

Department of Public Works

Kevin Mastin, Executive Director
719-520-6460
Chuck Brown Transportation Complex
3275 Akers Drive
Colorado Springs, CO 80922
www.ElPasoCo.com

Board of County Commissioners
Holly Williams, District 1
Carrie Geitner, District 2
Stan VanderWerf, District 3
Longinos Gonzalez, Jr., District 4
Cami Bremer, District 5

Highway Advisory Commission Meeting Agenda Monday, January 24, 2022 – 1 p.m.

<u>Item</u>	<u>Presenter</u>	<u>Action</u>	<u>Time</u>
1. Call Meeting to Order	Chair		1:00
2. Pledge of Allegiance	Chair		
3. Absences	Chair	Approval	1:05
4. Meeting Minutes Approval December 15, 2021	Chair	Approval	1:10
5. Commissioner/Citizen/ HAC Members Comments (on items not on the agenda) (3 minutes per citizen/ 15 minutes total)			1:15
6. Staff Reports			
A. Administration	Jack Ladley		1:30
B. Highway Division Update	Troy Wiitala		1:45
C. Engineering Division Update	Jennifer Irvine		2:00
D. Speed Limit Signs	Chris Bland		2:15
7. Nomination of Leadership positions	Chair	Approval	2:30
8. Sunshine Law Compliance Memo	Chair	Approval	2:45
9. Agenda Topics for the Next Meeting	Chair	Info	2:50
10. Adjournment	Chair		3:00

Next Highway Advisory Commission Meeting – Monday, February 28, 2022 @ 1 p.m.
at 2880 International Cir, Colorado Springs, CO

**HIGHWAY ADVISORY COMMISSION
MEETING MINUTES
December 15, 2021**

MEMBERS PRESENT: Richard Robertson, Tom Vierzba, Derrick Harper, Larry Tobias, William Harrell, Joe Kneib, Jean Meinzer, David Zelenok, Ed Houle

MEMBERS ABSENT: Dan Ferguson, Andrea Baker

OTHERS PRESENT: Kevin Mastin (EPC DPW), Jack Ladley (EPC DPW), Jennifer Irvine (EPC DPW), Troy Wiitala (EPC DPW), Jana Nemeckova (EPC DPW), Nancy Nelson (EPC IT), Chris Reynolds (EPC DPW), Don McAllister (EPC DPW), Tim Stickel (PC DPW), Kelly Hathaway (EPC DPW)

1. CALL MEETING TO ORDER

Chair Tobias called the meeting to order at 9:05 AM

2. PLEDGE OF ALLEGIANCE

3. ABSENCES

Daniel Ferguson emailed during meeting and excused himself for missing. Ms. Nemeckova did not get his email till after the meeting.

Andrea Baker – 2nd unexcused

4. MEETING MINUTES

MOTION (Mr. Zelenok/Mr. Houle) to approve minutes of the October 20, 2021 meeting.

MOTION TO APPROVE CARRIED UNANIMOUSLY.

5. COMMISSIONER/CITIZEN COMMENTS / HAC MEMBERS

- Mr. Tobias informed all that Mr. William Harrell will no longer be a member on HAC, because of his recent move.
- Mr. Robertson asked about Speed limit on County Line Road and asked for more details. Mr. Mastin promised him that Ms. Nemeckova will reach out to him to schedule in-person meeting with him, Mrs. Irvine and the County Traffic Engineer to discuss further.
- Mr. Zelenok asked for EPC DPW to share high level of information on how speed limits are decided and the role of MUTCD.
- Mr. Zelenok thanked BoCC for appointing him for his 2nd term on PPRTA CAC.

6. STAFF REPORTS

A. ADMINISTRATION

Kevin Mastin, (Director, Department of Public Works)

- HAC meetings in 2022 need to be held on Mondays instead of Wednesdays, due to scheduling conflict of the Hearing Conference Room. They would be on the 3rd Monday (unless holiday), starting at 9 a.m.

