



Northglenn City Council Meeting

May 22, 2018

N Line

- 18.5 miles, 13 under construction
- Electrified commuter rail
- 8 stations, 6 under construction
- Frequency
 - 20-minute peak
 - 30-minute off-peak
- 27 minutes — Union Station to Eastlake•124th
- Single track with multiple passing tracks
- Serves Denver, Commerce City, Thornton, Northglenn, Adams County



N Line - Background

- N Line funded from DUS to 124th with completion to Highway 7 as funds become available
- RTD awarded Regional Rail Partners (RRP) a contract in December 2013 to design and build
 - Denver Union Station to Eastlake-124th Station
- Substantial completion of construction and integrated testing contractually scheduled for 2018
 - Planned opening scheduled in 2018
- RRP provided RTD with a design and construction outline that contains sequencing and other timeline conflicts, resulting in construction impacts to the overall schedule

N Line - Background

- RTD's role in a design-build project is to provide oversight regarding
 - Monitoring slippage in construction schedule
 - Monitor the quality of work and point out any construction issues that need to be corrected (quality control)
 - Contractually, RTD cannot micromanage RRP and direct how to achieve the agreed-to-milestones
- Contractually, RRP is responsible for managing their design and construction schedule and quality of the work

N Line – Moving forward

- In a design-build contract, RTD cannot formally direct RRP on the means and methods of completing the project without exposing itself to change orders (i.e. risk)
- RTD is working with RRP to determine a timeframe for project completion
 - Determining steps to develop new schedule
 - Providing greater level of guidance to RRP on how to best deliver a new schedule
 - Continue quality control measures without micromanaging
 - Holding RRP accountable for their contractual responsibilities

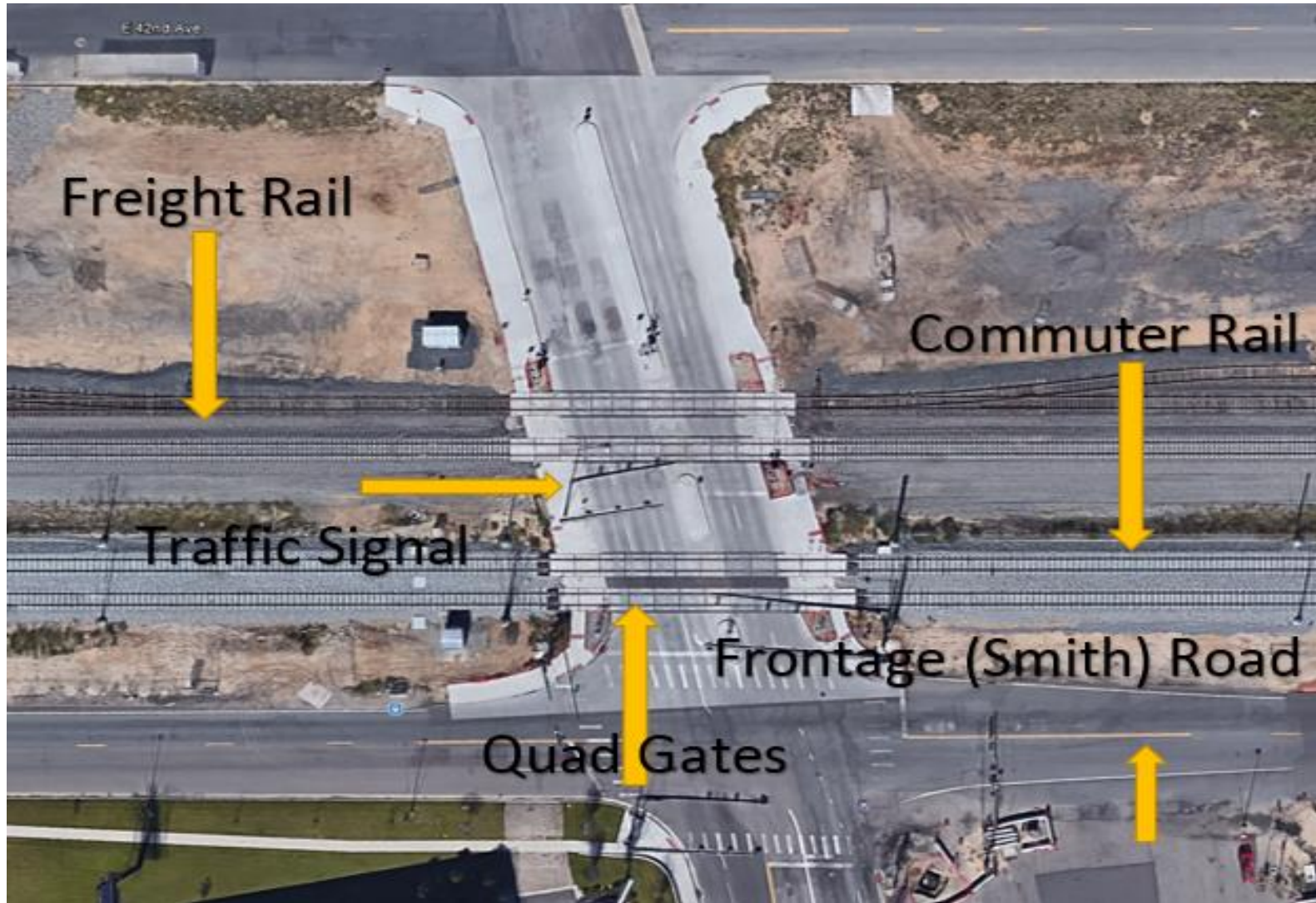
N Line – Moving forward

- Design and construction impacts effecting the overall schedule for N Line are not directly related to the waiver extensions of the University of Colorado A Line and B Line
- Operational systems on the University of Colorado A Line (as well as the B and G Lines) will operate the N Line
 - RTD staff is committed to identifying lessons learned and are implementing them on N Line

