



Public Works Department

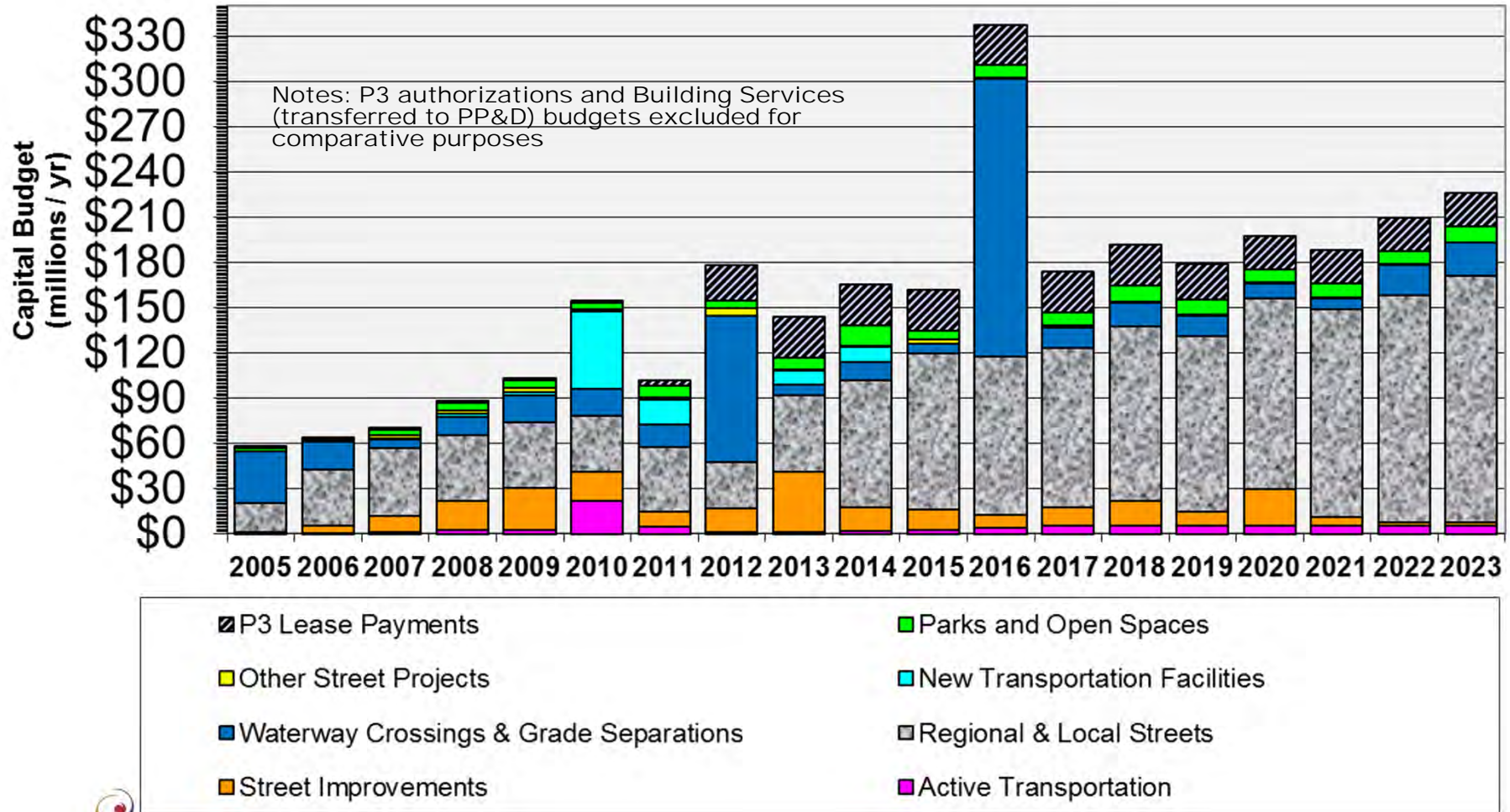
2018-2023 Capital Budget Presentation

Standing Policy Committee on Infrastructure