

14th Street – Warlick Blvd – Old Cheney Road Intersection Improvement Project

HDR ALTERNATIVE

An innovative, **CONTEXT**-sensitive solution that blends free-flowing movements, signalized intersections and traffic-**CALMING** measures to provide a long-term, **SUSTAINABLE** transportation system for the area.

CONTEXT

- A solution that fits the physical setting, reflects community values and visions, and preserves/enhances community resources.

CALMING

- A design that includes traffic calming measures to create a safer environment for all modes of travel.

SUSTAINABLE

- A transportation system that will operate efficiently and safely long into the future.



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CONTEXT

A solution that fits the physical setting, reflects community values and visions, and preserves/enhances community resources.

LANDSCAPE OPTIONS

- Two landscaping options have been prepared to illustrate the potential opportunities to enhance aesthetics in the area.

GATEWAY FEATURE

- The HDR Alternative provides for a gateway feature for traffic traveling northbound along Warlick Boulevard.

CALMING

A design that includes traffic calming measures to create a safer environment for all modes of travel.

DESIGN SPEED

- The HDR Alternative utilizes 25 MPH horizontal curves to keep speeds consistent with the neighborhood/commercial nature of the area.

LANDSCAPING

- Properly designed landscaping will provide a visual cue to drivers to reduce speeds.

WALKING/BIKING

- Improved pedestrian and bicycle connections by extending the trail along Old Cheney Road to the west.

SUSTAINABLE

A transportation system that will operate efficiently and safely long into the future.

LONG-TERM SOLUTION

- The HDR Alternative will provide a transportation system that accommodates year 2040 traffic and beyond.

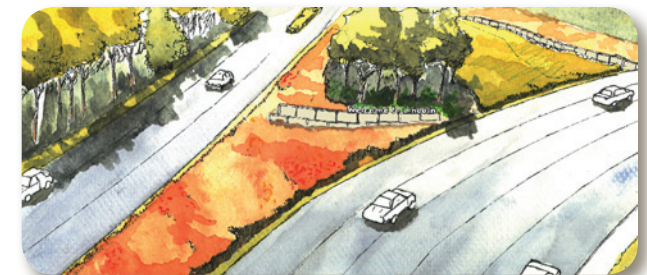
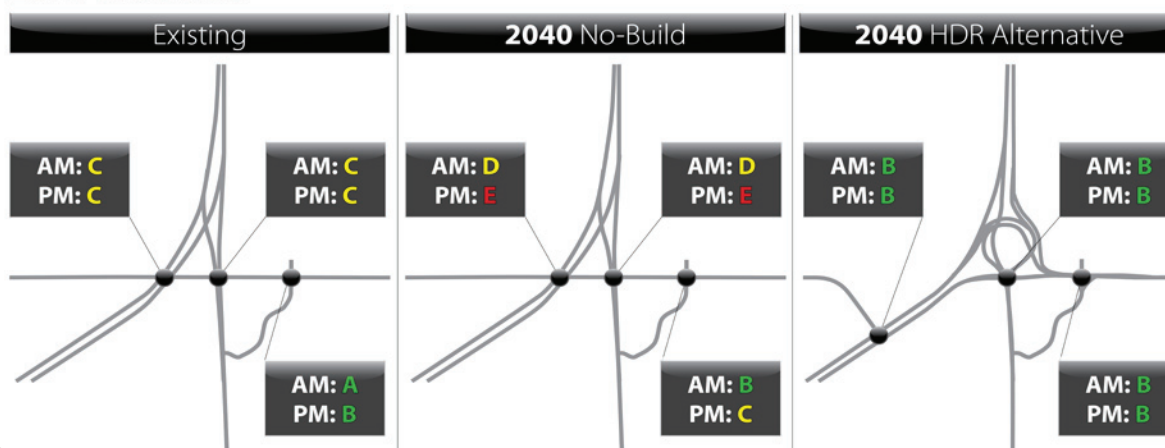
USER BENEFITS

- The HDR Alternative will reduce driver delay by 64 percent during the 2040 peak hours (compared to the No-Build), resulting in a savings of over \$4 Million per year.

SAFETY

- The HDR Alternative will improve safety by reducing delay and reducing conflict points.

Level of Service:



PROJECT COST

- The estimated total project cost is \$21.4 Million.

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