

COMMUTER RAIL MAINTENANCE FACILITY (CRMF)

DENVER, CO

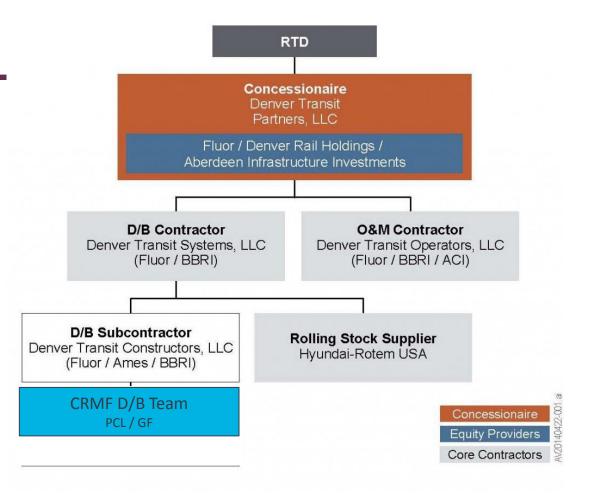








- P3 Public Private Partnership
- DBFMO Design Build Finance Maintain and Operation
- 34 Year Contract



- Total Contract \$66,000,000
 - Includes appx \$14M in Equipment
- 230,000 sf Main Shop and Standalone Train Wash Building
- LEED Silver Achieved Gold
- Awarded AGC's Best Building Project in the \$40-70M Range
- USGBC Innovative Project of the Year – Central PA



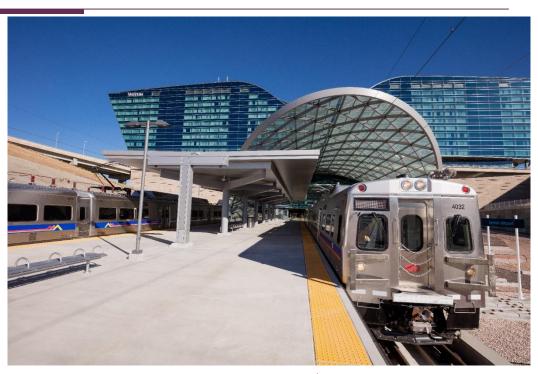


- 6 Tracks
 - 3 Daily Servicing (Electrified)
 - 1 Periodic Inspection
 - 1 Wheel Truing
 - 1 Component Changeout
- Component Shops
 - Air Brake
 - Compressor
 - Battery
 - HVAC
 - Pantograph
 - Electronics
- OCC
- MofW Workshop
- Storeroom
- Welfare and office spaces



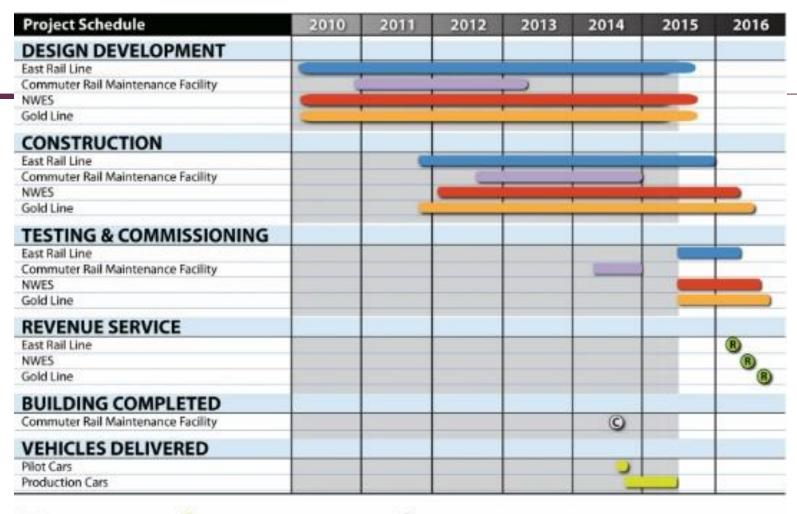


- 2004 RTD's 2004 Voter Approved FasTracks Plan
- 2009 RTD Advertises Eagle P3
- 2010 RTD Selects DTP
- CRMF Design Start: May 2011
- CRMF Construction Start October 2012
- CRMF Completion: September 2014
- 2014 December, First 4 Cars Arrive
- 2016 Project Opens

