Boulder County Transportation Projects

Presented by
Community Planning & Permitting
Public Works

February 18, 2021
Overview

- Meeting is being recorded
- Presentation format
- Post questions during presentation
- Q&A
- Upvoting
Tonight’s Topics

• Transportation Master Plan
• Northwest Rail
• CO-119 / Diagonal
• CO-52
• CO-7
• US-287
• East County Line Road

• US-36 / N. Foothills Hwy
• Regional Trails
• Vision Zero
• Recreational Shuttles
• Mobility for All
• Youth Transportation
POLL RESULTS
Boulder County Transportation Master Plan

Key Action Items
- People-focused
- Safe
- Sustainable
- Equitable
- Affordable
- Mobility options
- Regional corridors
- Partnerships
Mobility Options

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www.bocotmp.com
CO-119

- Mobility Improvements
- Bikeway
- First and Final Mile Study
- FLEX Express Bus Service
CO-119 Managed Lanes & Bus Rapid Transit

- Longmont to Boulder
- Managed Lanes, free for HOV 3+
- Bus operations in managed lanes, with bus stations in the median
- Design led by CDOT

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www.boco.org/sh-119
Bikeway Vision

- 7.6-mile bike/ped connection between Boulder, Longmont, and communities in between
- Physically separated from vehicles, with underpasses and/or protected signals across major intersecting roads
- Hard surface
- Provides year-round connection to future Bus Rapid Transit stations designed in conjunction with roadway mobility project
- Currently designing Boulder to Airport Road

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www.boco.org/sh-119
CO-119 Bikeway Design

119 Bikeway Details

• Currently hiring a consultant to do the design and permitting
• Opportunities for public input
  ▫ Confirm conceptual design- Spring/Summer 2021
  ▫ Input on draft plans- Winter 2022
• Hoping to complete design and permitting in 2023
• Seeking funding for construction

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www.boco.org/sh-119
CO-119 First & Final Mile

- Bicycle, Pedestrian and Microtransit
- Shared parking agreements (as Park n Rides)
- Wayfinding
- Station area access
- Strategic implementation

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www.boco.org/sh-119
FLEX Express

FLEX funding contributions

- City of Fort Collins, 41.5%
- City of Boulder, 19.8%
- Boulder County, 10.4%
- City of Longmont, 10.4%
- City of Loveland, 23.1%
- CSU-Ft. Collins, 1.8%
- CU-Boulder, 1.8%
- Town of Berthoud, 2.1%

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www.ridetransfort.com/flex
FLEX Express

- Funded by cities, towns, universities, counties along the route
- Service between Ft Collins & Boulder
- New midday & Sat service to Boulder added in Jan 2021
- 90 min trip end to end

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www.ridetransfort.com/flex
CO-119

Engagement Opportunities

• CO 119 Membership Meeting- March 9 hosted by Commuting Solutions
• Sign up for transit boulder county listserv
CO-52

- Planning & Environmental Linkages (PEL)
- Access Control Plan (ACP)
CO-52 PEL

- Commuting, land-use and industry
- Long term vision
- Project prioritization
- Future funding

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www.co52pel.com
CO-52 Access Control Plan

• Closing, limiting and channelizing access
• Prescribed by State Highway Access Code
• Public meetings mandatory part of process

www.co52pel.com
CO-52 Timeline

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www.co52pel.com
CO-52 PEL & ACP

Engagement Opportunities

Website: https://www.codot.gov/projects/co52-pel-acp

Hotline: 720-336-0187

Email: cdot.co52pel@gmail.com

Mailing Contact:
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c/o Jeffrey Range
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www.co52pel.com
CO-7

• Preliminary Engineering
CO-7
Preliminary Engineering

Figure 19. Recommended Plan - Priority 1 Proposed Actions

KEY
- Section of Independent Utility (SIU)
- Intersections
- BRT Stations
- Bridge Replacement

