

Freight Advisory Committee Meeting

Apr. 28th, 2022

1:30 P.M

Agenda



Killeen-Temple Metropolitan Planning Organization Technical Advisory Committee

Thursday, April 28, 2022

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

Regular Meeting: 1:30 P.M.

Virtual Link: <u>KTMPO FAC Meeting</u>
Call in Number: <u>+1 (872) 240-3311</u>
Access Code: 323-188-173

AGENDA

- 1. Welcome and Introductions.
- 2. Public Comments.
- 3. Discussion Item: Regarding the Purpose and Structure of the FAC. (Pg.1-5)
- 4. Discussion and Action Item: Approval of New Board Member (Pg.6-8)
- 5. Discussion and Action Item: (Pg.9-14)
 - a. Nominate and Approve Board Officers
 - b. Edit and Approve Bylaws/Operating Guidelines
- Discussion Item: Regarding TxDOT Freight Mobility Plan Update (Pg.15-24)
- 7. **Discussion Item**: Regarding Intermodal Freight Facility and Joint Use Railroad in Ft. Hood (Pg.25-32)
- 8. Discussion Item: Regarding KTMPO Truck Parking Study (Pg.33-50)
- 9. Discussion Item: Regarding Freight Needs, Issues, and Problem Areas. (Pg.51-52)
- 10. Discussion Item: Ways to Collaborate with and Solicit the Freight Community. (Pg.53-54)
- 11. Member Comments.
- 12. Discuss Date, Time, and Possible Agenda Items for Next Meeting.
- 13. Adjourn.

Item 3:

Regarding Purpose and Structure of the FAC

Freight Advisory Committee Apr.28, 2022

Agenda Item #3

Regarding the Purpose and Structure of the FAC

KTMPO formed a Freight Advisory Committee (FAC) in late 2016 to serve as a platform for improved, safe and efficient regional freight mobility through committee partnerships with local, state and federal governments, transportation agencies, educational institutions, and private industry sectors.

Staff have prepared a flyer summarizing the FAC mission, platform, membership, meetings, and purpose as an educational and promotional tool for the freight community. As the last FAC meeting was in May.29, 2018, this will serve as a reminder of what the mission of this committee is.

Action Needed: For discussion only.



Freight Advisory Committee

Our Mission: To support and promote economic development within the KTMPO region through efficient movement of freight.

Our purpose for the benefit of the Stakeholders:

- Develop and sustain partnerships with private-sector industries, communities, agencies and other transportation stakeholders to foster greater coordination between the sectors;
- establish a platform for public involvement for freight stakeholders to discuss freight related priorities and issues;
- coordinate project planning, delivery and identification of funding needs and sources;
- implement a performance based prioritization process for freight system investment;
- increase freight expertise among stakeholders; and
- increase economic development between stakeholders.

Our purpose for the benefit of the Network:

- Strengthen our regional position as a trade and logistics hub by improving and maintaining network infrastructure and connectivity to enhance trade routes, travel time reliability and increase flow of goods;
- address current/pending state and national freight regulations;
- improve system capacity and reduce network miles at unacceptable congestion levels; and
- improve safety and environmental conditions.



Membership: Representatives from local, state, and federal governments, transportation agencies, educational institutions, and private industry sectors. Members should be knowledgeable regarding freight industry topics in the KTMPO region.

Initial members are ratified at the first Advisory Committee meeting. Thereafter, staff recommends new members and FAC approves. Alternates may be appointed by FAC members.

Attendance: Attendance will be documented via meeting minutes and sign-in sheets.

Appointment length: As needed.

Meetings: At least bi-annually, although quarterly meetings are suggested or more frequently as needed.

Voting: To approve actions, the Board needs a simple majority vote.

Quorum: 33% of voting members.

Standards of Conduct: FAC members shall comply with the KTMPO Ethics Policy and non-discrimination (Title VI) policy.



Who We Are

The Killeen-Temple Metropolitan Planning Organization (KTMPO) is responsible for coordinating transportation planning for the greater area around Killeen and Temple. The MPO is comprised of a Policy Board and Technical Committee whose members are community and county elected officials or are appointed by those officials.

By federal and state law, an MPO must be in operation in every urbanized area with a population over 50,000. The KTMPO boundary covers all of Bell County and parts of Lampasas and Coryell Counties along with portions of Fort Hood. The Central Texas Council of Governments (CTCOG) serves as the fiscal agent for the KTMPO.

