

UTA Rail System

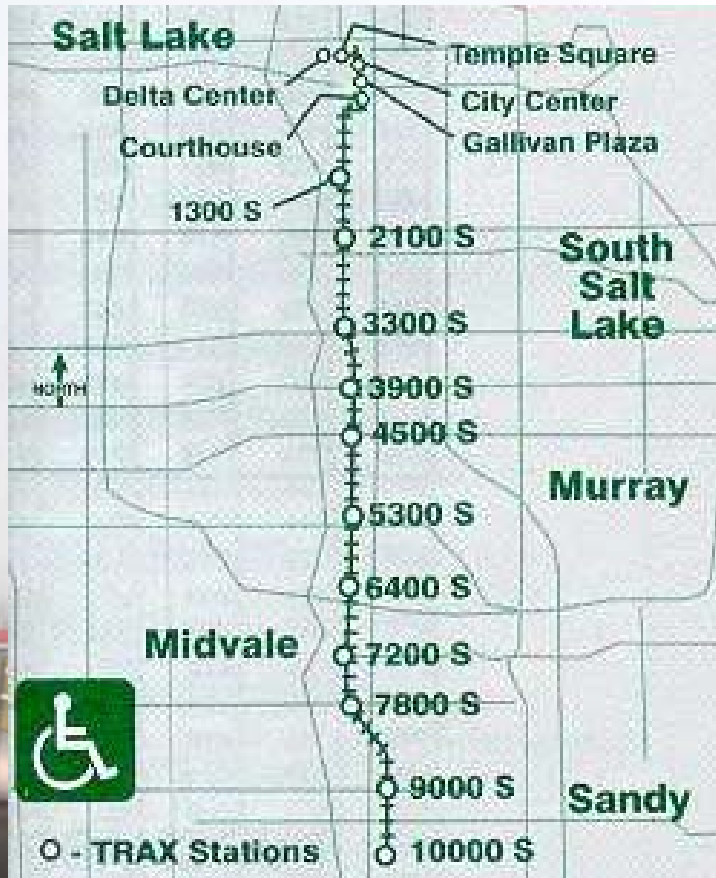


Utah's First Light Rail Project



Facts:

- 15 miles
- 3 miles new rail through C.B.D.
- 16 stations
- 23 vehicles
- Cost \$312 million
- Construction started in 1996
- Opened December 4, 1999- one year ahead of schedule
- Projected ridership: 15,000/day
- Actual ridership: 19,500/day



The Second Line: University

- Connecting North South Line to University of Utah
- Opened Dec. 15, 2001, opened ahead of schedule and under budget
- Opened in time for use during 2002 Winter Olympics
- 2.3 miles
- \$118.5 million
- Four Stations
- 10 Vehicles



Medical Center Extension Project Summary

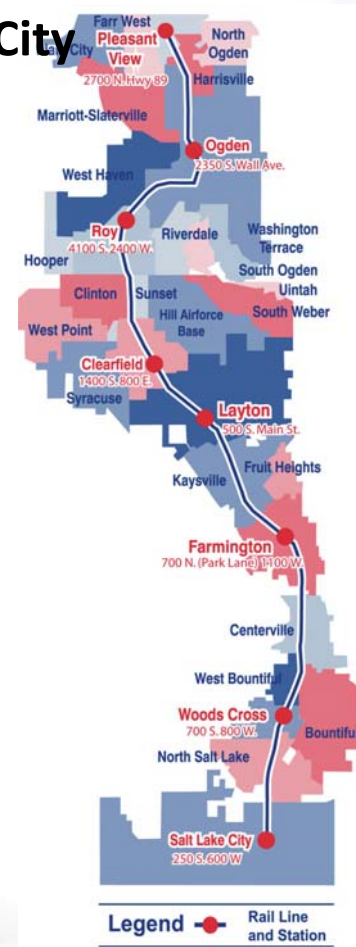
- Cost- \$89.4 million
- 3 Stations
- 7 Vehicles
- 450,000 Yearly Outpatient Visits, 9000 Employees, 16,000 Patient Admissions
- Estimated Ridership is 2,400 in Opening Year and 4,200 in 2020



FrontRunner North

Commuter Rail – Weber County to Salt Lake City

- Revenue Service – April 26, 2008
- 43 miles with 8 Stations
- Completed ahead of schedule
- Under budget
- Daily Ridership

