

### Traffic Improvement Feasibility Matrix

<u>Location</u>	<u>Intersection</u>	<u>Proposed Improvement</u>	<u>Right-of Way Available</u>	<u>Financially Feasible</u>	<u>Jurisdiction</u>	<u>Construction Cost (Planning-Level Estimate)</u>	<u>Notes</u>
	<b>Signalized Intersections</b>						
A	Washington/Ogden Ave	Add additional through and turn lanes	No	N/A	IDOT		
B	Washington/5th Ave	Add NBR lane	Yes	TBD	City	\$200,000	excludes dry utility relocation; excludes onsite demolition (as required)
C	Washington/5th Ave	Dual WBL lanes	Yes	TBD	City	\$150,000	assumes use of existing right-of-way and Lower Burlington Lot (excludes right-of-way acquisition cost); includes street light relocation (1), widening, and signal pole relocation; excludes dry utility relocation (if applicable)
D	Washington/Benton Ave	Add SBR lane	No	N/A	City		
		Add NBT lane	No	N/A			
E	Loomis/Ogden Ave	Add additional through lanes on Ogden	No	N/A	IDOT		
F	Washington/6th Ave	Maintain geometry and signalize	Yes	TBD	City	\$350,000	excludes dry utility relocation (if applicable); signal cost estimate reflects Washington Street interconnect; assumes right-of-way acquisition not required for traffic signal equipment
	<b>All Way Stop-Controlled Intersections</b>						
G	Columbia/5th Ave	Add EBR lane	Yes	TBD	City	\$100,000	excludes dry utility relocation
		Add NBR lane	Yes	No			
		Maintain geometry and signalize	Yes	TBD		\$250,000	excludes dry utility relocation (if applicable); assumes right-of-way acquisition not required for traffic signal equipment
H	Columbia/North Ave	Add WBR lane	Yes	TBD	City	\$100,000	excludes dry utility relocation
		Add SBR lane	No	N/A			
I	Loomis/5th Ave	TBD	TBD	TBD	City		
	<b>Two-Way Stop Controlled Intersections</b>						
J	Ellsworth/North Ave	Add WB Stop Sign	Yes	TBD	City	\$500	stop sign warrant required prior to installation per City of Naperville requirements
	<b>Traffic Pattern Conversions</b>						
K	North Avenue	Convert to two-way street	Yes	TBD	City	\$250,000	assumes mill and overlay; includes conversion to two-way street between Washington Street and Ellsworth Street
L	4th Avenue	Convert to one-way WB	Yes	TBD	City	\$325,000	assumes mill and overlay; includes conversion to one-way westbound between Loomis Street and Ellsworth Street; reflects modifications to radius/curb at Loomis Street
	<b>Intersection Realignment</b>						
M	Washington/5th Ave	Move the east leg of 5th south to align	Yes	TBD	City	\$1 - 1.2 million roadway \$100,000 temporary signal \$350,000 new signal	excludes dry utility relocation (if applicable); excludes onsite demolition; signal cost estimate reflects Washington Street interconnect
N	Washington/Spring/North	Move Spring north to align with North Ave	Yes	TBD	City	\$1 - 1.2 million roadway \$100,000 temporary signal \$350,000 new signal	excludes dry utility relocation (if applicable); signal cost estimate reflects Washington Street interconnect
O	Washington/North	Move North north to align with DuPage Children's Museum Access	Yes	TBD	City	\$400,000 roadway \$100,000 temporary signal \$350,000 signal	includes signal modification, temporary signal, widening, and signal pole relocation; excludes dry utility relocation; assumes use of existing right-of-way and Parkview Lot (excludes right-of-way acquisition cost)
P	Loomis/North	Align Loomis across North Ave	No	N/A	City		
Q	Mill / 6th Ave	Align 6th across Mill St.	No	N/A	City		