MOTION (Mr. Richardson/Mr. Zelenok) to approve to reschedule meetings in 2022. **MOTION TO APPROVE CARRIED UNANIMOUSLY**

- DPW is experiencing slow start of Snow Season, no big events happened yet, but DPW is prepared and ready.
- DPW is exploring a partnership with QUAD Innovation Alliance. Mr. Mastin will update at our next HAC meeting.
- Additional 14 MIL budget for DPW was approved by BoCC for 2022, and additional 11 Full Time positions for 2022.

B. HIGHWAY DIVISION UPDATES

Troy Wiitala (Highway Manager, Department of Public Works)

- Graveling Program
 - Completed; Enoch Road, Peyton Hwy – Bar 10 Road
- Dust Abatement / Reclamation Program
 - Completed; Bar 10 Way, Harrisville Road, Simla Highway, Sweet road, Hopper Road, Pinon Park Road, West Spencer Road, Oasis Avenue, Sphinx, 18 miles 95 lane miles
- Snow Updates 2021-2022
 - 2 snow events to date, slow start for this season
- Customer Service Requests
 - Potholes/Crack sealing
 - Grading
 - Drainage
 - Dead animals pick up
 - Emergency sign repairs
 - Tree trimming
- Paint Striping
 - Complete
- Mowing
 - Complete

C. PPRTA CAC Membership

Jennifer Irvine (County Engineer, Department of Public Works)

- In November 2021 the Town of Calhan became a member of the PPRTA. The PPRTA BOD has requested recommendations from HC and CTAB concerning additional representation (adding a fourth member) to the PPRTA CAC. Two options were discussed and HAC members came up with 3rd option: At-Large Alternate members: 5, Voting members: 15, Total members: 20.

MOTION (Mr. Zelenok/Mr. Vierzba) to approve this third option. MOTION TO APPROVE CARRIED UNANIMOUSLY

D. ENGINEERING DIVISION UPDATE

Jennifer Irvine (County Engineer, Department of Public Works)

- EPC DPW received a Grant for the construction phase of the Calhan Highway Bridge.
- Mrs. Irvine provided most current update on the Greenhouse Gas Bill.

E. HAC YEARLY SCHEDULE FOR 2022

Kevin Mastin (Director, Department of Public Works)

- 2022 HAC yearly schedule was presented. No changes were made

7. AGENDA TOPICS FOR THE NEXT MEETING

- QUAD partnership update
- Speed limit signs
- Any updates on money to be received after our President signed the new Bill?

This meeting was adjourned at 11:19 AM.

**The next HAC meeting will be on January 24, 2022 at 1 p.m. at
2880 International Cir, Colorado Springs**

Respectfully submitted,

Jana Nemeckova

Executive Assistant to the County Engineer / Board Liaison – Department of Public Works



Highway Division Highway Advisory Commission

January 24, 2022

Troy Wiitala
Highway Manager

Highway Updates

2021 Completion Numbers

✓ Lane Miles Graveled	67.64
✓ Lane Miles Chip Sealed	71.66
✓ Lane Miles Dust Abatement	186.28
✓ Lane Miles of Striping	148.09
✓ Signs Upgraded	479.00
✓ Snow Events 2020-2021	25



Highway Updates

Graveling Program 2022

- ✓ Working on Calhan Hwy South

Dust Abatement Program 2022

- ✓ Completed Milne Rd

Snow Updates 2021-2022

- ✓ 8 Snow events to date

Customer Service Requests

- ✓ Potholes/crack sealing
- ✓ Drainage
- ✓ Grading
- ✓ Dead animal pickup
- ✓ Emergency sign repairs
- ✓ Tree Trimming



Calhan Hwy South





Questions?



