



Operations Analysis for Front Range Passenger Rail aka Colorado Connector (CoCo)

STB Passenger Rail Advisory Committee

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Meet CoCo (formerly FRPR)

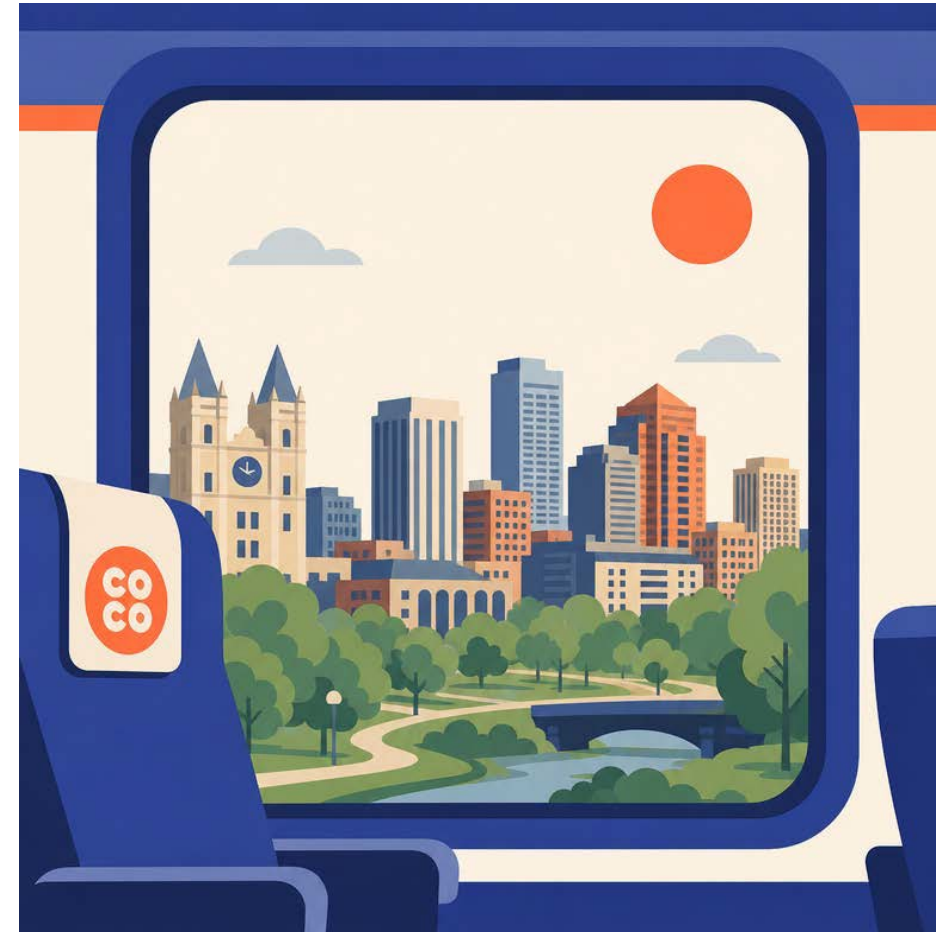
- New intercity passenger rail service
- ~190 miles along Colorado's Front Range
- Shared use corridor with freight railroads
- Thirteen station locations
 - Two special event stops
- Phased implementation plan

KEY PARTNERS INCLUDE:



Shared Use Existing Conditions

- ➡ North Segment: Denver – Fort Collins
 - ~ 70 miles
 - 100% single track w/ sidings
 - Max Operating Speed: 49 mph
 - Average of 3 freight trains/day (bi-directional)
- ➡ South Segment: Denver - Pueblo
 - ~ 120 miles
 - 70% is double/triple track
 - 30% is single track
 - Max Operating Speed: 45 mph to 55 mph
 - Average 18 freight trains/day (bi-directional)



Genesis of Operations Analysis Process

- ➔ FRA identified issue around transparency in host railroads/consultant operations analysis
- ➔ Resulted in a need to:
 - Establish common ground among FRA, host railroads, and sponsor agencies
 - Create trusted working relationship
 - Develop a process where analysis could be shared among the stakeholders but considers data sensitive concerns
 - Identify parameters and criteria for a successful analysis



