



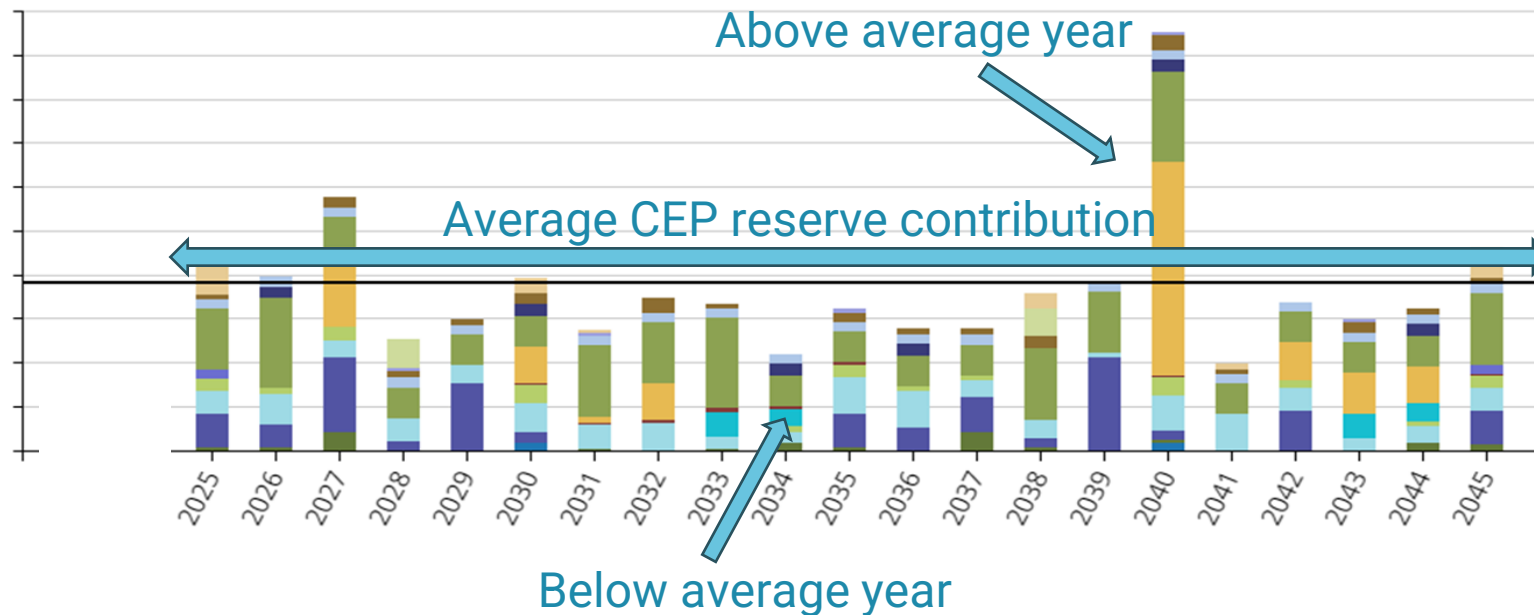
2025 Capital Equipment Plan

Agenda

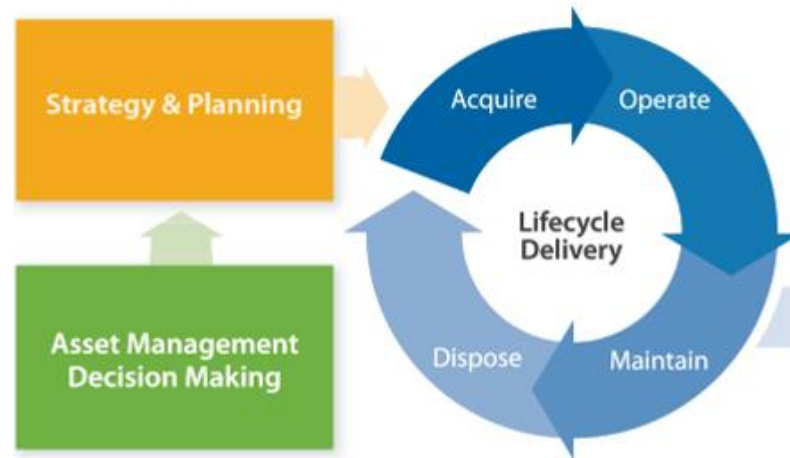
- CEP Funding Strategy
- Asset Management Framework
- Consequence, Condition & Risk
- Asset Profiles: Current VS 2025 Changes
- Profile Summary
- Budget Summary
- Annual Contribution Summary

CEP Funding Strategy

- Establish asset lifecycle replacement schedule
- Update replacement costs
- Calculate budget estimate per year
- Calculate average contribution per year needed to maintain stable funding



Procurement Schedule Stabilization



- Procurement Schedule Stabilisation
 - Past 4 years have seen unpredictable delivery times for assets
 - Early CEP approval allows for more delivery time
 - Lower risk for warranty expiration, or exceeding set life cycle
 - Standardise delivery window for assets (graders swap in February) so warranty is less likely to exceed

Capital Equipment Plan 2025 Schedule



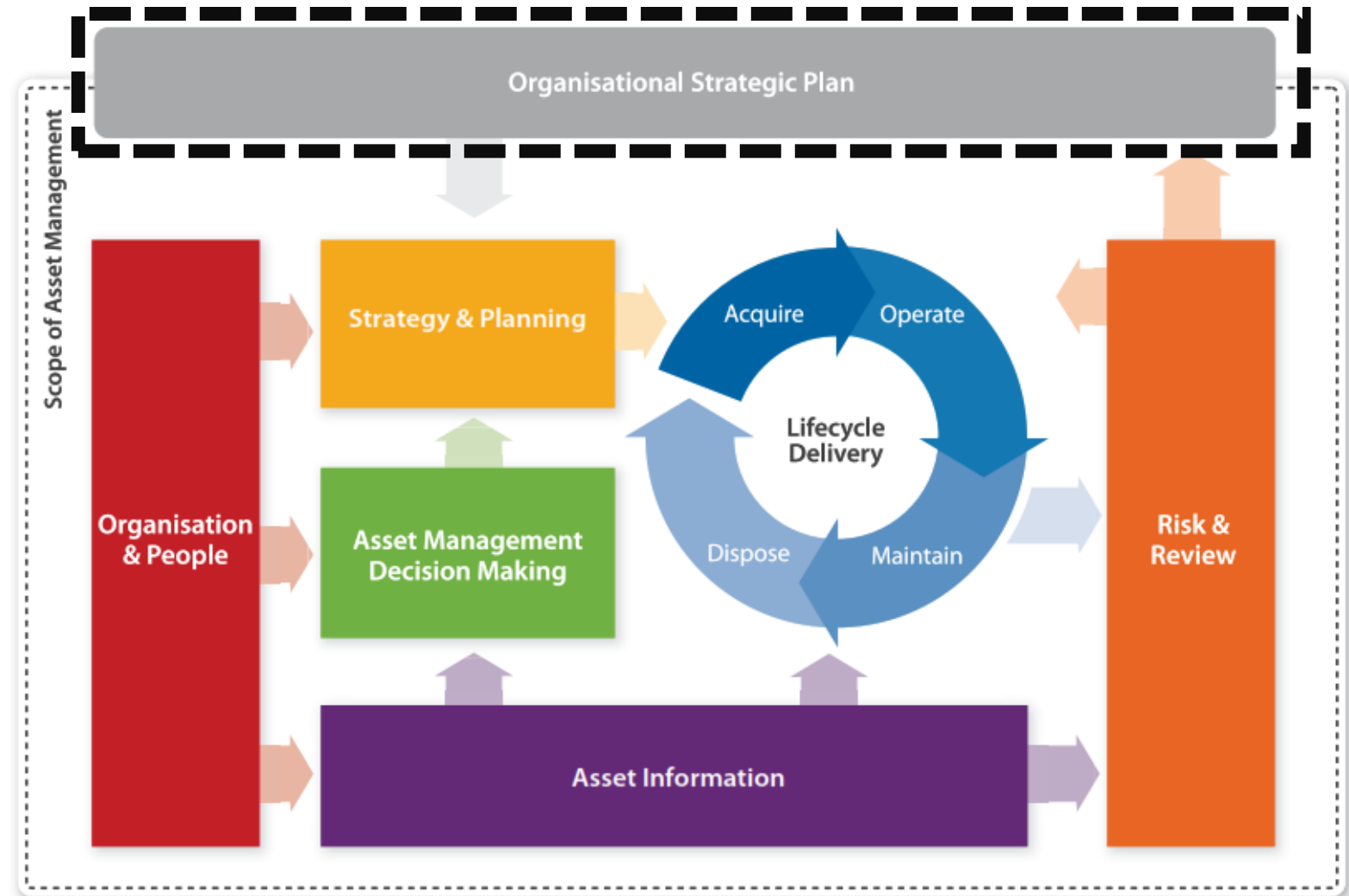
Asset Management Framework

High Quality Infrastructure

Build and maintain infrastructure that meets the ongoing needs of the County's residents and businesses

