records and minutes of FAC meetings.

F.E. Video/Teleconferencing

Any committee member ~~may telephone or may videoconference~~ into meetings and ~~are be~~ considered "present" and ~~are counted toward the making of a quorum for the purposes of a quorum~~ if they are visible on camera and have working audio equipment, per Open Meetings Act requirements. They may also discuss and vote on any item so brought before the committee.

G.F. Attendance

Failure to attend **three (3)** consecutive meetings of the committee physically or via videoconference, without notice or the attendance of a proxy, shall constitute a resignation from the FAC.

Meeting attendance records will be recorded through **meeting minutes** and sign-in sheets. Committee members are encouraged to send a representative if unable to attend. **A warning letter will be sent out to Committee members who have missed two consecutive meetings.**

Quorum

Thirty three (33%) of the membership will constitute a quorum.

VOTING

~~From time to time, Committee members may be asked to vote on a certain topic. Representatives shall be permitted to vote on members' behalf if selected in writing ahead of the meeting. Members or member representatives present shall constitute a quorum for action. Committee business may be accomplished by a simple majority vote of the members or representatives in attendance.~~

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ARTICLE II

Officers

A. Chairperson

The Chairperson shall be chosen by a majority vote of the members present at ~~an~~ election the last meeting of the year, and prior to October 1st, with a quorum established.

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The Chairperson shall perform the duties usually assigned to the office, such as:

- o Presiding at all FAC meetings
- o Conducting business according to the Bylaws
- o ~~Appointing Committee members~~; and
- o Performing other appropriate duties

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B. Vice Chairperson

The Vice Chairperson shall be chosen by a majority vote of the members present at the election with a quorum established. In the absence of, or in the case of the inability of the Chairperson to act, it shall be the duty of the Vice Chairperson to perform all the duties of the Chairperson.

In the absence of both the Chairperson and Vice Chairperson, the FAC members shall designate a member to preside in their absence during the meeting.

Secretarial Functions

The secretarial function shall be performed by a KTMPO staff member. The staff member shall keep the minutes of all Committee meetings and shall perform such other duties as may be needed by the FAC.

Term of Office

Both the Chairperson and the Vice Chairperson shall serve one (1) year terms, and may not succeed themselves in those offices more than once. The term of office shall run from October 1st of the year of election through September 30th of the following year.

ARTICLE III

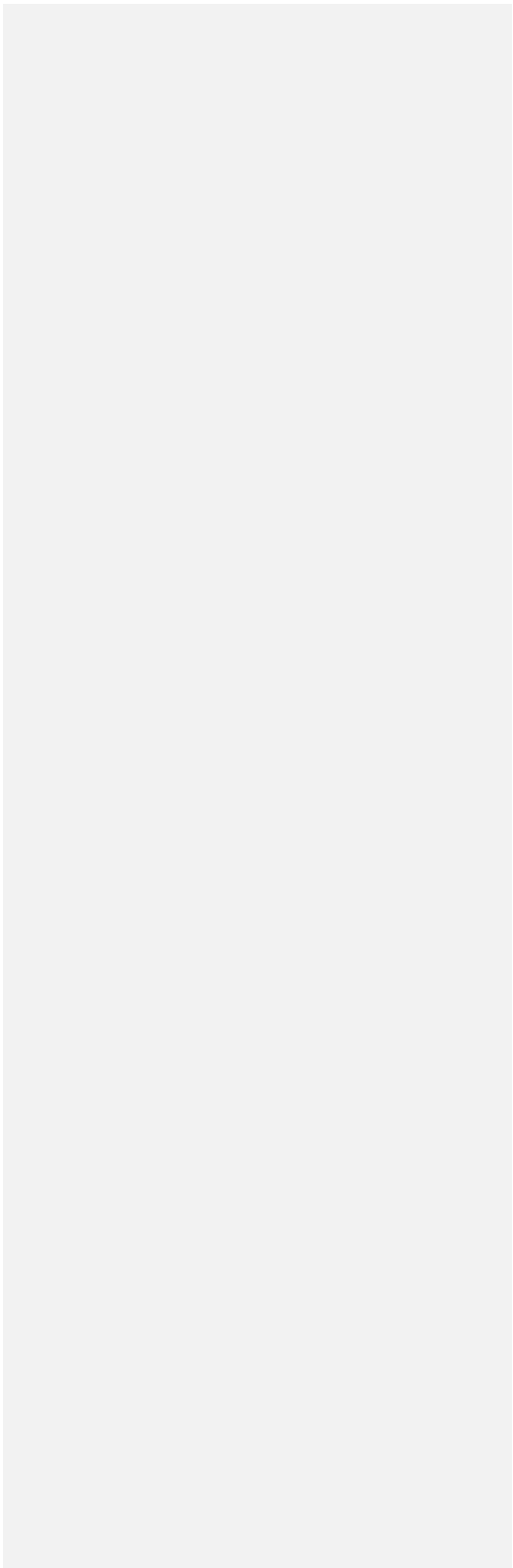
Amendments

These bylaws may be amended by a majority vote of the FAC membership present at a FAC meeting, provided that official notice of the proposed amendment is included in the agenda packets in advance of the scheduled meeting and a quorum is established.

APPROVAL

These Bylaws were approved by a majority vote of the voting members of the Freight Advisory Committee with a quorum present on _____.

FAC Chairperson	KTMPO Staff
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Freight Advisory Committee

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Quorum

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ARTICLE II

Officers

A. Chairperson

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The Chairperson shall perform the duties usually assigned to the office, such as:

- Presiding at all FAC meetings;
- Conducting business according to the Bylaws; and
- Performing other appropriate duties

B. Vice Chairperson

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Secretarial Functions

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Term of Office

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ARTICLE III

Amendments

These bylaws may be amended by a majority vote of the FAC membership present at a FAC meeting, provided that official notice of the proposed amendment is included in the agenda packets in advance of the scheduled meeting and a quorum is established.