N Line – differences from EAGLE project

- Lessons learned
- No quad gates
- Do not have adjacent freight lines, except in Denver
- Do not have as complex roadway geometry and associated traffic signals as EAGLE project

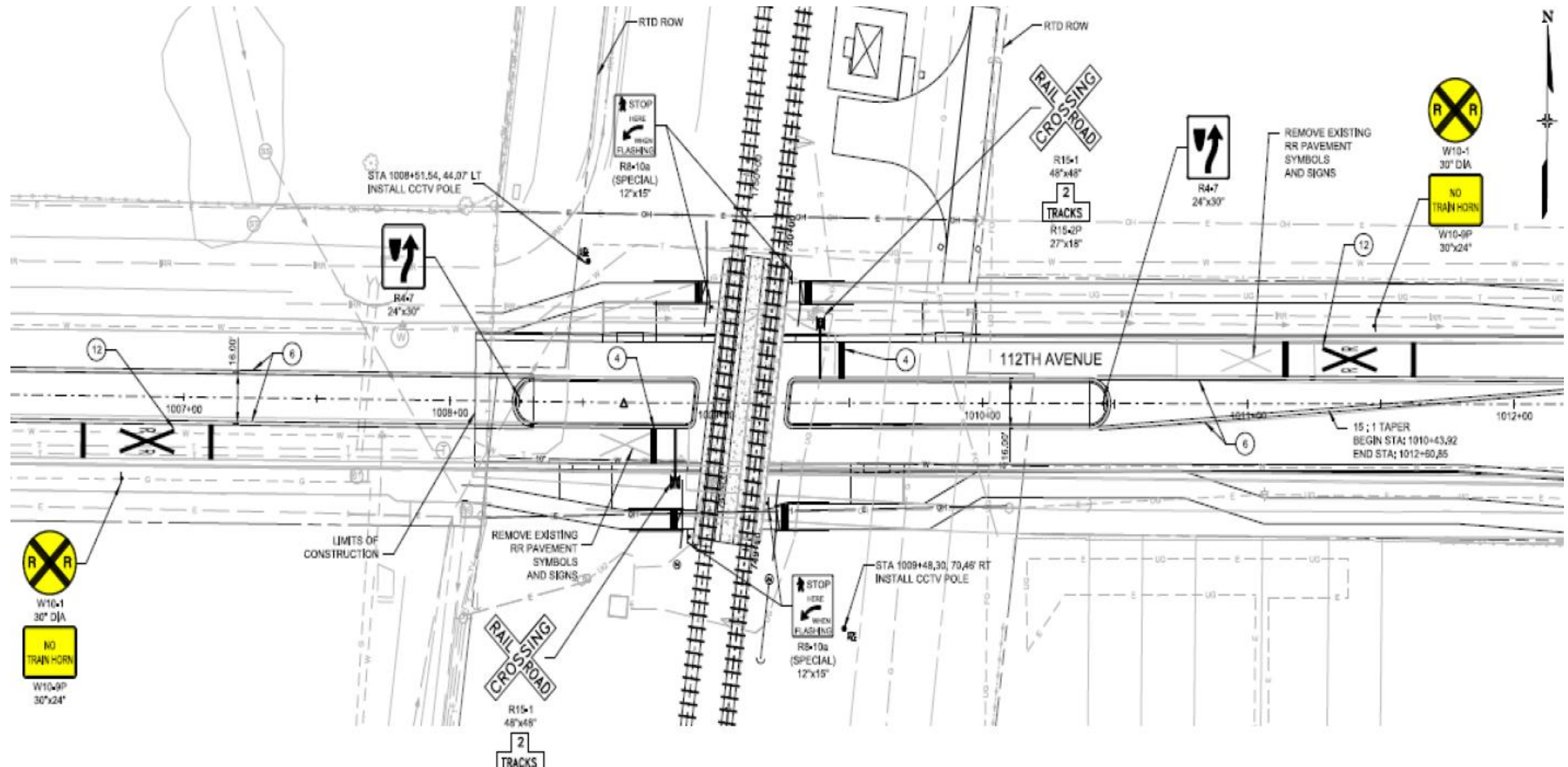
University of Colo. A Line – Monaco crossing



University of Colo. A Line – Monaco crossing



N Line – 112th Avenue Crossing



N Line – 112th Avenue Crossing



N Line – Construction Progress Eastlake-124th Station



N Line – Construction Progress

120th Ave. Bridge looking south to 112th Ave.



N Line – Construction Progress

Looking north from Northglenn-112th Station



N Line – Construction Progress Northglenn-112th Station

December 2016



March 2017



N Line – Construction Progress

Northglenn-112th Station: skeleton track and guideway fencing

May 2017



N Line – Construction Progress Grange Hall



N Line – Construction Progress 104th Ave. Bridge

January 2017



February 2017



March 2017



Contact Info

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Construction Questions:

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