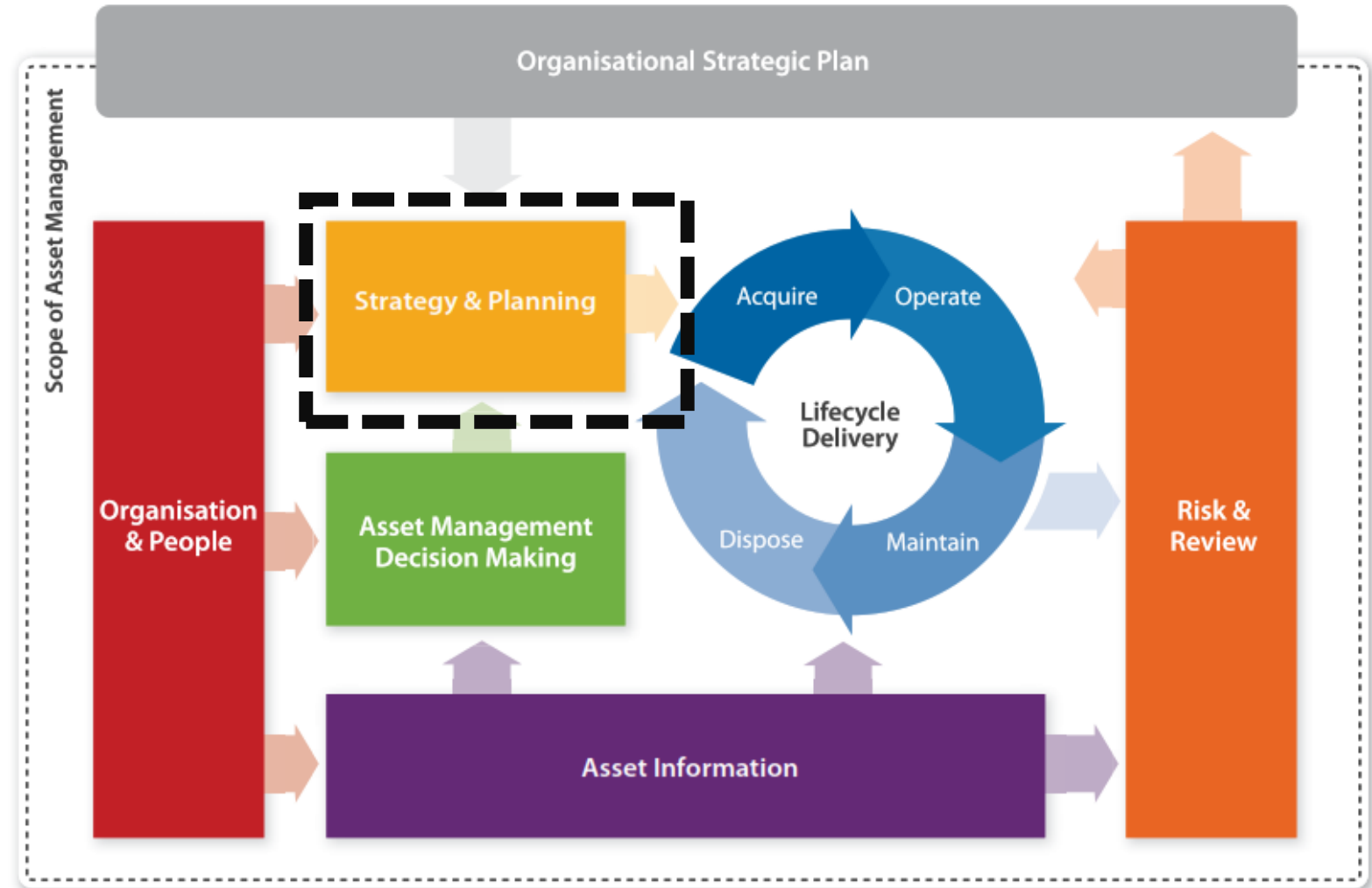
GOALS:

- a) Sustainably manage existing infrastructure
- b) Maintain a high-quality road network
- c) Ensure the County is prepared for future waste management needs
- d) Understand current and future rural water requirements



