



Park Asset Management

Amenity and Pavement Condition Assessment

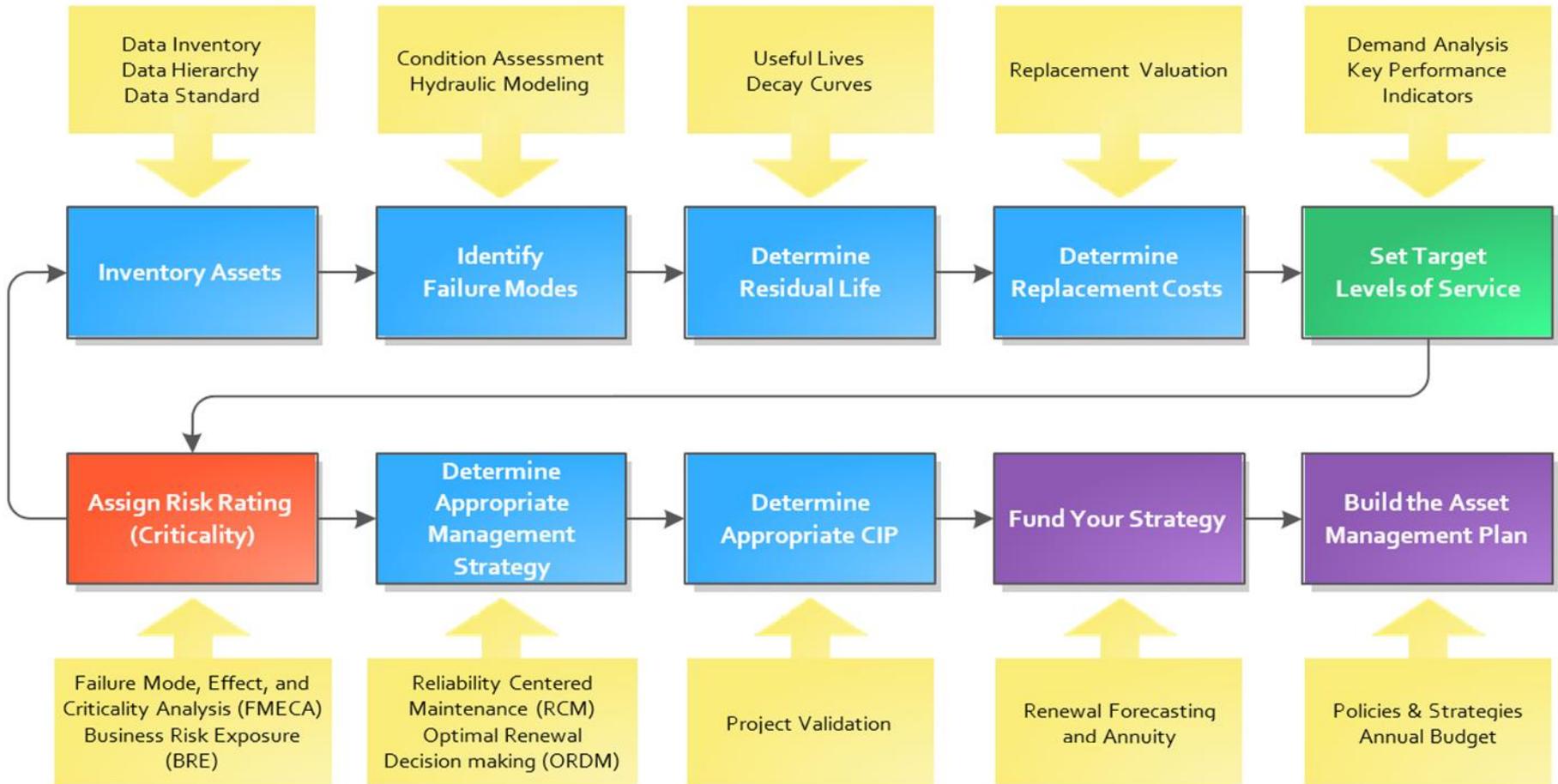


COMMUNITY
SERVICES DEPARTMENT





Asset Management Process





Pavement - Quick Facts

2,813,669 sq.ft

of Pavement in Inventory

\$25,323,019

Total Estimated Amenity Value

26%

Percent of Park Assets By Value





Amenities - Quick Facts

5,049