What We Do

KTMPO is guided by the Metropolitan Transportation Plan (MTP). The current MTP is a 25-year Long Range Planning Document called "Mobility 2040". The MTP encompasses all aspects of transportation planning as well as transportation projects within the KTMPO region. Each local entity submits projects within their jurisdiction for possible inclusion in the MTP. The Policy Board prioritizes these projects based on the needs of the region.

How You Can Help

Input from the private industry sector is needed to inform KTMPO of issues in the transportation network related to freight transportation and ways to improve the network. What are the major truck routes? Where is congestion occurring? What barriers are there to truck movement? What actions are needed to resolve these issues? Where is development occurring? These are questions the private sector can help us answer so that we can improve freight transportation.

Item 4:

Approval of New Board Member



Freight Advisory Committee Apr.28, 2022

Agenda Item #4

Regarding Approval of New Board Member

Jason Deckman, a Planner, Design, Platting and Zoning Case Manager with the City of Temple has submitted a written request to join the FAC Board. His request is attached in the packet below for Board approval.

Action Needed: Approval of New Board Member

Dominic Elizondo

From: Jason Deckman <jdeckman@templetx.gov>

Sent: Friday, April 22, 2022 2:54 PM

To: Dominic Elizondo
Cc: Uryan Nelson

Subject: Freight Advisory Committee

Dominic -

Please include me as a member of the KTMPO Freight Advisory Committee representing the City of Temple.

Thank you,
Jason Deckman
Senior Planner - Transportation
City of Temple I 2 N. Main St., Ste. 102 I Temple, TX 76501
(254) 298-5668

MyGovernmentOnline Planning/Permitting Software is now live:

https://www.mypermitnow.org/login.aspx www.templetx.gov/planning

Due to the COVID-19 outbreak and operational adjustments there may be reduced staffing in some City departments. However, the City of Temple is committed to the health and safety of residents and our City workforce. For more information and local updates, please visit templetx.gov/coronavirus and follow us on Facebook & Instagram.

Item 5:

Nominate and Approve Board Officers/Edit and Approve Bylaws-Operating Guidelines



Freight Advisory Committee Apr.28, 2022

Agenda Item #5

Nominate and Approve Board Officers

The FAC Bylaws/Guidelines allow for Board Officers, in this case the Board Chair and Vice Chair to be selected by the Board by a majority vote. The Chairperson shall perform the duties usually assigned to the office, such as:

1. Presiding at all FAC meetings

metropolitan planning organization

- 2. Conducting business according to the Bylaws
- 3. Appointing Committee members; and
- 4. Performing other appropriate duties

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.

Edit and Approve 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. 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 nominated Board officers, and of the new Bylaws.



Killeen-Temple Metropolitan Planning Organization

Freight Advisory Committee

By-Laws

Article

GUIDELINES AND PURPOSE

The Freight Advisory Committee (FAC) Bylaws are intended to assist KTMPO staff and Committee members with FAC operation and administration. 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. The FAC was established by the Killeen-Temple Metropolitan Planning Organization (KTMPO) Transportation Planning Policy Board (TPPB) to provide industry expertise and guidance to various entities regarding 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 through coordination of project planning, delivery and identification of funding needs and sources.

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. Membership will not be limited in any of these categories, but the FAC will place an emphasis on recruiting members from the freight industry. All prospective new Board members must have a submitted written request indicating their reason for wanting to participate on the Board addressed to the Chair of the Board or FAC staff. Prospective Board members will then be approved by the FAC Board at the subsequent meeting, and subject to further approval by the KTMPO TPPB. Approval will require a quorum and majority vote by the FAC Board. Voting members may, in writing, appoint an alternate to vote in their stead and be counted for quorum purposes.

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 meeting minutes and sign-in sheets. Committee members are encouraged to send a representative if unable to attend. If a Board member misses three consecutive Board meetings without attending in person or virtually, they will be removed as a member of the FAC. A warning letter will be sent out to Board members who have missed two consecutive meetings.

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. A virtual/call in option shall be available for all meetings. Any Board member that attends online with their came ra on will be counted as present towards quorum. Meetings shall be conducted by KTMPO staff or FAC officers.

MEETING NOTICES

KTMPO staff will be responsible for all meeting notices and publicity. Specifics of the meeting will be provided to each BPAC member in writing and to the general public in accordance with the provisions of the Texas Open Meetings Act. The FAC Board 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.

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.

ARTICLE II

OFFICERS

A. Chairperson

The Chairperson shall be chosen by a majority vote of the members present at an election with a quorum established. The Chairperson shall perform the duties usually assigned to the office, such as:

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

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 Board 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 BPAC 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.