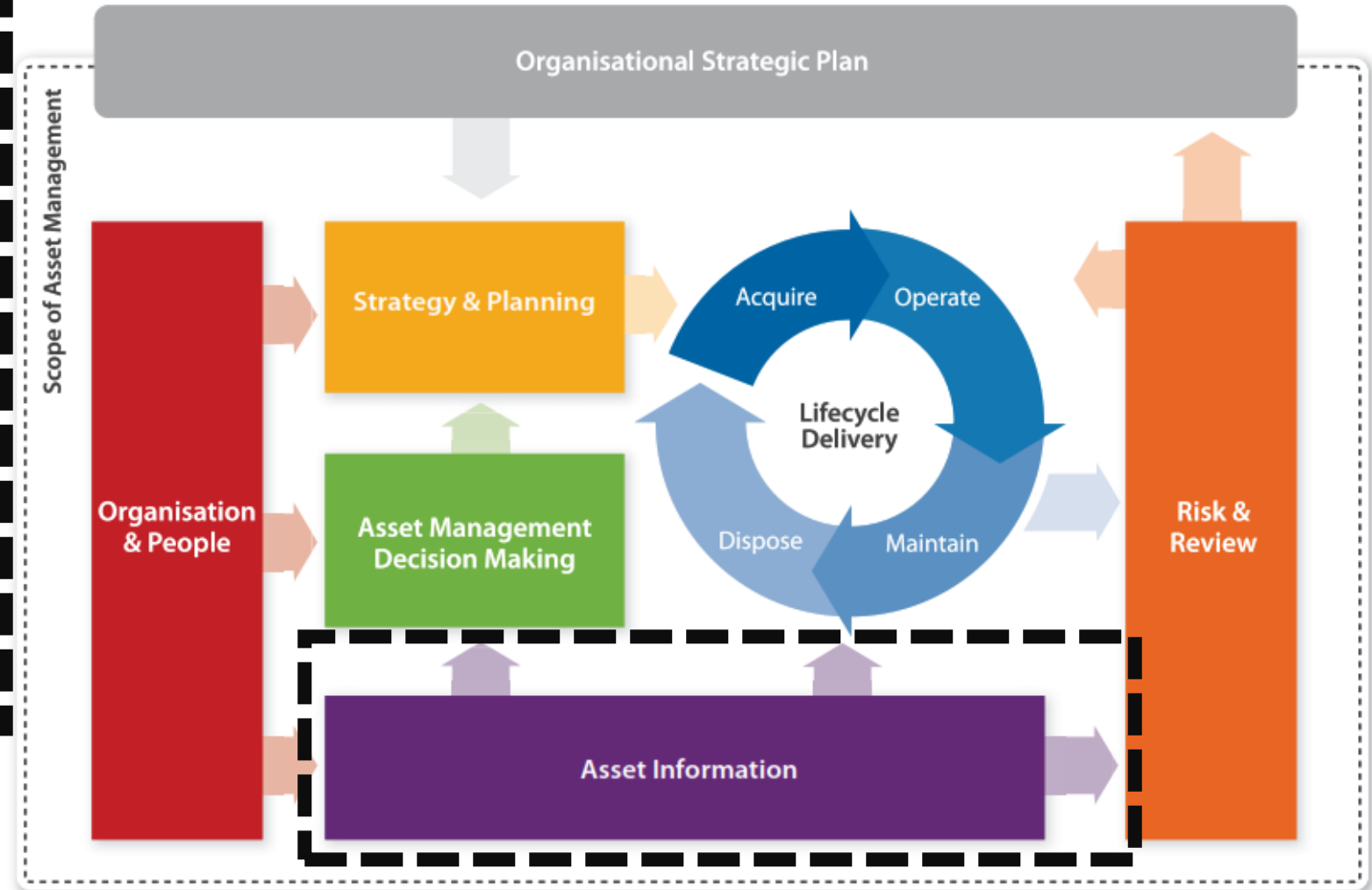
Asset Management Framework

- Asset Management Policy (16-21) – 2025 review.



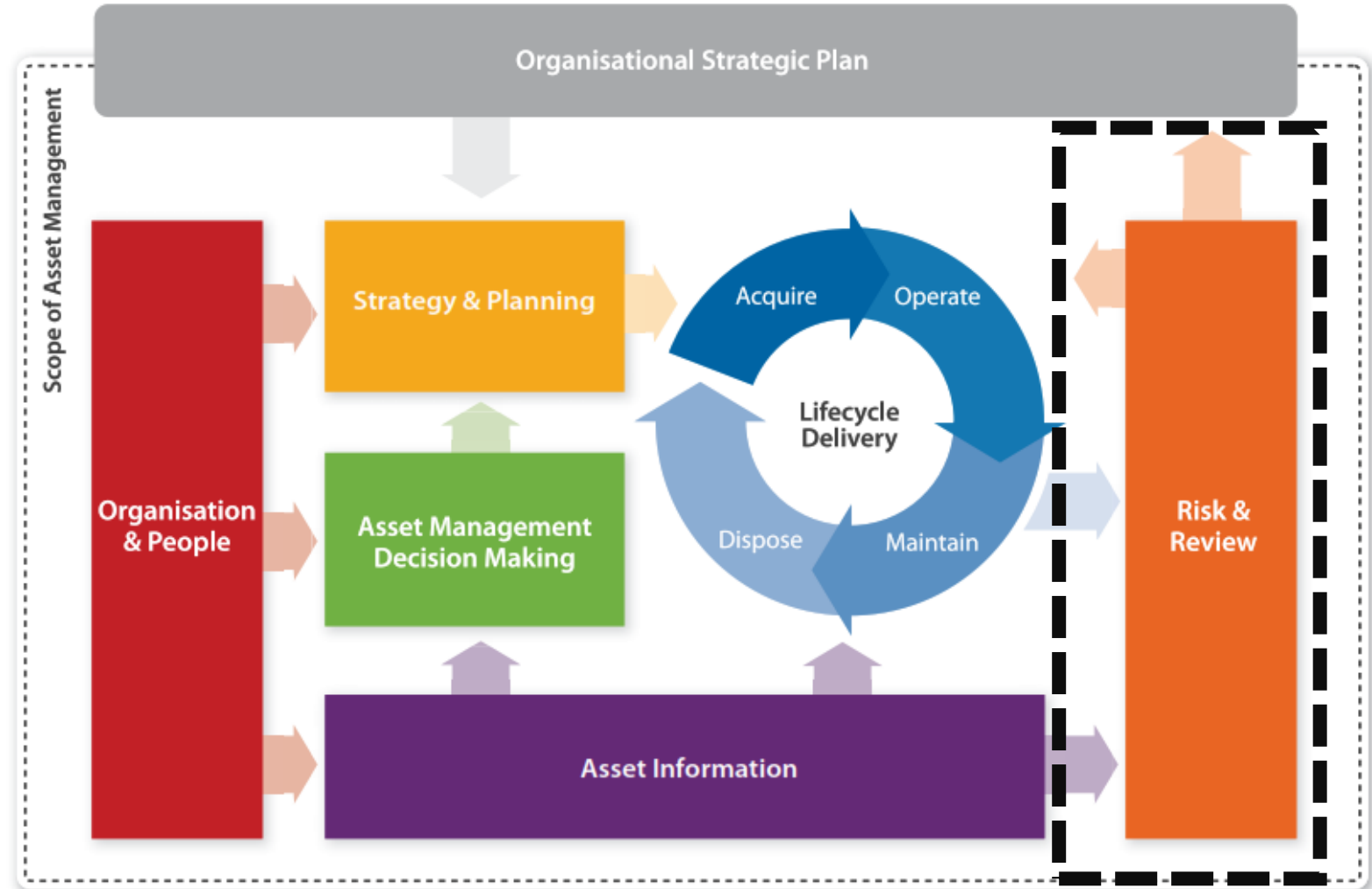
Asset Management Framework

- CEP transfer to city wide to utilize city wide reporting
- Data consolidation and linking of platforms



Asset Management Framework

- Met with CEP stakeholders: Transportation Supervisors, Fire chief, Protective Services Manager, Manager of Parks & Ag Services
- Consequence of failure
- Operational value
- General condition
- Risk



Risk = Condition X Consequence of Failure



	1 - Very Good	2 - Good	3 - Fair	4 - Poor	5 - Very Poor
5 - significant	5	10	15	20	25
4 - Major	4	8	12	16	20
3 - Moderate	3	6	9	12	15
2 - Minor	2	4	6	8	10
1 - Insignificant	2	2	3	4	5

The table uses a color-coded system: 1-2 are green, 3-4 are yellow, and 5 is red. A dashed box highlights the '4 - Poor' header, and an arrow points to the '16' value in the '4 - Major' row. Another dashed box highlights the '16' value, with an arrow pointing to the '4 - Poor' header above it.



Risk = Condition X Consequence of Failure



	1 - Very Good	2 - Good	3 - Fair	4 - Poor	5 - Very Poor
5 - significant	5	10	15	20	25
4 - Major	4	8	12	16	20
3 - Moderate	3	6	9	12	15
2 - Minor	2	4	6	8	10
1 - Insignificant	2	2	3	4	5

The table illustrates the risk matrix. A dashed box highlights the '2 - Good' condition in the header and the '4 - Major' consequence in the left header. An arrow points from the '4 - Major' consequence to the '8' risk value in the cell corresponding to '2 - Good' condition and '4 - Major' consequence.



