

Measure Z - Pavement Management Program & Street Funding – Supplemental Appropriation

Public Works Department

City Council
November 16, 2021

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BACKGROUND

Item	Year	Action
1	2013	City Council approved \$38 million in Bond Funds to repave failing roads. The City has an annual debt obligation of \$3 million through 2033.
2	2017	IMS completed a pavement condition assessment of 875.4 centerline City miles to conclude a Pavement Condition Index (PCI) Score of 61 for the City as a whole.
3	2017	Measure Z - \$2.8 Million Base was allocated for Pavement Management Program
4	2019	Measure Z - \$1.5 Million increase was added through FY 2022-23
5	2019	Measure Z - \$3.5 Million Supplemental was approved. City Council directed staff to provide annual reports and request annual supplemental appropriations through FY 2022-23
6	2021	City Council approved a 5-year Plan to resurvey all City Streets and Alleys to update the City's PCI Score in order to reprioritize streets and needs
7	2023	Per Finance Dept., Public Works may refinance the loan to secure a better interest rate to lower the annual debt obligation or pay off the obligation sooner.

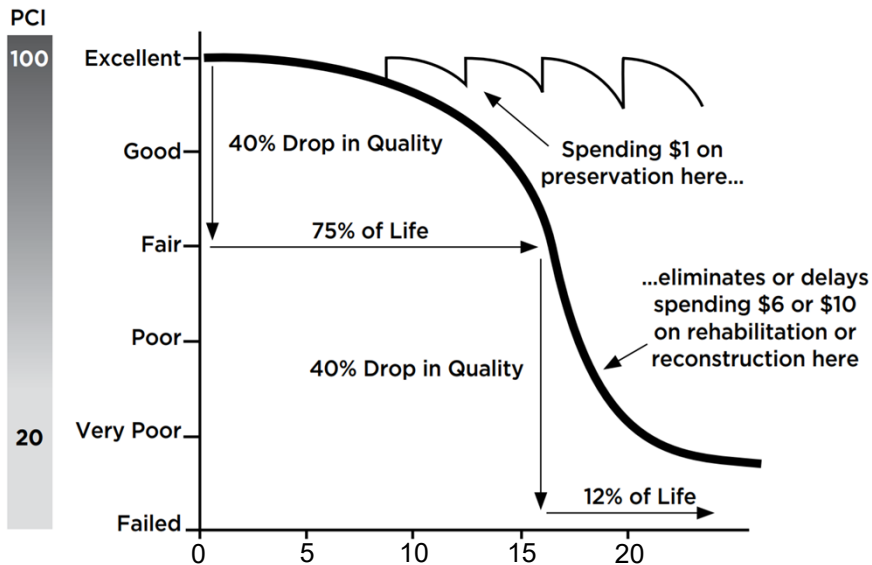
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PAVEMENT DEGRADATION CURVE



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ROADWAY NETWORK

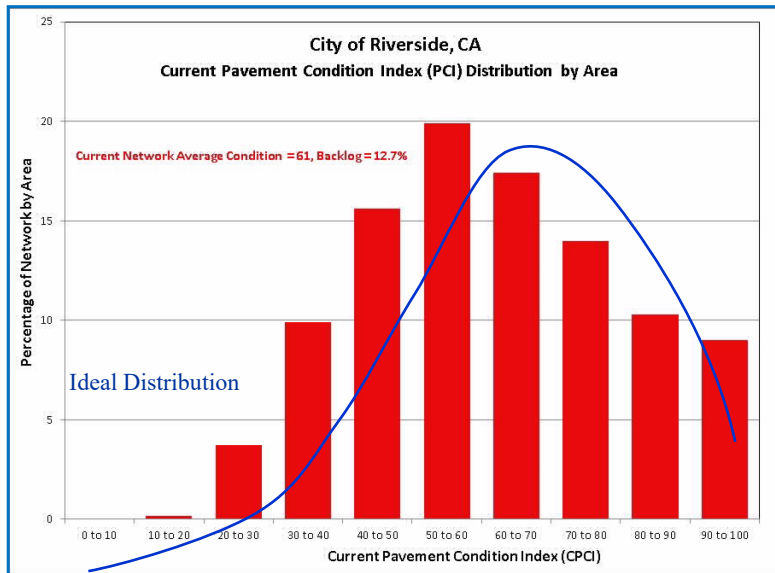
1. Pavement Condition Index (PCI) score for the City's network is 61 (Newly paved street has a PCI of 100)
2. 12.7% of roads have a rating of "Poor" or "Very Poor" and correlate to a PCI score of 0-40.

