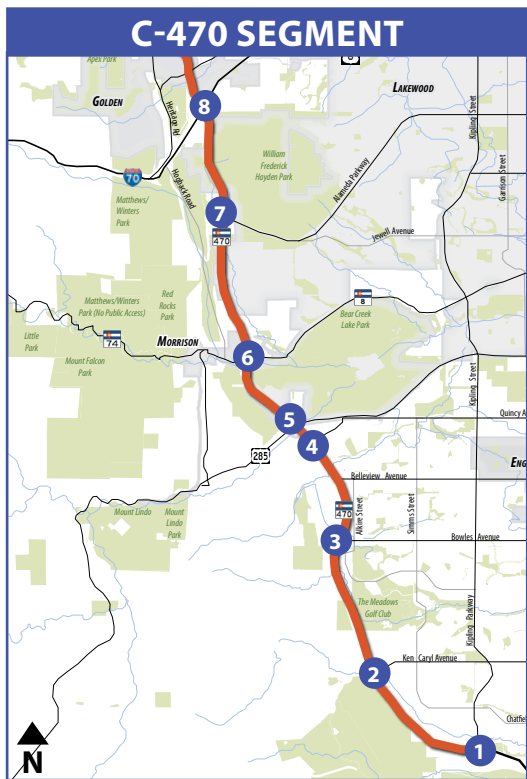




WestConnect Coalition PEL

C-470 SEGMENT LEVEL 2A OPTIONS



TECHNOLOGY

- Variable Speed Limits
- Dynamic Lane Use
- Queue Warnings
- Ramp Metering
- Wildlife Detection and Alert Systems
- Enhanced Communications Infrastructure
- Improved Traveler Information Signs
- Enhanced Lane Markings
- Autonomous Vehicle Lanes

MULTIMODAL INFRASTRUCTURE

- New Express Service - Ken Caryl to Downtown Denver
- Increased 116X Frequency

C-470 Trail

- No Action
- Signage/Wayfinding Improvements

Bowles Avenue

- No Action
- Pedestrian/Bicyclist Grade Separation
- Improved Crossing for Pedestrians/Bicyclists

Kipling Parkway

- No Action
- Pedestrian/Bicyclist Grade Separation
- Improved Crossing for Pedestrians/Bicyclists

Quincy Avenue

- No Action
- Improved Crossing for Pedestrians/Bicyclists (Quincy Ave & Bellevue Ave)
- Improved Park-n-Ride Facilities

Ken Caryl Avenue

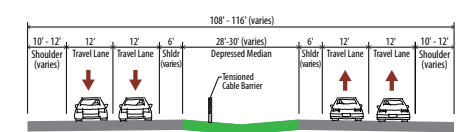
- No Action
- Improved Crossing for Pedestrians/Bicyclists
- Improved Park-n-Ride Facilities

Morrison Road

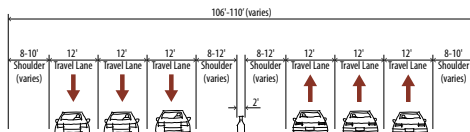
- No Action
- Improved Crossing for Pedestrians/Bicyclists
- Improved Park-n-Ride Facilities