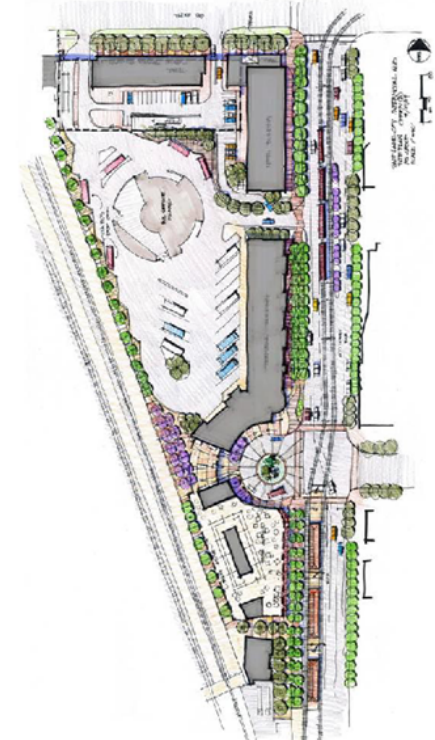
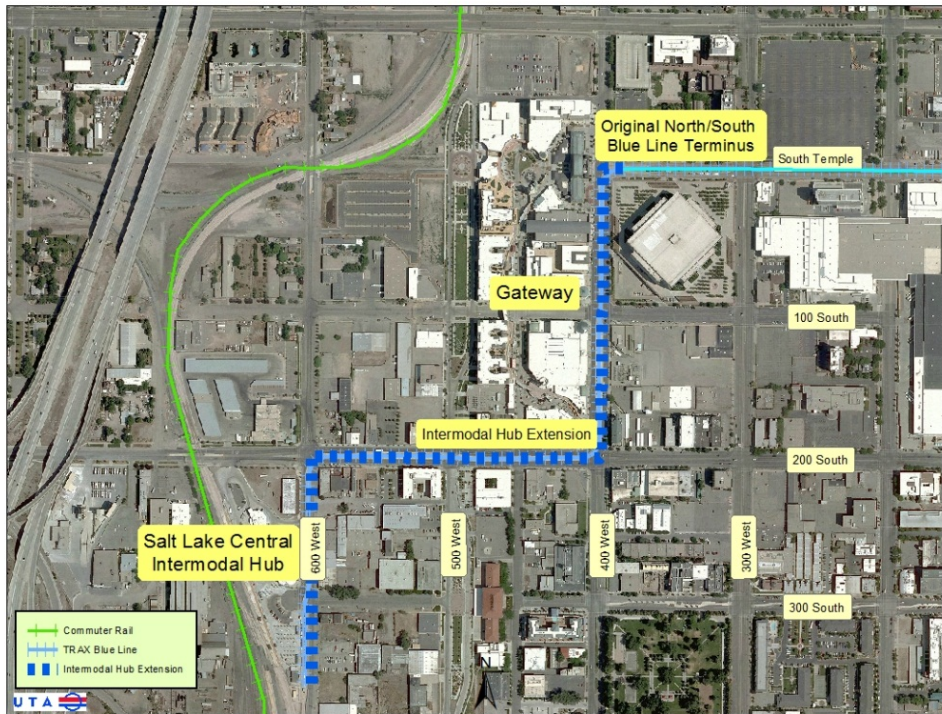


