

Sherman – Denison Metropolitan Planning Organization (MPO)  
**POLICY BOARD**  
**AGENDA**

Wednesday, May 31, 2017 @ 8:00 am  
Grayson County Courthouse,  
Commissioners' Court  
100 W. Houston St., Sherman, Texas

Please visit our MPO website [www.sdmpo.org](http://www.sdmpo.org) for background materials under the "Committees/Meetings" link or under "News and Announcements" at our home page.

- I. Call to order
- II. Acknowledgment of Quorum by Chairman

**Action Items:**

- III. [Consider approval of the minutes of the MPO Policy Board meeting of April 26, 2017 at 8:30 a.m.](#)
- IV. [Review and Approve an Interlocal Agreement Between the Sherman-Denison MPO and the Texoma Area Paratransit System Regarding Public Participation](#)
- V. [Presentation, Discussion and Approval of the Regional List of Projects for Inclusion in the 2018-2027 Unified Transportation Program \(UTP\)](#)
- VI. [Discussion and Authorization to Promulgate Proposed Amendments to the 2017-2020 Transportation Improvement Program \(TIP\) and the 2040 Metropolitan Transportation Plan \(MTP\) for Public Review and Comment](#)

**Information/Presentation Items:**

- VII. [Update on the MPO Coordination Rule](#)
- VIII. [Update on Category 2 Funding Distribution Formula](#)
- IX. [Freight Mobility Plan](#)
- X. [Metropolitan Planning Area Expansion](#)
- XI. Announcements  
(*Informal Announcements, Future Agenda Items, and Next Meeting Date*)
  - TAC Next meeting date May 31, 2017
  - MPO Policy Board Next meeting date June 5, 2017
- XII. Public Comment Period
- XIII. Adjournment

**PUBLIC COMMENT PERIOD** - At the conclusion of all other agenda items, the MPO Policy Board (PB) will allow for a public comment period, not to exceed fifteen minutes, to receive public comment on any other matter that is under the jurisdiction of the PB. No action will be taken. Each speaker will be allowed a maximum of three minutes. The use of a single spokesperson to represent a group of people is encouraged. Where there are large numbers of persons who wish to address the PB on a single matter, the Chairman may decrease the amount of time available to each person who wishes to address the PB. Speakers must be signed up prior to the beginning of the public comment period.

All meetings of the Sherman-Denison Metropolitan Planning Organization (MPO) are open to the public. The MPO 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 Julie Lollar at the County Judge's Office at 903.813.4228 at least 24 hours in advance if accommodation is needed.

*The above notice was posted at the Grayson County Courthouse in a place readily accessible to the public and made available to the Grayson County Clerk on May 26, 2017.*

NOTE: The MPO Policy Board (PB) agenda/packet is only distributed digitally, no paper copies will be sent. If you need a printed copy please contact MPO staff.



Clay Barnett, P.E.

The MPO Policy Board may retire into **EXECUTIVE SESSION** pursuant to the Texas Government Code, Chapter 551, Subchapter D, to discuss any item posted on this agenda and take appropriate action as necessary.

1 SHERMAN-DENISON MPO  
2 POLICY BOARD  
3 Grayson County Courthouse  
4 Commissioners Courtroom  
5 April 26, 2017 8:30 a.m.  
6

7 **Board Members Present:**

8 Mayor David Plyler, Chairman City of Sherman  
9 Judge William Magers Grayson County  
10 Mayor Frank Budra Small Cities Representative (Pottsboro)  
11 Noel Paramanantham, P.E. TxDOT Paris District Engineer

12  
13 **Board Members Absent:**

14 Mayor Jared Johnson City of Denison

15  
16 **Ex-Officio Members Present:**

17 Josh Walker Texoma Area Paratransit System

18  
19 **Ex-Officio Members Absent:**

20 Sarah Hinton North Texas Regional Airport

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22 **Non-Voting Members Present:**

23 None

24  
25 **Non-Voting Members Absent:**

26 Barbara Maley Federal Highway Administration (FHWA)  
27 Nick Page TxDOT TPP Division

28  
29 **Technical Advisory Committee Members Present:**

30 Judson Rex, AICP City of Denison  
31 Clint Philpott, P.E. City of Sherman

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33 **Staff Present:**

34 Clay Barnett, P.E. Sherman-Denison MPO

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36 **Guests Present:**

37 Len McManus, P.E. McManus & Johnson Consulting Engineers  
38 John Ho, P.E. Huitt-Zollars, Inc.  
39 Frank Baker City of Van Alstyne  
40 Penny Sanson TxDOT Paris  
41 Ricky Mackey TxDOT Paris

42  
43 **I. Call to Order**

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45 Chairman Plyler called the meeting to order at 8:30 a.m.

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**II. Acknowledgment of Quorum by Chair**

Chairman Plyler declared a quorum of the Policy Board present.

**III. Review and Approval of the Minutes of the April 26, 2017 Policy Board meeting**

Motion to approve was made by Mayor Budra, seconded by Judge Magers. Motion carried.

**IV. Announcements**

Mr. Barnett stated there will be a TAC Executive Committee meeting on May 26, 2017 to discuss the policy and thoroughfare plan. On June 5, 2017 we will have the MPO Policy Board meeting which at that time will authorize the MPO Director to enter into negotiations with the planning firm for the thoroughfare plan.

**X. Public Comment Period**

No citizens appeared before the Policy Board.

**XI. Adjournment**

Having no further business, Chairman Plyler adjourned the meeting at 8:32 AM.

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David Plyler, Chairman, SDMPO Policy Board

Sherman-Denison Metropolitan Planning Organization (MPO)

AGENDA ITEM IV

ACTION ITEMS

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May 31, 2017

Review and Approve an Interlocal Agreement with TAPS

**BACKGROUND:**

Texoma Area Paratransit System (TAPS) has recently undergone a triennial review conducted by the Federal Transit Authority (FTA). One of the action items required as a part of the review was execution of an Interlocal Agreement with the SDMPO.

Towards that end, SDMPO staff has drafted an Interlocal Agreement between the SDMPO and TAPS. The Interlocal Agreement details the desire of the SDMPO to undertake TAPS public participation efforts and the willingness of TAPS to assist as needed in the effort.

This document has been reviewed by all parties involved and all comments and edits have been included in the final document.