Renewal and Public Works

December 1st, 2017

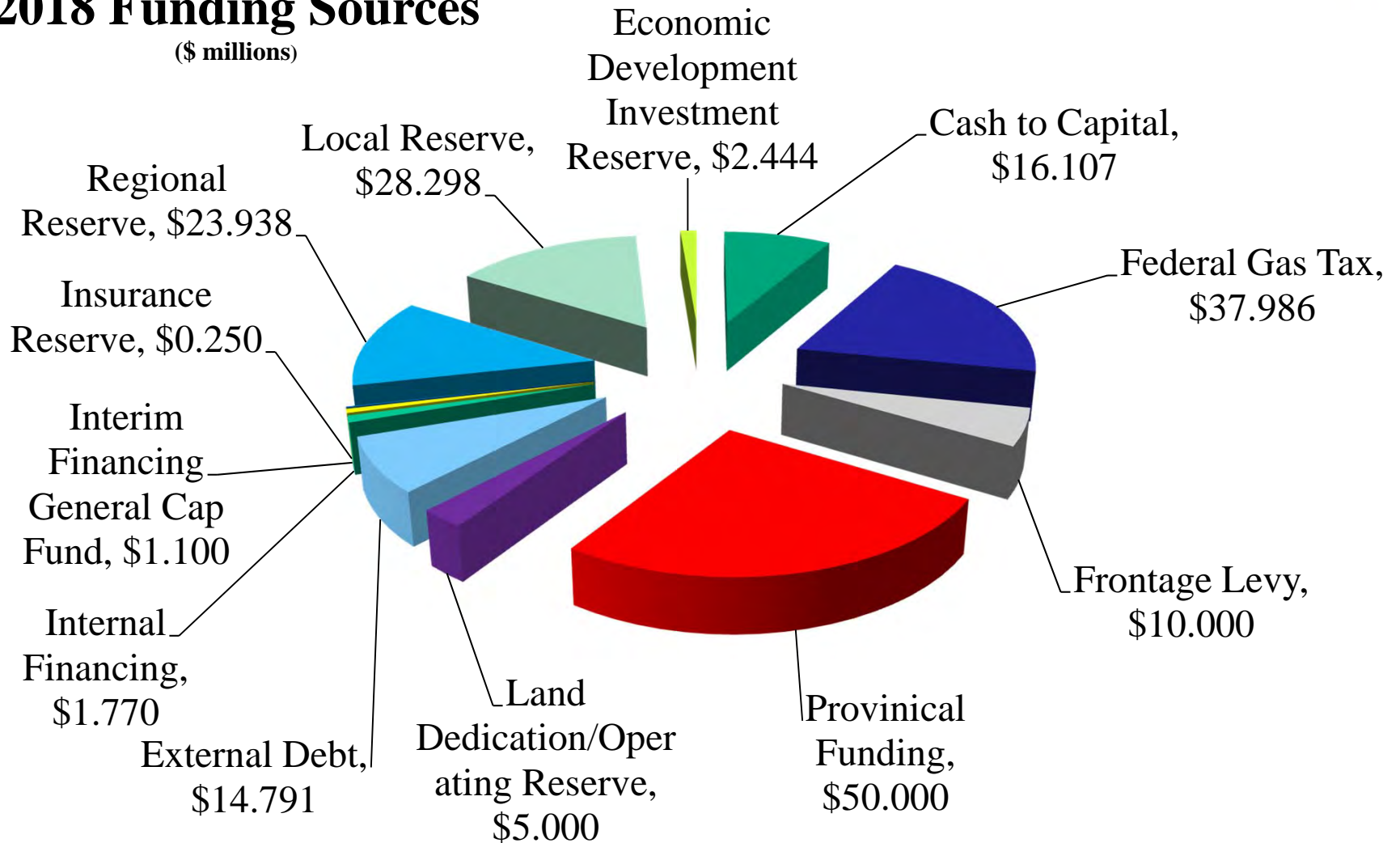


Capital Budgets 2005-2023



2018 Funding Sources

(\$ millions)