TRAX Extension to Salt Lake Central

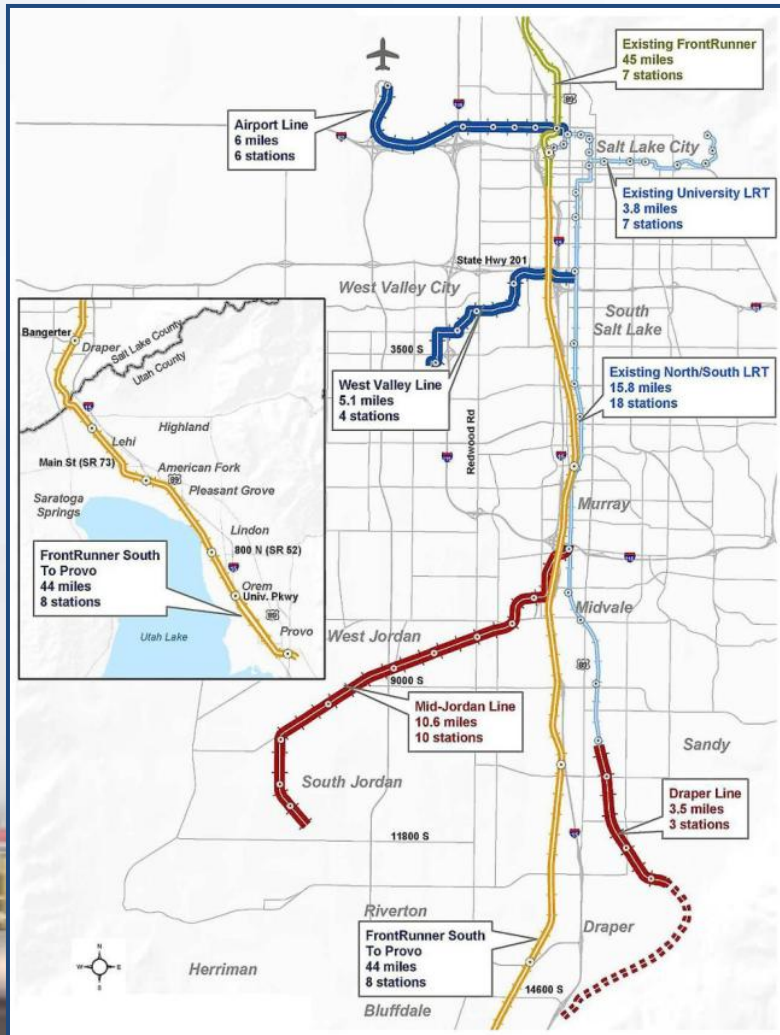
1 mile connection
to FrontRunner at
Intermodal Hub (April 26, 2008)



Gateway Intermodal Hub



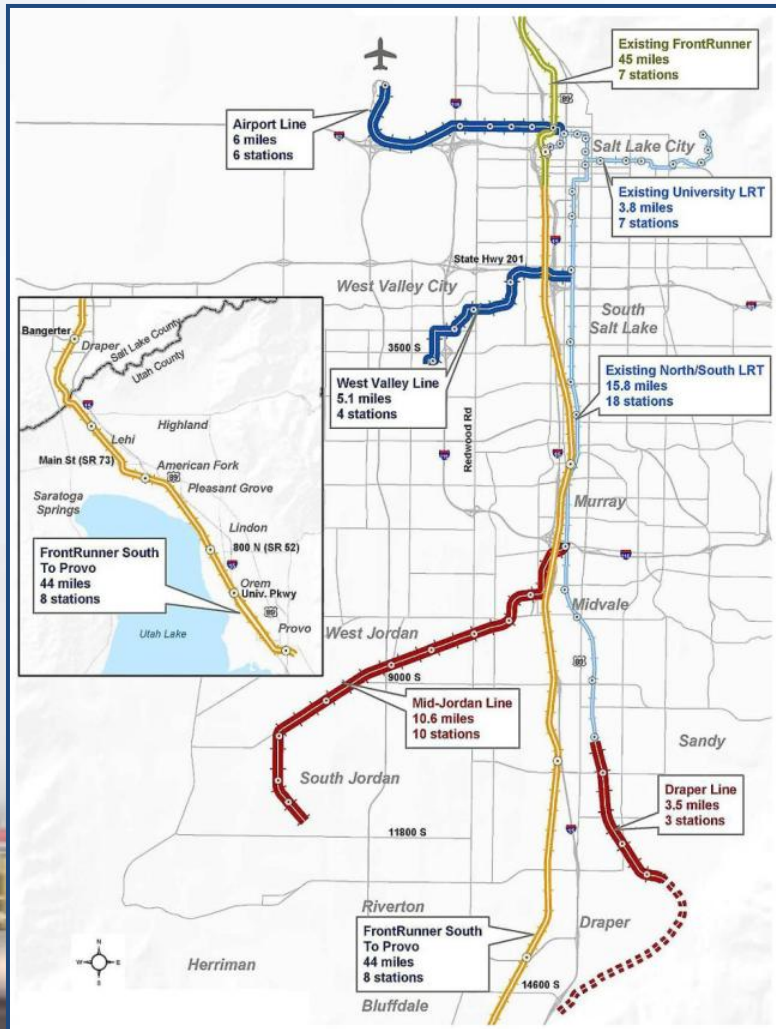
FRONTLINES 2015



- Largest project in UTA's history
- Building 70 miles of rail in 7 years
- \$2.8 Billion
- 1 project – 5 lines
 - Mid-Jordan TRAX – opened August 7th, 2011
 - West Valley TRAX – opened August 7th, 2011
 - FrontRunner South – opened December 10th, 2012
 - Airport TRAX – opened April 14th, 2013
 - Draper TRAX – opened August 18th, 2013

