

Public Works Department 2019-2024 Capital Budget Presentation

**Standing Policy Committee
on Infrastructure Renewal and Public Works**

March 7 , 2019



Proposed Capital Budget 2019-2024

Provincial Funding Reductions (part 1 of 6)

	Budget Year	Previously Forecasted Provincial Roads Funding	Revised Provincial Roads Funding	Total Reduction
Prior Budget (previously authorized)	2018	\$ 50,000	\$ 10,000	\$ (40,000) *
Current Budget	2019	\$ 50,000	\$ 17,000	\$ (33,000)
	2020	\$ 50,000	\$ 15,000	\$ (35,000)
	2021	\$ 50,000	\$ 29,100	\$ (20,900)
	2022	\$ 50,000	\$ 29,100	\$ (20,900)
	2023	\$ 50,000	\$ 9,800	\$ (40,200)
	2024	\$ 50,000	\$ -	\$ (50,000)
Total	2019 - 2024	\$ 300,000	\$ 100,000	\$ (200,000)
Total	2018 - 2024	\$ 350,000	\$ 110,000	\$ (240,000)

* Shortfall - projects authorized - to be recovered in 2019 (\$20,000) & 2020 (\$20,000) Regional and Local Street Renewals

Proposed Capital Budget 2019-2024

Provincial Funding Reductions (part 2 of 6)

Previous Provincial Commitments for 2018 Roads Funding

as at February 13, 2019

	Provincial Funding in 2018 Adopted Budget	Revised 2018 Provincial Funding	Provincial Funding Shortfall
Regional and Local Street Renewal Program	\$ 40,000	\$ 10,000	\$ (30,000)
Pedestrian and Cycling Program	\$ 2,700	\$ -	\$ (2,700)
Fermor Avenue Bridge (Seine River)	\$ 2,025	\$ -	\$ (2,025)
Saskatchewan Avenue Culvert (Sturgeon Creek)	\$ 1,925	\$ -	\$ (1,925)
Waterway Crossing and Grade Separations - Annual Program	\$ 1,500	\$ -	\$ (1,500)
Traffic Engineering Improvements - Various Locations	\$ 850	\$ -	\$ (850)
Permanent Traffic Monitoring Stations	\$ 385	\$ -	\$ (385)
Dublin Avenue Bridge (Omand's Creek)	\$ 350	\$ -	\$ (350)
Traffic Signals Improvements	\$ 215	\$ -	\$ (215)
Traffic Signals Loops	\$ 50	\$ -	\$ (50)
Total	\$ 50,000	\$ 10,000	\$ (40,000)

Proposed Capital Budget 2019-2024

Provincial Funding Reductions (part 3 of 6)

Regional and Local Street Program Impacts to 2019 and Forecast (Approved in Principal - Sept. 20, 2018) to Current Budget (in thousands)

Budget Year	Council Approved in Principle 20-Sep-18	Reduction of Provincial Funding	Repayment of 2018 Provincial Roads Funding Shortfall	Other	Current Budget
2019	\$ 128,436	\$ (28,000)	\$ (20,000)	\$ 6,000	\$ 86,436
2020	\$ 152,036	\$ (25,000)	\$ (20,000)	\$ 4,586	\$ 111,622
2021	\$ 165,036	\$ (10,900)	\$ -	\$ -	\$ 154,136
2022	\$ 175,436	\$ (10,900)	\$ -	\$ -	\$ 164,536
2023	\$ 177,436	\$ (30,200)	\$ -	\$ -	\$ 147,236
2024	\$ 177,836	\$ (40,000)	\$ -	\$ -	\$ 137,836
Total	\$ 976,216	\$ (145,000)	\$ (40,000)	\$ 10,586	\$ 801,802

Impact on the Regional and Local Street Renewal program - program reduced by \$185 million from the adopted in principal due to Provincial Funding Reductions

Proposed Capital Budget 2019-2024

Provincial Funding Reductions (part 4 of 6)

2019 Street Renewal Capital Program – \$86.4 million

- Total forecast as approved by Council on September 20, 2018: \$128.4 million

Comparison of 2019 Preliminary and 2019 Forecast	
Decrease due to loss of Provincial funding for 2019 regional (\$8 million) and local (\$20 million) streets	(\$28.0) million
Decrease due to loss of Provincial funding for 2018 local streets	(\$20.0) million
City funding - Prior Year Surplus	6.0 million
Total Decrease	(42.0) million

- A decrease of \$29.6 million in comparison to 2018 capital program (\$116.0 million)

Proposed Capital Budget 2019-2024

Provincial Funding Reductions (part 5 of 6)

Pedestrian and Cycling Program

Reconciliation of Original Budget (Approved in Principal - Dec 12, 2017)

(in thousands)

