



North Area Transportation Alliance Board Meeting

February 25, 2021



Agenda



- Welcome by Chair Jessica Sandgren
- Introduction of new Reps. & Attendees
- Approval of January 28, 2021 NATA Meeting Minutes
- Smart Commute update: Karen Stuart, Carson Priest, Tammy Herreid
- RTD Directors' Reports
- N Line Update: Chair Jessica Sandgren
 - N Line Operational Issues
 - Pilot Fare Program End Discussion
 - RTD Fare Zone Discussion
- RTD Accountability Committee Update: Councilmember Julie Mullica
- Doodle Poll on NATA Retreat Date Options and Retreat Topics
- CML Legislative Update: Meghan MacKillop
- CDOT CO 7 Corridor Development Plan: Ryan Sorenson, CDOT Project Manager

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SCMN Update



- Grant Pursuits
 - Can Do Colorado eBike Program
 - Wellness and Ergonomics Tips for Teleworkers
 - E-470 Safety Grant
- BTWD Postponement – September 22
 - SCMN Summer Bike Campaign
- Series of Webinars & Presentations



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RTD – N Line Railroad Responsibilities

Maintained, operated, and dispatched by RTD's Operations Team

Responsibilities include:

- Dispatch N Line operations from Park Avenue/Wewatta overpass bridge to 124th Station
- Inspection and maintenance of all rail infrastructure
- Cleaning of vehicles
- Contract/coordinate with supplier of the TMDS and PTC System Performance for the N Line



Supplier Responsibilities

Wabtec:



- Freight and passenger supplier/vendor
- Positive Train Control, Interoperable Electronic Train Management System
- Train Management Dispatch System
- Traction Power Management System

“What are Quiet Zones?”

Regulatory rule allowing for no horn use by train operator under normal operating conditions

Exceptions include:

- **If PTC on the train doesn't initialize or drop during the trip** the FRA requires the train operator to sound horns at the crossing or adhere to the requirements spelled out in ***FRA 49 CFR 222.23:***
 - (a)(1) Notwithstanding any other provision of this part, a locomotive engineer may sound the locomotive horn to provide a warning to animals, vehicle operators, pedestrians, trespassers or crews on other trains in an emergency situation if, in the locomotive engineer's sole judgment, such action is appropriate in order to prevent imminent injury, death, or property damage.
 - (b)(2) When active grade crossing warning devices have malfunctioned and use of the horn is required by specific sections of this chapter: §§234.105, 234.106, or 234.107



N Line Performance Metrics

Date	Service Availability	On-Time-Performance
November 2020	100%	83.5%
December 2020	93.2%	83.6%
January 2021	96.2%	88.1%



EAGLE (A,B & G Lines) Performance Metrics

Date	Service Availability	On-Time-Performance
November 2020	95.2%	90.7%
December 2020	97.3%	96.7%
January 2021	98.6%	96.5%



Current Challenges

Repeated PTC and TDMS failures

N Line

- December 2020 17 days with issues
- January 2021 10 days with issues
- As of February 14, 2021 2 days with issues

EAGLE

- December 2020 9 days with issues
- January 2021 6 days with issues
- As of February 14, 2021 5 days with issues

Virtual Quiet Zone Public Meetings

- | | | |
|---------------|----------------------------------|--------------|
| • A Line | Wednesday, March 3 rd | Noon to 1 pm |
| • B & G Lines | Thursday, March 4 th | Noon to 1 pm |
| • N Line | Friday, March 5 th | Noon to 1 pm |