HIGHWAY OPTIONS

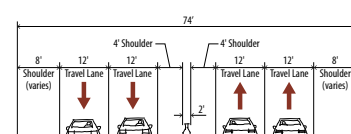
No Action



C-470: Wadsworth Avenue Interchange to Morrison Road Interchange

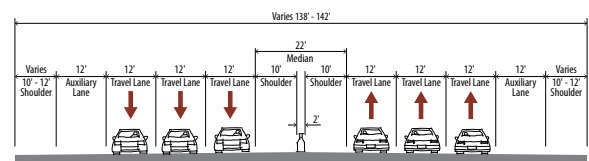


C-470: Morrison Road Interchange to I-70 Interchange



C-470: I-70 Interchange to US 6

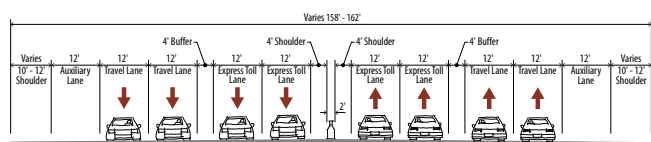
Six General Purpose Lanes



C-470: Wadsworth Avenue Interchange to I-70 Interchange

Six General Purpose Lanes with Auxiliary Lanes

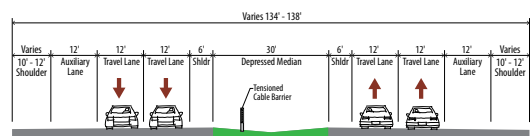
Four/Six General Purpose Lanes with Managed Lanes



C-470: Wadsworth Avenue Interchange to I-70 Interchange

Four General Purpose Lanes with Managed Lanes and Auxiliary Lanes

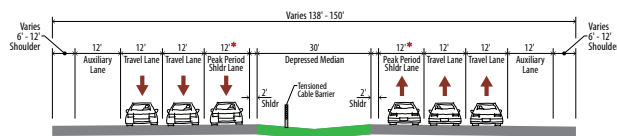
Auxiliary Lanes between Interchanges



C-470: Wadsworth Avenue Interchange to Morrison Road Interchange

Four General Purpose Lanes with Auxiliary Lanes

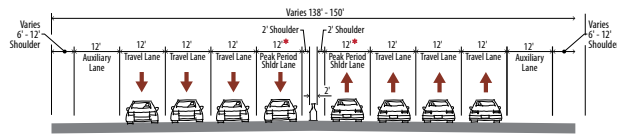
Four/Six Lanes with Peak Period Shoulder Lanes



C-470: Wadsworth Avenue Interchange to Morrison Road Interchange

Four Lanes with Peak Period Shoulder Lanes and Auxiliary Lanes

(* could be located on inside or outside lane)



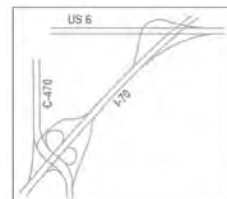
C-470: Morrison Road Interchange to I-70 Interchange

Six Lanes with Peak Period Shoulder Lanes and Auxiliary Lanes

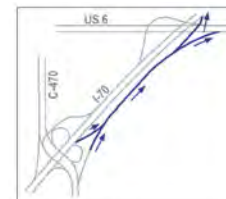
(* could be located on inside or outside lane)

INTERSECTION AND INTERCHANGE OPTIONS

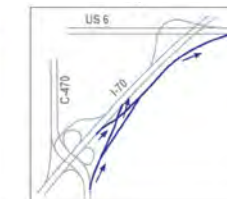
8 I-70/US 6



No Action

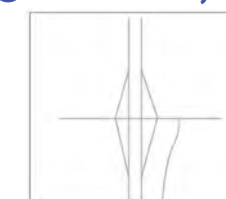


Collector/Distributor Roads

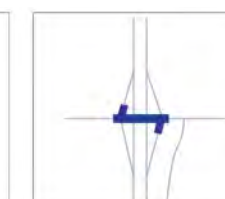


Braided Ramps

7 Alameda Parkway

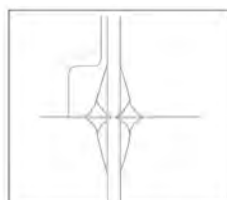


No Action



Lane Modifications at Ramp Intersections

6 Morrison Road



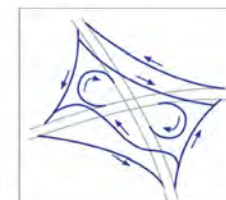
No Action

Initial traffic analysis indicates no changes to interchange configuration needed. Multimodal or C-470 improvements being evaluated may result in interchange modifications.

