NFRMPO TECHNICAL ADVISORY COMMITTEE
MEETING AGENDA
June 21, 2017
Windsor Community Recreation Center
250 N. 11th Street–Pine Room
Windsor, Colorado
1:00 – 3:30 p.m.

1. Introductions
2. Public Comment (2 minutes each)
3. Approval of May 17, 2017 Meeting Minutes (page 2)

CONSENT AGENDA:
No Items this month.

ACTION ITEMS:
No Items this month.

OUTSIDE PARTNERS REPORTS (verbal):
4. NoCo Bike & Ped Collaborative
5. Regional Transit Agencies
6. Senior Transportation
7. Regional Air Quality Council

DISCUSSION ITEMS:
8. Jefferson Street Improvement Project Update (page 6) Kyle Lambrecht, Fort Collins
9. 2015 Transportation Profile (page 9) Dusil
10. Speed Limits Project Dusil
11. 2045 Regional Travel Demand Model Update (page 10) Karasko
12. 2045 Regional Transportation Plan (RTP) Components Schedule (page 11) Karasko

REPORTS:
13. Roundtable All

MEETING WRAP-UP:
14. Final Public Comment (2 minutes each)
15. Next Month’s Agenda Topic Suggestions

TAC MEMBERS: If you are unable to attend this meeting, please contact Becky Karasko at (970) 416-2257 or bkarasko@nfrmpo.org. Thank you.
MEETING MINUTES of the  
TECHNICAL ADVISORY COMMITTEE (TAC)  
North Front Range Transportation and Air Quality Planning Council  
Windsor Recreation Center - Pine Room  
250 North 11th Street  
Windsor, CO  
May 17, 2017  
1:08 p.m. – 3:18 p.m.

TAC MEMBERS PRESENT:  
Dawn Anderson, Chair - Evans  
Dennis Wagner, Vice-Chair - Windsor  
David Averill - Fort Collins Alternate  
Jeff Bailey - Loveland  
Janet Bedingfield - Senior Resource Services  
Eric Bracke - Greeley  
Stephanie Brothers - Berthoud  
Paul Lee - CDPHE-APCD  
Janet Lundquist - Weld County  
Suzette Mallette - Larimer County  
Karen Schneiders - CDOT

TAC MEMBERS ABSENT:  
Amanda Brimmer - RAQC  
Aaron Bustow - FHWA  
Gary Carsten - Eaton  
John Franklin - Johnstown  
Eric Fuhrman - Timnath  
Wendy Heywood - LaSalle  
Ranae Tunison - FTA  
Nick Wharton - Severance  
Town of Milliken

IN ATTENDANCE:  
Leroy Baca - Greeley  
Sarah Goodwin - RAQC  
Wesley Hood - AM Signal, Inc.  
Myron Hora - WSP  
Johnathan Huey - Loveland  
James Johnson - Windsor  
Dave Klockeman - Loveland  
Peter Kozinski - CDOT RoadX  
Josh Olhava - Windsor  
Jake Schuch - CDOT  
Kathy Seelhoff - CDOT  
Katelyn Smith - CDOT  
Wade Willis - Windsor

CALL TO ORDER  
Chair Anderson called the meeting to order at 1:08 p.m.

PUBLIC COMMENT  
There was no public comment.

APPROVAL OF THE APRIL 19, 2017 TAC MINUTES  
Mallette moved to approve the April 19, 2017 TAC meeting minutes. Wagner seconded the motion and it was approved unanimously.

CONSENT AGENDA  
2040 RTP Amendment #2 - Bracke moved to recommend Planning Council approval of the 2040 RTP Amendment #2 and it passed unanimously.
**ACTION ITEMS**

**May 2017 TIP Amendments**- Karasko stated eight projects are in the May 2017 TIP Amendments, including five project additions and three project revisions. The removal of the US34 Bypass Signal at 83rd Ave project, which was not recommended for Planning Council approval at the April TAC meeting, is included in this Amendment. Lundquist moved to recommend Planning Council approval of the May 2017 TIP Amendments and it passed unanimously.

