

ON THE MOVE

North Front Range Transportation News

October 2015

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NFRMPO
NORTH
FRONT RANGE
METROPOLITAN
PLANNING
ORGANIZATION



Northern Colorado

Bike & Walk CONFERENCE

PRESENTED BY NOCO BIKE & PED COLLABORATIVE

November 5, 2015 7:30am - 4:35pm
Student Center, UNC Campus, Greeley, CO

Healthy Community Design

*Walking Audit
with
Mark Fenton*

*Join us and national expert, Mark Fenton,
to learn how biking and walking can affect
economy, health, transportation, and much more*

\$30

*Local
Projects*

For more information or to register:

<http://www.cpra-web.org/event/NOCOBikeWalkConference>

Breakfast and Lunch provided

Construction Updates

Construction is in full swing in the North Front Range region. Many CDOT and local roadway and trail projects are scheduled to wrap-up or begin construction soon. The map and schedule on the next page show the location, phasing, and timing of roadway and trail construction projects.

For current information on CDOT's projects, please visit the **Your CDOT Dollar** website at <http://bit.ly/1g4XaTH>.

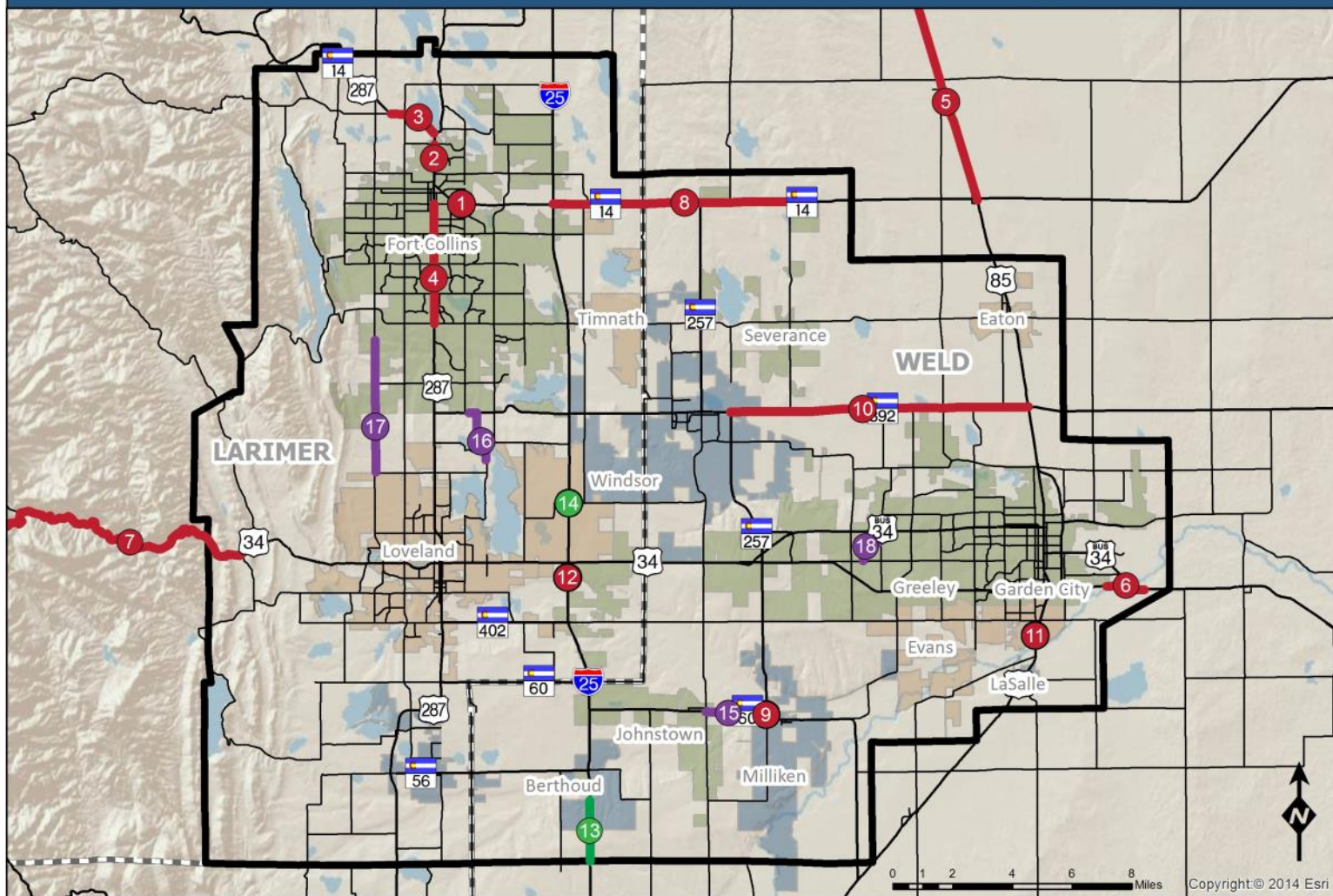
For an updated listing of scheduled lane closures, please visit the CDOT website at <http://bit.ly/1FCuz3b>

Many communities within the North Front Range provide current information on roadway construction and capital improvement projects. A list of website links is available to individual community resources.

