

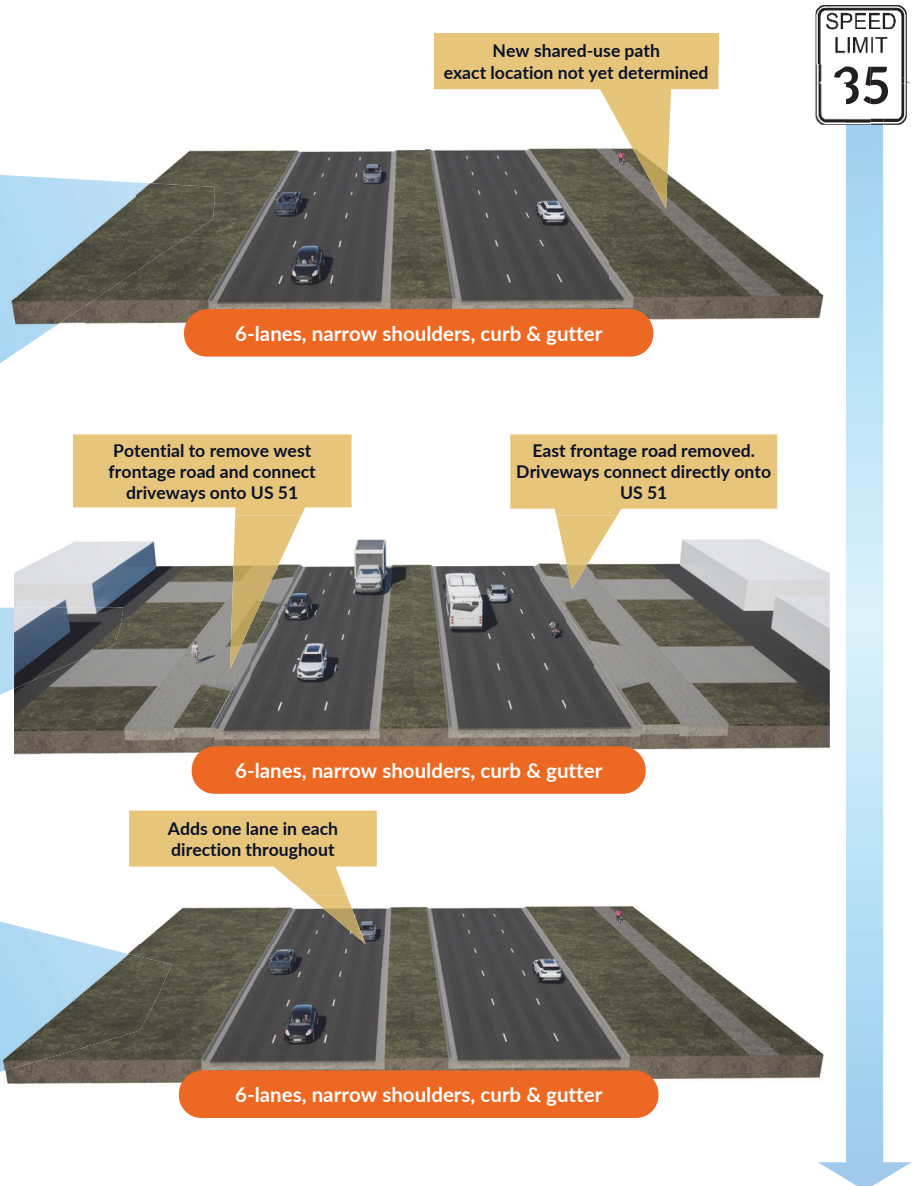
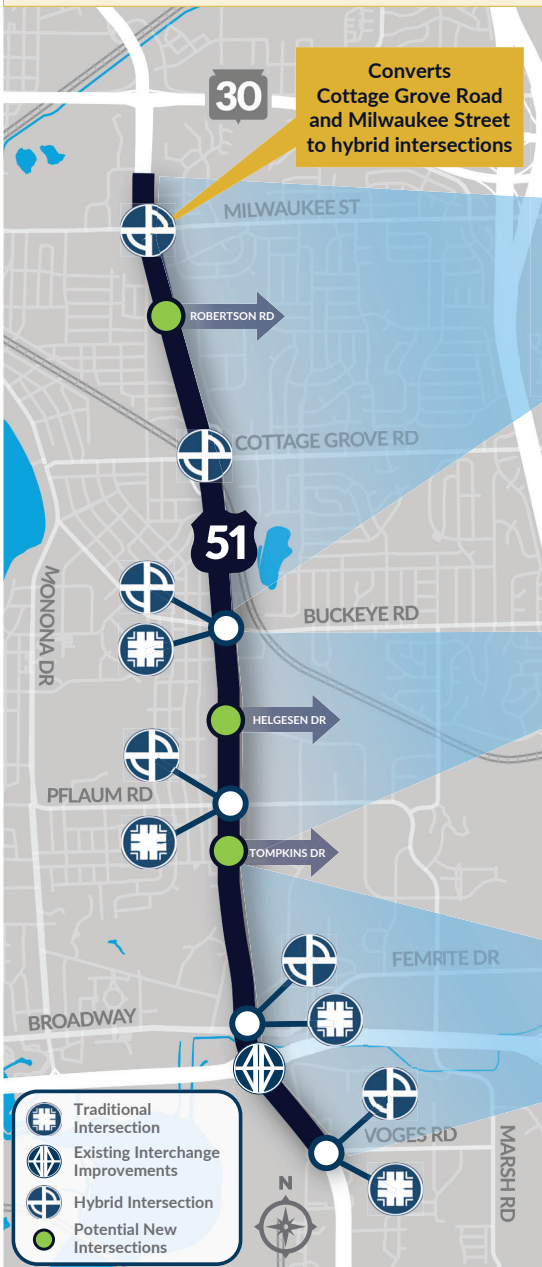
Conceptual Alt 4: Direct Access