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These Bylaws were approved by a majority vote of the vo	ting members of the Freight Advisory
Committee with a quorum present on	
FAC Chairperson	KTMPO Staff

Item 6:

Regarding TxDOT Freight Mobility Plan Update



Freight Advisory Committee Apr.28, 2022

Agenda Item #6

Regarding TxDOT Freight Mobility Plan Update

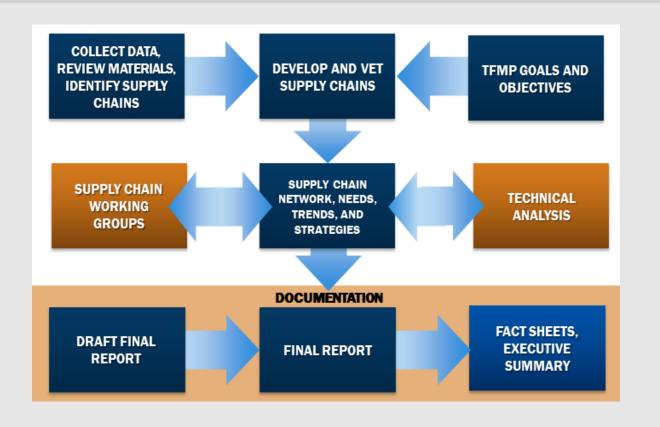
Sondra Johnson and Tyler Graham with TxDOT will provide an overview of the work done so far in updating the State Freight Mobility Plan for 2023 as required by the Federal FAST Act.

Action Needed: For Discussion Only



KTMPO Freight Advisory Committee

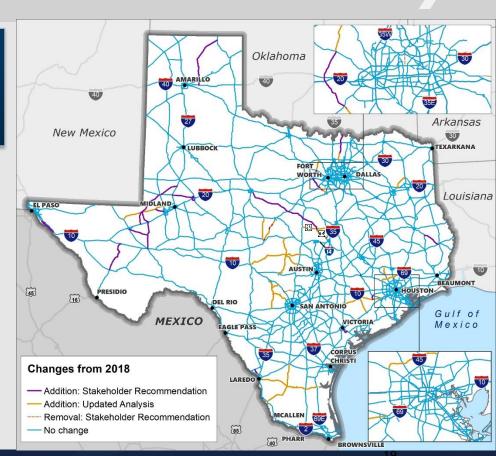
Approach Overview



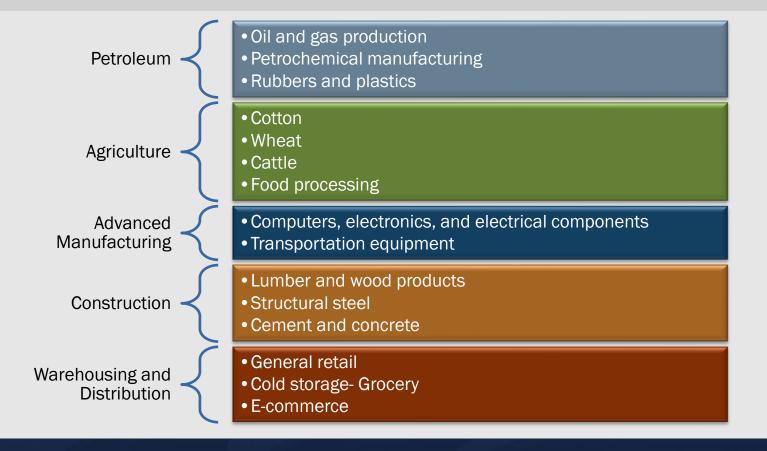
Final THFN

2018 THFN Mileage: 21,861
Additional 2023 THFN
Mileage: 1,709
Total 2023 Mileage: 23,570

- From updated analysis: US84, SH359, SH16,
 SH29, SH285, SH302, SH71, SH99, US377,
 US283, RM1871, SH36
- From stakeholder feedback: SH36, SH115,
 SH18, SH17, SH207, SH176, FM1450, SH63,
 US377, SH20, +12 others



Industries for Supply Chain Analysis



Documenting the Role of the TMFN in Supporting Key Industry Supply Chains

- Estimation of structural flows for supply chains
 - Examine sourcing, production, distribution, reverse logistics
 - Commodity flows
 - Modal usage upstream and downstream
 - Generate outputs
 - Graphical depiction of supply chain structures
 - Supply chain flows on the TMFN
- Stakeholder vetting and validation
 - TxFAC
 - Supply Chain Working Group
- Finalization of supply chain diagrams and TMFN flows