**FY17 CMAQ and STP Metro Additional Reconciliation Allocation**- At the April TAC meeting NFRMPO staff informed TAC members of the duplication issue for the previous two allocation recommendations and presented a proposed allocation of the FY17 funds. The proposed allocation was emailed to TAC members for review on April 21. Karasko reviewed the amounts allocated to each of the CMAQ pools in the 2014 Call for Projects. Schneiders stated the Fort Collins Horsetooth and College project had been completely de-federalized and asked if the TIP Amendment request had been made on behalf of the City of Fort Collins. Klockeman asked if the whole project was being de-federalized. Schneiders explained CDOT’s pilot project would swap the federal funds for state funds and expedite the process. Bracke asked where the funds had gone. Schneiders agreed to report back to TAC on the details of the swapped funding for the de-federalization of the Horsetooth and College project. Mallette clarified no money was changing, it was only being swapped. Lundquist moved to recommend Planning Council approval of the FY17 CMAQ and STP Metro Additional Reconciliation Allocation and it passed unanimously.

**Evans US85 Access Control at 31st Street Project** - Anderson stated the City of Evans is committed to completing the improvements detailed in the US85 Access Control Plan, they are requesting the scope of the project be reduced to design and construction funding for the northwest quadrant of the project area. Anderson noted right-of-way acquisition will be paid for using local developer funding. Anderson reviewed project maps showing the scope revisions, noting two of the three intersections have been completed. Mallette asked Anderson to clarify the markings on the map in the packet. Anderson replied the green areas are what Evans is requesting be removed from the project scope and the red signifies areas of the original scope. Averill asked if STP Metro was the original funding source. Anderson confirmed that was correct and added they are not requesting additional funds, only to modify the scope. Schneiders asked what the project implementation’s date. Anderson outlined the timeline: design and right-of-way in 2017; construction to begin fall 2018; and project completion in 2019. Bracke asked if the project would still be consistent with the US85 Access Control Plan. Anderson confirmed it would. Klockeman recognized the overall project will now be much more expensive than originally anticipated because it will now be done by developers, citing Evans’ their local overmatch will now be larger than it was previously and identifying that in the narrative would be very beneficial to Planning Council. Bailey moved to recommend Planning Council approval of the Evans US85 Access Control at 31st Street Project scope change and it passed unanimously.

**PRESENTATIONS:**

**RoadX** - Peter Kozinski, CDOT, presented on RoadX, a new CDOT effort to transform Colorado’s transportation system through the use of innovative technology for crash-free, injury-free, and delay-free travel. This will be accomplished through the use of advanced data collection and analytics, vehicle-to-infrastructure technology, ramp metering, virtual guardrails, and other advanced strategies and technologies. He stated getting autonomous vehicles on the road is a high priority for CDOT and will be of great significance for transportation infrastructure throughout the country. Schneiders asked if the technology will also be coming to North I-25. Kozinski replied it would and noted once the program is successful, RoadX will end and projects will be funded more traditionally and available in more areas. Kozinski noted over 300 entries were submitted for the RoadX Bicycle & Pedestrian Challenge, and winners will be announced the week of May 22. CDOT is in a finalist group
being considered for a public-private partnership (P3) with Hyperloop One, a project that would be very exciting for transportation in the North Front Range.

Mallette asked what the projected timeline was for having autonomous vehicles on the road. Kozinski responded Ford projects they will have a commercially-available self-driving vehicle by 2021. Averill asked about freight or transit vehicles with autonomous vehicle service. Kozinski replied Colorado is currently in a partnership with Michigan and have an RFP in process for a transit provider, but he was not certain of an exact date. He predicted it would be earlier than passenger vehicles. Lundquist asked what the date was for the final Hyperloop decision and when there may be a plan for the Fort Collins area. Kozinski stated Hyperloop finalists should be announced very soon, but he did not have information on the Fort Collins plan, as they are part of a separate group.

Simple Steps. Better Air. - Sara Goodwin, RAQC, presented Simple Steps. Better Air., formerly the OzoneAware program. The program was recently rebranded as a stronger call to action and behavior change that fits with the Colorado lifestyle. Goodwin showcased the program’s new slogans, logos, and marketing strategies for the 2017 Ozone season. Program materials are available for all communities.

