### Sherman – Denison Metropolitan Planning Organization (MPO)

# POLICY BOARD AGENDA

Wednesday, December 7, 2016 @ 9:00 am Grayson County Courthouse, Commissioners' Court 100 W. Houston St., Sherman, Texas

Please visit our MPO website <a href="www.sdmpo.org">www.sdmpo.org</a> 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 October 12, 2016
- IV. Review and Approval of Proposed Amendment to the 2017-2020 Transportation Improvement Program (TIP) and the 2040 Metropolitan Transportation Plan (MTP) to Include the Identified Projects for the Texoma Area Paratransit System (TAPS)
- V. <u>Discussion and Authorization</u> for staff to put out for public comment and to hold a public meeting on the proposed amendments to the 2040 Metropolitan Transportation Plan

### **Information/Presentation Items:**

- VI. Update on Category 2 Funding Distribution Formula
- VII. Announcements

(Informal Announcements, Future Agenda Items, and Next Meeting Date)

• TAC

Next meeting date January 18, 2017

MPO Policy Board

Next meeting date February 1, 2017

- VIII. Public Comment Period
  - IX. 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 December 2, 2016.

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-DEN	NISON MPO
2	POLICY B	OARD
3	SPECIAL M	EETING
4	Grayson County	Courthouse
5	Commissione	
6	October 12, 201	6 9:00 a.m.
7	0 0000 01 12, 201	
8	<b>Board Members Present:</b>	
9	Grayson County	Judge William Magers, Chairman
10	City of Sherman	Mayor David Plyler, Vice Chair
11	City of Denison	Mayor Jared Johnson
12	Small Cities Representative (City of Howe)	Mayor Jeff Stanley
13	New Small Cities Representative (Pottsboro)	Mayor Frank Budra
14	TxDOT, Paris District	Noel Paramanantham, District Engineer
15		
16	<b>Board Members Absent:</b>	
17	None	
18		
19	<b>Ex-Officio Members Present:</b>	
20	Texoma Area Paratransit System	Josh Walker
21		
22	<b>Ex-Officio Members Absent</b> :	
23	North Texas Regional Airport	Sarah Hinton
24		
25	<b>Non-Voting Members Present:</b>	
26	Federal Highway Administration (FHWA)	Barbara Maley
27	Texas Dept. of Transportation	Tim Juarez
28	Texas Dept. of Transportation	Nick Page
29		
30	Non-Voting Members Absent:	
31	None	
32		
33	Technical Advisory Committee Members Presen	
34	Texas Dept. of Transportation	Aaron Bloom
35	City of Sherman	Clay Barnett
36	City of Denison	Judson Rex
37	City of Pottsboro	Kevin Farley
38	Grayson County	Bill Benton
39	C1 66 P	
40	Staff Present:	
41 42	None	
42	<b>Guests Present:</b>	
43	City of Sherman	Robby Hefton
45	McManus & Johnson	Len McManus
-TJ	IVIOIVIAIIAS & JUIIISUII	Lon monanas

1 Ben Munson
2 Herald Democrat Michael Hutchins
3 City of Van Alstyne Larry Cooper
4 Howe Development Alliance Monte Walker
5

### I. Call to Order -

Chairman Magers called the meeting to order at 10:30 a.m.

### II. Acknowledgment of Quorum by Chair -

Chairman Magers declared a quorum of the Policy Board present.

# III. <u>Passing of the Gavel to new Chairman and Recognition of new Small City Representative</u>

Chairman Magers noted that according to the MPO bylaws the mayor of the City of Sherman becomes the new Chairman and the mayor of the City of Pottsboro becomes the representative of the Small Cities.

Chairman Plyler then took up the gavel and commenced with the remainder of the meeting.

# IV. Review and Approval of the Minutes of the September 16, 2016 Policy Board meeting

Motion to approve was made by Mayor Johnson, seconded by Judge Magers. Motion passed unanimously

# V. Review and Approve Amendment to the 2017-2020 Transportation Improvement Program (TIP)

Judge Magers noted that there were two actions under this agenda item – the first deals with the adoption of the roadway projects that have been out for public comment for over a month and the second deals with placing proposed TAPS projects out for public comment.