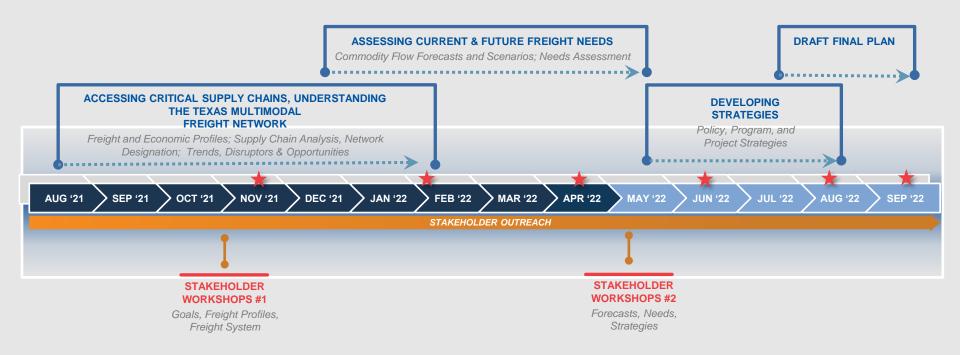


Statewide-Winter Storm 2021 Gulf Coast-Hurricane Harvey

Border Region-Farmers' protest Texas Triangle-2011 draught and wildfires Energy Regions-Pipeline cyber attack

Texas Delivers 2050 Schedule









Tyler Graham
Freight Planner, TxDOT

tyler.graham1@txdot.gov 512-354-9278 Sondra Johnson Freight Planner, TxDOT

sondra.johnson@txdot.gov 512-621-8463



Item 7:

Regarding Intermodal Freight Facility and Joint Use Railroad in Ft. Hood



Freight Advisory Committee Apr.28, 2022

Agenda Item #7

Regarding Intermodal Freight Facility and Joint Use Railroad in Ft. Hood

Keith Sledd with Heart of Texas Defense Alliance, a non-profit dedicated to the promotion the importance and sustainability of Fort Hood and all defense related industries, organizations and institutions in the Killeen-Temple-Fort Hood Metropolitan Statistical Area (MSA), will speak on plans for an intermodal freight facility and joint use of part of the railroad at Ft. Hood.

Action Needed: For Discussion Only





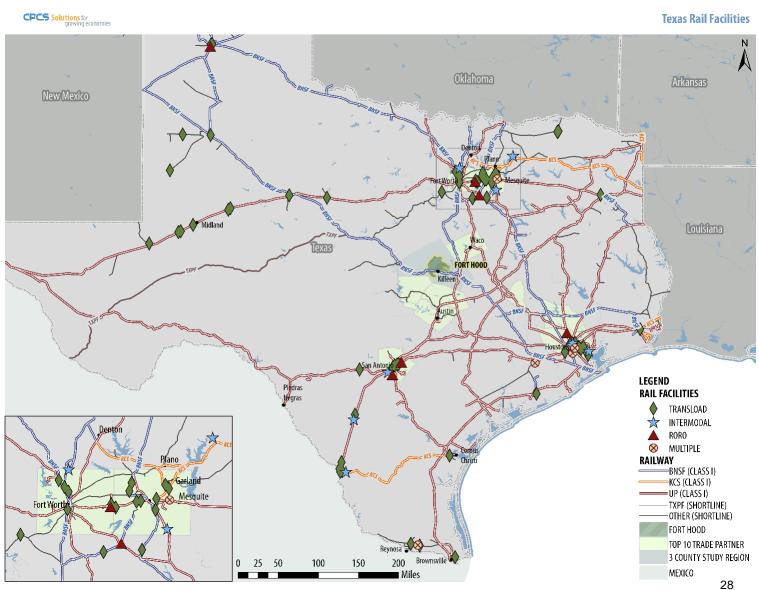
DEFENSE ALLIANCE

Multi-Modal Facility

21 April 2022



Statewide Rail Terminal Facilities





Rail/Truck Multi-Modal Facility

- 20 Dec 2018 presentation to III Corps CG, received his endorsement, and asked FHTX team to pursue.
- Joint Civilian/Military Rail/Truck Facility is Feasible.
 - ✓ Provides Fort Hood with surge capacity for rail sideload capability and semi-truck loading capability.
 - ✓ **Provides** Central Texas with potential economic driver for growth in the heart of Texas Triangle.

Market

- ✓ Catchment Area is the Texas Triangle (DFW-HOU-SAN) within ½ day's drive of CENTEX.
- ✓ Railable Commodities are estimated 7.000+ Rail Car Loadings annually with 4000+ destined for CENTEX and 3000+ originating from CENTEX.