El Paso County Highway Advisory Commission

Jennifer E. Irvine, County Engineer

Monday, 24 January 2022

2021 Completion Numbers

✓ Miles of Road Paved (Lane)	45
✓ Cross Pans Constructed (Each)	50
✓ Curb & Gutter Constructed (Linear Feet)	23,000
✓ Pedestrian Curb Ramps Constructed (Each)	170
✓ CO811 Locates/Tickets	1,731/28,668
✓ Work in ROW permits	936



2021-Other Projects

Fontaine Boulevard-Grinnell Boulevard Intersection



2022-El Paso County MTCP

- ✓ Major Transportation Corridor Plan (MTCP)
- ✓ Element of the El Paso County Master Plan
- ✓ Long-range transportation plan for unincorporated El Paso County
- ✓ Identifies roadway capacity needs through 2045
- ✓ Identifies right-of-way preservation needs for 2065
- ✓ Used by DPW, PCD, CSD
- ✓ Plan identifies needed improvements
- ✓ Roadway functional classes & expected number of lanes for future roads
- ✓ Update of the 2016 plan

<https://publicworks.elpasoco.com/road-bridge-planning/mtcp/>





Questions?



Engineering Division

Speed Limit

Considerations

January 24, 2022
Chris Bland

Speed Limit Information

El Paso County Engineering Criteria Manual (ECM):

- Road design tables specify design and posted speeds.
- Road standard drawings specify design and posted speeds.
- Design speed: speed selected to determine road design features.
- Posted speed: maximum signed vehicle speed along a road.

El Paso County ECM also references:

- Model Traffic Code for Colorado, Part 11 Speed Regulations.
- Manual on Uniform Traffic Control Devices (MUTCD).



Engineering Criteria Manual (ECM)

Roadway Design Standards Tables:

- 2-4. Rural Expressways and Arterials Criteria (high-speed).
- 2-5. Rural Collectors and Locals Criteria (lower-speed).
- 2-6. Urban Expressways and Arterials Criteria (high-speed).
- 2-7. Urban Collectors and Locals Criteria (lower speed).
- Non-local road posted speeds are 5 mph below design.
- Local road posted speeds are equal to design (low-speed).



Model Traffic Code - Speed Regulations

(C.R.S. 42-4-1101 and C.R.S. 42-4-1102)

1101. Speed limits (statutory - effective w/o signing):

- 20 mph on narrow, winding mountain highways.
- 30 mph in residential area.
- 40 mph on open mountain highways.
- 55 mph on other open highways.
- Reasonable, prudent reduced speed required when warranted (pedestrian, traffic, weather, visibility, road conditions).

1102. Altering of speed limits (effective with signing):

- New road construction design standards (DPW follows), or
- Traffic investigation or survey.



Manual on Uniform Traffic Control Devices (MUTCD)

Speed limit consideration factors:

- Road characteristics: shoulder, grade, alignment, sight distance.
- Prevailing speed – typical vehicle operating speed that may be defined by average, pace, or 85th-percentile speeds.
- Pace: largest percentage of vehicles within 10 mph speed range.
- 85th: speed at or below which 85 percent of vehicles travel.
- Roadside development and environment (density / access).
- Parking practices and pedestrian activity.
- Reported crash experience for at least a 12-month period.



Concluding Remarks

- Speed limits on roads built prior to the ECM may have limited design (narrow shoulder, less-managed access).
- A re-designed road provides an opportunity for speed limit changes, based on new and evident road design attributes.
- Speed limits may seem obvious, but several roadway design factors influence traffic safety, such as sight distance, access.
- Design criteria balances safety and efficiency, consistent with the intended roadway traffic mobility and access functions.
- Speed limits are not absolute, instances may exist where drivers must slow, as defined in the Model Traffic Code.





Questions?

