

# Alternative C - 4500 South Rail



## 4500 South – SLCC

### Key considerations:

- Most direct route, with fastest travel time to serve Salt Lake Community College
- Challenge at the I-15 interchange to keep exclusive lanes
- Potential to serve the Fireclay Development, which is a transit-oriented development
- Few ridership generators between the TRAX station and Sorenson Research Park
- Rail may be more difficult to construct at I-15 interchange



### Mode: Rail

A rail alternative could consist of either a light rail or streetcar type vehicle, in its own lane, in the center of 4500 South. At this stage of the study, no distinction is being made between the vehicle type, rather the operational characteristics are considered most important.



	Alternative A 3900 South	Alternative B 4500 South (BRT)	Alternative C 4500 South (LRT)	Alternative D Murray Blvd
<b>How many people will ride it?</b>	Medium 3,900 - 4,900	Low 2,500 - 3,500	High 4,900 - 5,900	Medium 3,300 - 4,300
<b>Will more people use transit because of the new route?</b>	Medium	Low	Low	High
<b>How many people get on/off at TRAX?</b>	1,500 - 1,900	1,000 - 1,400	2,400 - 2,800	1,300 - 1,700
<b>How long does the route take?</b>	9 minutes	8 minutes	9.5 minutes	11 minutes
<b>What is an estimate of the cost (in millions)?</b>	\$38 - \$48	\$32 - \$42	\$134 - \$144	\$39 - \$49
<b>How will transit supportive land uses help?</b>	Medium 5 potential projects	Low 4 potential projects	Low 4 potential projects	High 6 potential projects, zoning
<b>How easy will it be to build? What are the constraints?</b>	Right of way constraints on 500 West UPRR and I 15 overpasses	Right of way constraints from Fireclay to 4500 South UPRR and TRAX underpasses I-15 interchange Congestion at interchange	Right of way constraints from Fireclay to 4500 South UPRR and TRAX underpasses I-15 interchange Less flexibility with rail at interchanges Congestion at interchange	Right of way constraints on Murray Blvd., on street parking At-grade TRAX and UPRR crossings Avoids underpasses and overpasses

Indicates a high performer in each category