



2019 **BOULDER**
TMP ACTION PLAN

DRAFT



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2019 TMP Action Plan

The purpose of the 2019 Transportation Master Plan (TMP) “Action Plan” is to provide a high level, visual tool to implement the goals and initiatives in the TMP. This document includes a combination of action items for the TMP’s focus areas and measurable objectives.

INTRODUCTION

The TMP Action Plan is organized by focus area:

- Safe and Complete Streets
- Regional Travel
- Transportation Demand Management
- Advanced Mobility
- Funding
- Integrate with Sustainability Objectives
- Measurable Objectives

Each focus area provides a list of actions along with the timeframe and relevant investment program to help guide annual work programs and budgeting and bring the various policies and concepts identified in the 2019 TMP to life. The Current Funding (fiscally constrained) investment program is based on anticipated funding through 2030. Examples include smaller scale action items such as corridor studies, pilot projects, information systems, design standards, and multimodal and TDM programs. Future action items such as larger scale capital projects will require additional funding; these are shown as part of the Strategic or Vision investment programs.

The TMP Action Plan is meant to be used as a resource document for developing annual work programs in coordination with the city’s priority-based budgeting process. The TMP Action Plan is intended to be a dynamic, working document and can be updated easily and frequently in response to evolving needs and through integrated planning initiatives to accomplish Boulder’s transportation vision as well as broader community goals in accordance with the city’s Sustainability Framework.

2019 TMP Action Plan

GUIDING IMPLEMENTATION IN ALL FOCUS AREAS & MEASURABLE OBJECTIVES

Safe and Complete Streets

Partners needed to complete Safe and Complete Streets Actions include the City of Boulder, the Boulder Police Department, Vision Zero Community Partnership, Boulder Junction, CU Boulder, RTD, and other public and private partners, BVSD, Boulder County Health, bike and walk organizations, Growing Up Boulder (GUB), the Arts Commission, Boulder Transportation Connections, Boulder Chamber of Commerce, Commuting Solutions and Community Cycles, Boulder B-Cycle, eGo Carshare, Program Coordinators, CDOT, Boulder residents, property/business owners, employers, and other community partners.

Safe and Complete Streets actions include the following categories:

- Overall
- 2019 Pedestrian Plan
- Walking, Biking and Micromobility
- Transit

Safe and Complete Streets	Timeframe			Investment Program
	Action	Ongoing	Near (2019 - 2024)	
OVERALL				
Vision Zero (Safety)				
Implement the Vision Zero Action Plan.	☑			Current/Strategic
Provide quarterly progress updates on implementation of the Vision Zero Action Plan.	☑			Current
Update the Safe Streets Report and Vision Zero Action Plan every three years.	☑			Strategic
Speed Management				
Through coordination with neighborhoods, continue identifying and constructing traffic calming projects through the Neighborhood Speed Management Program (NSMP). Pair NSMP projects with Neighborhood GreenStreet projects.	☑			Current
Develop and implement Speed Management Plan to decrease travel speeds on arterial roadways.			☑	Current/Strategic
Explore reducing the speed limit on residential (local) streets from 25 mph to 20 mph.			☑	Current/Strategic

Safe and Complete Streets	Timeframe			Investment Program
	Action	Ongoing	Near (2019 - 2024)	
OVERALL				
2019-2024 Capital Improvement Program Implement the approved CIP and update annually.	<input checked="" type="checkbox"/>			Current
Design and Construction Standards Update the city's Design and Construction Standards (Phase II) to emulate best practices of safe and comfortable street design.		<input checked="" type="checkbox"/>		Current
Boulder-specific Street Design Guide Develop a street design guide that provides a public facing description of the city's best practices when designing and constructing streets.		<input checked="" type="checkbox"/>		Current
Corridor Studies Complete Street corridor studies to include multimodal transportation as well as coordination with land use, urban design, and parking management. Pursue funding strategies for major capital and operating investments.		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Current/Strategic
Implement Completed Corridor Studies Implement the 30th and Colorado Corridors Study recommended designs, including the 30th and Colorado underpass. Implement the Canyon Boulevard Complete Street Study. Implement the East Arapahoe Transportation Plan: Detailed Action Plan.		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Current/Strategic
Potential Canyon Boulevard Extension Based on community interest, explore the extension of Canyon Boulevard between 30th and 33rd Street as a potential amendment to the Street Classification Map.		<input checked="" type="checkbox"/>		Current/Strategic