VW Settlement Update - Paul Lee, CDPHE-APCD, provided an update on the Volkswagen (VW) Settlement, outlining estimated timelines, associated plans/programs, and the new settlement terms, which include an initial $68M allocation for Colorado expected in early 2018. Mallette asked if the $10M for light-duty vehicle charging stations only includes electric or hydrogen fuel. Lee replied that was correct. Mallette asked how they would solicit applications for funds. Lee replied they are still working on a process. Averill commented the settlement money should be steered toward areas that were the most impacted by the VW and Audi vehicles. Lee responded they may consider a point system that would favor areas where more of the vehicles were located, but the money is intended to be used by the entire state. Schneiders suggested bringing someone from the transportation sector (STAC, TAC, etc.) who is familiar with the CMAQ process to be part of the selection team. Lee agreed to take the suggestion back for discussion.

NFRMPO Bike Counter Program Panel - Wade Willis, Town of Windsor; Jonathan Huey, City of Loveland; and Wesley Hood, AM Signal, Inc. (formerly with the City of Greeley) reviewed their experiences using both the NFRMPO mobile and permanent bike counters in their communities. Some reported skewed readings due to counters being too low, moved, or obstructed, demonstrating the need to check the counters every day.

OUTSIDE PARTNERS REPORTS (verbal)

Northern Colorado (NoCo) Bike & Ped Collaborative - Karasko reported Loveland will be hosting a NoCo workshop at the Loveland Library on June 14 in place of their regular meeting. They will have bicycle, pedestrian, and transit assessments for a $25 fee. The construction updates on regional trails from both the 2040 RTP and 2016 Non-Motorized Plan were discussed at the May 10 NoCo meeting.

Regional Transit Items - Jones reported construction on the new GET Transit Center is moving along, the beams are up, the concrete is in, and they are working on a plan for their regional routes. Averill stated Transfort will be pursuing a discretionary grant for the FTA Low or No Vehicle Emissions Vehicle Program and partnering with Proterra to get four or five busses for West Elizabeth Street near CSU. Schneiders stated the Division of Transit and Rail would be presenting on the Bustang Outrider program, a provision of additional stops, and existing routes used to fill the gap that currently exists within the program at the May 19 STAC meeting.

Senior Transit Items - Janet Bedingfield, Executive Director at Senior Resource Services (SRS), and newly appointed TAC Senior Transportation Representative, introduced herself.

Regional Air Quality Council - There was no one present.
**DISCUSSION ITEMS:**

No items this month.

**ROUNDTABLE**

Karasko stated she sent an email regarding the America Cultural Corridor Construction grant funding program. Dusil’s article on UrbanSim was published in the APA Colorado newsletter’s technology issue. Karasko stated RAQC is requesting a member of a local government to be a representative for the Pollution Prevention Advisory Board. Anyone interested may contact her and she will forward them the information.

Mallette stated Larimer County’s draft Master Transportation Plan link would be going out to the TAC and she appreciated feedback from all Larimer County communities.

Schneiders and Schuch introduced Carolyn Smith who will be working on projects in the south half of the region.

Averill stated Fort Collins is working on their new Comprehensive Plan, which will be either a new effort or a refresh. They will make their determination based on results from an upcoming public involvement event.

Anderson stated Evans had a bid opening May 12th for their 65th Avenue project. Contractor bids came in with a low of $1.9M and a high of $2.4M. They will be moving forward on the awarding of the project.

**MEETING WRAP-UP**

**Final Public Comment** - There was no final public comment.

**Next Month’s Agenda Topic Suggestions** - Ryan Dusil will present the Transportation Profile and community pages will be going out to the communities soon. The Fort Collins Jefferson Street/SH14 project scope change request may be on the agenda.

**Meeting adjourned at 3:18 p.m.**

**Meeting minutes submitted by:** Renae Steffen, NFRMPO Staff

The next meeting will be held at 1:00 p.m. on Wednesday, June 21, 2017 at the Windsor Recreation Center, Pine Room.
AGENDA ITEM SUMMARY (AIS)

North Front Range Transportation & Air Quality Technical Advisory Committee (TAC)

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<th>Meeting Date</th>
<th>Agenda Item</th>
<th>Submitted By</th>
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<td>June 21, 2017</td>
<td>Jefferson Street/SH14 Project Update</td>
<td>Kyle Lambrecht, Fort Collins</td>
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**Objective/Request Action**

To provide a project update and discuss next steps for the City of Fort Collins’ Jefferson Street/SH14 Improvements Project.