Site Location

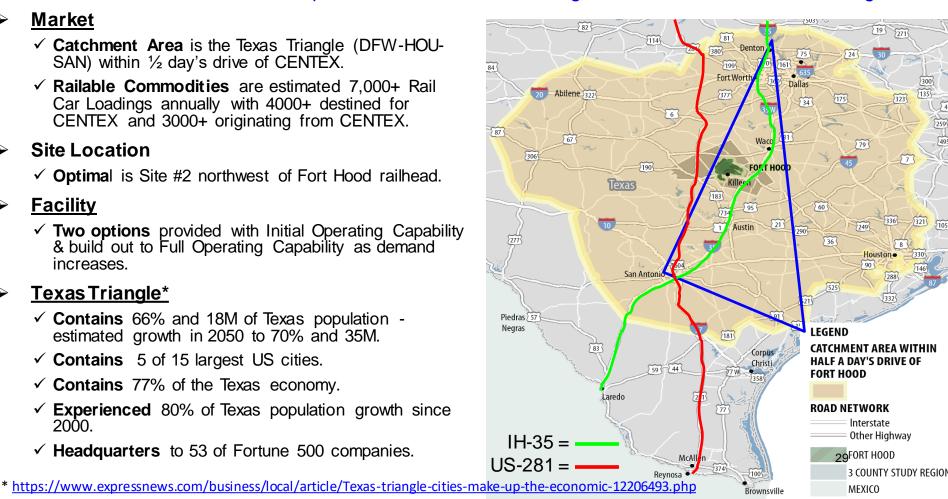
✓ **Optima**l is Site #2 northwest of Fort Hood railhead.

Facility

✓ Two options provided with Initial Operating Capability & build out to Full Operating Capability as demand increases.

Texas Triangle*

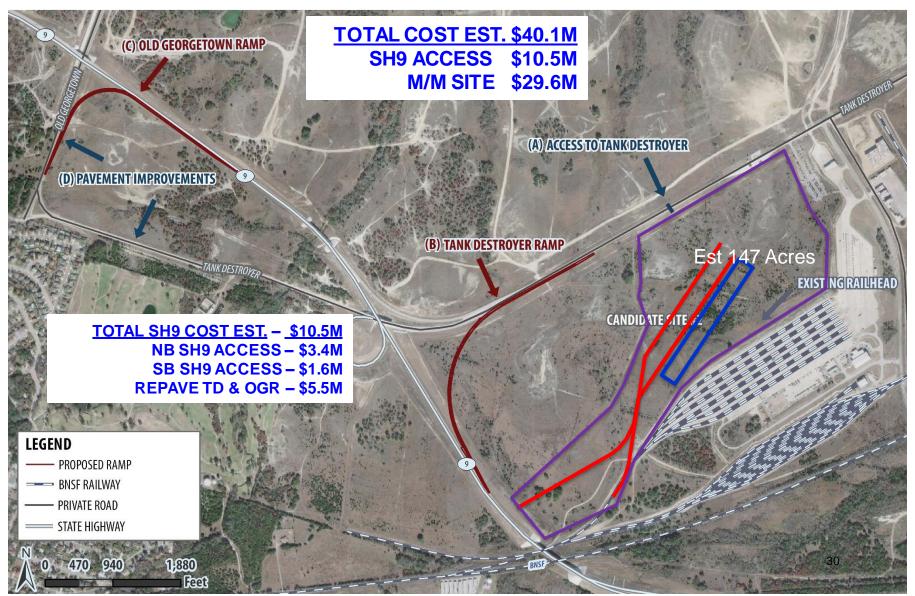
- ✓ Contains 66% and 18M of Texas population estimated growth in 2050 to 70% and 35M.
- ✓ Contains 5 of 15 largest US cities.
- ✓ Contains 77% of the Texas economy.
- ✓ Experienced 80% of Texas population growth since 2000.
- ✓ Headquarters to 53 of Fortune 500 companies.





Fort Hood Multimodal Rail/Truck Transfer Facility Feasibility Study Fort Hood Leadership Briefing—December 20, 2018

