

2024 CORPORATE ASSET MANAGEMENT PLAN – PART B NON-CORE INFRASTRUCTURE



JUNE 17, 2024 COUNCIL

Purpose

1. Review O.Reg 588/17 Timelines
2. Refresh of Oakville AMP Service Level Framework and Governance Structure
3. To present overview of the Service Profiles for Non-Core Infrastructure
4. Council approval of Corporate Asset Management Plan Part B for Non-Core Infrastructure

Strategic Asset Management is a decision making process.

It helps us care for the infrastructure
that delivers valuable services to
our community, in a way that:

- **Considers service needs**
- **Manages risks and opportunities**
- **Uses resources wisely**

Asset management involves the balancing of costs, opportunities and risks against the desired service level performance of assets, to achieve the organizational objectives.

Source: ISO 55000



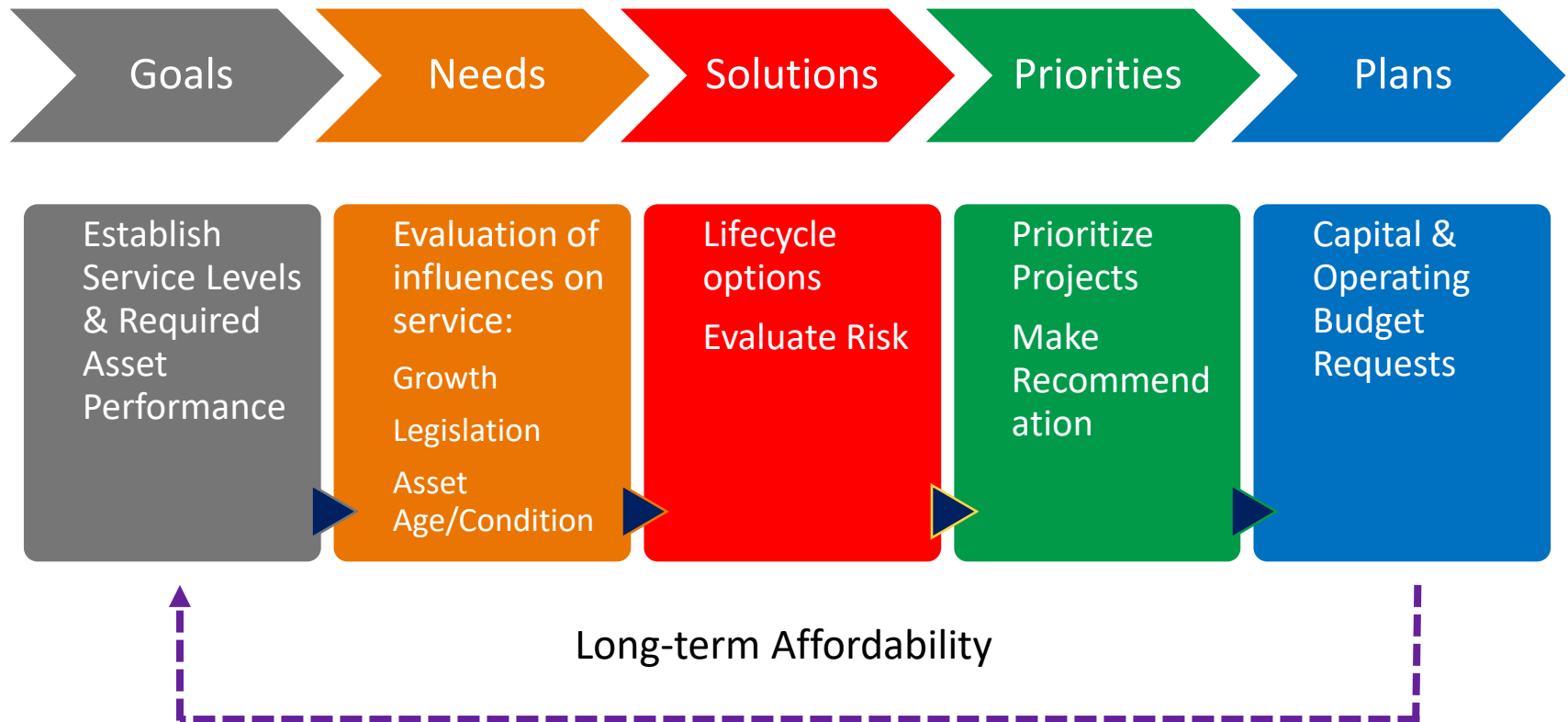
What do people in our community want?

Safe and sustainable services in a predictable, cost-effective manner.



Asset Management Cycle

Clearly defined levels of service and risk assessment promotes finding the best value and most appropriate solution



Asset Management Policy, Strategy and Plans

Who &
Why?

