



WEST OF STEAMBOAT SPRINGS

US HIGHWAY 40 - NEPA STUDY

ELEMENTS CONSIDERED AND EVALUATED IN THE PREFERRED ALTERNATIVE SCREENING

The following types of transportation alternatives were considered for the West US Highway 40 NEPA study for evaluation. The recommended Preferred Alternative is a combination of these separate elements.

CROSS-SECTION ALTERNATIVES

The roadway cross-sections combine the following elements

- Number of travel lanes – based on capacity and traffic demand needs
- Type of lane – General Purpose (open to all traffic) or Managed (High-Occupancy Vehicle, Toll, Transit-Only)
- Median treatment – Flush, Depressed, Raised, Barrier, etc.
- Shoulder treatment – Paved shoulder with ditch drainage or Curb and Gutter
- Bicycle/Pedestrian facility

INTERSECTION ALTERNATIVES

The intersection alternatives combine the following elements

- Traffic Control – Stop Sign, Signal, Roundabout, Grade Separation
- Additional Turn Lanes
- Access Control – to be consistent with the Access Control Plan

BUS TRANSIT ALTERNATIVES

The transit alternatives combine the following elements

- Enhanced bus service and amenities
- Capital Improvements

BICYCLE AND PEDESTRIAN ALTERNATIVES

The bicycle and pedestrian alternatives combine the following elements

- Separate and/or shared paths
- Bike Parking
- Underpasses or Overpasses
- Improved signing

TRAVEL DEMAND MANAGEMENT AND TRANSPORTATION SYSTEM MANAGEMENT STRATEGIES

In addition to the main roadway improvements, the following Transportation System Management (TSM) and Travel Demand Management (TDM) elements are included in the recommended Preferred Alternative:

TSM

- Traffic Signal optimization and coordination
- Improved signing and wayfinding
- Intersection re-configuration

TDM

- Transit, bicycle, and pedestrian improvements
- Transit queue jumps can be included at key signalized intersections to improve bus travel times and schedule reliability
- Bus stops are being considered with paved waiting areas behind curb, bus shelters with benches, street lighting, and passenger information

See the next boards for greater detail on these alternatives.