

ALTERNATIVE ROUTE INTERSECTION IMPROVEMENT MATRIX		
Intersection / Location	Recommended Improvements	Impacted Area
5390-00-72 IH 39/90 Central Segment Alternate Route - US 51 - South Dane County Line to IH 39 - Construction Year 2015		
US 51 Thronson Drive to Albion Road	Mill, overlay and base patch US 51	1.3 miles
US 51 & Albion Road / Haugen Road	Optimize signal timings	none
5390-00-73 IH 39/90 Central Segment Alternate Route - US 51 - USH 14 to South Dane County Line - Construction Year 2015		
US 51 & Kidder Road	Add US 51 northbound right turn lane	500' south and 300' north of Kidder on northbound US 51 200' east of USH 51 on Kidder
US 51 & CTH M (East)	Add US 51 left and right turn lanes	1/4 mile south and north of CTH M on US 51 200' on sideroads
US 51 & CTH M (West) / East Hurd Road	Add US 51 left and right turn lanes	1000' south and north of CTH M on US 51 200' on sideroads
US 51 & CTH F	Add CTH F left turn lane	100' north and south of CTH F on US 51 300' on CTH F
Wisconsin & Southern Railroad Crossing - South of STH 59	Recommend that WisDOT coordinate with WSOR to mitigate potential conflicts with train crossings during peak hours. Coordination of train schedules and minimize crossing duration to avoid the peak traffic periods. Coordinate crossing signal and US51/STH 59 signal through pre-emption.	300' north of WSOR on US 51
US 51 & STH 59	Optimize signal timings. Install signal actuation. Coordinate USH 51/STH 59 signal and WSOR crossing signal through pre-emption.	300' south of STH 59 on US 51
US 51 Ladd Lane to Thronson Drive	Replace 450' of US 51 pavement with concrete pavement	450' Ladd Lane to Thronson Drive
US 51, US 14 to Ladd Lane	Base patch and repair US 51	8.8 miles
5569-00-72 IH 39/90 Central Segment Alternate Route - Phase 1 - US 14 - Deerfield to US 51 - Construction Year 2015		
US 14 & Deerfield Drive	Reconfigure the intersection to provide offset southbound right turn lanes with channelizing island on Deerfield Drive, upgrade pavement marking and signing and update traffic signal operations. Remove WB US 14 free-flow on ramp movement to NB IH 39/90.	NW Quadrant of USH 14 & Deerfield Drive intersection
US 14 & IH 39/90 Interchange	Reconfigure existing interchange to eliminate the NB and SB IH 39/90 exit loop ramps and the free-flow merges on US 14; and replace with dual left lane signalized ramps. Install traffic signals as required.	IH 39/90 Ramps at USH 14 and USH 14 between IH 39/90 Ramps
US 14 & Pontiac Drive	Reconfigure the intersection to provide offset left turn lanes with increased storage on US 14 and update traffic signal operations	1/4 mile on US 14
US 14 & Lexington Drive	Reconfigure the intersection to provide offset left turn lanes with increased storage on US 14 and update traffic signal operations	1/4 mile on US 14
US 14 & STH 26 (Milton Avenue)	Add dual right turn lanes on westbound US 14. Optimize and update traffic signal operations.	500' on westbound US 14
US 14 & Bell Street	Optimize and update traffic signal operations. No roadway construction recommended.	none
US 14 & Kennedy Road	Optimize and update traffic signal operations. No roadway construction recommended.	none
Wisconsin & Southern Railroad Crossing - Kennedy Road	Recommend that WisDOT coordinate with WSRP to mitigate potential conflicts with train crossings during peak hours. Coordination of train schedules and minimize crossing duration to avoid the peak traffic periods.	none
US 14 & Neville Road	Optimize and update traffic signal operations	none
US 14 & US 51	Reconfigure the intersection to provide additional capacity for southbound US 51 left turns, extend the westbound US 14 right turn lane, extend the northbound US 51 right turn lane and update traffic signal operations.	1000' east of USH 51 on US 14 1000' north of US 14 on US 51 600' south of US 14 on US 51
5569-00-73 IH 39/90 Central Segment Alternate Route - Phase 2 - US 14 - IH 39 to STH 11 - Construction Year 2016		
US 14 & STH 11 (East Racine Street)	Signalize and reconfigure the intersection to provide eastbound dual left turn lanes on STH 11	500' north and 500' south of STH 11 on US 14 750' west of US 14 on STH 11
US 14 & CTH MM (Ruger Avenue)	Reconfigure the intersection to provide left and right turn lanes for the northbound and southbound US 14 approaches.	750' north and 750' south of CTH MM (Ruger Avenue) on US 14 200' west and 200' east of US 14 on CTH MM (Ruger Avenue)
US 14 & CTH A (Milwaukee Street)	Reconfigure the intersection to extend the northbound and southbound right and left turn lanes on US 14 and update traffic signal operations	750' north and 1000' south of CTH A (Milwaukee Street) on US 14 100' west and 100' east of US 14 on CTH A (Milwaukee Street)
US 14 & Harmony Town Hall Road	Extend US 14 westbound right turn lanes at Harmony Town Hall Road and Old Humes Road	500' south of Harmony Town Hall Road to 200' north of Old Humes Road on US 14, 100' on sideroads
US 14	Mill and overlay 1500' of US 14 east of Wright Road	1500'
US 14 & Wright Road	Optimize and update traffic signal operations. No roadway construction recommended.	none