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TECHNICAL EVALUATION MATRIX



CATEGORY	EVALUATION CRITERIA	CONCEPT A: ST. PETER STREET	CONCEPT B: ST. PETER STREET / MARKET STREET	CONCEPT C: WABASHA STREET / 10TH STREET / ST. PETER STREET
PEDESTRIAN AND TRANSIT IMPACTS	Bus Conflicts	No bus stops	Conflict with future Gold Line BRT station on south side of Hamm Plaza	Bus stops on east side of street do not impact bikeway on west side of street
	Curb Extension Removal	6	6	8
	Pedestrian Signal Timing Lengthened	3	2	4
MOTOR VEHICLE IMPACTS	On-Street Parking Impacts	Loss of 60 spaces	Loss of 62 spaces	Loss of 87 spaces
	Loading Zone Impacts	All existing loading zone spaces preserved or relocated	All existing loading zone spaces preserved or relocated	All existing loading zone spaces preserved or relocated
	Motor Vehicle Traffic Volumes (Daily Average)	2,850-4,300	2,850	7,530-10,300
	Motor Vehicle Traffic Operation Impacts	Minor traffic operational impacts on south end of corridor if converted to one-lane	No significant traffic operational impacts	No significant traffic operational impacts
BICYCLING COMFORT AND CONNECTIVITY	Bikeway Width	5 feet or greater per direction in all locations	5 feet or greater per direction in all locations	5 feet or greater per direction in all locations
	Bikeway Buffer Width	2 foot or greater buffer width along entire corridor	2 foot or greater buffer width along entire corridor	2 foot or greater buffer width along entire corridor
	Bike Connectivity & Directness	Direct; long-term connection to riverfront	Slightly less direct due to jog onto Market Street; long-term connection to riverfront	Jog in bikeway at 10th Street; connection over river via Wabasha Street bridge
	Motor Vehicles Turning Across Bikeway onto Corridor	931	667	1571
	Motor Vehicles Turning Across Bikeway off of Corridor	316	344	763
	Driveway Crossings	3	1	9
CULTURAL AND ECONOMIC IMPACTS	Connectivity to Cultural Destinations	1. Palace Theatre 2. Landmark Plaza 3. Hamm Plaza	1. Palace Theatre 2. Landmark Plaza 3. Hamm Plaza 4. Rice Park 5. George Latimer Central Library	1. Fitzgerald Theater 2. Palace Theatre 3. History Theatre 4. Minnesota Children's Museum
	Street Closure for Special Events	2 days/year	42 days/year	0 days/year
	Existing Street Level Vitality	Many established street-level businesses	Many established street-level businesses	Some established street-level businesses
	Future Economic Development Potential	Many established businesses; less opportunities to attract new businesses	Many established businesses; less opportunities to attract new businesses	Opportunities to attract new businesses

LEGEND

POSITIVE IMPACT	NEGATIVE IMPACT
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*Bold text indicates criteria with critical impact