Amenities in inventory

\$6,547,469

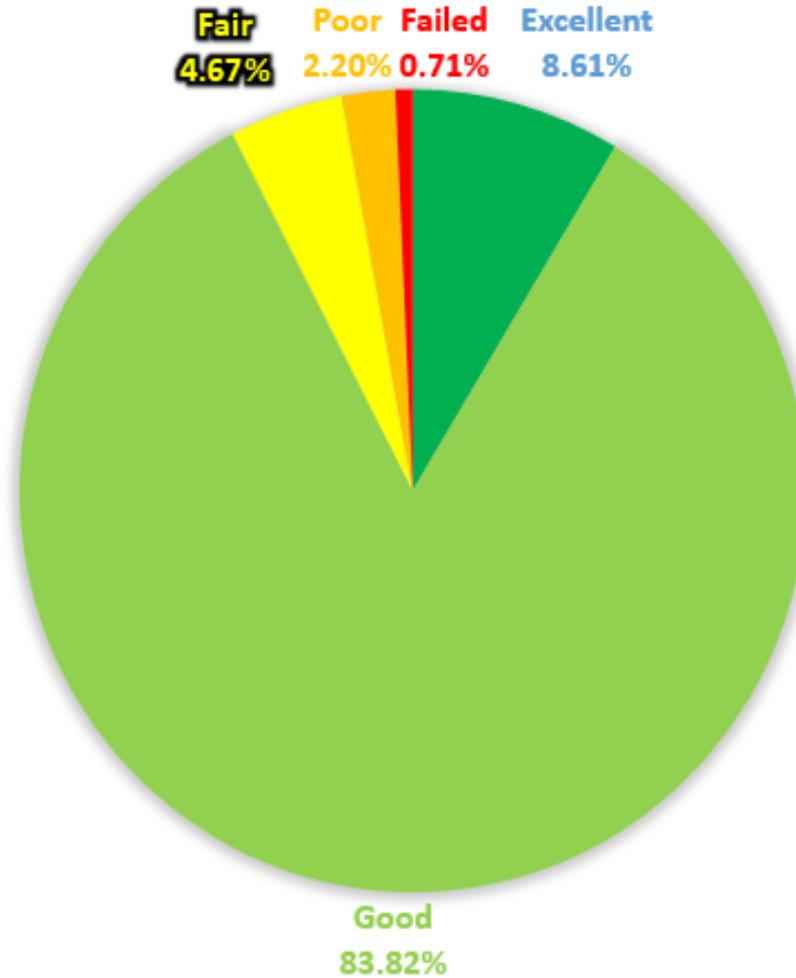
Total Estimated Amenity Value

7%

Percent of Park Assets By Value

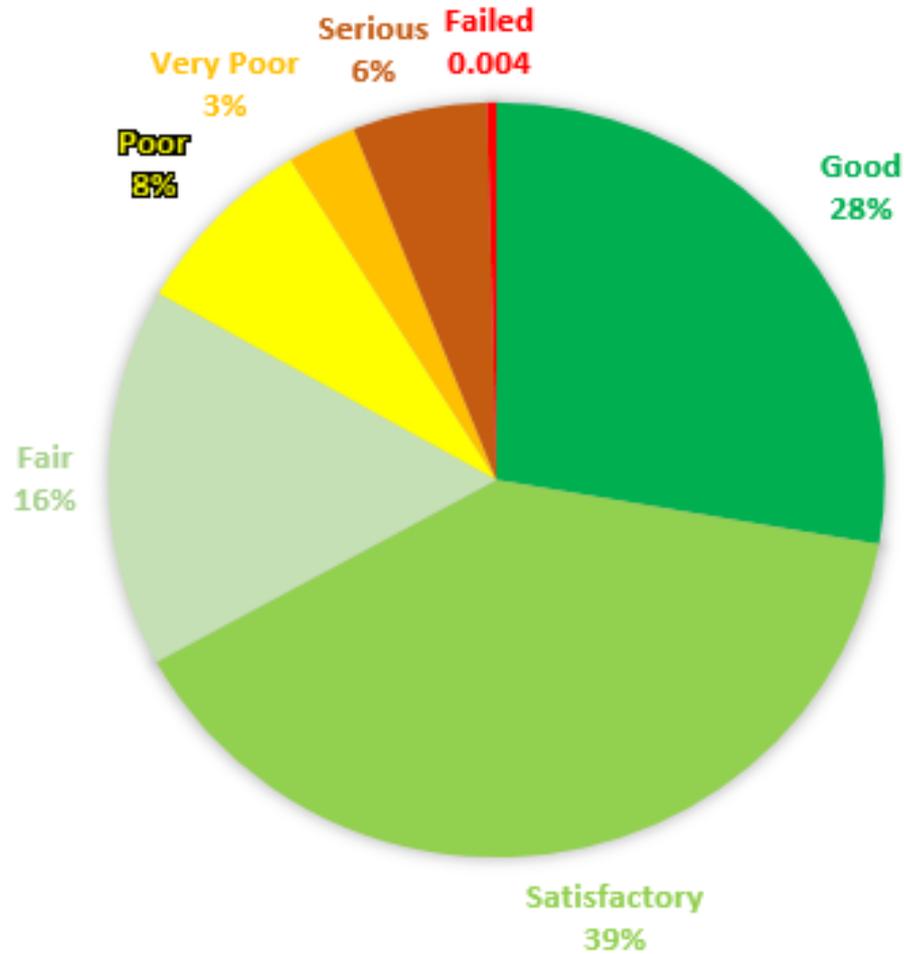


Amenity Condition Results





Pavement Condition Results





Risk

Amenity Risk

Consequence of Failure	Severe	5	\$ -	\$ 51,231	\$ 7,690	\$ 4,725	\$ 1,374
	Significant	4	\$ -	\$ 201,702	\$ 13,592	\$ 18,207	\$ 17,755