Mr. Barnett offered clarification regarding the roadway projects. He stated that these projects come from the MPO's Metropolitan Transportation Plan (MTP). Judge Magers moved to approve the proposed amendment and Mayor Johnson seconded the motion. Motion passed.

- Mr. Barnett then introduced Josh Walker from Transdev (the operator of TAPS). Judge Magers noted that TAPS intends to participate a great deal more than under the previous administration.
- 41 Mr. Walker then provided the MPO Board with a summary of the projects which TAPS desires
- 42 to have included in the 2017-2020 TIP. The proposed update to the TIP is only for FY 2017 and
- 43 it is for the FTA 5307 funds. This is to help ensure the continuation of funding and maintain a
- conservative program until future funding is more readily available at which time TAPS will again come before the MPO to have any future projects included in the TIP.

47 Judge Magers also noted that these projects will also need to be included in the Metropolitan

Transportation Plan (MTP) – the long range plan utilized by the MPO. Towards that end, it might be necessary to have a special Policy Board meeting in November. Chairman Plyler asked for a motion and a second. The motion to place the proposed amendments out for public comment was made by Judge Magers and seconded by Mayor Johnson. Motion carries.

### VI. Executive Session (Pursuant to Texas Government Code 551.074 – Personnel Matters

8 9

The Chairman adjourned the meeting to hold an executive session at 10:50 AM. Motion and second, motion carries. The Policy Board reconvened at 10:52.

# VII. Review and Approval of Inter-local Agreement between the Sherman-Denison MPO and Grayson County

Mayor Johnson moved to approve the inter-local agreement and seconded by Judge Magers. Motion carried unanimously.

### VIII. Announcements/Presentations - Update on October 4, 2016 TEMPO Meeting

 Mr. Clay Barnett offered an update on the recent activities of the Texas Association of MPOs There were several things on the agenda of interest: (1) the ten-year Unified Transportation Plan (UTP) – for the first time TxDOT will solicit all of the projects from all of the MPOs and rank them based on a program of their own and will distribute that list. This new program has not been released to MPOs yet. This might impact the MPO's project selection process in the future. Texas MPOs also received an update on the recent proposed rules regarding MPO Coordination and Consolidation. TEMPO is opposed to these rules. The one MPO in the state that are in favor is NCTCOG. FHWA received 527 comments on these proposed regs. 86% were in opposition. The third issue deals with the Category 2 distribution formula. The six largest MPOs decided to distribute their funds based primarily on population. The smaller MPOs then continued to discuss their particular formulaic approach. alternatives were finally whittled down. First method deals with normalizing crash data and the second method was looking at delay in freight. The first methodology yields a higher return (roughly \$10 million) and the second yields roughly \$8 million per year to the SDMPO. A compromise would yield roughly \$9.5 million. There was a discussion about Category 4 – rural connector and Category 12 – discretionary.

### **Announcements**

The TAC meets November 16<sup>th</sup> and the MPO Policy Board meets on December 7<sup>th</sup> with the idea of a special meeting in November.

## **Public Comment**

No public comment.

1	VI. Adjournment
2	
3	Having no further business, Chairman Plyler adjourned the meeting at 11:05 AM.
4	
5	
6	
7	David Plyler, Chairman, MPO Policy Board

# Sherman-Denison Metropolitan Planning Organization (MPO) AGENDA ITEM IV ACTION ITEM

December 7, 2016

Review and Approval of Amendment to 2017-2020 TIP and 2040 MTP

### **BACKGROUND:**

The Texoma Area Paratransit System has spent the last 8 months rebuilding after a period of great uncertainty. TAPS staff intends to pursue standard operations and administrative efforts to continue the process. As part of that TAPS requires that the Sherman-Denison MPO include in its 2017-2020 TIP and 2040 MTP those projects for the Fiscal Year 2017. The MPO has met its obligations concerning the 30-day public comment period prior to adoption of any amendments.