Local Construction Information

Community	Website
Berthoud	Public Works: http://www.berthoud.org/Town/works.php Streets Department: http://www.berthoud.org/Town/streets.php
Eaton	Planning and Zoning: http://www.eatonco.org/planning-and-zoning.htm
Evans	Public Works: http://www.evanscolorado.gov/publicworks
Fort Collins	FC Trip: http://www.fcgov.com/fctrip/ Streets Department: http://www.fcgov.com/streets/ Engineering: http://www.fcgov.com/engineering/
Greeley	Public Works: http://greeleygov.com/services/public-works/transportation Map of Capital Improvements: http://greeleygov.com/government/gis
Johnstown	Streets Department: http://www.townofjohnstown.com/20/Streets
LaSalle	Public Works: http://www.lasalletown.com/Town_of_LaSalle/Public_Works.html
Loveland	Streets Department: http://www.ci.loveland.co.us/index.aspx?page=171
Milliken	Public Works: http://www.millikenco.gov/streets-drainage--weather.htm
Severance	Public Works: http://www.townofseverance.org/index.asp?SEC=F4606961-5001-424B-86EE-805436CD1830&Type=B_BASIC Engineering: http://www.townofseverance.org/index.asp?SEC=BCBC0826-DDD3-4309-9593-228FE5A051B4&Type=B_BASIC
Timnath	Engineering: http://timnath-co.gov/business/engineering/
Windsor	Town Projects: https://www.windsorgov.com/index.aspx?nid=575
Larimer County	Construction: http://www.larimer.org/engineering/construction.htm Engineering: http://www.larimer.org/engineering/
Weld County	Public Works Current Projects: http://www.co.weld.co.us/Departments/PublicWorks/EngineeringandRightofWay/CurrentProjects.html

Roadway and Trail Construction Projects



Sep, 2015

Sources: CDOT, 2014

Legend

- NFRMPO Boundary
- County Boundary

Current Projects

- | | |
|---|---|
| <ul style="list-style-type: none"> 1 Mulberry Bridge Replacement @ Poudre River
November, 2015 completion 2 US287 North: Conifer to Willow
Fall 2015 completion 3 US287 North: SH1 to LaPorte Bypass
advertisement* in fall 2015 4 US287: Harmony to Mulberry Resurfacing
2016 completion 5 US85: Ault to Wyoming
construction underway 6 US34: East Greeley Permanent Repairs
Fall 2015 completion | <ul style="list-style-type: none"> 7 US34: Big Thompson Canyon Flood Repair
Fall 2015 construction 8 SH14: I-25 to WCR 23 Resurfacing
Fall 2015 completion 9 SH60 @ SH257 Permanent Repairs
Fall 2015 completion 10 SH392: Windsor to Lucerne Resurfacing
December, 2015 completion 11 US85: Evans Park-N-Ride
Fall 2015 completion 12 I-25: GWRR Bridge near US34
Fall 2015 construction |
|---|---|

I-25 Projects - 2016

- 13 I-25: Berthoud Hill Truck Climbing Lane
Spring 2016 construction start, 2016 completion
- 14 I-25: Crossroads Blvd Interchanges / Bridges
Spring 2016 construction start, 2017 completion

Trail Projects - 2016

- 15 SH60 Milliken - Johnstown Trail
2016 completion
- 16 Front Range Trail Corridor - Larimer County
Summer 2016 construction
- 17 Long View Trail Corridor - Larimer County
Summer 2016 construction start, 2017 completion
- 18 Sheep Draw Trail - Greeley
2016 construction, 2017 completion

* Advertisement is a published notice of availability for a contract for construction.

NFRMPO Plan and Program Adoption

NFRMPO staff recently completed work on several federally- and state-mandated plans, including the 2040 Regional Transit Element (RTE), the 2015 Congestion Management Process (CMP), the FY2016-2019 Transportation Improvement Program (TIP), and the 2040 Regional Transportation Plan (RTP). These plans were adopted by the North Front Range Transportation and Air Quality Planning Council (NFRT&AQPC) over the summer to ensure the NFRMPO remains in compliance with Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) requirements and is able to obligate funding for transportation projects within the region.

2040 Regional Transit Element Recommendation

The NFRT&AQPC adopted the 2040 Regional Transit Element (RTE) on August 6, 2015. The purpose of the 2040 RTE is to guide development of regional transit in the North Front Range region. The 2040 RTE recommendation includes:

- Further study into the transit connections between:
 - Fort Collins and Greeley/Evans area;
 - Greeley/Evans area and Loveland; and
 - Greeley/Evans area and Denver.
- Additional service and investment along the US 287 corridor.

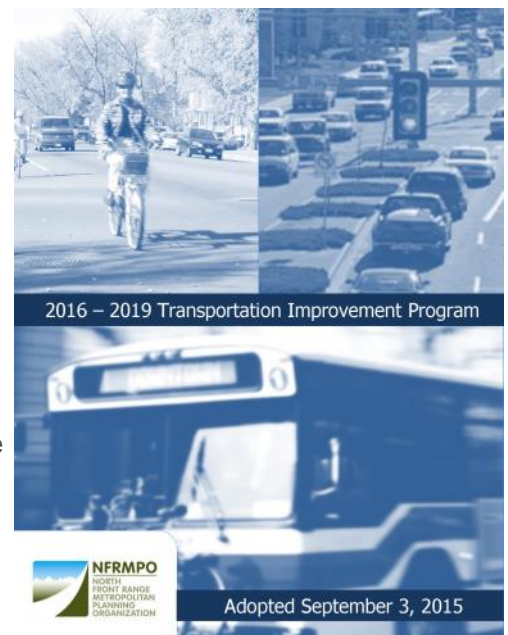
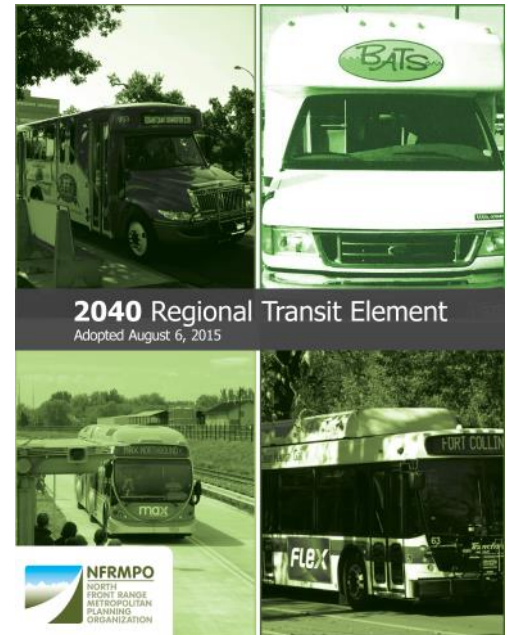
Focusing on the broad connections between cities rather than the corridors themselves allows for a more comprehensive transit analysis.