**ACTION REQUESTED:**

*It is recommended that the Policy Board approve and authorize the Chairman to sign the Interlocal Agreement.*

**ATTACHMENTS:** *click underlined items for attachment*

- [Interlocal Agreement](#)

## INTERLOCAL AGREEMENT

This Interlocal Agreement (“Agreement”) by and between the Sherman-Denison Metropolitan Planning Organization (“SDMPO”), a political subdivision of the State of Texas, and Texoma Area Paratransit System (“TAPS”), a political subdivision of the State of Texas, is entered into as of the Effective Date, as defined on the signature page of this Agreement. The SDMPO and TAPS may also each, individually, be referred to herein as a “Party” and, collectively, as the “Parties.”

### WITNESSETH

**WHEREAS**, the provisions of Title 23 Section 134, 314 and 316 of the United States Code requires that plans and programs for federal-aid highway and mass transit assistance within urbanized areas of more than 50,000 in population must be developed by the Metropolitan Planning Organization (MPO) in cooperation with the State and local governments, and, further, that such plans and programs shall provide for consideration of all modes of transportation and that the transportation planning process shall be continuing, cooperative, and comprehensive in nature; and

**WHEREAS**, the SDMPO has been designated by the State as the agency responsible for carrying out the federally-mandated transportation planning process within the Sherman-Denison urbanized area and is the responsible legal entity for coordinating the planning and implementation of federally funded highway and mass transit projects within the above urbanized areas; and

**WHEREAS**, as required by Title 23 Congressional Federal Register part 450, Section 316, the SDMPO is responsible for conducting the metropolitan planning process and maintaining the urbanized area(s) eligibility for receipt of federal-aid highway and transit implementation funds, including the preparation of technical studies and other reports necessary to insure proper documentation of the development, refinement, and periodic updates of the Metropolitan Transportation Plan; and

**WHEREAS**, Section 134(f) of Title 23 United States Code and Section 8(f) of Title 49, U.S.C. requires the MPO to explicitly consider and analyze the following planning factors in the conduct and planning for the future transportation needs of the region: economic vitality of the region; safety of the highway and public transportation systems; security of the highway and public transportation systems; increased mobility for people and freight movements, energy conservation and environmental protection; improved connectivity across transportation modes; improved system management and operation; increased emphasis on preservation of existing transportation facilities and their more efficient use.

**NOW THEREFORE BE IT MUTUALLY RESOLVED** that the activities in support of the metropolitan planning process will be shared apportioned as follows:

#### Unified Planning Work Program

The SDMPO shall develop and submit for approval by TxDOT's Public Transportation Division an annual Unified Planning Work Program for Transportation Planning which shall contain work tasks for conducting planning activities to support development and maintenance of the region's highway and transit systems, based on identified state and local needs and prepared in cooperation with the Texas Department of Transportation, Grayson County and its member communities, and TAPS.

#### Metropolitan Transportation Plan

The SDMPO shall develop, maintain, and update on a regular basis (at least every five years) a financially constrained Metropolitan Transportation Plan with a minimum twenty-five year planning horizon for concurrence by the Texas Department of Transportation. The Plan shall include a description of all projects proposed for the metropolitan planning area including transit and their prioritization for implementation, and shall be supported by a reasonable assessment of future costs based on a reasonable projection and allocation of potential funding by source.

TAPS shall cooperate with the SDMPO in the SDMPO'S development, in cooperation with the Texas Department of Transportation, of the Metropolitan Transportation Plan.

#### Transportation Improvement Plan

The SDMPO shall develop, maintain, and update on a regular basis (at least every two years) a financially constrained Transportation Improvement Plan with a minimum four year planning horizon for concurrence by the Texas Department of Transportation. The Transportation Improvement Program shall contain both highway and transit elements describing the various transportation improvements to be undertaken in the region with federal aid funds over the next four years with supporting cost estimates and consistent with federal and state requirements.

TAPS shall cooperate with the SDMPO in the SDMPO'S development, in cooperation with the Texas Department of Transportation, of the Transportation Improvement Program.

#### Annual Listing of Obligated Projects

The SDMPO and TAPS shall cooperatively develop a listing of projects for which federal funds were obligated in the preceding program year for concurrence by the Texas Department of Transportation. The SDMPO shall make the annual listing of obligated projects available to the public by posting the information on its website.

#### Public Participation

The SDMPO shall fulfill the public participation requirements necessary to develop and maintain the Unified Planning Work Program, the Metropolitan Transportation Plan, and the Transportation Improvement Program with input and support from the state, transit operators, and local jurisdictions. Furthermore, the SDMPO's public participation process shall fulfill TAPS' public participation requirements for the program of projects (POP) including but not limited to FTA 5307 funding.

Grant and Plan Development

The SDMPO and TAPS shall cooperate in the development, review, and submission, as required by and for the approval of the various federal grantor agencies, grant applications, certifications, plans, and other required documents as may be necessary to meet all federal and state guidelines and requirements.

**BE IT RESOLVED** that in the event previous memoranda or agreements are found to be in conflict with this agreement, this one shall be controlling.

This done and signed in multiple originals this \_\_\_ day of \_\_\_\_\_, 2017 by and between the Sherman-Denison Metropolitan Planning Organization, and the Texoma Area Paratransit System in the presence of the undersigned competent witness:

SHERMAN-DENISON METROPOLITAN PLANNING ORGANIZATION

By: \_\_\_\_\_  
Name: David Plyler  
Title: Chairman, SDMPO  
Date: \_\_\_\_\_

ATTEST: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

TEXOMA AREA PARATRANSIT SYSTEM

By: \_\_\_\_\_  
Name: Judge Creta Carter  
Title: Chairman, TAPS  
Date: \_\_\_\_\_

ATTEST: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_



SHERMAN-DENISON METROPOLITAN PLANNING ORGANIZATION (MPO)  
POLICY BOARD (PB)  
AGENDA ITEM V  
ACTION ITEM

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May 31, 2017

Presentation, Discussion and Approval of the Regional List of Projects for Inclusion in the 2018-2027 Unified Transportation Program (UTP)

**BACKGROUND:**

This item was previously discussed at the February 1, 2017 Policy Board meeting. For the first time, TxDOT will solicit all of the projects from all of the MPOs for inclusion in the 2018-2027 Unified Transportation Program (UTP). The projects will be ranked utilizing a program titled “Decision Lens.” It is anticipated that high ranking projects will receive funding from Category 12 - Texas Transportation Commission Discretionary. A list was submitted for the March meeting of the Texas Transportation Commission. However, the Sherman-Denison MPO’s submission of US 75 was not selected.