PW Total - \$164,726



Proposed Capital Budget Programs

Fund (\$ in thousands)	2017 Budget Adopted	2018 Budget Proposed	2019 – 2023 Forecast	6 Yr Total Budget	% of 6 Yr PW Total Budget
Active Transportation Facilities	\$5,700	\$5,400	\$27,000	\$32,400	3%
Street Improvements	\$12,129	\$16,266	\$43,722	\$59,988	6%
Regional and Local Streets	\$105,180	\$116,000	\$694,980	\$810,980	77%
Waterway Crossings and Grade Separations	\$13,445	\$15,800	\$72,763	\$88,563	8%
New Transportation Facilities (P3's)	\$0	\$0	\$0	\$0	0%
Other Streets Projects	\$1,559	\$100	\$2,300	\$2,400	1%
Parks and Open Spaces	\$9,011	\$11,160	\$47,162	\$58,322	5%
Total	\$147,024	\$164,726	\$887,927	\$1,052,653	100.0%

Proposed Capital Program ACTIVE TRANSPORTATION 2018-2023

(in thousands)	2018 Estimate	2019 Forecast	2020 Forecast	2021 Forecast	2022 Forecast	2023 Forecast	6 Year Total
Pedestrian & Cycling Program (2-1)	\$5,400	\$5,400	\$5,400	\$5,400	\$5,400	\$5,400	\$32,400
Tache Promenade (2-6)	\$-	\$-	*	\$-	\$-	\$-	\$-
ACTIVE TRANSPORTATION TOTAL	\$5,400	\$5,400	\$5,400	\$5,400	\$5,400	\$5,400	\$32,400
OTHER ACTIVE TRANSPORTATION IN THE CAPITAL BUDGET (3-33) (Roads, Bridges, & Developer Paybacks)	\$11,850	\$8,500	\$TBA	TBA	TBA	TBA	
TOTAL AT INVESTMENT	\$17,250	\$13,900	TBA	TBA	TBA	TBA	

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

Proposed Capital Program

STREET IMPROVEMENTS

2018-2023 (part 1 of 2)

(in thousands)	2018 Estimate	2019 Forecast	2020 Forecast	2021 Forecast	2022 Forecast	2023 Forecast	6 Year Total
Developer Payback (2-7)	\$10,137	\$-	\$16,113	\$-	\$-	\$-	\$26,250
Tuxedo Yards (2-9)	\$2,444	\$1,874	\$1,880	\$-	\$-	\$-	\$6,198
Transportation Master Plan (2-10)	\$-	\$250	\$250	\$250	\$250	\$250	\$1,250
Traffic Signals Improvements (2-11)	\$215	\$1,030	\$1,030	\$1,030	\$-	\$-	\$3,305
Traffic Signals – Loop Replacement (2-12)	\$100	\$250	\$250	\$250	\$250	\$250	\$1,350
Permanent Traffic Monitoring Stations (2-13)	\$770	\$945	\$645	\$-	\$-	\$-	\$2,360

Proposed Capital Program
STREET IMPROVEMENTS
 2018-2023 (part 2 of 2)

(in thousands)	2018 Estimate	2019 Forecast	2020 Forecast	2021 Forecast	2022 Forecast	2023 Forecast	6 Year Total
Traffic Engineering Improvements (2-14)	\$1,100	\$2,375	\$1,900	\$1,900	\$1,900	\$1,900	\$11,075
Parking and Street Enhancements Program in Exchange District (2-15)	\$1,500						\$1,500
Henderson Hwy N. of Gilmore to City Limit (2-16)	\$-	\$700	\$-	\$-	\$-	\$-	\$700
Inner Ring Road – Functional Design (2-17)	\$-	\$2,000	\$2,000	\$2,000	\$-	\$-	\$6,000
STREET IMPROVEMENTS TOTAL	\$16,266	\$9,424	\$24,068	\$5,430	\$2,400	\$2,400	\$59,988