Organizational Strategic Plan

- Sometimes also referred to as a “Business Plan”
- Sets out organizations high level vision and mission
- Defines overarching Organizational Objectives

Council
Decisions

Asset Management Policy

- Articulates senior management commitment to Asset Management and Continual Improvement
- Provides “top down” direction regarding expectations and mandatory requirements for Asset Management and defines the key principles that underpin Asset Management at the organization.

Council
Decisions

How?

Asset Management Strategy (SAMP)

- Translates Stakeholder Needs into AM Decision Making Criteria
- Confirms the Scope of AM System
- Expands on how the AM Policy will be delivered through the AM System
- Defines a suite of AM Objectives that align with Organizational Objectives

EMT
Decisions

What,
Where &
When?

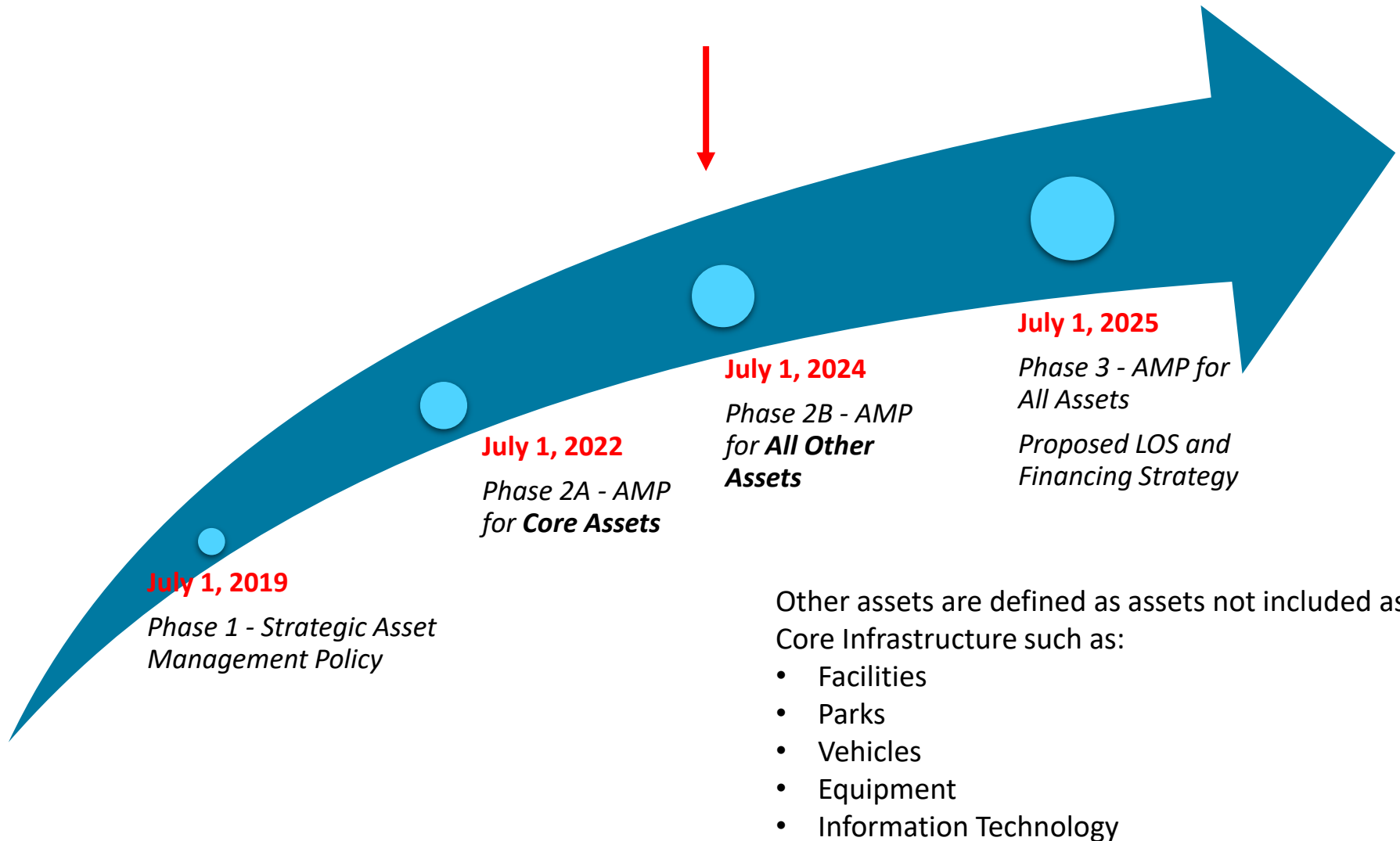
Asset Management Plans (AMPs)

- Sets out the specific life cycle activities managing the assets over the short, & long term including consideration of asset age, condition, service expectations, timelines, and other resource requirements.
- Looks at operational, maintenance and renewal/replacement needs over time.