Provided below are the associated excel spreadsheets identifying the projects and funding summary.

### **ACTION REQUESTED:**

Review and approval of the proposed amendment to the 2017-2020 TIP and 2040 MTP.

**ATTACHMENTS:** click underlined items for attachment

- Draft 2017-2020 TIP Amendment
- Draft 2040 MTP Amendment

STAFF CONTACT: Clay Barnett, P.E., 903.813.5275, barnettc@co.grayson.tx.us

# FY 2017 TRANSIT PROJECT LISTING (Sherman-Denison MPO) TRANSPORTATION IMPROVEMENT PROGRAM

Paris			YOE = Year of Expenditure
<u>General P</u>	roject Information	Funding Informa	tion (YOE)
<b>Project Sponsor</b>	Texoma Area Paratransit Systems	Federal Funding Category	5307
MPO Project/Reference Numl	per	Federal Share	\$256,224
Apportionment Year	2017	State Funds from TxDOT	\$248,000
<b>Project Phase</b>	n/a	Local Funds	\$8,224
<b>Brief Project Description</b>		Fiscal Year Cost	\$512,448
		<b>Total Project Cost</b>	\$512,448
	Transit Operations (50/50)	Trans. Dev. Credits Requested Trans. Dev. Credits Awarded	\$0
Sec 5309 ID # if applicable		(Date & Amount)	\$0
Amendment Date & Action			
General P	roject Information	Funding Informa	tion (YOE)
<b>Project Sponsor</b>	Texoma Area Paratransit Systems	Federal Funding Category	5307
MPO Project/Reference Numb	oer	Federal Share	\$614,938
Apportionment Year	2017	State Funds from TxDOT	\$0
<b>Project Phase</b>	n/a	Local Funds	\$153,734
<b>Brief Project Description</b>		Fiscal Year Cost	\$768,672
	Administration (80/20)	<b>Total Project Cost</b>	\$768,672
		Trans. Dev. Credits Requested Trans. Dev. Credits Awarded	\$0
Sec 5309 ID # if applicable		(Date & Amount)	\$0
Amendment Date & Action			

			FY 2017	
	Transit Program	Federal	State/Local	Total
1	Sec. 5307 - Urbanized Formula >200K			0
2	Sec. 5307 - Urbanized Formula <200K	871,162	409,958	1,281,120
3	Sec. 5309 - Discretionary			0
4	Sec. 5310 - Elderly &Individuals w/Disabilities			0
5	Sec. 5311 - Nonurbanized Formula			0
6	Sec. 5316 - JARC >200K			0
7	Sec. 5316 - JARC <200K			0
8	Sec. 5316 - JARC Nonurbanized			0
9	Sec. 5317 - New Freedom >200K			0
10	Sec. 5317 - New Freedom <200K			0
11	Sec. 5317 - New Freedom Nonurbanized			0
12	Other FTA			0
13	Regionally Significant or Other (incl FHWA transfers)			0
	Total Funds	\$871,162	\$409,958	\$1,281,120
_				
Transpor	tation Development Credits			
	Requested			0
	Awarded			0

### 2040 Metropolitan Transportation Plan (Proposed Amendment)

Project Length (in									
Agency	MPO#	CSJ	Project Name	From	То	Project Description	miles)	# of Lanes	Total Cost
2016-2019									
			Transit						
Texoma Area Paratransi	exoma Area Paratransit					Fiscal Year 2017	\$512,448		
Texoma Area Paratransit			Transit Administration	on		Fiscal Year 2017			\$768,672

# Sherman-Denison Metropolitan Planning Organization (MPO) AGENDA ITEM V ACTION ITEMS

December 7, 2016

Review and Authorization of Public Comment Period for Proposed Draft Amendments to the 2040 MTP

### **BACKGROUND:**

The City of Howe wishes to pursue a roadway project in their community utilizing Prop 1 and/or Prop 7 funds. In order for them to be able to pursue this project it must be included in the MPO's Metropolitan Transportation Plan. For this action to occur, the MPO requires a 30-day public comment period prior to adoption of any amendments.