For more information on the 2040 RTE, please visit: <http://bit.ly/1P8uXtS>.

FY2016-2019 Transportation Improvement Program

The FY2016-2019 Transportation Improvement Program (TIP) was re-adopted by the NFRT&AQPC on September 3, 2015. The TIP contains a list of transportation improvement projects and funding pools in the North Front Range region and must remain fiscally constrained. A new TIP is adopted every four years, along with an update to the Regional Transportation Plan (RTP). Projects included in the TIP must come from an approved RTP. The RTP serves as the long-range transportation plan, while the TIP serves as the short-range program for the region. Projects included in the TIP can be amended at the discretion of the NFRT&AQPC. Amendments are processed on a quarterly basis and minor modifications are made monthly. A public hearing on air quality conformity for projects included in the TIP was held at the July 9, 2015 NFRT&AQPC meeting. The Air Quality Control Commission (AQCC) concurred with the NFRT&AQPC's Air Quality Conformity Determination on August 20, 2015

For more information on the FY2016-2019 TIP or to see a list of recent amendments, please visit: <http://bit.ly/1MvJ2UJ>.

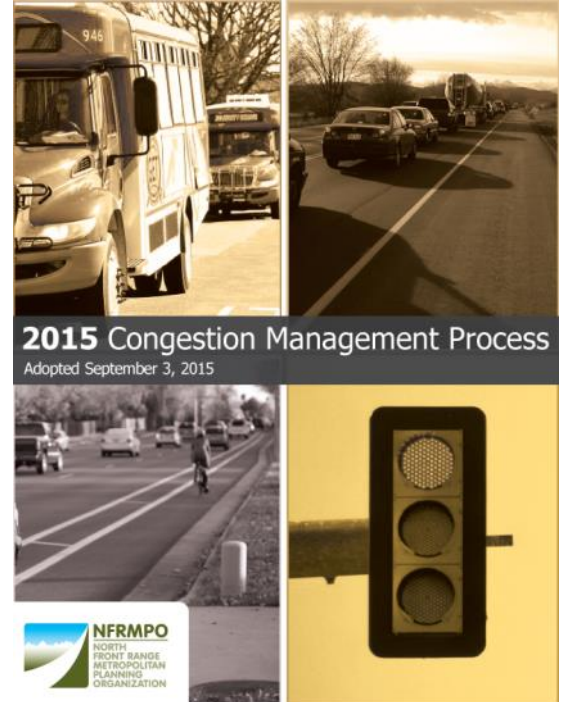


2015 Congestion Management Process

The NFRT&AQPC adopted the 2015 Congestion Management Process (CMP) on September 3, 2015. The 2015 CMP is an objectives driven, performance-based process to reduce regional transportation congestion. Federal requirements state that regions with more than 200,000 residents, known as Transportation Management Areas (TMAs), must maintain a CMP and use it to make informed transportation planning decisions.

The purpose of the 2015 CMP is to identify the process for collecting congestion data and establish performance measures to direct funding toward projects and strategies that most effectively address congestion. The NFRMPO will use the performance measures outlined in the 2015 CMP to quantify regional congestion in the annual CMP reports.

For more information on the 2015 CMP, please visit: <http://bit.ly/1P8vbKk>.



2040 Regional Transportation Plan

The 2040 Regional Transportation Plan (RTP) was adopted by the NFRT&AQPC on September 3, 2015. The 2040 RTP relies on information gathered from multiple data sources around the region. This process began in April 2014 with data collection for the Land Use and Regional Travel Demand Models. NFRMPO staff began the process of developing the 2040 RTP in September 2014.

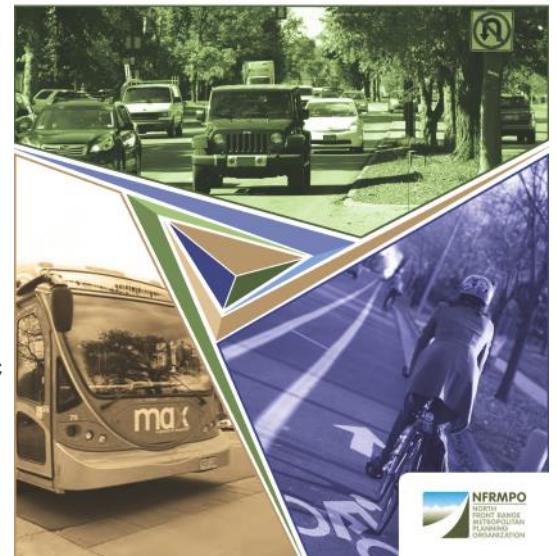
For more information on the 2040 RTP, please visit: <http://bit.ly/1LCHhPH>.