Council Adopted - 2018 Capital Budget						
Budget Year	Total Program Funding	Repayment Interim Financing (*)	Program net of Repayment	Reduction of Provincial Funding	Other	Proposed Budget
2019	\$ 5,400	\$ -	\$ 5,400	\$ (2,700)	\$ 324	\$ 3,024
2020	\$ 5,400	\$ -	\$ 5,400	\$ (2,777)	\$ (808)	\$ 1,815
2021	\$ 5,555	\$ (155)	\$ 5,400	\$ (4,250)	\$ (1,000)	\$ 150
2022	\$ 8,672	\$ (3,272)	\$ 5,400	\$ (2,400)	\$ -	\$ 3,000
2023	\$ 5,823	\$ (423)	\$ 5,400	\$ (2,700)	\$ -	\$ 2,700
2024 (**)	\$ 5,400	\$ -	\$ 5,400	\$ (2,700)	\$ -	\$ 2,700
Total	\$ 36,250	\$ (3,850)	\$ 32,400	\$ (17,527)	\$ (1,484)	\$ 13,389

() interim financing of \$3.85 million relates to the 2017 capital project for Chief Peguis Trail - Kildonan Settlers Bridge Pedestrian and Cycling Improvements.*

*(**) -2017 Capital Forecast ended in 2023 - assumes 2024 program consistent with unreduced 2023.*

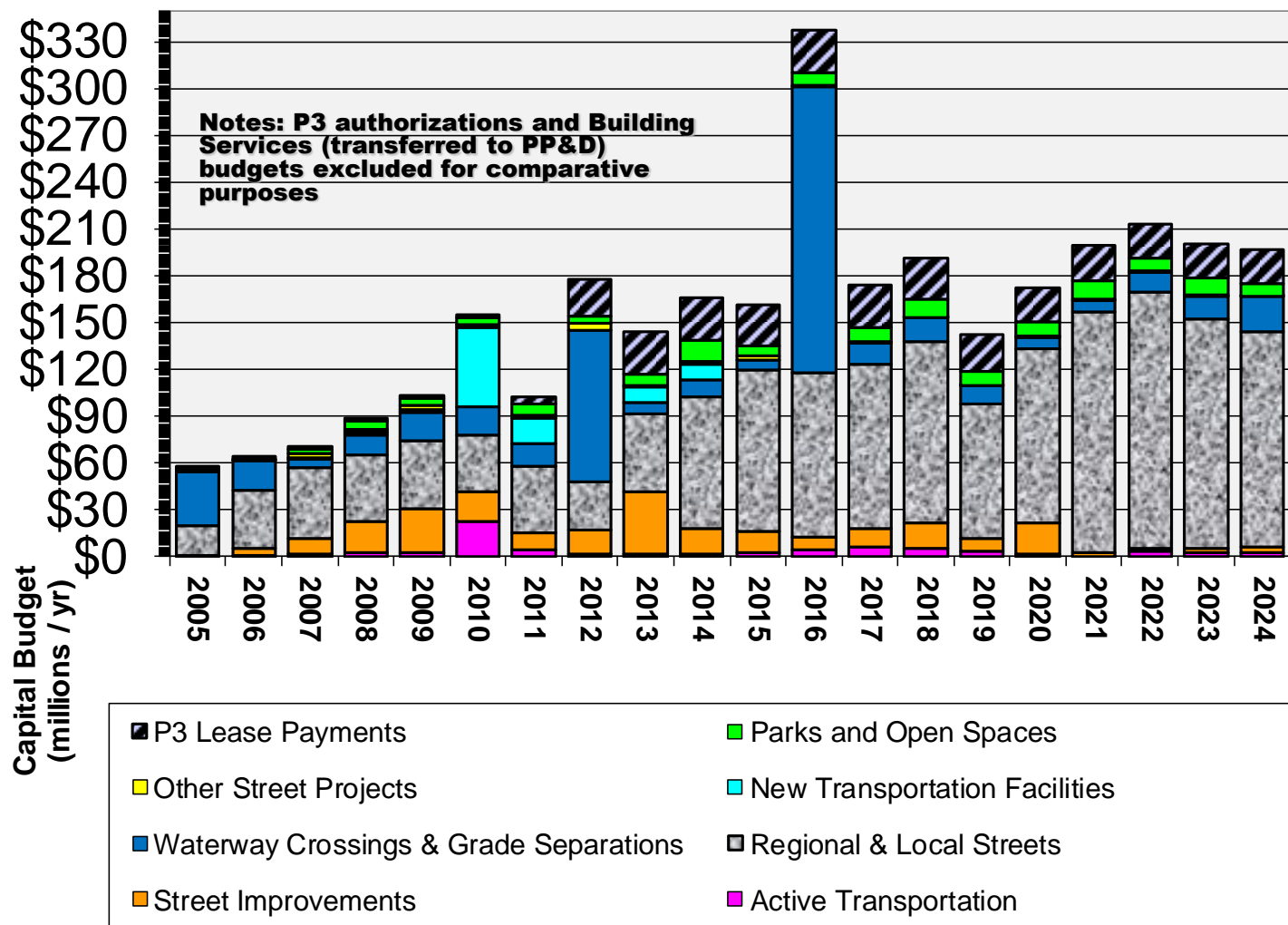
Proposed Capital Budget 2019-2024

Provincial Funding Reductions (part 6 of 6)