Department
Decisions

Line of Sight

O.Reg.588/17 Requirements



CORPORATE ASSET MANAGEMENT PLAN AT THE TOWN OF OAKVILLE

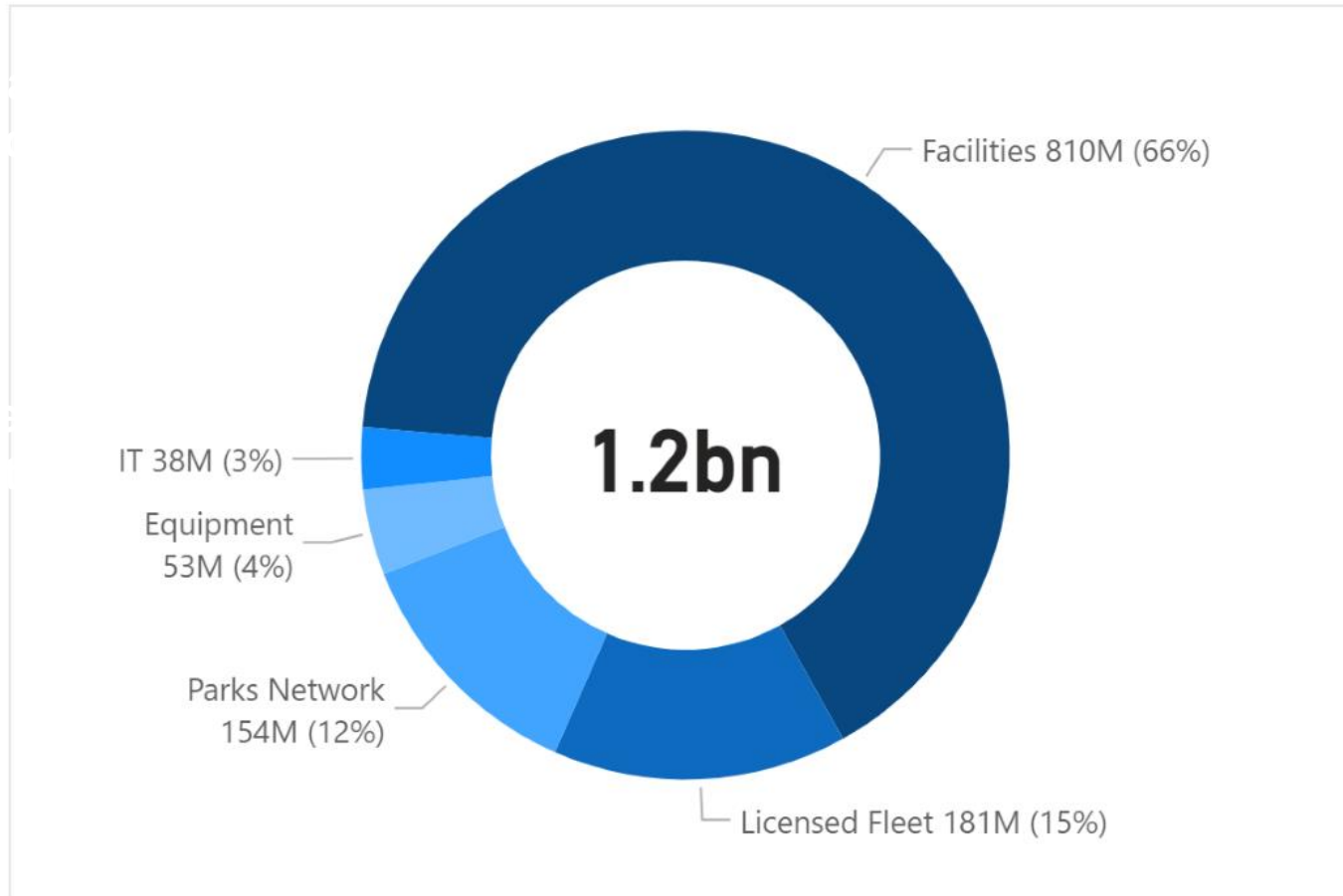


Asset Management Plans...



What do We Own?