### **ACTION REQUESTED:**

Motion to authorize staff to put out for public comment the proposed amendments to the 2040 MTP

ATTACHMENTS: click underlined items for attachment

- Draft 2040 MTP Amendment
- Project Cost Spreadsheet for Howe Project
- Project Ranking Spreadsheet for Howe Project
- Listing of projects from MTP

STAFF CONTACT: Clay Barnett, P.E., 903.813.5275, <a href="mailto:barnettc@co.grayson.tx.us">barnettc@co.grayson.tx.us</a>

TABLE 4 – 2040 MTP AMENDED PROJECT LIST

## FY 2020-2024

Funding Agency	Funding Source	Project Name	From	То	Project Description	Project length (in miles)	# of Lanes	Total Cost
<u> </u>		FM 902	FM 902 at US	FM 902 East/	-	<u> </u>		
MPO	Prop 1&7	Bypass	75 Interchange	Ponderosa	Construct New Roadway	1.5	2	\$3,428,880

DMPO PROJEC	T COST ESTIMATE SPI	READSHEET							ESTIMATED INFLATION RATE = 4%
	1							1	

Project Rank	Project Sponsor	Project Name	From	То		Necessary Bridge Work (Square feet)	Cost per Sq.	Length of Project (in miles)			# of Traffic Cost per Signals Traffic Signals	Total Cost	Weighted Total	Total Estimated Cost (2020 - 2025)	Total Estimated Cost (2026 - 2030)	Total Estimated Cost (2031 - 2035)	Total Estimated Cost (2036 - 2040)
1	Howe	FM 902 bypass	FM 902 Interchange	Ponderosa/FM 902 E	Connecting FM 902 W to FM 902 E by way of Ponderosa Rd		\$75	1.5	1099000	2	0 \$250,000	\$3,297,000	)	\$3,428,880	\$3,566,035	\$3,708,677	\$3,857,024
2							\$75				\$250,000	\$0	)	\$0	\$0	\$0	\$0
3							\$75				\$250,000	\$0	)	\$0	\$0	\$0	\$0
4							\$75				\$250,000	\$0		\$0	\$0	\$0	\$0
5							\$75				\$250,000	\$0		\$0	\$0	\$0	\$0
6							\$75				\$250,000	) \$0	)	\$0	\$0	\$0	śo
7							\$75				\$250,000			\$0	\$0	\$0	\$0
8							\$75				\$250,000		)	\$0	\$0	\$0	\$0
9							\$75				\$250,000			\$0	\$0	\$0	\$0
10							\$75				\$250,000			\$0	\$0	\$0	\$0

### CALCULATION COSTS AND FORMULAS

COST PER SQUARE FOOT OF BRIDGEWORK = \$75

COST PER TRAFFIC SIGNAL = \$250,000

COST PER LANE MILE IS \$1.099 MILLION FOR STATE HIGHWAYS AND \$1.5 MILLION FOR FREEWAYS

NOTE: THE FORMULA TO BE USED IN CALCULATING TOTAL PROJECT COST SHOULD BE (# OF LANES \* LENGTH OF PROJECT \* COST PER LANE MILE) AND, IF NECESSARY, + (SQR FT OF BRIDGE WORK \* \$75 PER SQR FT.) and + (# OF TRAFFIC SIGNALS \* \$250,000)

					Ranking Factors										
PROJECT	ROJECT RANKING CRITERIA FOR 2040 MTP			Safety 33.75%		Maintenance & System Efficiency 23.75%		Congestion 21.25%		Economic Vitality 11.25%					
					Accident	Weighted Accident		Weighted Maintenance	Level of Service				ROW	Weighted	
Project					Density &		& System		(V/C			Local	Acquitision	Economic	Weighted
Number	Project Name	From	To	Project Description	Severity	Severity	Efficiency	Efficency	ratio)	Congestion	Cost	Match	needed	Vitality	Total
1	FM 902 bypass	FM 902 Interchange E	Ponderosa/FM 902 E	Connecting FM 902 W to FM 902 E by way of Ponderosa Rd	0	0.00	0	0.00	0	0	2	0	1	6.75	7
						0.00		0.00		0		0	0	0	0
						0.00		0.00		0		0	0	0	0
						0.00		0.00		0		0	0	0	0
						0.00		0.00		0				0	0
						0.00		0.00		0				0	0
						0.00		0.00		0				0	0
						0.00		0.00		0				0	0