Proposed Capital Program REGIONAL & LOCAL STREETS

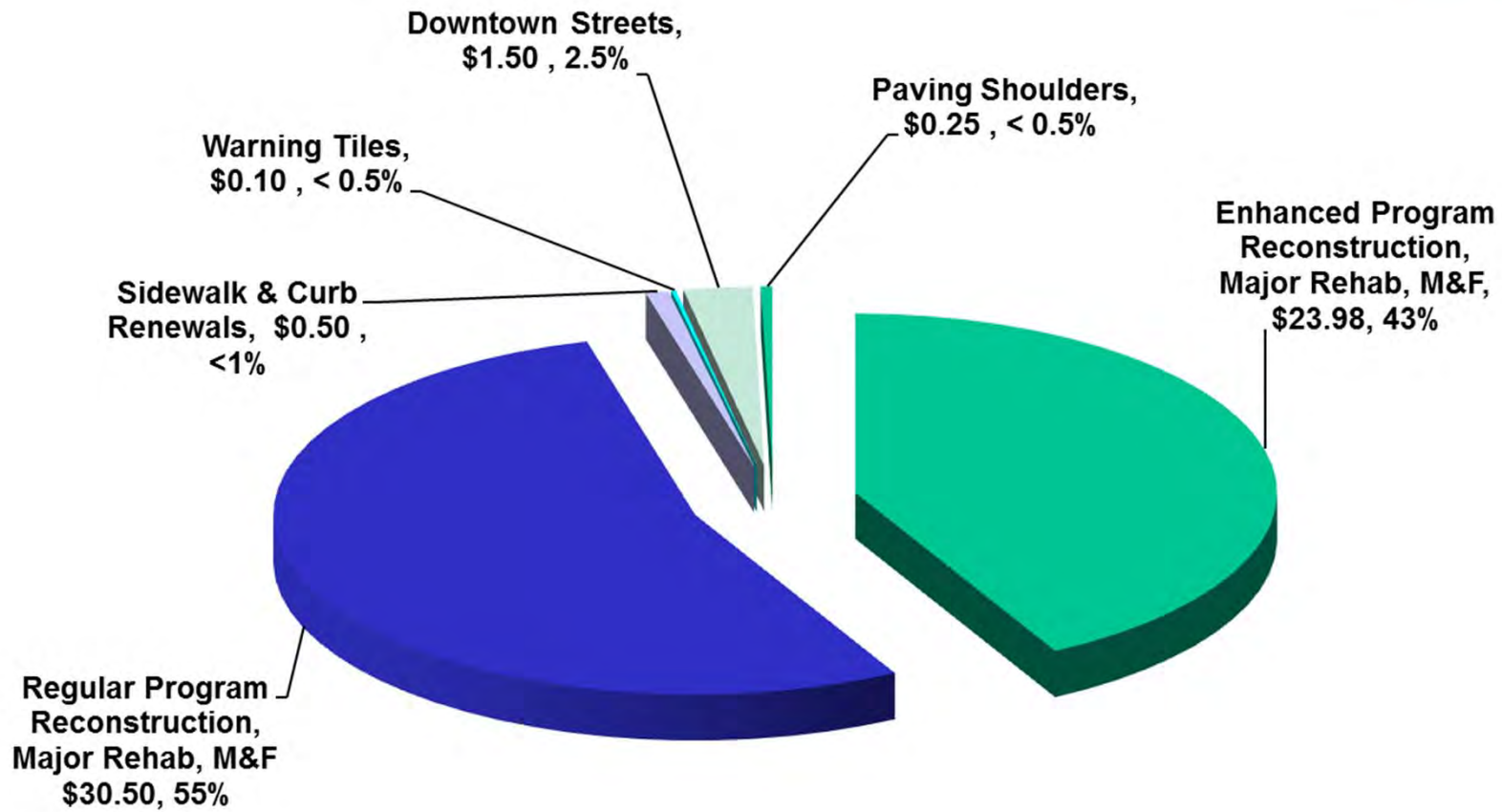
2018-2023 (part 1 of 3)