\$1.2 Billion



State Of Infrastructure

Good

- Early stage of life
- Robust maintenance activity

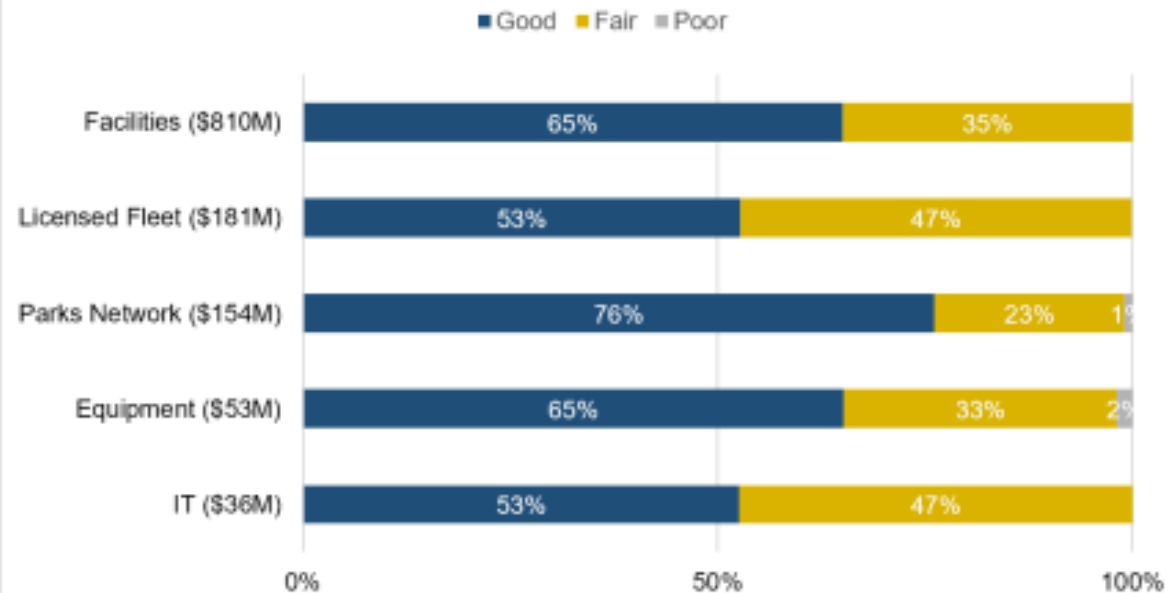
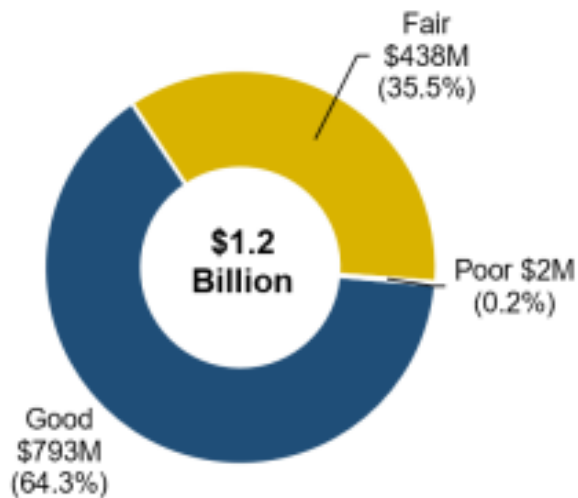
Fair