The Texas Department of Transportation sent information on how to submit projects for inclusion in the August update of the 2018-2027 Unified Transportation Program (UTP) on May 12, 2017. The information included a deadline of June 9, 2017 and included funding tables that reflected that the SDMPO would be receiving roughly \$81 million in Category 2 funding. The list of projects approved on February 1, 2017 included programming of \$93 million. The decrease in funds is due to a decrease in sales tax state wide. The list approved on February 1, 2017 must be modified to accommodate this loss in funds and other revisions.

**ACTION REQUESTED:**

*Approval of the Regional List of Projects for inclusion in the 2018-2027 Unified Transportation Program (UTP)*

**ATTACHMENTS:** *click underlined items for attachment*

- [Regional List of Projects for inclusion in the 2018-2027 Unified Transportation Program \(UTP\)](#)
- [Cost Estimates for US 75](#)

**STAFF CONTACT:** Clay Barnett, P.E., 903.813.5275, [barnettc@co.grayson.tx.us](mailto:barnettc@co.grayson.tx.us)

Fiscal Year	CSJ	Project #	Facility	Limits		Description	Funding by Category							Total	
				From	To		Local Match	1 - Preventive Maintenance	2U - Urban Mobility	4 - Statewide Connectivity Corridor	4 - Congestion, Connectivity, Corridor Projects	9- Trans. Enhancements	11 - District Discretionary		12 - Commission Discretionary
<b>2017</b>															
	0045-04-066	SDTAP2017-1	SH 56	0.5 m E of US 75	0.77 m W of SH 11	Shared use path grant							\$498,450		\$498,450
	0047-18-075	SD2017-1	US 75	FM 120	Crawford Ln	Const Ramp Reversal			\$1,850,000					\$4,703,084	\$6,553,084
														2017 Total	\$7,051,534
<b>2018</b>															
	0047-03-084	SDTAP2017-2	SH 5	0.34 m N of FM 121	1.1 m N of FM 121	Shared use path grant							\$682,600		\$682,600
	0202-08-063	SD2018-1	SH 289	Meadow Brook	Fountain Creek	Drainage improvements			\$150,000						\$150,000
	2455-01-031, 2455-01-033, 2455-01-034, 2455-01-035	SD2018-2	FM 1417	US 82	SH 56	Widen from 2-lane to 4-lane	\$2,000,000	\$1,620,450	\$8,960,000	\$499,550				\$13,560,000	\$26,640,000
	0666-01-027	SD2018-3	FM 691	SB US 75	Loy Lake Road	Reconstruct roadway and add 2 lanes			\$1,520,000	\$2,686,400					\$4,206,400
														2018 Total	\$31,679,000
<b>2019</b>															
	0729-01-039	SDHWY086	FM 121	Jim Jones Road	FM 3356	Widen non-freeway		\$9,267,002	\$1,286,022					\$500,000	\$11,053,024
	0901-19-187	SD2019-1	New FM	FM 121	County Line	Construct new non-freeway		\$3,000,000	\$4,000,000					\$1,000,000	\$8,000,000
														2019 Total	\$19,053,024
<b>2020</b>															
<b>Priority 1</b>	0047-03-087	US75-GAP1	US 75	0.6 Mi S of Center St	FM 1417	Widen from 4-lane to 6-lane	\$5,750,000		\$5,770,000		\$13,750,000			\$32,230,000	\$57,500,000
<b>Priority 2</b>	0047-02-150	US75-GAP2	US 75	SH 91 (Sherman)	0.6 Mi S of Center St	Widen from 4-lane to 6-lane	\$7,000,000		\$7,013,978		\$16,740,000			\$39,246,022	\$70,000,000
														2020 Total	\$127,500,000
<b>Total</b>							\$14,750,000	\$13,887,452	\$30,550,000	\$3,185,950	\$30,490,000	\$1,181,050	\$19,763,084	\$71,476,022	\$185,283,558
<b>2021</b>															
	No projects planned at this time														
														2021 Total	\$0
<b>2022</b>															
<b>Priority 3</b>	0047-18-922	US75-N1	US 75	US 82	SH 91 (Sherman)	Widen from 4-lane to 6-lane	\$5,268,000		\$14,510,000					\$32,902,000	\$52,680,000
														2022 Total	\$52,680,000
<b>2023</b>															
	No projects planned at this time														
														2023 Total	\$0
<b>2024</b>															
<b>Priority 4</b>	0047-18-922	US75-N2	US 75	Loy Lake Road (Denison)	US 82	Widen from 4-lane to 6-lane	\$7,100,000		\$23,370,000					\$40,530,000	\$71,000,000
														2024 Total	\$71,000,000
<b>2025</b>															
	No projects planned at this time														
														2025 Total	\$0
<b>2026</b>															
	0047-03-923	US75-S1	US 75	FM 1417	FM 902	Widen from 4-lane to 6-lane	\$4,480,000		\$7,970,000					\$32,350,000	\$44,800,000
														2026 Total	\$44,800,000
<b>2027</b>															
	0091-01-917, 0202-08-917	SD2027-1	SH 289	MPO Boundary	FM 120	Widen/Straighten			\$6,420,000						\$6,420,000
	0047-13-921	US75-S2	US 75	FM 902	MPO Boundary	Widen from 4-lane to 6-lane	\$4,710,000		\$1,490,000					\$40,900,000	\$47,100,000
														2027 Total	\$53,520,000
<b>Total</b>							\$36,308,000	\$13,887,452	\$84,310,000	\$3,185,950	\$30,490,000	\$1,181,050	\$19,763,084	\$218,158,022	\$407,283,558

