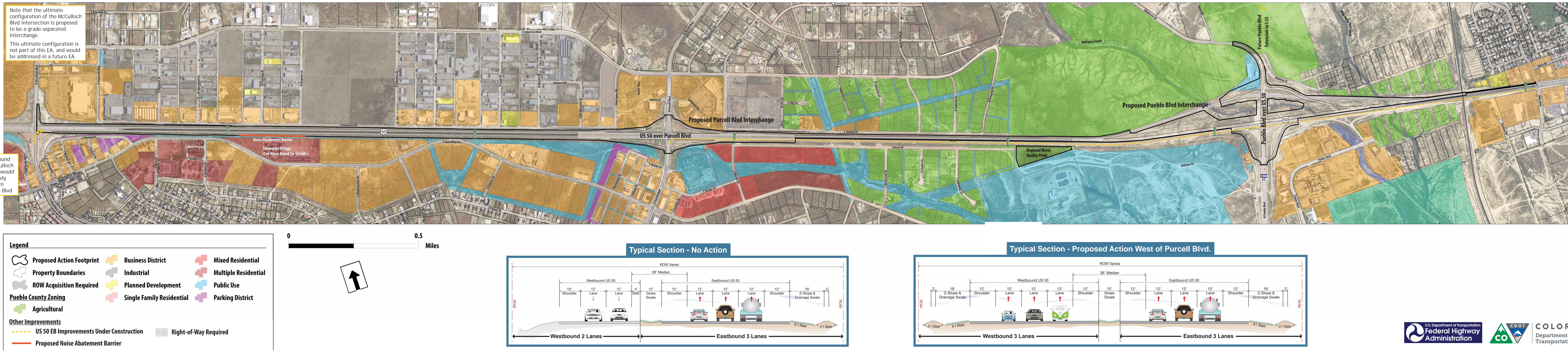
50 US 50 West Environmental Assessment

Corridor Peak Hour Travel Time & Delay (in Minutes)

| | | No Action Alternative | | Proposed Action | |
|------------------------------|---------------------|------------------------------|----------|------------------------|---------|
| | Average Per Vehicle | AM | PM | AM | PM |
| US 50 Westbound Traffic | Travel Time | 14.5 min | 16 min | 6.25 min | 13 min |
| Wills Blvd to McCulloch Blvd | Delay | 9 min | 10.5 min | 1 min | 7.5 min |
| US 50 Eastbound Traffic | Travel Time | 15 min | 15.5 min | 9.75 min | 13 min |
| McCulloch to Wills Blvd | Delay | 10 min | 10 min | 4.5 min | 7.5 min |



Crashes on US 50 will continue to be concentrated at the Pueblo Blvd and Purcell Blvd intersections

Reduce high accident rates concentrated around intersections

No Action Alternative - without improvements:

Proposed Action would:

Improve intersection safety conditions by lane widening and intersection improvements

Grade-separation interchanges proposed at Purcell Blvd and Pueblo Blvd would reduce the high incidence of rear end and sideswipe crashes

Accommodate high levels of future vehicular demand

No Action Alternative - without improvements:

2035 Travel Demand - US 50 traffic volumes west of I-25 are anticipated to roughly double their current volumes by 2035

Travel Time The average eastbound AM peak hour travel time between Wills Blvd and McCulloch Blvd (5.8 miles would be approximately **15 minutes**

The average westbound PM peak hour travel time between McCulloch Blvd and Wills Blvd would be approximately **16 minutes**

Purpose and Need - How well does the Proposed Action Meet the Project Needs?

Proposed Action would:

Increase US 50 capacity to 6-lanes (3-lanes EB and 3-lanes WB) from Wills Blvd to McCulloch Blvd

Improve eastbound AM peak hour travel time to approximately **10 minutes**

Improve westbound PM peak hour travel time to approximately **13 minutes**

Reduce congestion at intersections

No Action Alternative - without improvements: **Proposed Action would:**

The highest levels of future (2035) traffic congestion would be at the Purcell Blvd and Pueblo Blvd intersections during the eastbound AM and westbound PM peak traffic

McCulloch Blvd and Wills Blvd would be congested during westbound PM peak hour traffic

Add capacity and grade separated interchanges, reducing congestion at Purcell Blvd and Pueblo Blvd

Add capacity at the McCulloch Blvd and Wills Blvd intersections, however westbound PM peak hour traffic congestion would continue

Westbound PM peak hour traffic congestion improve with the future grade-separated interchange planned for McCulloch, and the planned Pueblo Blvd Extension to I-25

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