Safe and Complete Streets	Timeframe			Investment Program
	Action	Ongoing	Near (2019 - 2024)	
2019 PEDESTRIAN PLAN				
2019 PEDESTRIAN PLAN: CULTURE OF WALKING				
Education/Encouragement				
Expand education on rules of the road and safe travel behavior by all transportation users.		<input checked="" type="checkbox"/>		Current
Raise awareness about the benefits of and opportunities for walking, including collaborations with other departments and community organizations.		<input checked="" type="checkbox"/>		Current
Expand walking programs and event offerings through the Boulder Walks Program.	<input checked="" type="checkbox"/>			Current
In collaboration with local and regional partner, host a Pedestrian Conference to promote information sharing, best practices, and innovation.			<input checked="" type="checkbox"/>	Strategic
Establish walking routes around the city (e.g., Halifax Common Link loops).		<input checked="" type="checkbox"/>		Current
Enforcement				
Work with the Police Department through the Heads Up Program to identify key locations and types of behavior for strategic enforcement.		<input checked="" type="checkbox"/>		Current
Evaluation				
Establish baselines and targets for the performance measures described in the How We Will Measure Success section and use in the 2020 Transportation Report on Progress.		<input checked="" type="checkbox"/>		Current
Wayfinding				
Develop a coordinated pedestrian wayfinding system in high pedestrian activity areas such as downtown, University Hill, and Boulder Junction.			<input checked="" type="checkbox"/>	Current/Strategic
Develop a coordinated pedestrian wayfinding system as part of the Neighborhood GreenStreets program and multi-use path system.		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Current /Strategic

Safe and Complete Streets	Timeframe			Investment Program
	Action	Ongoing	Near (2019 - 2024)	
2019 PEDESTRIAN PLAN				
Safe Routes to School (SRTS) Continue to partner with BVSD to support walking to/from school. (See also WALK AND BIKE actions below)	<input checked="" type="checkbox"/>			Current
Innovation Employ new technologies that support safety, access, and an understanding of pedestrian behavior (e.g., automatic detection of pedestrians).		<input checked="" type="checkbox"/>		Strategic
Walk Friendly Community Reapply for Walk Friendly Community designation that incorporates a comprehensive assessment of walking conditions in Boulder		<input checked="" type="checkbox"/>		Current
Community-Based Committee Develop a community-based committee to support implementation of the Pedestrian Plan and the ADA Self Evaluation and Transition Plan.		<input checked="" type="checkbox"/>		Current
2019 PEDESTRIAN PLAN: PEDESTRIAN PLANNING				
Vision Zero Implement the 2019 Vision Zero Action Plan to improve pedestrian safety.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Current/Strategic
Walking Comfort Programs Promote and support walking and 15-min neighborhoods in citywide and subcommunity planning.	<input checked="" type="checkbox"/>			Current
Implement Pedestrian Improvement Areas.		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Current/Strategic
Implement Neighborhood GreenStreets.		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Current/Strategic
2019 PEDESTRIAN PLAN: PEDESTRIAN-FOCUSED DESIGN				
Plan and Project Integration Integrate Ped Plan policies and pedestrian-focused design treatments in development review, capital projects, corridor plans, subcommunity plans, and other opportunities such as demonstration projects.	<input checked="" type="checkbox"/>			Current

Safe and Complete Streets	Timeframe			Investment Program
	Action	Ongoing	Near (2019 - 2024)	
2019 PEDESTRIAN PLAN				
Art Collaborate to provide more public art through transportation projects (e.g., Paint the Pavement, Art in Public Places, etc.).	<input checked="" type="checkbox"/>			Current
2019 PEDESTRIAN PLAN: FACILITY IMPLEMENTATION				
Missing Links Program Refresh the city's Missing Links Program for new sidewalks to include the most recent comprehensive GIS data and low stress pedestrian network results and revisit the approach to implementing improvements.		<input checked="" type="checkbox"/>		Current
Design and Construction Standards Update the city's Design and Construction Standards (DCS) to reflect best practices for new sidewalks and multi-use paths adjacent to streets, parking lots/structures, and pedestrian streets.		<input checked="" type="checkbox"/>		Current
ADA Self-Evaluation and Transition Plan Complete and implement the Accessible Boulder: ADA Self-Evaluation and Transition Plan, facilitated through community engagement and inventory of our transportation infrastructure to identify barriers and opportunities to improve accessibility of the city's transportation system for all mobility levels.		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Current/Strategic
Pedestrian Crossing Treatment Installation Guidelines Update Pedestrian Crossing Treatment Installation Guidelines per industry best practices, local experiences, and assessment of effectiveness of crossing treatments.		<input checked="" type="checkbox"/> *		Current
Multi-use Path Safety and Security Implement the Way of the Path program through education, signing, striping and lighting to enhance safety and security and reduce conflicts between pedestrians, cyclists, and other users of the off-street multi-use paths.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Current
Alley Enhancements Implement the Hill Alley Enhancement Final Plan.		<input checked="" type="checkbox"/>		Current
Develop and implement a comprehensive alley enhancement program to improve the comfort and use of select alleys as direct connections for pedestrians.			<input checked="" type="checkbox"/>	Strategic