APPROVAL

These Bylaws were approved by a majority vote of the voting members of the Freight Advisory Committee with a quorum present on _____.

FAC Chairperson

KTMPO Staff

Item 6:

**Regarding the North American
Strategy for Competitiveness
(NASCO)**

Regarding the North American Strategy for Competitiveness

Committee member Tiffany Melvin will provide an overview of the North American Strategy for Competitiveness (NASCO), an organization dedicated to the competitiveness of the North American Supply Chain, particularly along the I-35 corridor, and closing the skilled workforce gap.

Action Needed: For Discussion Only

Item 7:

**Regarding the Texas Truck
Congestion Analysis Tool
(TCAT)**

Regarding the Texas Truck Congestion Analysis Tool (TCAT)

L.D White, a research specialist at Texas A&M University's Transportation Planning Program, will provide a presentation on their Texas Truck Congestion Analysis Tool (TCAT).

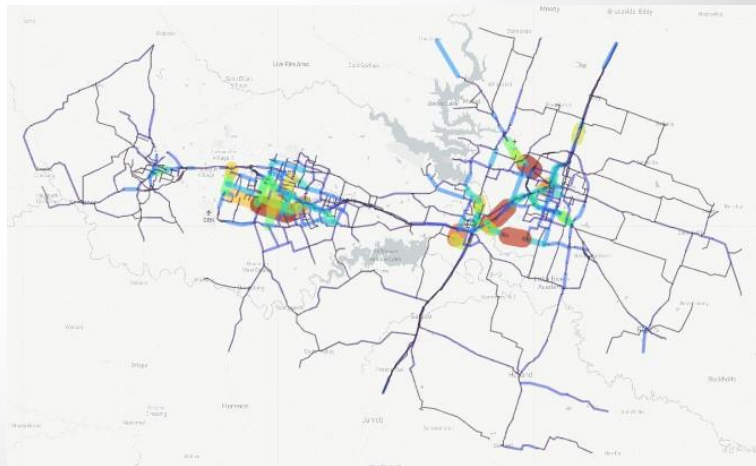
Action Needed: For Discussion Only

Texas Truck Congestion Analysis Tool (TCAT)

Analysis tool based on INRIX Speed Data and Local Traffic Volumes

Overview

- Planning tool for analyzing and monitoring congestion, primarily focused on truck congestion and roadway performance
- Main goal: get map-based roadway performance data into the hands of those who need it
 - No license, registration fees
 - No specific GIS skills required
 - Accessible by all those who have the link



What Can TCAT Be Used For?

- Regional/Geographical analysis
- Corridor Analysis
 - Custom
 - Pre-defined
- Texas Top 100 Bottlenecks – Trucks
- Visualizing Context Information
 - Projects from the TxDOT Unified Transportation Program (UTP)
 - Freight infrastructure, truck trip generators
- Monitoring parts of the Texas freight network
- Other uses

Underlying Data – Texas 100 Database

- Produced as part of the Texas 100 Most Congested Roadways effort between TTI and TxDOT
- Covers most roadways non-local roads in Texas
 - Over 241,000 road segments covering 106,000 + centerline miles of roadway across the state
 - One subset is the 10,000 + centerline miles monitored in the Texas 100 list
- Multiple years of data (2016 through 2020)

Underlying Data – Texas 100 Database

- Contains traditional mobility performance measures on annual basis for both all-vehicle and truck-only
 - Delay
 - Delay per mile
 - Congestion cost
 - Travel time index
 - Planning time index
 - Others

Underlying Data – Texas 100 Database

- All measures are stored on agency's network (RHiNo) at the road segment level
 - Flexibility in creating custom corridors
 - Provides for better relationships to other RHiNo road segment characteristics and other agency datasets
 - Sections can be saved and monitored from year-to-year
 - If speed data is not available, speeds are estimated from like segments
- All measures are speed and volume-based:
 - INRIX speed data
 - XD network conflated to RHiNo → INRIX speed data associated to RHiNo
 - RHiNo network
 - Provides roadway geometry, traffic volumes



Truck Congestion Analysis Tool (TCAT)



General Information

- [What is TCAT?](#)
- [What's New?](#)
- [Quick Reference/Basic Help](#)

Congestion Layers

- [Texas 100](#)
- [TxDOT District](#)
- [County](#)
- [MPO](#)
- [Region](#)
- [Corridor](#)
- [Search](#)

Other Links

- [Annual Truck Congestion Report Cards](#)
- [Texas 100 Methodology](#)
- [Texas 100 Executive Summary](#)
- [Contact Us](#)



Layer: Austin District

Click on a road segment to add to road segment table.

[QUICK INFO/HOVER](#)

[FILTERS/LEGEND](#)

Congestion Reporting Year:

2020

(data is for prior year)

Roadway Settings:

13,875 features

Annual Person-Hours of Truck Delay

0 86180

Leaflet | Map data © OpenStreetMap contributors, CC-BY-SA, Imagery © Mapbox

ROAD SEGMENTS

SUMMARY

CUSTOM SUMMARY

OTHER MAP LAYERS

Search



Group By

Functional Classification

<input type="checkbox"/>	Functional Classification	Miles of Highway	Lane Miles of Highway	Truck Person Hours of Delay	Truck Planning Time Index 80	Truck Planning Time Index 95	Truck AADT	Truck Vehicle Miles of Travel	Truck Reference Speed	Truck Congested Speed	Truck Travel Time Index
<input type="checkbox"/>	Interstate	109.668	561.871	1,380,033	1.634	1.807	13,252.469	500,260	64.457	58.162	1.275