5 US 285



No Action

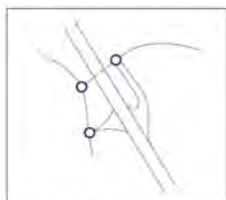


Fully Directional Interchange

4 Quincy Avenue



No Action



Roundabouts Interchange

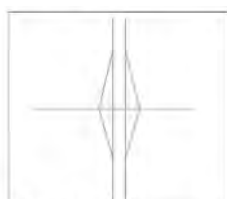


Lane Modifications at Ramp Intersections

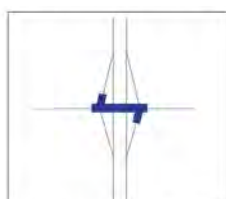


Braided Ramps

3 Bowles Avenue



No Action

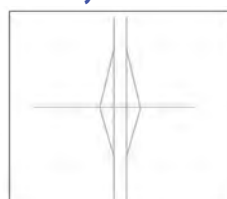


Lane Modifications at Ramp Intersections

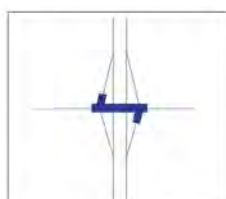


Diverging Diamond Interchange

2 Ken Caryl Avenue

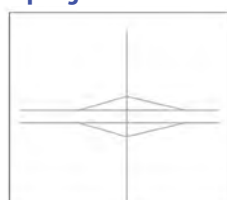


No Action

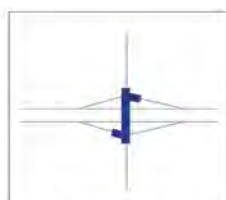


Lane Modifications at Ramp Intersections

1 Kipling Avenue



No Action



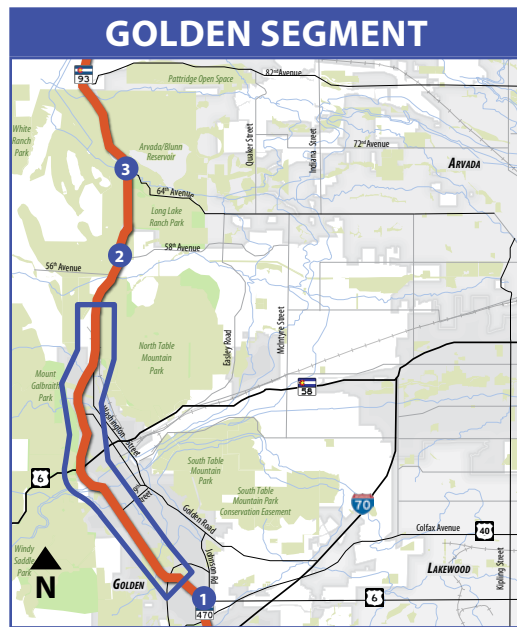
Lane Modifications at Ramp Intersections

CORRIDOR MANAGEMENT

- Travel Demand Management Strategies
- Incident Management Plan
- Event Traffic Management Plan
- Wildlife Crossings
- Snow Fence



WestConnect Coalition PEL



Improvements within Golden are consistent with The Golden Plan (2013) Memorandum of Understanding agreement between CDOT and the City of Golden.

CORRIDOR MANAGEMENT

- » Travel Demand Management Strategies
- » Enhanced Maintenance and Operations Program
- » Access Management Plan
- » Incident Management Plan
- » Wildlife Crossings

TECHNOLOGY

- » Adaptive Traffic Signals
- » Variable Speed Limits
- » Queue Warnings
- » Wildlife Detection and Alert Systems
- » Enhanced Communications Infrastructure
- » Improved Traveler Information Signs

MULTIMODAL INFRASTRUCTURE

- » Express service from Ken Caryl Park-n-Ride to Golden
- » Separated Trail along CO 93 north of Pine Ridge Road to 64th Avenue

US 6/C-470/Johnson Road	64th Avenue
» No Action	» No Action
» Improved Crossing for Pedestrians/Bicyclists	» Improved Crossing for Pedestrians/Bicyclists

58th Avenue

- » No Action
- » Improved Crossing for Pedestrians/Bicyclists

HIGHWAY OPTIONS

No Action

Four General Purpose Lanes

Two Lanes with Bus on Shoulder Lanes

Note: Highway improvements from Heritage Road to south of 56th Avenue are consistent with The Golden Plan.