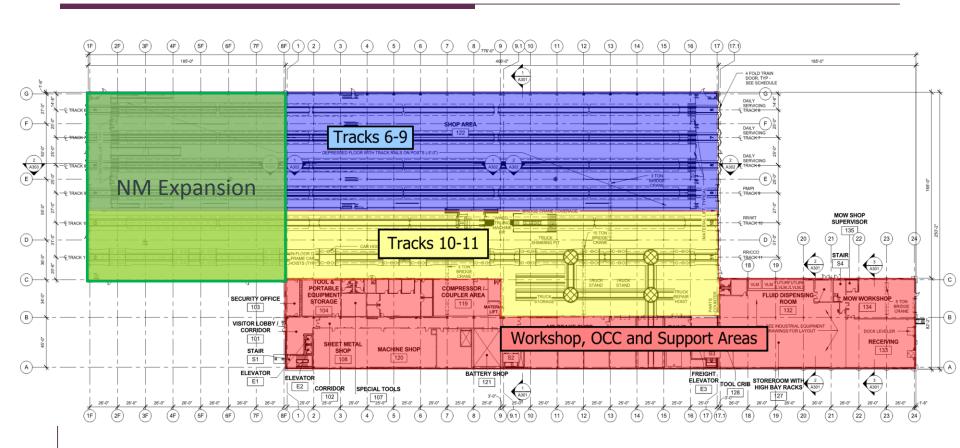






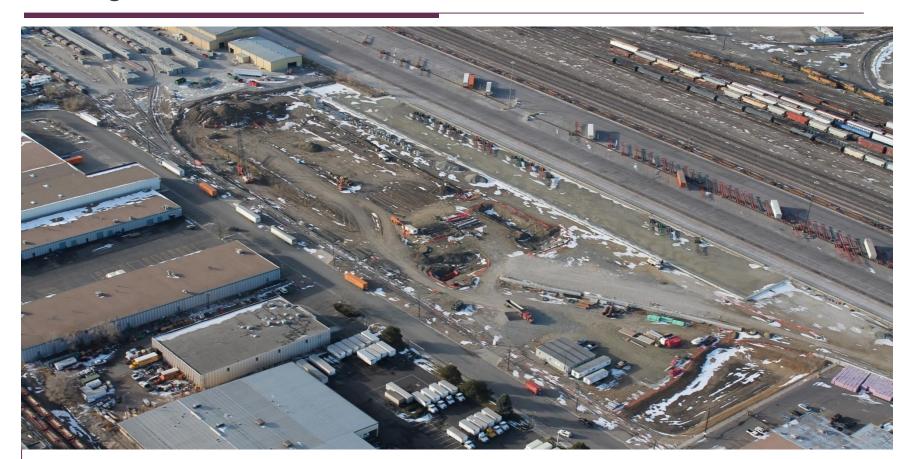


Building Layout

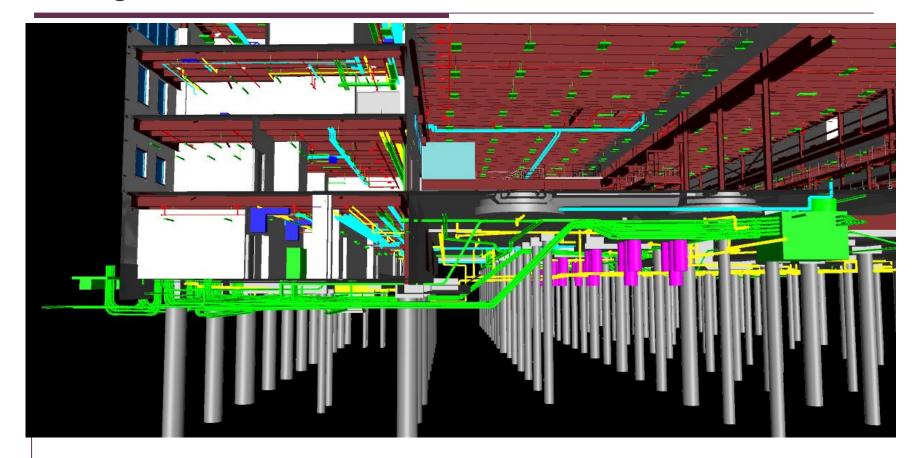






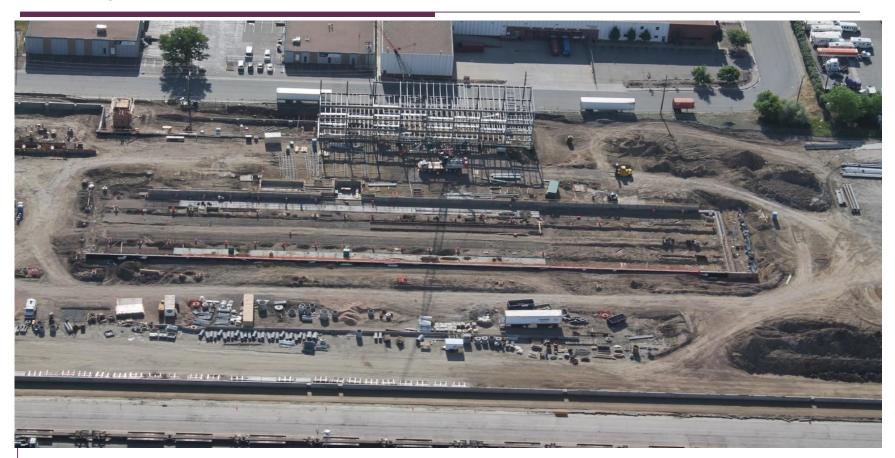


Underground and Foundations