	Moderate	3	\$ -	\$ 256,985	\$ 29,593	\$ 40,712	\$ 7,543
	Minor	2	\$ -	\$ 153,315	\$ 34,786	\$ 27,471	\$ 8,664
	Negligible	1	\$ -	\$ 63,106	\$ 5,832	\$ 1,604	\$ 5,312
	Score		1	2	3	4	5
		Excellent	Good	Fair	Poor	Failed	

Likelyhood of Failure

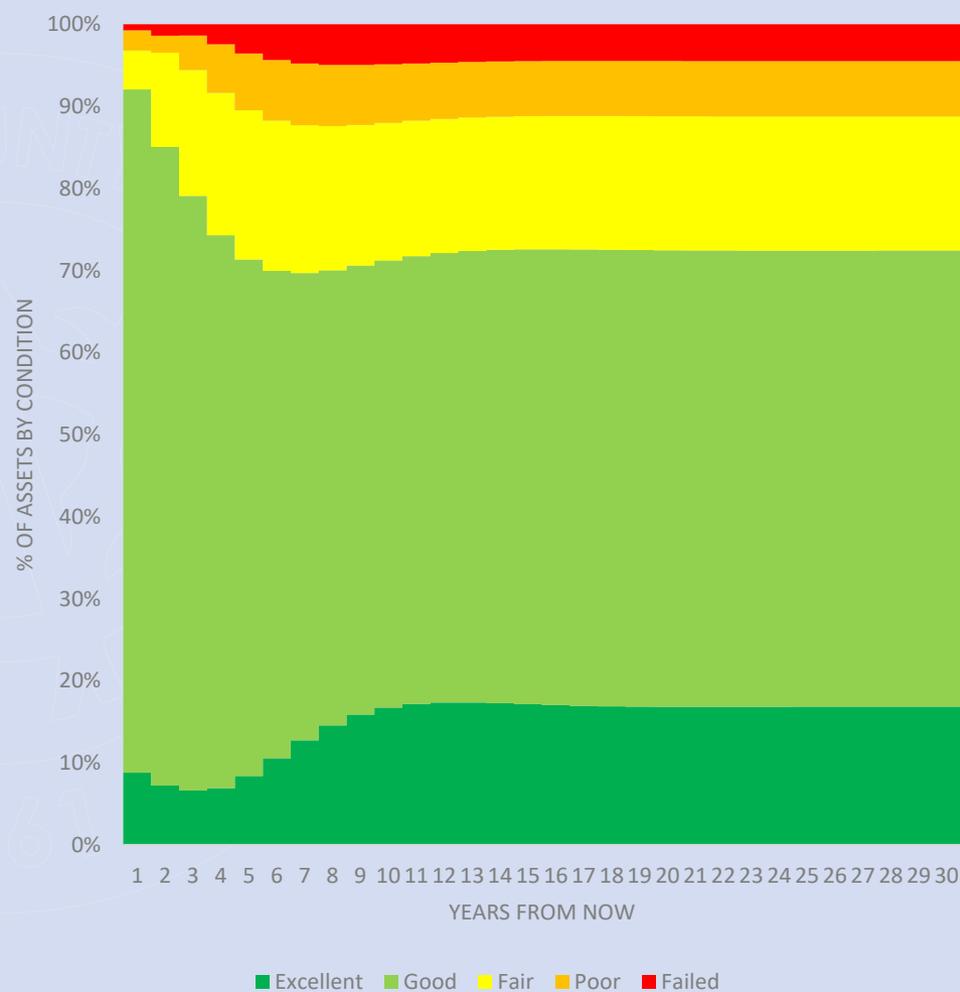
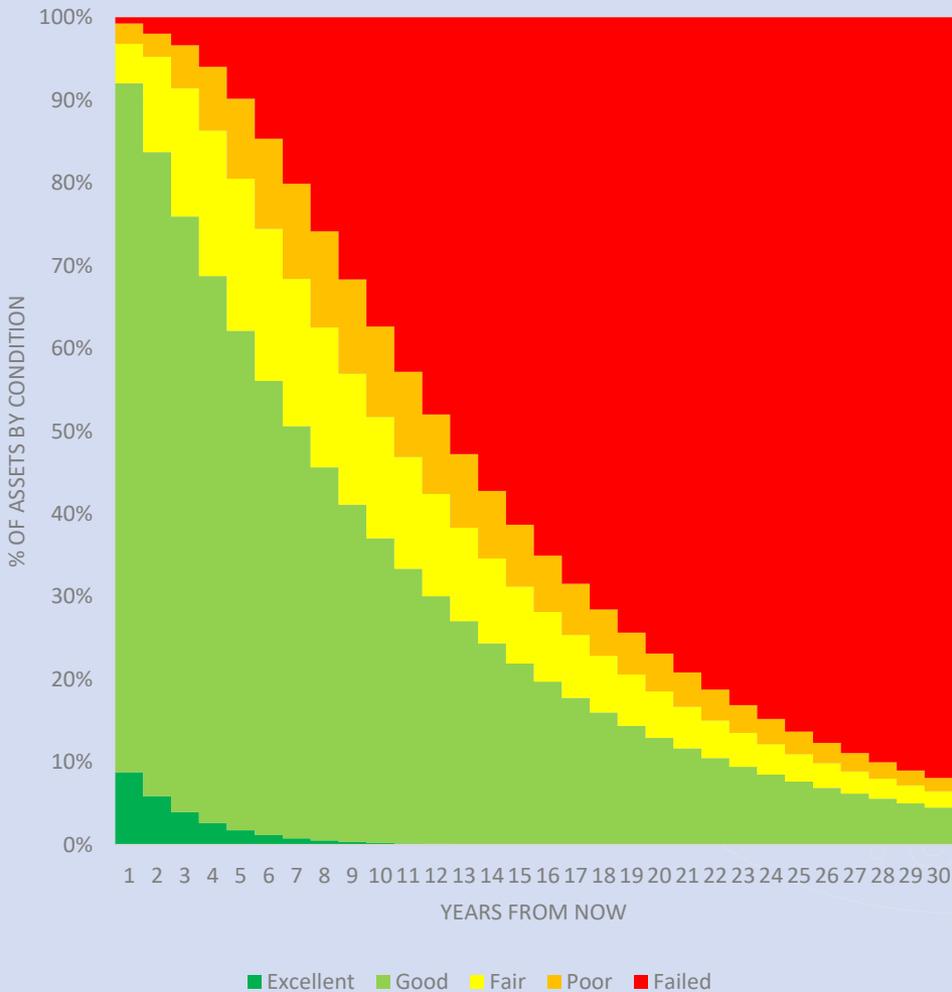
Pavement Risk