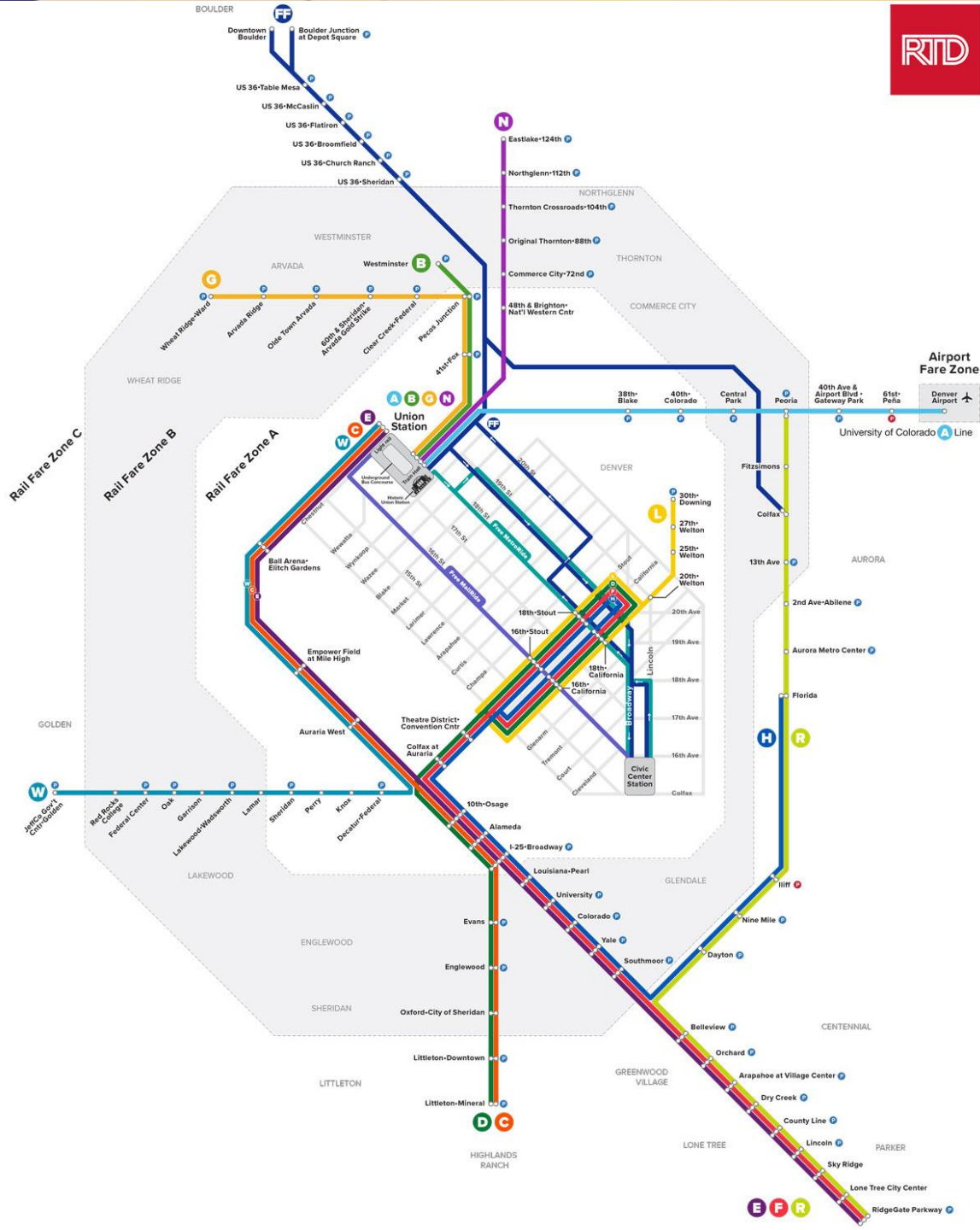


Pilot fare program



"From September 28, 2020 through March 27, 2021, as part of a promotional fare pilot program, RTD is offering a local fare for travel on the entire N Line. If the trip includes transferring to additional zones on rail or bus, a higher fare may apply."

RTD Fare Zones





Northern RTD Fare Zones





Southern RTD Fare Zones





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RTD ACCOUNTABILITY COMMITTEE OVERVIEW

- North Area Transportation Alliance
- February 25, 2021
- Julie Duran Mullica,
RTD Accountability
Committee Governance
Subcommittee Chair

COMMITTEE MEMBERS

Member	Position
Elise Jones	Representative of local government
Deyanira Zavala	Transportation equity expertise
Rutt Bridges	Financial planning expertise
Chris Frampton	Economic development expertise
Rebecca White	Urban planning expertise
Crystal Murillo	Aurora City Council member
Jackie Millet	Mayor of Lone Tree
Julie Duran Mullica	Northglenn City Council Member
Kathy Nesbitt	Human resources expertise
Dan Blankenship	Multi-modal expertise
Krystin Trustman	Expertise with issues facing transit riders with disabilities
Lynn Guissinger	RTD Board Member- Ex Officio
Troy Whitmore	RTD Board Member- Ex Officio

MISSION



To provide feedback and a set of recommendations for improvement to the operations of and statutes related to RTD, to the board and staff of the RTD, the Governor, the General Assembly, and the public.