Risk = Condition X Consequence of Failure

4 - Poor
×
2 - Minor
=
8 - Low Risk

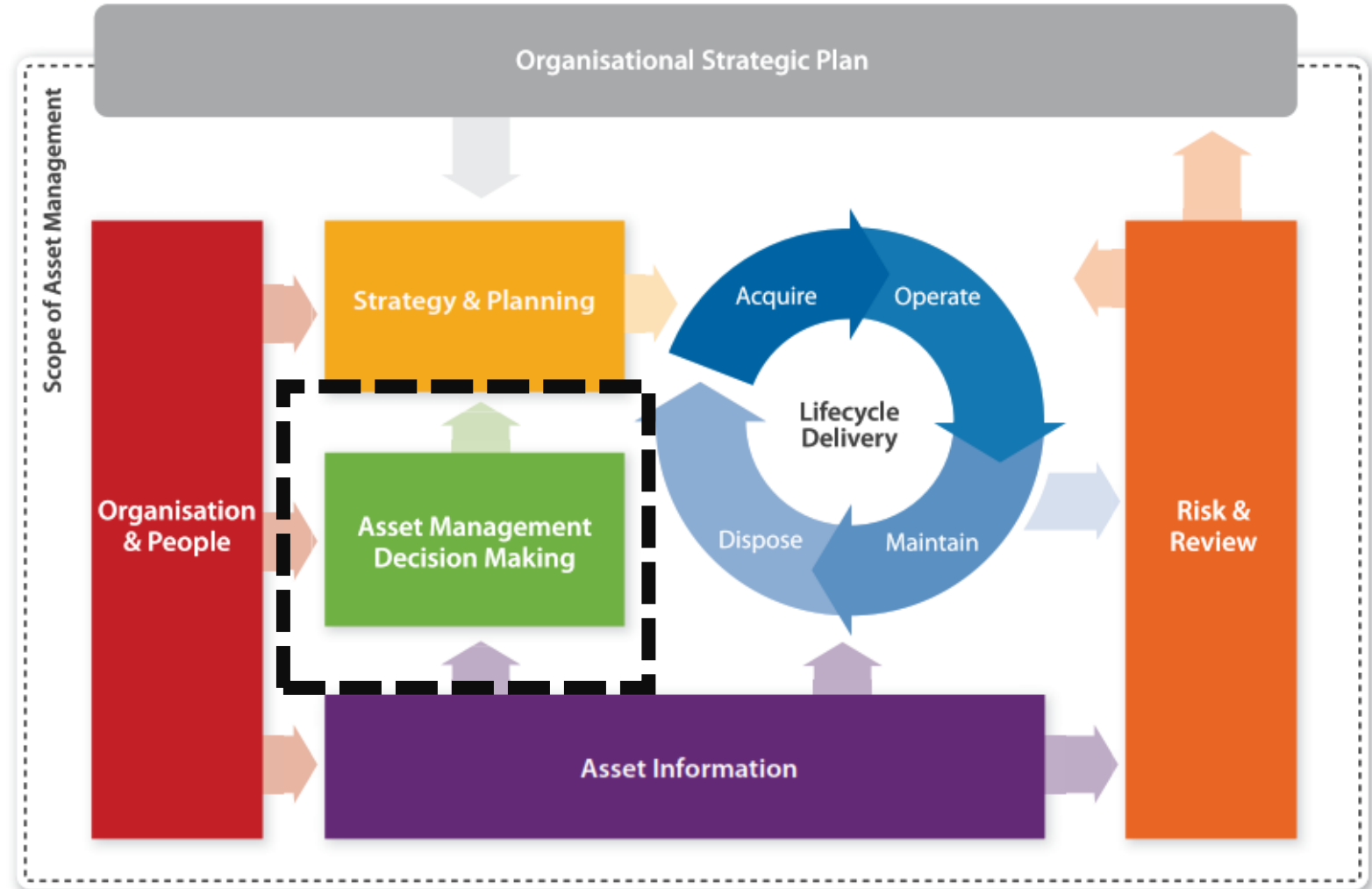


	1 - Very Good	2 - Good	3 - Fair	4 - Poor	5 - Very Poor
5 - significant	5	10	15	20	25
4 - Major	4	8	12	16	20
3 - Moderate	3	6	9	12	15
2 - Minor	2	4	6	8	10
1 - Insignificant	2	2	3	4	5



Asset Management Process

- Lifecycle value realization
- Operational decision making
- Out of service strategy
- Resourcing strategy
- Capital investment decision making (CEP)



Asset Management Process

Maintenance



2 - Good



2 - Minor



4 - Very Low Risk

Parks & Agriculture



2 - Good



2 - Minor



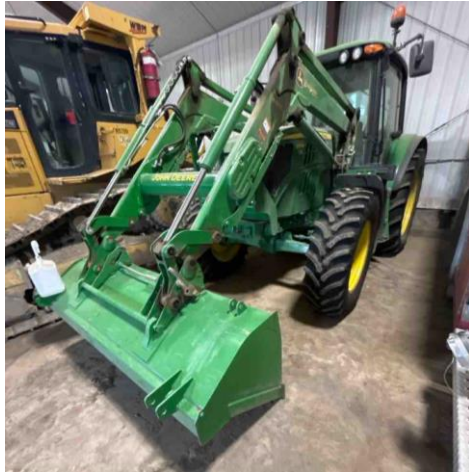
4 - Very Low Risk

- Low usage
- Used for: Discing, seeding, loading material, fence deconstruction, pulling wobbly packer

- Low usage
- Mainly used for: Ditch mowing

Asset Management Process

Maintenance / Parks & Ag



- Moderate usage
- Used for: Discing, seeding, Loading material, fence deconstruction, pulling wobbly packer, ditch mowing

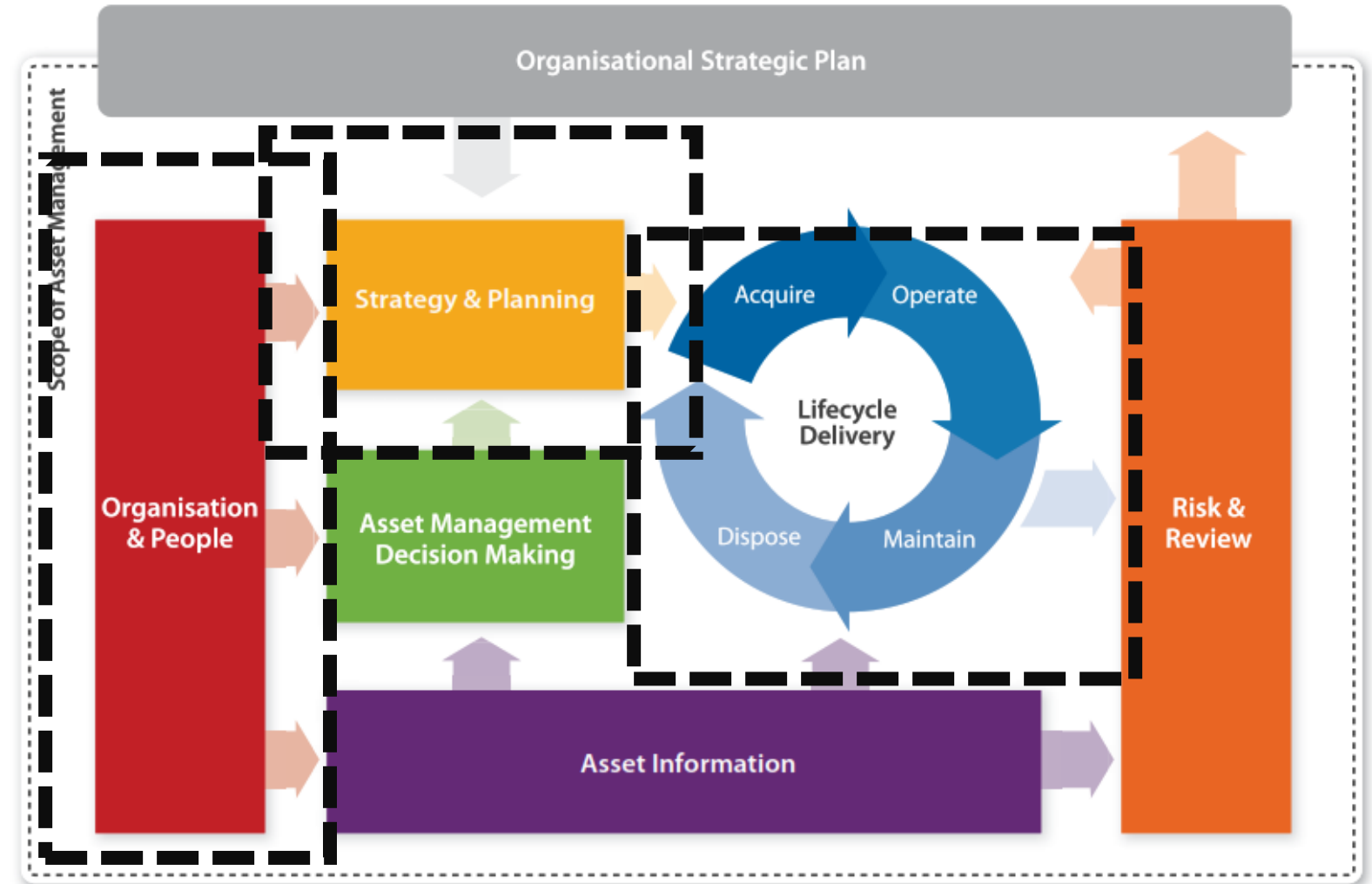
Results

- Increased operational value
- Increased usage
- Increased consequence of failure
- Decrease in CEP funding
- Net proceeds return to CEP Reserve from sale of Ag Tractor