#### \*\*\*\*CONGESTION CURRENTLY IS THROUGH THE HEART OF THE INNER CITY BY WAY OF KOSSE STREET AND YOUNG STREET TRUCK TRAFFIC. NO MODEL AVAILABLE.

#### Project type scoring

1 = limited parcels 0 = extensive ROW needed

### NOTES:

The first row, currently filled in, is an EXAMPLE ONLY. Please feel free to substitute your own project and score

- 1. For Accident Density, Maintenance, and Level of Service a rating of 0 is best and a rating of 5 is worst
- 2. A perfect Project would receive a score of 90
- 3. The LOS maps and tables are generated by the transportation model in 5-year increments.





# 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
FY 2016- 2017		Grayson Co/TxDOT	Local /Cat 11	New Road (FM)	FM 121	County Line	New 2-lane Rd plus shoulders	8,132,000
FY_2030	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

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







# FY 2020-2024

Funding Agency	Funding Source	Project Name	From	То	Project Description	Project length (in miles)	# of Lanes	Total Cost
7.80.107	304.00	- tunic			Reconstruct and add two		2465	10141 0001
MPO	Prop 1	SH 5	Spence Rd	Baldwin St	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
МРО	Prop 1	FM 691	SH 91	Pool Rd	Reconstruct Roadway & add 2 Lanes	0.75	5	\$4,546,100
				Seymore	Reconstruct Roadway and Construct Traffic Calming Elements with Improved			
MPO	Prop 1	FM 131	FM 691	Bradley	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

Funding Agency	Funding Source	Project Name	From	То	Project Description	Project Length (in miles)	# of Lanes	Total Cost
					Reconstruct Roadway and			
				Juanita	Construct Traffic Calming Elements			
MPO	Prop 1	FM 120	N York Ave	Dr	with Improved Signalization	0.77	4	\$4,201,900
				Hynds				
MPO	Prop 1	SH 5	Baldwin St.	St.	Reconstruct and add two lanes	0.9	4	\$4,820,000
					Reconstruct Roadway and			
					Construct Traffic Calming Elements			
MPO	Prop 1	FM 120	Juanita Dr	Maurice	with Improved Signalization	0.391	4	\$2,129,500
MPO	Prop 1	FM 1417	at SH 56		Reconstruct Interchange	0.50	1	\$2,757,500
					Widen Existing Roadway without			
MPO	Prop 1	FM 1417	Taylor Street	SH 56	bridge ,	1.70	2	\$4,041,500
	•		MPO		0			,
MPO	Prop 1	SH289	Boundary	FM120	Widen/Straighten	0.75	2	\$1,648,500





# CHERMAN DENISON MPO

# FY 2030-2034

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







# FY 2035-2040

Fund Ager	•	•	From	То	Project Description	Project Length (in miles)	# of Lanes	Total Cost
MP	<b>O</b> Prop 1	FM 131	Davy Ln	Crawford Ln	Reconstruct Roadway and Construct Traffic Calming Elements with Improved Signalization	0.63	4	\$3,239,900
1411	11001	1101 131	Davy Lii	Clawlold Lil	Signanzacion	0.03	7	73,233,300
MP	O Prop 1	FM 1417	US 82	Dripping Springs	Construct New Roadway	1.9	2	\$4,885,600
MP	O Prop 1	FM 691	SH 289	Plainview	Construct New Roadway	1.6	2	\$4,114,200
MP	O Prop 1	FM 121			Reconstruct and add two lanes		0	\$4,500,000
MP	O Prop 1	SH289	MPO Boundary	FM120	Widen/Straighten	2.00	2	\$4,722,400