We are here to provide guidance to help RTD better serve the region.

TIMELINE



July 2020 – Committee Convened

December 31, 2020 – Optional Preliminary Report

July 1, 2021- Committee recommendations due

Within 45 days of issuance of the report- RTD Board must either adopt the recommendations or issue a report stating its reasons for not adopting specific recommendations

SUBCOMMITTEES



- Governance
- Finance
- Operations

GOVERNANCE SUBCOMMITTEE



- Alternative regional/subregional governance structure
- Partnerships with other transit agencies & nonprofits
- RTD's service area
- Size and structure of RTD Board

FINANCE SUBCOMMITTEE



- More sustainable financial model
- Use of COVID-19 relief funds
- Review of RTD statues
- Resolution for unfinished FasTracks Corridors
- Financial transparency
- Partnership opportunities to enhance mobility services

OPERATIONS SUBCOMMITTEE



- RTD fares and pass programs
- Service delivery to transit-reliant populations
- Community-based transit service planning and operations
- Organizational assessment
- Social/environmental justice and equity analysis

PRELIMINARY REPORT



- Information about the Committee
- Status report for each subcommittee
- Proposed legislative recommendations for consideration by the Governor and General Assembly in the 2021 Legislative Session

LEGISLATIVE RECOMMENDATIONS



- Recommendations are focused on statutory restrictions that have the potential to provide RTD with greater flexibility and opportunity to improve its finances and/or ridership
 - Farebox ratio requirements
 - Parking fees
 - Commercial & residential uses at stations
 - Contracting with local governments & nonprofits



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CO 7 Corridor Coalition Plan Update