Description

WHAT IS THIS CONCEPTUAL ALTERNATIVE?

A lower speed concept that includes driveways directly onto US 51 south of Pflaum Road to Buckeye Road.

EXISTING INTERSECTIONS	Flexibility to adapt to many intersection designs.
NEW STREET CONNECTIONS	Tompkins Drive (to the east; optional), Helgesen Drive (to the east), Robertson Road (to the east; optional).
FRONTAGE ROAD SYSTEM (South of Pflaum Road to Buckeye Road)	Remove one or both frontage roads. Business driveways would connect to US 51 where frontage roads are removed.
POSSIBLE MULTIMODAL FACILITIES	Shared-use path, sidewalks.



Conceptual Alt 4: Direct Access Evaluation

WHAT DO WE LIKE ABOUT THIS CONCEPTUAL ALTERNATIVE?

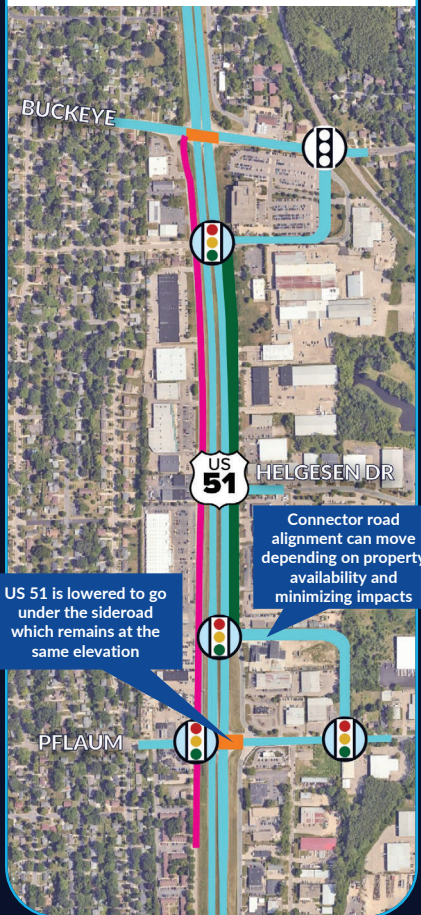
The 35 mph speed could reduce the severity of crashes. Driveways directly onto US 51 provide additional connectivity and minimize the impacts on the surrounding area caused by moving frontage road.

WHAT ARE THE LIMITATIONS OF THIS CONCEPTUAL ALTERNATIVE?

New street connections and driveways on US 51 could increase the number of crashes on the US 51 mainline. New intersections could somewhat delay north-south travel.

Options include: Only West Frontage Road

East frontage road removed and replaced by direct driveway access to US 51.



Options include: No Frontage Roads

Both frontage roads are removed and replaced with direct driveway access to US 51.



Safety

35 mph speeds could decrease crash severity

Compatible with safer hybrid intersection designs

Potential for conflicts at new street and driveway connections to both sides of US 51

Mobility

Signals at multiple potential new street connections could increase delay

35 mph speeds and potential traditional intersections provide slower north-south travel time

Indirection for some turning traffic at hybrid intersections



Connectivity


Improved connectivity to neighborhoods and businesses

Hybrid intersections separate side road traffic from US 51

Hybrid intersections separate bicycles and pedestrians from US 51

LEGEND:  New signal  Improve existing signal  US 51, Sideroads, Connector Roadways  Frontage Road

 Bridge  New green space

 Right-in right-out turn