The transportation conformity analysis, required on all projects in the 2040 RTP for ozone and carbon monoxide emissions, was conducted in May 2015 by the appropriate agencies. All of the projects in the 2040 RTP were within budget requirements in the North Front Range region. A public hearing on the air quality conformity was held at the July 9, 2015 NFRT&AQPC meeting. The AQCC concurred with the NFRT&AQPC's Air Quality Conformity Determination on August 20, 2015.

For detailed information on the 2040 RTP Conformity Determinations, please visit: <http://bit.ly/1NBkqZ7>.

2040 Regional Transportation Plan

North Front Range Metropolitan Planning Organization
Adopted September 3, 2015



NFRMPO Purchases Vehicle Travel Time Equipment and Regional Bicycle Counters

Vehicle Equipment to be Used to Gather Information About Travel Time

Vehicle congestion comes in two forms, recurring congestion and non-recurring congestion. Each of these results in increased vehicle travel times for the user.

Recurring (chronic) congestion is caused by unrestrained user demand, insufficient roadway capacity, and ineffective management of roadway capacity.

Non-Recurring (temporary) congestions is caused by traffic incidents, weather events, special events, work zones, and emergencies.

Traditionally, vehicle travel times have been collected by drivers equipped with stop watches who record the time required to drive between intersections at various intervals throughout a day, month, season, or year. This method of travel time collection requires staff time, vehicles, and fuel to produce only marginal useful results.

Today, there are autonomous, electronic vehicle travel time collectors which interface with the Wi-Fi and Bluetooth-enabled devices we all carry in our everyday lives. Using the Media Access Control (MAC) addresses found in cell phones, laptops, and Global Positioning System (GPS) units, the collectors anonymously track a device as it travels the network.

Placed at major intersections, vehicle travel time collectors allow traffic engineers to see vehicle congestion in real-time. Subsequently, engineers can adjust traffic signal to improve traffic flow. The NFRMPO supports efforts by local communities to install vehicle travel time collectors including Fort Collins, Greeley, and Loveland.

In September, the NFRMPO purchased nine vehicle travel time collectors for Fort Collins, Greeley, and Loveland. These collectors will be incorporated in each of the communities' existing networks. The resulting data will be shared with the NFRMPO and CDOT to inform the data-driven planning processes necessary to reduce regional congestion.



Permanent and Mobile Counters to Document Bicycle and Pedestrian Activity Around the Region

One of the greatest challenges of implementing a bicycle or pedestrian network is the lack of documented usage and demand. Counting bicyclists and pedestrians provides communities with data on heavily used corridors. Later, these counts can be used to estimate potential demand, justify improvements, or expand the network.

Traditionally, bicycle and pedestrian count samples are collected by volunteers stationed at intersections and trailheads. Volunteers typically record direction and turning movements for each bicyclist or pedestrian. Additionally, volunteers can interview users, administer surveys, or collect passive information such as helmet use, bicycle type, or gender.

However, volunteers present their own challenges for planners and researchers. Basic needs such as food, water, and restrooms are critical requirements. Planners must conduct one or more training sessions to teach volunteers proper counting methods. Usually, peak commuting hours are assigned to reduce participant time requirements and ensure network coverage. Even with rigorous training, volunteer counts are usually considered statistically unreliable.

By collecting data automatically, electronic bicycle and pedestrian counters provide 24-hour data allowing planners improved counts without volunteers while reducing margin of error. Functioning continuously, these electronic counters allow planners to capture users and see travel patterns across a complete day or more. Planners can then determine user type as commuter or recreational, identify non-traditional peak travel times, and gather statistically reliable data.

In September, the NFRMPO purchased five electronic bicycle and pedestrian counters to collect data in the region. Three are mobile units which can be checked out by NFRMPO member communities to complete short duration counts. The two remaining counters are permanent units which combine infrared detection for pedestrians and inductive loop detection for bicyclists. The permanent counters will be placed at the Rover Run Dog Park along the Poudre River Trail in Greeley and at the River Bluffs Open Space along the Poudre River Trail in Larimer County.



Tube-style counter. Image Credit: Dylan Passmore, www.flickr.com

Colorado Transportation Matters Summit

CDOT to Hold Summit on Wednesday, October 28th

The Colorado Department of Transportation (CDOT) will hold a Transportation Summit on Wednesday, October 28, 2015 at the Grand Hyatt Hotel in downtown Denver. The summit will focus on how to plan for coming transportation challenges, will showcase leading edge technology and implementation strategies from around the world, and will demonstrate how Colorado plans to become a leader in innovative transportation technologies. US Secretary of Transportation Anthony Foxx is scheduled to join CDOT for the summit.

Registration is now open. For more information, and to register, please visit <http://bit.ly/1KlaaSy>.



Public Involvement Plan and Ozone Aware Campaign Wrap-Up

NFRMPO Staff Concludes Summer Public Involvement

Throughout 2015, NFRMPO staff attended events and public meetings at various locations throughout the region as public outreach for the 2040 Regional Transit Element (RTE) and the 2040 Regional Transportation Plan (RTP). In all, there were 23 events in 12 municipalities, during which staff talked to 271 members of the public and collected 417 surveys.

