

Racine Street Bridge Alternative Summary

	Alternative A No Build	Alternative B Rehabilitation	Alternative C Reconstruct - on existing alignment	Alternative D Reconstruct - north intersection reconfigured	Alternative E Reconstruct - both intersections reconfigured	Alternative F Reconstruct - two roundabouts	Alternative G Reconstruct - north roundabout with realigned south intersection (Riverway impact)	Alternative H Reconstruct - north roundabout with realigned south intersection (no Riverway impact)	Alternative I Reconstruct - north roundabout with adjusted alignment across river	Alternative J Reconstruct - two roundabouts with adjusted alignment across river
Main St intersection improvement	none	none	minimal	new traffic signal	new traffic signal	new roundabout	new roundabout	new roundabout	new roundabout	new roundabout
Ahnaip St intersection improvement	none	none	none	none	realigned one-way stop	new roundabout	realigned one-way stop	realigned one-way stop	realigned one-way stop	new roundabout
Potential for Broad St intersection improvements	no	no	no	no	no	yes	yes	yes	yes	yes
Center turn lane (across bridge)	yes	yes	yes	yes	yes	no	partial (south side only)	partial (south side only)	partial (south side only)	no
Bridge width (outside parapet to outside parapet)	44.5'	44.5'	60'	60'	60'	49'	49'-60' (varies)	49'-60' (varies)	49'-60' (varies)	49'
Bicycle/pedestrian improvements (across bridge)	none	none	yes (5' bicycle lanes, 6' sidewalks)	yes (5' bicycle lanes, 6' sidewalks)	yes (5' bicycle lanes, 6' sidewalks)	yes (5' bicycle lanes, 6' sidewalks)	yes (5' bicycle lanes, 6' sidewalks)	yes (5' bicycle lanes, 6' sidewalks)	yes (5' bicycle lanes, 6' sidewalks)	yes (5' bicycle lanes, 6' sidewalks)
Marine navigation improvements	none	none	improved clearance - fewer openings	improved clearance - fewer openings	improved clearance - fewer openings	improved clearance - fewer openings	improved clearance - fewer openings	improved clearance - fewer openings	improved clearance - fewer openings	improved clearance - fewer openings
Estimated construction cost in millions (1)	\$0.0	\$11-12	\$26-27	\$27-28	\$29-30	\$25-26	\$26-27	\$26-27	\$25-26	\$25-26
Life expectancy (years)	< 20	35-40	75+	75+	75+	75+	75+	75+	75+	75+
Future ownership	State	State	City	City	City	City	City	City	City	City
Future maintenance costs	?	higher than Alts. C-J	higher than Alts. F-J (due to 3-lane bridge)	higher than Alts. F-J (due to 3-lane bridge)	higher than Alts. F-J (due to 3-lane bridge)	lowest (similar to J)	medium (due to partial 2-lane bridge)	medium (due to partial 2-lane bridge)	medium (due to partial 2-lane bridge)	lowest (similar to F)
Closure timeframe for construction	N/A	1 year	2 years	2 years construction - bridge closure limited to 1 year	2 years construction - bridge closure limited to 1 year	2 years construction - bridge closure limited to 1 year	2 years construction - bridge closure limited to 1 year	2 years construction - bridge closure limited to 1 year	2 years construction - bridge closure limited to 1 year	2 years construction - bridge closure limited to 1 year

(1) - Costs are expressed in 2015 dollars and represent construction costs only. Costs are currently 100% Federal/State funded. However, there may be local cost share if the city prefers an alternative that is significantly more expensive than another viable alternative. Local cost share may also be added during final design depending on additional aesthetic or design elements that the city wants to incorporate within the project.

Annual operating costs for the Wisconsin Street lift bridge in City of Oshkosh (opened in 2008) have averaged roughly \$120,000/year from 2010-2014. Annual operating costs for the existing Racine Street bridge from 2013-2014 averaged roughly \$75,000/year. Costs for Menasha are lower primarily due to restructuring of bridge tenders wages and benefits by City of Menasha in 2013. Operating costs include bridge tender labor, utility costs, and miscellaneous minor repairs.

alternatives shaded in blue have previously been eliminated from consideration