- Midlife still performing
- Monitor/minor upgrade

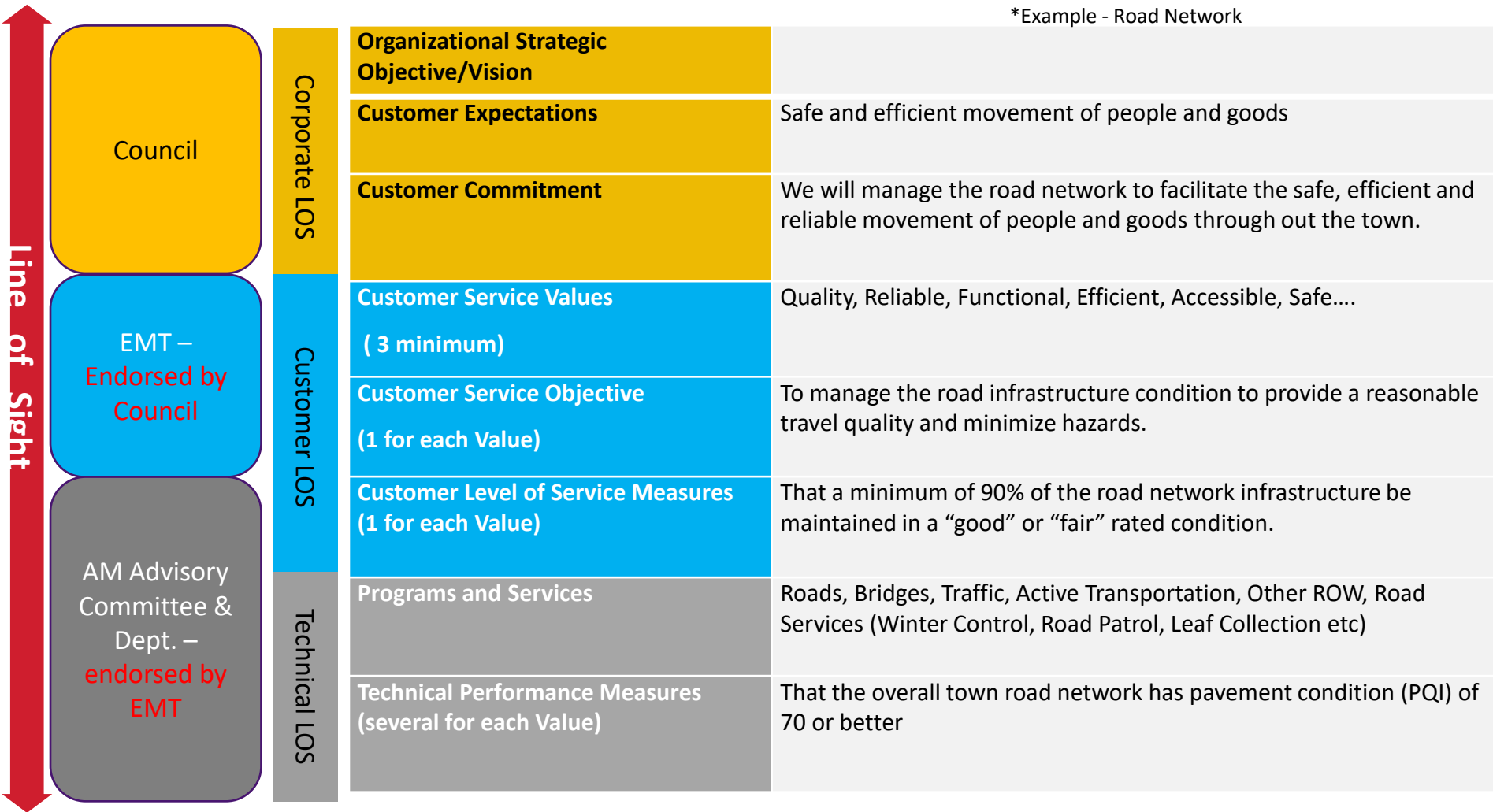
Poor

- Reaching end of life
- Plan for renewal/replace

Non-Core Assets Condition



OAKVILLE Level of Service Framework template



Key Customer Service Values

Value	Focus	Examples
Quality	Asset Condition and Performance	Renewal and Rehab Programs
Reliable	Minimize Breakdowns & Service Disruptions	Operating Activities Preventative Maintenance Corrective Repairs Inspection Programs
Functional	Change in Service demands or outside influences (i.e. growth, climate change)	Growth Program, Service/Asset Enhancement Service /Asset Efficiencies Climate Mitigation / Adaptation Initiatives

CLOS Measures - Quality

Asset Class	Quality	Measure	Performance
Licensed Fleet	To manage the vehicle conditions to a reasonable quality to minimize service interruption.	The percentage of fleet vehicles be maintained in a “fair” or better rated condition	99%
Equipment	To manage the equipment conditions to a reasonable quality and minimize service interruption.	The percentage of equipment be maintained in a “fair” or better rated condition.	96%
Parks	To manage the condition of park assets to a reasonable quality and minimize service interruption.	The percentage of Park Amenities be maintained in a “fair” or better rated condition	94%
Facilities	To manage the condition of facility assets to a reasonable quality and minimize service interruption.	The percentage of all facilities be maintained in a “fair” or better rated condition	70%
Information Technology	To manage the conditions of the IT Assets in accordance with standards and legislative requirements.	Ensure that a minimum 75% of End Point devices adhere to the standard Useful life	83%

RISK ASSESSMENT

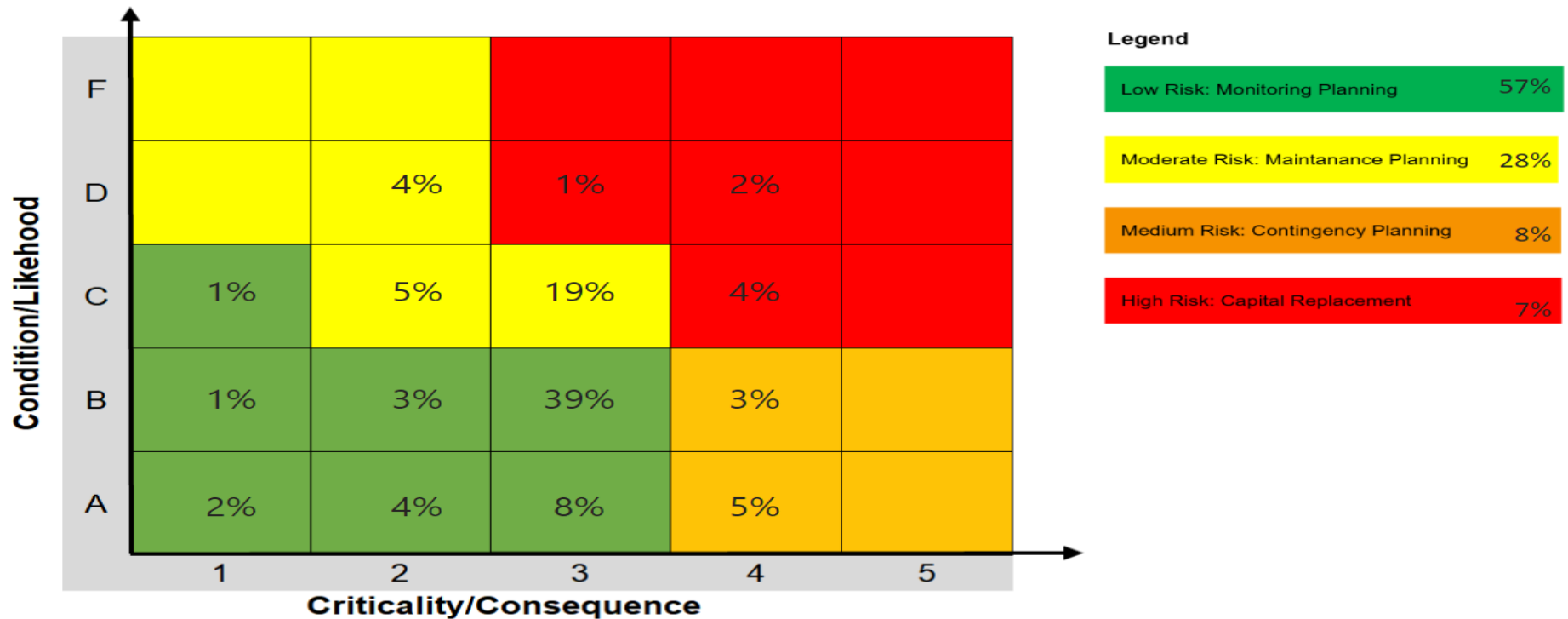
Understanding risk is an important component of managing service delivery in a sustainable manner.

