

**Meeting Location:** El Paso MPO hosting Conference Call

**Meeting Date:** Thursday, October 25, 2018 at 9:00am MST/ 10:00am CST

Name	Company	Present	Name	Company	Present
Jose Campos	FHWA TX	X	Tim Wood	TxDOT ENV	X
Marty Boyd	TxDOT El Paso	X	Jackie Ploch	TxDOT ENV	X
Eddie Valtier	TxDOT El Paso	X	Janie Temple	TxDOT TPP	X
Robert Bielek	TxDOT El Paso		Raymond Sanchez	TxDOT TPP	X
Hugo Hernandez	TxDOT El Paso	X	Laura Norton	TxDOT TPP	
Art Estrada	TxDOT El Paso	X	Paul Sittig	NMDOT	X
Jamie Zech	TCEQ Texas	X	Genevieve Bales	FHWA TX	
Rodolfo Monge-Oviedo	FHWA NM	X	Barbara Maley	FHWA TX	X
Josh Holguin	TxDOT ENV	X	Anthony Jones	FHWA TX	X
Michael Baca	NMED	X	Dennis Perkinson	TTI	X
Jolene Herrera	NMDOT	X	Jeffrey Riley	EPA	X
Greg Heitmann	FHWA NM	X	Tom Bruechert	FHWA TX	
Roger Williams	El Paso MPO	X	Jessica Griffin	NMDOT	
Marisol Enriquez	El Paso MPO	X	Pearlie Tiggs	FTA	
Christina Stokes	El Paso MPO	X	Claudia Valles	El Paso MPO	X
Sonia Perez	El Paso MPO	X	Salvador Gonzalez	El Paso MPO	X

EPMPO provided status on the Non- attainment ozone area near Sunland Park, NM in Dona Aña County and that this will require a new conformity determination by August 3, 2019. The EPMPO is seeking guidance from the consultative partners to determine the best test for conformity since there is no SIP emissions budget to work with. Two possible tests exist, build vs no build and less than baseline. The EPMPO has done some in house analysis and is leaning toward a less than baseline test. A less than baseline test would require developing a 2017 baseline year, which would not require re-validating our model. We currently have a validated 2012 base year and forecast years of 2020, 2030, 2040 and 2045. This conformity is to take care of only the NM Ozone Non-attainment and would not change any projects on the New Mexico or Texas side of the EPMPO planning area. FHWA was going to get further clarification that a joint conformity lapse would not apply for Texas and New Mexico if the conformity determination is not made by August 3, 2019.

#### Proposed Schedule:

- Develop Pre-Analysis Consensus Plan by the end of November 2018.
- Develop conformity document and to run public involvement (December-January 2019).
- Bring back to Policy Board in January 2019.
- Submit document to Consultative Partners by the end of January 2019.
- FHWA and FTA joint conformity determination (about 6 months).

#### Action Items:

1. FHWA to clarify, if lapse occurs in New Mexico, it will not affect the Texas portion of the EPMPO planning area.
2. NMED to provide to EPMPO the SIPs developed for 1-hour ozone NAAQS.
3. Scheduled a follow up call, on 10/29/18, with TTI/TPP/MPO to:
  - Clarify that the TAZ zones in the Sunland Park, NM area were adjusted to align the TAZ boundaries for the new ozone non-attainment area. The adjustment of the TAZs had no impact to roadway infrastructure nor population/employment. There will be a detailed explanation in the Pre-analysis Consensus Plan.
  - Verify if the Destino 2045 original model runs for forecast years 2020,2030,2040 and 2045 will be the ones used to compare to the 2017 baseline network, or if the forecast years will have to be re-run for comparison to the 2017 baseline network.

**Meeting Location:** El Paso MPO hosting Conference Call

**Meeting Date:** Thursday, April 25, 2019 at 8:30am MST/ 9:30am CST

Name	Company	Present	Name	Company	Present
Jose Campos	FHWA TX	X	Art Estrada	TXDOT-ELP	x
Greg Heitmann	FHWA NM	X	Eduardo Calvo	El Paso MPO	X
Raymond Sanchez	TxDOT TPP	X	Roger Williams	El Paso MPO	X
Marty Boyd	TXDOT-ELP	X	Salvador Gonzalez	El Paso MPO	X
Barbara Maley	FHWA TX	X	Sonia Perez	El Paso MPO	X
Gus Sanchez	TXDOT-ELP	X	Claudia Valles	El Paso MPO	X
Genevieve Bales	FHWA TX	X	Marisol Enriquez	El Paso MPO	X
Mimi Horn	TXDOT-ELP	x			

**Meeting Summary:**

1) Introductions of those present were given.

2) During the conference call FHWA presented the Transportation conformity's pending comments from: Transportation Conformity report, the list of the links deleted from Destino 2045 MTP conformity's networks, the 2017 project list, Appendix K, and Appendix F. Many of the comments were reviewed and addressed during this conference call. The EPMPO will provide written responses and edits to the transportation conformity report to respond the remaining comments from FHWA.