Overall Operations Analysis Process

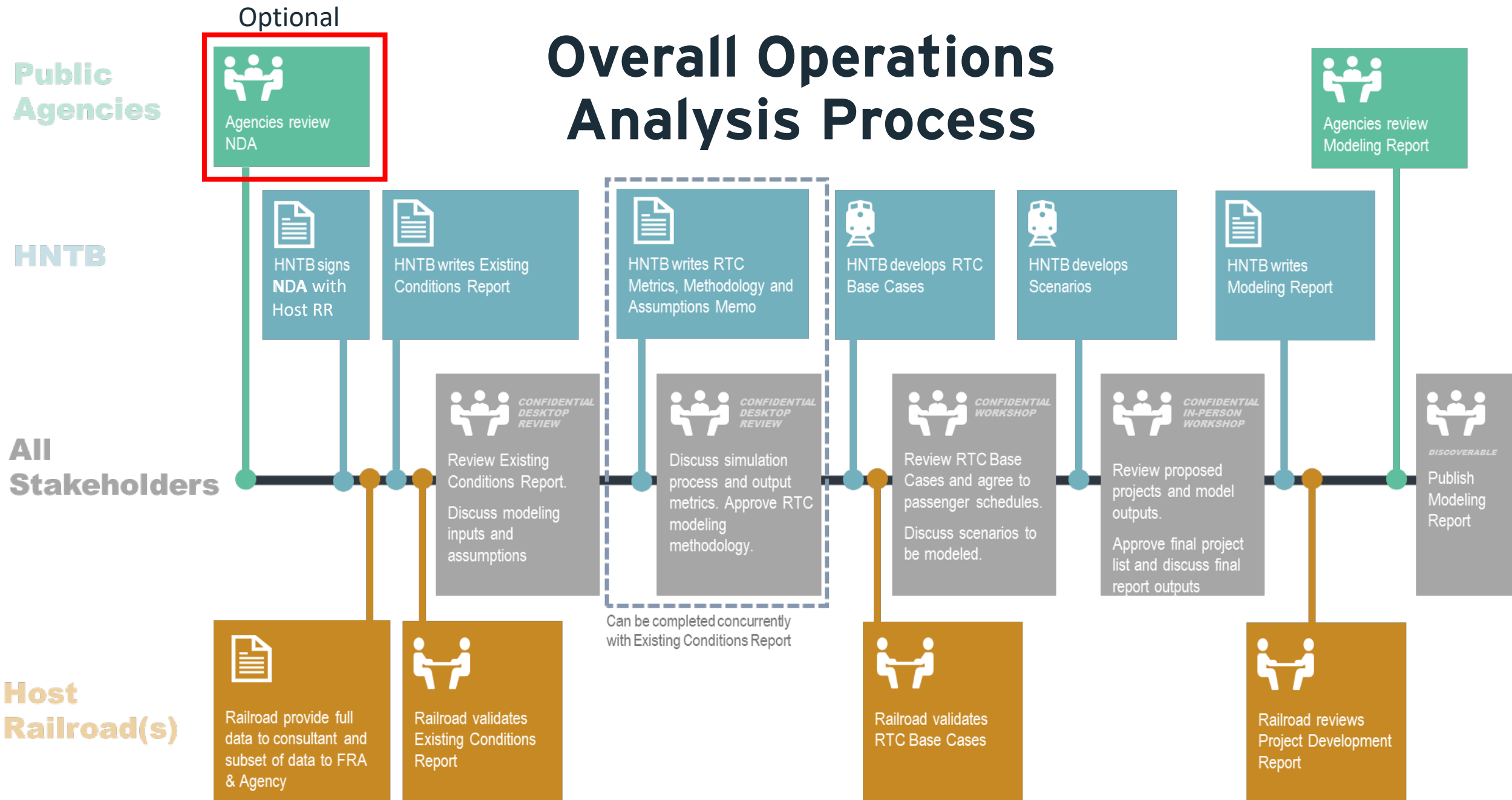


Table of Contents for Operations Report

1. Overview	WS #1	Existing Conditions
2. Existing Freight Operations		
3. Existing Passenger Operations		
4. Operational Simulation Methodology	WS #2	Methodology and Inputs
5. RTC Inputs		
6. 2023 Base Case	WS #3	Base Case & Proposed Investments
7. 2035, 2045 and 2055 Freight Cases		
8. 2055 Passenger Case		
9. Sensitivity Analysis	WS #4	Refined Proposed Investments
10. Discussion		