- Report
- Work Session
- Discussion
- Action

**Key Points**

In early 2007, the City of Fort Collins (City) applied for in Congestion Mitigation and Air Quality (CMAQ) funds for specific improvements along Jefferson Street/SH14 between North College Avenue and the Lincoln/Mountain intersection. Proposed improvements included reducing Jefferson from four through lanes to two through lanes, a center turn lane, enhanced pedestrian facilities, on-street parking, and a modern roundabout at the Lincoln/Mountain Intersection. Although initially supported by the North Front Range Metropolitan Planning Organization (MPO), the Colorado Department of Transportation (CDOT) did not support the proposed improvements.

Recognizing CDOT’s concerns, the City revised its proposal for improvements along Jefferson Street. As opposed to defining specific improvements, the proposal focused on a more traditional project approach, starting with a Conceptual Design, defining a preferred alternative, and proceeding to engineering design development. In March, 2009, the City entered into an Intergovernmental Agreement (IGA) with the Colorado Department of Transportation (CDOT) enabling the City to receive $1,249,000 ($1,000,000 federal, $207,875 local match, $41,125 local overmatch) in CMAQ funds for the Jefferson Street/SH14 Improvements Project. The project’s original scope of work included:

- An Alternatives Analysis Study
- Preliminary and Final Engineering
- Right-of-Way Acquisition
- Possibly Construction of strategic improvements

Shortly thereafter, the City initiated the Jefferson Street Alternatives Analysis Project. The project was a joint effort between the City, the Downtown Development Authority (DDA), and CDOT. Additional stakeholders included the Union Pacific Railroad, the Colorado Motor Carriers Association, Larimer County, and adjacent property owners. As stated in the Jefferson Street Alternatives Analysis Report, “The purpose of the Jefferson Street project is to improve the air quality, livability, and urban character of the Jefferson Street Corridor while enhancing the experience for pedestrians, bikes, and transit and maintaining mobility of autos and trucks.” The preferred alternative recommended by the report included the following:

- A “three lane” configuration along Jefferson Street (Two northbound and One southbound through lanes) between North College Avenue and Chestnut Street
- On-street parking with a buffer zone from the through lane on the south side of Jefferson
- Streetscape improvements focusing on multimodal connectivity across Jefferson Street
- Raised, landscaped medians
- Enhancing the existing signalized intersection at the Lincoln/Mountain intersection.

The City and CDOT formalized the preferred alternative through a second IGA in July, 2013.

The City initiated the preliminary engineering phase of the project in early 2016, with a goal of creating roughly 60% plans for the improvements defined in the July, 2013 IGA. The City purposefully delayed the preliminary engineering phase of the project as several developments within the project’s vicinity were beginning to clarify preferred multimodal routes along and across
Jefferson Street. Using this information, as well as previously gathered data and feedback, preliminary engineering plans were finalized in May, 2017.

With preliminary engineering plans complete, the City has shifted its focus to completing environmental clearances and property acquisition along Jefferson Street. Both the City and CDOT will be working on various environmental clearances prior to beginning the property acquisition phase. The City anticipates the property acquisition phase beginning in March, 2018.

To date, final engineering and construction funds have not yet been identified for the project. Once construction funds are identified, the City will complete final engineering plans. As has been the case throughout the project, the City anticipates working closely with CDOT as well as all interested stakeholders through the remainder of the project.

Committee Discussion
Fort Collins requests that the TAC discuss and provide feedback on the project.

Supporting Information
The City of Fort Collins is committed to improving Jefferson Street between North College Avenue and the Lincoln/Mountain Intersection. Jefferson Street is currently viewed as a barrier for multimodal traffic accessing both Old Town Fort Collins to the south and the Downtown River District to the north. As the River District continues to develop, the City will need a safe and inviting multimodal connection between the two areas.

The City is committed to completing the 60% engineering plans and strategically acquiring property interests along Jefferson Street. The City has existing work orders in place with a consultant to complete this work. The City is actively seeking additional funds to support the final engineering and construction phases.

Advantages
The Jefferson Improvements Project is intended to improve the safety and usability of the existing roadway and on-street parking. In support of the CMAQ program, the Jefferson Street Improvements Project will create a more inviting multimodal environment for users of both the Old Town Fort Collins and Downtown River District, thus, improving air quality.