At these events and meetings, NFRMPO staff provided information about the plans and fielded questions, comments, and concerns about transportation in the region. Information was provided through posters of the region and the 2040 RTE recommendation, surveys to gauge the public's transportation issues and concerns, and through presentations. To diversify outreach efforts, NFRMPO staff created a Community Remarks website, which provides an interactive way to comment on transportation issues in the region without attending a meeting. Comments and feedback were incorporated in both the 2040 RTP and 2040 RTE. These comments have been provided to each local municipality.

Major themes from the outreach process included: capacity and safety issues on I-25, US 34, and US 85; the need for additional regional transit routes, including support for commuter rail to Denver; building and enhancing bicycle routes between Fort Collins and Loveland; and connecting Greeley to communities west of I-25, specifically Fort Collins and Loveland.

Guiding public outreach for NFRMPO staff is the new Public Involvement Plan (PIP). The new PIP details outreach techniques the NFRMPO can use to ensure public involvement in the outreach process as well as goals, desired outcomes, and public expectations. A 45-day public comment period is currently open for the PIP from September 4 through October 18, 2015. A copy of the draft plan is available at the NFRMPO offices and online at <http://bit.ly/1LmDfil>.

Ozone Aware Campaign

The NFRMPO regions is currently in non-attainment status for ozone. During the months of June through September, staff worked with the Regional Air Quality Council (RAQC) help promote the OzoneAware campaign. This program seeks to educate the public on ways to reduce ground level ozone by taking steps such as switching from a gas-powered lawn mower to an electric mower and mowing after 5:00 p.m., using public transit and bicycling instead of driving, and refueling cars in the evening. The NFRMPO displayed a banner and exhibited at several area events promoting OzoneAware and other educational materials throughout the region, including Transfort's Downtown and South Transit Centers in Fort Collins, and the Loveland Public Library. Banner bugs were taken to nine RTP events in the region. The NFRMPO also tweeted all the Ozone Action Alerts – days when the ozone level is high and potentially dangerous – to all of our followers.

Sara Goodwin, from the Regional Air Quality Council, provided the following summary of the OzoneAware season, "OzoneAware would like to thank the citizens of the Front Range region for doing their part to help take care of our summer air. OzoneAware issued 25 Ozone Action Alerts from June 1 through August 31. According to our OzoMeter, members of our Clean Air Community have logged more than 1 Million miles of trips taken via alternative modes of transportation and collectively reduced more than 5 Million grams of ozone-causing emissions. More than 3,000 people have taken action to reduce ground-level ozone by changing their personal behaviors. What a breath of fresh air!"

For more information about the OzoneAware campaign, please go to <http://ozoneaware.org>.



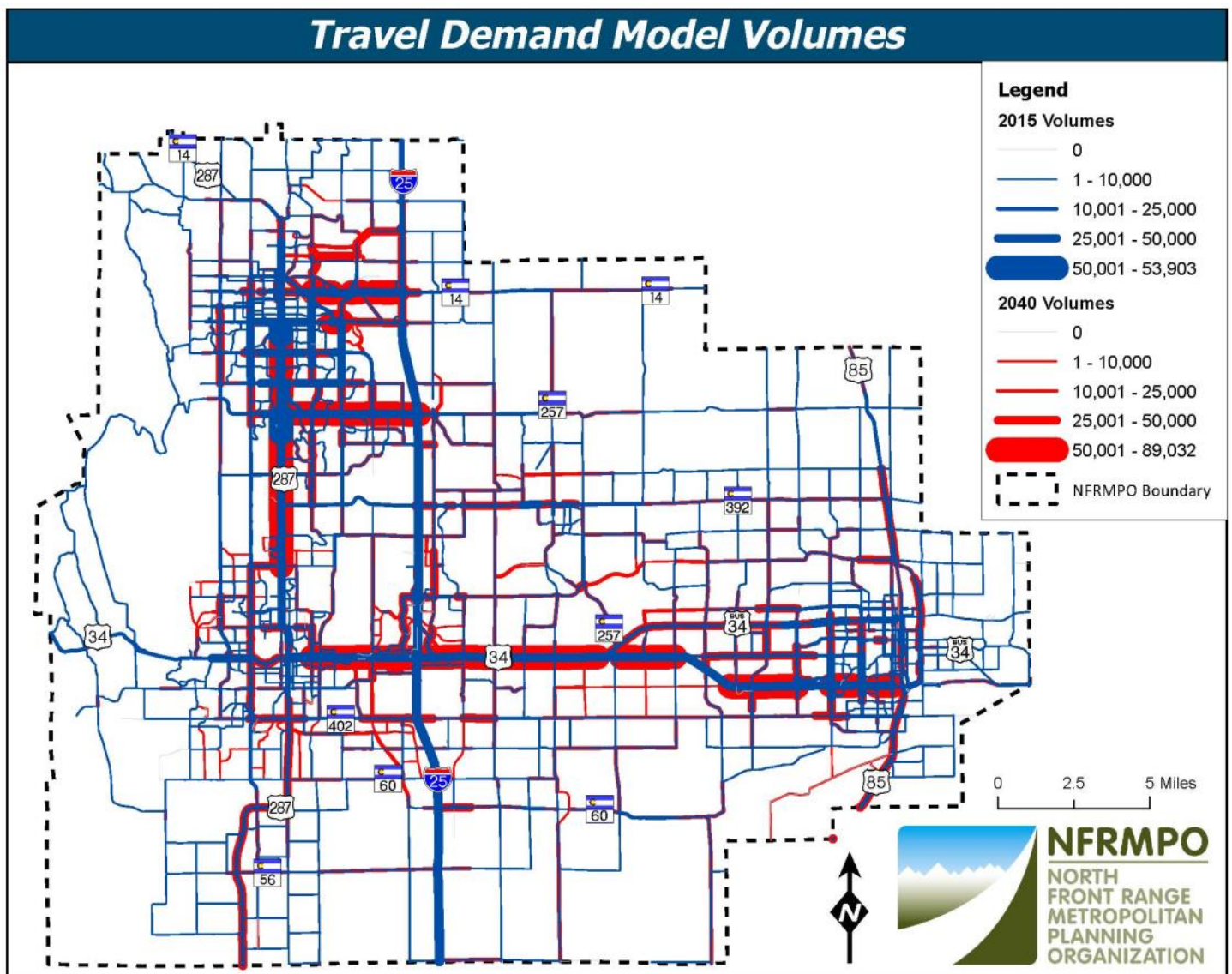
OzoneAware
LET'S TAKE CARE OF OUR SUMMER AIR