FM 1417 to Center Street - Reconstruction							
CSJ Number	Project	Length (MI)	Quantity (EA)	Unit Cost	Total Cost	Comments	
0047-03-085 / 0047-02-141	6 Lane Mainlane - Reconstruction 4 Lanes to 6 Lanes	2.48	-	\$4,500,000	\$22,400,000	NB & SB 6 Lane Full Reconstruction. Contingency added for extra earthwork, walls and overpasses.	
	<b>Interchanges / Bridge Reconstruction</b>						
	FM 1417	-	1	\$5,700,000	\$5,700,000	Cost Estimate included in previous segment	
	South Travis Street	-	1	\$11,800,000	\$11,800,000	Interchange	
	Post Oak Creak	-	2	\$1,350,000	\$3,240,000	NB & SB ML bridge reconstruction - 300' spans plus 20% contingency	
	Park Avenue	-	1	\$8,000,000	\$8,000,000	Interchange	
	Center Street	-	2	\$1,350,000	\$3,240,000	NB & SB ML bridge reconstruction - 300' spans plus 20%	
	<b>Subtotal</b>				<b>\$32,000,000</b>		
	<b>Ramps</b>						
	Exit Ramp 80' Median	-	1	\$400,000	\$400,000	Sherman-1	
	Exit Ramp 40' Median	-	3	\$320,000	\$960,000	Sherman-3	
	Entrance Ramp 40' Median	-	3	\$400,000	\$1,200,000	Sherman-3	
	Entrance Ramp 40' Median (25% Contingency)	-	1	\$500,000	\$500,000	Sherman-1 (added contingency for earthwork and walls near Center Street)	
	<b>Subtotal</b>				<b>\$3,100,000</b>		
	<b>Total</b>					<b>\$57,500,000</b>	

Center Street to SH 91 - Reconstruction							
CSJ Number	Project	Length (MI)	Quantity (EA)	Unit Cost	Total Cost	Comments	
0047-02-141	6 Lane Mainlane - Reconstruction 4 Lanes to 6 Lanes	0.75	-	\$4,500,000	\$6,800,000	NB & SB 6 Lane Full Reconstruction. Contingency added for extra earthwork, walls and overpasses.	
	8 Lane Mainlane - Reconstruction 6 Lanes to 8 Lanes	0.08	-	\$4,100,000	\$400,000	400 LF of 8 Lane Reconstruction	
	<b>Subtotal</b>				<b>\$7,200,000</b>		
	<b>Interchanges / Bridge Reconstruction</b>						
	Proposed Bridge-Lamar St. to Washington St.	-	2	\$11,250,000	\$27,000,000	NB & SB ML proposed bridge - 2500' spans from Lamar Street to Washington Street plus 20% contingency	
	Trail Bridge	-	1	\$1,000,000	\$1,000,000	Existing T&P RR Bridge converted to a Trail	
	Proposed Bridge-Travis St./FM 131 to SH 91	-	2	\$8,400,000	\$20,160,000	NB & SB ML proposed bridge - 4 lanes of 1600' spans from Travis Street/FM 131 to SH 91 plus 20% contingency	
	SH 91	-	1	\$6,040,000	\$6,040,000	Interchange	
	<b>Subtotal</b>				<b>\$54,200,000</b>		
	<b>Ramps</b>						
	Exit Ramp 40' Median (25% Contingency)	-	1	\$400,000	\$400,000	Sherman-1 (added contingency for earthwork and walls near Center Street)	
	Entrance Ramp 40' Median (25% Contingency)	-	1	\$500,000	\$500,000	Sherman-1 (added contingency for earthwork and walls near Center Steet)	
	Exit Ramp 80' Median with Bridge	-	1	\$2,300,000	\$2,300,000	Sherman-1 ramp with bridge	
	Entrance Ramp 40' Median with Bridge	-	2	\$2,300,000	\$4,600,000	Sherman-2 ramps with bridge	
	Exit Ramp 40' Median	-	1	\$320,000	\$320,000	Sherman-1	
	Exit Ramp 80' Median	-	1	\$400,000	\$400,000	Sherman-1	
	<b>Subtotal</b>				<b>\$8,600,000</b>		
	<b>Total Cost without Future Interchanges</b>					<b>\$70,000,000</b>	
	<b>Future Interchanges</b>						
	Pedestrian Access Bridge @ Pecan Street	-	1	\$6,400,000	\$6,400,000	Future Interchange - Pedestrian Access	
	<b>Total Cost with Future Interchanges</b>					<b>\$76,400,000</b>	

SH 91 to US 82 - Reconstruction						
CSJ Number	Project	Length (MI)	Quantity (EA)	Unit Cost	Total Cost	Comments
0047-18-080	6 Lane Mainlane - Reconstruction 4 Lane to 6 Lane	1.46	-	\$4,500,000	\$13,200,000	6 Lane Full Reconstruction
<b>Interchanges</b>						
	Taylor Street	-	1	\$6,200,000	\$6,200,000	Interchange
	Lamberth Road	-	1	\$3,100,000	\$3,100,000	Interchange
	US 75 & US 82	-	1	\$28,300,000	\$28,300,000	Interchange
	<b>Subtotal</b>				<b>\$37,600,000</b>	
<b>Ramps</b>						
	Exit Ramp 80' Median	-	2	\$400,000	\$800,000	Sherman-4 ramps
	Entrance Ramp 80' Median	-	2	\$540,000	\$1,080,000	Sherman-2 ramps
	<b>Subtotal</b>				<b>\$1,880,000</b>	
	<b>Total Cost</b>				<b>\$52,680,000</b>	

US 82 to North Loy Lake Road - Reconstruction							
CSJ Number	Project	Length (MI)	Quantity (EA)	Unit Cost	Total Cost	Comments	
0047-18-080	6 Lane Mainlane - Reconstruction 4 Lane to 6 Lane	3.12	-	\$4,500,000	\$28,100,000	6 Lane Full Reconstruction	
	<b>Interchanges</b>						
	Loy Lake Road	-	1	\$9,000,000	\$9,000,000	Interchange	
	Fallon Drive	-	1	\$3,100,000	\$3,100,000	Interchange	
	FM 691	-	2	\$1,800,000	\$4,320,000	NB & SB ML bridge reconstruction - 400' spans plus 20% contingency	
	Spur 503	-	1	\$17,100,000	\$17,100,000	Interchange - Iron Ore Creek Bridges include in estimate	
	Drainage for Loy Lake & Loy Creek	-	1	\$4,900,000	\$4,900,000	Exhibit showing ML & FR reconstruction	
	<b>Subtotal</b>				<b>\$38,500,000</b>		
	<b>Ramps</b>						
	Exit Ramp 80' Median	-	4	\$400,000	\$1,600,000	Sherman-4 ramps	
	Entrance Ramp 80' Median	-	4	\$540,000	\$2,160,000	Sherman-4 ramps	
	Exit Ramp 40' Median	-	2	\$320,000	\$640,000	Sherman-2 ramps	
	<b>Subtotal</b>				<b>\$4,400,000</b>		
	<b>Total Cost without Future Interchanges</b>					<b>\$71,000,000</b>	
	<b>Future Interchanges</b>						
	Blue Flame Road	-	1	\$4,400,000	\$4,400,000	Future Interchange	
	<b>Total Cost with Future Interchanges</b>					<b>\$75,400,000</b>	