Disadvantages
The final engineering and construction phases of the project are currently unfunded. Planned development projects near and adjacent to Jefferson Street may necessitate redesign to accommodate new multimodal traffic patterns.

Analysis/Recommendation
Fort Collins requests continued support from the TAC as the City moves forward with the environmental clearances and property acquisition phases.

Attachments
- Location Map
- Jefferson Street Funding IGA - March, 2009
MEMORANDUM

To: NFRMPO Technical Advisory Committee
From: Ryan Dusil
Date: June 21, 2017
Re: 2015 Transportation Profile

Background

NFRMPO staff has completed the Draft 2015 Transportation Profile for the NFRMPO region. The Transportation Profile is a snapshot and inventory of the transportation facilities and services that existed in the region in 2015, as well as the demographic context that shaped them. Establishing a transportation profile allows the NFRMPO to assess the state of the regional transportation system between four-year Regional Transportation Plan (RTP) updates. This document is a tool member jurisdictions and the general public can use to identify the components of their local transportation system, how their system serves the community, and how it fits into the larger regional system.

The Transportation Profile outline and a draft of the Evans Community Profile were presented at the February 2017 TAC meeting. In May and June, Draft Community Profiles were sent to the TAC members from each NFRMPO member community.

Methodology

A baseline year of 2015 is being used as it is the most recent year for which data on all transportation components is available. The Transportation Profile includes a regional overview of transportation components and their demographic and economic context with an appendix of individual community profiles specific to each NFRMPO member jurisdiction. The Transportation Profile can be accessed here: http://nfrmpo.org/wp-content/uploads/2015-transportation-profile-draft.pdf.

Action

Staff requests TAC provide feedback on the content and layout of the 2015 Transportation Profile.
MEMORANDUM

To:   NFRMPO Technical Advisory Committee

From: Becky Karasko

Date: June 21, 2017

Re:    2045 Regional Travel Demand Model Update

Background

NFRMPO staff will be issuing a Request for Proposals (RFP) this summer for updates to the Regional Travel Demand Model (RTDM) ahead of the 2045 Regional Transportation Plan (RTP). In addition to updating the base year of the RTDM to 2015 and the out year to 2045, additions and updates to the RTDM include:

- External Station review and update
- Special Generator review and update
- Incorporate Freight truck counts into trip tables and update existing trip tables
- Model Interface improvements
- New data outputs to aid in federal performance measure reporting

These additional elements will ensure the outputs from the model are more accurate and useful to the region and the NFRMPO for the 2045 RTP and associated plans and future studies.

Action

Staff requests TAC provide feedback on the components to the Regional Travel Demand Model.
MEMORANDUM

To: NFRMPO Technical Advisory Committee
From: Becky Karasko
Date: June 21, 2017
Re: 2045 Regional Transportation Plan (RTP) Components Schedule

Background

NFRMPO staff will be issuing a Request for Proposals (RFP) this summer for updates to the Regional Travel Demand Model (RTDM) ahead of the 2045 Regional Transportation Plan (RTP). In addition to updating the base year of the RTDM to 2015 and the out year to 2045, additions and updates to the RTDM include:

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<tr>
<th>Component</th>
<th>Estimated Completion Date</th>
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<tr>
<td>2045 Socioeconomic Forecast</td>
<td>Late Fall 2017</td>
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<tr>
<td>Freight Northern Colorado Plan</td>
<td>December 2017</td>
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<tr>
<td>2017 Coordinated Public Transit/Human Services Transportation Plan</td>
<td>December 2017</td>
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<td>2018 Call for Projects</td>
<td>Fall 2018</td>
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<td>2045 RTP</td>
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<td>2018 Congestion Management Process</td>
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<td>2045 Regional Transit Element</td>
<td>Spring 2019</td>
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<td>FY2020-2023 TIP</td>
<td>Spring 2019</td>
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<tr>
<td>2045 RTP</td>
<td>September 2019</td>
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<tr>
<td>2019 Public Involvement Plan</td>
<td>December 2019</td>
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These components will ensure a holistic approach to the creation of the 2045 RTP, providing the region with an updated and comprehensive vision.

Action

Staff requests TAC provide feedback on the 2045 RTP components schedule.