

Manitou Avenue Interchange to **Ridge Road Intersection**

The section of roadway from the Manitou interchange to the Ridge Road intersection is mountainous with steep vertical grades, rock fall zones and areas of inadequate sight distance.

The ramps for the Manitou interchange have short acceleration lanes and extremely tight curves.

The Ridge Road intersection is unsignalized with no pedestrian crossings. However, with lower traffic volumes than the east end of the corridor, there are fewer delays and good roadway capacity for current volumes.

Significant elements contributing to the conditions of this segment are;

- Vertical Alignment
- Sight Distance
- Rock Fall
- Ramp Design
- Clear Zone





Ridge Road Intersection to 21st Street Intersection

The section of roadway between the Ridge Road intersection and the 21st Street intersection has long swooping curves and a good roadway section.

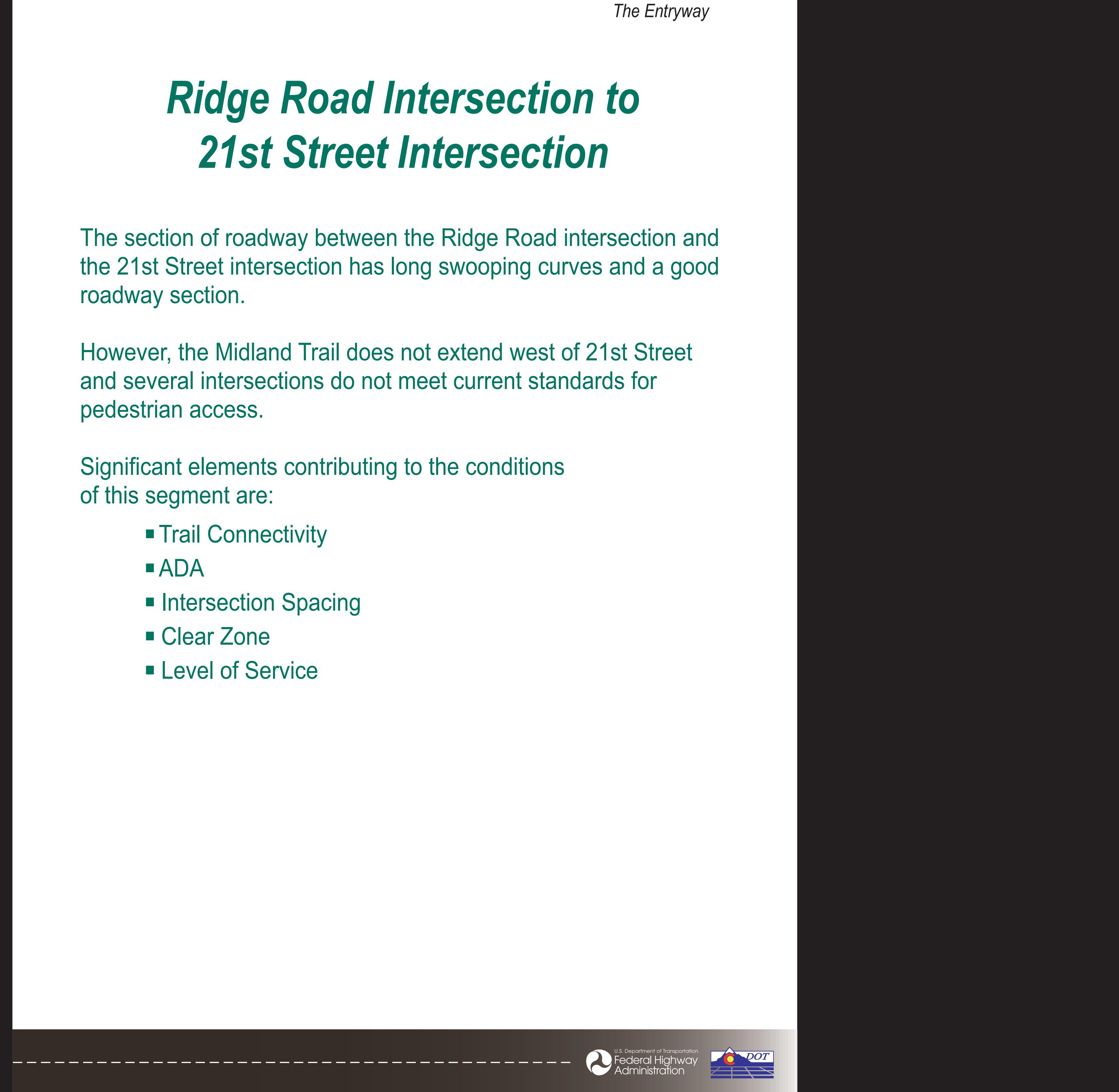
However, the Midland Trail does not extend west of 21st Street and several intersections do not meet current standards for pedestrian access.

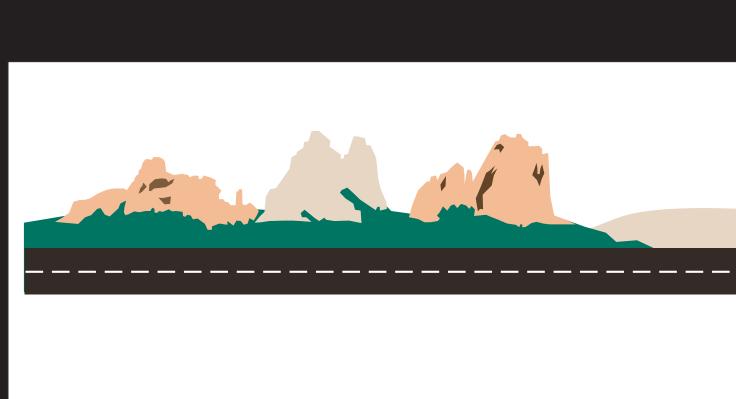
Significant elements contributing to the conditions of this segment are:

- Trail Connectivity
- ADA
- Intersection Spacing
- Clear Zone Level of Service

See Chart of Existing Conditions.pdf







21st Street to I-25 Interchange

The section of roadway from the 21st Street intersection to the I-25 interchange experiences the highest traffic volumes and poor horizontal geometry resulting in the highest accident rates within the study limits.

The vertical grades in this section are very flat resulting in potential drainage problems. Both the 21st Street and the 8th Street intersections have long delays.

The I-25 northbound on-ramp is steep with too short of an acceleration length.

Significant elements contributing to the conditions of this segment are:

- Safety
- Ramp Design
- Intersection Geometry
- Intersection Spacing

Technical Chart of Existing Conditions -

Envision 24 West The Entryway

Horizontal Geometry

Level of Service