Consequence of Failure	Severe	5	\$ -	\$ -	\$ -	\$ -	\$ -
	Significant	4	\$ -	\$ 221,091	\$ -	\$ 82,528	\$ 161,110
	Moderate	3	\$ -	\$ 65,512	\$ 98,545	\$ 25,606	\$ -
	Minor	2	\$ -	\$ 64,666	\$ 374,976	\$ -	\$ 77,411
	Negligible	1	\$ -	\$ 179,023	\$ 325,775	\$ 833,261	\$ 2,016,204
	Score		1	2	3	4	5
		Excellent	Good	Fair	Poor	Failed	

Likelyhood of Failure

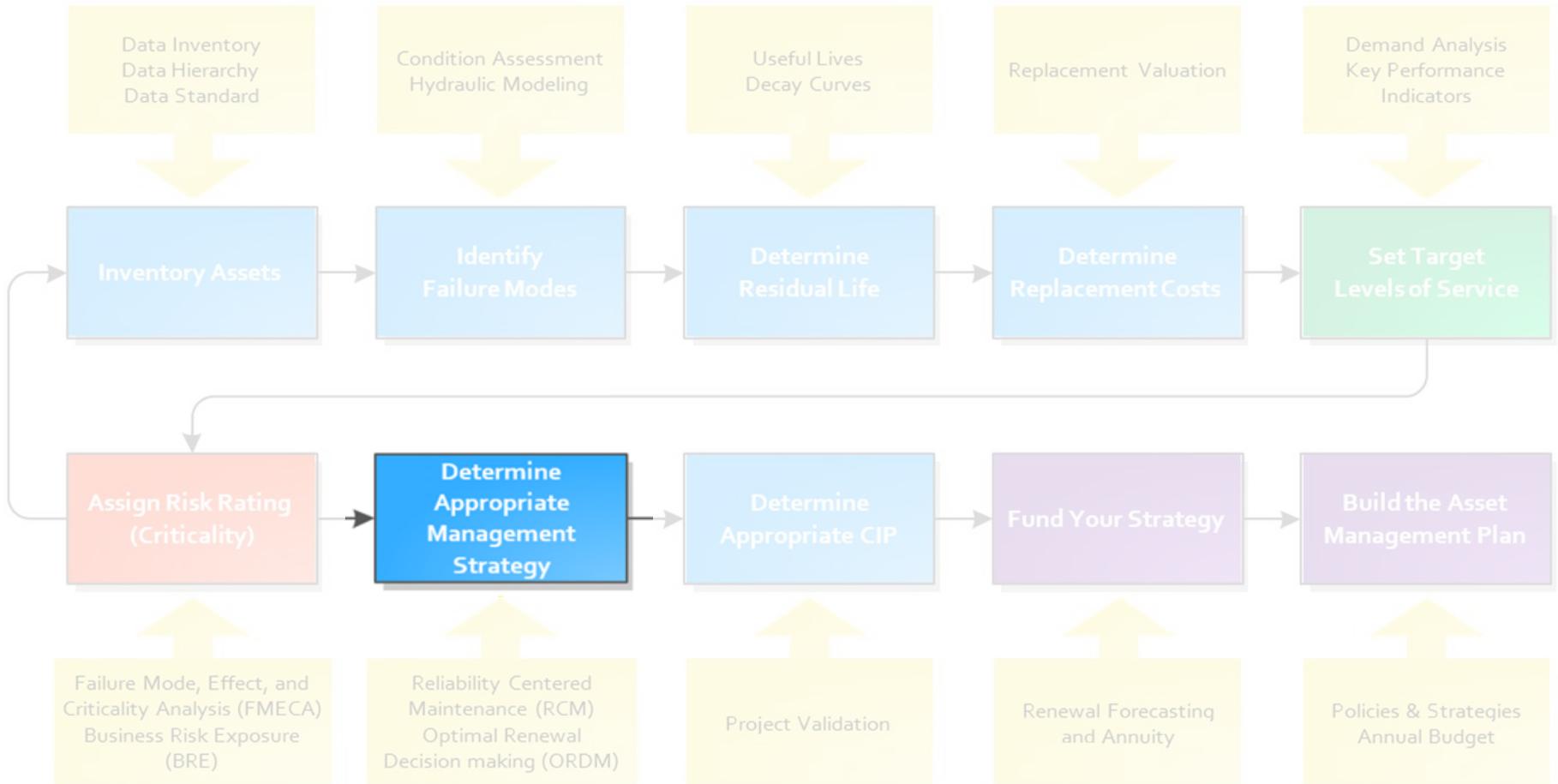