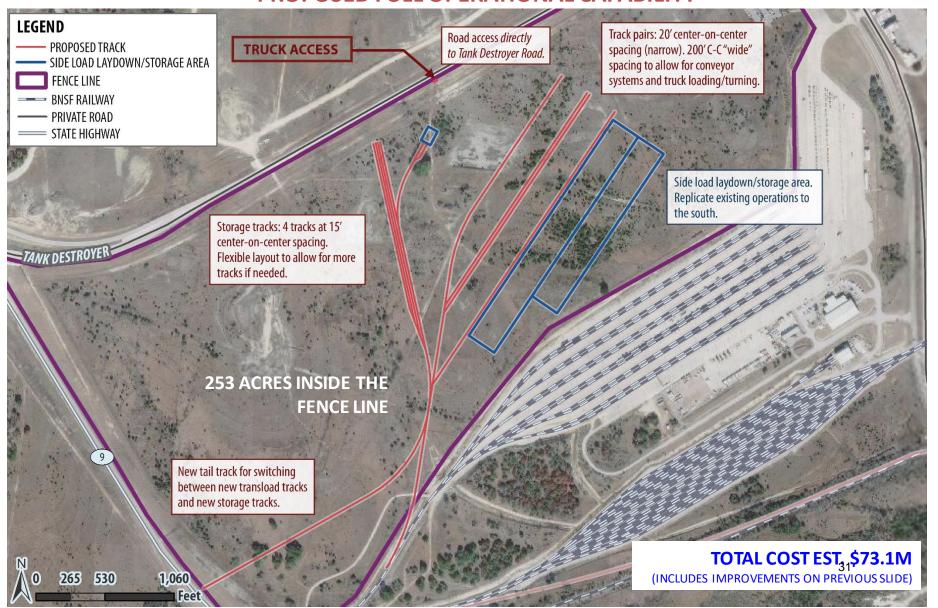
PROPOSED INITIAL OPERATING CAPABILITY





Fort Hood Multimodal Rail/Truck Transfer Facility Feasibility Study Fort Hood Leadership Briefing—December 20, 2018

PROPOSED FULL OPERATIONAL CAPABILITY





QUESTIONS/COMMENTS

Item 8:

Regarding KTMPO Truck Parking Study



metropolitan planning organization

Freight Advisory Committee Apr.28, 2022

Agenda Item #8

Regarding KTMPO Truck Parking Study

Chiranjivi Bhamidipati with consultant CDM Smith will give an overview of the Truck Parking Study done for KTMPO in 2020, including the interviews/needs, supply-demand, and policy recommendations.

Action Needed: For Discussion Only

Killeen-Temple MPO Freight Advisory Committee Meeting

Regional Truck Parking Study Findings & Recommendations



April 21, 2022





WATER + ENVIRONMENT + TRANSPORTATION + ENERGY + FACILITIES

Presented by

Chiru Bhamidipati



Study Overview

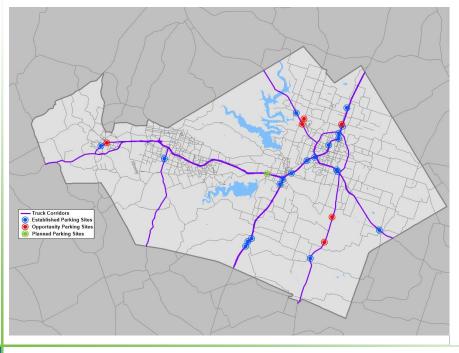
- Assessed regional freight needs and truck parking supply
- Analyzed current and forecast truck parking demand
- Identified recommended truck parking locations
- Assessed truck parking policy options

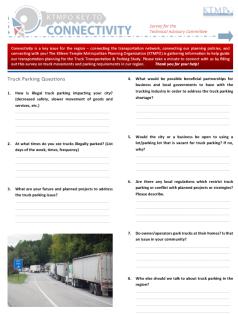






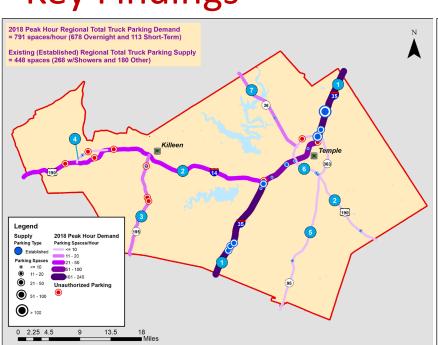
Freight Needs and Supply Assessment Key Findings



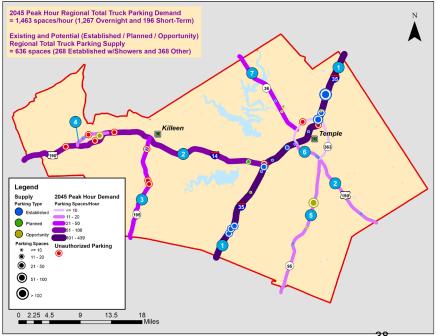


- 27 Authorized Sites with 636 parking spaces (70% existing)
- 5 of the 27 sitesIDed in theTxDOT parkingstudy
- 12 Unauthorized
 Sites IDed
 through
 outreach