Safe and Complete Streets	Timeframe			Investment Program
	Action	Ongoing	Near (2019 - 2024)	
2019 PEDESTRIAN PLAN				
2019 PEDESTRIAN PLAN: MAINTENANCE				
Sidewalk Repair Program			<input checked="" type="checkbox"/>	
Explore opportunities to coordinate the Sidewalk Repair Program and new Pedestrian Improvement Areas and Neighborhood GreenStreets programs.				Current
Snow and Ice Removal		<input checked="" type="checkbox"/>		
Evaluate and refine/enhance snow and ice removal on pedestrian facilities to improve access to transit stops, prioritize crosswalk clearing and generally improve conditions after snow events.				Current
Obstruction Clearance			<input checked="" type="checkbox"/>	
Conduct periodic outreach campaigns to property owners to ensure pedestrian facilities are clear of obstructions such as overgrown vegetation and parked cars.				Current
Community Programs			<input checked="" type="checkbox"/>	
Explore additional community-based responsibility programs (e.g. shared responsibility for maintenance such as snow removal).				Current
2019 PEDESTRIAN PLAN: PRIORITIZED PLACES FOR THE PEDESTRIAN				
Play Streets			<input checked="" type="checkbox"/>	
Establish a Play Street Pilot Program.				Current
Car-free Areas			<input checked="" type="checkbox"/>	
Identify opportunities for additional car-free areas (e.g., plazas, pedestrian malls, parklets, playgrounds, and pedestrian streets). Some initial specific locations to consider include: extending the Pearl Street Mall, 13 th Street between Canyon and Arapahoe				Current/Strategic

Safe and Complete Streets	Timeframe			Investment Program
	Ongoing	Near (2019 - 2024)	Long (2025 - 2030)	
Action				
WALKING, BIKING & MICROMOBILITY				
Low-Stress Walk and Bike Network Plan <ul style="list-style-type: none"> ▪ Plan and coordinate of vertical separation (protected bike lanes or multi-use paths) capital improvement projects with selected corridor studies. ▪ Implement Neighborhood GreenStreet projects, including wayfinding (see also Pedestrian Plan actions). ▪ Implement bike lane (preferably buffered) projects. ▪ Implement Pedestrian Improvement Areas (see also Pedestrian Plan actions). 	☑	☑	☑	Current/Strategic Vision
Micromobility and First and Final Mile Multimodal Access Introduce, establish and manage on-going shared micromobility program (e-bikes and e-scooters) Ensure regional coordination and support Boulder B-cycle's role and other future micro-mobility organizations to provide first and final mile connections to transit.	☑			Current
In conjunction with the Curbside Management Program, formalize an on-street bike parking program to convert on-street vehicle parking space(s) to bike parking.		☑		Current
Allow and regulate the personal use of other micromobility devices including e-skateboards, golf carts, and one-wheels.		☑		Current
Support Safe Routes to School (SRTS) Program In collaboration with BVSD: <ul style="list-style-type: none"> • Continue to apply for CDOT Safe Routes to School infrastructure and non-infrastructure funding to support new projects and programs to improve walking and bicycling to school. • Develop a Crossing Guard program at Elementary and Preschools. • Expand bike and pedestrian safety education at schools. 	☑			Current/Strategic
Public Engagement in Walking & Biking Events and Programs Coordinate with Growing Up Boulder and Youth Advisory Committee to gather input on initiatives that resonate with a younger population.	☑			Current
Create and promote vibrant public spaces through the Paint the Pavement program that encourages neighborhood livability and includes lowering vehicle speeds and improving walkability.	☑			Current

Safe and Complete Streets	Timeframe			Investment Program
	Ongoing	Near (2019 - 2024)	Long (2025 - 2030)	
Action				
WALKING, BIKING & MICROMOBILITY				
Continue partnerships with community-based organizations to encourage more local public agencies, businesses and organizations to promote walking and cycling in the community (for example, Walk and Bike Month).	<input checked="" type="checkbox"/>			Current
Multi-use Path Safety and Security Implement the Way of the Path program through education, signing, striping and lighting to enhance safety and security and reduce conflicts between pedestrians, cyclists, and other users of the off-street multi-use paths. See Pedestrian Action Plan.	<input checked="" type="checkbox"/>			Current
Bike Shelter Construct a Bike n' Ride (bike shelter) station at Boulder Junction.		<input checked="" type="checkbox"/>		Current
Bike Friendly Community Leader Apply to the League of American Bicyclists for a Bicycle Friendly Community designation and support other organizations applying for Bicycle Friendly Business and Bicycle Friendly University designations.		<input checked="" type="checkbox"/>		Current
Bicycle Facility Maintenance Continually refine maintenance practices and coordinate with community stakeholders to identify critical connections to improve and expand snow removal along the Low-Stress Bike Network.		<input checked="" type="checkbox"/>		Current/Strategic

