

**Meeting Agenda of the
TRANSPORTATION ADVISORY COMMISSION
January 11, 2018
8:30 a.m.**

Community Room of the Pueblo Municipal Justice Center, 200 South Main Street
Agenda items marked with * indicate additional materials are included in the packet.

**Individuals Requiring Special Accommodations Should Notify the City MPO's
Office (719) 553-2242 by Noon on the Friday Preceding the Meeting.**

- 1. *Call Meeting to Order***
- 2. *Introductions and Public Comments (non-agenda items only)***
- 3. *Approval of Minutes****
December 14, 2017
Action Requested: Approve/Disapprove/Modify
- 4. *TIP/STIP Administration Modifications Agenda Item(s)****
CDOT Region 2 requests for PACOG MPO/TPR TIP amendment(s)
Action Requested: Approve/Disapprove/Modify

Project Name:

STIP Number: SR26867.087

Fund Source: Regional Priorities

Project Location and Description: 1-25 rest area South bound - north of Pueblo at MP 111- Design phase

Federal Program Funds: \$ 144,883

State Matching Funds: \$ 30,117

Local Matching Funds: \$ -0-

Other Project Funds: \$ -0-

TOTAL PROJECT FUND AMENDMENT: \$ 175,000

The existing Bio-Sun system at the 1-25 SB Rest Area (MP111) stopped working in 2017. The rest area has been closed for approximately 10 months. CDOT has experienced a lot of customer calls since shutting down the rest area from public use. The direction from CDOT Management is to open the rest area for public use while getting the rest area repair work design going as soon as possible. It has been determined to the fix the problem at the south bound rest area new lagoons will need to be installed. The design cost will be \$175,000. Funding will come from reconciled savings from the Regional Priorities funding pool. Construction funding has not been identified at present time.

5. **CDOT Region 2 Updates *(Informational Updates)***
6. **Safety Performance Measures MOU and Resolution***
Action Requested: Recommendation to PACOG to Approve/Disapprove/Modify
7. **Support Letter for Loop Global's***
Action Requested: Recommendation to PACOG to Approve/Disapprove/Modify
8. **Creation of Bike/Ped. Sub-Committee to TAC**
Action Requested: Approve/Disapprove/Modify
9. **Statewide Transit Plan Including "Bustang Outrider"* *(Informational)***
10. **2018 TAC Meeting Schedule* *(Informational)***
11. **Items from TAC Members or scheduling of future agenda items**
12. **Adjourn at or before 10:30 am**

**Minutes of the
TRANSPORTATION ADVISORY COMMISSION
December 14, 2017
8:30 a.m.**

Community Room of the Municipal Justice Center, 200 South Main Street
Agenda Items Marked with * indicate additional materials included in packet

1. Call Meeting to Order

Chairman: John Adams

Time of Call: 8:31 a.m.

MPO Members Present: John Adams, Bart Mikitowicz, Hannah Haunert

TAC Members Present: Darrin Tangeman, Don Bruestle, Pepper Whittlef, Wendy Pettit, Ian Turner, Brad Curtis

CAC Members Present: Kristen Castor

Others Present: Ajin Hu, Steve Moraco, D Worthington

2. Introductions and Public Comments (non-agenda items only).

Introductions were made for Steve Moraco and D Worthington.

3. Approval of Minutes of the regular meeting held on October 12, 2017

Motion to Approve: Pepper Whittlef

Second: Don Bruestle

Unanimous

4. Emerging Transportation Technologies – Representatives from LOOP – a Hyperloop Technology

Loop is transportation that delivers safe, fast, and affordable mobility for all on a full scale magnetic levitation system. This technology would help reduce accidents, pollution, and time. The earliest it would be developed is in 2020-2021. A trip from Pueblo to Denver would take 15minutes and cost \$10. There is a privately funded test project in Colorado Springs from UCCS to downtown. There will be another route that would be privately funded either from Denver to Colorado Springs or Pueblo to Colorado Springs. These projects will get the kinks out and will look into government funding for infrastructure. It consists of a car sized capsule that will hold 6 people in a tube-like capsule (see handout). There will be augmented windows to allow you to see different scenery or the scenery you are traveling through.