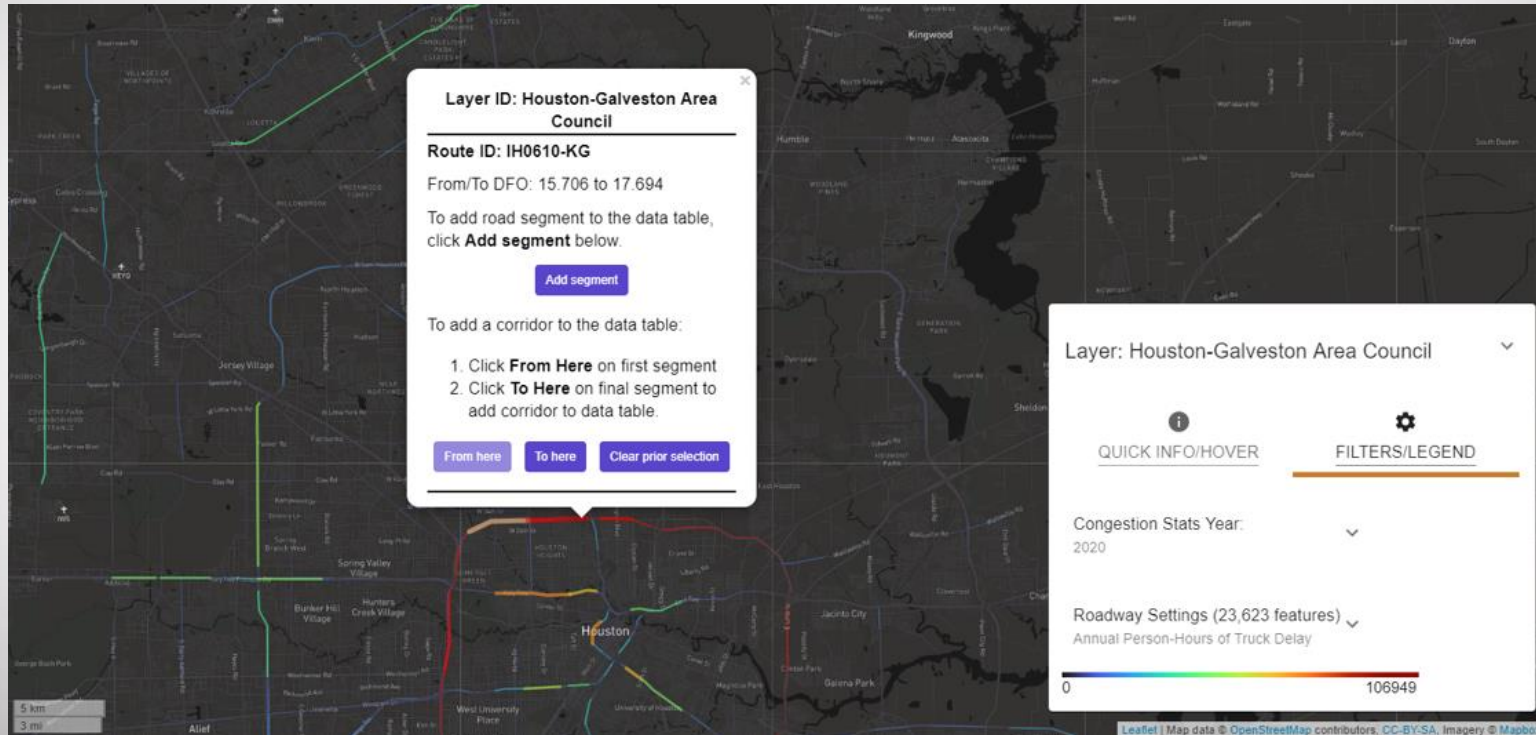
Regional/Geographical Analysis

- Various regions/geographies
 - County
 - TxDOT district
 - MPO regions
 - Other significant regions
 - Key pre-defined corridors
- Key parameters summarized across the region/geography in tabular form by:
 - Route
 - Highway system
 - Functional class
 - Rural/urban
 - Other geographies (county, district)

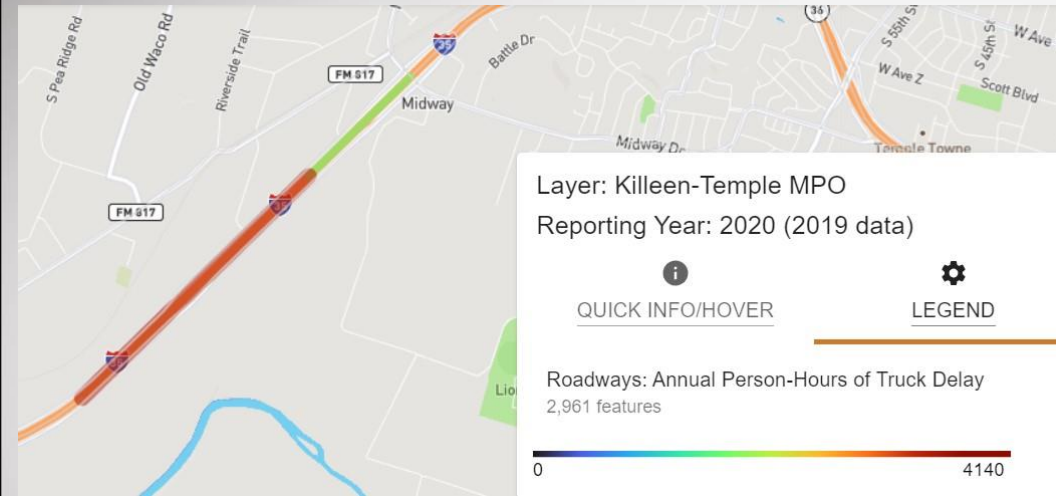
Functional Classification	Truck Person Hours of Delay	Truck Planning Time Index 80	Truck Planning Time Index 95	Truck AADT
Interstate	38,175	1.069	1.126	14,289.695
Other Freeway and Expressway	8,079	1.121	1.153	3,415.51
Other Principal Arterial	134,005	1.203	1.256	1,012.247
Minor Arterial	87,621	1.239	1.327	604.52
Major Collector	107,115	1.242	1.338	194.308
Minor Collector	3,038	1.141	1.241	57.749