Focus Areas for 2026 CEP

- Strategy & planning
 - AM policy review
- Organization & people
 - Training CEP managers to assess consequence, condition, value and risk through city wide
- Life cycle delivery
 - Maintenance tracking
 - Outage management
 - Resource management





2025 Capital Equipment Plan

Agenda

- CEP Funding Strategy
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- Asset Profiles: Current VS 2025 Changes
- Profile Summary
- Budget Summary
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Asset Profiles: Current & Proposed Changes

Profiles changes do to 2025 CEP

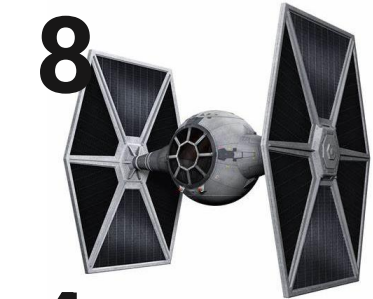
- Light Duty Vehicles
- Medium Duty Vehicles
- Utility Trailers
- Gravel Trailers
- Semi Trailers
- Fire Medium Duty
- Fire Heavy Duty
- Light Duty Equipment
- Heavy Duty Equipment
- Graders

Profiles not changed (Not part of presentation)

- Attachments
- Gravel Pup Trailers
- Semi Tractors
- Body Jobs
- Plow Trucks
- Vac Trucks

Example **Current** Profile: Space Ships

Total Assets	31	Corellian (1), X - Wing (15), Tie Fighter (8), Snow Speeder (4), Imperial Shuttle (3)
Total Historical Cost	\$10,000,000	
Total Replacement Cost	\$30,000,000	
Annual Contribution	\$600,000	
Life Cycle	0 - 50 years	Variable for leased vehicles 2-4 years
Condition Range	0 - 10,000,000,000km	



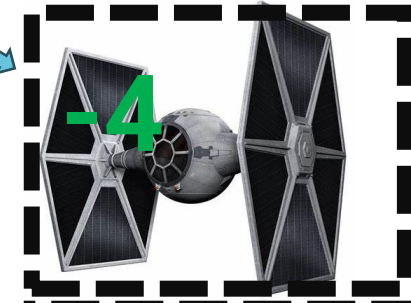
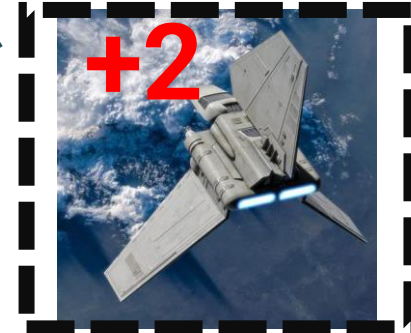
Example Profile **Changes**: Space Ships



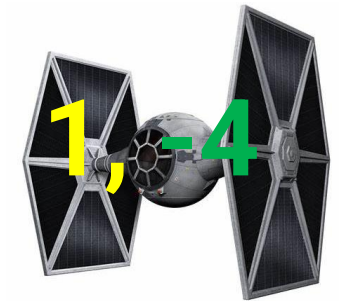
Replacements	4	X - Wing (4)	
New Assets	2	Imperial Shuttle (2)	
Removals	4	Tie Fighter (4)	
Total Assets	29		-2
Total Replacement Cost	\$25,000,000		-\$5,000,000
Annual Contributions	\$500,000		\$100,000

Life Cycle Change	Speeder 50 to 60 years		
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	Budget	
X Wing	\$800,000	
X Wing	\$800,000	
X Wing	\$800,000	
X Wing	\$800,000	
Imperial Shuttle	\$1,200,000	
Imperial Shuttle	\$1,200,000	
Proposed Budget Total	\$5,600,000	

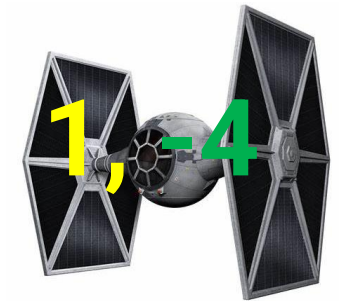


Example Profile **Changes**: Space Ships



Replacements	4	X - Wing (4)
New Assets	2	Imperial Shuttle (2)
Removals	4	Tie Figher (4)
Total Assets	29	-2
Total Replacement Cost	\$25,000,000	-\$5,000,000
Annual Contributions	\$500,000	-\$100,000
Life Cycle Change	Speeder 50 to 60 years	
	Budget	
X Wing	\$800,000	
X Wing	\$800,000	
X Wing	\$800,000	
X Wing	\$800,000	
Imperial Shuttle	\$1,200,000	
Imperial Shuttle	\$1,200,000	
Proposed Budget Total	\$5,600,000	

Example Profile **Changes:** Space Ships



Replacements	4	X - Wing (4)	
New Assets	2	Imperial Shuttle (2)	
Removals	4	Tie Fighter (4)	
Total Assets	29		-2

Total Replacement Cost	\$25,000,000		-\$5,000,000
Annual Contributions	\$500,000		-\$100,000

Life Cycle Change	Speeder 50 to 60 years		
-------------------	------------------------	--	--

	Budget	
X Wing	\$800,000	
X Wing	\$800,000	
X Wing	\$800,000	
X Wing	\$800,000	
Imperial Shuttle	\$1,200,000	
Imperial Shuttle	\$1,200,000	
Proposed Budget Total	\$5,600,000	

Current Profile: Light Duty Vehicles



Total Assets	34	1/2 Ton Pickup (18), 3/4 Ton Pickup (10), SUV (3), Enforcement SUV (3)
Total Historical Cost	\$1,623,000	
Total Replacement Cost	\$2,416,000	49%
Annual Contribution	\$523,000	
Life Cycle	2, 4, & 5 years	Variable for leased vehicles 2-4 years
Condition Range	0-160,000km	

Profile Changes: Light Duty Vehicles

Replacements	7	1/2 Ton Rent (3), 1/2 ton (3), 3/4 Ton(1)
New Assets	0	
Removals	0	
Total Assets	34	
Total Replacement Cost	\$2,416,000	
Annual Contributions	\$523,000	
	Budget	
1/2 Ton 1 Year Rental	\$9,000	
1/2 Ton 1 Year Rental	\$9,000	
1/2 Ton 1 Year Rental	\$9,000	
1/2 Ton	\$84,000	
1/2 Ton	\$84,000	
1/2 Ton	\$84,000	
3/4 Ton	\$84,000	
Proposed Budget Total	\$363,000	



Profile Change: ½ Ton Rentals

1 Year Cost	3 Rentals	3 Purchased	Difference
Rental/ Depreciation	\$23,250	\$25,200	-\$1,950
Maintenance	\$600	\$4,500	-\$3,900
Total	\$23,850	\$29,700	-\$5,850



- Consideration & Impacts
 - Reduced Maintenance Risk
 - 3 Less Assets to Maintain
 - Tires, preventive maintenance, major failures are all rental company's risk.
 - Trade Ag rentals for Supervisor Trucks
 - 15,000 km less wear & tare per truck per year. (45,000km Total per year)
 - Operational Flexibility
 - CEP funding Reduction (after 1 year trial)
 - Increase to Operational Budget