There are three different types of capsules: Loop, Hyperloop, and Virgin Hyperloop One.

The bigger the size the more it will cost to operate. Loop will cost about \$5 for a trip-15m/mile, Hyperloop will cost \$60-85m/mile and the Hyperloop One will cost \$75-250m/mile. The Loop would sit 20 feet off of the ground with one tube over another, each tube going in one direction. The tubes can either go underground or above ground. There would be merge lanes for acceleration or deceleration and it will not disrupt the capsule behind you.

Don Bruestle asked how you would control the destination. D Worthington said that the operations would be automatic after you select a destination, but you can also make a decision to stop beforehand. Kristen Castor asked if it is ADA compliant and D said that it is, it has a removeable

arm in the middle and a few places for a wheelchair. Darrin Tangeman asked about the speed inside the city. D said that it will have different speeds.

Pepper Whittlef asked if they will be using a distinct Right of Way (ROW). D Worthington said that they will use existing ROW. Don Bruestle asked where all the electricity will come from. D said that they will pull off the grid but eventually be 100% renewable. Scott Hobson asked if there would be smaller connections such as 5-6 mile connectivity. D said that yes, it will be branched like a tree. Don asked about if the area under the tubes can be used for residents or commercial use. D said that yes, everyone will still be able to use it. For user experience, you sit down and are pushed into a capsule, there will be a 26 second airlock and the capsule will merge into the trunk line.

Don Bruestle asked about the drainage with the tunnels. D Worthington said it will be well drained. D said that the smallest HUB would be 100x100 feet up to a block or as big as DIA. It just depends what is needed or wanted. There can be more stations within the City.

**5. TIP/STIP Administration Modifications Agenda Item(s)*
CDOT Region 2 requests for PACOG MPO/TPR TIP amendment(s)**

Action Requested: Approve/Disapprove/Modify

Project Name: US 50 West – Swallows
STIP Number: SR26867.036
Project Location and Description: US 50 Between Purcell and Pueblo Blvd
Federal Program Funds: \$ 157,713
State Matching Funds: \$ 32,785
Local Matching Funds: \$ -0-
Other Project Funds: \$ -0-
TOTAL PROJECT FUND AMENDMENT: \$190,498

Project Name: US 50A Westbound Widening
STIP Number: SPB7004
Project Location and Description: Purcell to Pueblo Blvd.
Fund Source: Regional Priorities FY 2018
Federal Program Funds: \$ 493,175
State Matching Funds: \$ 102,519
Local Matching Funds: \$ -0-
Other Project Fund: \$ -0-
Total Project Fund Amendment: \$ 595,694

Project Name: US 50A Westbound Widening
STIP Number: SPB7004
Project Location and Description: Purcell to Pueblo Blvd.
Fund Source: Regional Priorities FY 2021
Federal Program Funds: \$2,091,765
State Matching Funds: \$ 434,826
Local Matching Funds: \$ -0-
Other Project Fund: \$ -0-
Total Project Fund Amendment: \$2,526,591

Project Name: US 50C Drainage Improvements
STIP Number: SR26867.059
Project Location and Description: 21st Lane

Fund Source:	Regional Priorities FY 2018
Federal Program Funds:	\$2,793,231
State Matching Funds:	\$ 580,644
Local Matching Funds:	\$ -0-
Other Project Fund:	\$ -0-
Total Project Fund Amendment:	\$3,373,875

Project Name:	US 50C Drainage Improvements
STIP Number:	SR26867.059
Project Location and Description:	21 st Lane
Fund Source:	Regional Priorities FY 2021
Federal Program Funds:	\$1,426,810
State Matching Funds:	\$ 296,599
Local Matching Funds:	\$ -0-
Other Project Fund:	\$ -0-
Total Project Fund Amendment:	\$1,723,409

