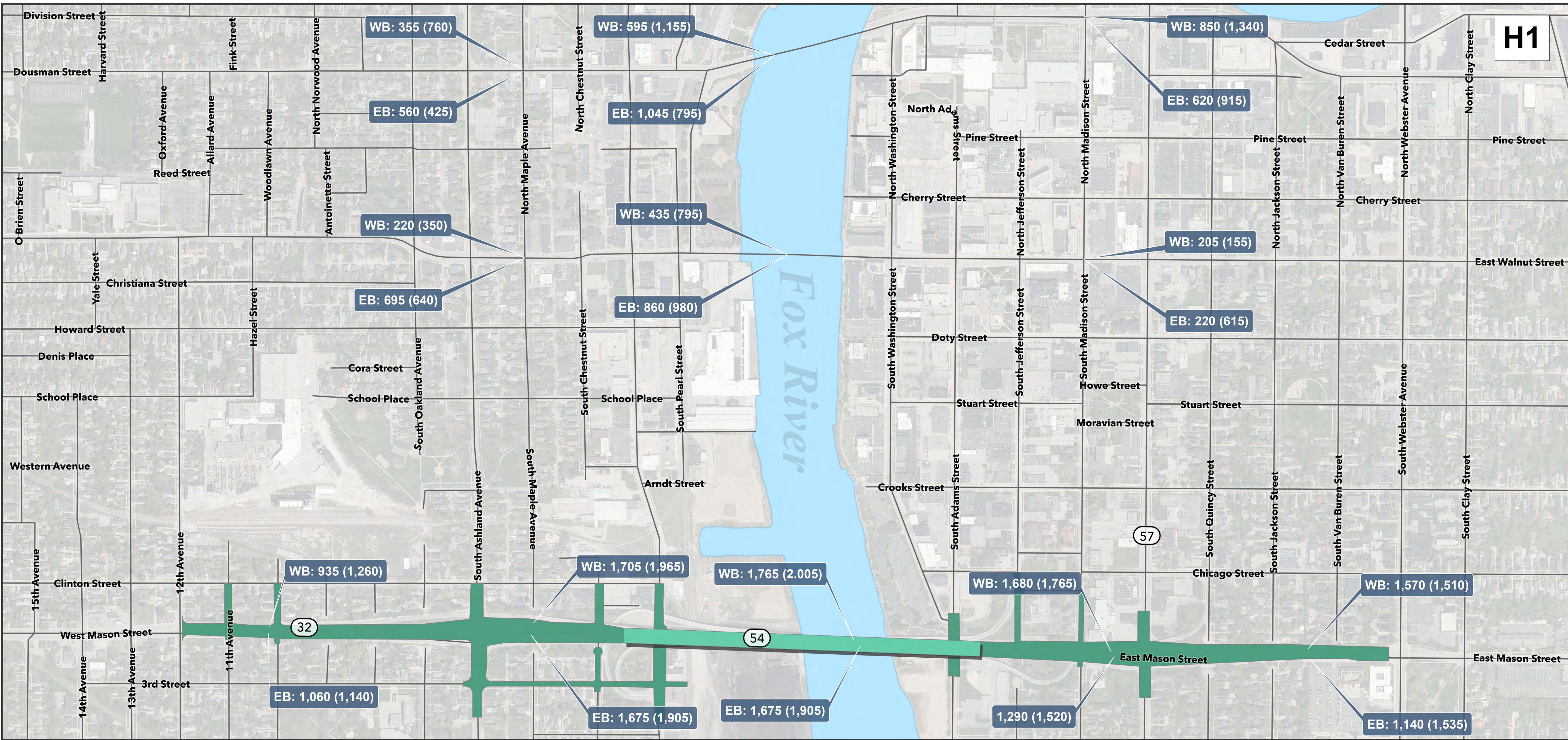
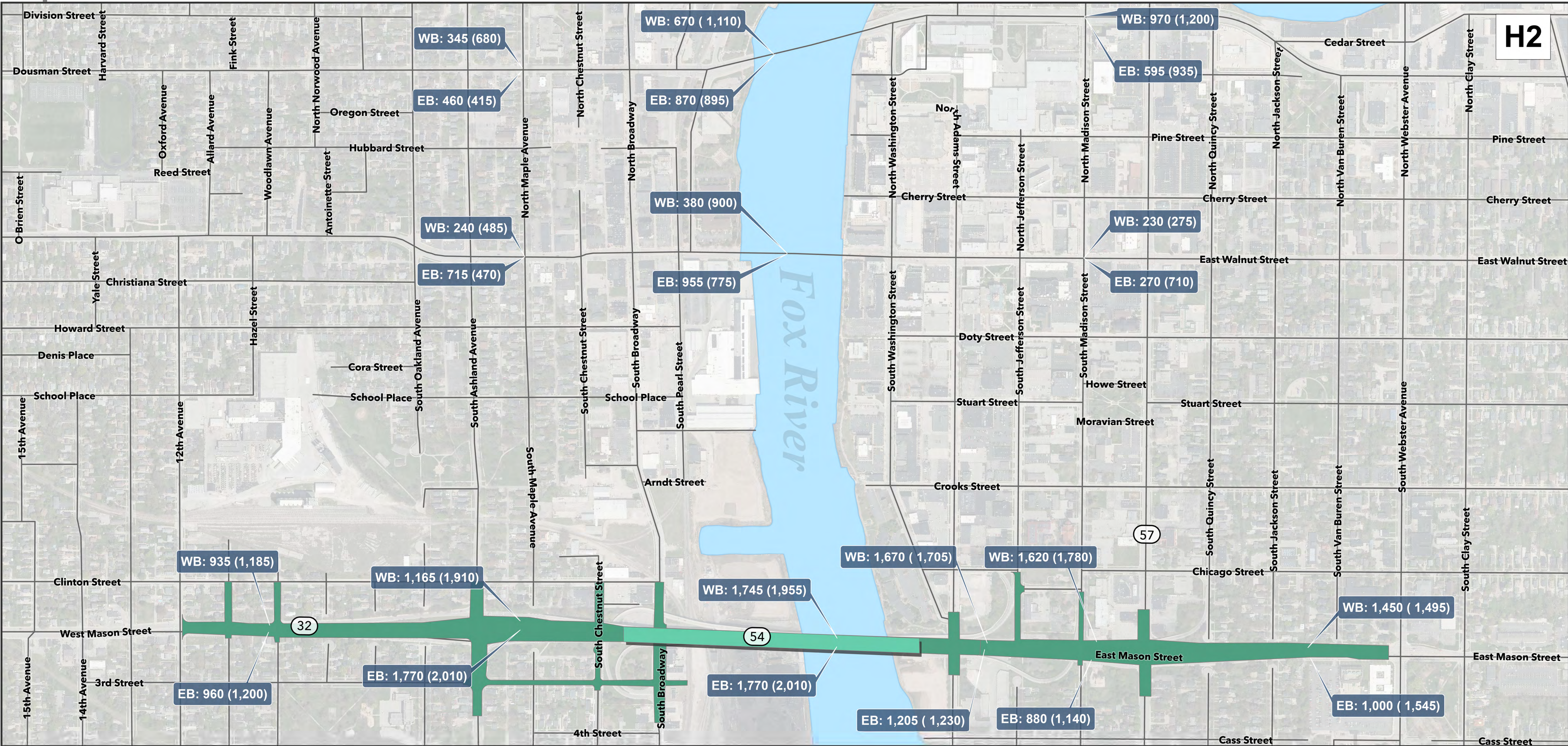


