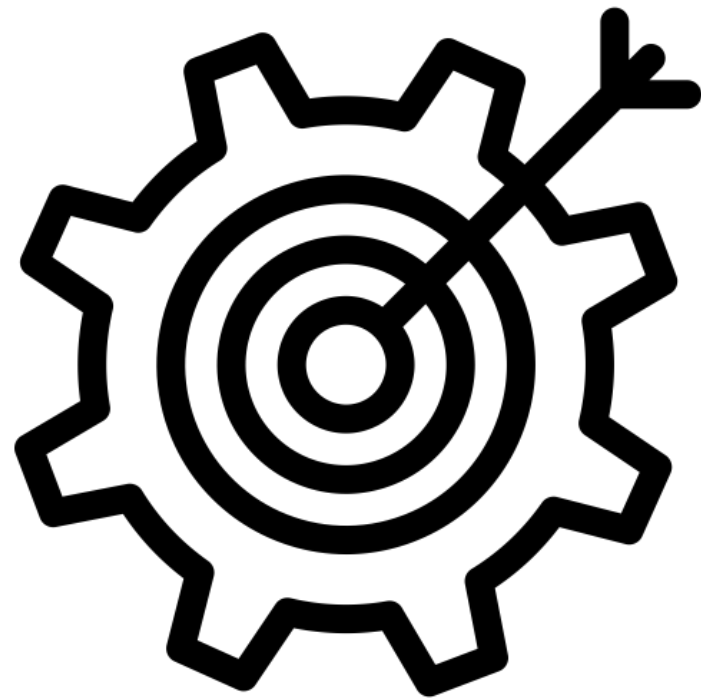


2023-2026 Capital Plan Mid-Term Update

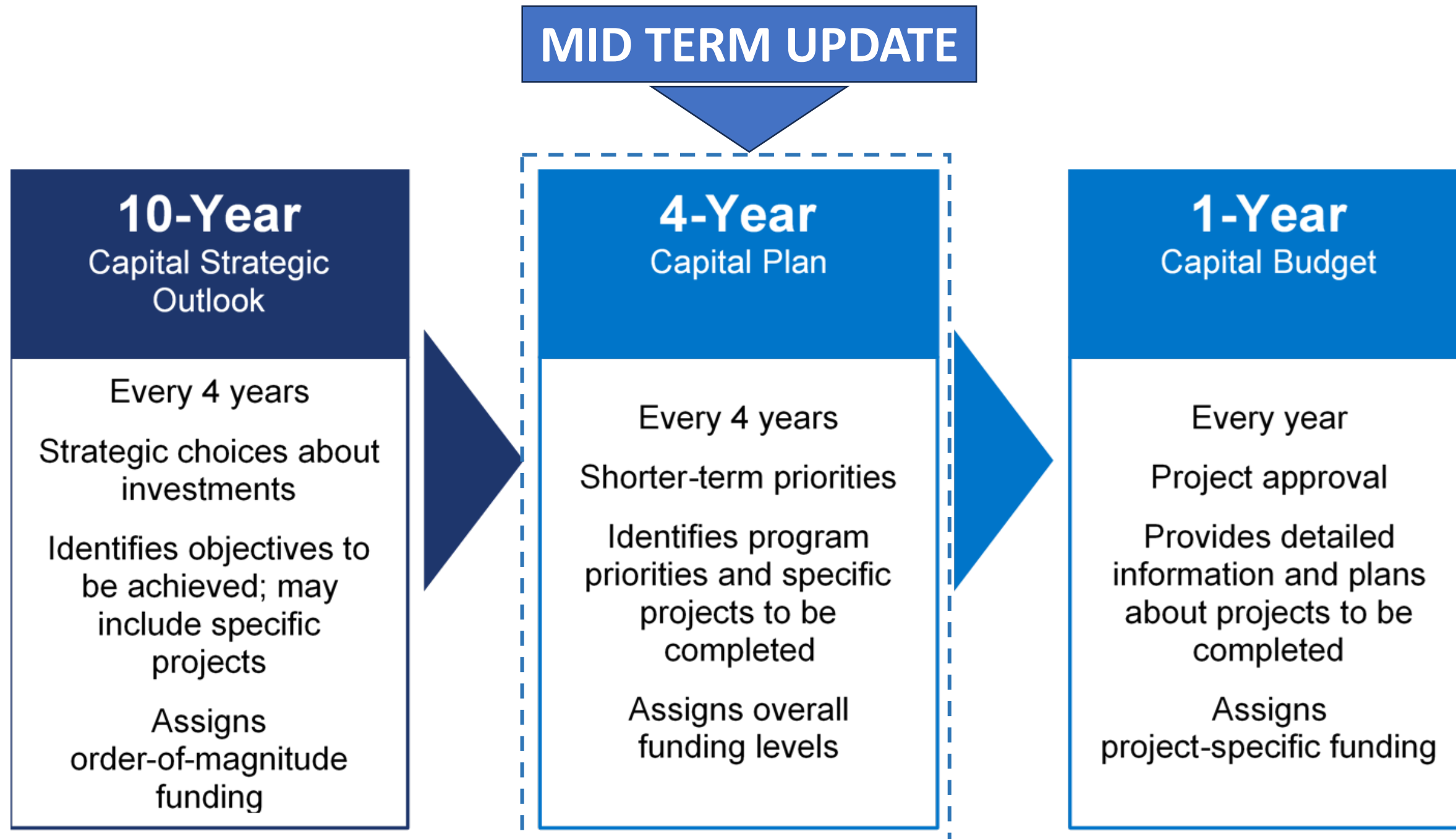
Council Meeting

June 26th, 2024





Seek direction from Council on the approach and key priorities for the **2023-2026 Capital Plan Mid-Term Update (MTU)**



2024 Capital Plan Mid-Term Update Roadmap

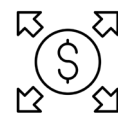


Capital Plan
Current State Assessment

February - March

April - May

Needs Prioritization based
on capacity to deliver and
funding strategy



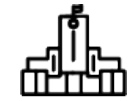
Engage Council on MTU
framework

May



June

Council direction on
key priorities for the
MTU



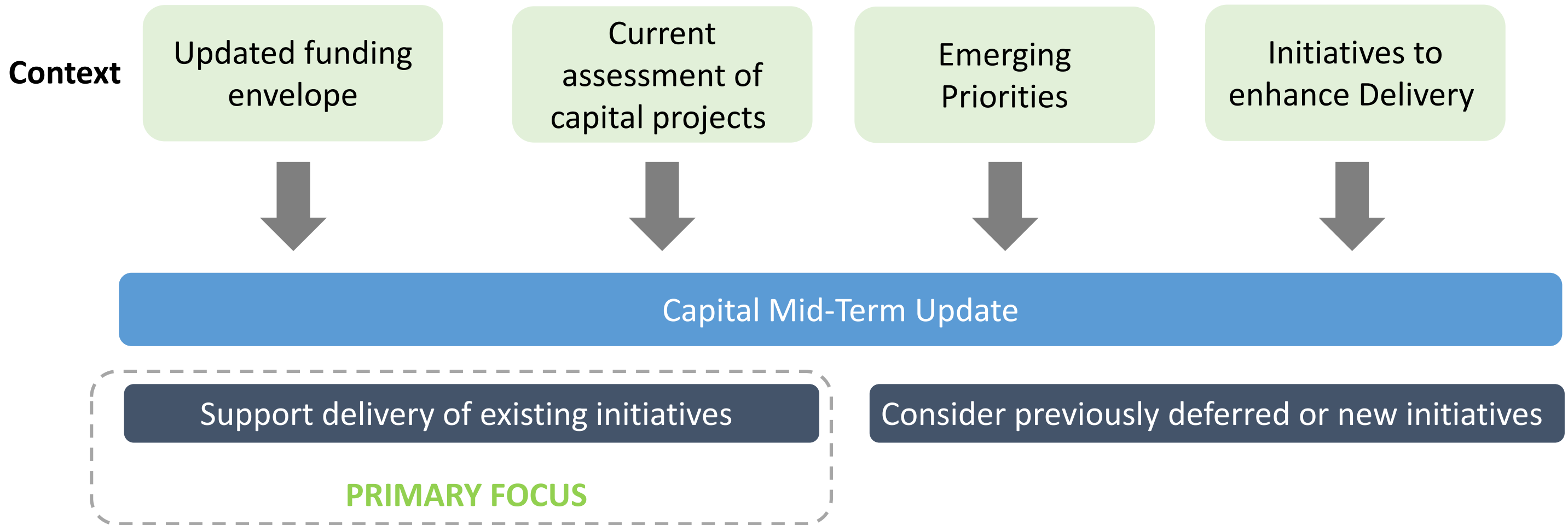
Adjusted Capital Plan
aligned to delivery