FM 902 to FM 1417 - Widening/Reconstruction							
CSJ Number	Project	Length (MI)	Quantity (EA)	Unit Cost	Total Cost	Comments	
0047-03-085	6 Lane Mainlane - Widening 4 Lane to 6 Lanes	1.93	-	\$600,000	\$2,400,000	NB & SB widening - 10' concrete shoulders	
	6 Lane Mainlane - Reconstruction 4 Lane to 6 Lanes	2.67	-	\$4,500,000	\$24,000,000	NB & SB 6 Lane Full Reconstruction	
	<b>Subtotal</b>				<b>\$26,400,000</b>		
	<b>Interchanges / Bridge Reconstruction</b>						
	FM 902	-	1	\$8,100,000	\$8,100,000	Interchange	
	Shepherd Road	-	2	\$270,000	\$650,000	NB & SB ML bridge widening - 300' spans by 12' wide plus 20% contingency	
	Choctaw Creek Bridge	-	2	\$1,350,000	\$3,240,000	NB & SB ML bridge reconstruction - 300' spans plus 20% contingency	
	BNSF RR Bridge	-	2	\$1,350,000	\$3,240,000	NB & SB ML bridge reconstruction - 300' spans plus 20% contingency	
	<b>Subtotal</b>				<b>\$15,300,000</b>		
	<b>Ramps</b>						
	Exit Ramp 80' Median	-	1	\$400,000	\$400,000	Sherman-1	
	Entrance Ramp 80' Median	-	1	\$540,000	\$540,000	Sherman-1	
	Exit Ramp 40' Median	-	3	\$320,000	\$960,000	Howe-1; Sherman-2	
	Entrance Ramp 40' Median	-	3	\$400,000	\$1,200,000	Sherman-3	
	<b>Subtotal</b>				<b>\$3,100,000</b>		
	<b>Total Cost</b>					<b>\$44,800,000</b>	

CR 375 (County Line Road) to FM 902 - Widening						
CSJ Number	Project	Length (MI)	Quantity (EA)	Unit Cost	Total Cost	Comments
0047-13-032	6 Lane Mainlane - Widening 4 Lanes to 6 Lanes	9.44	-	\$600,000	\$11,400,000	NB & SB widening - 10' concrete shoulders
<b>Interchanges</b>						
	CR 375 (County Line Road)	-	1	\$8,300,000	\$8,300,000	Interchange
	FM 121	-	1	\$8,700,000	\$8,700,000	Interchange
	Farmington Road	-	1	\$6,900,000	\$6,900,000	Interchange
	Hanning Street	-	1	\$150,000	\$180,000	SB ML bridge widening - 200' span by 10' wide plus 20% contingency
	<b>Subtotal</b>				<b>\$24,080,000</b>	
<b>Ramps</b>						
	Exit Ramp 80' Median	-	5	\$400,000	\$2,000,000	Van Alstyne-2; Howe-3
	Entrance Ramp 80' Median	-	3	\$540,000	\$1,620,000	Van Alstyne-1; Howe-2
	Exit Ramp 40' Median	-	10	\$320,000	\$3,200,000	Van Alstyne-5; Howe-5
	Entrance Ramp 40' Median	-	12	\$400,000	\$4,800,000	Van Alstyne-6; Howe-6
	<b>Subtotal</b>				<b>\$11,620,000</b>	
<b>Total Cost without Future Interchanges</b>					<b>\$47,100,000</b>	
<b>Future Interchanges</b>						
	San Ford Circle (Spence Road)	-	1	\$4,400,000	\$4,400,000	Future Interchange
	Hodgins Road	-	1	\$4,400,000	\$4,400,000	Future Interchange
	Cavender	-	1	\$4,400,000	\$4,400,000	Future Interchange
	Hall Cemetery	-	1	\$11,900,000	\$11,900,000	Future Interchange
	<b>Subtotal</b>				<b>\$25,100,000</b>	
<b>Total Cost with Future Interchanges</b>					<b>\$72,200,000</b>	



Sherman-Denison Metropolitan Planning Organization (MPO)

AGENDA ITEM VI

ACTION ITEMS

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May 31, 2017

Discussion and Authorization to Promulgate Proposed Amendments to the 2017-2020 Transportation Improvement Program (TIP) and the 2040 Metropolitan Transportation Plan (MTP) for Public Review and Comment

**BACKGROUND:**

The Policy Board updated the 2017 – 2020 Transportation Improvement Program (TIP) on February 1, 2017. Since that time, there have been several changes that need to be reflected in an amendment. These changes must be reflected in the 2040 Metropolitan Transportation Plan (MTP) as well.

In October of this year, we will begin work on the 2019 – 2022 TIP. In the event that the Texas Transportation Commission chooses not to fund US 75, there will be the opportunity to add the projects that were removed from the current TIP into the new TIP.

The proposed amendments will be promulgated in accordance with the SDMPO Public Participation Plan.