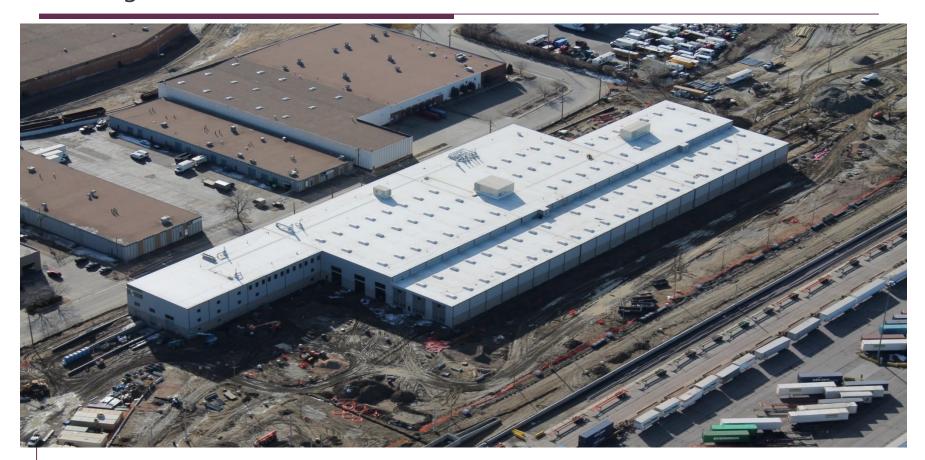


Underground and Foundations

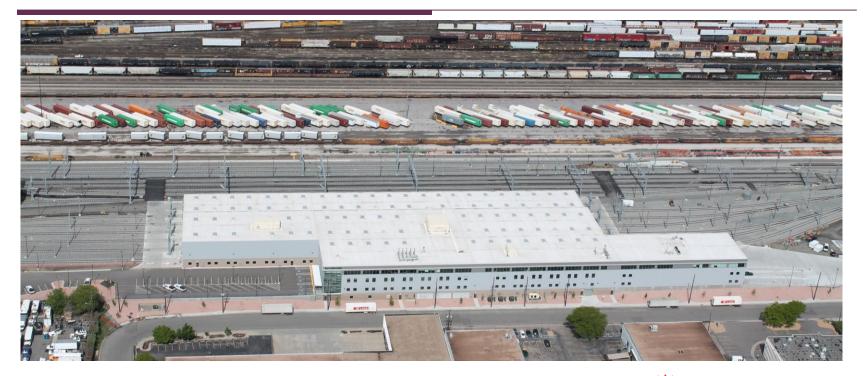






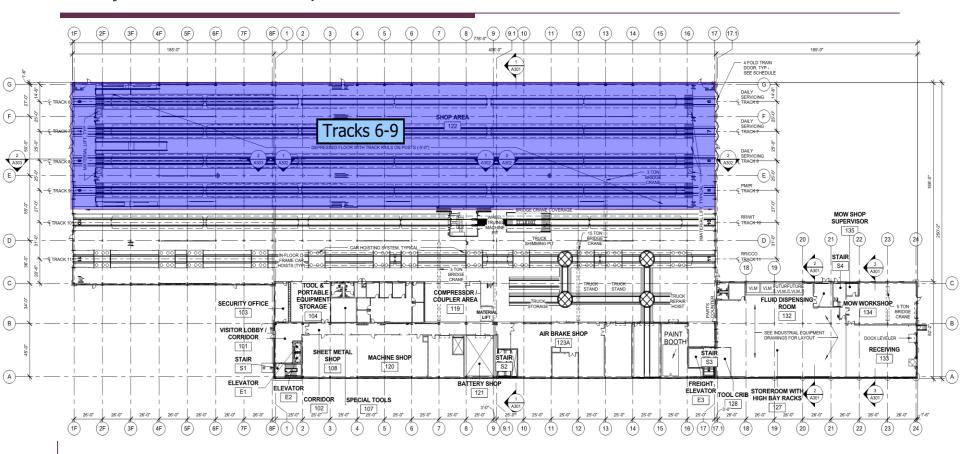


Completed Site

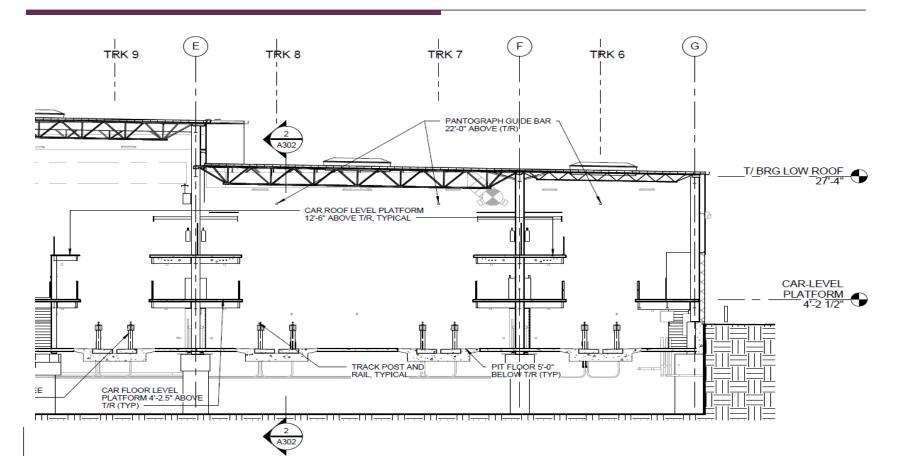




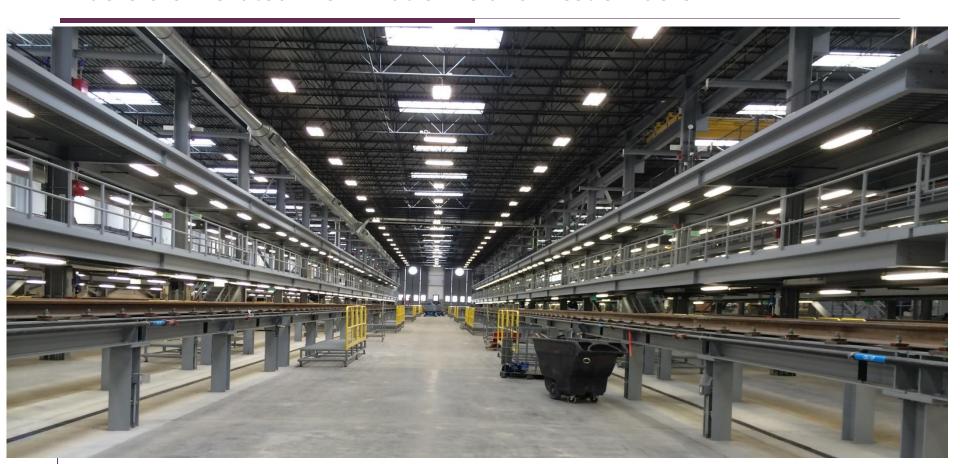