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MEMORANDUM

TO: Ingrid Mobley, Administrative Assistant to the County Administrator
Jackie Allred, Clerk to the Board Manager

FROM: Jana Nemeckova, Highway Advisory Commission Liaison and Recording Secretary

RE: Highway Advisory Commission Sunshine Act Compliance

DATE: January 24, 2022

Pursuant to guidelines established by the Board of County Commissioners for compliance with the Colorado Open Public Meeting Sunshine Act, the following information addresses the section whereby each County board shall notify the Clerk to the Board of the name and office location of the official custodian of board minutes.

To this end, we hereby inform you that the El Paso County Department of Public Works is the official custodian of the El Paso County Highway Advisory Commission meeting minutes. The electronic records of all meeting minutes are on file at the Department of Public Works facility located at 3275 Akers Drive, Colorado Springs, Colorado, 80922, and are available at this location for public review.

Jana Nemeckova or her designee shall be responsible for ensuring that appropriate notice of Highway Advisory Commission meetings are forwarded to the County's official bulletin board located at 200 S. Cascade Avenue. Notice will be given in the form of an agenda which will state the date, time, and place of the meetings or any other meetings in which compliance with the Sunshine Act is required. The agenda will also be posted on the Department of Public Works website.

This procedure for compliance with the Sunshine Act was discussed and approved by the El Paso County Highway Advisory Commission on January 24, 2022 for the 2022 calendar year.

Please contact me if you have questions or need additional information.

Jana Nemeckova
jananemeckova@elpasoco.com

Customer Service Survey Report Aug - Sept 2021

Service requests Completed	344	
Surveys Returned	4	

1.) Overall satisfaction of El Paso County Department of Public Works

Extremely satisfied	2	50%
Moderately satisfied	1	25%
Slightly satisfied	0	0%
Neither satisfied nor dissatisfied	0	0%
Slightly dissatisfied	1	25%
Moderately dissatisfied	0	0%
Extremely dissatisfied	0	0%
No Reply	0	
Grand Total	4	100%

2.) Rate the quality of work that was performed

Very high quality	1	25%
High quality	2	50%
Neither high nor low quality	0	0%
Low quality	0	0%
Very low quality	1	25%
No Reply	0	0%
Grand Total	4	100%

3.) Overall, are you satisfied or dissatisfied with customer service

Extremely satisfied	0	0%
Very satisfied	3	20%
Somewhat satisfied	0	0%
Not so satisfied	0	0%
Not at all satisfied	1	7%
No Reply	0	0%
Grand Total	15	100%

Service Request Type	Open	Cancelled	Closed	Referred to Other Jurisdictions	Totals
Concrete Repair	3	4	0	2	9
Crack Sealing	8	0	1	0	9
Dead Animal Removal	0	0	21	4	25
Drainage Maintenance	7	2	3	4	16
Dumping / Trash Removal	2	0	17	3	22
Grading / Gravel Repair	3	16	39	1	59
Guard Rails	0	0	1	0	1
Median / Right of Way Maintenance	1	0	2	5	8
Pothole	4	1	11	13	29
Road Painting / Striping	4	1	1	0	6
Shoulder Maintenance	2	0	6	1	9
Snow and Ice Control	0	0	5	0	5
Street Lights	0	2	0	4	6
Street Signage	22	3	24	14	63
Street Sweeping	0	1	4	8	13
Traffic Signals	1	2	8	6	17
Tree Trimming / Removal	5	0	12	27	44
Washout	0	0	2	1	3
Total SR Types: 25	62	32	157	93	344

<u>Road Name</u>	<u>Date of Survey</u>	<u>Customers Comments</u>
Satisfied		
La Costa Rd	Dec. 21, 2021	Thanks for doing a great job, you always come within a few weeks of my request and it is greatly appreciated!

Dissatisfied		
Enoch Rd.	Dec. 10, 2021	I put in a request to have my Road re-graded you canceled my request because someone else has already put in a request but nothing has been done to the Road the road has not been re-graded for a long time.
Bradley Rd	Dec. 16, 2021	There are several other trees that are either dead or very near along Bradley Road that, for safety and looks, should be removed. Many of these were not trimmed and branches are weak.