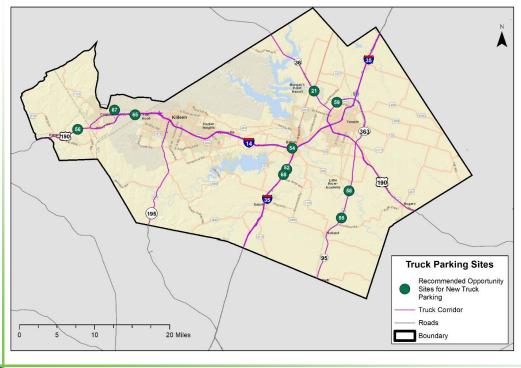
Demand Analysis Key Findings



- Mostly on I-35, also seen on I-14 / US 190
- Shortfall of 343 truck parking spaces in 2018, would increase to 827 spaces by 2045



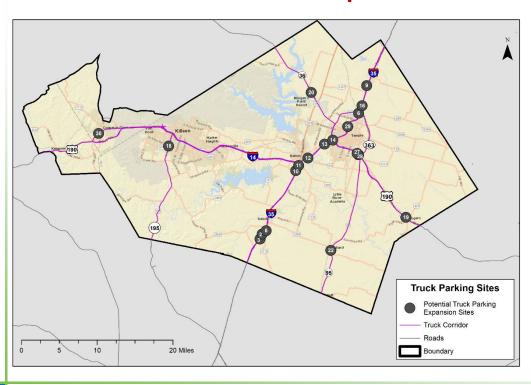




10 sites based on the following evaluation:

- Are there active plans for developing this property? (if yes, please provide details)
- 2 Are there active plans for developing surrounding land which may result in conflicts? (if yes, please provide details)
- 3 Is increased truck traffic acceptable at this site? (If no, please provide details)
- 4 Are there any conflicts with zoning or other regulatory issues? (if yes, please provide details)
- 5 Are there any conflicts with environmental issues? (if yes, please provide details)
- 6 Are there any conflicts with other transportation modes? (if yes, please provide details)
- 7 Is it practical to develop this site with amenities?
- 8 Overall, would you recommend this site for development for truck parking?

Recommended Expansion Locations



- 19 existing sites that are a mix of:
 - Public and private
 - Formal and informal
 - Different amenities
 - Truck stops and other businesses



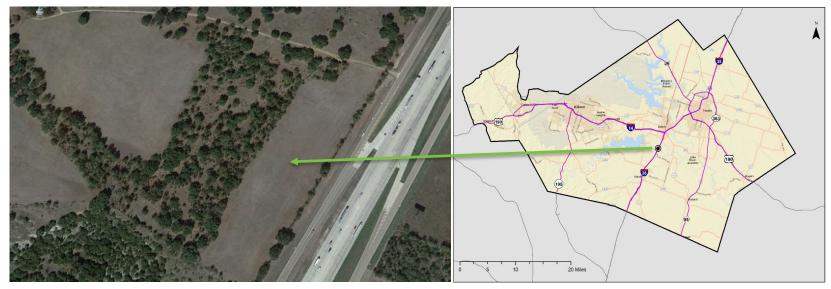
Recommended Policy Options

KTMPO Role	Policy
Lead	1. Consider future sites on I-35
Lead	2. Consider small lots for truck parking
Lead	3. Develop design guidelines for truck parking
Lead	4. Meet with opportunity site owners to explore options
Lead	5. Coordinate with Fort Hood on the Joint Use Facility
Lead	6. Focus on low-cost amenities
Support	7. Change zoning for opportunity sites
Support	8. Partner with TxDOT to expand I-35 rest areas
Support	9. Create incentives for businesses to allow truck parking
Support	10. Levy a local fuel tax to help build new truck parking

Policy
11. Partner with TxDOT for FHWA Interstate Oasis program
12. Partner with TxDOT to expand or upgrade existing pull-offs/rest areas
13. Participate with TxDOT in awareness campaigns
14. Seek economic development funds to help develop truck parking
15. Partner with freight generators to provide/promote truck parking
16. Identify large venue lots that could be used for parking
17. Indemnify large retailers against risk from allowing truck parking
18. Designate areas for long term street or overnight parking
19. Find a private partner to develop a paid parking lot
44

Policy Option 1 – KTMPO Lead

Consider future sites on I-35



Potential Future Truck Parking

KILLEEN-TEMPLE METROPOLITAN PLANNING ORGANIZATION Regional Freight Transportation & Parking Study