Risks for can be assessed at both the asset-level (risk of any asset failing) and at the service-level (risk of not delivering the required service level)

Consequence Criteria and Percent Weight	Scoring Description	Score
Health & Safety/ Environmental Impact (35%)	Fatality/Serious illness/Reportable environmental incident	5
	Disabling injury (Long Term)	4
	Lost time injury (Set period of time)	3
	Minor injury	2
	No injury	1
Customer Service Impact (25%)	Major interruption in service until mitigation	5
	Moderate interruption/break in service until mitigation	4
	Minor break in service/customer concerns; no mitigation required	3
	Repeat occurrences/regular complaints; constant minor	2
	No effect	1
Regulatory Impact (20%)	Direct regulatory (Legislative effect)	5
	Town policy or procedure	3
	No effect	1
Single Point Failure (15%)	Multiple/asset network effect	5
	One parent asset effect	3
	Single effect	1
Replacement Time (5%)	Major planned replacement (potentially more than 12 months)	5
	Requires planned replacement but can be done within 6-12 months	3
	replacement within normal operations (0-6months)	1

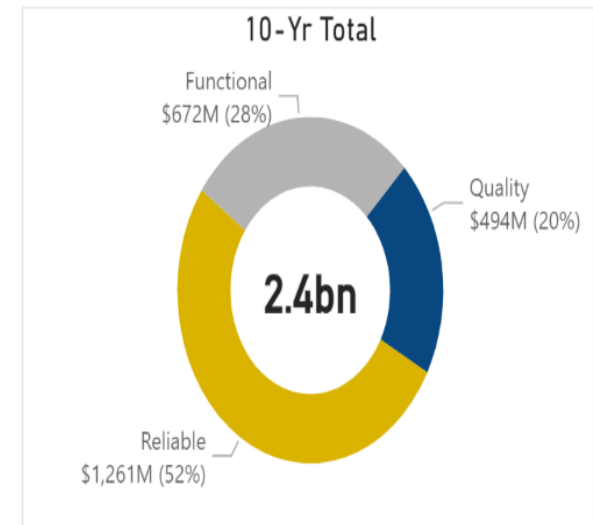
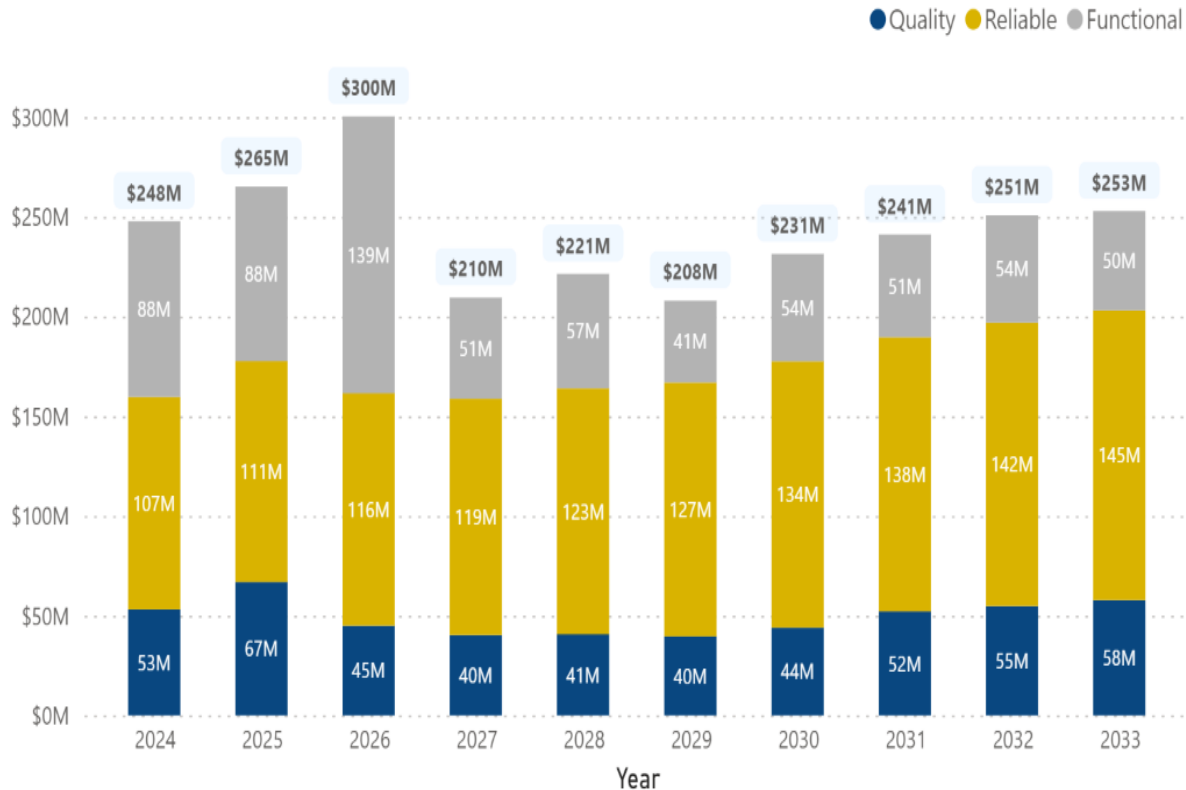
Asset Risk Assessment