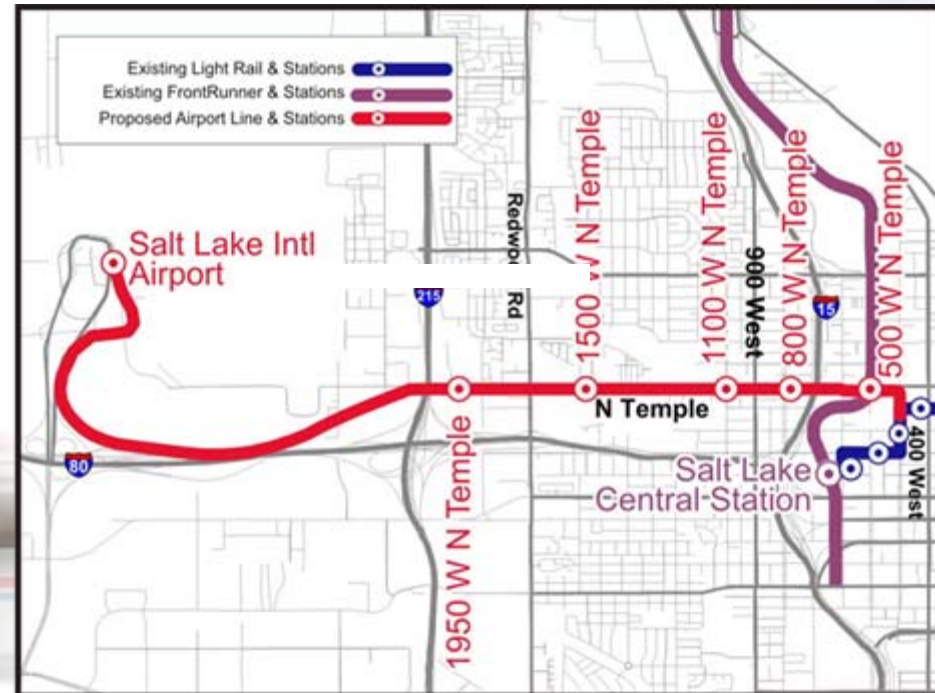
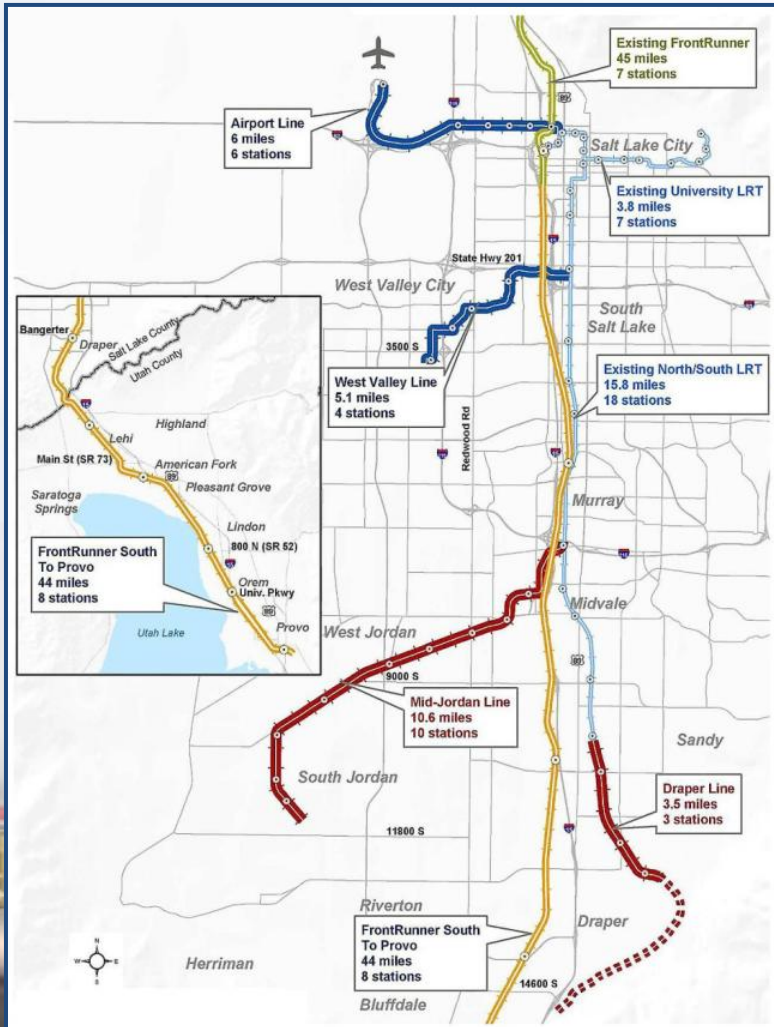
West Valley TRAX Extension