PEDESTRIAN AND CYCLING PROGRAM Authorization (\$000's)	2019 Action Plan Adopted Dec 18,2018	2019 Proposed
<u>New Non-Regional Sidewalks:</u>		
Cliffwood Dr west/Newcroft Rd north/Shamrock Dr south	200	200
Wellington Cres, north side, from Omand's Path to Renfrew St	200	200
<u>Bicycle Corridors:</u>		
St Boniface West -- East Corridor Study and Improvements	550	550
Maryland Ave/Sherbrook Ave Upgrade to Protected Bike Lane	250	324
Leila Ave Bicycle Facility - Study & Functional Design	250	
Keewatin St Pathway --Burrows Ave to Gallagher Ave Functional Design	300	
West Broadway to University of Winnipeg Connection -- Preliminary Design	200	
<u>Recreational Walkways and Bicycle Paths:</u>		
Transcona Trail -- Regent Ave to Panet Ave Property Acquisition and Construction	1,700	
North Winnipeg Parkway -- Rover Ave to Chief Peguis Trail Study	300	300
Northwest Hydro Corridor Construction--phase 2 & 3	1,100	1,100
Bicycle Parking Partnership Grants	25	25
Communications and Promotions	25	25
Partnership Grant Program:	175	175
Bicycle parking in Parks, various locations	75	75
Communications, Education and Promotions	25	25
Active Safe Routes to School, various locations	50	50
Bicycle Wayfinding Production and Installation		
Total Pedestrian and Cycling Program	5,400	3,024