The Criticality/Consequence rating is then combined with the Condition rating to create an overall asset level risk ranking.



Forecasted 10 Year Cost (2023)

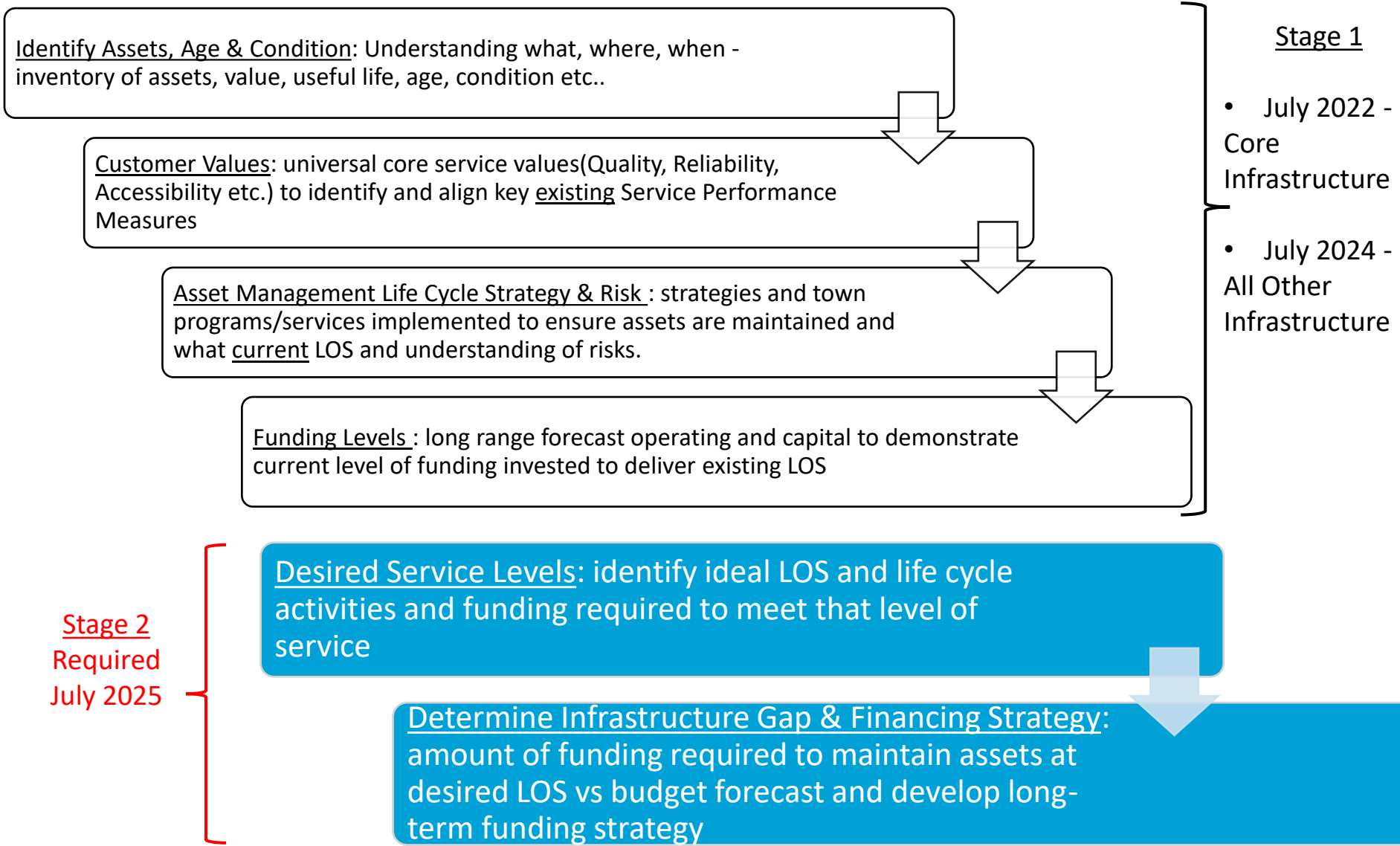
(Capital and Operating)