(in thousands)	2018 Estimate	2019 Forecast	2020 Forecast	2021 Forecast	2022 Forecast	2023 Forecast	6 Year Total
REGIONAL & LOCAL (2-18)	\$116,000	\$116,236	\$126,638	\$138,436	\$150,636	\$163,026	\$810,980
<u>ENHANCED REGIONAL STREETS PROGRAM</u>							
<u>(2-21)</u>							
Reconstruction, Major Rehab & Mill and Fill	\$23,938	\$29,438	\$35,138	\$41,038	\$47,138	\$48,998	\$225,688
<u>REGULAR REGIONAL STREETS PROGRAM</u>							
<u>(2-22)</u>							
Reconstruction, Major Rehab & Mill & Fill	\$29,414	\$22,650	\$20,650	\$17,650	\$17,650	\$17,650	\$125,664
Sidewalk & Curb Renewals	\$500	\$500	\$500	\$500	\$500	\$500	\$3,000

Proposed Capital Program REGIONAL & LOCAL STREETS

2018-2023 (part 2 of 3)

(in thousands)	2018 Estimate	2019 Forecast	2020 Forecast	2021 Forecast	2022 Forecast	2023 Forecast	6 Year Total
REGIONAL & LOCAL (2-18)	\$116,000	\$116,236	\$126,636	\$138,436	\$150,636	\$163,036	\$810,980
<u>REGULAR REGIONAL STREETS PROGRAM 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	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$9,000
TOTAL REGULAR PROGRAM	\$31,764	\$25,000	\$23,000	\$20,000	\$20,000	\$20,000	\$139,764
TOTAL COMBINED REGIONAL PROGRAM	<u>\$55,702</u>	\$54,438	\$58,138	\$61,038	\$67,138	\$68,998	\$365,452
Regional as % of Total Reg & Local Program	<u>(48%)</u>	(47%)	(46%)	(44%)	(45%)	(42%)	(45%)