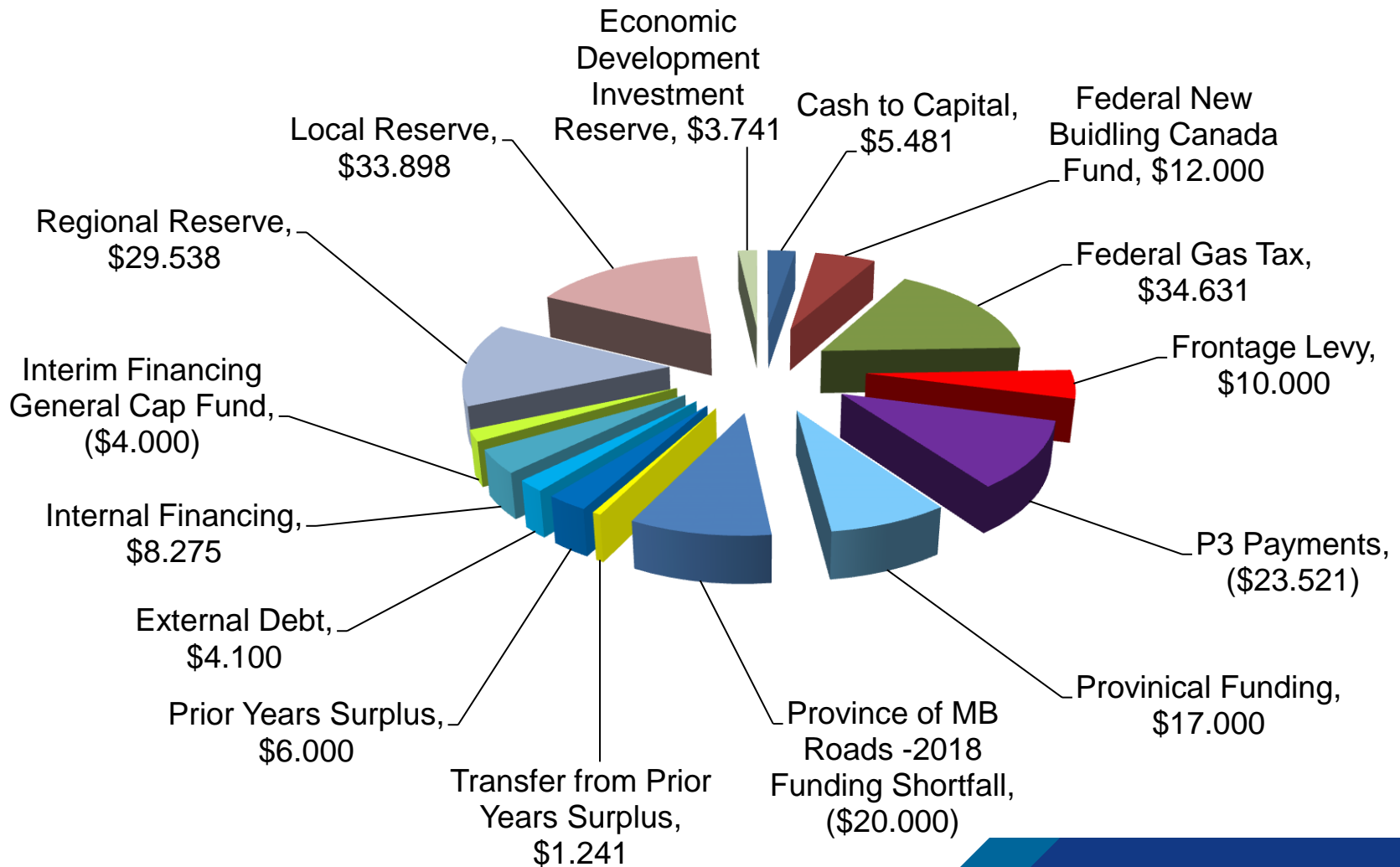
Proposed Capital Budget 2019-2024

Capital Budgets – 2005-2024



Proposed Capital Budget 2019-2024

2019 Funding Sources – in millions



PW Total - \$118,384

Proposed Capital Budget 2019-2024

Fund (\$ in thousands)	2018 <i>Budget Adopted</i>	2019 Budget Proposed	2020 – 2024 Forecast	6 Yr Total Budget	% of 6 Yr PW Total Budget
Active Transportation Facilities	\$5,400	\$3,024	\$10,365	\$13,389	1%
Street Improvements	\$16,266	\$8,708	\$29,591	\$38,299	4%
Regional and Local Streets	\$116,000	\$86,436	\$715,339	\$801,802	81%
Waterway Crossings and Grade Separations	\$15,800	\$11,163	\$65,722	\$76,885	8%
New Transportation Facilities (P3's)	\$0	\$0	\$0	\$0	0%
Other Streets Projects	\$100	\$400	\$3,030	\$3,430	1%
Parks and Open Spaces	\$11,160	\$8,653	\$46,309	\$56,379	5%
Total	\$164,726	\$118,384	\$871,800	\$990,184	100.0%

Proposed Capital Budget 2019-2024

Active Transportation

(in thousands)	2019 Estimate	2020 Forecast	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast	6 Year Total
Pedestrian & Cycling Program (2-1)	\$3,024	\$1,815	\$150	\$3,000	\$2,700	\$2,700	\$13,389
Interim Financing - \$3,850 for Chief Peguis Trail (2018) (Council Sept 27, 2017)		(\$155)	(\$3,272)	(\$423)			
Tache Promenade (2-5)	\$-	*	\$-	\$-	\$-	\$-	\$-
ACTIVE TRANSPORTATION TOTAL	\$3,024	\$1,815	\$150	\$3,000	\$2,700	\$2,700	\$13,389
OTHER ACTIVE TRANSPORTATION IN THE CAPITAL BUDGET (3-33) <i>(Roads, Bridges, & Developer Paybacks)</i>	\$6,250	\$TBA	\$TBA	TBA	TBA	TBA	
TOTAL AT INVESTMENT	\$9,274	\$TBA	TBA	TBA	TBA	TBA	

* - \$3,000 Cash to Capital offset by Interim Financing from General Capital Fund

Proposed Capital Budget 2019-2024

Street Improvements (part 1 of 2)

(in thousands)	2019 Estimate	2020 Forecast	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast	6 Year Total
Developer Payback (2-6)	\$-	\$16,113	\$-	\$-	\$-	\$-	\$16,113
Tuxedo Yards (2-7)	\$3,741	\$-	\$-	\$-	\$-	\$-	\$3,741
Transportation Master Plan (2-8)	\$250	\$875	\$125	\$250	\$250	\$250	\$2,000
Traffic Signals Improvements (2-9)	\$1,030	\$688	\$342	\$-	\$-	\$-	\$2,060
Traffic Signals – Loop Replacement (2-10)	\$250	\$125	\$250	\$250	\$250	\$250	\$1,375
Permanent Traffic Monitoring Stations (2-11)	\$945	\$623	\$-	\$-	\$-	\$-	\$1,568

Proposed Capital Budget 2019-2024

Street Improvements (part 2 of 2)

(in thousands)	2019 Estimate	2020 Forecast	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast	6 Year Total
Traffic Engineering Improvements (2-12)	\$1,575	\$950	\$1,900	\$1,300	\$1,900	\$1,900	\$9,525
Inner Ring Road – Functional Design (2-13)	\$-	\$-	\$-	\$-	\$-	\$1,000	\$1,000
Marion Street Improvements - Functional Design Study (2-14)	\$917	\$-	\$-	\$-	\$-	\$-	\$917
STREET IMPROVEMENTS TOTAL	\$8,708	\$19,374	\$2,617	\$1,800	\$2,400	\$3,400	\$38,299