TRAFFIC

Hybrid Alternative 1 - Mason Street as Elevated Roadway | Broadway to Adams St Reconstruct Bascule at Existing Elevation



Hybrid Alternative 2 - Mason St as Elevated Roadway | Broadway to the Fox River Replace Bascule at Lower Elevation



Legend

- Study Limits
- Elevated Roadway
- At-Grade Roadway

Peak Hour Volume (PHV)
AM PHV (PM PHV)

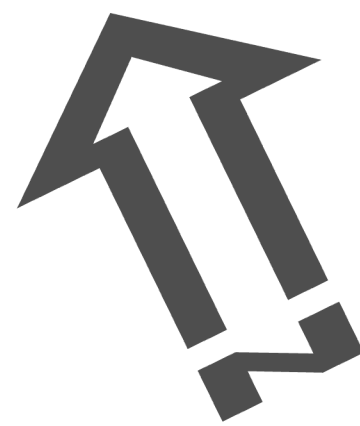
Level of Service (LOS) is a quantitative measure that refers to the overall quality of flow at an intersection ranging from very good, represented by LOS 'A', to very poor, represented by LOS 'F'. For analysis and design purposes, Level of Service (LOS) 'D' was used to define acceptable peak hour operating conditions.

CORRIDOR VOLUME & TRAVEL TIME COMPARISON																	
Location		AM Peak Hour								PM Peak Hour							
		Volumes over Fox River (no. veh in peak hr)				Ashland to/from Monroe Travel Time (min)				Volumes over Fox River (no. veh in peak hr)				Ashland to/from Monroe Travel Time (min)			
		E2	H1	H2	H3*	E2	H1	H2	H3*	E2	H1	H2	H3*	E2	H1	H2	H3*
Main / Dousman	WB	670	595	670	670	1.5	2.2	2.2	TBD	1215	1155	1110	1215	1.9	1.8	2.4	TBD
	EB	900	1045	870	900	1.5	2.2	2.2	TBD	980	795	895	980	1.7	1.7	2.4	TBD
Walnut	WB	480	435	380	480	2.4	2.6	2.5	TBD	930	795	900	930	2.9	2.3	2.7	TBD
	EB	840	860	950	840	2.9	3.2	3.3	TBD	815	980	775	815	2.6	2.7	2.9	TBD
Mason**	WB	1380	1765	1745	1380	2.2	2.9	3.1	TBD	1845	2005	1955	1845	2.3	3.7	4.4	TBD
	EB	1805	1675	1770	1805	2.4	3.6	3.5	TBD	1890	1905	2010	1890	2.4	3.5	3.3	TBD

*H3 Data is preliminary. Travel times have not been calculated yet for this alternative.

**Mason Travel Times are from Ashland to Webster

MASON STREET INTERSECTION LEVEL OF SERVICE COMPARISON											
Intersection	AM Peak Hour					PM Peak Hour					
	E2	H1	H2	H3		E2	H1	H2	H3		
Mason & Ashland	WB Ramps	B				WB Ramps	B				
Overall LOS	EB Ramps	A	D	C	D	EB Ramps	A	D	D	D	
Mason & Adams										B	
Overall LOS	WB Ramps	B				WB Ramps	B				
Mason & Monroe	EB Ramps	B	D	C		EB Ramps	B	C	D	C	
Overall LOS	EB Ramps	B				EB Ramps	B				



1,200 Feet



MASON STREET BRIDGE