2040 Travel Demand Model Highlights

Travel Demand Model Goes Through Fourth Update

The North Front Range Travel Demand Model (NFR Travel Model) was first built over 15 years ago and has recently gone through its fourth update, establishing a 2012 base year and 2040 forecast year. The NFR Travel Model uses a four-step process including trip generation, trip distribution, mode choice, and trip assignment. Input data from a variety of sources is included to provide a set of assumptions for the model to complete the forecast. Sources include: data from all 15 member agencies in the NFRMPO, Cheyenne MPO, City of Loveland Transit (COLT), Colorado Department of Transportation (CDOT), Denver Regional Council of Governments (DRCOG), Greeley-Evans Transit (GET), and Transfort, as well as the North Front Range Land Use Allocation Model and the 2040 Economic and Demographic Forecast Report.

The NFR Travel Model is used to estimate travel behavior and travel demand from 2012 to 2040 and can assist decision makers in making informed transportation planning decisions. The NFRMPO uses the NFR Travel Model to assist in air quality and regional transportation planning projects including, but not limited to, the 2040 Regional Transit Element (RTE), the 2015 Congestion Management Process (CMP), air quality conformity determinations, and the 2040 Regional Transportation Plan (RTP). A map representing total daily volumes for 2015 and 2040 from the NFR Travel Model is shown below. For more information on the NFR Travel Model, please contact Terri Blackmore at tblackmore@nfrmpo.org or (970) 416-2174.



NFRMPO Department Spotlight: Mobility

The NFRMPO Mobility Coordination (MC) Program has the goal of working to ensure individuals who need transportation have access to the services they need for self-sufficiency and to live independently. The guiding document for accomplishing this goal is the NFRMPO Coordinated Public Transit/Human Services Transportation Plan. The Coordinated Plan addresses federal mobility management goals and provides a framework for coordination of transportation services in the North Front Range area. Key to implementation of the Coordinated Plan is the work of the Larimer and Weld Mobility Councils. Each Council consists of transit and human service agency representatives who come together on a regular basis to discuss moving forward with Coordinated Plan goals, objectives, and strategies.

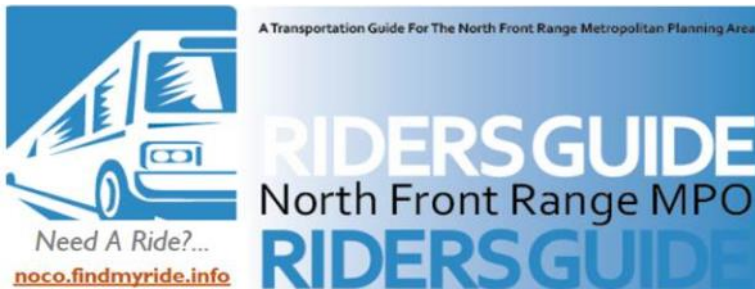
The NFRMPO MC Program also educates the public on available transportation options with two great tools. The **NFRMPO Riders Guide** provides an overview of available public transportation services in the North Front Range area and the new Online <http://noco.findmyride.info/> provides an interactive tool that helps users find transportation options with direct links and contact information to North Front Range area transportation providers.

For more information on the NFRMPO Mobility Program, visit the Mobility Coordination page on the NFRMPO website at <http://bit.ly/1LmDmdW> or contact Mary Warring.

NFRMPO Riders Guide: <http://bit.ly/1QmT08K>.



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NFRMPO Mobility Program
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VanGo Annual Fall Safety Meetings

VanGo held their annual Fall Safety Meetings for Greeley and Fort Collins vanpool participants on September 23rd and 24, 2015. Attendants were able to participate in a mock accident and emergency to go over important emergency procedures; learn about safety tips for daily commutes; and to listen to important VanGo program updates. At least one person from each active vanpool was required to attend a safety meeting. Participants were also provided with lunch or dinner before the program began. NFRMPO staff was in attendance to assist with information presentation and to inspect the vans safety features.

Dates, locations, and number of participants for each of the meetings is presented below.