Current Profile: Medium Duty Vehicles



Total Assets	9	Welding Truck (1), Sign Truck (1), Flat Bed (4), Dump Box (3)
Total Historical Cost	\$420,000	
Total Replacement Cost	\$1,222,000	191%
Annual Contribution	\$131,000	
Life Cycle	10 years	
Condition Range	0-10 years	

Profile Changes: Medium Duty Vehicles

Replacements	3	Sign Truck (1), Flat Bed* (1), Dump Box (1)*
New Assets	0	
Removals	0	
Total Assets	9	
		Difference (Current - Proposed)
Total Replacement Cost	\$1,222,000	
Annual Contributions	\$131,000	
	Budget	
Dump Box* (Repurpose Existing Asset)	\$8,000	
Flat Bed* (3 years early)	\$136,000	
Sign Truck	\$165,000	
Proposed Budget Total	\$309,000	



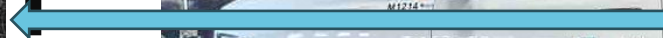
Medium Duty Vehicle: Flat Deck Conversion

Flat Bed 1 Ton (3 years early replacement)

- Underpowered
- Risk of exceeding weight
- Condition Rating 75/ 100 – **Good**
- Will be repurposed as dump box truck
- Replacement purchased

Dump Box 1 Ton (End of Useful Life)

- Vehicle Condition Rating – **Fair**
- Dump box + hydraulics Condition rating - **Good**



Current Profile: Utility Trailers

Total Assets	14	Utility Enclosed (2), Utility Dump (2), Utility Flat Deck (7) Tilt Deck (2), Flat Deck Goose (1)
Total Historical Cost	\$195,000	
Total Replacement Cost	\$373,000	91%
Annual Contribution	\$25,000	
Life Cycle	10 years	
Condition Range	0-10 years	



Profile Changes: Utility Trailers

Replacements	1	Utility Flat Deck (1)	
New Assets	0		
Removals	1	Utility Flat Deck (1)	
Total Assets	13	-1	
		Difference (Current - Proposed)	
Total Replacement Cost	\$353,000		-\$20,000
Annual Contributions	\$24,000		-\$1,000
Life Cycle	Change All Utility Trailers from 10 to 15 Years		
	Budget		
Utility Flat Deck	\$22,000		
Proposed Budget Total	\$22,000		
Utility Flat Deck Disposal	1	Not on CEP	



Current Profile: Gravel Trailers

Total Assets	11	End Dump (5), Belly Dump (2), Super B (3), Water Tanker Pup (1)
Total Historical Cost	\$990,000	
Total Replacement Cost	\$1,233,000	25%
Annual Contribution	\$154,000	
Life Cycle	8 Years	
Condition Range	0-8 Years	



Profile Changes: Gravel Trailers

Replacements	1	Belly Dump (1)
Additions	0	
Removals	0	
Total Assets	11	
		Difference (Current - Proposed)
Total Replacement Cost	\$1,233,000	
Annual Contributions	\$154,000	
	Budget	
Belly Dump	\$109,000	
Proposed Budget Total	\$109,000	



Current Profile: Semi Trailers



Total Assets	2	Low Boy (1), Dry Van (1)
Total Historical Cost	\$82,000	
Total Replacement Cost	\$279,000	240%
Annual Contribution	\$14,000	
Life Cycle	Dry Van (20), Lowboy (10) Years	
Condition Range	0-10, 0-20 years	



Profile Changes: Semi Trailers

Replacements	1	Low Boy* (1)
New Assets	0	
Removals	0	
Total Assets	2	
		Difference (Current - Proposed)
Total Replacement Cost	\$ 279,000	
Annual Contributions	\$ 14,000	
Life Cycle	Change Low Boy from 10 to 15 Years	
	Budget	
Low Boy* (5 Years Early)	\$275,000	
Proposed Budget Total	\$275,000	



Semi Trailer: Early Lowboy Replacement



Current Low Boy Trailer (Replacement 5 years early)

- Can haul: Wheel Loaders (3), Backhoes (3), Dozer (2) = Total 8
- Can haul only if: Ramp is built & still able to drive: Grader (11)
- Can not haul: all heavy-duty trucks (14)



Replacement Low Boy Trailer

- Can haul Easily: Wheel Loaders (3), Backhoes (3), Dozer (2) Grader (11), all Heavy Duty Vehicles (14) = Total 33
- Improved safety unloading and loading
- No ramp required, easily haul all heavy duty equipment and vehicles.
- Increased rescue ability of 22 more assets due to easy load and winch capabilities.

Current Profile: Fire Medium Duty

Total Assets	6	Bush Buggy Type 7 (3), Fire Rescue Truck (2), Fire Chief SUV (1)
Total Historical Cost	\$269,000	
Total Replacement Cost	\$1,239,000	361%
Annual Contribution	\$79,000	
Life Cycle	10, 20 years	0-10 older assets, 0-20 years new assets
Condition Range	0-10, 0-20 years	



Profile Change: Fire Medium Duty

Replacements	0	
New Assets	2	Bush Buggy Type 6 (2) Carbon & Three Hills
Removals	1	Three Hills Bush Buggy Type 7 (1)
Total Asset	7	+1
		Difference (Current - Proposed)
Total Replacement Cost	\$ 1,590,000	\$351,000.00
Annual Contributions	\$ 97,000	\$18,000.00
Life Cycle	Change Fire Chief SUV from 10 to 20 Years	
	Budget	
Bush Buggy Type 6 (Carbon)	\$390,000	
Bush Buggy Type 6 (Three Hills)	\$390,000	
Proposed Budget Total	\$780,000	



Current Profile: Fire Heavy Duty



Total Assets	14	Fire Engine (6), Fire Tender (6), Fire Rescue (2)
Total Historical Cost	\$4,915,000	
Total Replacement Cost	\$10,000,000	103%
Annual Contribution	\$500,000	
Life Cycle	20 Years	
Condition Range	0-20 Years	

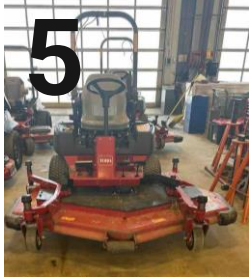
Profile Changes: Fire Heavy Duty

Replacements	1	Fire Engine Linden (1)
New Assets	0	
Removals	0	
Total Asset	14	
		Difference (Current - Proposed)
Total Replacement Cost	\$ 10,000,000	
Annual Contributions	\$ 500,000	
	Budget	
Fire Engine Linden	\$1,045,000	
Proposed Budget Total	\$1,045,000	
County Spare Engine Disposal	1	Not on CEP



Current Profile: Light Equipment

Total Assets	11	Mower (5), Fork Lift (1), UTV (1), Skid Steer (1), Soil Compactor (1), Tool cat (1), Tractor (1)
Total Historical Cost	\$569,000	
Total Replacement Cost	\$762,000	34%
Annual Contribution	\$82,000	
Life Cycle	5, 10 Years	
Condition Range	0-7, 0-10	

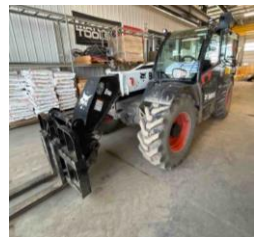


Profile Changes: Light Equipment

Replacements	0	
Additions	1	Crack Sealer (1)
Removals	0	
Total Assets	12	+1

		Difference (Current - Proposed)
Total Replacement Cost	\$865,000	\$103,000
Annual Contributions	\$92,000	\$10,000

Life Cycle Change	Mowers	from 5 to 7 years
	Budget	
Crack Sealer	\$113,000	
Proposed Budget Total	\$113,000	



Profile Changes: Crack Sealer Addition/ Replacement

Existing Crack Sealer

- In Service 1984
- Requires a crew of 4 to run
- Additional assets needed:
portable air compressor, flat deck trailer
- Currently not funded through CEP