***ACTION REQUESTED:***

*Motion to authorize promulgation of proposed amendments to the 2017-2020 Transportation Improvement Program (TIP) and the 2040 Metropolitan Transportation Plan (MTP) for public review and comment*

**ATTACHMENTS:** *click underlined items for attachment*

- [\*Proposed Amendment to the 2017 – 2020 TIP\*](#)
- [\*2017 – 2020 TIP as amended February 1, 2017\*](#)
- *Proposed Amendment to the projects included in the 2040 MTP (to be distributed at the meeting)*
- [\*Projects included in the 2040 MTP as amended on November 10, 2015\*](#)

**STAFF CONTACT:** Clay Barnett, P.E., 903.813.5275, [barnettc@co.grayson.tx.us](mailto:barnettc@co.grayson.tx.us)

Fiscal Year	CSJ	Project #	Facility	Limits		Description	Funding by Category							Total	
				From	To		Local Match	1 - Preventive Maintenance	2U - Urban Mobility	4 - Statewide Connectivity Corridor	4 - Congestion, Connectivity, Corridor Projects	9- Trans. Enhancements	11 - District Discretionary		12 - Commission Discretionary
<b>2017</b>															
	0045-04-066	SDTAP2017-1	SH 56	0.5 m E of US 75	0.77 m W of SH 11	Shared use path grant							\$498,450		\$498,450
	0047-18-075	SD2017-1	US 75	FM 120	Crawford Ln	Const Ramp Reversal			\$1,850,000					\$4,703,084	\$6,553,084
														2017 Total	\$7,051,534
<b>2018</b>															
	0047-03-084	SDTAP2017-2	SH 5	0.34 m N of FM 121	1.1 m N of FM 121	Shared use path grant							\$682,600		\$682,600
	0202-08-063	SD2018-1	SH 289	Meadow Brook	Fountain Creek	Drainage improvements			\$150,000						\$150,000
	2455-01-031, 2455-01-033, 2455-01-034, 2455-01-035	SD2018-2	FM 1417	US 82	SH 56	Widen from 2-lane to 4-lane	\$2,000,000	\$1,620,450	\$8,960,000	\$499,550				\$13,560,000	\$26,640,000
	0666-01-027	SD2018-3	FM 691	SB US 75	Loy Lake Road	Reconstruct roadway and add 2 lanes			\$1,520,000	\$2,686,400					\$4,206,400
														2018 Total	\$31,679,000
<b>2019</b>															
	0729-01-039	SDHWY086	FM 121	Jim Jones Road	FM 3356	Widen non-freeway		\$9,267,002	\$1,286,022					\$500,000	\$11,053,024
	0901-19-187	SD2019-1	New FM	FM 121	County Line	Construct new non-freeway		\$3,000,000	\$4,000,000					\$1,000,000	\$8,000,000
														2019 Total	\$19,053,024
<b>2020</b>															
<b>Priority 1</b>	0047-03-087	US75-GAP1	US 75	0.6 Mi S of Center St	FM 1417	Widen from 4-lane to 6-lane	\$5,750,000		\$5,770,000		\$13,750,000			\$32,230,000	\$57,500,000
<b>Priority 2</b>	0047-02-150	US75-GAP2	US 75	SH 91 (Sherman)	0.6 Mi S of Center St	Widen from 4-lane to 6-lane	\$7,000,000		\$7,013,978		\$16,740,000			\$39,246,022	\$70,000,000
														2020 Total	\$127,500,000
<b>Total</b>							<b>\$14,750,000</b>	<b>\$13,887,452</b>	<b>\$30,550,000</b>	<b>\$3,185,950</b>	<b>\$30,490,000</b>	<b>\$1,181,050</b>	<b>\$19,763,084</b>	<b>\$71,476,022</b>	<b>\$185,283,558</b>

FUNDING BY CATEGORY

Fiscal Year	CSJ	Project #	Facility	Limits		Description	Funding by Category						Total
							1 - Preventive Maintenance	2U - Urban Mobility	6 - Structures (Bridge)	8 - Safety	9- Trans. Enhancements	11 - District Discretionary	
2017				<b>From</b>	<b>To</b>								
	0729-01-039	SDHWY086	FM 121	Jim Jones Road	FM 3356	Widen non-freeway	\$3,533,978	\$1,286,022				\$800,000	\$5,620,000
	0045-04-066	SDTAP2017-1	SH 56	0.5 m E of US 75	0.77 m W of SH 11	Shared use path					\$498,450		\$498,450
	0047-03-084	SDTAP2017-2	SH 5	0.34 m N of FM 121	1.1 m N of FM 121	Shared use path					\$682,600		\$682,600
												2017 Total	\$6,801,050
2018													
	0666-01-027	SD2018-1	FM 691	SB US 75	Loy Lake Road	Reconstruct roadway and add 2 lanes		\$4,206,400					\$4,206,400
		SD2018-4	SH 289	Meadow Brook	Fountain Creek	Drainage improvements		\$150,000					\$150,000
		SD2018-5	FM 1417	at Sand Creek		Reconstruct and widen bridge		\$2,730,000					\$2,730,000
		SD2018-6	FM 1417	Taylor	SH 56	Widen from 2-lane to 4-lane		\$4,041,500					\$4,041,500
		SD2018-7	FM 1417	at SH 56		Reconstruct interchange		\$2,757,500					\$2,757,500
												2018 Total	\$13,885,400
2019													
	2455-01-031	SD2019-1	FM 1417	US 82	Taylor St.	Widen from 2-lane to 4-lane		\$7,230,000					\$7,230,000
	0901-19-187	SD2019-2	New FM	FM 121	County Line	Construct new non-freeway		\$4,000,000				\$4,000,000	\$8,000,000
												2019 Total	\$15,230,000
2020													
		SD2020-1	FM 131	FM 691	Seymore Bradley	Reconstruct with traffic calming elements		\$5,030,000					\$5,030,000
		SD2020-2	FM 691	US 91	Theresa Drive	Reconstruct roadway and add 2 lanes		\$4,546,000					\$4,546,000
												2020 Total	\$9,576,000
<b>Total</b>							<b>\$3,533,978</b>	<b>\$35,977,422</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,181,050</b>	<b>\$4,800,000</b>	<b>\$45,492,450</b>



## 2<sup>ND</sup> AMENDMENT TO THE 2040 METROPOLITAN TRANSPORTATION PLAN (MTP)

Occasionally, MPO's identify issues and/or initiatives that impact the MTP after the fact. Such is the case here.

On Tuesday, November 4, 2014 Texans voted to approve a redistribution of some of the monies in the "rainy day" fund. These funds would be used for transportation purposes only and would be distributed by formula throughout the state of Texas.

This constitutional amendment, known as Proposition 1, has effectively created a new revenue stream for the Sherman-Denison MPO. In order to take advantage of this newly created revenue stream the MPO has spent the last ten months working with its member local governments through the Technical Advisory Committee to develop a list of projects and their relative costs to be included into the MPO's 2040 Metropolitan Transportation Plan.

Additionally, Grayson County and the Texas Department of Transportation have agreed on a new roadway on the west side of Grayson County. Also, the Grayson County RMA intends to pursue the extension of the Dallas North Tollway from the county line to FM 121.