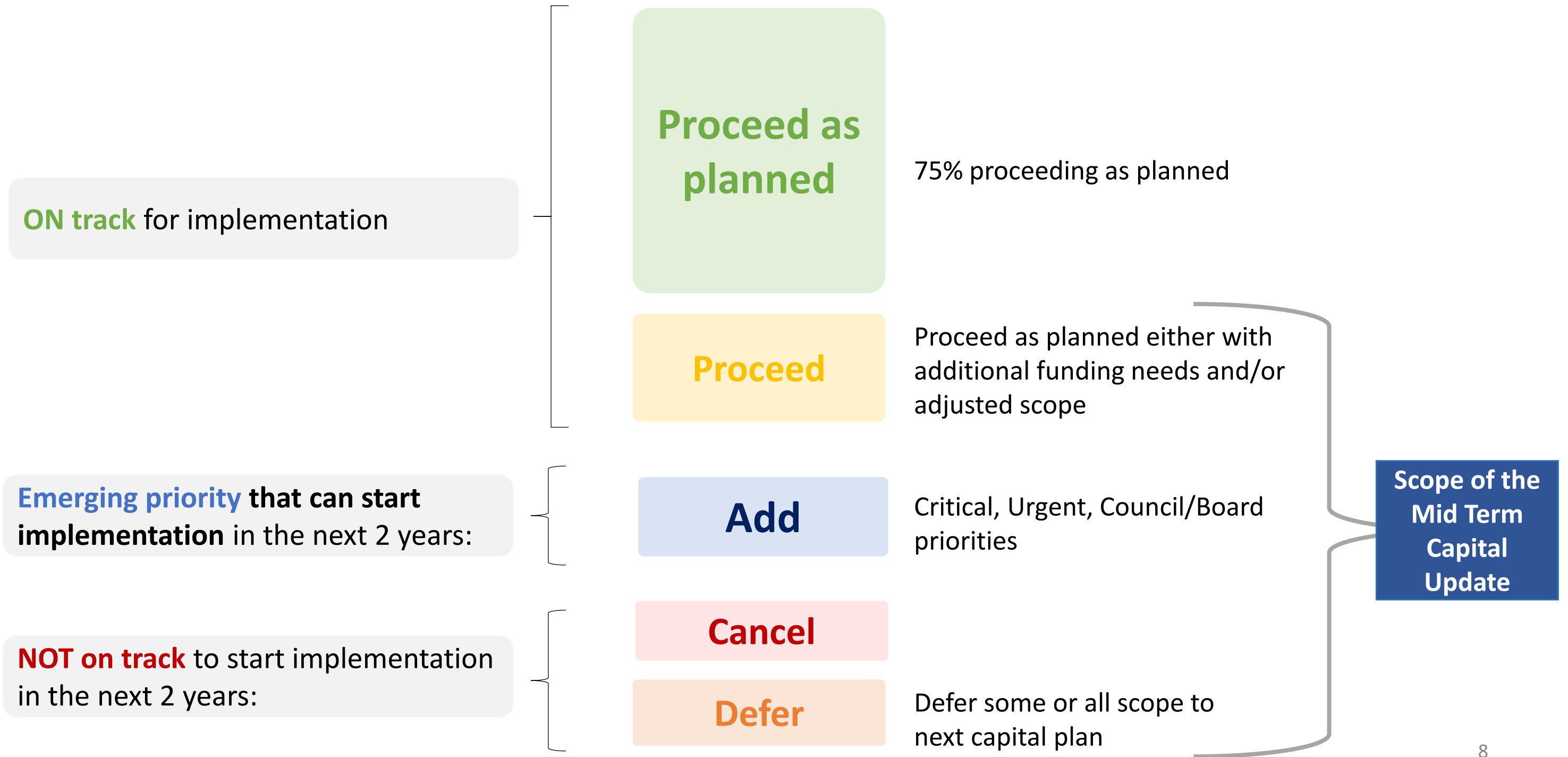
July

- This is a **key point in the MTU process to seek Council direction on key MTU priorities**
- Focus remains on **adjusting the 2023-2026 Capital Plan** to
 - support the delivery of existing projects underway
 - manage emerging needs, including cost escalations, external opportunities etc.
- **75% of current capital plan projects proceeding as planned**
 - 25% reviewed for delivery strategy and escalations
 - Prior plans and new/emerging needs reviewed
- **Minor changes to funding envelope** - debt, fees and tax funding **consistent to current capital plan assumptions**
 - *Opportunities available for partner matching*