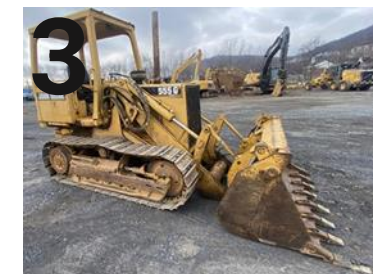
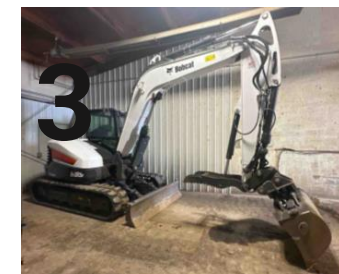
Replacement Crack Sealer

- Requires a crew of 2
- 2 staff will serve as flaggers for traffic control
- Improved quality of road repair
 - Expected lifecycle estimated useful life extension on paved roads
- Safer for crew to operate



Current Profile: Heavy Equipment

Total Assets	14	Tractor (2), Soil Compactor (2), Loader (3), Dozer/ Crawler (3), Backhoe (3), Landfill Compactor (1)
Total Historical Cost	\$4,137,000	
Total Replacement Cost	\$6,228,000	51%
Annual Contribution	\$572,000	
Life Cycle	10 Years	
Condition Range	0 - 10,000 hours	



Profile Changes: Heavy Equipment

Replacements	1	Loader (1)	
Additions	0		
Removals	3	Tractor (1), Crawler (1), Soil Compactor (1)	
Total Assets	11	-3	
		Difference (Current - Proposed)	
Total Replacement Cost	\$5,358,000		-\$870,000
Annual Contributions	\$485,000		-\$87,000
	Budget		
Loader	\$593,000		
Proposed Budget Total	\$593,000		



Current Profile: Graders

Total Assets	11	Grader (11)
Total Historical Cost	\$6,557,000	
Total Replacement Cost	\$7,830,000	
Annual Contribution	\$1,119,000	
Life Cycle	7 Years	
Condition Range	0-9500 Hrs	



Current Profile: Graders



Replacements	2	Grader (2)
Additions	0	
Removals	0	
Total Assets	11	
		Difference (Current - Proposed)
Total Replacement Cost	\$7,830,000	
Annual Contributions	\$1,119,000	
	Budget	
Grader	\$757,000	
Grader	\$757,000	
Proposed Budget Total	\$1,514,000	





2025 Capital Equipment Plan

Agenda

- CEP Funding Strategy
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Profile Change: Summary

Total Assets	126	
Total Historical Cost		\$19,757,000
Total Replacement Cost		\$31,532,000 60%
Replacements	17	
New Assets	3	
Removals	5	
Total Asset	124	-2
	Difference (Current - Proposed)	
Total Replacement Cost Difference		-\$437,000
Annual Contributions Difference		-\$60,000
Budget	Quantity	Total Cost
Proposed Budget Total	20	\$5,120,000



Budget Summary

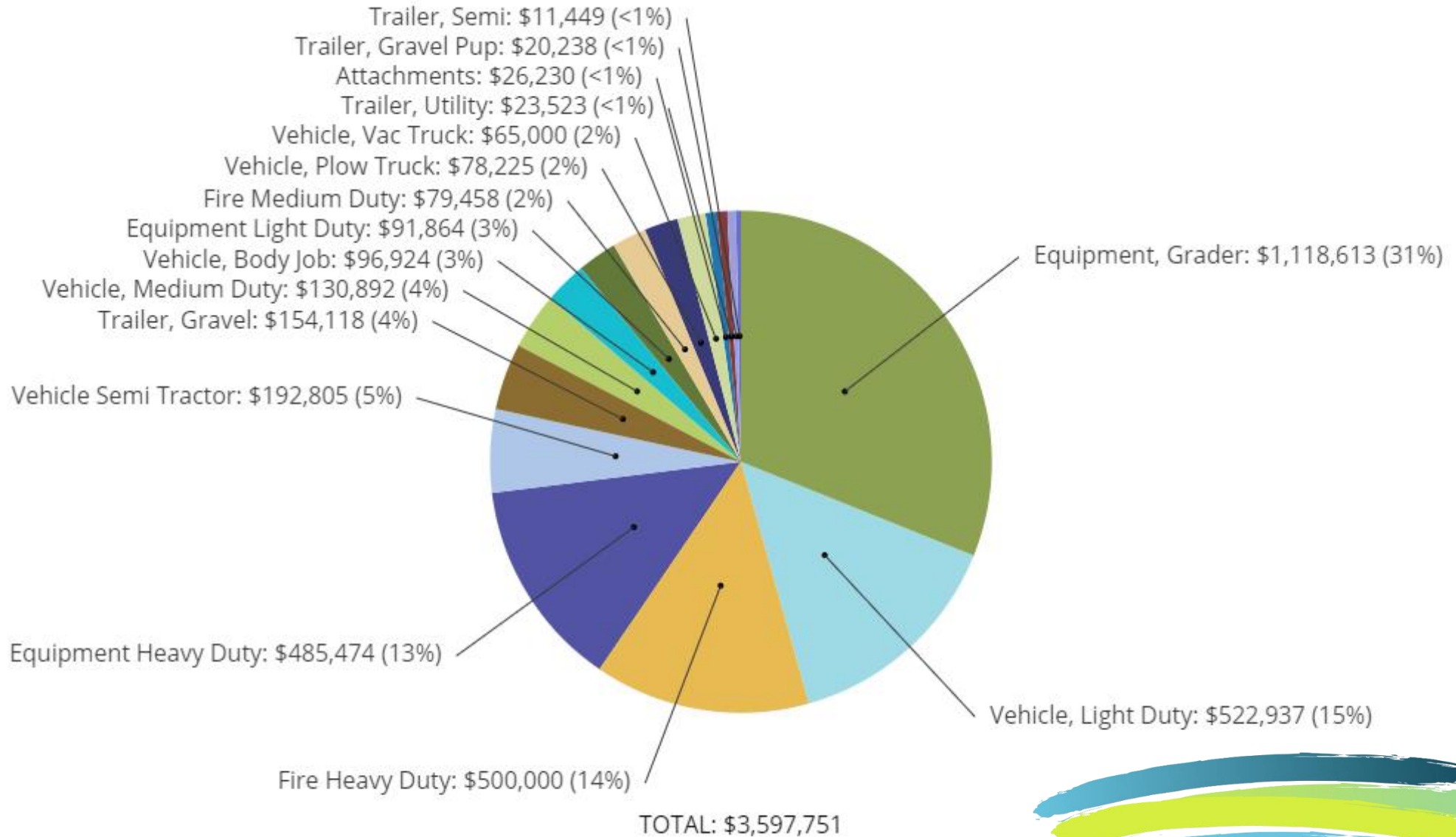
Profile	Asset Type	Budget
Fire Heavy Duty	Fire Engine	\$1,045,000
Fire Medium Duty	Fire Bush Buggy Type 6	\$390,000
Fire Medium Duty	Fire Bush Buggy Type 6	\$390,000
Gravel Trailer	Belly Dump	\$106,000
Grader	Grader	\$757,000
Grader	Grader	\$757,000
Heavy Duty Equipment	Loader	\$593,000
Light Duty Equipment	Crack Sealer	\$113,000
Light Duty Vehicle	1/2 Ton Pickup	\$9,000
Light Duty Vehicle	1/2 Ton Pickup	\$9,000
Light Duty Vehicle	1/2 Ton Pickup	\$9,000
Light Duty Vehicle	1/2 Ton Pickup	\$84,000
Light Duty Vehicle	1/2 Ton Pickup	\$84,000
Light Duty Vehicle	1/2 Ton Pickup	\$84,000
Light Duty Vehicle	3/4 Ton Pickup	\$84,000
Medium Duty Vehicle	1-2 Ton Dump Box	\$8,000
Medium Duty Vehicle	1-2 Ton Flat Bed	\$136,000
Medium Duty Vehicle	1-2 Ton Sign Truck	\$165,000
Semi Trailer	Lowboy	\$275,000
Utility Trailer	Utility Flat Deck	\$22,000
Proposed Budget Total		\$5,120,000

Recommendation: That the Committee of the Whole recommend to Council to approve a draw of \$5,120,000 from the capital equipment reserve to fund CEP purchases for 2025.

