



Central Texas *ON THE MOVE*



2180 N. Main Street Belton, TX 76513

Winter 2017

Planning for Future Corridors

Having a comprehensive plan is essential in developing a regional transportation network. A plan helps us identify the needs of local communities and the region and develop strategies to address these needs. To develop a diverse, comprehensive transportation network, KTMPO is currently in the process of developing a Regional Multimodal Plan (RMP). The RMP will incorporate the regional thoroughfare network, bicycle/pedestrian network, transit system, freight routes, passenger rail, and airports into a comprehensive transportation plan.

Do You Travel “Multimodal”?

A multimodal transportation system provides a variety of transportation options to meet the needs of a diverse population. It allows a traveler to incorporate different modes of transportation into a trip. For example, most people may use their vehicle to go from their home to work. In a multimodal trip, one may walk to a bus stop, ride the bus, and then walk from the bus stop to their work place. In this case, walking and public transit are the two modes of transportation. This is considered multimodal transportation because two modes of transportation were used for a single trip.



Bike racks are installed on all of the HOP buses. This allows people to ride their bike to a bus stop, attach their bike to the bus, ride the bus, and then ride their bike to their final destination

Benefits of a Multimodal System

A multimodal transportation system provides transportation options that appeal to a diverse population. Going multimodal can also result in cost savings. According to the American Public Transportation Association (APTA), people can save over \$9,000 a year by giving up their car and using public transportation instead. Buses can transport a large number of people which may take cars off the road.

Fewer cars on the road equals less congestion and reduced emissions in the air. According to the APTA, a single commuter switching to public transportation can reduce a household's carbon emissions by 10% and up to 30% if a second car is eliminated. By incorporating various modes of transportation into your daily routine, you may save money, reduce congestion, protect air quality and improve your health. This all equates to improved quality of life.

Get Involved

KTMPO is asking for your help in providing us with information to help guide our transportation planning for the RMP. Please fill out the attached survey to provide us with your feedback. Your input is valuable in identifying the needs of the region. You can also provide information to us through our web maps. KTMPO has two web maps that help us identify where bicycle, pedestrian and freight issues are located. To access the bicycle/pedestrian and freight web maps, visit www.ktmpo.org/roadway/maps-and-data/.

Contact Us

Contact us for more information about our services.

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Quality of Life

How do you define “Quality of Life”? Quality of life is the general well-being of individuals and society, outlining negative and positive features of life. It observes life satisfaction, including everything from physical health, family, education, employment, wealth, religious beliefs, finance and the environment. Transportation plays a role in enhancing quality of life. Incorporating initiatives such as Context Sensitive Solutions and Livability into transportation projects can increase economic development, sustainability, sense of community, and public health—all key elements for high quality of life.

Context Sensitive Solutions (CSS)

CSS is the consideration of the local area's built and natural landscape; takes into account the environmental, scenic, aesthetic, historic, community, and preservation impacts of a road project; and provides access to and/or facilitates other modes of transportation such as cycling, walking, and public transit. Characteristics of CCS include communication with many diverse stakeholders, public involvement, and information on the area's landscape and valued resources.

Livability in the Planning Process

Livable communities are communities where transportation, housing and commercial developments have access to adequate, affordable and environmentally sustainable travel. Communities that are successful in implementing livability into the planning process are better able to integrate transportation and land use; provide a greater focus on multimodal transportation; provide more available options to housing, jobs, and services; and reduce vehicle emissions.

On March 5, 2018, KTMPO will be hosting a free one day workshop on *Promoting Livability in the Transportation Planning Process*. Speakers from Federal Highway Administration, Texas Transportation Institute, Environmental Protection Agency, Ft. Hood, Housing & Urban Development, Hill County Transit District, and Texas Department of Agriculture will provide information on their respective agency's role in livability. Please contact KTMPO for more information.



I-35 Northbound Frontage Rd at Salado Plaza Dr.: The mural on the retaining wall of the I-35 main lanes in Salado depict Salado's history as an important stagecoach stop. TxDOT incorporated Context Sensitive Solutions such as the Salado mural into the I-35 reconstruction project.