Priority 1 Proposed Actions
- Concept Study
- Preliminary Engineering (Level 1)
- Intersection
- BRT Stations

www.boco.org/sh-7
CO-7 Preliminary Engineering

- Brighton to Boulder
- Advance previous studies
- $10M budget for design
- Partnerships
- East-West

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www.boco.org/sh-7
CO-7 Engagement Opportunities

- Ongoing community engagement
- Boulder County website
- More available later
- Signup for alerts at boco.org/transportation-news

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www.boco.org/sh-7
US-287

- Bus Rapid Transit (BRT) Feasibility
- Isabelle Road Intersection Safety
US-287 BRT Feasibility Study

- Capital projects: CO-66 and US-36
- Service: Fort Collins to Denver
- Bus Rapid Transit or enhanced transit?
- Finished existing conditions
- Entering alternatives analysis
- Multiple phases: safety, signals, environmental

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www.boco.org/287-planning
US-287 Bus Rapid Transit
ENGAGEMENT OPPORTUNITIES
• Public process tentatively in April
• County website
• Signup for alerts at boco.org/transportation-news

www.boco.org/287-planning
US-287 / Isabelle Road Intersection Safety Project

- CDOT / Erie / BoCo intersection reconstruction to improve safety
- half-mile of buffered bike shoulders along Isabelle Rd
- additional turn lanes to improve operations & safety
- Completion scheduled for June 2021

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www.boco.org/us-287-isabelle
Phase II – Quicksilver to Weld County Road 20.5 intersection, shoulders & flood resiliency
Future project (2024)

Phase I - Zlaten to St Vrain Creek shoulders – in design (2023)

Phase III - Neighborhood Safety (Roundabouts) at Oxford, WCR16.5, Niwot
Future project (2026+)
East County Line Road / Weld County Road 1 Master Plan

• Two-year effort to determine future conditions along a 12-mile corridor.

• Multi-jurisdictional coordination
  ▪ Weld County
  ▪ Boulder County
  ▪ City of Longmont
  ▪ Town of Erie

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www.eastcountylineroad.com
East County Line Road / Weld County Road 1 Master Plan

- Recommendations for $50 million in future improvements
- Add seven-foot buffered shoulders from Longmont to Oxford and five-foot from Oxford to Highway 52.
- Future roundabouts at WCR 20.5, Oxford Rd, WCR 16.5, & Niwot Road
East County Line Road
ENGAGEMENT OPPORTUNITIES

• Design of Zlaten-to-St Vrain Creek Widening, starts design in Fall 2021.

• Go to www.bouldercounty.org or www.eastcountylineroad.com for more information.

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www.eastcountylineroad.com
South Boulder Road Widening - Lafayette

- Multi modal improvements to South Boulder Road from the Transit Center to 120th
- Construction starts March 1
- More information at www.lafayetteco.gov

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120th Street Shoulders

- Add buffered shoulders to 1.5 miles of 120th Street from City of Lafayette to Dillon Road
- Flatten some of the extreme slopes to improve safety / usability.
- New intersection at Dillon constructed fall 2020.
120th Street Shoulders

• Public open house to review initial design anticipated early summer 2021.

• Go to www.bouldercounty.org for more information.
US 36 North Foothills Hwy
Intersection Safety Project

Funded from the Safer Main Streets grant in partnership with CDOT

Striping safety improvements for cyclists and turning vehicles

Intersection Improvements at:
• Lefthand Canyon
• Nelson Road
• St. Vrain Road
• Hygiene Road

Timing
Design this year
Implement in 2022
RTD Rail Regional Trail

- Boulder County, in partnership with the City of Boulder and Town of Erie, is evaluating options for a regional trail connection along the RTD-owned rail corridor linking Boulder and Erie
- Low-stress east-west trail connection in eastern Boulder County
- 8.5-mile-long corridor from 61st St to County Line Rd
- The first step in trail development is to identify needs, opportunities, and constraints of constructing the regional trail

www.RTDRailTrail.com

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RTD Rail Regional Trail

- Preferred alignment determination
- General public meeting: Fall 2021
- Project schedule: master plan document and preliminary conceptual design completion by end of 2021

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www.RTDRailTrail.com
RTD Rail Regional Trail

Boulder County, in partnership with the City of Boulder and Town of Erie, is evaluating options for the creation of a new soft-surface regional trail connection along the RTD-owned railroad corridor linking the City of Boulder and Erie.