Key Metrics	Average Levels	Riverside Results	Fontana Results	Yucaipa Results	Colton Results	Temecula Results
Pavement Condition Index (PCI)	60-65	61	73	64	64	66
Excellent Roads	>15%	13.2%	23.6%	19.7%	10.6%	18.3%
Required Road Reconstruction (Backlog)	<10%	12.7%	6.8%	12.0%	8.1%	8.4%



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CITY NETWORK PCI RESULTS



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5-YEAR FUNDING ANALYSIS

Annual Budget (Million)	PCI	Roads Rated as "Poor" and "Very Poor" (%)
13.5	57	26.7
15.0	57	24.4
18.5	58	22.9
24.0	61	18.8
30.0	63	15.2
34.5	65	12.7



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BUDGET COMPARISON

Fund Source	FY 2019-20 (million)	FY 2021-22 (million)
Measure A	\$2.4	\$2.0
Gas Tax	\$2.8	\$2.8
SB1 Gas Tax	\$5.4	\$6.4
CDBG Allocation	\$2.6	\$1.2
Measure Z – Base 5 Yr Spending Plan	\$2.8	\$2.8
Measure Z – FY 22/23 Increase	\$1.5	\$1.5
Measure Z – Annual Appropriation	\$3.5	\$3.5
Subtotal	\$21.0	\$19.2

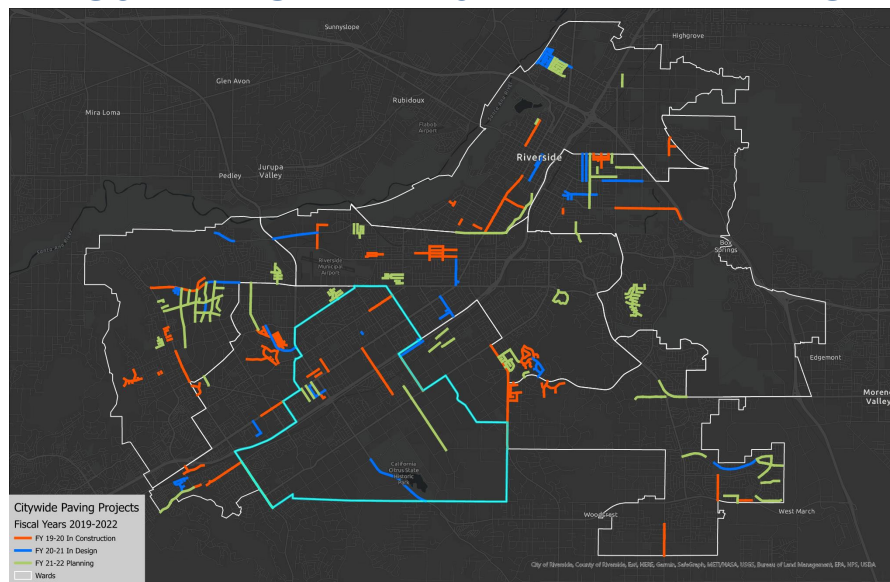


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CURRENT CITYWIDE STREET MAINTENANCE



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DATA COLLECTION



Figure 5 – Laser Road Surface Tester (Laser RST)

2021 Reassessing the Roadway Network, 5-year program. Reviewing approx. 175 miles per year to prioritize streets and needs

PCI Range	Description
85 – 100	Excellent
70 – 85	Very Good
60 – 70	Good
40 – 60	Fair to Marginal
25 – 40	Poor
0 – 25	Very Poor



FISCAL YEAR 2021/22 SUMMARY

Arterial Streets: 4.3 Miles

- ❖ **Olivewood Ave** - Prospect Ave to Jurupa Ave (PCI 46)
- ❖ **Jurupa Ave** - Olivewood Ave to Palm Ave (PCI 47)
- ❖ **Alessadro Blvd WB**- Mission Grove PW to Comm CE (PCI 60)
- ❖ **La Sierra Ave** – Indiana Ave to Cleveland Ave (PCI 54)
- ❖ **Indiana Ave** – Pierce St to West City Limits (PCI 45)



FISCAL YEAR 2021/22 SUMMARY

Collector Streets: 3.2 Miles

- ❖ **Linden Ave** - Chicago Ave to Iowa Ave (PCI 29)
- ❖ **Kansas Ave** - MLK Blvd to Third St (PCI 50)
- ❖ **Ransom Rd** - Shaker Dr to Claridge Dr (PCI 34)
- ❖ **Grove Community** - Trautwein Rd to Worcester Ln (PCI 56)
- ❖ **Rutland Ave** - Wells Ave to Arlington Ave (PCI 33)



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FISCAL YEAR 2021/22 SUMMARY

Local Streets and Alleys: 20.0 Miles

- ❖ **19 Residential Neighborhoods**
- ❖ **Alley W/O Cedar St*** - 12th St to 11th St (Ward 1)
- ❖ **Alley W/O Dwight St** – Loma Vista St to Linden St (Ward 2)
- ❖ **Alley W/O Roosevelt St*** – Primrose Dr to Magnolia Ave (Ward 5)



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CITY'S STRATEGIC PRIORITIES

- Strategic Priority No. 6 Infrastructure, Mobility and Connectivity and Goal No. 6.2 – Maintain, protect, and improve assets and infrastructure within the City's built environment to ensure and enhance reliability, resiliency, sustainability, and facilitate connectivity.
- This item aligns with each thread for Community Trust, Equity, Fiscal Responsibility, Innovation, and Sustainability & Resiliency



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RECOMMENDATION

That the City Council:

1. With at least five affirmative votes, approve a supplemental appropriation of \$3,500,000 from Measure Z funds for the Pavement Management Program in Fiscal Year 2021-22 and authorize the CFO, or his designee, to record an interfund transfer from the Measure Z fund to the Measure Z Capital Fund, Pavement Rehab/Pedestrian Facilities Improvement Project.



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