**Meeting Location:** El Paso MPO hosting Conference Call

**Meeting Date:** Thursday, May 9, 2019 at 8:00am MST/ 9:00am CST

Name	Company	Present	Name	Company	Present
Jose Campos	FHWA TX	X	Roger Williams	El Paso MPO	X
Raymond Sanchez	TxDOT TPP	X	Salvador Gonzalez	El Paso MPO	X
Barbara Maley	FHWA TX	X	Sonia Perez	El Paso MPO	X
Gus Sanchez	TxDOT-ELP	X	Claudia Valles	El Paso MPO	X
Genevieve Bales	FHWA TX	X	Marisol Enriquez	El Paso MPO	X
Eduardo Calvo	El Paso MPO	X			

**Meeting Summary:**

- 1) Introductions of those present were given.
- 2) In call FHWA comments and MPO responses were revised for subjects below:

I. References: Transportation conformity (TR) document final and 2019 TR Conformity doc\_TX NM

11. Page 13. 2.2 Submittal Frequency (3rd sentence).
12. Page 13. 2.4.1 Inspection and Maintenance Program.
17. Page 19. 3.1 Demographic Specification (2019 Network).
24. Page 25. 4.2.9 VMT Mix (2nd paragraph).
27. Page 29. 5.0 MOSERS.
28. Page 29. 5.1 Transportation Control Measures (TCMs).
29. Page 29. 5.1.1 Timely Implementation of TCMs.
33. Page 33. 6.2.1 Calculated Link-Based Emissions.
34. Page 33. 6.3.3 OffNetActCalc (last paragraph).

II. Reference: Links Deleted\_New. New tab:

- 1.10027/John Hayes
- 2.10030/John Hayes & Barrington
- 3.10031/John Hayes & Barrington

III. Reference: 2017 Project List41819 – Appendix K

- 1.1005

IV. Reference: Appendix F – MPO Consultation Partner

Action Items:

- 1.Review appendix K and F.
2. Run the model with corrections discussed and provide analysis.

Consultative Partners Conference Call  
El Paso MPO – Sunland Park Conformity Determination

**Meeting Location:** El Paso MPO hosting Conference Call

**Meeting Date:** Monday, June 10, 2019 at 8:03am MST/ 9:03am CST

**Additional FYI:** Tuesday, June 11, 2019 EPMPO, TPP, TTI, FHWA met to follow up on Item #1

**Additional FYI:** Ongoing coordination with FHWA on Item #2

Name	Company	Present	Name	Company	Present
Jose Campos	FHWA TX	X	Tim Wood	TxDOT	X
Genevieve Bales	FHWA TX	X	Jeffrey Riley	EPA	X
Barbara Maley	FHWA TX	X	Janie Temple	TxDOT TPP	X
Anthony Jones	FHWA TX	X	Raymond Sanchez	TxDOT TPP	X
Hugo Hernandez	TxDOT El Paso	X	Laura Norton	TxDOT TPP	X
Mimi Horn	TxDOT El Paso	X	Andrew Wimsatt	TTI	X
Jamie Zech	TCEQ Texas	X	Madhu Venugopal	TTI	X
Michael Baca	ENV	X	Jolene Herrera	NMDOT	X
Jackie Ploch	TxDOT ENV	X	Trent Doolittle	NMDOT	X
Greg Heitmann	FHWA NM	X	Paul Sittig	NMDOT	X
Roger Williams	El Paso MPO	X	Salvador Gonzalez	El Paso MPO	X
Marisol Enriquez	El Paso MPO	X	Claudia Valles	El Paso MPO	X

**June 10, 2019 Consultative call meeting notes:**

*Item #1 presented at the June 10<sup>th</sup> consultative partners meeting: Methodology used by TTI to estimate the Sunland Park ozone non-attainment area for VOC and NOX emissions.*

First, an update was given to the consultative partners on the El Paso MPO (EPMPO) conformity process for the 2015 National Ambient Air Quality Standards (NAAQS) non-attainment area for Ozone in Sunland Park, New Mexico. Sunland Park is within Dona Ana County, New Mexico. This portion of Dona Ana County is part of the EPMPO planning area. The deadline for this conformity determination is August 3, 2019. Without an approved conformity determination, the EPMPO will fall into conformity lapse. Due to not having a budget in the New Mexico State Implementation Plan (SIP), the consultative partners have agreed to move forward with a less than baseline test. The EPMPO travel demand model was used to develop the 2017 baseline year for comparison to the analysis/forecast networks; 2020, 2030, 2040, and 2045. The emissions modeling was developed by the Texas A&M Transportation Institute (TTI). The EPMPO provided a 30-day public involvement/comment period with three public meetings. The transportation conformity report was sent to the consultative partners, after TPB adoption, on January 28, 2019.

The issue is that the emissions analysis provided by TTI was for the Dona Ana County area within the EPMPO planning area, but should have been for the Sunland Park non-attainment area. This problem was not discovered until the

EPMPO was responding to comments from FHWA concerning the development of additional analysis using the EPMPO sketch planning tool.