January 29, 2021



COLORADO

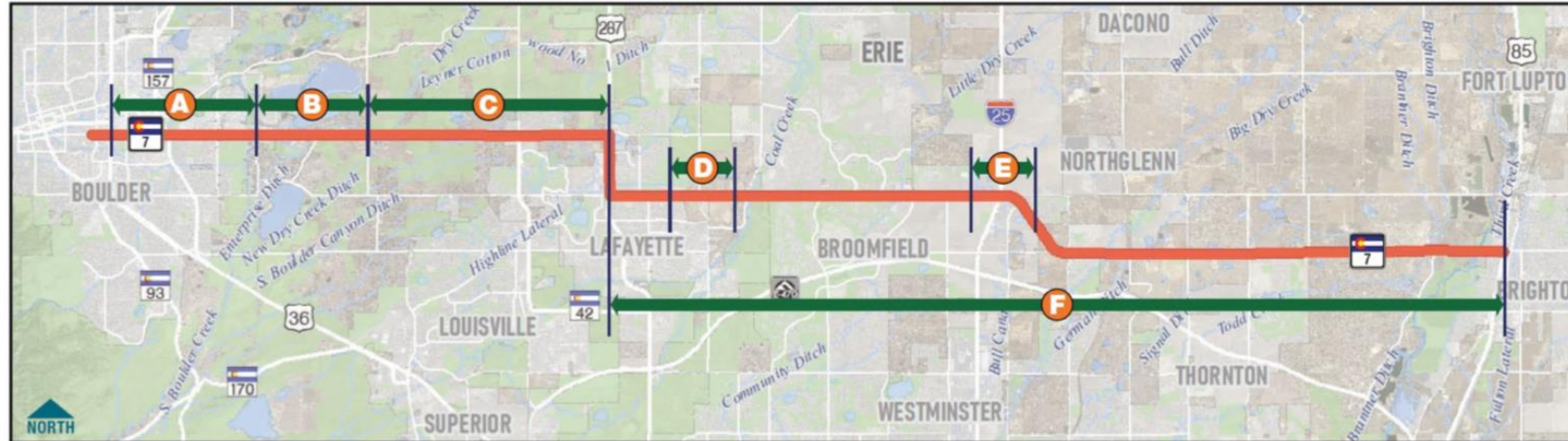
Department of Transportation

CO 7 Corridor (Brighton to Boulder) Corridor Development Plan



CO 7 CORRIDOR

Background



KEY

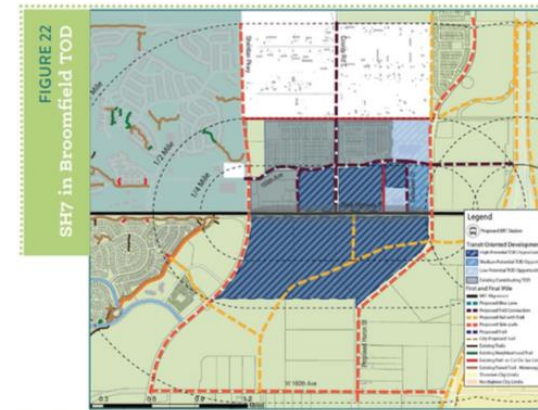
- A** East Arapahoe (SH 7) Transportation Plan (2018)
- B** SH 7 (Cherryvale Rd. to 75th St.) EA and FONSI [Environmental Data: 2006 to 2008]
- C** SH 7 (US 287 to 75th St.) PEL [Environmental Data: 2012 to 2016]
- D** SH 7/119th St./120th St. Intersection CatEx [Environmental Data: 2015 to 2020]
- E** I-25/SH 7 Interchange Revised ROD1 and Reevaluation [Environmental Data: 2016]
- F** SH 7 PEL (US 85 to US 287) [Environmental Data: 2011 to 2012]

Multimodal Vision

- BRT Operations - Brighton to Boulder
- BRT Station Areas:
 - Land Use
 - Stations
 - Supporting Infrastructure (Bike/Ped/Micro-transit)
- Corridor Infrastructure:
 - Busway (Exclusive Lanes & Bus-on-Shoulder)
 - Bus Stations (In-Line Platforms)
 - Intersection Improvements with Bus Queue Jump Lanes
 - Roadway Lane Widening (East of Lafayette)
 - Bicycle Facilities
 - Multi-use Path



BRT Feasibility Study



Station Area Plans



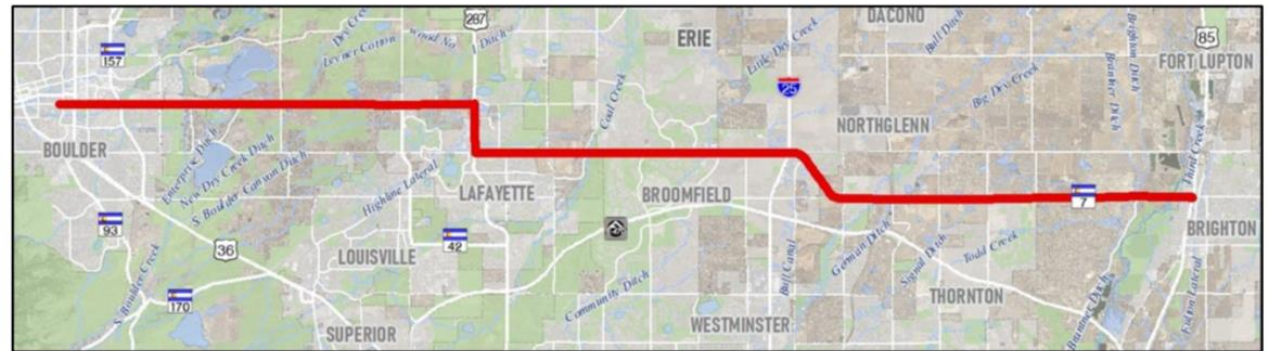
BRT Station Plans



Corridor Development Plan

The “Project”

- DRCOG Regional and Subregional Project
- Funding = \$10M Total
- Project Purpose:
“ Prepare and advance the Corridor’s design ...”
- Project Uses:
 - Develop Preliminary Engineering
 - Initiate Environmental Engineering
 - Identify Right-of-way
 - Identify Utilities
- Excludes I-25 Mobility Hub