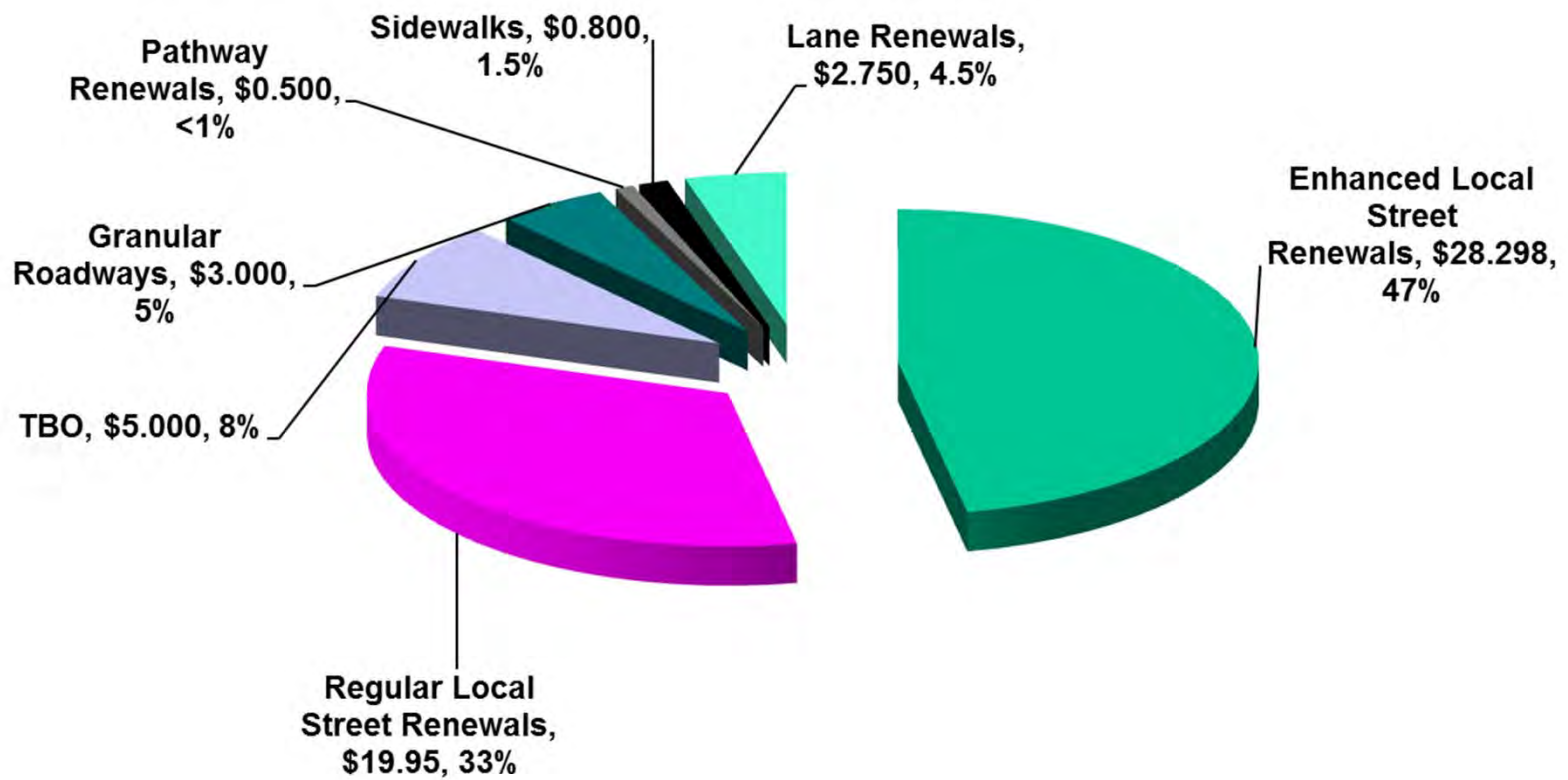


REGIONAL STREETS 2018 (\$55.702 MILLION)

Proposed Capital Program REGIONAL & LOCAL STREETS

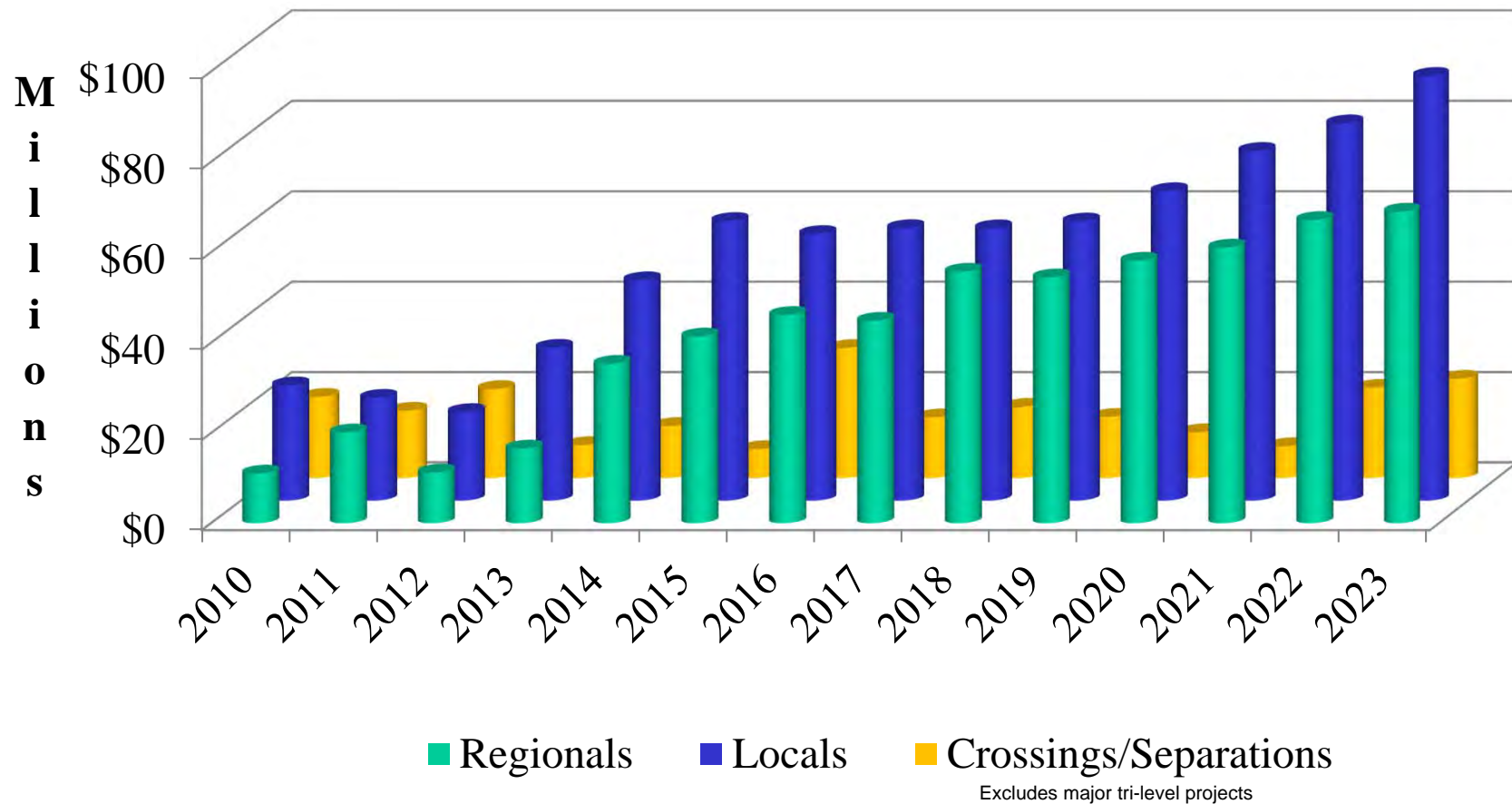
2018-2023 (Part 3 of 3)