Amenity Simulation

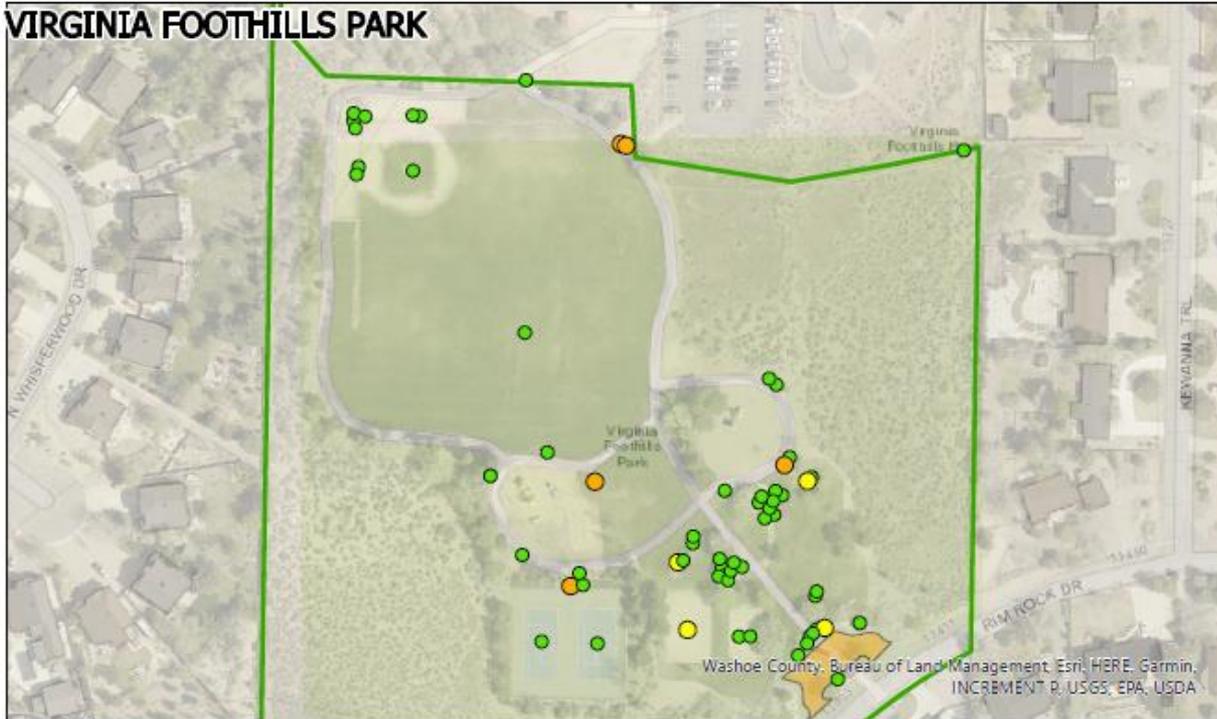




Asset Management Process



VIRGINIA FOOTHILLS PARK



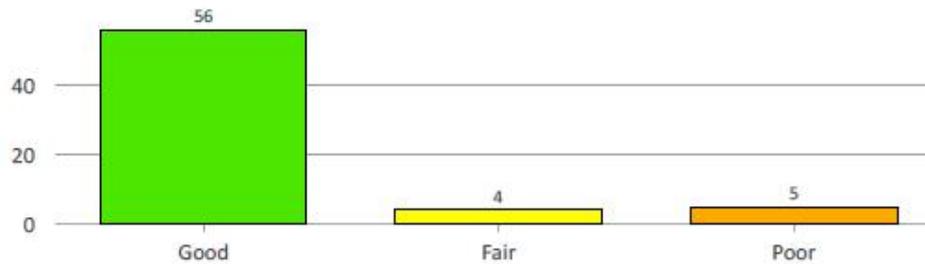
Asset Condition

- Failed
- Poor
- Fair
- Good
- Excellent

Pavement Condition Index (PCI)

- 86 - 100 Good
- 71 - 85 Satisfactory
- 56 - 70 Fair
- 41 - 55 Poor
- 26 - 40 Very Poor
- 11 - 25 Serious
- 0 - 10 Failed