Custom Corridors

- User's create corridors real time by selecting starting and ending segments
- Road segment data is aggregated to form one set of results



TCAT – Example Custom Corridor



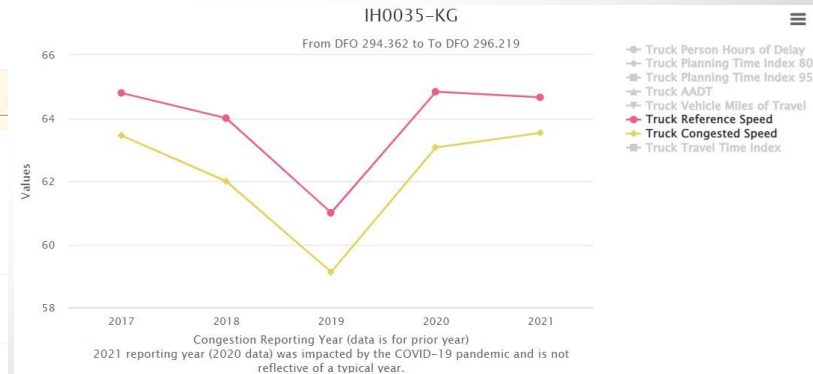
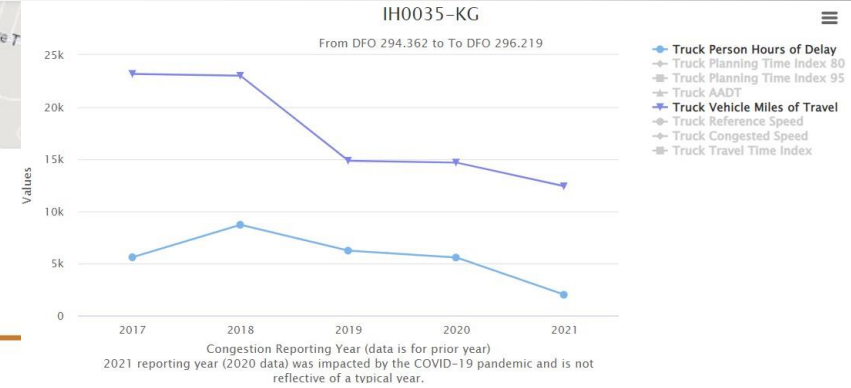
Note: 2021 reporting year (2020 data) was impacted by the COVID-19 pandemic and is not reflective of a typical year.