This connection was identified in the county’s regional trails prioritization process in 2002 and is eligible for funding through the Countywide Sales Tax Ballot passed by voters in 2000. The Boulder Valley Comprehensive Plan and Boulder County Transportation Master Plan identified this trail connection as an important link in the Boulder Valley and regional trails systems.

The first step in trail development is to conduct a master planning process to identify needs, opportunities, and constraints of constructing the trail. The process began in the summer of 2018 and is ongoing. More information will be posted here as it becomes available.

For more information please visit: www.RTDRailTrail.com
LoBo Trail – Jay Road Connection

• Completed the alternatives study and conceptual design process last year listed under "Final Reports" on website:
  ▪ LOBO Trail – Jay Road Connections Study Final Report (March 2020)
  ▪ LOBO Trail – Jay Road Connections Conceptual Designs (March 2020)
• Will be hiring a consultant to begin final design soon
• Preliminary Design - Fall 2021
• Public Open House - Late 2021
• Final Design, Permitting & Construction Documents - 2022
• Tentative Construction - 2023
Boulder Area Trails App

• Mobile application includes trails from Boulder County & 11 other agencies
• Find trails by use or type
• Plan routes
• Link to the appropriate agency websites

www.trailsapp.org OR search for "Boulder Area Trails" in your app store

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Boulder County Vision Zero Plan

- **Vision Zero target**: zero fatalities or serious injuries in unincorporated Boulder County by 2035
- No loss of life is acceptable
- **Part 1**: traffic crash analysis of crashes in unincorporated Boulder County and mountain towns
- **Part 2**: Action Plan, including proposed projects and programs

*This interactive crashes web map is a work in progress, but the data shown is accurate.*
Boulder County Vision Zero Plan

- Emphasis on serious injury and fatal crashes
- Draft of **Part 1: Crash Analysis** to be released in February 2021
- Full **Vision Zero Plan** finalized Fall 2021

*This interactive crashes web map is a work in progress, but the data shown is accurate.*
Hessie Shuttle

• Shuttle service between Nederland and Hessie Trailhead
• In 2020 transported just under half of visitors to trailhead via Shuttle
• Service Sat/Sun/holidays summer & fall
• Mask requirement and capacity limits during COVID-19

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Hessie Shuttle Annual Boardings

www.HessieTrailhead.com
Eldo Shuttle

- 2020 was first season of service
- Free shuttle from Boulder to Eldorado Canyon State Park
- Sat/Sun/holidays during summer, service every 20 minutes

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www.EldoShuttle.com
Lyons Taxi Voucher Program

- Taxi Vouchers available to Lyons residents for travel between Lyons/Boulder or Lyons/Longmont
- Substitute for RTD “Y” Route, currently suspended due to COVID-19
- Vouchers good for travel using zTrips
- Vouchers available at Town Hall, food pantry, and OUR Center

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Mobility for All Program

- Technology Education Program
- Ride Free Lafayette
- Peak Ride Volunteer Driver Plan
- RTD Access-A-Ride Certification Center Feasibility Study
- Mobility and Access for All Ages and Abilities Plan

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www.boco.org/M4A
What is Mobility for All?

- Transportation Access =
  - Access to Opportunity
  - Quality of Life
  - Basic Needs
Technology Education Program

- Expand Access to & Use of Smartphone Transportation Apps
- Empower Volunteer Ambassadors
- Events: boco.org/M4AEVENTS

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www.boco.org/M4ATechnology
Ride Free Lafayette

- Free service for people in Lafayette and the Kestrel Community
- 7 am to 8 pm Daily, Including Holidays
- 3 Ways to Book: Phone, App, Web

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www.ridefreelafayette.com
Peak Ride Volunteer Driver Plan

Plans Key Findings

• Unmet travel needs of mountain residents extends beyond just Boulder County

• Core clientele will be older adults, adults with disabilities and low-income individuals.