Project Name:	SH 96 – Arkansas River to US 50
STIP Number:	SR25216.081
Project Location and Description:	SH 96 from Arkansas River to 50/47/96 Interchange
Fund Source:	Regional Priorities FY 2021
Federal Program Funds:	\$ 790,645
State Matching Funds:	\$ 164,356
Local Matching Funds:	\$ -0-
Other Project Fund:	\$ -0-
Total Project Fund Amendment:	\$ 955,001

6. CDOT Region 2 Updates (Informational Updates)

Ajin Hu said that the Senate 267 Bill has passed and that \$1.8b will be allotted but CDOT has to pay back \$50m/year for the next 24 years. It is basically borrowing futures money. There is a list of projects for 1st and 2nd year in the handout. Hwy 50 W widening with a Purcell interchange and PED crossing is on the list. Pepper Whittlef asked why I-25 is not in the list. Ajin said that it is on the ballot list. She also said that 10% of that money will go to Transit and 20% will go to rural areas. Pepper asked who she needs to talk to about Transit money. Ajin said that Michael Snow is the contact for that.

Bustang outrider is starting in January 2018 from Lamar to Pueblo to Colorado Springs. John Adams thought there was a service from Pueblo to Colorado Springs and vice versa. Ajin Hu told John to call them to make sure that is still happening.

There will be construction on Santa Fe Dr in 2019. There is also an infrastructure bill that will be voted on next week.

7. Safety Performance Measures* (Discussion)

The MPO needs to decide at the next TAC meeting if we are going to keep CDOT's target goals or create our own. The MPO will not be held responsible for not meeting the targets but if CDOT does not meet it then they may pull funds from other sources to help reduce the target number. CDOT's number is 1.2 fatalities per 100m miles traveled.

Ajin Hu suggested that there would be a sign to educate the public here in Pueblo on how many deaths have already occurred from accidents. Pepper Whittlef and John Adams agree that we should just use CDOT's target goals since Pueblo County is close to their numbers.

8. FY 2017 Federal Obligated Project Listing* (Informational)

This is funding that will be coming into Pueblo and more information will be available to the public.

9. Items from TAC Members or scheduling of future agenda items

John Adams will ask Bustang if they can do a presentation at our next meeting.

10. Adjournment

Chairman John Adams adjourned the meeting at 10:00 a.m.



COLORADO

Department of Transportation

Region 2

Region 2 Planning
905 N Erie Ave
Pueblo CO 81001-2915

January 2, 2018

To: PACOG
John Adams
211 E. D Street.
Pueblo, Colorado 81003
(719) 553-2244 FAX (719) 549-2359

**CDOT Region 2 request(s) for PACOG MPO/TPR TIP amendment(s)
FY 2012-2017 Transportation Improvement Program
Requires TAC and PACOG Board action to approve/disapprove/modify**

Project Name: Pueblo Rest area repairs.
STIP Number: SR26867.087
Project Location and Description: 1-25 rest area South bound - north of Pueblo at MP 111- Design phase
Fund Source(s): Regional Priorities
Federal Program Funds: \$ 144,883
State Matching Funds: \$ 30,117
Local Matching Funds: \$
Other Project Funds: \$
TOTAL PROJECT FUND AMENDMENT: \$175,000

The existing Bio-Sun system at the I-25 SB Rest Area (MP111) stopped working in 2017. The rest area has been closed for approximately 10 months. CDOT has experienced a lot of customer calls since shutting down the rest area from public use. The direction from CDOT Management is to open the rest area for public use while getting the rest area repair work design going as soon as possible. It has been determined to the fix the problem at the south bound rest area new lagoons will need to be installed. The design cost will be \$175,000. Funding will come from reconciled savings from the Regional Priorities funding pool. Construction funding has not been identified at present time.

Please let me know if you have any additional questions about the proposed notifications.