1 row(s) selected

CLEAR SELECTION

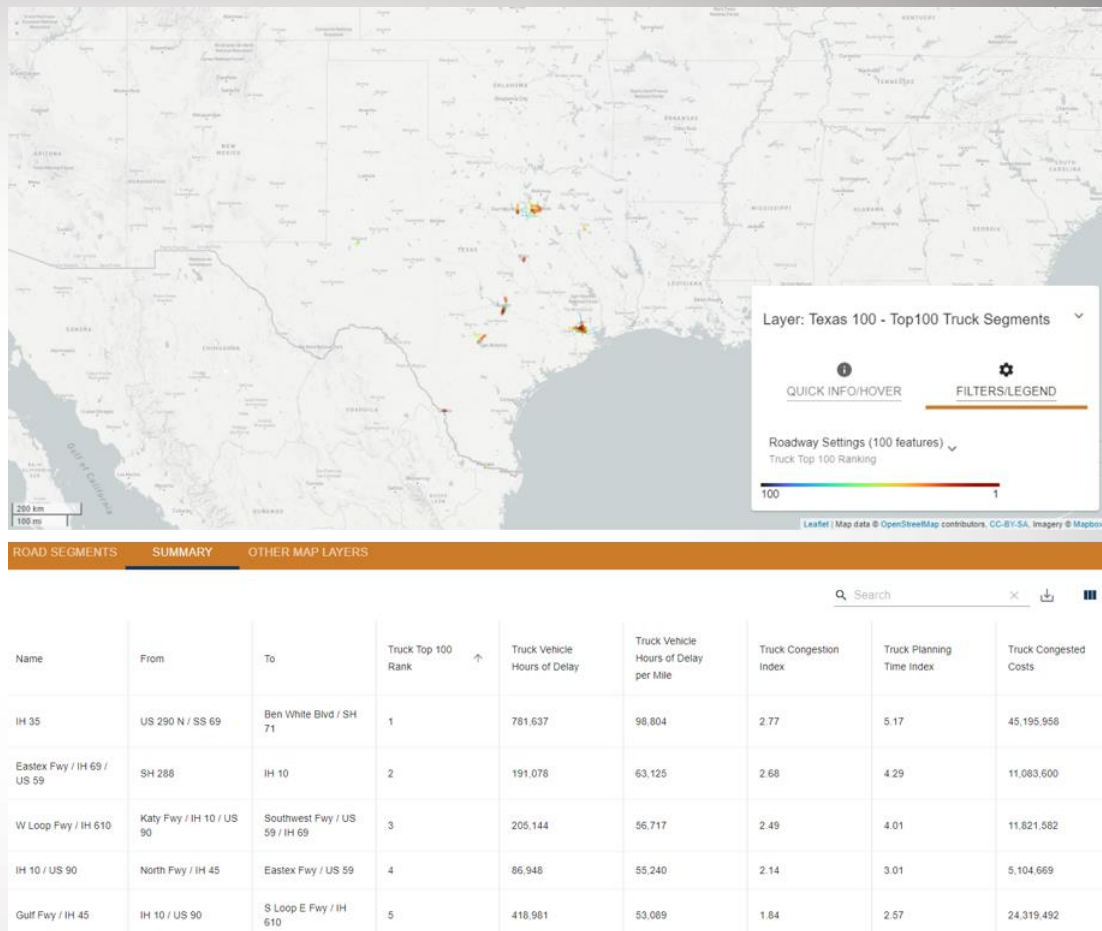
Search

<input checked="" type="checkbox"/>	Route ID	From	To	Truck Person Hours of Delay	Truck Planning Time Index 80	Truck Planning Time Index 95	Truck AADT	Truck Vehicle Miles of Travel	Truck Reference Speed	Truck Congested Speed
<input checked="" type="checkbox"/>	IH0035-KG	294.362	296.219	5,567	1.097	1.327	23,168	14,675	64.838	63.075

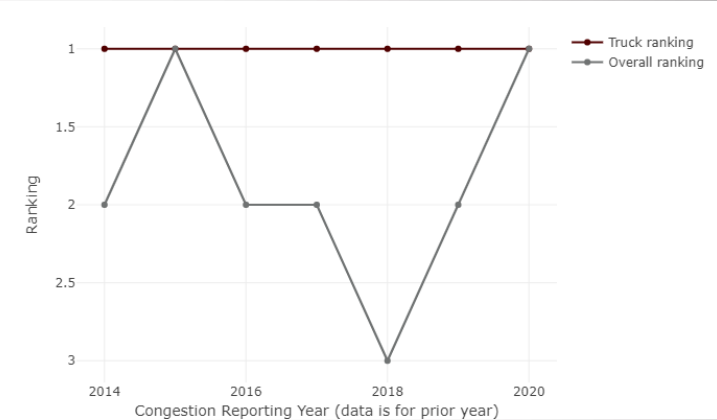
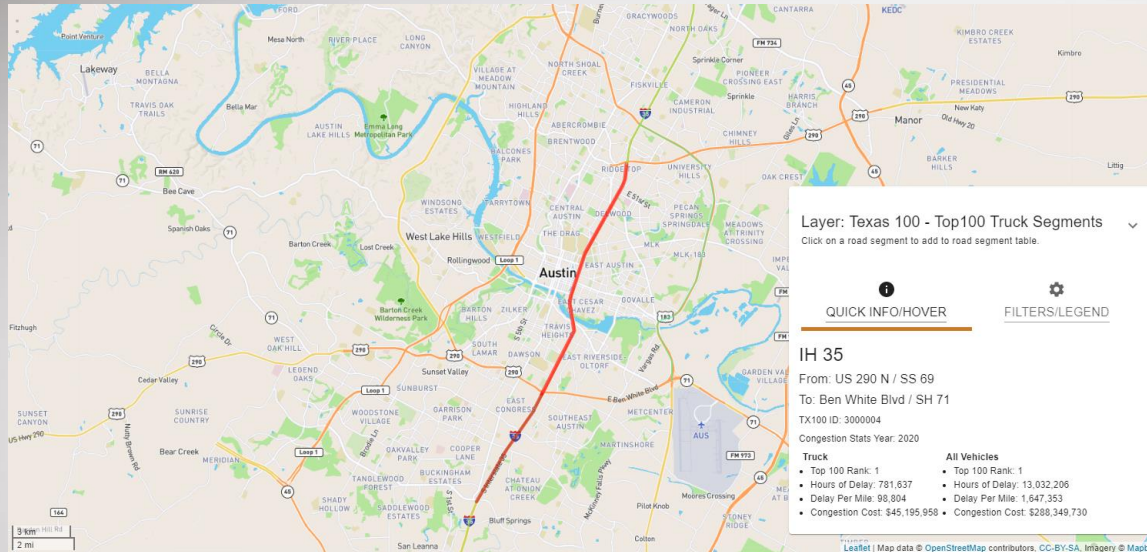


Texas Top 100 Congested Roadways

- Monitored Road Segments
 - ~ 1,800 segments covering ~ 10,000 centerline miles from all urban areas
- Top 100 Truck congested road segments
- Top 100 overall congested road segments for reference
- Summary stats are included in tabular form
- Ranking trends are included in graphical form