Mid-Term Update: Implementation approach

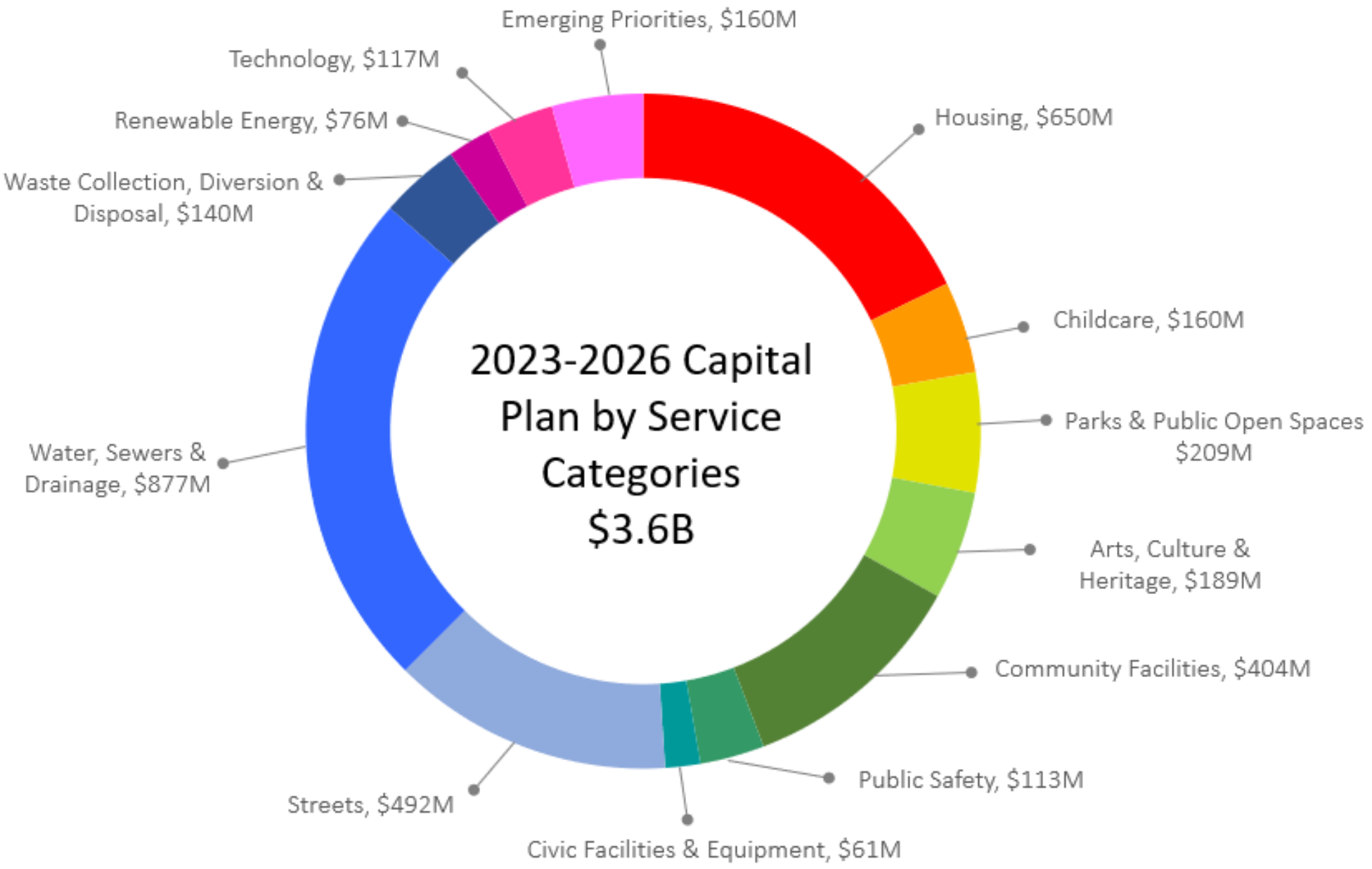




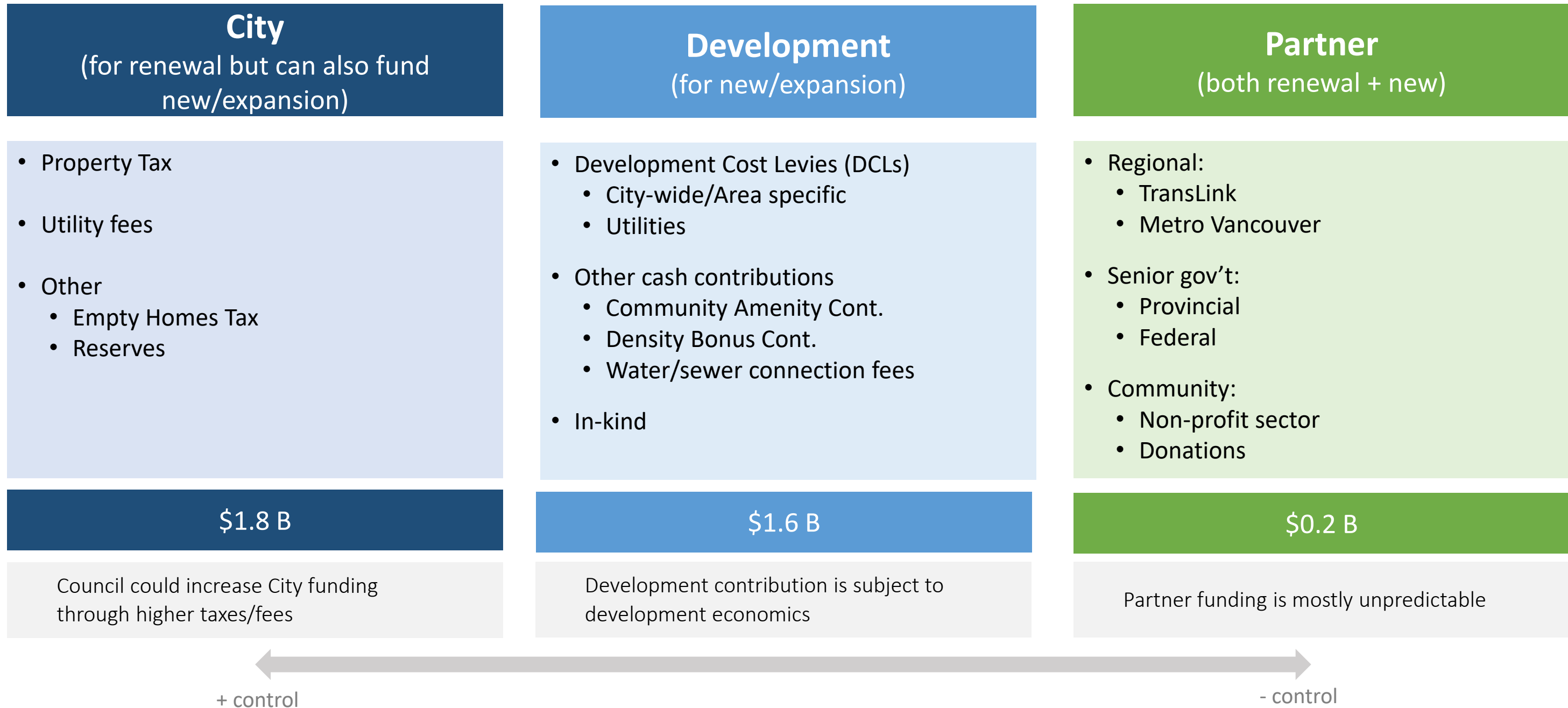
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Context: 2023-2026 Capital Plan and Mid-Term Update

2023-2026 Capital Plan Investments support Renewal of Existing and New/Expanded Infrastructure



2023-2026 Capital Plan: Funding Sources (Colour of Money)



Mid-Term Update: Progress to Date

- Staff have done a **current state assessment of needs and available funding**
- Additional needs have been **prioritized** based on **criticality and delivery readiness** to align within available funding
- Key focus area is **delivery of existing initiatives** over adding new/emerging needs with an emphasis on critical renewals and cost escalations
- **\$20M funding available for Council** to prioritize additional projects not included in the recommended MTU adjustments (list of options will be provided)
 - \$17M of unrestricted capital funding
 - \$3M of unallocated Growing Communities Fund with restricted criteria
- **Next Key Step in the MTU process**
 - Council to provide **direction on the** prioritization of existing MTU adjustments and the funding earmarked for Council consideration

