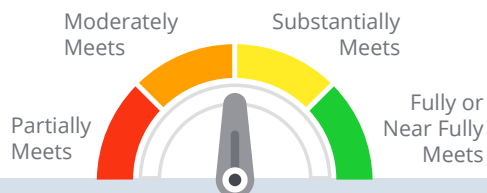




COFFMAN STREET BUSWAY PROJECT



Center-Running
Transit

Side-Running
Transit

Side-Running Hybrid
(Mixed-Traffic) Transit

SAFETY

Meets safety standards and design criteria (AASHTO, NACTO, City Standards)



MODAL CONSIDERATIONS

Transit - Provides dedicated transit-only lanes throughout corridor

- » Minimizes shared lane use
- » Minimizes transit and vehicle conflict points
- » Transit travel times through corridor



Pedestrians and Bikes - Enhancing pedestrian and bike user experience

- » Provides dedicated/separated bike lanes (minimizes length of bike lane at roadway grade)
- » Maximizes pedestrian access width (exceeds City standard)
- » Minimizes pedestrian and bicycle conflict points with bicycles/cars/buses
- » Maximizes buffer width/separation between modes (especially transit to peds/bikes)
- » Provides safe and comfortable access to/from and within transit station area



Local Circulation Automobile Traffic - Provides left turn access at driveways and intersections

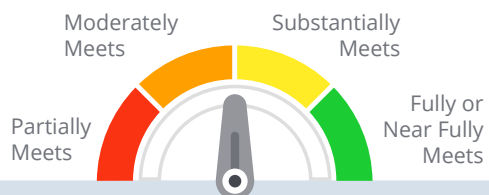
- » Minimizes potential for traffic circulation through adjacent neighborhood



North/South Through Automobile Traffic - Maintains capacity for general purpose traffic

- » Does not significantly degrade existing LOS
- » Minimizes travel time impacts





Center-Running Transit

Side-Running Transit

Side-Running Hybrid (Mixed-Traffic) Transit

COMMUNITY CHARACTER

Preserves and enhances the community character and context

- » Minimizes impact to private property improvements
- » Balances scale of street to surrounding environment
- » Quality of life, walkability
- » Provides ample opportunity for streetscape/urban design features
- » Maximizes area for soft landscape, stormwater facilities



Minimizes removal of existing healthy, mature trees



Economic Vitality (supports local businesses)

- » Opportunities for placemaking
- » Transit station locations for ease of access to/from businesses
- » Business access and parking



Parking - Maximizes on-street parallel parking

- » Minimize parking loss



COSTS AND MAINTENANCE

Provides easily maintainable infrastructure

- » Compatible with Longmont maintenance equipment/activities
- » Selection of materials for ease of maintenance



Minimizes construction cost

- » Ease of constructability
- » Minimizes re-construction of existing improvements
- » Minimizes utility impacts
- » Avoids right-of-way acquisition (private property)



LEADS IN MOST CATEGORIES