Proposed Capital Budget 2019-2024

Regional and Local Streets (part 1 of 3)

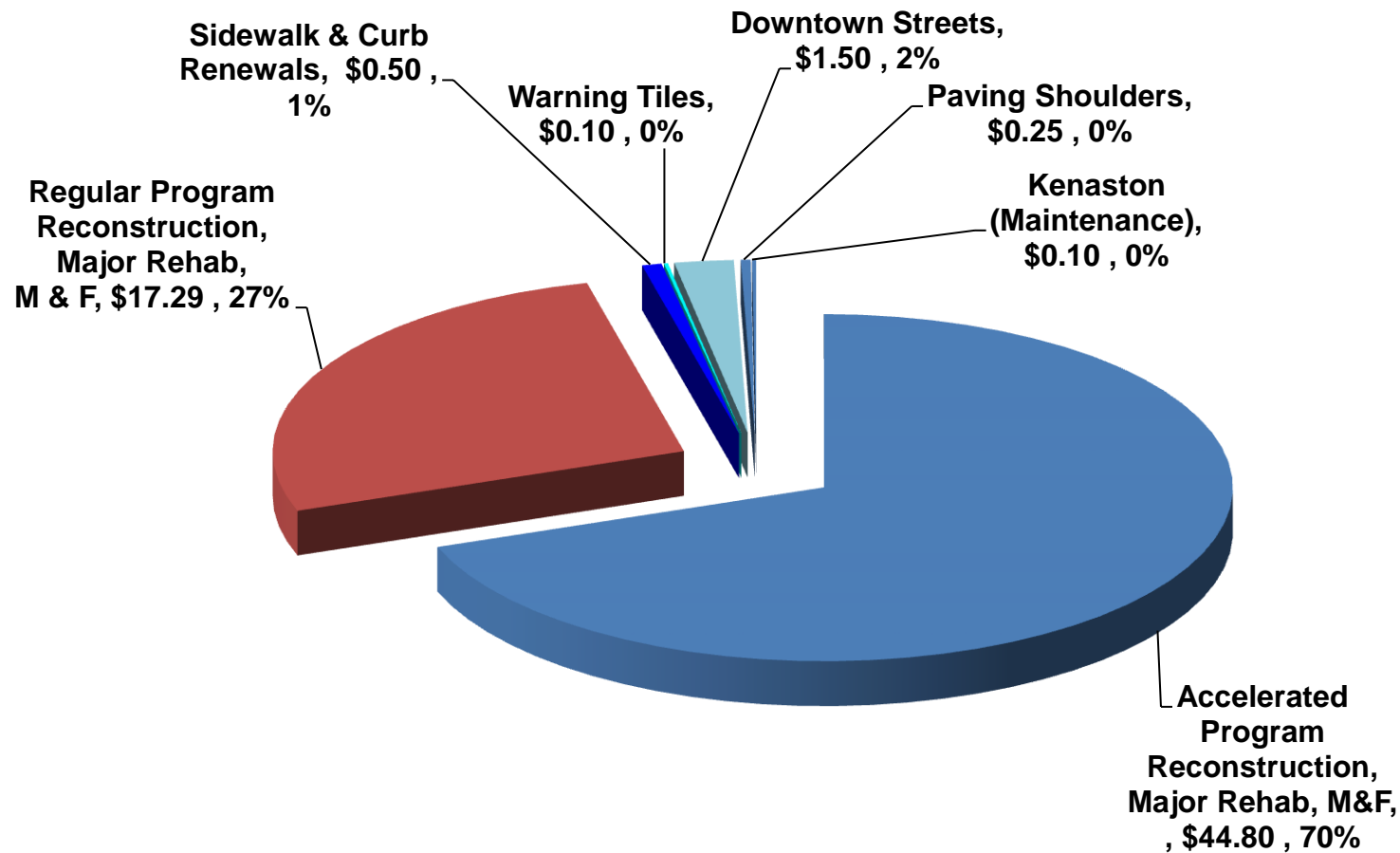
(in thousands)	2019 Estimate	2020 Forecast	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast	6 Year Total
REGIONAL & LOCAL (2-15)	\$86,436	\$111,622	\$154,136	\$164,536	\$147,236	\$137,836	\$801,802
<u>ACCELERATED REGIONAL STREETS RENEWALS</u> <u>(2-18)</u>							
<i>Reconstruction, Major Rehab & Mill and Fill</i>	\$44,800	\$71,386	\$84,500	\$80,400	\$37,400	\$-	\$318,486
<u>NON-ACCELERATED REGIONAL STREETS PROGRAM</u> <u>(2-20)</u>							
<i>Reconstruction, Major Rehab & Mill & Fill</i>	\$17,288	\$2,750	\$9,488	\$17,788	\$32,488	\$49,088	\$128,890
<i>Sidewalk & Curb Renewals</i>	\$500	\$500	\$500	\$500	\$500	\$500	\$3,000