INTERSECTION AND INTERCHANGE OPTIONS

3 64th Avenue

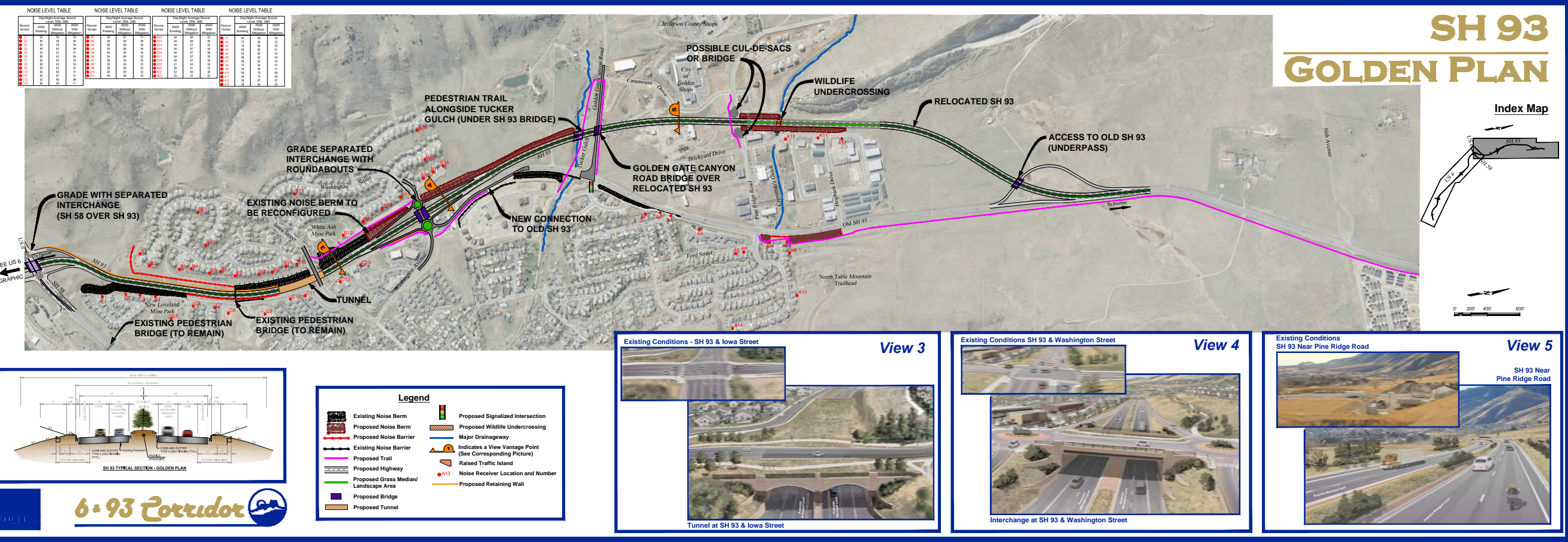
2 58th Avenue