Policy Option 2 – KTMPO Lead

Consider small lots for truck parking

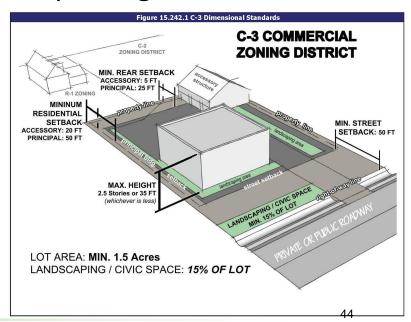




Policy Option 3 – KTMPO Lead

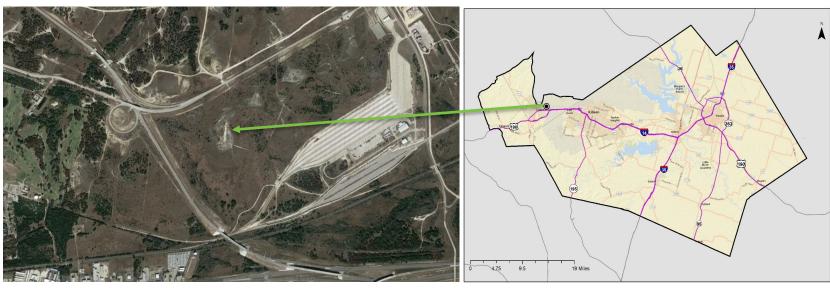
Develop design guidelines for truck parking





Policy Option 5 – KTMPO Lead

Coordinate with Fort Hood on the Joint Use Facility



Potential Future Truck Parking

Policy Option 11 – KTMPO Support

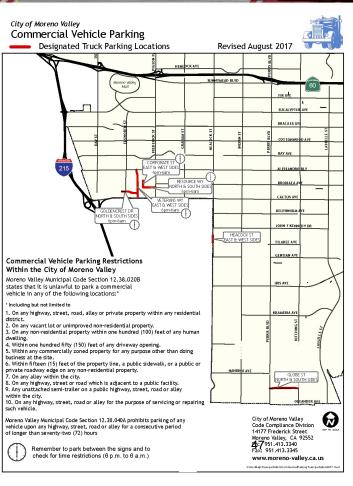


- FHWA Interstate Oasis program
 - Partner with TxDOT and Private travel center operator



Policy Option 18 – KTMPO Support

- Designate areas for long term street or overnight parking
 - Appropriate areas include industrial parks, freight generators
 - Couple with signage to advise drivers where/when they can park





Q&A and Discussion



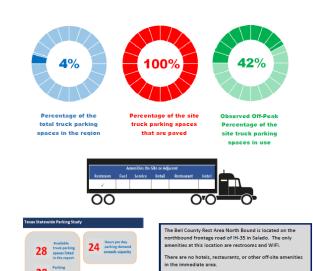
Truck Parking Site #1 Profile

Bell County Rest Area North Bound
Interstate Highway 35 at Mile Post 281, Salado, Texas





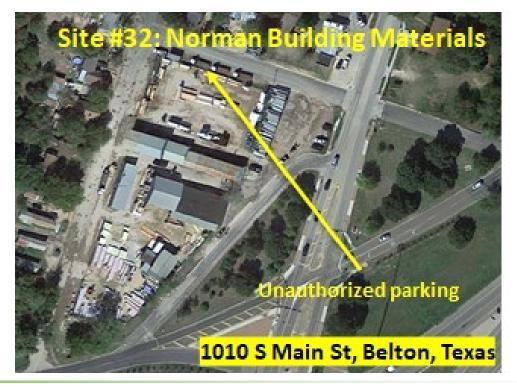
TxDOT's Estimated Peak (1 am to 2 am)







Example Unauthorized Site



Item 9:

Regarding Freight Needs, Issues, and Problem Areas



Freight Advisory Committee Apr.28, 2022

Agenda Item #9

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



Freight Advisory Committee Apr.28, 2022

Agenda Item #10

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@gpscarriers.com	
Ginger Watkins		Executive Director	Cameron Industrial Foundation	102 E. First Street PO Box 432	gwatkins@cameronindustrialfoun dation.com	254.697.4970
Jason Deckman		City Planner	Temple	2 N. Main St., Ste. 102 Temple, TX 76501	jdeckman@templetx.gov	(254) 298-5668
David Blackburn		Bell County Judge	Bell County	101 E. Central Avenue Belton, Texas 76513	david.blackburn@bellcounty.texa s.gov	254.933.5105
Kara Escajeda		City Manager	Nolanville	101 North 5th Street Nolanville, Texas 76559	kescajeda@nolanvilletx.gov	(254) 698-6335

End of Packet