Proposed Capital Budget 2019-2024

Regional and Local Streets (part 2 of 3)

(in thousands)	2019 Estimate	2020 Forecast	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast	6 Year Total
REGIONAL & LOCAL (2-15)	\$86,436	\$111,622	\$154,136	\$164,536	\$147,236	\$137,836	\$801,802
<u>NON-ACCELERATED REGIONAL STREETS PROGRAM</u>							
<u>Cont'd</u>							
<i>Paving of Granular Shoulders</i>	\$250	\$250	\$250	\$250	\$250	\$250	\$1,500
<i>Detectable Warning Surface Tiles</i>	\$100	\$100	\$100	\$100	\$100	\$100	\$600
<i>Downtown Streets</i>	\$1,500	\$300	\$1,500	\$1,500	\$1,500	\$1,500	\$7,800
<i>Kenaston Blvd – Ness to Taylor</i>	\$100	\$100	\$100	\$100	\$100	\$100	\$600
<i>TOTAL REGULAR PROGRAM</i>	\$19,738	\$2,000	\$11,938	\$20,238	\$34,938	\$51,538	\$140,390
<i>TOTAL COMBINED REGIONAL PROGRAM</i>	<u>\$64,538</u>	\$73,386	\$96,438	\$100,638	\$72,338	\$51,538	\$458,876
<i>Regional as % of Total Reg & Local Program</i>	<u>(75%)</u>	(66%)	(63%)	(61%)	(49%)	(37%)	(57%)

Proposed Capital Budget 2019-2024



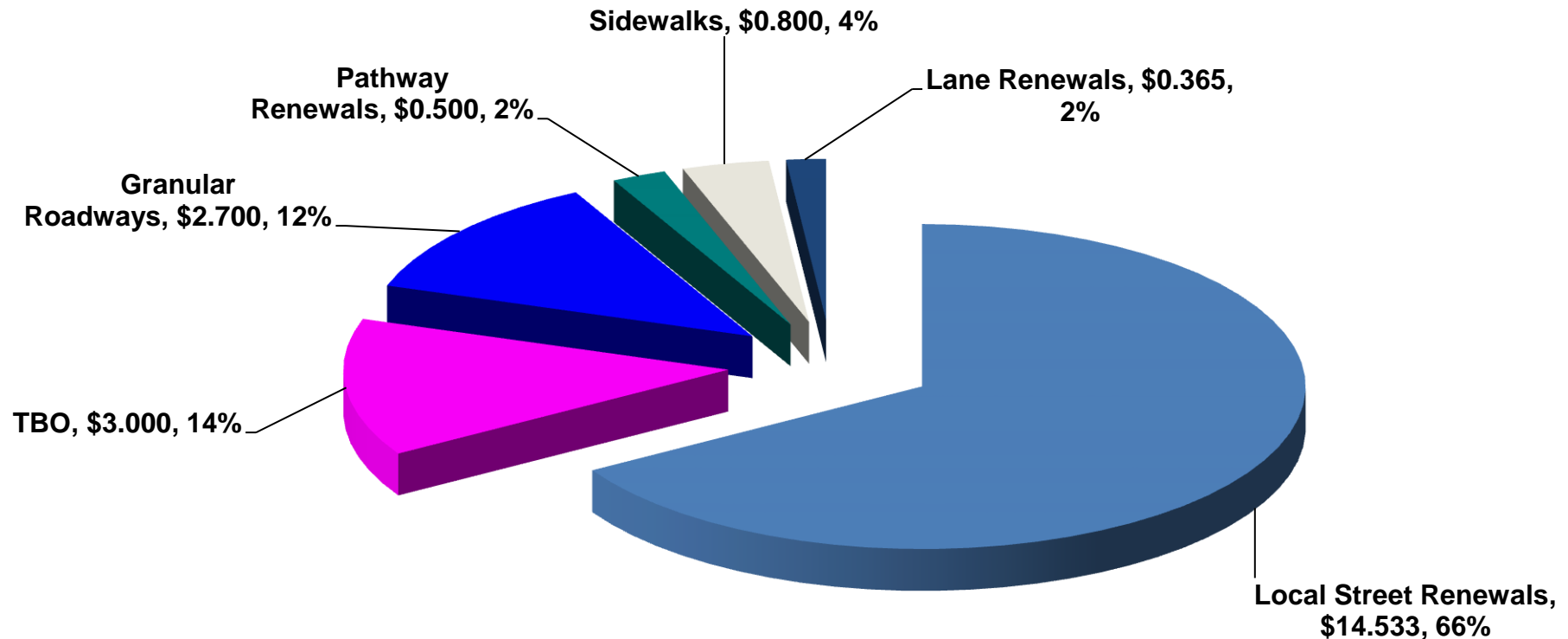
REGIONAL STREETS 2019 (\$64.538 MILLION)