Example Truck Top 100 Congested Roadways



ROAD SEGMENTS SUMMARY OTHER MAP LAYERS

1 row(s) selected

CLEAR SELECTION

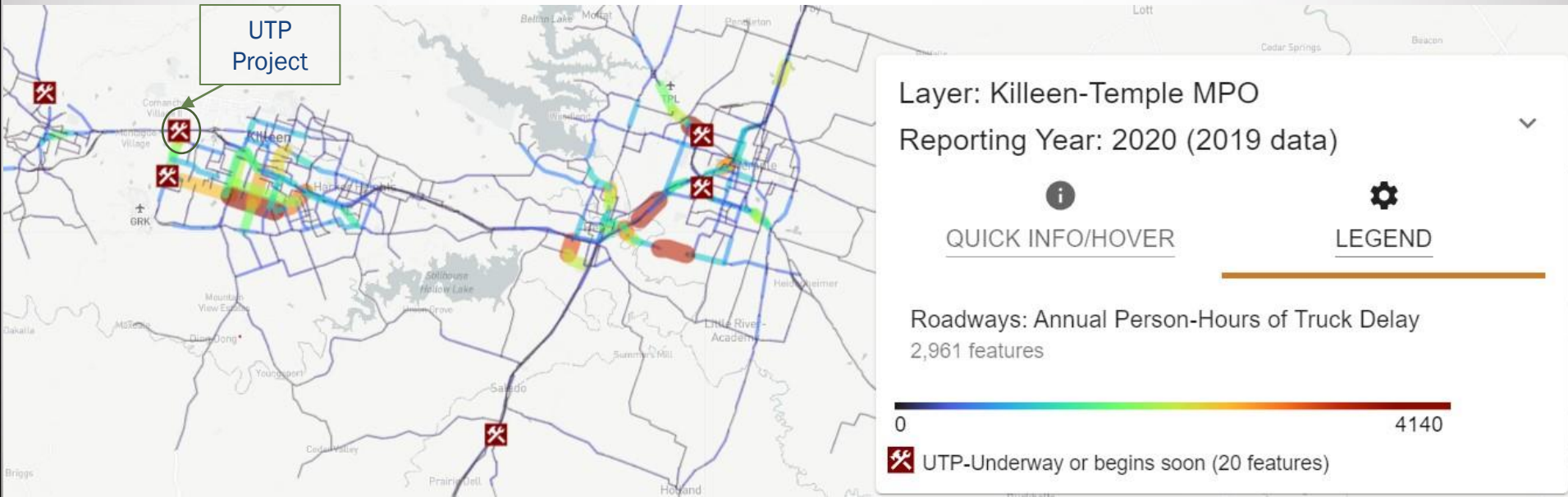
Search



<input checked="" type="checkbox"/>	Name	From	To	Truck Top 100 Rank	Truck Person Hours of Delay	Truck Person Hours of Delay per Mile	Truck Congestion Index	Truck Planning Time Index	Truck Congested Costs
<input checked="" type="checkbox"/>	IH 35	US 290 N / SS 69	Ben White Blvd / SH 71	1	781,637	98,804	2.77	5.17	45,195,958

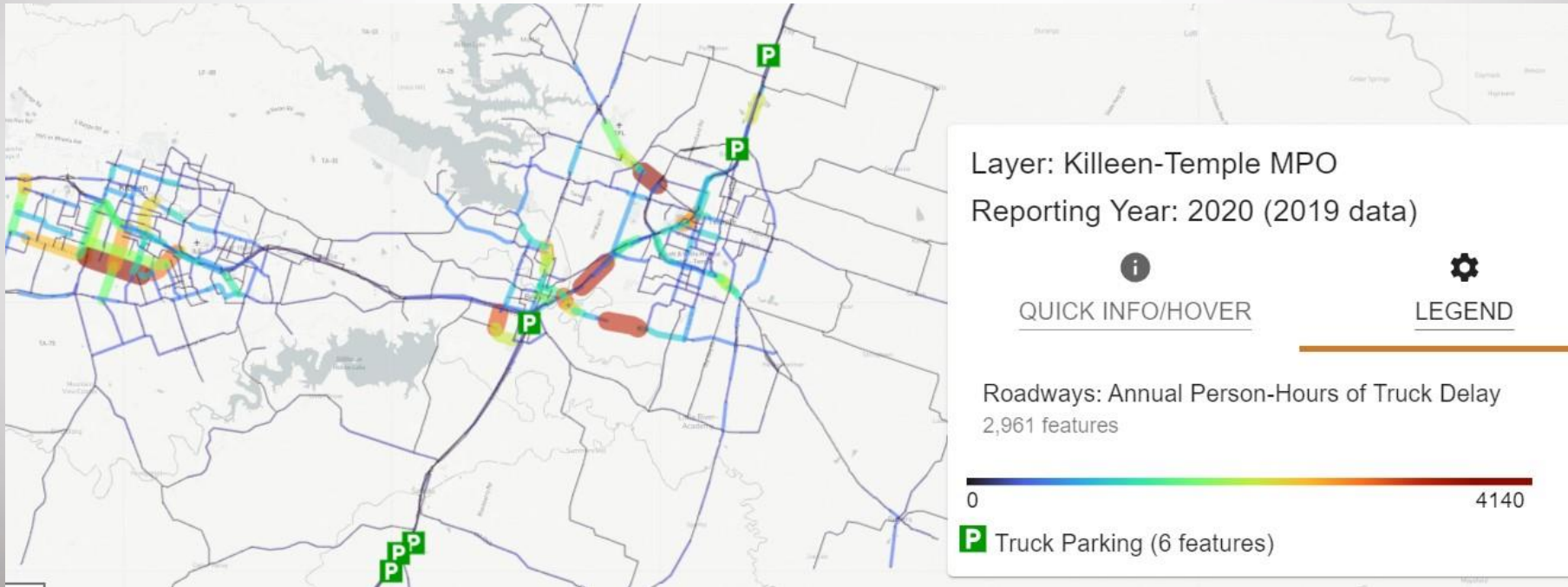
UTP Projects

- Visualize projects from TxDOT's Unified Transportation Program (UTP)
- Accessed via TxDOT Data Portal to ensure consistent output across platforms.
- Projects are separated into 4 categories:
 - Underway or begins soon
 - Begins within 4 years
 - Begins in 5 to 10 years
 - Corridor Studies, construction in 10+ years