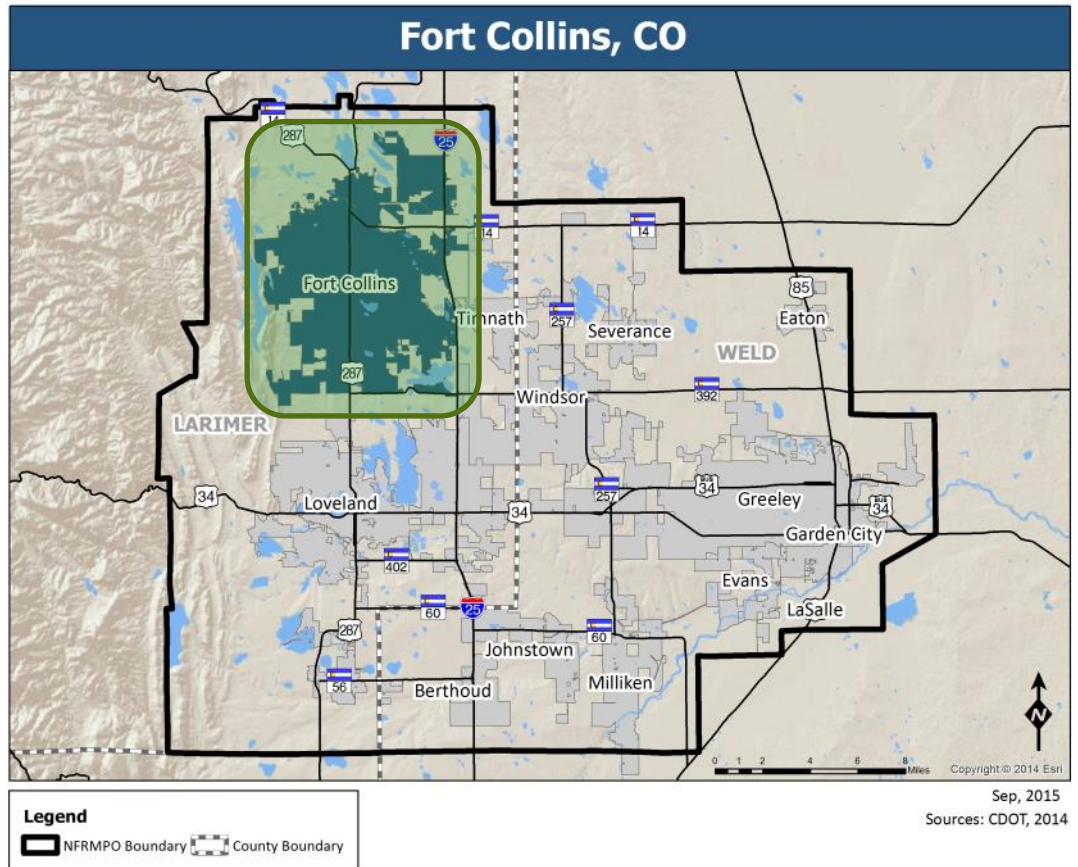
Date	Location	Number of Participants
September 23, 2015 Evening Meeting	Greeley Family Funplex 1501 65th Avenue, Greeley	25
September 24, 2015 Lunch Meeting	Larimer County Courthouse Building 200 West Oak Street, Fort Collins	14
September 24th Evening Meeting	Larimer County Courthouse Building 200 West Oak Street, Fort Collins	35

Quarterly Member Profile

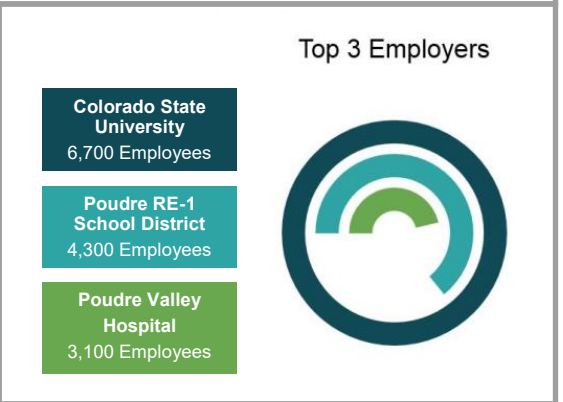
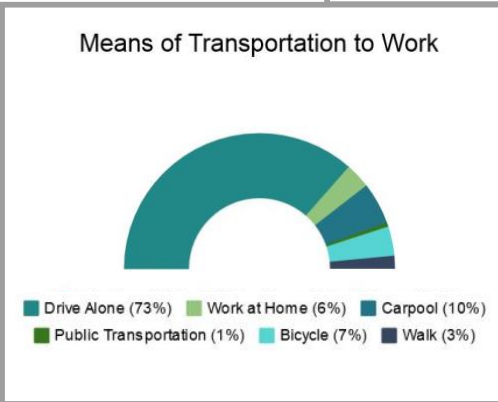
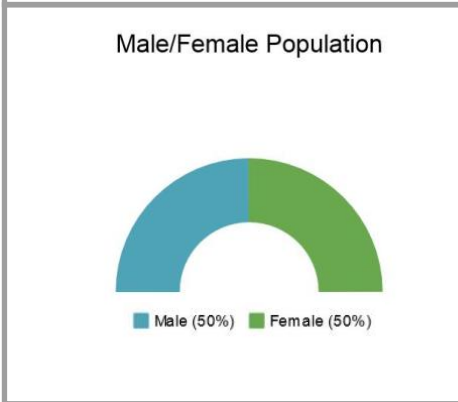
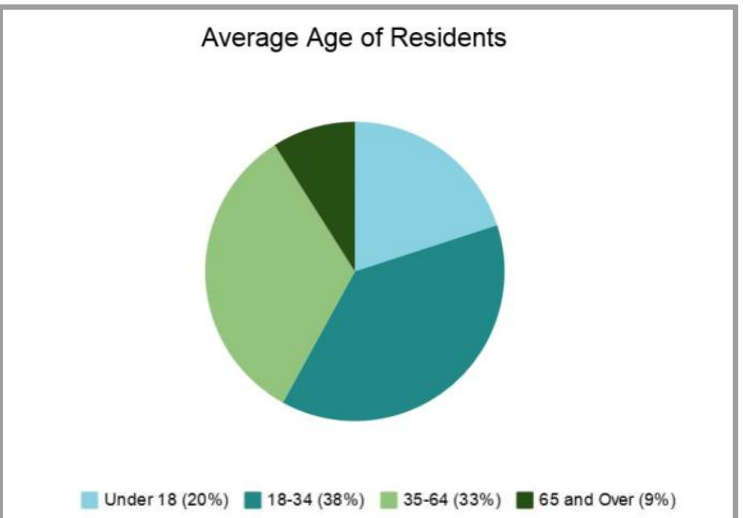
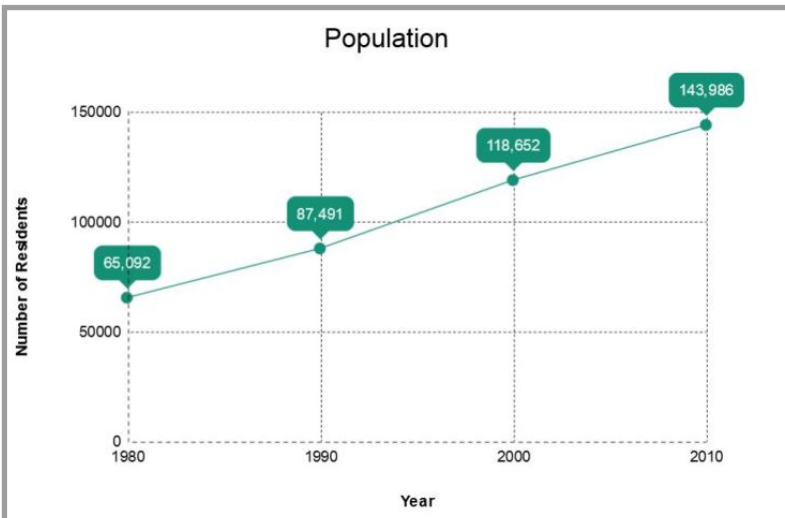
Fort Collins