- Opened August 2011
- 5.1 mile extension off Main North/South Line
- 4 additional Stations
- Now part of the “Green Line”
- Green Line runs from West Valley City Hub to Salt Lake International Airport- 15 miles long
- 18 total stations



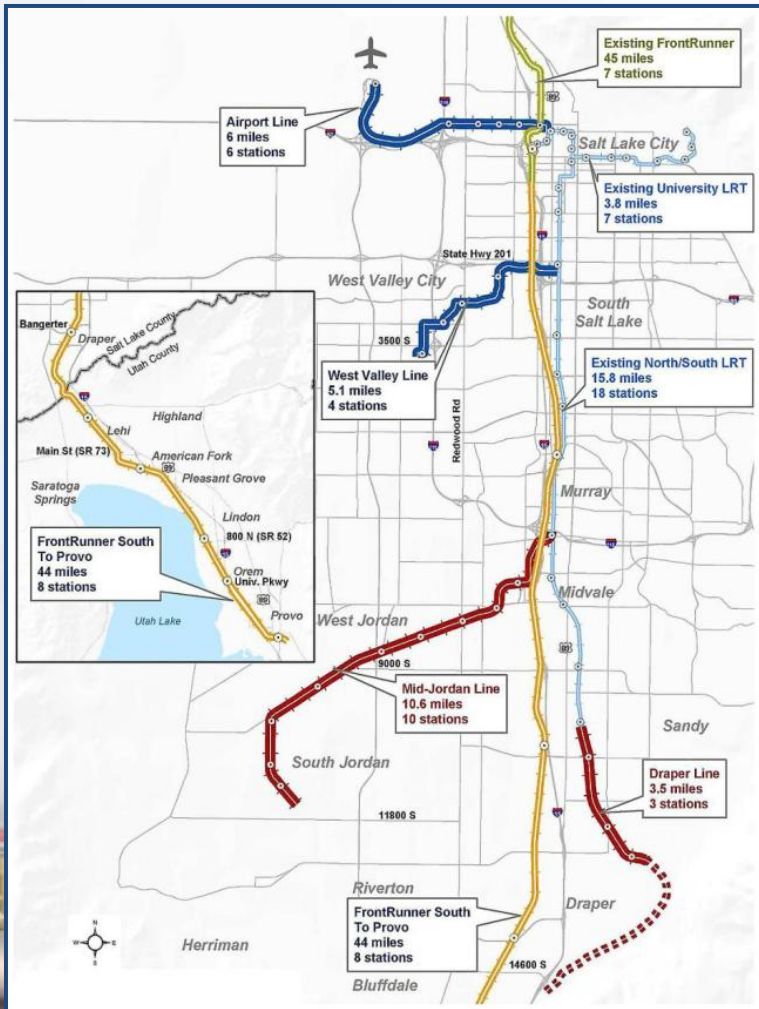
Airport TRAX Extension

- Opened April 2013
- 6 mile extension off Main North/South Line
- 6 additional Stations
- Now part of the “Green Line”
- Green Line runs from West Valley City Hub to Salt Lake International Airport- 15 miles long
- 18 total stations