• Volunteer driver program will require an administrative framework that includes, risk and liability insurance, driver training and screening of driving records

• Multiple funding streams that volunteer driver plans can tap into

www.boco.org/M4APeakRidePlan
RTD Access-A-Ride Certification Center Feasibility Study

- Current Center, Lakewood
- Existing Facility Assessment
- Construction Cost
- Feasibility of BoCo Locations

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www.boco.org/M4AUpdates
Mobility and Access for All Ages and Abilities

- Coordinated Human Services Transportation
- Cross-Sector Partnerships
- Equitable & Inclusive Transportation System
- Demographic Groups with Special Needs
  - Individuals with Disabilities
  - Families with Low Incomes
  - Youth
  - Older Adults
  - Veterans
- Project Priorities for 10 Years

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www.boco.org/M4AUpdates
Youth Transportation Special Focus

- Currently assessing existing resources
- 2021: Gather partner & public input on resources, gaps, and needs/issues/wants
- Summer/Fall: Final report will...
  - Serve as a partial Needs Assessment for the Youth Transportation Program (YTP)
  - Contributing to 10 Year Action Plans for both the Mobility 4 All and YTP
- Expect ongoing engagement opportunities post-plan completion

Mobility and Access for All Ages and Abilities

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www.BoCoSafeRoutes.org
School Travel & Housing Engagement Study

- Equitable Engagement Opportunity- Fall 2021
- SVVSD & BVSD Youth & their caregivers.
  - Potential expansion to university students.
- Interactive
- Contribute to 10 Year Action Plans for the YTP
  - Complement to the Mobility & Access for All Ages & Ability (in progress)
  - Expect ongoing engagement opportunities post-study completion

www.BoCoSafeRoutes.org
Youth Transportation Program (YTP)

Why have a YTP?
• Households with students represent ~half of Boulder County's population
• Transportation patterns, challenges, use impact, etc... all need to be better understood and supported.

YTP Short Term Goals (outlined in TMP)
• 2021-2022= Collaborative Planning
• Identify short-, medium-, & long-term priorities and strategies
• Support and expand local collaborative, capacity building, and evaluation efforts

YTP Framework 6 Es*
1. ENGAGEMENT
2. EQUITY
3. EVALUATION
4. ENGINEERING
5. EDUCATION
6. ENCOURAGEMENT

*Developed by the National Safe Routes Partnership

YTP Motto
Safe Routes to Everywhere!

www.BoCoSafeRoutes.org

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Encourages school communities to reduce car traffic around schools. When participants carpool, bus, bike, walk to school, they earn Tracker Bucks, which can be spent at or donated to participating locally owned businesses, which are reimbursed for redeemed Tracker Bucks.

**Boulder Valley School District (BVSD)**
- TT is currently adapted

**St. Vrain Valley School District (SVVSD)**
- TT is currently paused
- New annual reports are available

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www.BoCoTripTracker.com
Active Transportation Workshops

Educational & Encouraging

• Free, interactive, & online via Zoom Webinar
• Family Style = child(ren) attend with their adult(s)

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www.BoCoTripTracker.com
Youth Transportation Program (YTP) - ENGAGEMENT OPPORTUNITIES

• Register for &/or share information about the upcoming family-style workshops

• Visit and follow us online and via social media for updates and resources
  • Twitter  @BoCoSafeRoutes
  • Instagram  @BoCoSafeRoutes

• Call or email anytime

• Sign up for Youth Transportation program and projects texts &/or emails at Boco.org/e-news
  • Topic: Trip Tracker
  • Topic: yt-news

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www.BoCoSafeRoutes.org
www.BoCoTripTracker.com
Q&A

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