Appendix A: 2022 Traffic Engineering Improvement Program - Funded Projects

2022 Traffic Engineering Improvements Program - Funded Projects		
		Estimated Cost
LOWER MOUNTED FLASHING LIGHTS - PEDESTRIAN UPGRADES[1]		
Low-Mounted Flashing Lights at Pedestrian Crosswalk (Option 2)[1]		$ 145,000
	sub-total	$ 145,000
ADVANCED WARNING FLASHERS		
Dugald Rd & Lagimodiere Blvd SB		$ 45,000
	sub-total	$ 45,000
PEDESTRIAN CROSSING IMPROVEMENTS		
Pedestrian Crossings at Various Locations - as detailed in the Sept 2021 SPC-IRPW Report[2]		$ 1,000,000
Pembina Highway & Victoria General Hospital - Half Signal		150,000
Redwood Ave & Charles St - Pedestrian Corridor		75,000
Corydon Ave & Park Blvd - Pedestrian Corridor		100,000
River Rd & Nicolett Ave - RRFB		25,000
River Rd & Shirley Render Park - Curb Ramp and Sidewalk Installation		20,000
	sub-total	$ 1,370,000
RAILWAY CROSSING IMPROVEMENTS		
Grandmont Sidewalk Relocation		$ 30,000
	sub-total	$ 30,000
RESEARCH STUDIES AND OPERATIONAL REVIEWS		
Zipper Merge Public Education Campaign		5,000
Downtown Complete Streets Guidelines - Partial Funding		50,000
	sub-total	$ 55,000
TRAFFIC CALMING [3]		
Niakwa Rd - Royal Salinger Rd to the Seine River		50,000
Watson St - Jefferson Av to Leila Av		250,000
	sub-total	$ 300,000
TRAFFIC SIGNALS[4]		
El Tassi Dr-Ivybridge Gate & Peguist St - Pedestrian Crossing/Traffic Signals		165,000
Transcona Blvd & Chelston Gate-Veteran's Way - Pedestrian Crossing/Traffic Signals		165,000
	sub-total	$ 330,000
2022 TEIP Projects		$ 2,275,000
Contingency and Reserve Funds for New Projects Throughout 2022		$ 185,000
TOTAL		**$ 2,460,000**

[1] The 2022 budget includes $145,000 for Low-Mounted Flashing Lights at Pedestrian Crosswalks (as detailed in the June 2020 SPC-IRPW Report). The total estimated cost of this project is $1,650,000.

[2] The 2022 budget inludes $1,000,000 for the installation of warranted pedestrian crossing control at various locations (as detailed in the Sept 2021 SPC-IRPW Report). The total estimated cost of this project is $2,775,000.

[3] Traffic Calming project cost estimates are based on past projects of similar size and scale. Design to be determined through public consultation.

[4] Traffic Signals costs to the TEIP program are pending design completion and cost sharing agreements. This estimate reflects the City portion of the cost estimate.