Safe and Complete Streets	Timeframe			Investment Program
	Action	Ongoing	Near (2019 - 2024)	
TRANSIT				
TRANSIT SERVICE AND FLEET				
Transit Service Delivery Strategies				
Local. Incrementally expand the city's role as a local transit provider: Provide local Community Transit Network routes by either directly operating or contracting with a transit service operator similar to the local HOP service contracted to Via Mobility Services.		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Current/Strategic
Regional. Explore forming a new Boulder County consortium with Boulder County and surrounding jurisdictions to form a county transit agency.		<input checked="" type="checkbox"/>		Current/Strategic
Local Service Maintenance & Expansion				
CTN. Pursue city-led control of one or more CTN routes, ensuring an equitable return on investment from RTD.		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Current/Strategic
Boulder Junction at Depot Square. Adapt local routes to serve Boulder Junction with connections to North Boulder, East Boulder, and SE Boulder. Includes addition of service on Edgewood and Balsam and 28th Extension.		<input checked="" type="checkbox"/>		Current/Strategic
HOP. Modify the historic route to create four distinct linear routes and expand high-frequency HOP service to east and north Boulder, as per the recommendations of the HOP Transit Study.		<input checked="" type="checkbox"/>		Current/Strategic
North Boulder. Extend BOUND on 30th St. corridor and Iris to North Boulder to connect to North Boulder Mobility Hub.		<input checked="" type="checkbox"/>		Current/Strategic
Via Services Support. Increase support provided by City of Boulder to support paratransit services to serve an aging population.		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Current/Strategic
Regional Service Maintenance & Expansion				
Service Expansion. Continue to advocate for incremental service increases on regional corridors, including US36 (Flatiron Flyer and AB), SH119 (BOLT, J and planned BRT) and SH7 (JUMP and planned BRT).		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Current/Strategic
Service Minimums. Expand service levels on SH119 and SH 7 to a minimum average of 15-minute peak and 30-minute off-peak frequency and continue to advocate for service increases on US36 (Flatiron Flyer) and AB to Denver Airport.			<input checked="" type="checkbox"/>	Current/Strategic

Safe and Complete Streets	Timeframe			Investment Program	
	Action	Ongoing	Near (2019 - 2024)		Long (2025 - 2030)
TRANSIT					
	BRT Service and Infrastructure. Continue to partner with RTD and agency partners to implement high-quality, high-frequency BRT service with (1) vehicle features such as low-floor and multi-door boarding, BRT branding, and electrification, bicycle storage, and on-board Wi-Fi, and (2) station features such as distinct architecture, real-time information, comfortable seating, weather protection, BRT branding, wayfinding, trash receptacles, and space for shared micro-mobility options.		☑	☑	Current/Strategic
	Boulder Junction at Depot Square. Continue working with RTD and agency partners to support increased Flatiron Flyer and regional BRT service to Boulder Junction, with 15 min. peak/30 min. off-peak frequency. Provided by RTD (FasTracks/base funding).		☑	☑	Current/Strategic
	Interregional Service Maintenance & Expansion FLEX. Continue to work with local and regional partners to increase interregional express FLEX service (one-seat ride) between Ft. Collins and Boulder. (See Regional Travel Action Plan).		☑	☑	Current/Strategic
	Bustang/Outrider. Coordinate with CDOT on Bustang service planning in the Northwest area to ensure regional connections at I-25 and SH119 and SH7.	☑			Current/Strategic
	Fleet Electrification and Expansion HOP Electric Vehicle Fleet. Complete the expansion and electrification of the HOP fleet.		☑		Current/Strategic
	System-wide Electric Vehicle Fleet. Continue to collaborate with CU Boulder, BVSD, and Via to build and operate shared charging infrastructure and vehicle maintenance infrastructure that enables rapid electrification of the transit fleet and includes development of multi-modal and last-mile solutions (e.g. electric car share, TNC's, bike share, etc.)	☑	☑	☑	Current/Strategic
	Gunbarrel Transit Circulation. In conjunction with the SH 119 First and Final Mile Study, explore options to enhance first and last-mile connectivity in Gunbarrel, including microtransit (demand responsive shuttle service).		☑		Current
	Microtransit or Demand Responsive Shuttle Service. Explore options to provide first/last mile on-demand shuttle service to connect to regional service and employment, as well as areas typically underserved by RTD such as Frasier Meadows and senior centers.		☑	☑	Current/Strategic

Safe and Complete Streets	Timeframe			Investment Program
	Ongoing	Near (2019 - 2024)	Long (2025 - 2030)	
Action				
TRANSIT				
Autonomous Transit Vehicles. Explore the concept and develop an operational plan for an automated transit pilot to test automated transit technology in a low-speed, low-volume environment. See Advanced Mobility.	☑	☑	☑	Current/Strategic
TRANSIT CAPITAL				
Diagonal/SH 119 BRT (Northwest Area Mobility Study Priority Corridor) Partner with RTD, CDOT, Boulder County and the City of Longmont to design, fund and implement high-quality, high-frequency, branded BRT infrastructure and service on the SH119 corridor between downtown Boulder and Longmont.		☑	☑	Current/Strategic
SH 119 BRT Phase 1: Design and construct complete street improvements, including transit priority and enhancements, on 28 th Street, Iris and Canyon to facilitate SH 119 BRT.		☑		Current
East Arapahoe/SH 7 BRT (NAMS Priority Corridor) Partner with RTD, CDOT, Boulder County and SH 7 Coalition members to design, fund and implement high-quality, high-frequency, branded BRT infrastructure and service on the SH 7 corridor between downtown Boulder and I-25/Brighton.		☑	☑	Current/Strategic
SH 7 BRT Phase 1: Design and construct transit stop enhancements and multi-use path connections along East Arapahoe as per the East Arapahoe Transportation Plan.		☑		Current/Strategic
Broadway BRT (NAMS Corridor) Plan, design and implement multimodal corridor improvements along Broadway to optimize person throughput via regional BRT and local transit service.		☑	☑	Current/Strategic
South Boulder Road BRT (NAMS Corridor) Partner with RTD, CDOT, Boulder County, and the cities of Louisville and Lafayette to design, fund and implement high-quality, high-frequency, branded BRT infrastructure and service on the South Boulder Road between downtown Boulder and I-25/Brighton.			☑	Strategic
Downtown Boulder Station Improvements Implement station infrastructure improvements along 14 th Street and Canyon Boulevard to address the capacity needs at the bus station; thereby improving operational efficiency and improving the pedestrian and transit rider access experience.		☑		Current