Focus on Delivery

- Capacity to deliver
- Recent initiatives to improve delivery

City-Wide and Service Category lens

- Projects being added to align with City and department priorities

Criticality and reasonability assessment

- Urgency
- Must do vs nice to do
- Scope - minimal viable product

Funding availability

- Funding eligibility
- Partnership opportunities

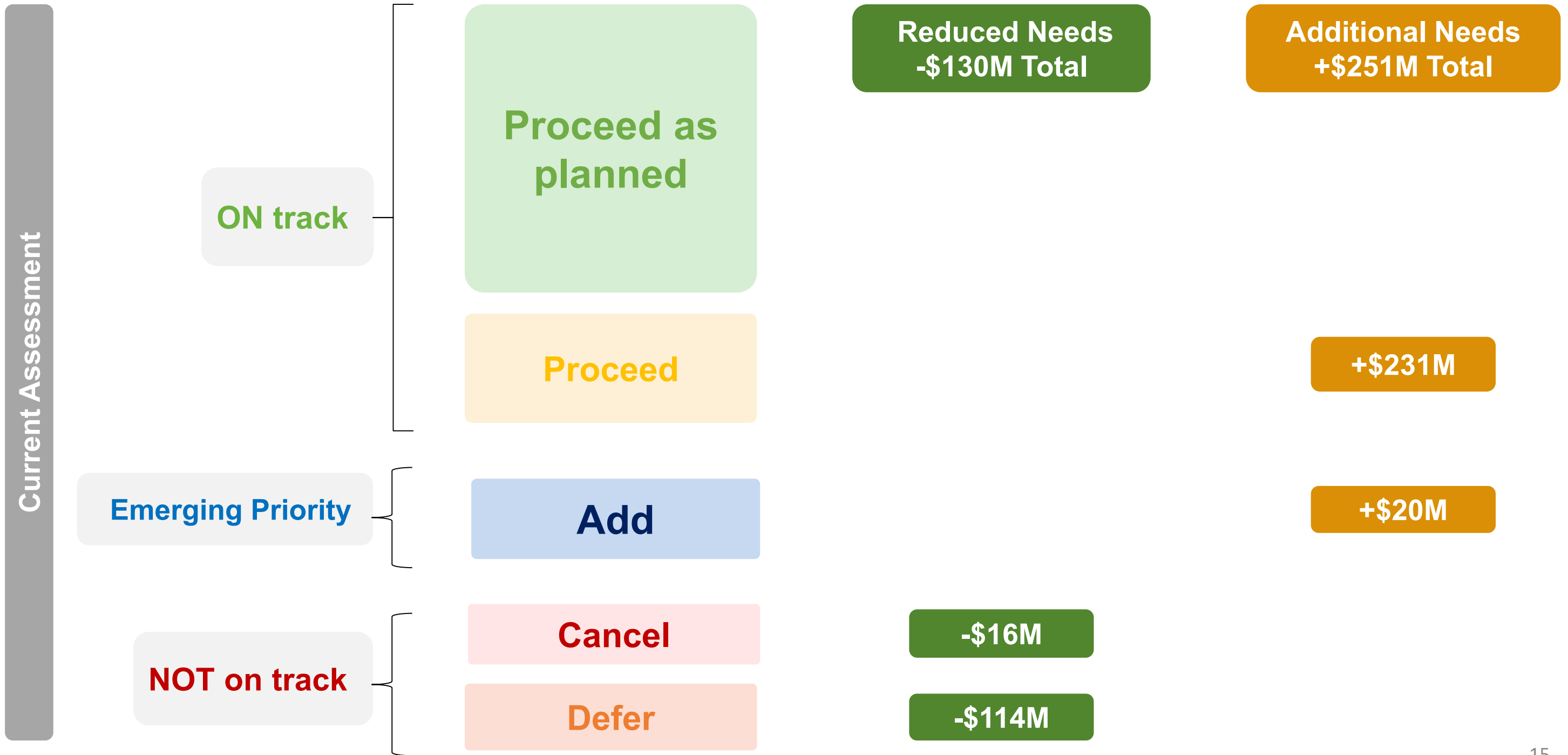
Infrastructure deficit

- Prioritize renewal over new
- Focus on maintaining assets in state of good repair

Municipal mandate

- Municipal vs. senior government mandate

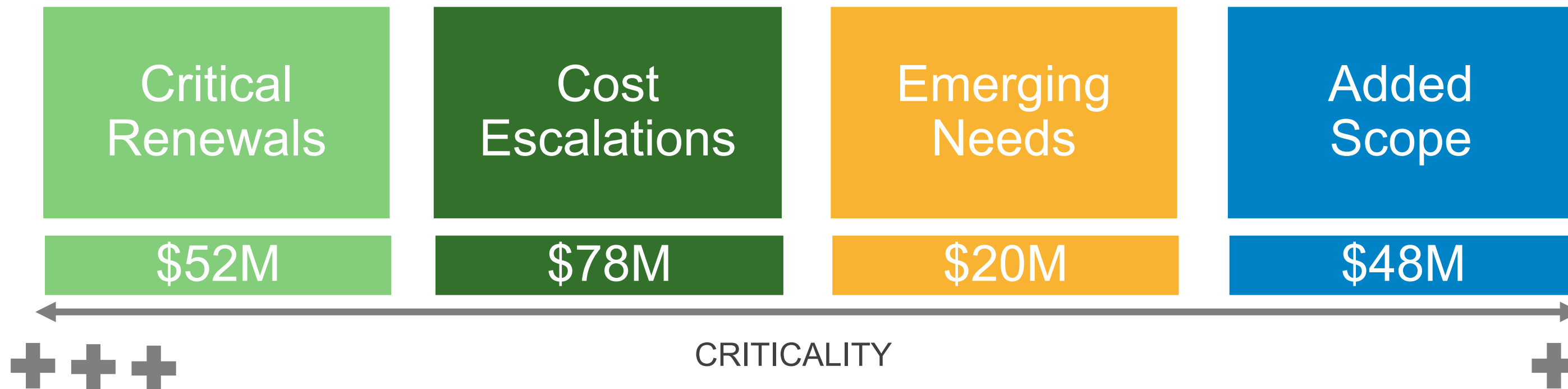
Mid-Term Update Adjustments



Mid-Term Update Highlights: Reduced Needs (\$130M)



Mid-Term Update: Additional Needs +\$251M



*Partner matching funding +\$53M to be included in addition to above

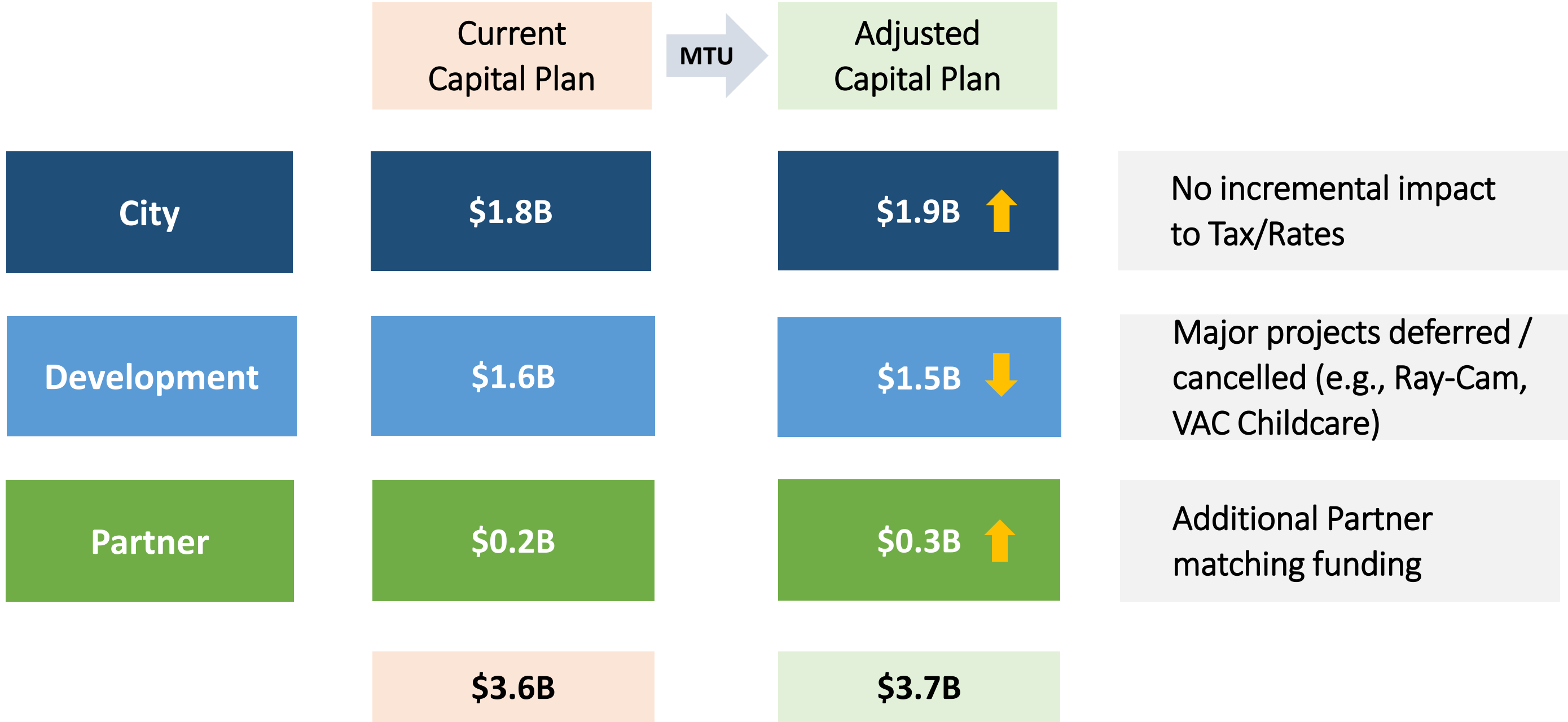
Adjusted 2023-2026 Capital Plan Summary



<i>\$ millions</i>	Capital Plan before MTU Changes	Draft MTU Adjustments		Capital Plan after MTU Changes	In Kind	Total Adjusted Capital Plan
		Reduced	Additional			
1. Housing	315	-	-	315	335	650
2. Childcare	103	-41	-	62	57	119
3. Parks & public open spaces	199	-14	+22	207	10	217
4. Arts, culture & heritage	157	-	+36	193	32	225
5. Community facilities	273	-58	+41	256	134	390
6. Public safety	113	-2	+40	151	-	151
7. Civic facilities & equipment	61	-	+7	68	-	68
8. Streets	391	-	+85	476	103	579
9. Water, sewers & drainage	841	-	+13	854	35	889
10. Waste collection, diversion & disposal	140	-3	-	137	-	137
11. Renewable energy	76	-13	+1	64	-	64
12. Technology	117	-	+6	123	-	123
13. Emerging priorities & project delivery	160		-31	129	-	129
Recommended Capital Plan After MTU Changes*	2,946	-162	+251	3,035	706	3,741