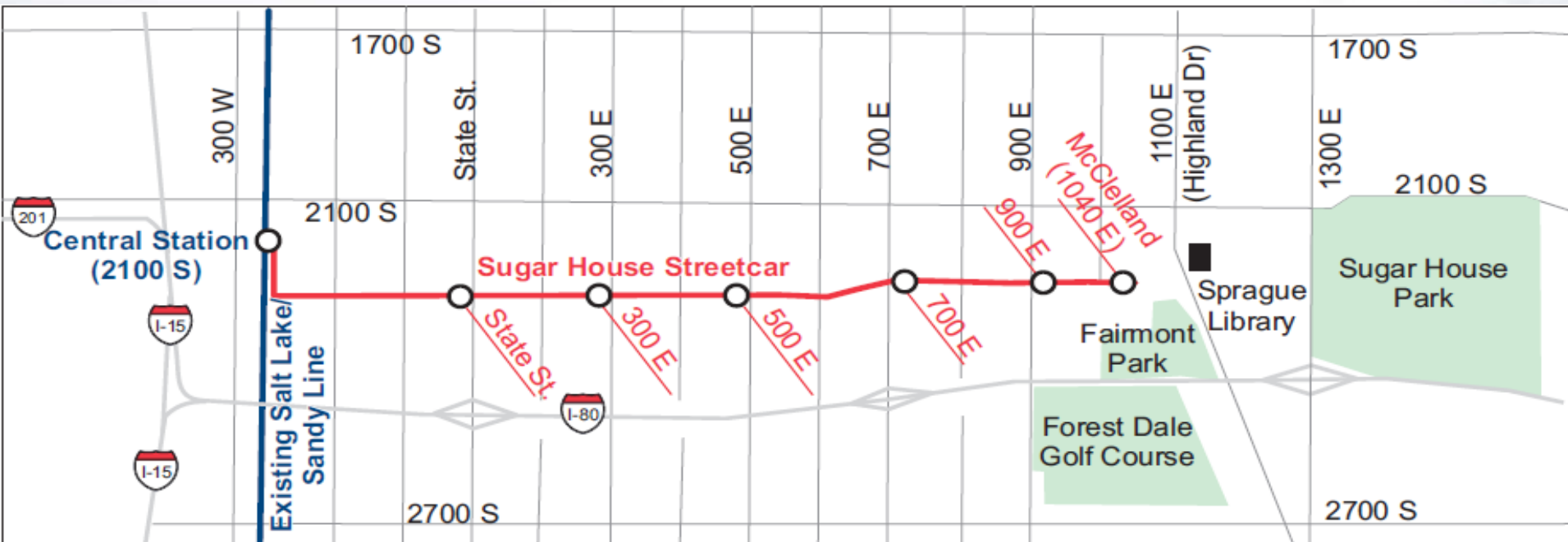
Draper TRAX Extension

- Opened August 18, 2013
- 3.7 mile extension south of Main North/South Line
- 3 additional Stations
- Will be part of the “Blue Line”
- Blue Line runs from downtown Salt Lake City to Draper- 19.3 miles long
- 24 total stations



Sugar House Streetcar

- \$55.5 million project
- UTA providing right-of-way and vehicles - \$18.3 million
- Projected Ridership 2,000/day
- First streetcar project in SLC
- Will promote development along corridor
- Shared corridor with "Greenway"
- 2 mile line
- 7 stations
- Using 3 S70 Vehicles modified for streetcar
- Partners with Salt Lake City and South Salt Lake City
- Opened December 2013





Maintenance Of Way

- The First line to open in 1999 was under FRA oversight.
- Temporal separation of freight and light rail operations
- The Maintenance of Way group was developed with FRA regulation in mind.



Infrastructure

- 50 Substations 1.5 megawatt
- 100 miles of catenary fixed and constant tension
- 132 Grade crossings with lights, bells and gates
- 282 Powered switches M23, 5F,CTS2 and Hanning and Kahl in track 61 and 100 types
- All Powered switches are heated (gas or electric forced air and rod)
- 73 Bridges and Box Culvert structures



Infrastructure

- 2 Light Rail Maintenance shops storage for 180 cars
- 1 Commuter Rail Maintenance shop storage for 80 coaches and locomotives.
- 2 Freight yards and 12 miles exclusive freight
- 115pd rail with concrete ties
- 20 miles of 133pd rail and concrete ties



MOW Operation

- Mow staff are on site 24hrs per day seven days a week.
- Divided into three departments (Rail Facilities Right of Way Assets, Rail Systems)
- Both commuter and light rail lines are supported by one MOW organization.
- 117 total staff members in group.





Thank You

- Questions?