Texas Transportation News:

The Texas Bullet Train

Texas Central Partners has been working to develop a new high-speed passenger rail system that will allow people to travel from Dallas to Houston in less than 90 minutes. Once constructed, this high speed train will be the first high speed train project in Texas and the United States. This project is in the process of getting approval from various federal agencies to include the US Dept. of Transportation and Environmental Protection Agency. For more information on the Texas Bullet Train, please visit www.texascentral.com/.



The N700 Series Shinkansen pictured above is the same model train that will be used for the Texas Bullet Train.

Automated Vehicular Cars

The State of Texas is providing legal means for companies to develop and test automated motor vehicles. Senate Bill 2205 implements safety requirements for automated vehicles. This is one step the state has taken to implement automated vehicles and make Texas roads safer. In 2016, an estimated 3,773 people were killed on roadways in Texas with a majority caused by driver error. Automated Vehicles may have the ability to prevent crashes caused by driver error which can help make traveling safer and potentially save lives.



Pictured above is one of Google's self driving prototypes. Self driving cars may be on the road as early as 2020.

Connectivity is a key issue for the region – connecting the transportation network, connecting our planning policies, and connecting with you! The Killeen-Temple Metropolitan Planning Organization (KTMPo) is gathering information to help guide our transportation planning for the Regional Multimodal Plan. Please take a minute to connect with us by filling out this survey on goals and options for developing a balanced transportation system for our region. **Thank you for your help!**

1. **Balancing and supporting all transportation modes is a primary goal of the Regional Multimodal Plan. Please mark how important you think these potential balancing strategies are for the region.**



(1=minor and 5=important)

Streets should provide design features to promote the safety of all modes, even if it means reducing vehicle speeds.

☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5

Public transit, bicycling, and walking require additional street design features to make them pleasant, safe, and practical.

☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5

Strategies to balance transportation modes should concentrate on collector streets and roads close to schools and parks, and not on higher-volumes and higher-speed routes.

☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5

The entire transportation system should be available for every transportation mode so that all destinations are reachable by all modes.

☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5

Other balancing strategies _____

2. **The Regional Multimodal Plan defines the characteristics of area roads. Please indicate how important each characteristic is to you. (1=minor and 5=important)**

Wide lanes	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Turn lanes	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Wide shoulders	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
On-street parking	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Bike lanes	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Walkability	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Landscaping	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5

3. **Are there any areas that you avoid because of the character of the road? Please indicate the features that concern you. (1=minor and 5=important)**

Rough pavement	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Too much traffic	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
High speed traffic	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Inadequate sidewalk	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
No bike lane	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Other features to avoid	_____				





4. Are there any gaps or barriers in the transportation system that make it harder for you to get where you need to go? Please describe the gaps or barriers and their locations.



5. Please indicate your view on the important elements that would affect how much you ride The HOP. (1=minor and 5=important)

Distance to the bus stop	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Shelter at the bus stop	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Shorter travel time	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Extended service hours	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Service to more places	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
Other elements	<hr/>				

6. Are there any other concerns you have with the transportation system that you would like to tell us about that can make it more balanced and more supporting of all transportation modes?

Please help us evaluate our outreach effort by telling us the zip code where you live. This will help us track responses to make sure that we are connecting with people throughout the region, and that we aren't missing any geographic areas.

If you would like us to connect with you further so you can provide additional information or comments, please list your contact information.

More options for connecting with the Killeen-Temple Metropolitan Planning Organization (KTMPo) can be found on our website at <https://ktmpo.org/roadway/maps-and-data/>. Use the apps for the interactive Bicycle & Pedestrian Map to draw in your suggestions for new bike routes, paths, or sidewalks, or drop a marker in the Freight & Safety Map to show hazard areas.

BPAC Update

For the past year, the Bicycle/Pedestrian Advisory Committee (BPAC) has been busy identifying corridors that currently lack bicycle and/or pedestrian facilities. The BPAC will be conducting a second project tour at the January meeting.



FAC Update

KTMPO has developed a Freight Advisory Committee to address our region's needs and issues in freight transportation. KTMPO has received input from the freight community where companies are facing issues moving goods. The next meeting will be held in February.