Workshop Approach

➡ Key Agenda Items

- Current Workshop Goals & Objectives
- Revisit prior decisions (Level Setting)
- Next Steps, Action Items, Next Meeting

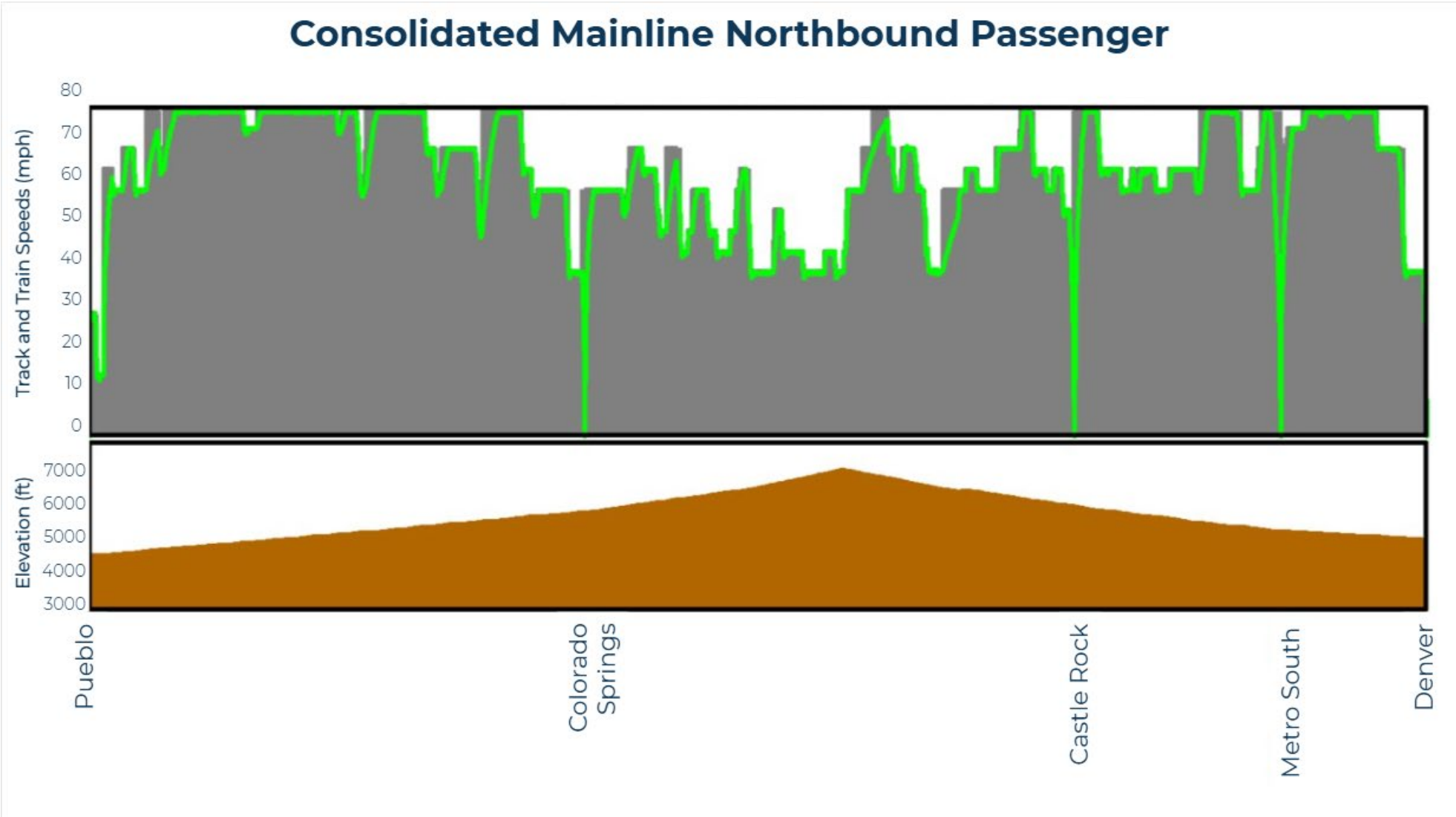
➡ Time Commitments