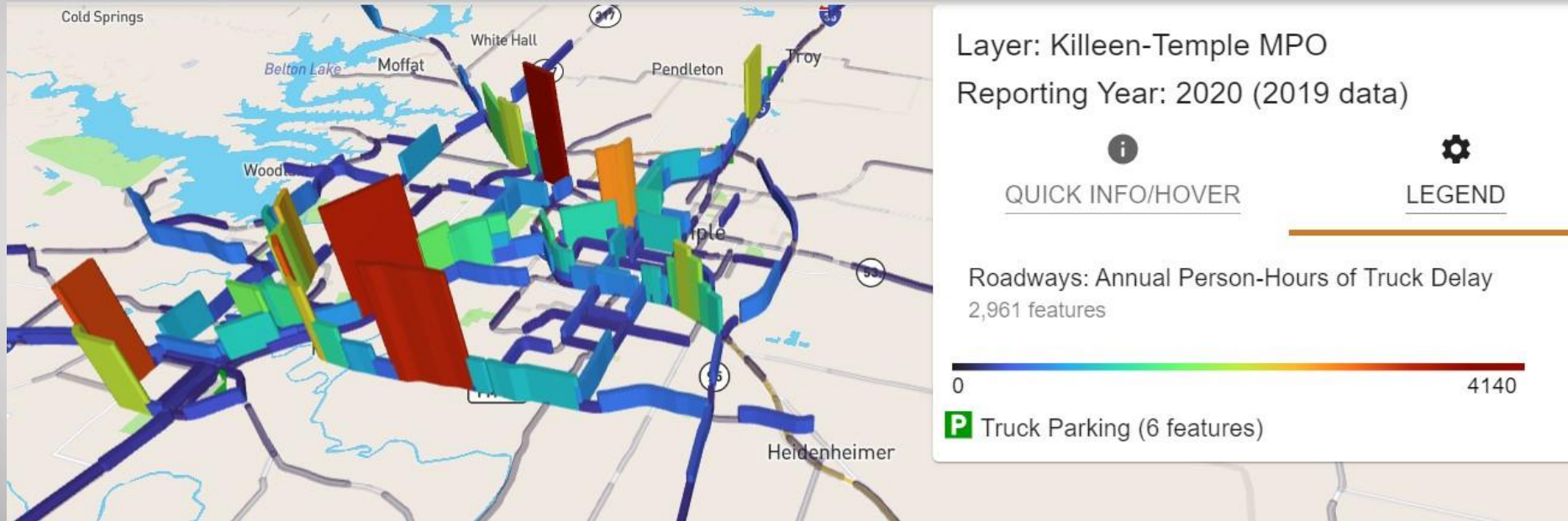
Visualize Context Information

- Allow users to visualize various activities that may impact roadway performance.
- Truck trip generators - Energy sector information (sand mines, oil disposal wells), Border crossings, Truck Parking
- Freight Infrastructure – Ports, Intermodal Facilities, Cargo airports



3-D Mapping

- Allows users to better visualize roadway performance.
- Map orientation can be changed to dynamically view the area from different perspectives



Monitored Roadways

- Built using the freight network, based on truck AADT changes, type of road.
- Multiple RHiNo segments for each monitored roadway.
- Can add new monitored sections or change extent of sections as needed.
- Can view individual road segments, trend line, and show on map.