Table 3 below provides information on the Grayson County projects and Table 4 provides information on the projects to be funded with Proposition 1.



**TABLE 3 – 2040 MTP EXTENSION OF DALLAS NORTH TOLLWAY & ROADWAY IMPROVEMENTS UNDERTAKEN BY GRAYSON COUNTY AND TXDOT**

Year	Project_Number	Funding Agency	Funding Source	Project Name	From_Limit	To_Limit	Description	Cost
<b>FY 2016-2017</b>		Grayson Co/TxDOT	Local /Cat 11	New Road (FM)	FM 121	County Line	New 2-lane Rd plus shoulders	8,132,000
<b>FY_2030</b>	0045-18-034	Grayson Co. RMA	Grayson Co. RMA	Dallas North Tollway Ext.	Grayson County Line	FM 121	6 lanes + access roads	\$221,018,822



**TABLE 4 – 2040 MTP PROJECT LIST FUNDED THROUGH PROPOSITION 1**

**FY 2016-2019**

<b>Funding Agency</b>	<b>Funding Source</b>	<b>Project Name</b>	<b>From</b>	<b>To</b>	<b>Project Description</b>	<b>Project Length (in miles)</b>	<b># of Lanes</b>	<b>Total Cost</b>
<b>MPO /TxDOT</b>	Prop 1 / Cat 11	US 75	Crawford St	FM 120	Ramp Reversals/U-turn			\$4,500,000
<b>MPO /TxDOT</b>	Prop1/ Cat 11	FM 131	at US 82		Reconstruct Interchange	0.90	1	\$3,239,100
<b>MPO</b>	Prop 1	FM 691	SB US 75	Loy Lake Rd	Reconstruct Roadway & add 2 Lanes	0.72	5	\$4,206,400
<b>MPO</b>	Prop 1	FM 131	US 82	North Creek	Widen Existing Roadway	0.60	2	\$1,318,800



**FY 2020-2024**

Funding Agency	Funding Source	Project Name	From	To	Project Description	Project length (in miles)	# of Lanes	Total Cost
MPO	Prop 1	SH 5	Spence Rd	Baldwin St	Reconstruct and add two lanes	0.6	4	\$3,003,100
MPO	Prop 1	SH289	Meadowbrook	Fountain Creek	Drainage Improvements	0	0	\$150,000
MPO	Prop 1	FM 131	Taylor St.	US 75	Widen Existing Roadway	0.70	2	\$3,950,000
MPO	Prop 1	FM 691	SH 91	Pool Rd	Reconstruct Roadway & add 2 Lanes	0.75	5	\$4,546,100
MPO	Prop 1	FM 131	FM 691	Seymore Bradley	Reconstruct Roadway and Construct Traffic Calming Elements with Improved Signalization	1.1	4	\$5,030,000
MPO	Prop 1	FM 1417	at Sand Creek		Reconstruct Bridge	0	0	\$2,730,000



**FY 2025-2029**

<b>Funding Agency</b>	<b>Funding Source</b>	<b>Project Name</b>	<b>From</b>	<b>To</b>	<b>Project Description</b>	<b>Project Length (in miles)</b>	<b># of Lanes</b>	<b>Total Cost</b>
<b>MPO</b>	Prop 1	FM 120	N York Ave	Juanita Dr	Reconstruct Roadway and Construct Traffic Calming Elements with Improved Signalization	0.77	4	\$4,201,900
<b>MPO</b>	Prop 1	SH 5	Baldwin St.	Hynds St.	Reconstruct and add two lanes	0.9	4	\$4,820,000
<b>MPO</b>	Prop 1	FM 120	Juanita Dr	Maurice	Reconstruct Roadway and Construct Traffic Calming Elements with Improved Signalization	0.391	4	\$2,129,500
<b>MPO</b>	Prop 1	FM 1417	at SH 56		Reconstruct Interchange	0.50	1	\$2,757,500
<b>MPO</b>	Prop 1	FM 1417	Taylor Street	SH 56	Widen Existing Roadway without bridge	1.70	2	\$4,041,500
<b>MPO</b>	Prop 1	SH289	MPO Boundary	FM120	Widen/Straighten	0.75	2	\$1,648,500





**FY 2030-2034**

<b>Funding Agency</b>	<b>Funding Source</b>	<b>Project Name</b>	<b>From</b>	<b>To</b>	<b>Project Description</b>	<b>Project Length (in miles)</b>	<b># of Lanes</b>	<b>Total Cost</b>
<b>MPO</b>	Prop 1	FM 131	Seymore Bradley	Davy Ln	Reconstruct Roadway and Construct Traffic Calming Elements with Improved Signalization	0.89	4	\$4,400,970
<b>MPO</b>	Prop 1	FM 691	SH 91	Dripping Springs	Construct New Roadway	2.4	2	\$5,933,900
<b>MPO</b>	Prop 1	FM 691	Plainview	FM 1417	Construct New Roadway	1.5	2	\$3,708,700
<b>MPO</b>	Prop 1	SH 5	Hynds St.	County Line	Reconstruct and add two lanes	1.1	4	\$5,720,600



**FY 2035-2040**

<b>Funding Agency</b>	<b>Funding Source</b>	<b>Project Name</b>	<b>From</b>	<b>To</b>	<b>Project Description</b>	<b>Project Length (in miles)</b>	<b># of Lanes</b>	<b>Total Cost</b>
MPO	Prop 1	FM 131	Davy Ln	Crawford Ln	Reconstruct Roadway and Construct Traffic Calming Elements with Improved Signalization	0.63	4	\$3,239,900
MPO	Prop 1	FM 1417	US 82	Dripping Springs	Construct New Roadway	1.9	2	\$4,885,600
MPO	Prop 1	FM 691	SH 289	Plainview	Construct New Roadway	1.6	2	\$4,114,200
MPO	Prop 1	FM 121			Reconstruct and add two lanes		0	\$4,500,000
MPO	Prop 1	SH289	MPO Boundary	FM120	Widen/Straighten	2.00	2	\$4,722,400

SHERMAN-DENISON METROPOLITAN PLANNING ORGANIZATION (MPO)  
POLICY BOARD (PB)  
AGENDA ITEM VII  
INFORMATION/PRESENTATION ITEM

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May 31, 2017

Update on NPRM Concerning MPO Coordination

**BACKGROUND:**

The proposed rule concerning MPO coordination was finalized in the Federal Register Dec 20, 2016. The final rule is essentially the same as the proposed rule with two changes:

- 1) MPOs do not have to comply with the joint planning documents until 2024 (two years after the Census Bureau certifies the 2020 census), and
- 2) The final rule provides an exception to joint planning documents if the Governor and all the MPOs in an MPA jointly asked permission from the Secretary to continue developing separate plans, TIPs, and targets.