- Workshops #1 and #2 - full days
- Workshops #3 and #4 – half days

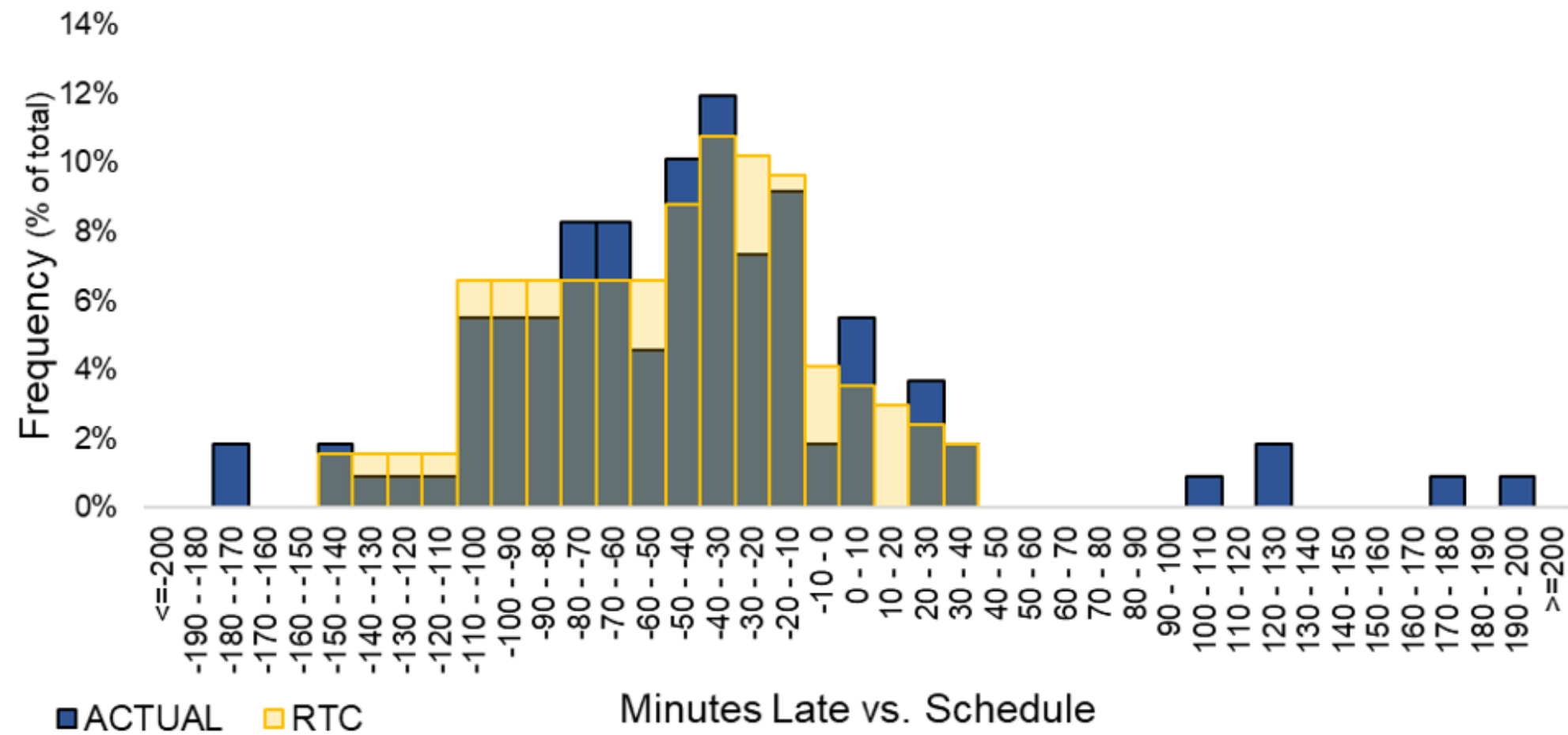
➡ Workshop Documentation

- Meeting Attendees
- Agenda topics with any action items
- Any approved materials for public distribution