US 190 Feasibility Study Update

KTMPO, with support from TxDOT, is conducting a feasibility study to explore options for upgrading and possibly relocating US 190 east of I-35. On November 30, 2017, over 200 people attended the US 190 Open House. Citizens were given the option to view the conceptual alignments and provide comments on the proposed routes. For more information about the US 190 Feasibility Study, please visit www.ktmipo.org/.

Monthly Maximum 8-hr Ozone Readings for 2017 (Parts per billion) As of December 13, 2017

Month	Killeen	Temple
January	51	53
February	62	61
March	59	58
April	71	69
May	69	75
June	72	67
July	61	64
August	70	66
September	69	80
October	62	64
November	58	61
December	51	53

EPA Final Ozone Designations

On November 6, 2017, the Environmental Protection Agency (EPA) finalized their ozone designations for most areas in the United States. A total of 2,646 counties, two tribal areas, and five territories were designated as "attainment/unclassifiable." Bell, Coryell, and Lampasas Counties were included in this designation because the Design Value at both the Killeen and Temple stations were under the 70 parts per billion (PPB) standard.

Even though the KTMPO region was designated as "attainment/unclassifiable," that does mean that we can ignore the ozone issue. To help keep our air clean, please see the tips below.

Clean Air Tips:

- Walk, ride your bike, use public transit or carpool to reduce emissions.
- Combine errands into one single trip.
- Refuel your car in the evening when the day is cooling off.
- Avoid idling as much as possible.

2014-2016 Design Value

Station	Parts Per Billion
Killeen	67
Temple	67

2015-2017 Design Value as of December 1, 2017

Station	Parts Per Billion
Killeen	67
Temple	69

Remember...Ozone is Good Up High, Bad Nearby!!!

Belton's New Roundabout



The new roundabout at Sparta Rd and Commerce St. in Belton.



Interstate 35 Construction Update

Estimated Completion Dates:

Troy: Fall 2018

Temple: Spring 2019

For more information please visit www.my35.org.

Check out our Fitness Friendly Business!

Barrow Brewing Company—Salado

Salado Glassworks—Salado

Springhouse!—Salado

Strawberry Patch—Salado

Lonestar eBikes—Salado

Visit www.ktmpo.org to find out services each business

A business is considered Fitness Friendly if it offers amenities that promote an active lifestyle like walking and biking.

For more information, please visit www.ktmpo.org.

Have you Checked These Out?



<https://www.tcfound.org/>



<http://www.takethehop.com/>

How You Can Get Involved

KTMPO MEETINGS: The public is encouraged to attend various KTMPO meetings including the Technical Advisory Committee (TAC) and Transportation Planning Policy Board (TPPB). The public is given an opportunity to speak at these meetings and have their voices heard. Please visit <http://www.ktmpo.org/meetings/> for meeting dates.

ADVISORY COMMITTEES: We currently have a Bicycle/Pedestrian Advisory Committee and a Freight Advisory Committee. If you wish to attend these meetings or serve on one of these committees, contact KTMPO staff for more details.

PUBLIC HEARINGS: Public hearings are held to receive comments on changes to KTMPO documents to include the Metropolitan Transportation Plan (MTP) and Transportation Improvement Program (TIP). Members of the public are encouraged to fill out a public comment form during public involvement periods. A general contact/comment form is also available at <http://www.ktmpo.org/contact/>.

KTMPO VOTING REPS: To contact your TAC and TPPB voting representatives please visit <http://www.ktmpo.org/about/members/>

CITY STAFF: KTMPO recommends that you contact the planning office in your city to identify areas that need improvement. City planners can then use the public input to design transportation projects that may move forward when funding becomes available.

Meeting Dates:

Technical Advisory Committee (TAC):

- First Wednesday of every month

Transportation Planning Policy Board (TPPB):

- Third Wednesday of every month

For all KTMPO meeting dates, please visit: <http://www.ktmpo.org/meetings/>

KTMPO Staff:

Carter Thompson: CTCOG PRS Director

Cheryl Maxwell: KTMPO Director

Kendra Coufal: Senior Regional Planner

Jason Deckman: Regional Planner/GIS Technician

John Weber: Regional Planner

Check out our Web Maps!

Our web maps allows users to identify and recommend bike, pedestrian. And freight infrastructure. Visit www.ktmpo.org/mapsanddata to make your edits.