Daily Service and Inspection Tracks



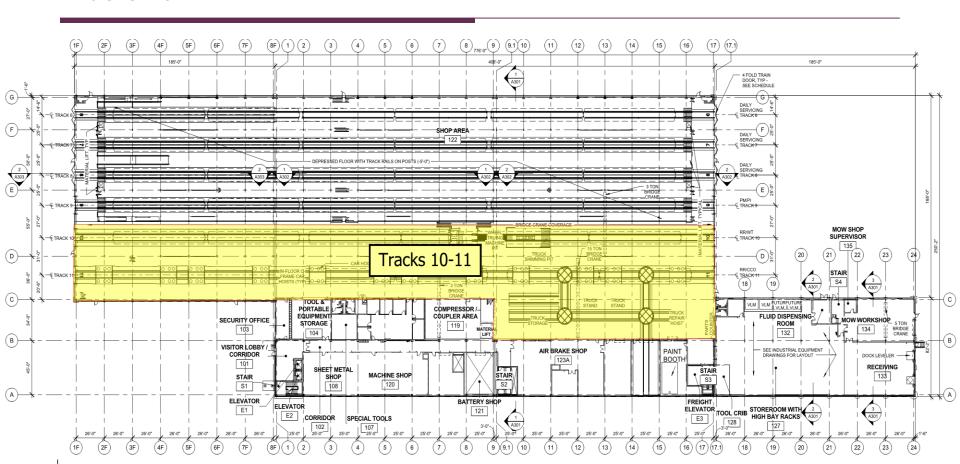
Daily Service and Inspection Tracks

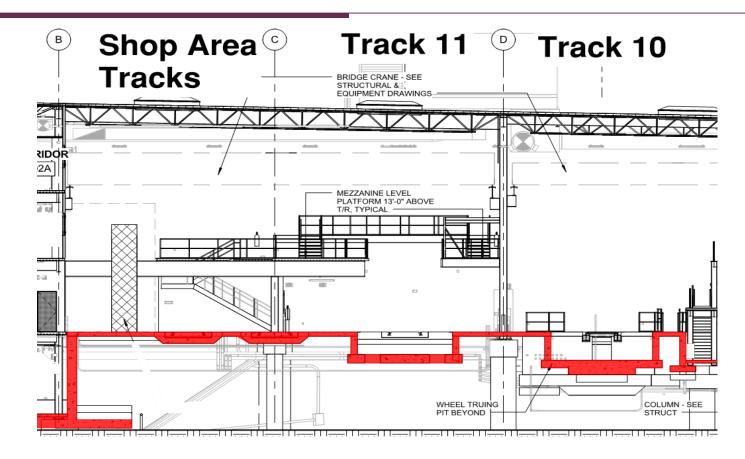


Tracks 6-9 Elevated Work Platforms and Trestle Tracks

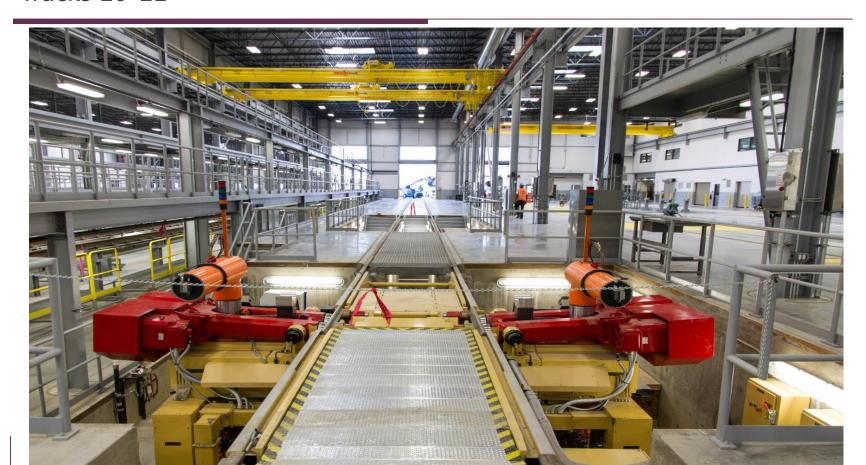