Sincerely,

Wendy Pettit
CDOT Region 2 Planning

Cc: Jamie Collins (OFMB)
Karen Rowe (R2 RTD)
Jason Ahrens (R2 BO)
Ajin Hu (R2 SPE)



**RESOLUTION
TO ACCEPT THE
COLORADO DEPARTMENT OF TRANSPORTATION (CDOT) SAFETY
PERFORMANCE MEASURE TARGETS
FOR THE PUEBLO AREA COUNCIL OF GOVERNMENTS (PACOG)
METROPOLITAN PLANNING ORGANIZATION
as per 23 U.S.C. 150**

WHEREAS, Regulatory guidance provided pursuant to the adoption of the Fixing America's Surface Transportation (FAST) Act has established the need for states and MPOs to set performance targets concerning different aspects of the transportation system; and

WHEREAS, the performance measures are to be established for safety, pavement condition, bridge condition, system performance, and asset management; and

WHEREAS, the federal government has established deadlines for the adoption by MPOs of safety performance targets by February 27, 2018; and

WHEREAS, MPOs have the option of adopting the state targets in lieu of creating their own; and

WHEREAS, the Colorado Department of Transportation has established the following targets for 2018:

- ✓ Fatalities—610 (Statewide)
- ✓ Fatality Rate per 100 Million Miles Traveled 1.20
- ✓ Serious Injuries—3,350 (Statewide)
- ✓ Serious Injury Rate per 100 Million Miles Traveled —6.79
- ✓ Non-motorists fatalities and serious injuries (pedestrian and bicyclists)—586 (Statewide)

AND, WHEREAS, The Technical Advisory Commission of PACOG has reviewed and made recommendation to adopt the CDOT Safety Targets for 2018 for the PACOG Planning Region; and

NOW, THEREFORE, LET IT BE RESOLVED, that the PACOG MPO does hereby adopt the Colorado Department of Transportation targets for safety year 2018.

Adopted this day: January 25, 2018

PACOG Policy Board Chairman

Attest: _____
PACOG Secretary

MEMORANDUM OF UNDERSTANDING (MOU)

By and between

THE COLORADO DEPARTMENT OF TRANSPORTATION (CDOT)

and

THE PUEBLO AREA COUNCIL OF GOVERNMENTS (PACOG)

for the

THE ESTABLISHMENT OF A PROCESS TO FACILITATE SAFETY TARGET SETTING FOR
THE FIVE PRESCRIBED FAST ACT PERFORMANCE MEASURES

WHEREAS, 23 USC 150(c) establishes requirements for performance measures and targets for safety, infrastructure condition, system performance, freight, and air quality; and

WHEREAS, the pertinent federal regulations require an agreement between CDOT, PACOG, and public transit agencies, including activities related to transportation system performance; and

WHEREAS, the Moving Ahead for Progress in the 21st Century Act (MAP-21) required the Fixing America's Surface Transportation Act "FAST Act" continued and subsequent Federal rulemaking established five performance measures related to Safety. The measures are:

1. Number of fatalities;
2. Number of serious injuries;
3. Rate of fatalities per 100 million vehicle miles traveled;
4. Rate of serious injuries per 100 million vehicle miles traveled; and
5. Number of non-motorized fatalities and serious injuries.

WHEREAS, Federal regulations require state departments of transportations to establish and report annual targets related to each of these five performance measures by August 31 of each year; and,

WHEREAS, CDOT has established statewide targets for the five required performance measures (number of fatalities, number of serious injuries, and rate of fatalities, rate of serious injuries and number of non-motorized fatalities and serious injuries; and,

WHEREAS, MPOs are required to either adopt and support CDOT's statewide targets or set their own targets specific to their areas; and,

WHEREAS, CDOT, PACOG and public transit agencies shall cooperatively determine their mutual responsibilities in carrying out the metropolitan planning process pursuant to 23 USC 134 and in accordance with 23 CFR 450 and 420;

NOW, THEREFORE, in consideration of the mutual promises and representations contained herein, the parties agree as follows:

1. Parties to Memorandum of Understanding (MOU):

This agreement is entered by and between the State of Colorado, Department of Transportation (hereinafter referred to as "CDOT") and the Pueblo Area Council of Governments (hereinafter referred to as "PACOG"). This MOU provides procedures and defines roles and responsibilities identified in the Memorandum of Agreement for Transportation Planning and Programming by and between CDOT and PACOG.