The rule's effective date is January 19, 2017. AMPO supported (in a letter to Sec. Foxx) the complete withdrawal of the coordination rule based on analysis and comments. 90% of the comments to the docket opposed the rule as proposed.

On March 8, 2017, the U.S. Senate passed, by unanimous consent, S. 496. This bill is to repeal the MPO Coordination Rule.

The bill has moved to the House as HR 1346. Congressman Ratcliffe has signed as a cosponsor to the bill. The U.S. House of Representatives overwhelmingly passed the bill by a vote of 417-3 on April 27, 2017.

The bill was signed into law by President Trump on May 12, 2017, which nullifies the rule issued by the Federal Highway Administration and the Federal Transit Administration entitled "Metropolitan Planning Organization Coordination and Planning Area Reform"

**ACTION REQUESTED:**

*None*

**ATTACHMENTS:** *click underlined items for attachment*

*None*

**STAFF CONTACT:** Clay Barnett, P.E., 903.813.5275, [barnettc@co.grayson.tx.us](mailto:barnettc@co.grayson.tx.us)

SHERMAN-DENISON METROPOLITAN PLANNING ORGANIZATION (MPO)  
POLICY BOARD (PB)  
AGENDA ITEM VIII  
INFORMATION/PRESENTATION ITEM

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May 31, 2017

Update on the Category 2 Funding Distribution Formula

**BACKGROUND:**

The Sherman-Denison Metropolitan Planning Organization/Grayson County is currently slated in the draft Unified Transportation Program (UTP) to receive roughly \$81 million over ten (10) years in Category 2 – Urban Mobility Funding.

On October 4, 2016, TEMPO voted to give eighty-seven (87%) of the Category 2 funding to the six (6) largest MPOs in the state. The percentage was calculated by summing the population within the six (6) largest MPOs and dividing it by the sum of the population within all MPOs. The remaining thirteen percent (13%) is being divided amongst the remaining MPOs.

The Sherman-Denison MPO would receive roughly \$57.5 million over ten (10) years under this new distribution. However, these changes will not take effect this year due to the length of time it took to develop the formula. TEMPO is drafting a majority consensus, which should be available for comment this month. Four (4) MPOs have stated they will submit minority reports, namely:

- Hidalgo County
- Harlingen/San Benito MPO
- Brownsville MPO
- Bryan-College Station MPO

Staff has visited with TEMPO about the increase in our boundaries and if the increase in population is included in these figures. They stated that their estimates do not include the population increase and that any increases in population would be reflected in the final figures produced by the distribution formula prior to the final vote by the Texas Transportation Commission.

The proposed changes will be presented to the Texas Transportation Commission early next year. Staff is working to build a consensus to remain with the current distribution formula.

**ACTION REQUESTED:**

*None at this time*

**ATTACHMENTS:** *click underlined items for attachment*

*None*

**STAFF CONTACT:** Clay Barnett, P.E., 903.813.5275, [barnettc@co.grayson.tx.us](mailto:barnettc@co.grayson.tx.us)

SHERMAN-DENISON METROPOLITAN PLANNING ORGANIZATION (MPO)  
POLICY BOARD (PB)  
AGENDA ITEM IX  
INFORMATION/PRESENTATION ITEM

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May 31, 2017

Texas Freight Mobility Plan

**BACKGROUND:**

On February 8, 2017, Staff attended a meeting at the NCTCOG building in Arlington. This meeting is one of several being held across the state regarding the Texas Freight Mobility Plan that TxDOT is developing.

After studying the map that was distributed at the meeting, it was apparent that although a section of Dallas North Tollway is included in the Texas Freight Network, the majority of US 75 through both Collin and Grayson Counties is not.

TxDOT has confirmed that a new map that indicates that US 75 is included in the primary freight network is included in the latest draft version of the Freight Mobility Plan. The 2<sup>nd</sup> Round of TxDOT Freight Stakeholder Workshops will take place on in Richardson on Wednesday, June 28, 2017. Staff will be in attendance.

**ACTION REQUESTED:**

*None at this time*

**ATTACHMENTS:** *click underlined items for attachment*

*None*

**STAFF CONTACT:** Clay Barnett, P.E., 903.813.5275, [barnettc@co.grayson.tx.us](mailto:barnettc@co.grayson.tx.us)

SHERMAN-DENISON METROPOLITAN PLANNING ORGANIZATION (MPO)  
POLICY BOARD (PB)  
AGENDA ITEM X  
INFORMATION/PRESENTATION ITEM

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May 31, 2017

Metropolitan Planning Area Expansion

**BACKGROUND:**

The Policy Board of the Sherman-Denison Metropolitan Planning Organization (SDMPO) amended the Bylaws of the SDMPO to expand the boundaries of its Metropolitan Planning Area on August 3, 2016. The Bylaws state that the Metropolitan Planning Area (MPA) shall be defined as covering the area delineated by the Grayson County boundaries.

On April 26, 2017, the Policy Board further ratified a Resolution Affirming Expansion of the Metropolitan Planning Area Boundary. Since that meeting, TxDOT has identified two issues that need to be resolved. They are as follows:

Firstly, in the past Governor Perry had delegated the authority to the Commission to approve boundary expansions. However, with each new Governor the authority is automatically rescinded back to the Governor's Office. Some authority was given to James Bass, and TxDOT is attempting to discern if this could be one of those authorities. Either way, TxDOT is awaiting a response from Legal Services and discussion with the Governor's Office to find out how to best move this forward.

Secondly, FHWA states that the MPA must include the area which is likely to become urbanized in the next 20 years. Staff is putting together the demographic information necessary to make this determination.

**ACTION REQUESTED:**

*None at this time*

**ATTACHMENTS:** *click underlined items for attachment*

*None*

**STAFF CONTACT:** Clay Barnett, P.E., 903.813.5275, [barnettc@co.grayson.tx.us](mailto:barnettc@co.grayson.tx.us)