Safe and Complete Streets	Timeframe			Investment Program
	Ongoing	Near (2019 - 2024)	Long (2025 - 2030)	
Action				
TRANSIT				
Explore potential relocation and/or redevelopment options to expand capacity to meet the needs of planned local and regional transit service expansion.			<input checked="" type="checkbox"/>	Current/Strategic
Station Improvements Continue to implement stop improvements including shelters, amenities, and access and information at high ridership stops.	<input checked="" type="checkbox"/>			Current/Strategic
Develop BRT Station Standards and Design Guidelines Provide standards, guidelines, and conceptual designs for stop and station facilities, including Mobility Hubs and BRT, local, and regional transit services. Establish tiered stop investment priorities.		<input checked="" type="checkbox"/>		Current
MOBILITY HUBS				
55th & Arapahoe. Develop a 55th & Arapahoe Station Area Master Plan and Mobility Hub Concept Plan that guides long-term development and identifies strategies to transform the station area into a transit-supportive, mixed use, connected and livable area.		<input checked="" type="checkbox"/>		Current/Strategic
Alpine-Balsam. Integrate mobility hub elements into the redevelopment of the Alpine-Balsam project.		<input checked="" type="checkbox"/>		Current
SH 119 and SH 52. Partner with CDOT and Boulder County to conduct a SH 119/SH 52 intersection enhancement and mobility hub study to plan multimodal connections and access to SH 119 BRT.		<input checked="" type="checkbox"/>		Current
North Boulder. Secure funds to acquire land and complete design and construction of the North Boulder Mobility Hub.		<input checked="" type="checkbox"/>		Current/Strategic
US 36/Table Mesa/CU South. Plan and design improvements to the Table Mesa station and surrounding environs to improve multimodal access that meet the needs of local and regional transit users.		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Strategic
Remaining RVT Mobility Hubs. Continue to design and implement mobility hub plans and infrastructure enhancements at all mobility hub locations identified in the Renewed Vision for Transit.		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Strategic

Safe and Complete Streets	Timeframe			Investment Program	
	Action	Ongoing	Near (2019 - 2024)		Long (2025 - 2030)
TRANSIT					
Transit Speed & Reliability Identify, design, and implement interim enhancements to improve transit operations: queue jumps, signal priority, etc., such as on Broadway, 28th, and Canyon			☑	☑	Current/Strategic
TRANSIT PROGRAMS					
Affordability EcoPass Program. Work with agency partners to support expansion of the EcoPass program and ensure affordable fares. (See TDM Action Plan).			☑		Current/Strategic
Fare-Free Transit. Pursue implementation of a fare-free local and regional transit system.			☑	☑	Current/Strategic
Transit-Bike Integration Provide secure bike parking at higher ridership stops and stations and expand on-board bike carrying capacity.	☑		☑	☑	Current/Strategic
Microtransit Expand shared microtransit options and parking to better serve first-last mile connectivity at major transit centers and stops. (See TDM Action Plan.)			☑	☑	Current/Strategic
Transit and Land Use Integration Continue to identify locations, policies and regulations to support future transit-oriented land uses/districts and implementation of planned mobility hubs along CTN and regional BRT corridors.	☑				Current/Strategic
Inter-Agency Transit Coordination Continue ongoing collaborative process with transit partners, including RTD, Via, CU Boulder and Boulder County, to implement Boulder's transit priorities.	☑				Current/Strategic
Transit Promotion and Outreach Continue to implement Bus to Work Day, adopt-a-stop, Eco Pass, and other outreach and promotional efforts aimed at reaching non-residents, employees, and new residents.	☑				Current/Strategic
Encouragement Programs Design and pilot a transit ridership encouragement or loyalty program to incentivize and increase transit ridership.			☑		Current

Safe and Complete Streets	Timeframe			Investment Program
Action	Ongoing	Near (2019 - 2024)	Long (2025 - 2030)	
TRANSIT				
Older Adults and Persons with Disabilities Program Support. Continue to support ongoing program development and operations, in collaboration with partners, including RTD, Boulder County Mobility for All, and Via.	<input checked="" type="checkbox"/>			Current/Strategic
Program Expansion and Optimization. Increase support to Via and other human services partners for initiatives such as expansion of the volunteer driver program, travel training, peer-to-peer mentoring, and integration of app/web based technology.		<input checked="" type="checkbox"/>		Current/Strategic

Regional Travel

Partners for regional travel efforts include RTD, Boulder County, CDOT, North Front Range MPO, DRCOG, Via, Transfort- Fort Collins, Longmont, and Loveland, BVSD, Mayors and Commissions Coalition communities, Commuting Solutions, State Highway 7 Coalition, State Highway 119 Coalition, Boulder Chamber, Northwest Chamber Alliance, and others regional partners.