(in thousands)	2018 Estimate	2019 Forecast	2020 Forecast	2021 Forecast	2022 Forecast	2023 Forecast	6 Year Total
REGIONAL & LOCAL (2-18)	\$116,000	\$116,236	\$126,636	\$138,436	\$150,636	\$163,036	\$810,980
<u>LOCAL STREETS (2-23)</u>							
<i>Enhanced Local Streets, Lanes and Sidewalks Renewal Program</i>	\$28,298	\$33,798	\$39,498	\$45,398	\$51,498	\$62,038	\$260,528
<i>Regular Local Street Renewals</i>	\$19,950	\$15,950	\$16,950	\$19,950	\$19,950	\$19,950	\$112,700
<i>Granular Roadway Improvements</i>	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$18,000
<i>Lane Renewals</i>	\$2,750	\$2,750	\$2,750	\$2,750	\$2,750	\$2,750	\$16,500
<i>Sidewalk Renewals</i>	\$800	\$800	\$800	\$800	\$800	\$800	\$4,800
<i>Thin Bituminous Overlays</i>	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$30,000
<i>Recreational Walkways & Bike Pathway Renewals</i>	\$500	\$500	\$500	\$500	\$500	\$500	\$3,000
LOCAL TOTAL	\$60,298	\$61,798	\$68,498	\$77,398	\$83,498	\$94,038	\$445,528
Local as % of Total Reg & Local Program	(52%)	(53%)	(54%)	(56%)	(55%)	(58%)	(55%)



LOCAL STREETS 2018 (\$ 60.298 million)

Regional & Local Street Renewals and Waterway Crossings & Grade Separations



Proposed Capital Program
WATERWAY CROSSINGS & GRADE SEPARATIONS
 2018-2023 (Part 1 of 3)