*Numbers might not add due to rounding

2023-2026 Adjusted Capital Plan: Funding Sources (Colour of Money)



Additional funding earmarked for Council Considerations



- **\$20M funding available for Council** to prioritize additional projects not included in the MTU adjustments (list of options provided)
 - \$17M of unrestricted capital City funding
 - \$3M of unallocated Growing Communities Fund with restricted criteria
- Key considerations for Council for prioritization of projects/programs:
 - **Delivery of existing initiatives** over adding new/emerging needs
 - Prioritizing of **renewal over new** to maintain assets in state of good repair
 - **Alignment** with Council/Board and citywide priorities

Service Categories

MTU Adjustments by Service Category

Housing



Childcare



Park & Public Open Spaces



Arts, Culture and Heritage



Community Facilities



Public Safety



Civic Facilities & Equipment



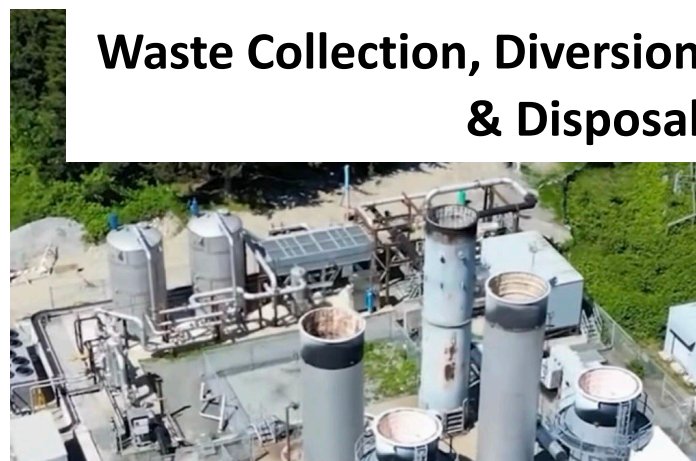
Streets



Potable Water, Sewer & Drainage



Waste Collection, Diversion & Disposal



Neighbourhood Energy Utility



Emerging Priorities



1. Housing: 2023-26 Capital Plan and MTU

Totals \$M

2023-2026 Capital Plan	Draft MTU Adjustments			Adjusted Capital Plan	In-Kind
	Reduced	Additional	Total		
315	-	-	-	315	335

Draft MTU Adjustments by funding sources			
City	Devt.	Partner	Total
-	-	-	-



No Mid-Term Update Adjustment Required

Existing Projects in progress

- Land acquisition \$183M
- Grants to partners \$65M
- Single Room Occupancy programs \$26M
- Shelters \$12M
- Additional Canada Mortgage and Housing Corporation (CMHC) partner funding \$31M
- In-Kind Projects: ~750 units of housing \$300M; new secured market and below market rental units \$35M

Additional Housing adjustments will be brought forward through stand alone council reports

2. Childcare: 2023-26 Capital Plan and MTU

Totals \$M

2023-2026 Capital Plan	Draft MTU Adjustments			Adjusted Capital Plan	In-Kind
	Reduced	Additional	Total		
103	-41	-	-41	62	57

Draft MTU Adjustments by funding sources			
City	Devt.	Partner	Total
-7	-28	-6	-41



Highlights of Draft MTU Adjustments -\$41M

Reduced Needs

- Deferral of RayCam Childcare, led by BC housing. Planning & design is underway. Construction is expected in next capital plan -\$24M
- Deferral of Urban Native Youth Association Childcare due to timeline delays (third party). No change in funding due to commitment
- Cancellation of Vancouver Aquatic Centre Childcare as further planning analysis determined childcare colocation with a renewed Vancouver Aquatic Centre is unfeasible at this site -\$16M

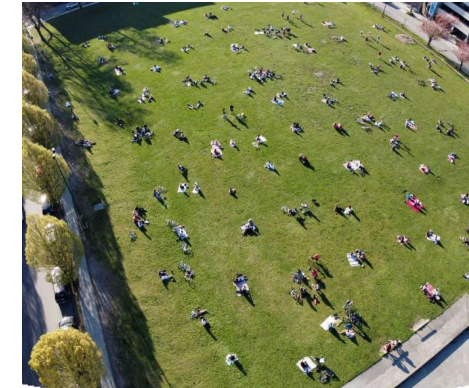
3. Parks & Public Open Spaces: 2023-26 Capital Plan and MTU



Totals \$M

2023-2026 Capital Plan	Draft MTU Adjustments			Adjusted Capital Plan	In-Kind
	Reduced	Additional	Total		
199	-14	+22	+8	207	10

Draft MTU Adjustments by funding sources			
City	Devt.	Partner	Total
+11	-12	+9	+8



Highlights of Draft MTU Adjustments +\$8M

Reduced Needs

- **Deferral of partial scope:** Delamont park expansion scope reduced to design concept, with implementation in the next Capital Plan; New parks (Alberni & Nicola, Pearson-Dogwood, Wedge Parks) delayed due to pending land transfer process -\$10M
- **Deferral of entire scope:** Yaletown Park redevelopment deferred as funding source does not align with scope of work -\$4M

Additional Needs

- **Critical Renewals:** Andy Livingston Synthetic Turf renewal +\$5.5M, Aging Infrastructure Renewal +\$3M
- **Emerging Needs:** Replacement of Decommissioned Sport Field Lights at Beaconsfield, Clinton, Killarney, and Oak +\$2M; Overhead, planning and studies +\$2M
- **Added Scope:** Planning & design for renewal of Synthetic Turf (Trillium, Memorial South, Jericho West) +\$0.4M; New Synthetic Turf and Fieldhouse at Moberly Park +\$5.3M and Ross Spray Park new fieldhouse +\$2.5M

Additional Needs for Council Consideration +\$4.8M

(not included in the Adjusted Capital Plan)

- New Fieldhouse / Washroom @ Tisdall +\$3.0M (GCF)
- Renewal and upgrades of Ball Diamonds and Sports Fields +\$1.5M
- Italian Garden fountain repair @ PNE +\$0.2M
- Pump replacement at Sanctuary pond @ PNE +\$0.1M

Andy Livingstone Synthetic Turf Renewal

Funding Totals \$M	2023-2026 Capital Plan	Additional Needs	Adjusted Capital Plan	MTU Adjustments (by funding sources)			
	-	+5.5	5.5	City	Devt.	Partner	Total
				+5.5	-	-	+5.5



Scope and Status

- Replace the end-of-life double synthetic turf field surfaces at Andy Livingstone Park, including drainage upgrades.
- Subject to detailed condition determination, renewal to be delivered by end of 2025.

MTU Adjustment

Reason for additional needs:

- The original intent was to align the project with the viaduct removal, due to viaduct delays this approach is no longer feasible.
- The asset has aged past its service life and requires renewal or faces risk of closure.