SETTINGS/INPUTS

ROAD SEGMENTS

MONITORED ROADS

SUMMARY

CUSTOM SUMMARY

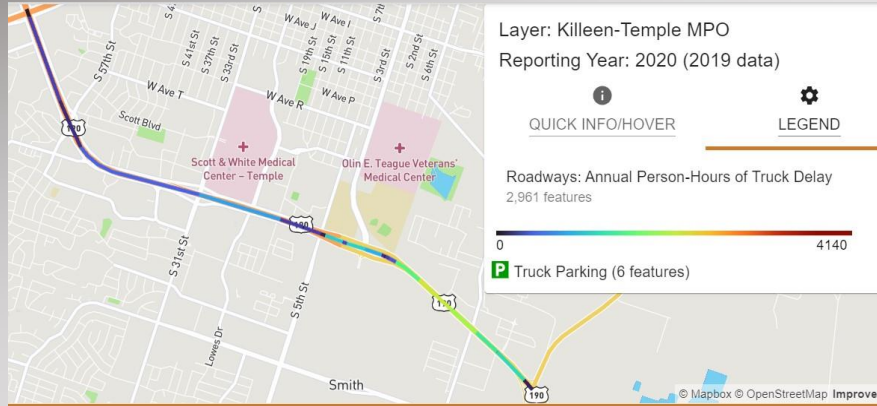
OTHER MAP LAYERS

Q

Search

×

Monitored Roadways Example



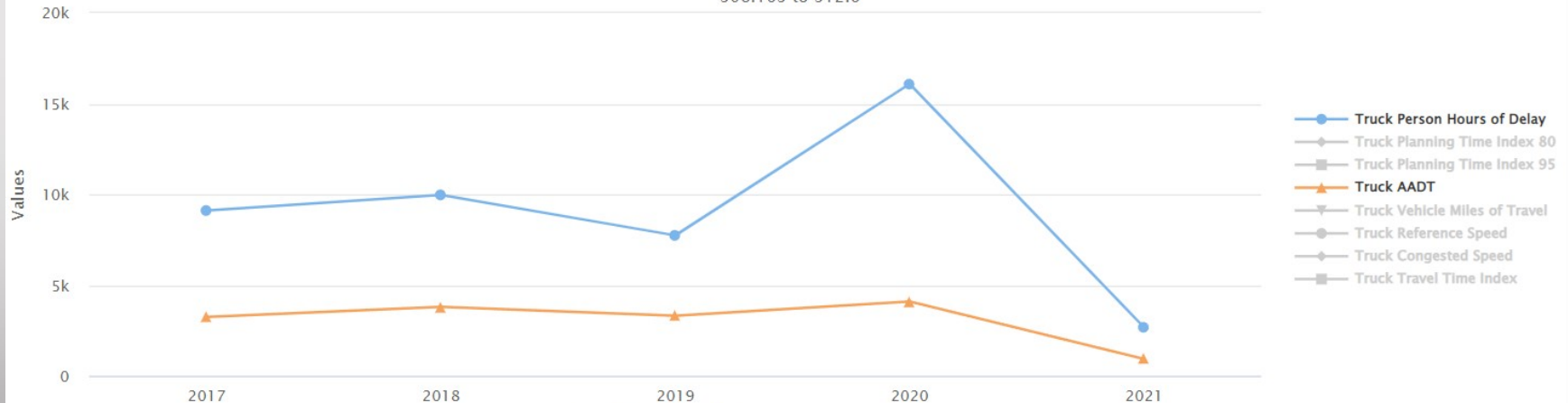
Road Segments

Search

Route ID	From	To	Truck Person Hours of Delay ↓	Truck Planning Time Index 80	Truck Planning Time Index 95	Truck AADT	Truck Vehicle Miles of Travel	Truck Reference Speed	Truck Congested Speed
US0190-KG	311.563	311.84	2,346	1.44	1.5	4,187	394	49.7	38.9
US0190-KG	311.84	312.074	2,120	1.47	1.56	4,187	333	51	39.5
US0190-KG	311.369	311.563	1,643	1.44	1.5	4,187	276	49.7	38.9

US0190-KG

308.163 to 312.6



2021 reporting year (2020 data) was impacted by the COVID-19 pandemic and is not reflective of a typical year.

TCAT – Annual Truck Congestion Report Cards

- Extension of performance measure summaries
- Provides quick access to both interactive and printable (pdf and images for presentations) summary reports
- Available for all geographies/regions included in TCAT



2019 Texas Truck Congestion Report Card



Changes in congestion are primarily due to two key parameters: speeds and volumes (shown to the left and right). Slight changes in speed would indicate the volume change is driving the change in congestion. Conversely, a slight change in volumes would indicate the change in speed is driving the change in congestion. For the purpose of this report card, VMI was used to represent the traffic volumes to capture any changes in the roadway segmentation.



Truck Summary		
Metric	Value	Yearly Change
Annual Person-Hours of Delay	13,780,864	+ -495,741
TTI	1.25	+ -5 Points
PTI - 95th Percentile	1.63	+ -12 Points
PTI - 80th Percentile	1.50	+ -9 Points

NOTE: Truck vehicle hours of delay can be calculated by dividing truck person hours of delay by 1.14

All Vehicles Summary		
Metric	Value	Yearly Change
Annual Person-Hours of Delay	266,244,100	+ -46,966,434
TTI	1.26	+ -4 Points
PTI - 95th Percentile	1.58	+ -8 Points
PTI - 80th Percentile	1.47	+ -7 Points
GHG (lbs)	1,089,301	+ -165,161
Congestion Cost (\$)	5,678,842,658	+ -701,942,994

PTI - Planning Time Index

TTI - Travel Time Index

VMT - Vehicle Miles of Travel

GHG - Greenhouse Gas

Future Updates/Enhancements

- Quarterly truck mobility reports – similar to annual report cards but more frequent, allowing for seasonal and cross-year comparisons
- Crash risk analysis
 - All crash risk – in future truck only
 - Uses Safety Performance functions built from real data across the state and applied back to locations based on the location's road characteristics
 - For example, if location has higher crashes than the benchmark for that type road (number of lanes, AADT, functional class), could be a “red” spot for potential crash risk and further evaluation.
- Truck origin-destination/select link analysis for truck top 100 congested roadways to better understand truck travel patterns on those congested roadways – yearly using INRIX trips and INRIX trajectory data

Contacts

- Texas Department of Transportation (TxDOT)
Kale Driemeier (Kale.Drieneier@txdot.gov)
Sherry Pifer (Sherry.Pifer@txdot.gov)
- Texas A&M Transportation Institute (TTI)
L.D. White (L-White@tti.tamu.edu)
David Schrank (D-Schrank@tti.tamu.edu)
Bill Eisele (B-Eisele@tti.tamu.edu)
- TCAT – <https://tcat.tti.tamu.edu>
- Annual Truck Congestion Report Cards – <https://atcrtx.tti.tamu.edu/>

Item 9:

**Regarding Freight Needs,
Issues, and Problem Areas**

Freight Needs, Issues, and Problem Areas

Staff requests the discussion of local and regional freight needs, issues and problem areas to allow FAC and staff to be knowledgeable of existing concerns and take appropriate action towards addressing them.

Action Needed: For Discussion Only

Item 10:

Ways to Collaborate with and Solicit the Freight Community

Ways to Collaborate with and Solicit the Freight Community

Staff request ways to collaborate with and solicit the local and regional freight community to capitalize upon their vast expertise for the development of committee actions, broaden the network of freight stakeholders, and to fulfill the mission of the FAC.

Action Needed: For Discussion Only

Board Members

FAC Board Membership 2022 Contact Information

Name	Board position	Title	Organization	Address	Email	Phone
Tiffany Melvin		President	North American Strategy for Competitiveness	14902 Preston Road, Suite 404-533 Dallas, Texas 75254	tiffany@nasconetwork.com	(214) 855-0129
Chris Cochran		Operations Manager	Temple & Central Texas Railway	10752 Deerwood Park Blvd., Ste. 300 Jacksonville, FL 32256	chris.cochran@patriotrail.com	618-381-3079
Jim Butler		General Manager	Group Petroleum Services	2710 Digby Road Belton, Texas 76513	jbutler@gpscarrriers.com	
Ginger Watkins		Executive Director	Cameron Industrial Foundation	102 E. First Street PO Box 432	gwatkins@cameronindustrialfoundation.com	254.697.4970
Jason Deckman	Chair	City Planner	Temple	2 N. Main St., Ste. 102 Temple, TX 76501	jdeckman@templetx.gov	(254) 298-5668
Kara Escajeda		City Manager	Nolanville	101 North 5th Street Nolanville, Texas 76559	kescajeda@nolanvilletx.gov	☎ (254) 698-6335

End of Packet