Corridor Development Plan

Purpose of the CDP

- Prioritize the Corridor to define where and how best to perform the Project
- Based on the Multimodal Vision
- Based on past studies and ongoing efforts
- Analysis:
 - Define goals for the Project
 - Define environmental analysis approach
 - Identify technical methods for design
 - Identify priority sections of the corridor
 - Define the plan to deliver the Project





Corridor Development Plan

Technical Advisory Committee (TAC)

- Members:

- | | |
|---------------------|-------------------------------|
| City of Boulder | City of Brighton |
| City of Lafayette | City of Thornton |
| Town of Erie | Adams County |
| Boulder County | City and County of Broomfield |
| Commuting Solutions | Smart Commute Metro North |
| RTD | Northwest Chamber Alliance |

- Five Coordination Meetings
- Individual Interviews
- Workshops
- Outcome - Final Report and Consensus

Corridor Development Plan - Schedule					
2020					
July	Aug	Sept	Oct	Nov	Dec
Vetting		Verifying		Agreeing	
Task 1 - Goals and Measures		Task 2 - NEPA Analysis and Doc Framework		Task 3 - Work Program Development	
		Task 4 - CDP Report		Task 5 - Agreement	
Task 6 - CDP Coordination		Task 6 - CDP Coord.		Task 6 - CDP Coordination	



Corridor Development Plan

CDP Goals

1

Advance
Multimodal
Improvements

2

Address
Current
Needs

3

Plan &
Prepare
for the
Future

4

Complement
Existing &
Planned
Infrastructure

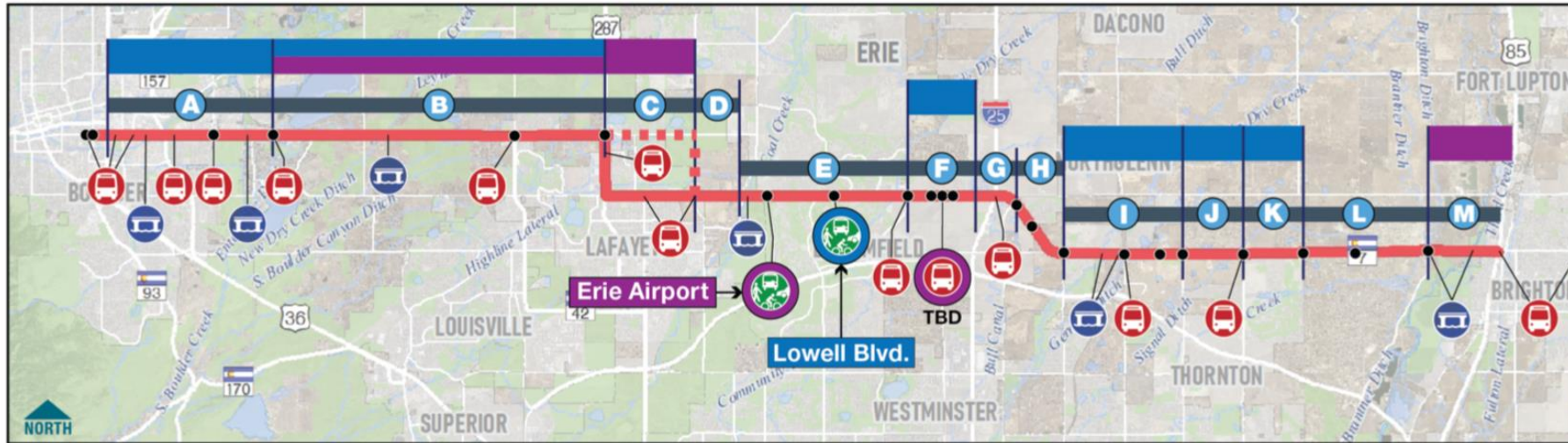
5

Leverage
Joint
Opportunities

6

Provide Equity
Across the
Corridor

Recommended Plan for the Project (Priority 1)