Regional Travel	Timeframe			Investment Program
	Ongoing	Near (2019-2024)	Long (2025-2030)	
Action				
Active Engagement in Northwest Area Mobility Study (NAMS) Regional Coalitions Work with Commuting Solutions, the MCC, and SH 119 and SH 7 Coalitions, to advance regional multimodal corridors per NAMS.	<input checked="" type="checkbox"/>			Current
Priority Northwest Area Mobility Study Corridors Regional Improvements. Continue to partner with regional agencies to design, fund and implement the NAMS corridors to expand regional travel options that include managed/express lanes, regional BRT and commuter bikeways.		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Current
Local Improvements. Continue phased implementation of local improvements to NAMS corridors, as per the East Arapahoe Transportation Plan, SH 119 BRT Study, Broadway, and future corridor improvements along Broadway and South Boulder Road. (See Transit)		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Current/Strategic
Inter-Regional Flex Service between Fort Collins and Boulder Work with partners including RTD, Boulder County, Transfort/Fort Collins, DRCOG, North Front Range MPO, CU, Via, Longmont, and Loveland to maintain and expand enhanced, direct inter-regional transit service between Fort Collins and Boulder.		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Current
Regional Van and Carpool Service Promote existing and new, innovative app-based vanpool and carpool/ridesharing services. (See TDM)		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Current
SH 119 First and Final Mile Study Support development of SH 119 First and Final Mile Study and first phase implementation.		<input checked="" type="checkbox"/>		Current
Passenger Rail Statewide Passenger Rail. Support exploration of Front Range Passenger Rail, and advocate for connections to NAMS corridors at I-25/SH 7 and I-25/SH 119.		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Current

Regional Travel	Timeframe			
Action	Ongoing	Near (2019- 2024)	Long (2025- 2030)	Investment Program
Northwest Rail. Support full completion of the Northwest Commuter Rail, including creative and alternative rail implementation strategies such as the exploration of peak service.		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Current

Transportation Demand Management (TDM)

Actions for TDM require partners across the City of Boulder, including: City Staff, existing and new Districts, property owners, Boulder employees and residents, Boulder Transportation Connections and Chamber of Commerce, BTC, 36 Commuting Solutions, Way to GO, Smart Trips, Chamber, RTD, bike share and carshare organizations, the technology community, DROG, Boulder County, rideshare organizations, mobility service providers, VIA and the development community.

Transportation Demand Management (TDM) Action	Timeframe			Investment Program
	Ongoing	Near (2019 - 2024)	Long (2025-2030)	
EcoPass				
Support Programs. Continue and expand the EcoPass Subsidy and Rebate Program and services by supporting Neighborhood and Business Coordinators, continuing coordination with RTD and managing the Forest Glen GID NECO program.	☑			Current
Increase Access. Continue to explore implementation options for Community-wide Eco Pass Program in conjunction with Boulder County and RTD in pursuit of fare-free system. (See Transit)		☑	☑	Current/Strategic
Low Income Households. Partner with Boulder Housing Partners (BHP), Thistle Communities and the City's Affordable Housing Program to increase access to the EcoPass for low income households.		☑		Current
Low Income Youth Pass Programs. Maximize impact of RTD's new Low Income and Youth Pass Programs and integrate into business, college and neighborhood EcoPass programs.		☑		Current
Employer TDM				
Management. Manage the TDM Employer Outreach Program including the partnering with BTC, Commuting Solutions, DRGOG, RTD, the Boulder Chamber and other service providers for our Vanpool Subsidy Program, ETC Network, and other TDM programs.	☑			Current
Expansion. Expand Employer Outreach TDM Program through partnerships with Boulder Transportation Connections (BTC) and other partners to design a toolkit for existing developments and employers to expand the implementation of vehicle trip reduction and multi-modal access programs and establish Parking Cash-out programs.		☑		Current
Vanpooling and Ridesharing Subsidies. Design and implement new subsidy program for vanpooling and ridesharing in partnership with BTC, DRCOG's Way to GO program, and North Front Range MPO's Smart Trips programs. Technological innovations with mobility on demand.		☑	☑	Current

Transportation Demand Management (TDM)	Timeframe			Investment Program
	Ongoing	Near (2019 - 2024)	Long (2025-2030)	
Action				
Regional Partners. Expand TDM Programs with Local and Regional Partners to design, implementation and evaluate TDM programs for existing and future regional BRT corridors. (See Regional)		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Strategic
Access Districts Management. Manage TDM programs and services provided by Districts, monitor and evaluate their effectiveness, and look for opportunities to expand programs supporting mode shift.	<input checked="" type="checkbox"/>			Current
Advance District Approach. Evaluate District approach's impact on long-term demographic trends in terms of Housing and Transportation costs, vehicle ownership, GHG reduction, and use.		<input checked="" type="checkbox"/>		Current
District Expansion. Expand existing and establish new districts, applying lessons learned from Boulder Junction including the application of the financing district approach to funding and requiring TDM and parking management programs to meet trip generation allowances and support mixed-use, TOD districts. Emerging areas for potential districts include East Arapahoe, North Broadway, and Alpine-Balsam.		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Current
Eco Districts. Incorporate Access District approach in conjunction with Eco Districts, which encompass the full spectrum of sustainability and resiliency including energy, water, waste and transportation.		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Strategic
TDM and Parking Management Access Management and Parking Strategy (AMPS) Implementation. Evaluate ways to apply TDM Planning and Parking Management to existing developments to reduce VMT and GHG.		<input checked="" type="checkbox"/>		Current
TDM and New Development. Modify the existing TDM "Transportation Options" Toolkit used by developers to design TDM Plans for new developments based on best practices and policy review to support our GHG reduction goals. Designing potential TDM Plan Ordinance for new developments in conjunction with Parking Code Update.		<input checked="" type="checkbox"/>		Current
Special Event Access Implement a TDM policy to require Special Event Access Plans, bicycle parking and messaging of suggested routes.		<input checked="" type="checkbox"/>		Current