Condition Break Down





Park : HIDDEN VALLEY REGIONAL PARK

Facil_Type : Picnic Table

Description : cemented in

Inspection Date : 5/12/2020 5:52:03 PM

Condition : Failed – Unserviceable, needs replacement

Est. Labor Hours : 5

Est. Parts Cost : 1870

Est. Total Cost : 2294.1

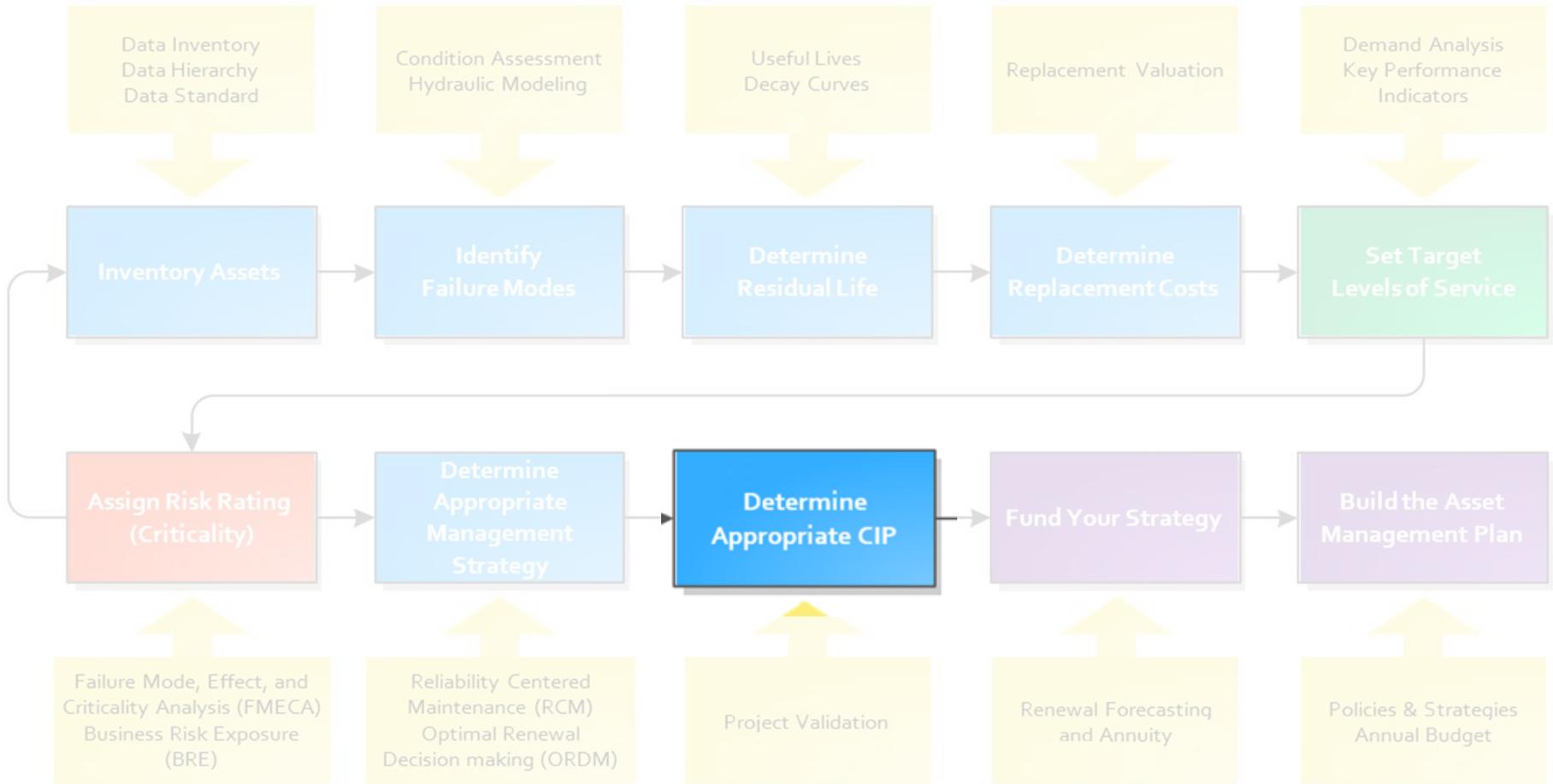