New Synthetic Turf and Fieldhouse at Moberly Park



Funding Totals \$M	2023-2026 Capital Plan	Additional Needs	Adjusted Capital Plan	MTU Adjustments (by funding sources)			
				City	Devt.	Partner	Total
	8.3	+5.3	13.6	-	-	+5.3	+5.3



Scope and Status

- To support the delivery of a new synthetic turf at Moberly Park, a new ~2,300 sq ft fieldhouse is required to accommodate the increase in park visitors.
- Project Request for Proposal (RFP) anticipated late 2024 for design consultancy, geotechnical studies, with field construction start fall 2026 and field completion in 2027, followed by washroom completion.

MTU Adjustment

- **Reason for additional needs:**
 - Staff provided a high-level cost estimate in October 2023 for the new synthetic turf only.
 - With additional project scoping and more detailed cost estimates, additional funds are required to deliver a new fieldhouse.
 - The project will leverage the existing fieldhouse that has accessible washrooms to reduce footprint of new building from ~3,100 sq/ft to ~2,300 sq/ft

Sport Field Lighting Replacement

(Maintenance, upgrading & renewal of park electrical & water infrastructure)



Funding Totals \$M	2023-2026 Capital Plan	Additional Needs	Adjusted Capital Plan	MTU Adjustments (by funding sources)			
				City	Devt.	Partner	Total
	4	+2	6	+2	-	-	+2



Scope and Status

- To replace end-of-life sport field lights at gravel sports fields at Beaconsfield, Clinton, Oak and Killarney (North field).
- Procurement and detailed design to initiate in Q3 2024 with anticipated project completion by Q4 2025.

MTU Adjustment

- **Reason for additional needs:**
 - Emerging priority not anticipated during the 2023-2026 Capital Plan development.
 - Sport field lights posed significant safety risk and were decommissioned late March 2024.
 - Sport field lights provide additional 20hr/wk during Fall/Winter season resulting in \$20k lost operating revenue.
 - 10 youth & 5 adult groups impacted.

4. Arts, Culture & Heritage: 2023-26 Capital Plan and MTU

Totals \$M

2023-2026 Capital Plan	Draft MTU Adjustments			Adjusted Capital Plan	In-Kind
	Reduced	Additional	Total		
157	-	+36	+36	193	32

Draft MTU Adjustments by funding sources			
City	Devt.	Partner	Total
+36	-	-	+36



Highlights of Draft MTU Adjustments +\$36M

- **Critical Renewals:** Capital Maintenance of Orpheum Theatre to renew end of life Smithe Street façade and envelope +\$5M, FireHall Arts Theater critical maintenance +\$500K
- **Cost Escalation:** Pacific National Exhibition Amphitheatre renewal and expansion +\$30M

Additional Needs for Council Consideration +\$9M

(not included in the Adjusted Capital Plan)

- Firehall Arts Theatre Renewal key upgrades accessibility (add elevator, entrance, lobby, theatre, bathrooms, dressing rooms, rehearsal & offices) +\$7M
- Orpheum Theatre to renew mechanical and roofing deficiencies +\$2M

Renewal & Expansion of PNE Amphitheatre



Funding Totals \$M	2023-2026 Capital Plan	Additional Needs	Adjusted Capital Plan
	104	+30	134

MTU Adjustments (by funding sources)			
City	Devt.	Partner	Total
+30	-	-	+30



Scope and Status

- Renewal of existing outdoor Amphitheatre to include new permanent stage and seating, front and back of house facilities, and a roof covering the stage and portion of audience seating

MTU Adjustment

- **Reason for additional needs:** Additional contingency required due to fast-track delivery and off-set of negative market conditions including escalation (+\$30M funding shortage based on latest cost estimates)
- **Financial implication:**
 - Cost: Value-engineering completed to minimize cost, any further descoping would impact basic functionality
 - Revenue: Council endorsed additional funding to include revenue generating elements (\$9M included as Capital Financing Fund)

5. Community Facilities: 2023-26 Capital Plan and MTU

Totals \$M

2023-2026 Capital Plan	Draft MTU Adjustments			Adjusted Capital Plan	In-Kind
	Reduced	Additional	Total		
273	-58	+41	-17	256	134

Draft MTU Adjustments by funding sources			
City	Devt.	Partner	Total
-7	-9	-1	-17



Highlights of Draft MTU Adjustments -\$17M

- Reduced Needs**
 - Partial deferral of RayCam Community Centre. Rezoning application is scheduled for this year and design is proceeding on this project led by BC Housing; however, construction will not initiate until next Capital Plan -\$32M
 - Partial deferral of West End Community Hub including renewed secondary school co-located with library, ice rink, community centre, fire hall, childcare, and social space -\$7.6M. Further design of project is deferred until construction funding from all partners is secured.
- Additional Needs**
 - Critical Renewals:** Kits Pool repairs/ capital maintenance and feasibility study +\$5M, West End Community Centre HVAC system renewal and decoupling from ammonia plant +\$4M, Library Branches IT cooling system replacement and emergency power supply upgrades +\$2M
 - Cost Escalation:** Sunset Seniors Centre expansion +\$1.5M
 - Emerging Need:** Library Branches maintenance and renovations +\$0.2M
 - Added Scope:** Marpole Library Branch Detailed Design and Construction +\$11M; Social Infrastructure Climate Adaptation Retrofits +\$1M

Marpole Library Branch Expansion



Funding Totals \$M	2023-2026 Capital Plan	Additional Needs	Adjusted Capital Plan	MTU Adjustments (by funding sources)			
	0.3	+11	11.3	City	Devt.	Partner	Total
				+2	+9	-	+11



Scope and Status

- Scope:** Design and delivery for expansion of existing library to meet growing community needs including capital maintenance to extend the life of the building.

MTU Adjustment

- Reason for additional needs:** Expansion of the library from 440sq mtr to 920 sq mtr. The work scope included all required Vancouver Building By-law upgrades +\$8M and key necessary replacement of end-of-life systems including HVAC/Roofing +\$3M.

Sunset Seniors Centre

Funding Totals \$M	2023-2026 Capital Plan	Additional Needs	Adjusted Capital Plan
	14.6	+1.5	16.1

MTU Adjustments (by funding sources)			
City	Devt.	Partner	Total
-	+1.5	-	+1.5



Scope and Status

- **Scope:** Development of a new senior’s centre in the South Vancouver/Sunset area (nearby or adjacent to the existing Sunset Community Centre). Approximately 11,000 sq ft addition to the existing community centre.
- Development permit submitted, with construction completion anticipated in December 2025

MTU Adjustment

- **Reason for additional needs:** Cost escalation based on latest Class B cost estimate of \$16.1M. Project team have performed value engineering to arrive at the latest estimate.

West End Community Centre – HVAC System Renewal

Funding	2023-2026 Capital Plan	Additional Needs	Adjusted Capital Plan	MTU Adjustments (by funding sources)			
Totals \$M	-	+4	4	City	Devt.	Partner	Total
	-	+4	4	+4	-	-	+4

Scope and Status

- **Scope:** Renewal of the HVAC system that is past end-of-life and decoupling the HVAC system from the ammonia plant.



MTU Adjustment

- **Reason for additional needs:** +\$4M to replace HVAC system and avoid service impacts, as well as decouple HVAC from existing ammonia plant that maintains ice sheet.