Transportation Demand Management (TDM)	Timeframe			Investment Program
	Ongoing	Near (2019 - 2024)	Long (2025-2030)	
Special Event Impacts Review current special event applications for reducing traffic impacts.	<input checked="" type="checkbox"/>			Current
Construction Develop TDM expectations and program for construction projects.		<input checked="" type="checkbox"/>		Current
Technology Innovation and Data Management Smart Phone Survey. Refine and utilize the smart phone survey application to collect more accurate travel data from a broader and diverse population.		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Current
Real-Time Information. Develop real-time transit information, multi-modal trip planning and fare payment for multi-modal travel. (See Transit Action Plan.)		<input checked="" type="checkbox"/>		Strategic
Mobility Platform. Support development of a mobility platform that pushes real-time transit, rideshare, carshare, bikeshare, and other mobility service data to electronic and mobile platforms.		<input checked="" type="checkbox"/>		Strategic
Boulder Access Card. Work with RTD, bikeshare, and carshare providers to merge technology to develop a single Boulder Access Card that allows residents, employees and students to take advantage of all programs.		<input checked="" type="checkbox"/>		Strategic
Big Data. Utilize “big data” for bicycle, pedestrian and vehicle counts to measure the effectiveness of programs and track TMP performance metrics.		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Strategic

Advanced Mobility

These tasks will be done in coordination with the following partners: City of Boulder, Service Providers and City of Boulder Boards and Council.

Advanced Mobility	Timeframe			Investment Program
	Ongoing	Near (2019 - 2024)	Long (2025-2030)	
Action				
Access Management and Parking Strategy (AMPS) Implement and expand the AMPS strategies, including shared, unbundled, managed and paid (SUMP) parking management principles, curbside management, parking code update, TDM Plans, and parking pricing.	<input checked="" type="checkbox"/>			Current
New Technologies Continue to monitor developments in new and development transportation technologies and services, including exploration of cable transit feasibility.	<input checked="" type="checkbox"/>			Current
Pilots Implement Advanced Mobility pilots to demonstrate new services and technologies where they meet a transportation need and support our Advanced Mobility policies.	<input checked="" type="checkbox"/>			Current
Implement a TNC real-time curb management pilot with Community Vitality and expand if the pilot proves successful. (See Integrate with Sustainability.)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Current
Prepare for the introduction of electric scooters by establishing guidelines for initial pilots and evaluating whether the traffic code should be amended to allow for scooters in the public right of way.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Current
Investigate and pilot electric micro-mobility charging stations to consolidate vehicle parking and reduce the vehicle trips needed for charging.		<input checked="" type="checkbox"/>		Current/Strategic
Pilot Mobility Hubs with the full complement of Advanced Mobility modes to address the first and last mile issue for transit riders.		<input checked="" type="checkbox"/>		Current/Strategic
TNC Fees Explore application of an environmental impact fee on TNC consumers starting with discussions with the TNCs followed by a fee study to establish the nexus between the fee and impacts to the city.		<input checked="" type="checkbox"/>		Current
Smart Street Infrastructure Define the concept of smart streets to understand the infrastructure investment needed to support the advanced		<input checked="" type="checkbox"/>		Current

Advanced Mobility	Timeframe			Investment Program
	Ongoing	Near (2019 - 2024)	Long (2025-2030)	
Action				
communications needed to support connected and autonomous vehicles. Begin including these infrastructure costs in city projects in the public right of way.				
TNC Electric Vehicles Explore partnership with the TNCs to convert their fleets to electric vehicles (EVs) operating in the Boulder Valley. The city role might include providing financial incentives to TNC operators to purchase EVs and providing quick charge locations to support TNC EVs.		<input checked="" type="checkbox"/>		Current
Parking Continue city parking code reform to eliminate parking minimums and create parking maximums, expand passenger drop off/pick up zone and allow parking in-lieu fees that can be directed toward TDM efforts, transit, TNC pool subsidies, etc.		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Current
Monitor parking and passenger pick up/drop off demands and modify the city parking code requirements in response to these changing needs.			<input checked="" type="checkbox"/>	Strategic
Technology Innovation, Mobility and Access Working Group Develop working group to advance the use of dynamic ridesharing/mobility service applications.	<input checked="" type="checkbox"/>			Current
Mobility as a Service Support regional development of a Mobility as a Service (MaaS) smart phone app including all modes of travel and an integrated payment system for all modes.		<input checked="" type="checkbox"/>		Strategic
Adaptable Parking Structures Encourage/require adaptable parking structures to allow redevelopment of these structures to uses other than parking.			<input checked="" type="checkbox"/>	Strategic
Pedestrian Priority Zones Explore expanding the Downtown car free zone to a zone that prioritizes pedestrians, offers no cost transit service, and allows for only clean, shared vehicle operations.			<input checked="" type="checkbox"/>	Strategic
Municipal Fleet Evaluate replacing municipal fleet passenger vehicles with privately operated carshare vehicles; maximizing use of alternative fuel and/or electric vehicles		<input checked="" type="checkbox"/>		Current

Funding

City of Boulder, in collaboration with RTD and other partners, are responsible for funding the transportation system.