NEXT STEPS

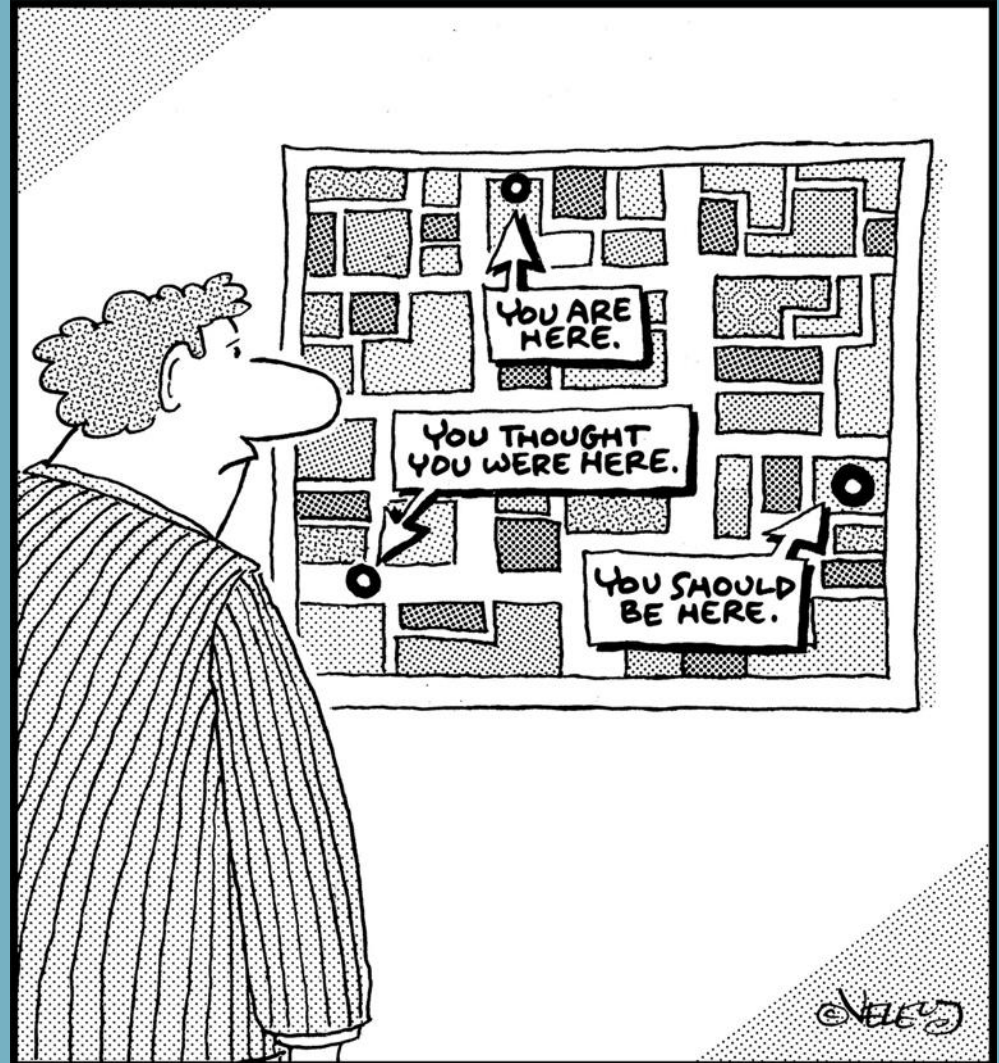


ASSET MANAGEMENT PLAN REQUIREMENTS



Asset management is...

- A process
- A journey
- An approach
- A way of doing business



QUESTIONS