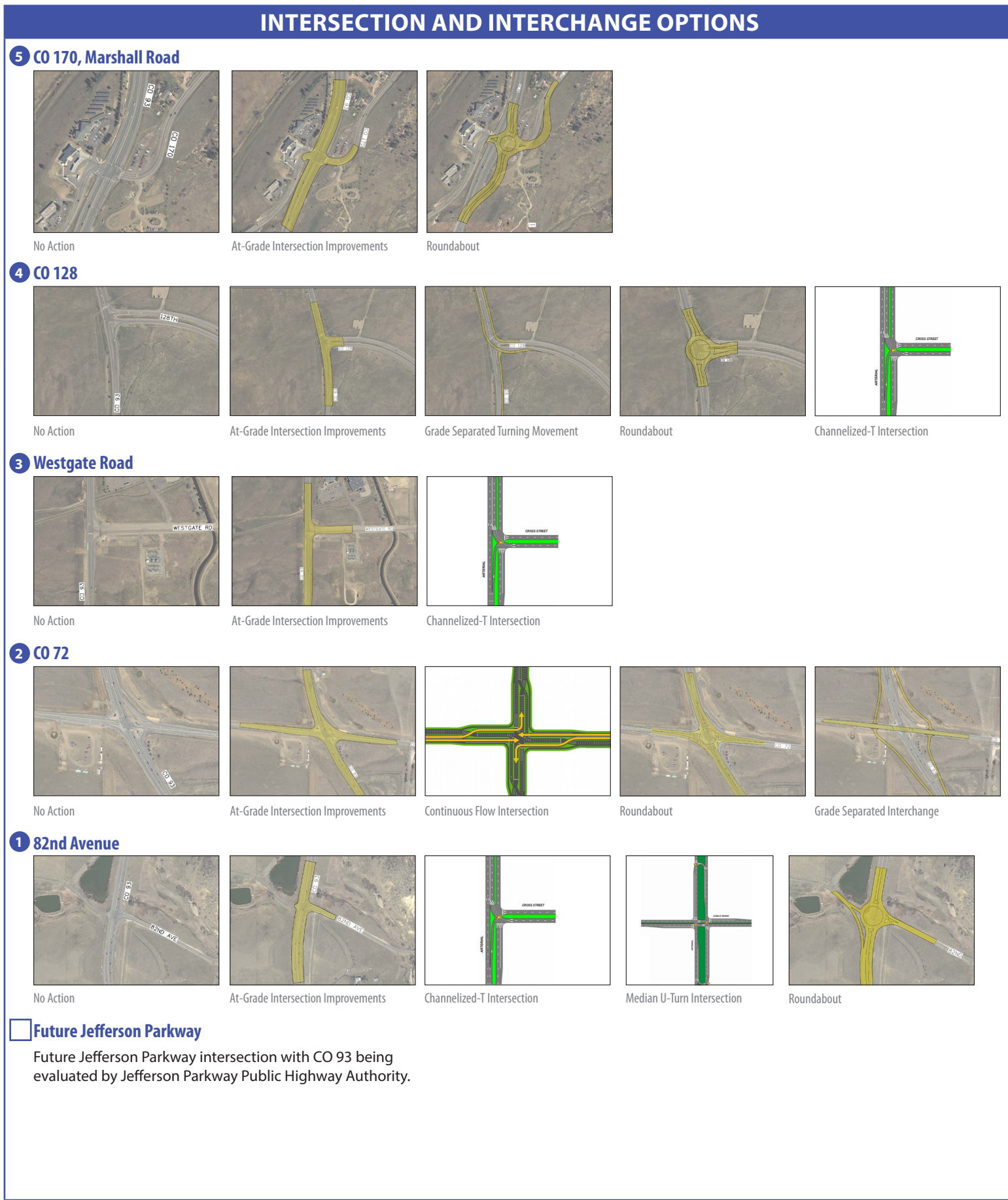
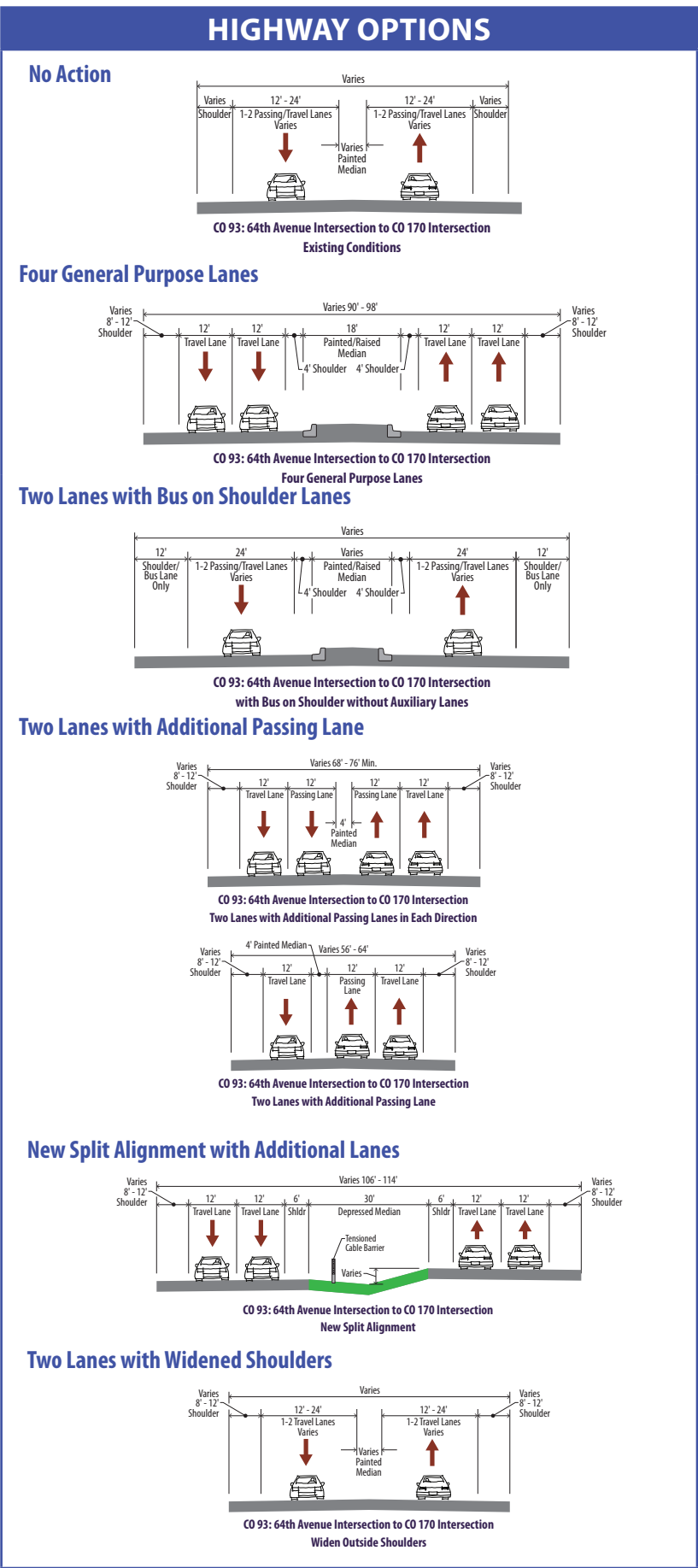
Golden Plan Area