6. Public Safety: 2023-26 Capital Plan and MTU

Totals \$M

2023-2026 Capital Plan	Draft MTU Adjustments			Adjusted Capital Plan	In-Kind
	Reduced	Additional	Total		
113	-2	+41	+39	151	-

Draft MTU Adjustments by funding sources			
City	Devt.	Partner	Total
+38	+1	-	+39



Highlights of Draft MTU Adjustments +\$39M

- **Reduced Needs**
 - Deferral of design for West End Community Hub including Fire Hall #6 until funding from all partners is secured -\$1.5M
- **Additional Needs**
 - **Critical Renewals:** Capital maintenance in Fire Halls +\$1M; Emergency Operations Center audio visual system replacement +\$2.3M
 - **Cost Escalation:** Renewal & expansion of VFRS HQ/Grandview Fire Hall #9 +\$15.5M, Renewal & expansion of Downtown South Fire Hall #8 +\$11M, New Fire vehicles +\$5M, Renewal & expansion of Animal Control Centre (incl Capital Maintenance) +\$4.8M

Grandview Fire Hall (FH #9) and Headquarters



Funding Totals \$M	2023-2026 Capital Plan	Additional Needs	Adjusted Capital Plan	MTU Adjustments (by funding sources)			
				City	Devt.	Partner	Total
	62.6	+15.5	78.1	+14.8	+0.7	-	+15.5



Scope and Status

- Replacement of existing Fire Hall #9 on existing site, co-located with Fire Headquarters. Targeted completion is Q4 2027
- Temporary Fire Hall #9 - Temporary Fire Hall required during construction
- Original scope: 35,000 sf / Revised scope 36,500 sf

MTU Adjustment

- **Reason for addition:** Class C cost estimate reflects cost escalation of +\$15.5M, which includes +\$2.5M for Temporary Fire Hall with target occupancy in Q1 2025.

Downtown South Fire Hall (FH#8)

Funding Totals \$M	2023-2026 Capital Plan	Additional Needs	Adjusted Capital Plan	MTU Adjustments (by funding sources)			
	36	+11	47	City	Devt.	Partner	Total
				+11	-	-	+11



Scope and Status

- Renewal and expansion of Fire Hall 8 on new site, co-located with Childcare and Social Housing. This project is developed in partnership with BC Housing funding. Targeted completion is Summer 2028.

MTU Adjustment

- **Reason for addition:** Reason for additional needs: Cost escalation based on latest Class C cost estimate +\$11M. The project is developed in partnership with BC Housing funding and therefore project deferral is considered unfeasible.

Renewal & Expansion of Animal Control Centre



Funding Totals \$M	2023-2026 Capital Plan	Additional Needs	Adjusted Capital Plan
	22.0	+4.8	26.8

MTU Adjustments (by funding sources)			
City	Devt.	Partner	Total
+4.8	-	-	+4.8



Scope and Status

- Original scope was to renew and expand Vancouver Animal Shelter in partnership with BC SPCA. Original plan for partnership with BC SPCA is not proceeding.
- Additional funding will allow City of Vancouver to proceed in a dedicated facility without a partner.

MTU Adjustment

- **Reason:** Initial functional programming work required additional funding of \$26M. REFM has worked with DBL to refine program needs and reduced the funding ask by \$21.5M, to the final amount of +\$4.8M (including \$300k capital maintenance).

7. Civic Facilities & Equipment: 2023-26 Capital Plan and MTU

Totals \$M

2023-2026 Capital Plan	Draft MTU Adjustments			Adjusted Capital Plan	In-Kind
	Reduced	Additional	Total		
61	-	+7	+7	68	-

Draft MTU Adjustments by funding sources			
City	Devt.	Partner	Total
+7	-	-	+7



Highlights of Draft MTU Adjustments +\$7M

- **Critical Renewals:** Stanley Park Service Yards capital maintenance +\$2M, Snow Readiness Service Yard upgrades +\$1.6M, Civic Dock maintenance +\$0.5M
- **Emerging Needs:** City Hall security enhancements +\$0.6M, City Hall sub ground improvement +\$1M

Stanley Park Service Yard – Capital Maintenance

Funding	2023-2026 Capital Plan	Additional Needs	Adjusted Capital Plan	MTU Adjustments (by funding sources)			
Totals \$M	-	+2	2	City	Devt.	Partner	Total
	-	+2	2	+2	-	-	+2



Scope and Status

- Buildings (11 in total) at Stanley Park Service Yard are at end of its useful life.
- Due to the deferral of Stanley Park Service Yard Redevelopment, critical capital maintenance work is required.

MTU Adjustment

- \$2M funding is required for urgent capital maintenance work at 5 buildings to address aging and failing roofing , building HVAC and electrical works.

8. Streets: 2023-26 Capital Plan and MTU

Totals \$M

Capital Plan	Draft MTU Adjustments			Adjusted Capital Plan	In-Kind
	Reduced	Additional	Total		
391	-	+85	+85	476	103

Draft MTU Adjustments by funding sources			
City	Devt.	Partner	Total
+30	+7	+48	+85



Highlights of Draft MTU Adjustments +\$85M

- **Critical Renewals:** Repairs to Granville Bridge gantry +\$1.3M
- **Cost Escalation:** LED lights fixture and monitoring/controlling system installation +\$2.5M
- **Emerging Need:** West End Waterfront Beach Avenue intersection realignment +\$6M, Granville St near term streetscape improvements +\$1.2M
- **Added Scope:** Gastown / Water St. public space and transportation improvements +\$7.7M, new sidewalks (+\$3.6M, including +\$1.8M partner), upgrades to Active Transportation Network (+\$17.3M, including +\$15.7M partner-funded), bus transit improvements (+\$15M partner-funded), Phase 2 LED lights fixture installation and energized pole detection system +\$13M, conceptual design for means prevention barriers at Granville Bridge +\$0.3M

Additional Needs for Council Consideration +\$17.7M
(not included in the Adjusted Capital Plan)

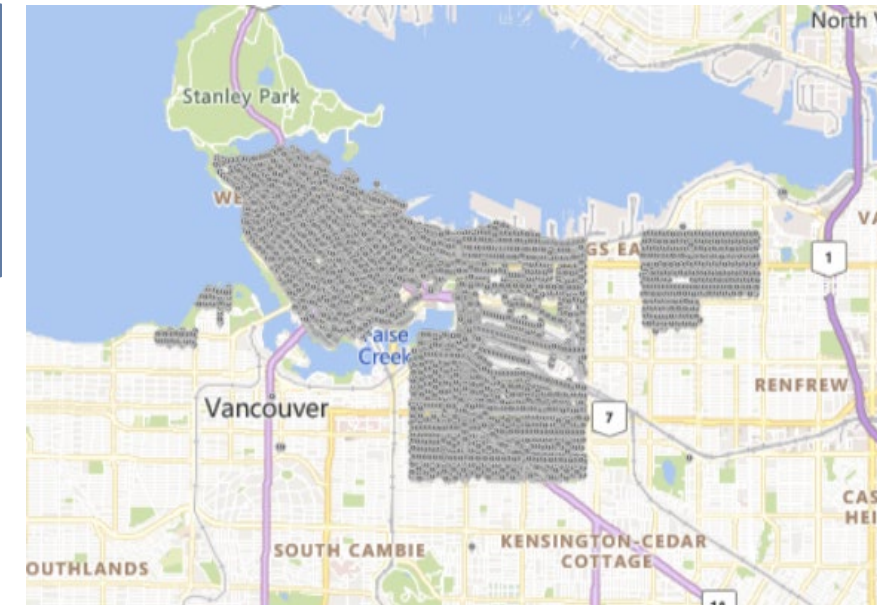
- Arterial road rehabilitation +\$4M
- Sidewalks rehabilitation +\$4M
- Local Road rehabilitation +\$4M
- Granville St Plan and Public Realm Upgrades +\$2.5M
- Transportation Planning & Monitoring +\$1.6M
- Transportation Safety +\$1.6M

LED Lights Fixture & Monitoring/Controlling System



Funding	2023-2026 Capital Plan	Additional Needs	Adjusted Capital Plan
Totals \$M	13	+15.5	28.5

MTU Adjustments (by funding sources)			
City	Dev.	Partner	Total
+15.5	-	-	+15.5



Scope and Status

- To install energy efficient LEDs along with 24/7 power to Downtown and business improve areas (BIAs).
- Project was initially estimated at \$26M in 2020. \$13M was allocated in the 2023-26 capital plan for the first phase of work.
- To date, all the fixture installations in downtown area (and other areas shown in the picture) have been completed.