Tracks 10-11

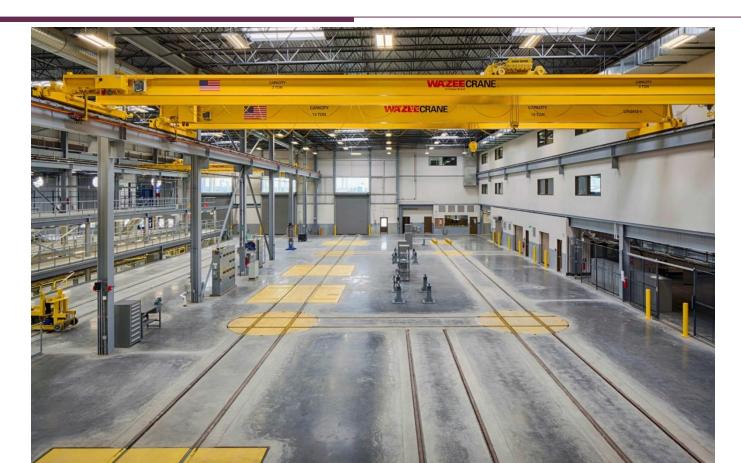




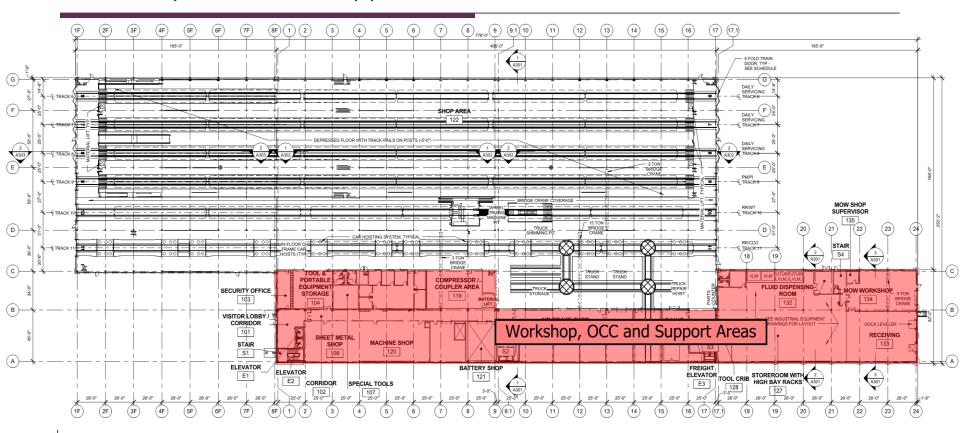
Tracks 10-11



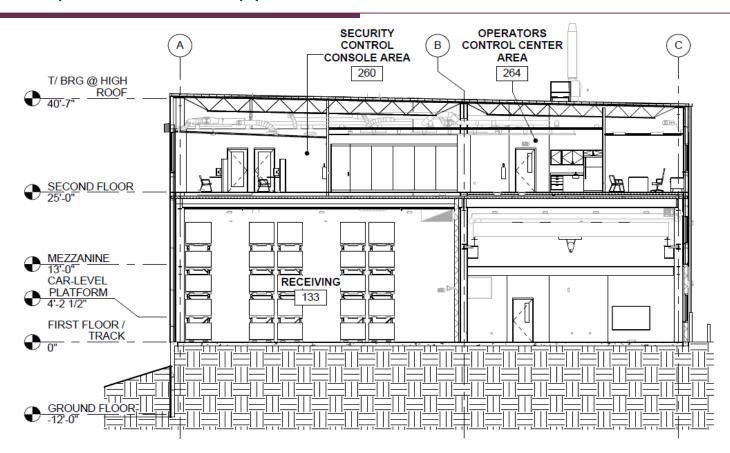
Tracks 10-11



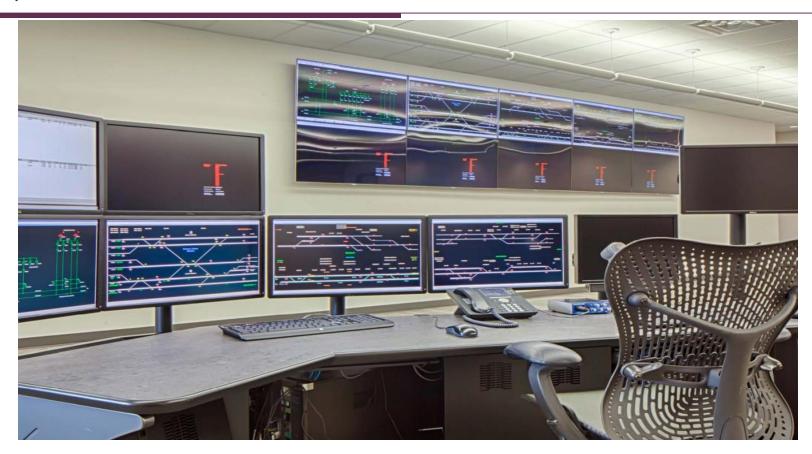
Workshops, OCC and Support Areas



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Operational Control Center



Funding

- P3 Public Private Partnership
- DBFMO Design Build Finance Maintain and Operation



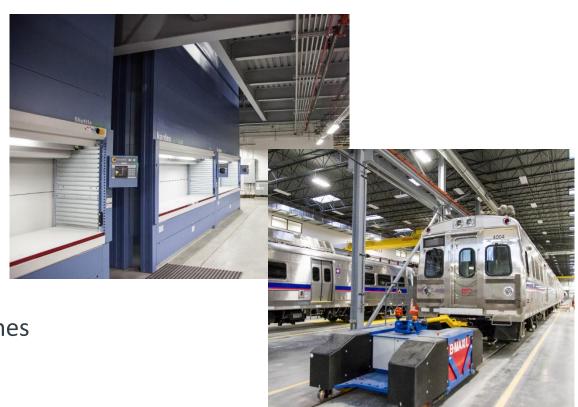
FTA – Federal Funding

- FTA Buy America (CFR 49 Part 661)
- Disadvantaged Business Enterprise Requirements – 20%



Funding

- FTA Buy America (CFR 49 Part 661)
 - Compliance
 - Rolling Stock
 - Steel
 - Waivers
 - Premiums and Lead Times



THANK YOU