Note: Intersections improvements from Heritage Road to south of 56th Avenue are consistent with The Golden Plan (see next page).

1 US 6/C-470/Johnson Road

US 6 - GOLDEN PLAN





- ### CORRIDOR MANAGEMENT
- » Travel Demand Management Strategies
 - » Enhanced Maintenance and Operations Program
 - » Access Management Plan
 - » Incident Management Plan
 - » Wildlife Crossings
 - » Additional Snow Fence

- ### TECHNOLOGY
- » Advanced Signal Warning Flashers
 - » Adaptive Traffic Signals
 - » Variable Speed Limits
 - » Queue Warnings
 - » Wildlife Detection and Alert Systems
 - » Enhanced Communications Infrastructure
 - » Improved Traveler Information Signs
 - » Enhanced Lane Markings
 - » Road/Weather Warning Systems

- ### MULTIMODAL INFRASTRUCTURE
- » Pedestrian/Bicyclist Grade Separation of CO 93 and CO 128
 - » Separated Trail along CO 93 from 64th Avenue to CO 170
 - » More GS Service and Queue Jumps along CO 93
- | | | |
|------------------------------------------------|------------------------------------------------|------------------------------------------------|
| CO 72 | CO 128 | CO 170 |
| » No Action | » No Action | » No Action |
| » Improved Crossing for Pedestrians/Bicyclists | » Improved Crossing for Pedestrians/Bicyclists | » Improved Crossing for Pedestrians/Bicyclists |
| » Improved Park-n-Ride Facilities | | |