KEY

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

Priority 1 Proposed Actions

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



Corridor Development Plan

Recommended Plan for the Project (Priority 1)

SIU	No.	Location	Title	Cost (Study/PE)	Activity	
					Study	PE
A	2-20	Boulder	SIU A - 28 th to 64 th Street	\$1,467,000		X
B	1-1	Boulder, Boulder Co	BRT Concept Study (64 th - US 287) (SIU B)	\$180,000	X	
B	2-21	Boulder, Boulder Co	SIU B - 64 th Street to US 287	\$1,263,000		X
C	2-22	Lafayette, Erie, Bldr Co	SIU C - US 287 (N) to 119 th Street	\$224,000	X	
E	4-1	Erie	Erie Airport Entrance Rd Concept Plan	\$112,000	X	
E	2-7	Broomfield	Lowell Intersection	\$280,000		X
F	1-2	Broomfield	BRT Station Concept Plans (CR 7/Palisade)	\$112,000	X	
F	2-24	Broomfield	SIU F - Sheridan Pkwy to I-25	\$862,000		X
I	2-26	Thornton	SIU I - York to Holly Street	\$1,198,000		X
J	2-27	Thornton	SIU J - Holly to Quebec Street	\$560,000		X
K	2-28	Thornton	SIU K - Quebec to Yosemite Street	\$560,000		X
M		Brighton, Adams Co	Placeholder - TBD	\$224,000		
Total				\$7,042,000		

- Note:
1. Costs are preliminary and are subject to refinement as the Plan progresses.
 2. Priority 2 Proposed Actions can advance into preliminary engineering and environmental analysis upon securing additional funding.



Corridor Development Plan

Project Budget Summary

Item	Description	Cost
Corridor-wide Programmatic Activities		
Corridor Development Plan	Develop the overall delivery plan for the Project.	\$250,000
Project Administration and Oversight	Provide overall management, administration, and oversight for the delivery of the Proposed Actions including contract, procurement, budget/schedule and quality management.	\$1,500,000
Aerial/LiDAR Mapping	Provide corridor-wide design level aerial photography, LiDAR and supporting target control surveys for cloud-based topography data collection.	\$200,000
Corridor Systems Planning Tool and Traffic Forecasts	Develop a corridor systems planning tool and dataset for land use and planning-level demand forecasting that can be administered and utilized by CDOT and the CO 7 Coalition in their ongoing land use and transit planning activities and develop design horizon traffic projections for preliminary engineering.	\$220,000
Environmental Analyses and Coordination	Perform environmental inventory and analyses pursuant with the CDP and coordinate resource issues with preliminary design activities.	\$360,000
Technology Deployment Plan	Develop a Smart Technology plan for the Corridor to identify design details and treatments to be included in the preliminary engineering considering emerging technologies and communications infrastructure.	\$115,000
Corridor Bike Treatment Plan	Develop a Corridor-wide plan addressing bike facility connectivity, standards, and design details for inclusion in the preliminary engineering activities.	\$103,000
Strategic Communications	Provide Corridor-wide strategic communications including, but not limited to, branding, CO 7 Coalition coordination, public official briefings, media relations, Corridor-based communications, and coordination of stakeholders and general public involvement.	\$210,000
Recommended Proposed Actions		
Proposed Actions (Priority 1)	Complete concept studies and deliver preliminary engineering and plans for the highest value Proposed Actions constrained to the budget.	\$7,042,000
Total		\$10,000,000

Note: 1. Costs are preliminary and are subject to refinement as the Plan progresses.





Corridor Development Plan

Program Delivery

- Program Approach to Delivery
 - Accountability
 - Cost Efficiency
 - Quality
 - Technical Uniformity
 - Timeliness
 - Coordination
- Program Management Team
- Proposed Action Teams

	2020			2021				2022				2023				2024
	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
Corridor Development Plan	CDP															
Corridor Program Management	Program (Project) Administration and Oversight															
	Resource Staffing and Assignments															
	Procure/Assign Proposed Action Teams															
	Aerial/LiDAR															
	Corridor Planning Tool															
	Environmental Analyses and Coordination															
	Tech Deployment Plan															
	Corridor Bike Plan															
Proposed Action (PA) Delivery	Strategic Communications															
	Land Use Planning and BRT Playbook Execution (by TAC)							Proposed Actions (First Group)								
								Proposed Actions (Second Group)								