Fort Collins, Colorado is located along U.S. Highway 287 and I-25. Incorporated in 1883, Fort Collins is now home to 143,986 residents (US 2010 Census), sits at an elevation of 5,003 feet, and occupies a land area of 54.28 square miles.

Visit the City of Fort Collins website at <http://www.fcgov.com/> for more information. The figures below contain a snapshot of information about Fort Collins as a community (demographic information comes from the US 2010 Census):



Sep, 2015
Sources: CDOT, 2014



Upcoming Events

October

1st 6:00 pm	NFR Transportation and Air Quality Planning Council	Cancelled for the month of October
7th 6:30 pm	I-25 Coalition	Southwest Weld County Services Center 250 N. 11th Street, Windsor
14th 10:00 am	NoCo Bike & Ped Collaborative	Windsor Recreation Center 250 N. 11th Street, Windsor
15th 1:30 pm	Larimer County Mobility Council	NFRMPO Offices 419 Canyon Ave, Fort Collins
21st 1:00 pm	Technical Advisory Committee (TAC)	Windsor Recreation Center 250 N. 11th Street, Windsor
28th 11:00 am	Colorado Transportation Matters Summit	Grand Hyatt Hotel Downtown 1750 Welton Street, Denver

November

4th 6:30 pm	I-25 Coalition	Southwest Weld County Services Center 4209 Weld CR 24 1/2, Longmont
5th 7:30 am	Northern Colorado Bike and Walk Conference	UNC University Center 2101 10th Avenue, Greeley
5th 6:00 pm	NFR Transportation and Air Quality Planning Council	UNC University Center 2101 10th Ave, Greeley
18th 1:00 pm	Technical Advisory Committee (TAC)	Windsor Recreation Center 250 N. 11th Street, Windsor
23rd 1:30 pm	Weld County Mobility Council	Cancelled for the month of November
26th—27th	Thanksgiving	NFRMPO Offices Closed

December

2nd 6:30 pm	I-25 Coalition	Southwest Weld County Services Center 4209 Weld CR 24 1/2, Longmont
3rd 6:00 pm	NFR Transportation and Air Quality Planning Council	Eaton Recreation Center 224 1st Street, Eaton
9th 10:00 am	NoCo Bike & Ped Collaborative	Windsor Recreation Center 250 N 11th Street, Windsor
16th 1:00 pm	Technical Advisory Committee (TAC)	Windsor Recreation Center 250 N. 11th Street, Windsor
17th 1:30 pm	Larimer County Mobility Council	NFRMPO Offices 419 Canyon Ave, Fort Collins
24th	Christmas Eve	NFRMPO Offices Closed
25th	Christmas	NFRMPO Offices Closed
January 1st	New Years Day	NFRMPO Offices Closed

OCTOBER 2015

Su	Mo	Tu	W	Th	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

NOVEMBER 2015

Su	Mo	Tu	W	Th	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

DECEMBER 2015

Su	Mo	Tu	W	Th	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	1	

Contact Us

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Visit us on the web at
www.nfrmpo.org

The goal of the NFRMPO is to enhance mobility and air quality within Northern Colorado by developing cooperative, working relationships and financial partnerships among member governments, the Colorado Department of Transportation, Federal Highway Administration, Federal Transit Administration, and other public agencies as well as the private sector.