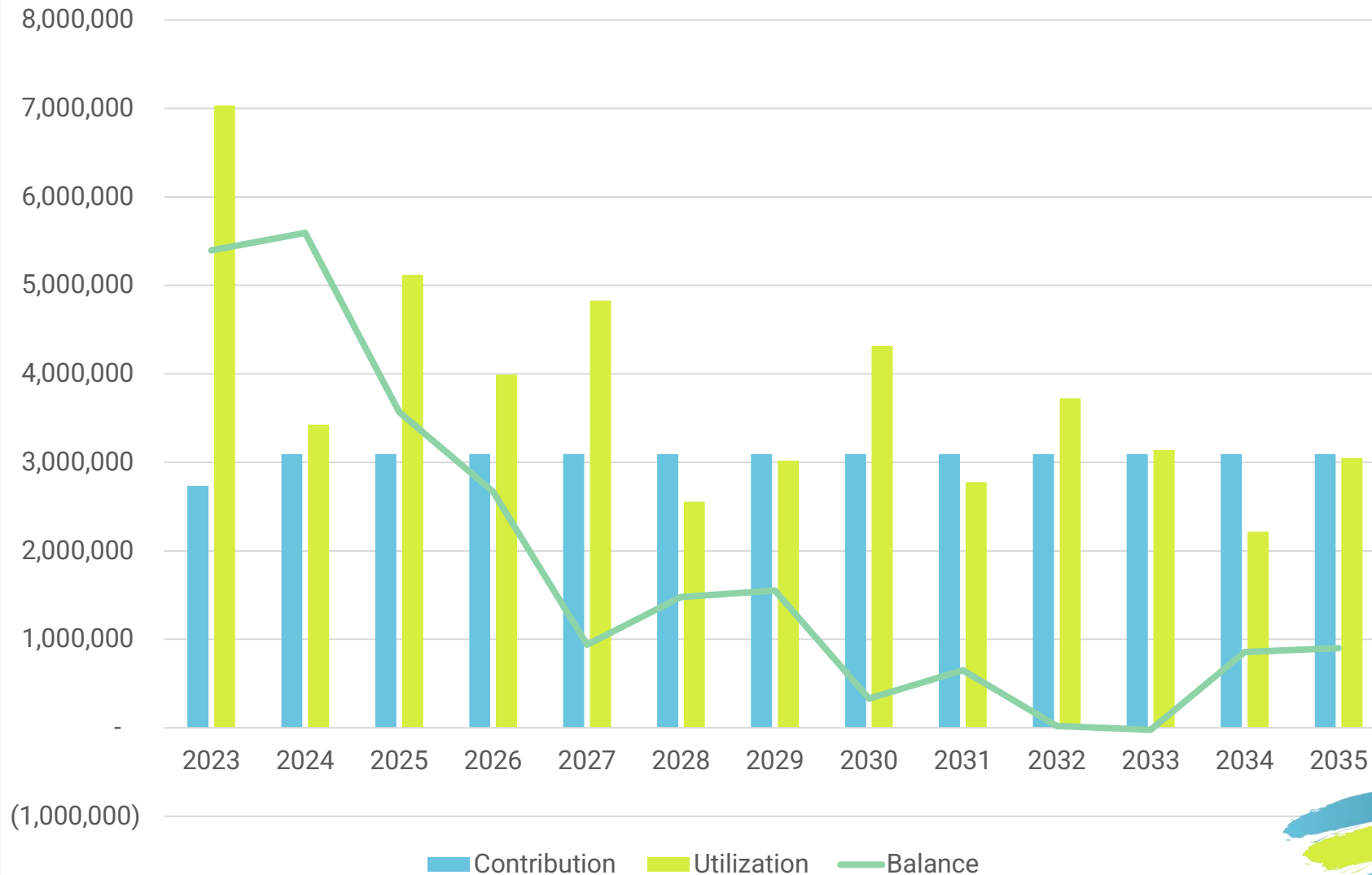
Council Decision: Sept 24th



Contribution Summary



Contribution Scenario 1: \$3,094,888 (2024 Contribution Amount)

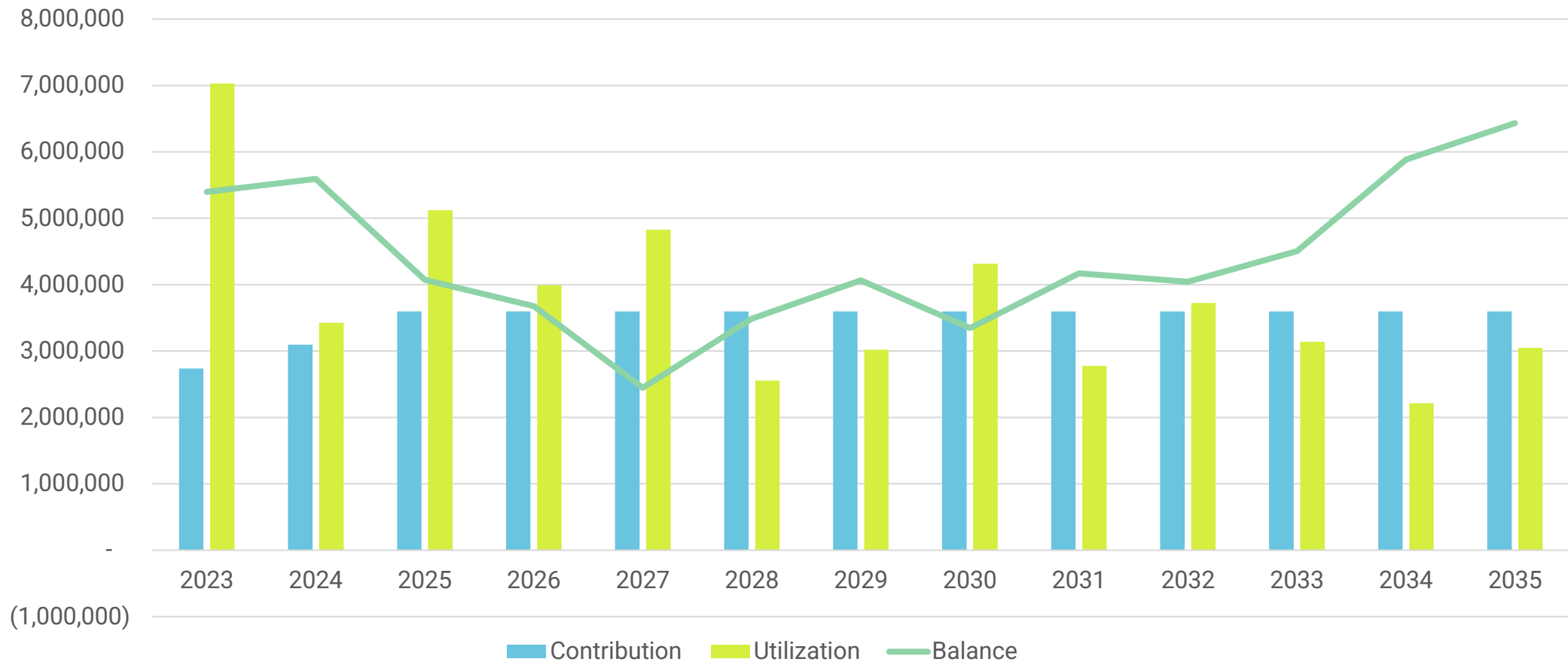


(1,000,000)



Contribution Scenario 2: \$3,600,000

2025 Recommended Contribution



Recommendation: That the Committee of the Whole recommend to Council to consider contributions of \$3,600,000 to the Capital Equipment Plan reserve during 2025 operating budget deliberations.



2025 Capital Equipment Plan