Funding	Timeframe			
Action	Ongoing	Near-Term (2019 - 2024)	Long-Term (2025-2030)	Investment Program
Annual Budgeting Process Participate in the city annual budget process including responding to revenue projections, budget priorities and preparing the Capital Investment Program.	☑			Current
Leverage local money for regional, state and federal funding to achieve TMP goals and priorities.	☑			Current
Continue to utilize annexation agreements, the district funding approach, impact fees and excise taxes as mechanisms to fund transportation improvements.	☑			Current
New Local Funding Mechanisms Reconvene a Funding Working Group to design a Mobility Fee for possible 2020 implementation or 2020 Ballot. Continue to research and design additional mechanisms including vehicle registration fees, curbside management fees, and user fees with congestion pricing along regional corridors.		☑		Current
New User Fee-Based Funding Initiatives Research and propose a user based funding mechanism to council and the public when these are proven and technologically feasible, following a comprehensive public process.		☑	☑	Strategic
Regional Funding Continue to participate in regional, sub-regional and county level planning and funding discussions to support high quality transit service between communities in the northwest portion of the region.	☑	☑		Current/Strategic
User Based Funding Options Monitor and investigate applications occurring across the country including VMT taxes or fees.		☑	☑	Current

Integrate with Sustainability Initiatives

These tasks will be done in coordination with the following partners: City of Boulder Transportation, Fleet and Climate departments, and regional partners.

Integrate with Sustainability Initiatives	Timeframe			Investment Program
	Ongoing	Near (2019 - 2024)	Long (2025-2030)	
Action				
Integration of TMP and BVCP Work to implement TMP goals and strategies in collaboration with BVCP goals.		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Current
Integration and Collaboration Continued staff participation and co-management of variety of integrated land use, transportation, urban design planning initiatives, including AMPS, East Boulder Subcommunity Plan, Climate Commitment, and Alpine/Balsam planning.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Current
Climate Commitment Continue coordination and participation in the city's annual GHG inventory produced under the Climate Commitment.	<input checked="" type="checkbox"/>			Current
Participation with city Sustainability staff in the Climate Mobilization process to build community support and strategies for reducing GHG emissions.				
Monitor and assess new data sources for estimating vehicle miles of travel (VMT) to support the GHG inventory.	<input checked="" type="checkbox"/>			Current
Access to Open Space Explore and coordinate with Open Space on a range of transportation and design solutions to reduce parking congestion and greenhouse gas emissions from visitor travel and to promote active living.		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Current
Curbside Management Plan Continue the curb inventory effort in the Downtown and develop a comprehensive curb management plan, policy and implement for passenger loading, freight and other technologies.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Current
Pilot and implement a curb management program to improve access, safety and generate revenue.		<input checked="" type="checkbox"/>		Current

Integrate with Sustainability Initiatives	Timeframe			Investment Program
	Ongoing	Near (2019 - 2024)	Long (2025-2030)	
Action				
Vehicle Electrification				
Lead the community in adoption of plug-in electric vehicles, with the city fleet demonstrating new clean technology when available.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Current/Strategic
Develop a plan and implement charging infrastructure supporting plug-in electric vehicles at both city parking facilities as well as with partner agencies and other interested parties.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Current/Strategic
Work to convert existing vanpool vehicles to electric vehicles and expand electric vanpools with a priority on residential areas outside of RTD.		<input checked="" type="checkbox"/>		Current
Airport				
Update the Airport Master Plan and work with the public airport to broaden its value to the community and prepare for any Advanced Mobility opportunities that may utilize it for passenger or freight delivery.		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Current
Air Quality				
Develop a city air quality program building on regional efforts to reduce priority emissions in the Boulder Valley and Front Range and in accordance with state and federal air quality requirements.		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Current

Measurable Objectives

The following actions will be completed in partnership with the City of Boulder.

Measurable Objectives	Timeframe			Investment Program
	Ongoing	Near (2019-2024)	Long (2025-2030)	
TMP Living Document Update the TMP following the TMP amendment process to reflect council decisions in the BVCP, master plans, area plans, corridor studies and major development review projects.	<input checked="" type="checkbox"/>			Current
Transportation Report on Progress Prepare and publish Transportation Report on Progress every two years (next edition in 1st Quarter 2020). Report includes trend data and analysis for all measurable objectives and coordination with Climate Commitment's GHG emissions analysis.	<input checked="" type="checkbox"/>			Current