(in thousands)	2018 Estimate	2019 Forecast	2020 Forecast	2021 Forecast	2022 Forecast	2023 Forecast	6 Year Total
Fermor Ave Bridge (Seine River) (2-24)	\$4,100	\$5,100	\$-	\$-	\$-	\$-	\$9,200
Saskatchewan Ave Culvert (Sturgeon Creek) (2-25)	\$8,000	\$-	\$-	\$-	\$-	\$-	\$8,000
Osborne St Underpass (2-26)	\$-	\$1,900	\$-	\$-	\$-	\$-	\$1,900
Dublin Ave Bridge (Omand's Creek) (2-27)	\$700	\$700	\$3,300	\$-	\$-	\$-	\$4,700

Proposed Capital Program

WATERWAY CROSSINGS & GRADE SEPARATIONS

2018-2023 (Part 2 of 3)

(in thousands)	2018 Estimate	2019 Forecast	2020 Forecast	2021 Forecast	2022 Forecast	2023 Forecast	6 Year Total
Sherwin Rd Bridge (Omand's Creek) (2-28)	\$-	\$700	\$2,800	\$-	\$-	\$-	\$3,500
Pembina Hwy Overpass (Bishop Grandin) (2-29)	\$-	\$-	\$1,000	\$2,000	\$15,000	\$15,000	\$33,000
St James Bridge South Bound (2-30)	\$-	\$2,163	\$-	\$-	\$-	\$-	\$2,163
St Vital Bridge (2-31)	\$-	\$-	\$-	\$-	\$2,000	\$3,000	\$5,000
Lagimodiere Twin Overpass Rehabilitation (2-32)	\$-	\$-	\$-	\$-	\$-	\$1,000	\$1,000

Proposed Capital Program
WATERWAY CROSSINGS & GRADE SEPARATIONS
 2018-2023 (Part 3 of 3)

(in thousands)	2018 Estimate	2019 Forecast	2020 Forecast	2021 Forecast	2022 Forecast	2023 Forecast	6 Year Total
Waterway Crossings and Grade Separations – Annual Program (2-33)	\$3,000	\$3,000	\$3,050	\$5,050	\$3,000	\$3,000	\$20,100
Disraeli Bridge and Overpass Facility (2-34)	\$18,250*	\$14,900*	\$13,200*	\$13,250*	\$13,300*	\$13,325*	\$86,225*
Charleswood Bridge (2-36)	\$1,478*	\$1,478*	\$1,478*	\$1,478*	\$1,478*	\$1,478*	\$8,868*
<i>Total Lease Payments</i>	\$19,728*	\$16,378*	\$14,678*	\$14,728*	\$14,778*	\$14,803*	\$95,093
			(*- Annual Lease Payments)				
WATERWAY CROSSINGS & GRADE SEPARATIONS – TOTAL **	\$15,800	\$13,563	\$10,150	\$7,050	\$20,000	\$22,000	\$88,563
			(**- Excludes Annual Lease Payments)				

Proposed Capital Program

NEW TRANSPORTATION FACILITIES

2018-2023

(in thousands)	2018 Estimate	2019 Forecast	2020 Forecast	2021 Forecast	2022 Forecast	2023 Forecast	6 Year Total
Chief Peguis Trail – Henderson To Lagimodiere (2-37)	\$7,230*	\$7,270*	\$7,315*	\$7,360*	\$7,425*	\$7,450*	\$44,050*

(*- Annual Lease Payments)

Proposed Capital Program OTHER STREETS PROJECTS 2018-2023

(in thousands)	2018 Estimate	2019 Forecast	2020 Forecast	2021 Forecast	2022 Forecast	2023 Forecast	6 Year Total
Work Management/ Asset Management System (2-39)	\$-	\$300	\$-	\$-	\$-	\$-	\$300
Asset Management System (2-40)	\$100	\$100	\$100	\$100	\$100	\$100	\$600
Land Drainage Sewers *	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Land Acquisition – Transportation Right of Way (2-41)	\$-	\$300	\$300	\$300	\$300	\$300	\$1,500
OTHER STREETS PROJECTS - TOTAL	\$100	\$700	\$400	\$400	\$400	\$400	\$2,400

* - Program transferred to Water & Waste , Land Drainage Utility Fund (see Land Drainage Sewers – Regional / Local Streets 2-230)



Questions?