At the June 10<sup>th</sup> meeting, the EPMPO presented to the consultative partners the original Table 11 “Summer Season VOC and NOx Emissions Data” from the transportation conformity report, which shows the VMT and emissions results for the less than baseline test for Dona Ana county. The EPMPO also presented the TTI estimated emissions for the Sunland Park non-attainment area, which uses a ratio of the difference in VMT between Dona Ana County and the Sunland Park non-attainment area to estimate the emissions for the Sunland Park non-attainment area (using the same source data that was used for Dona Ana County).

The EPMPO also presented a proposed updated Table 11 (showing the estimated Sunland Park non-attainment emissions and the original Dona Ana Emissions), which the EPMPO noted that this could be inserted into the transportation conformity report. In both cases, the less than baseline test demonstrate that the EPMPO will pass conformity. But the process to get to the Sunland Park non-attainment emissions is not the process described in the transportation conformity report and is not a traditional link based analysis process.

The EPMPO was looking to get consensus from the consultative partners after the consultative call on June 10<sup>th</sup>. The consensus would be on the methodology to estimate Sunland Park non-attainment emissions. But after the consultative call on June 10<sup>th</sup> TTI was tasked with running a link based emissions analysis for the Sunland Park non-attainment area. This is in line with the traditional process used for conformity determinations. Please see the June 11, 2019 notes below.

*Item #2 presented at the June 10<sup>th</sup> consultative partners meeting: The EPMPO did a “downstream,” in house emissions estimate as a result of a minor change to the TDM forecast years 2020, 2030 and 2045.*

At the June 10<sup>th</sup> meeting, the EPMPO presented results from the in house sketch planning tool to address a comment received from FHWA on April 25, 2019 related to TDM link 10027/John Hayes street on the far eastside of the EPMPO planning area (opposite from the Sunland Park non-attainment area). This link was already coded in the 2017 baseline year, but the attributes were missing for the forecast/analysis years: 2020, 2030, 2040 and 2045. The issue was addressed by including the missing link in the EPMPO TDM forecast/analysis years 2020, 2030, 2040 and 2045 to get updated VMT numbers, and the impacts on the Sunland Park non-attainment area emissions were calculated by using the EPMPO in house sketch planning tool.

#### **June 11, 2019 the EPMPO, TPP, TTI and FHWA met to further discuss Item #1.**

As it relates to Item #1, in order to follow the traditional process for conformity determinations, TTI was tasked with running a link based emissions analysis for the Sunland Park non-attainment area. For the results of the link based emissions analysis for the Sunland Park non-attainment area please see the updated Table 11 below, which also includes the Dona Ana County emissions results from the original Table 11. The EPMPO has administratively amended the transportation conformity report to include the updated Table 11.

#### **Ongoing coordination with FHWA on Item #2**

As it relates to Item #2, the “downstream” in house process that the EPMPO is proposing to use to estimate emissions as a result of adding link 10027/John Hayes to the TDM for forecast/analysis years 2020, 2030, 2040 and 2045 is reasonable - as long as the starting point for the in house analysis comes from the results of the link based emissions analysis for the Sunland Park non-attainment area. The EPMPO is still coordinating with FHWA on this item.

**Table 11**  
**Summer Season VOC and NO<sub>x</sub> Emission Data<sup>1</sup>**

<b>Year</b>	<b>Area</b>	<b>Total Vehicle Miles of Travel (Including Intrazonal)</b>	<b>VOC Emissions in Tons per Day</b>	<b>NO<sub>x</sub> Emissions in Tons per Day</b>
<b>2017 baseline year</b>	<b>Dona Ana Zones<sup>2</sup></b>	<b>612,233</b>	<b>0.36</b>	<b>0.86</b>
	<b>Sunland Park Nonattainment Area<sup>3</sup></b>	<b>101,792</b>	<b>0.06</b>	<b>0.10</b>
<b>2020</b>	Dona Ana Zones <sup>2</sup>	691,710	0.31	0.68
	Sunland Park Nonattainment Area <sup>3</sup>	112,636	0.05	0.08
<b>2030</b>	Dona Ana Zones <sup>2</sup>	845,426	0.20	0.36
	Sunland Park Nonattainment Area <sup>3</sup>	131,192	0.03	0.05
<b>2040</b>	Dona Ana Zones <sup>2</sup>	961,192	0.14	0.28
	Sunland Park Nonattainment Area <sup>3</sup>	147,628	0.02	0.03
<b>2045</b>	Dona Ana Zones <sup>2</sup>	1,013,603	0.14	0.29
	Sunland Park Nonattainment Area <sup>3</sup>	154,678	0.02	0.03

<sup>1</sup> All values are average summer weekday estimates. The VMT listed are used to calculate the average speed.

<sup>2</sup> TDM link-based regional emissions estimates for the Dona Ana Zones (Dona Ana County, NM area of the TDM) based on TDM datasets EPMPO provided TTI, December 7, 2018.

<sup>3</sup> TDM link-based regional emissions estimates for the Sunland Park Nonattainment Area, based on TDM datasets EPMPO provided TTI, December 7, 2018, and TTI re-verified with EPMPO, June 11, 2019.