Proposed Capital Budget 2019-2024

Regional and Local Streets (part 3 of 3)

(in thousands)	2019 Estimate	2020 Forecast	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast	6 Year Total
REGIONAL & LOCAL (2-15)	\$86,436	\$111,622	\$154,136	\$164,53	\$147,236	\$137,836	\$801,802
<u>LOCAL STREETS (2-23)</u>							
<i>Local Street Renewals</i>	\$14,533	\$28,966	\$42,748	\$53,348	\$64,348	\$75,748	\$279,691
<i>Granular Roadway Improvements</i>	\$2,700	\$2,400	\$1,500	\$1,500	\$1,500	\$1,500	\$11,100
<i>Lane Renewals</i>	\$365	\$570	\$7,150	\$2,750	\$2,750	\$2,750	\$16,335
<i>Sidewalk Renewals</i>	\$800	\$800	\$800	\$800	\$800	\$800	\$4,800
<i>Thin Bituminous Overlays</i>	\$3,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$28,000
<i>Recreational Walkways & Bike Pathway Renewals</i>	\$500	\$500	\$500	\$500	\$500	\$500	\$3,000
LOCAL TOTAL	\$21,898	\$38,236	\$57,698	\$ 63,898	\$ 74,898	\$86,298	\$342,926
Local as % of Total Reg & Local Program	(25%)	(34%)	(37%)	(39%)	(51%)	(63%)	(43%)