Example of Inputs

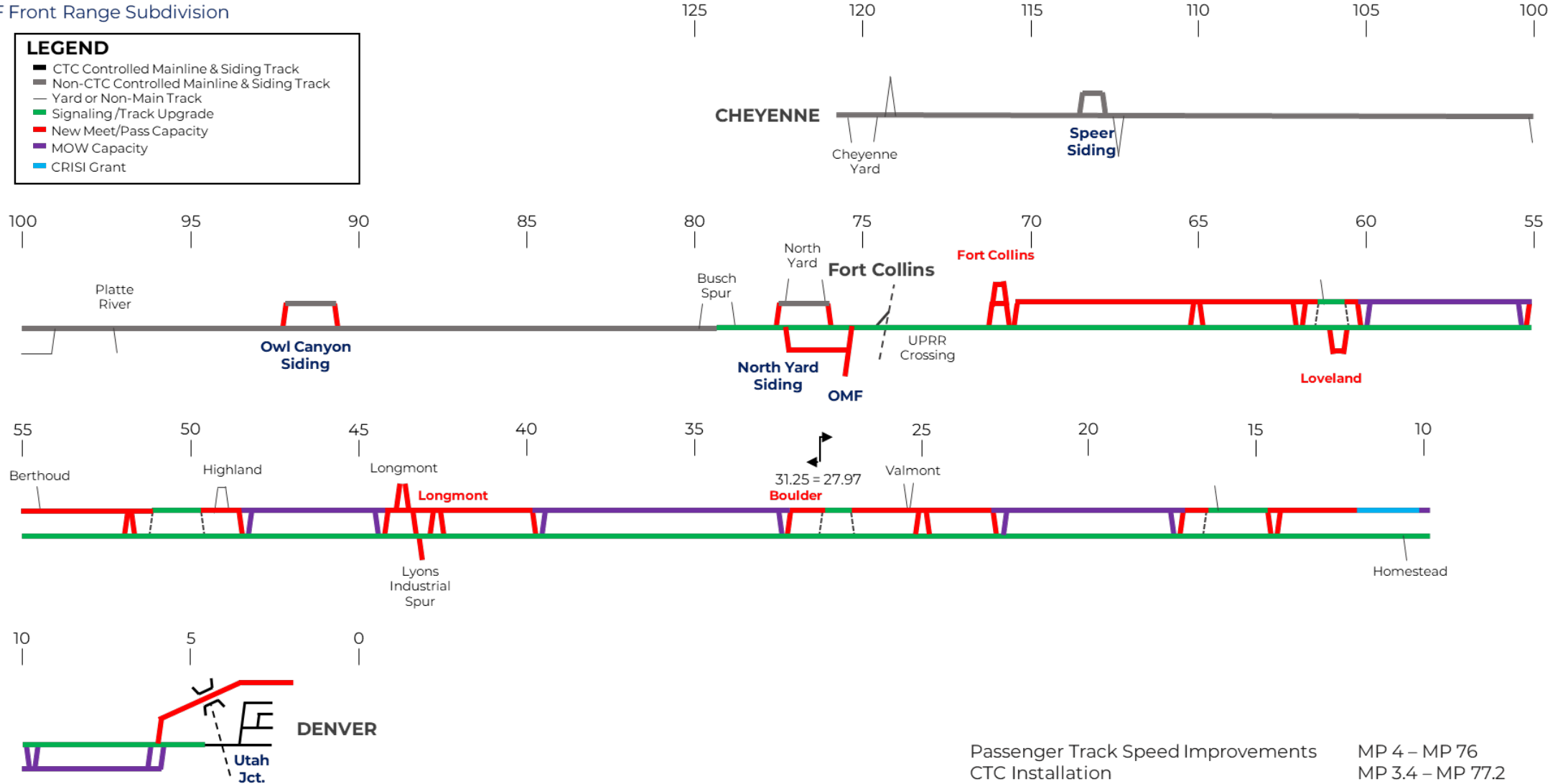


Example of Inputs

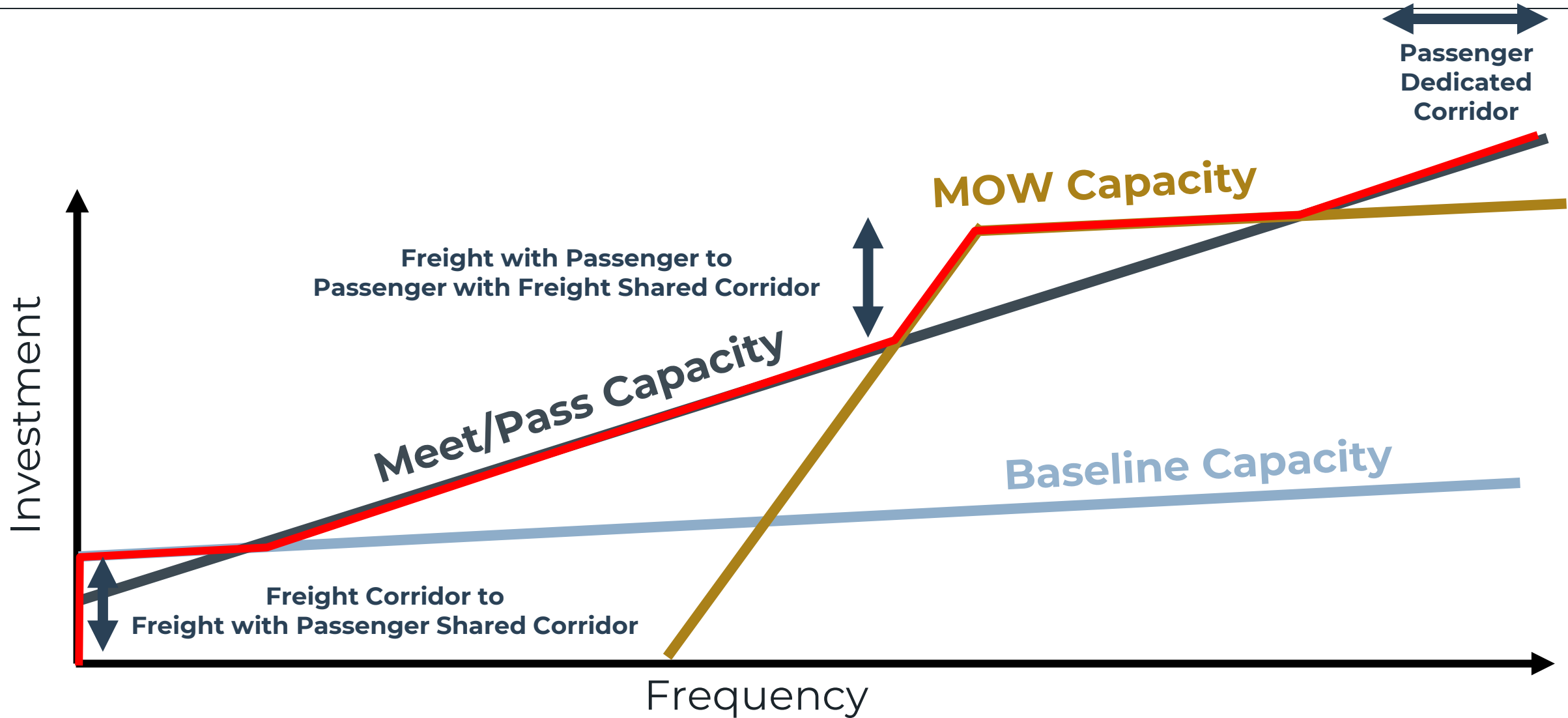


Example of Proposed Investments

BNSF Front Range Subdivision



Different Investment Requirements by Frequency



Lessons Learned

- ➔ Build trust and relationships
- ➔ Create Momentum
 - Perform the work while all stakeholders are focused on the analysis
 - 6 to 9-month timeline for analysis
- ➔ Define and agree on assumptions for operations analysis
- ➔ Focus on Workshop Agendas
 - Outline workshop objectives
 - Promote conversation and discussion with all stakeholders
 - Bring all stakeholders along
- ➔ Review timelines
- ➔ Presentation of analysis outputs matters



Thank You!

RideTheFrontRange.com

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