Inspection Note:
concrete seat failed





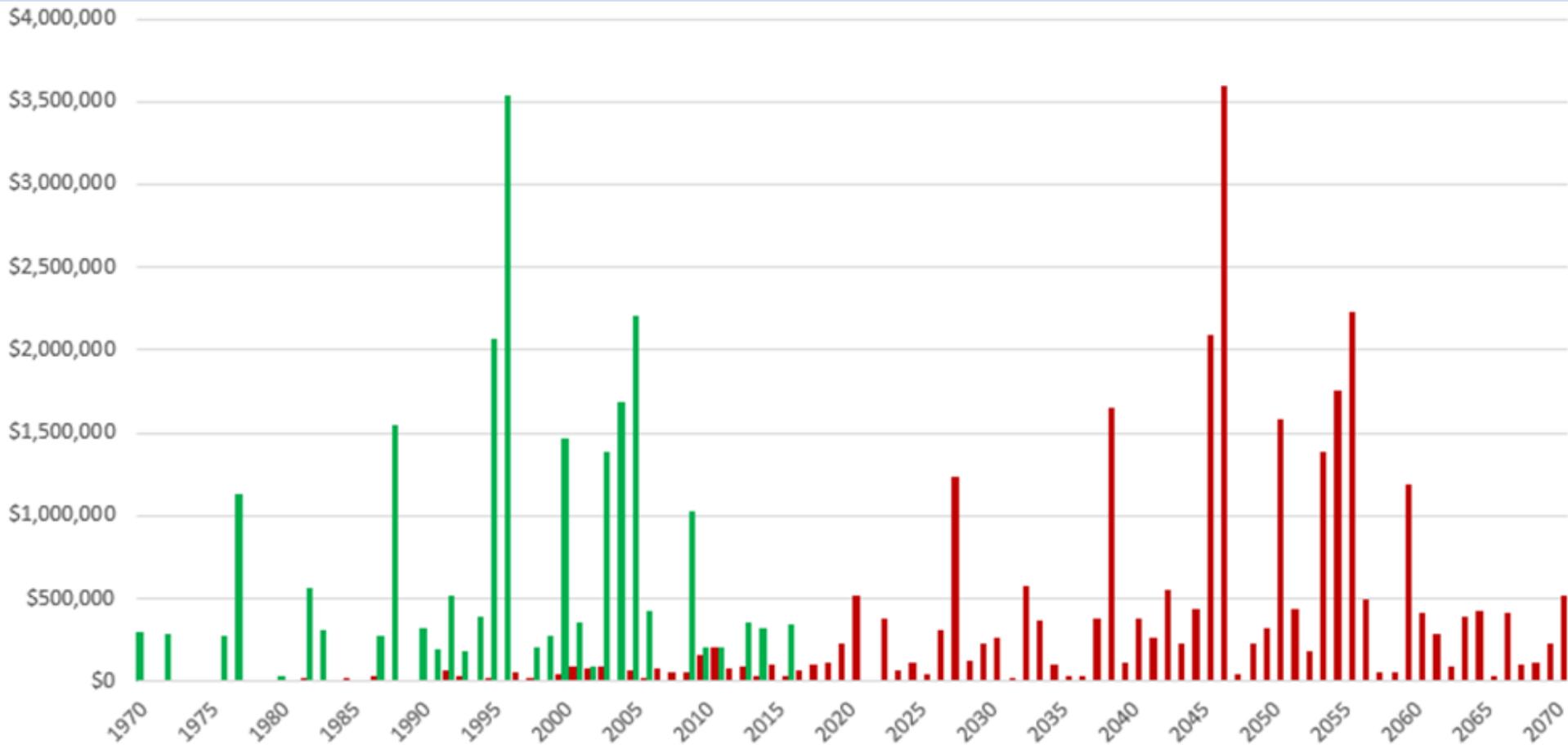


Asset Management Process



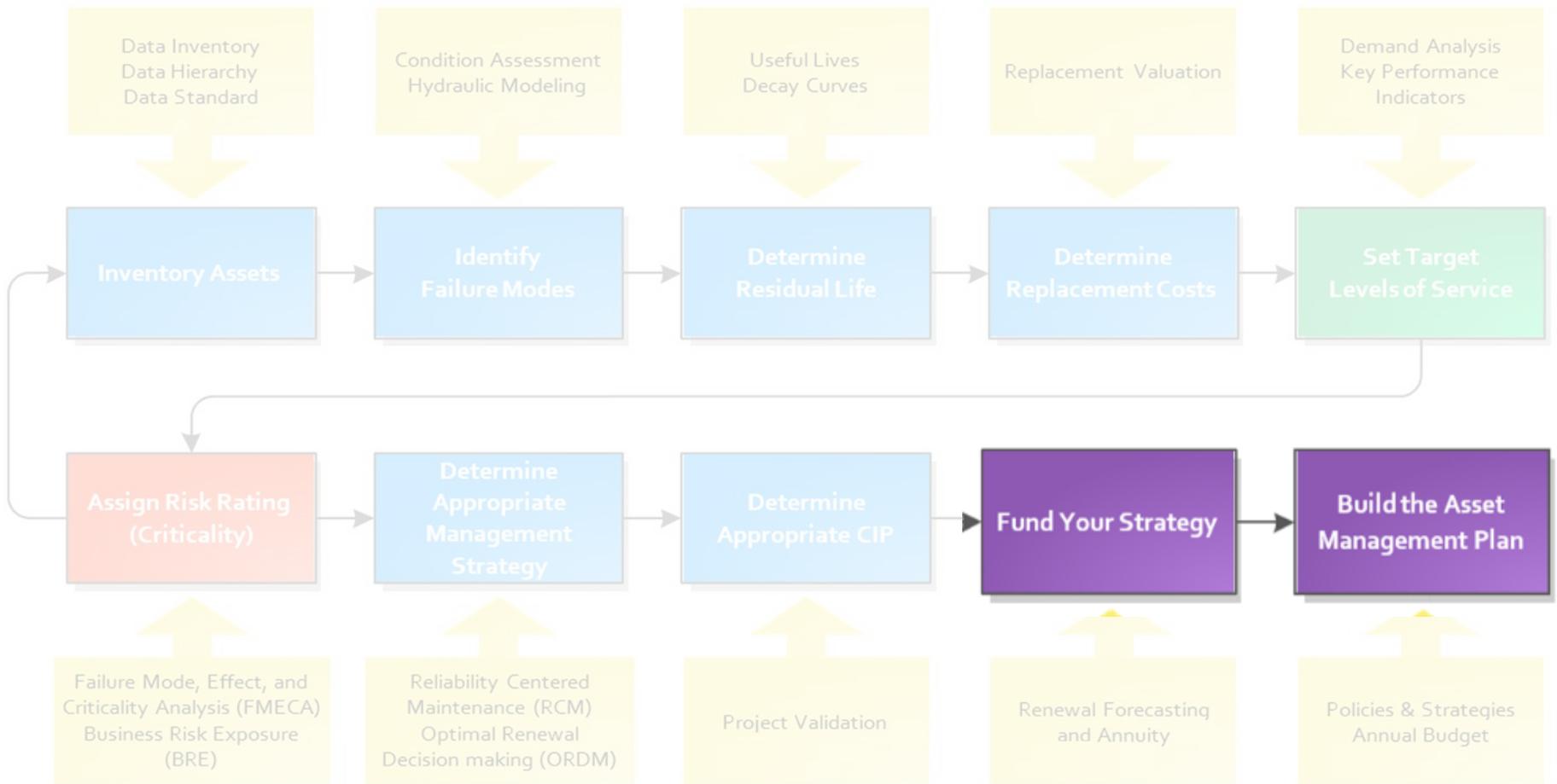


Pavement Future Funding





Asset Management Process





Pavement Lifecycle Cost (LCC)

Year	Maintenance Treatment	Inflation Adjusted Cost ¹
0	Initial Construction	\$9.00
4	Micro Seal	\$0.25
14	Cape Seal	\$1.06
24	Cape Seal	\$1.90
34	Cape Seal	\$3.41
	Total Lifecycle Cost	\$15.62
	Net Present Value ²	\$12.11

Year	Maintenance Treatment	Inflation Adjusted Cost ¹
50	Full Reconstruct	\$165.78
	Net Present Value ²	\$37.82



Questions?