2. Purpose:

The purpose of this MOU, as recited in the preamble, is to set forth the general procedures, mutually acceptable to PACOG and CDOT, for the establishment of a process to facilitate safety target setting for the five-prescribed fast act performance measures

3. Roles, Responsibilities, and Deliverables:

(a) As part of the target setting process, CDOT will:

1. Inform the PACOG of the five performance measure targets established for the state each year by August 31 of each year.
2. Provide the number of fatalities, number of serious injuries, vehicle miles traveled, and number of non-motorized fatalities and serious injuries for the five-year base period within the respective MPO boundaries to PACOG by August 31 of each year.
3. Provide target setting guidance to MPOs should they decide to establish their own targets for one or more of the five performance measures.
4. Facilitate timely sharing of all available roadway safety data (crash, traffic, and roadway data) with PACOG
5. Provide Safety target adoption language for PACOG to incorporate into its Regional Transportation Plan; and
6. Provide staff support necessary to assist PACOG with presenting the adoption of Safety targets

7. Inquire periodically the progress being made by PACOG in the establishment of the five-
aforementioned safety performance targets
8. Will share with PACOG the results of the FHWA determination of whether CDOT has met
or made significant progress toward meeting its HSIP targets

(b) As part of the target setting process, PACOG will:

1. Inform CDOT by August 31 of each year whether PACOG intends to support the CDOT HSIP
targets or establish their own specific numeric HSIP targets for all the performance
measures, or any combination
2. Have the PACOG Board of Directors formally adopt the five safety targets through
resolution, and by February 26 of each year, provide CDOT a letter confirming action of
the PACOG Board of Directors and the date of the approval

(c) If PACOG agrees to support CDOT HSIP targets, the MPO will:

1. Include baseline safety performance, HSIP targets and progress toward achieving HSIP
targets in the system performance report in the Regional Transportation Plan (RTP)
2. Include in the RTP a systems performance report evaluating the condition and
performance of the transportation system with respect to the safety performance targets
described in the RTP including progress achieved by the MPO in achieving safety
performance targets.
3. Work with the CDOT and safety stakeholders to address areas of concern for fatalities or
serious injuries within the metropolitan planning area
4. Coordinate with the CDOT and include the safety performance measures and the CDOT's
HSIP targets for those measures in the RTP
5. Integrate into the metropolitan transportation planning process, the safety goals,
objectives, performance measures and targets described in other CDOT safety
transportation plans and processes such as applicable portions of the HSIP, including the
SHSP
6. Include a description in the Transportation Improvement Program (TIP) of the anticipated
effect of the TIP toward achieving HSIP targets in the RTP, linking investment priorities in
the TIP to those safety targets

(d) If PACOG establishes its own HSIP target, the MPO will:

1. Establish HSIP targets for ALL public roads in the metropolitan planning area in coordination with the CDOT
2. Estimate vehicles miles traveled (VMT) for all public roads within the metropolitan planning area for rate targets
3. Coordinate with the CDOT and include the safety performance measures and the MPO's safety targets for those measures in the RTP
4. Integrate into the metropolitan transportation planning process, the safety goals, objectives, performance measures and targets described in other CDOT safety transportation plans and processes such as applicable portions of the HSIP, including the SHSP
5. Include a description in the TIP of the anticipated effect of the TIP toward achieving HSIP targets in the RTP, linking investment priorities in the TIP to those safety targets

THE COLORADO DEPARTMENT OF TRANSPORTATION

By: _____

Name: _____

Title: _____

Date _____

THE PUEBLO AREA COUNCIL OF GOVERNMENTS

By: _____

Name: _____

Title: _____

Date _____

Upcoming Regularly Scheduled 2018 TAC Meetings

All meetings are held on the 2nd Thursday of the month at 8:30am to 10:30 am.

Location - Police Community Room at [200 South Main Street](#), Pueblo, CO 81003

- Jan 11, 2018
- Feb 8, 2018
- Mar 8, 2018
- April 12, 2018
- May 10, 2018
- June 14, 2018
- July 12, 2018
- August 9, 2018
- September 13, 2018
- October 11, 2018
- November 8, 2018
- December 13, 2018