Corridor Development Plan

Communications Management Plan

- Strategic communications
- Communications Manager
- Roles and Responsibilities
- Communication Elements and Tactics

Communications Activities	Roles and Responsibilities	
	Communications Manager	Proposed Action Team Specialist
Branding		
Regional Partners Coordination and Media Relations		
Messaging and Engagement		
Regional and Corridor-wide Messages		
Local Design, Property and Environmental information		
Project Website		
Corridor Contact List	Regional	Local
Social Media	Regional	Local
Public Involvement (Townhalls, Open Houses)		
Community Briefings and Events	Regional	Local

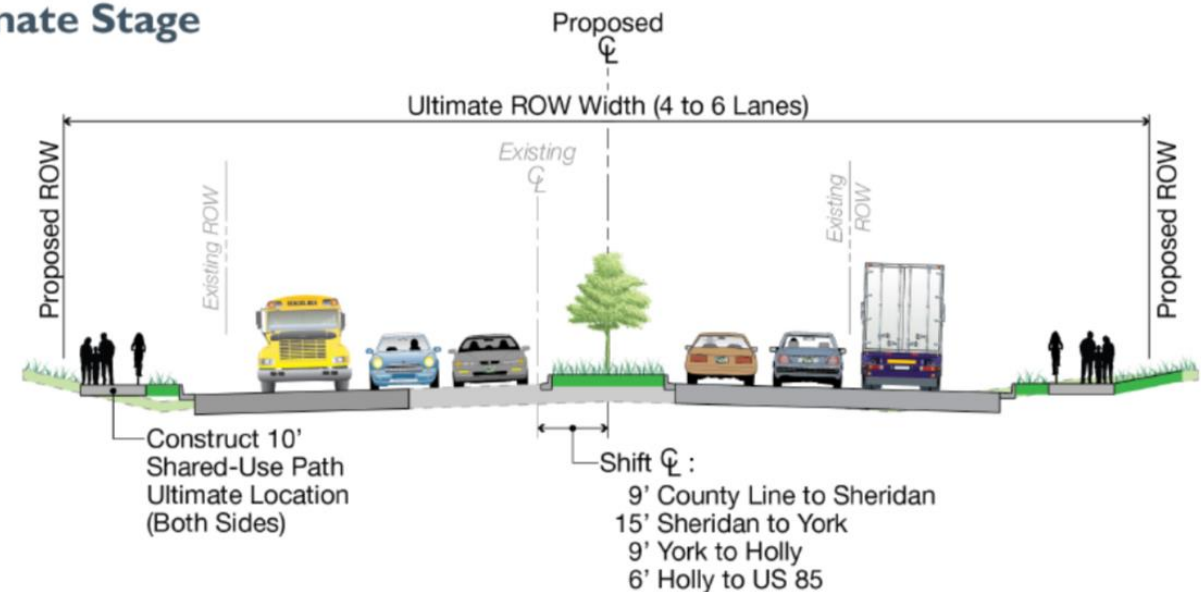


Corridor Development Plan

Implementation Plan

- Existing Projects (e.g., 119th Street)
- Phased Incremental Implementation
- Flexible - Responsive to Opportunities
- Phasing Guidance
- Implementation Scenarios:
 - Advance BRT Scenario
 - Choke Points Scenario
 - Operational Continuity Scenario
- Construction Staging Guidance

Ultimate Stage



NOTE:

Construct Ultimate Multimodal Improvements per Planning Study Recommendations



Corridor Development Plan

Status and Next Steps

- Final Report - TAC Consensus
- TODAY - CO 7 Coalition Endorsement
- Continued CO 7 Coalition and TAC Coordination
- Plan Mobilization:
 - Resource Planning and Staff Assignments
 - Coordination of Active Design in Progress
 - Detailed Work Programs
- Early Lead Items:
 - Aerial/LiDAR Mapping
 - Central Corridor Communications Website
 - Corridor Communications Manager



Corridor Development Plan

Questions and Discussion



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