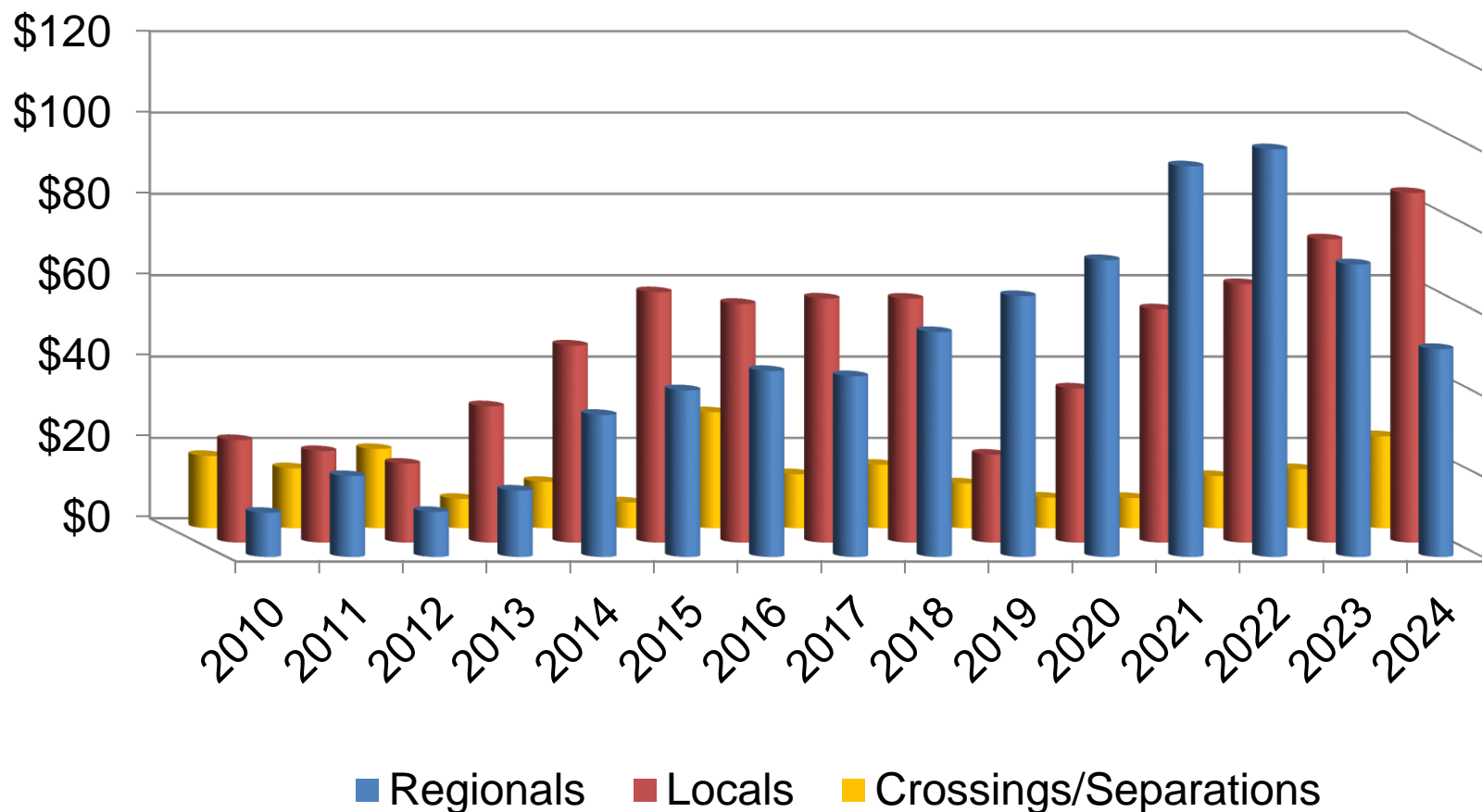
Proposed Capital Budget 2019-2024



LOCAL STREETS 2019 (\$ 21,898 million)

Proposed Capital Budget 2019-2024

Regional & Local Street Renewals and Waterway Crossings & Grade Separations (in millions)



Excludes major tri-level projects

Proposed Capital Budget 2019-2024

Waterway Crossings & Grade Separations (part 1 of 3)

	2019 Estimate	2020 Forecast	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast	6 Year Total
(in thousands)							
Fermor Ave Bridge (Seine River) (2-22)	\$4,600	\$-	\$-	\$-	\$-	\$-	\$4,600
Osborne St Underpass (2-23)	\$-	\$-	\$-	\$-	\$-	\$1,100	\$1,100
Dublin Ave Bridge (Omand's Creek) (2-24)	\$700	\$3,300	\$-	\$-	\$-	\$-	\$4,000
Sherwin Rd Bridge (Omand's Creek) (2-25)	\$700	\$1,400	\$1,400	\$-	\$-	\$-	\$3,500

Proposed Capital Budget 2019-2024

Waterway Crossings & Grade Separations (part 2 of 3)

	2019 Estimate	2020 Forecast	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast	6 Year Total
(in thousands)							
Pembina Hwy Overpass (Bishop Grandin) (2-26)	\$-	\$950	\$2,000	\$8,000	\$7,700	\$-	\$18,650
Kenaston Route 90 Widening & St James Bridges (2-27)	\$2,163	\$-	\$-	\$-	\$-	\$-	\$2,163
St Vital Bridge (2-28)	\$-	\$-	\$-	\$2,000	\$3,000	\$16,800	\$21,800
Lagimodiere Twin Overpass Rehabilitation (2-29)	\$-	\$-	\$-	\$-	\$1,000	\$2,000	\$3,000

Proposed Capital Budget 2019-2024

Waterway Crossings & Grade Separations (part 3 of 3)

(in thousands)	2019 Estimate	2020 Forecast	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast	6 Year Total
Waterway Crossings and Grade Separations – Annual Program (2-30)	\$3,000	\$1,964	\$4,108	\$3,000	\$3,000	\$3,000	\$18,072
Disraeli Bridge and Overpass Facility (2-31)	\$14,780*	\$13,113*	\$13,167*	\$13,222*	\$13,325*	\$13,335*	\$80,942*
Charleswood Bridge (2-33)	\$1,478*	\$1,478*	\$1,478*	\$1,478*	\$1,478*	\$1,478*	\$8,868*
<i>Total Lease Payments</i>	\$16,258*	\$14,591*	\$14,645*	\$14,700*	\$14,803*	\$14,813*	\$89,810*
			(*- P3 Annual Payments)				
WATERWAY CROSSINGS & GRADE SEPARATIONS – TOTAL (Excludes P3 Annual Payments)	\$11,163	\$7,614	\$7,508	\$13,000	\$14,700	\$22,900	\$76,885

Proposed Capital Budget 2019-2024

New Transportation Facilities

(in thousands)

	2019 Estimate	2020 Forecast	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast	6 Year Total
Chief Peguis Trail – Henderson To Lagimodiere (2-34)	\$7,263*	\$7,308*	\$7,353*	\$7,399*	\$7,446*	\$7,494*	\$44,263*
			(* - Annual Lease Payments)				

Proposed Capital Budget 2019-2024

Other Streets Projects

(in thousands)	2019 Estimate	2020 Forecast	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast	6 Year Total
Work Management/ Asset Management System (2-36)	\$300	\$-	\$-	\$-	\$-	\$-	\$300
Asset Management System (2-37)	\$100	\$100	\$100	\$100	\$100	\$100	\$600
Land Acquisition – Transportation Right of Way (2-38)	\$-	\$950	\$680	\$300	\$300	\$300	\$3,430
OTHER STREETS PROJECTS - TOTAL	\$400	\$1,050	\$780	\$400	\$400	\$400	\$3,430

Questions?

Public Works Department 2019-2024 Capital Budget Presentation

Thank you