MTU Adjustment

- **Reason for addition:** Due to cost escalation, a rescoping exercise was undertaken for phase 2, leading to an updated total cost estimate of \$28.5M.
- The updated scope entails replacement of 44,000 High Pressure Sodium Fixtures with LEDs (including 1,500 non-standard roadway fixtures), installation of control nodes in downtown, BIAs and special areas, as well as energized pole detection as a safety system.
- This will enable 24/7 power to downtown areas, BIAs and other high priority areas in the city. The business case for the project remains positive.

West End Waterfront Phase 1 (Beach Avenue)

Funding Totals \$M	2023-2026 Capital Plan	Additional Needs	Adjusted Capital Plan
	10	+6	16

MTU Adjustments (by funding sources)			
City	Devt.	Partner	Total
-	+1	+5	+6



Scope and Status

- Beach Ave / Morton Park: Permanent All Ages and Abilities (AAA) bike lane, two-way traffic flow on Beach Avenue, improved pedestrian crossings, and east of Gilford Street, consolidation of three existing roadways into one.
- Renewal of Morton Park and portions of English Bay Beach park.

MTU Adjustment

- **Reason for addition:** On May 8, 2024 Council approved implementation of Phase 1 of the Imagine West End Waterfront Vision, with prioritization of permanent AAA bike lane on Beach avenue west of Denman Street.
- The Class D cost estimate for Phase 1 is \$16M; an additional \$6M funding is required to complete this project.
- It is anticipated that this project will be eligible for TransLink cost sharing.

Gastown and Water St Improvements



Funding Totals \$M	2023-2026 Capital Plan	Additional Needs	Adjusted Capital Plan	MTU Adjustments (by funding sources)			
	10	+7.7	17.7	City	Dev.	Partner	Total
				+6.6	+1.2	-	+7.7



Scope and Status

- Gastown/Water St. near term repairs and reconstruction, with additional funding for sidewalk repairs in Gastown, to restore Trounce Alley and integrate with recent Blood Alley Square transformation, to support detailed design of Phase 1 work identified by the Gastown Public Spaces Plan, as well as future pedestrian zones on Water St.

MTU Adjustment

- **Reason for addition:**
 - Near term added scope to deliver more sidewalk repairs and address material cost escalation for Trounce Alley and recent Blood Alley Square transformation +\$1.5M
 - Phase 1 detail design as identified in the Public Spaces Plan, future summer pedestrian zones on Water St., and local First Nations public realm projects +\$6.2M

Response to May 29 Council Motion – Report Back on Funding For Pedestrian Safety

Funding Totals \$M	2023-2026 Capital Plan	Additional Needs	Adjusted Capital Plan
	2.0	5.5*	7.5

**\$1.6M already part of Council consideration*

Initial MTU Council Consideration: Option 1 - \$1.6M

- Flashing beacons increased by 50% (from 10 to 15 locations per year)
- Staff resources and consultants for engineering design and Vision Zero Update



Report back on May 29 Council Motion for MTU Council Consideration: Option 2 - \$5.5M

- Flashing beacons increased by 50% (from 10 to 15 locations per year)
- Pedestrian signals increased by 50% (from 4 to 6 locations per year)
- Doubling leading pedestrian intervals LPIs (from 15 to 30 per year)
- Quadruple slower walking speeds (from 30 to 120 per year)
- Additional marked crosswalks and other safety measures
- Staff resources and consultants for engineering design and Vision Zero Update
- Electrical/Engineering Design staff, Electrical Crew and equipment

Totals \$M

2023-2026 Capital Plan	Draft MTU Adjustments			Adjusted Capital Plan	In-Kind
	Reduced	Additional	Total		
1057	-16	+14	-2	1055	35

Draft MTU Adjustments by funding sources			
City	Devt.	Partner	Total
-4	-3	+5	-2



Highlights of Draft MTU Adjustments -\$2M

Reduced Needs

- Deferral of Neighbourhood Energy Utility (NEU) infrastructure required for establishing a new NEU node in North East False Creek (NEFC) -\$6M. Deferred due to delay in NEFC developments.
- Deferral of energy transfer stations and expansion of existing distribution network -\$7M. Development schedule drives this program.

Additional Needs

- Additional partner funding for connection upgrades to support growth. Scope will increase due to multiplex developments +\$5M
- **Critical Renewals:** Cambie Sheetpile Wall Decommissioning - consulting and construction +\$7.5M
- **Cost Escalation:** New peaking capacity for existing NEU network +\$0.5M

Cambie Sheetpile Wall Decommissioning

Funding	2023-2026 Capital Plan	Additional Needs	Adjusted Capital Plan	MTU Adjustments (by funding sources)			
Totals \$M	-	+7.5	+7.5	City	Devt.	Partner	Total
				+7.5	-	-	+7.5



Scope and Status

- Support consulting service, design, and construction for removal of retaining wall located along False Creek seawall. Support temporary seawall pathway to ensure public safety. The decommissioning of the wall is required to enable the renewal of the Crowe St Outfall, which is at risk of failure, as they are currently an integrated structure.
- Decommissioning is planned for completion by the end of 2026

MTU Adjustment

- **Reason for addition:** Based on consultants' recommendation, Cambie sheetpile wall must be decommissioned to mitigate public safety and environmental risks and impacts to other infrastructure.
- Resolution necessitates design and construction work to proceed immediately.

12. Technology: 2023-26 Capital Plan and MTU

Totals \$M

2023-2026 Capital Plan	Draft MTU Adjustments			Adjusted Capital Plan	In-Kind
	Reduced	Additional	Total		
117	-	+6	+6	123	-

Draft MTU Adjustments by funding sources			
City	Dev.	Partner	Total
+6	-	-	+6



Highlights of Draft MTU Adjustments +\$6M

- **Critical Renewals:** Refresh end-of-life infrastructure +\$2.5M, accelerate Client Hardware Refresh Program to bring renewal rate back to pre-Covid +\$1.8M
- **Emerging Needs:** Cybersecurity Program +\$0.5M, Client Hardware Refresh Program - Elections Laptops +\$1.1M

13. Emerging Priorities: 2023-26 Capital Plan and MTU



Totals \$M

2023-2026 Capital Plan	Draft MTU adjustments			Adjusted Capital Plan	In-Kind
	Re-allocated	Increases to Capital Plan	Total		
160	-50	+19	-31	129	-

Context of Capital Plan funding \$160M

- **Emerging projects** related to renewal of critical infrastructure to align with **external funding partnership opportunities** \$70M
- Contingencies to fund **cost escalations** for existing projects \$25M
- **Climate Adaptation** initiatives \$25M
- **Overhead support** earmarked for the delivery of Capital Plan \$40M

Highlights of Draft MTU adjustments

- **Funding reallocated** to fund existing/new emerging projects **-\$50M**:
 - Renewal & expansion of Pacific National Exhibition (PNE) Amphitheater
 - Redevelopment & Temporary relocation of FireHall #9
 - Renewal & Expansion of FireHall #8
 - New Vehicles & Equipment
- **Additional Funding** included for Council prioritization **+\$20M**
 - \$17M of unrestricted capital funding (\$2M part of current capital plan)
 - \$3M of unallocated Growing Communities Fund with restricted criteria

Available Funding after Draft MTU adjustments

- **Funding** for new/emerging initiatives for remainder of Capital Plan **\$44M** (restricted funding)
- **Climate Adaptation** initiatives **\$13M** (\$10M out of \$25M allocated to approved projects + \$2M MTU Adjustments)

- Key focus area is **delivery of existing initiatives** over adding new/emerging needs with an emphasis on critical renewals and cost escalations



- Staff has shared the 2024 Draft MTU adjustments to Council for direction on key priorities
- **Next Key Step:** Council approval of 2023-2026 Capital Plan Mid-Term update on July 23rd , including any amendments and direction regarding allocation of available funding