

Street Maintenance and Rehabilitation in Twenty First Century

Presentation to District 8 Coalition

July 23, 2009

Department of Municipal Development
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Current ¼ Cent Program

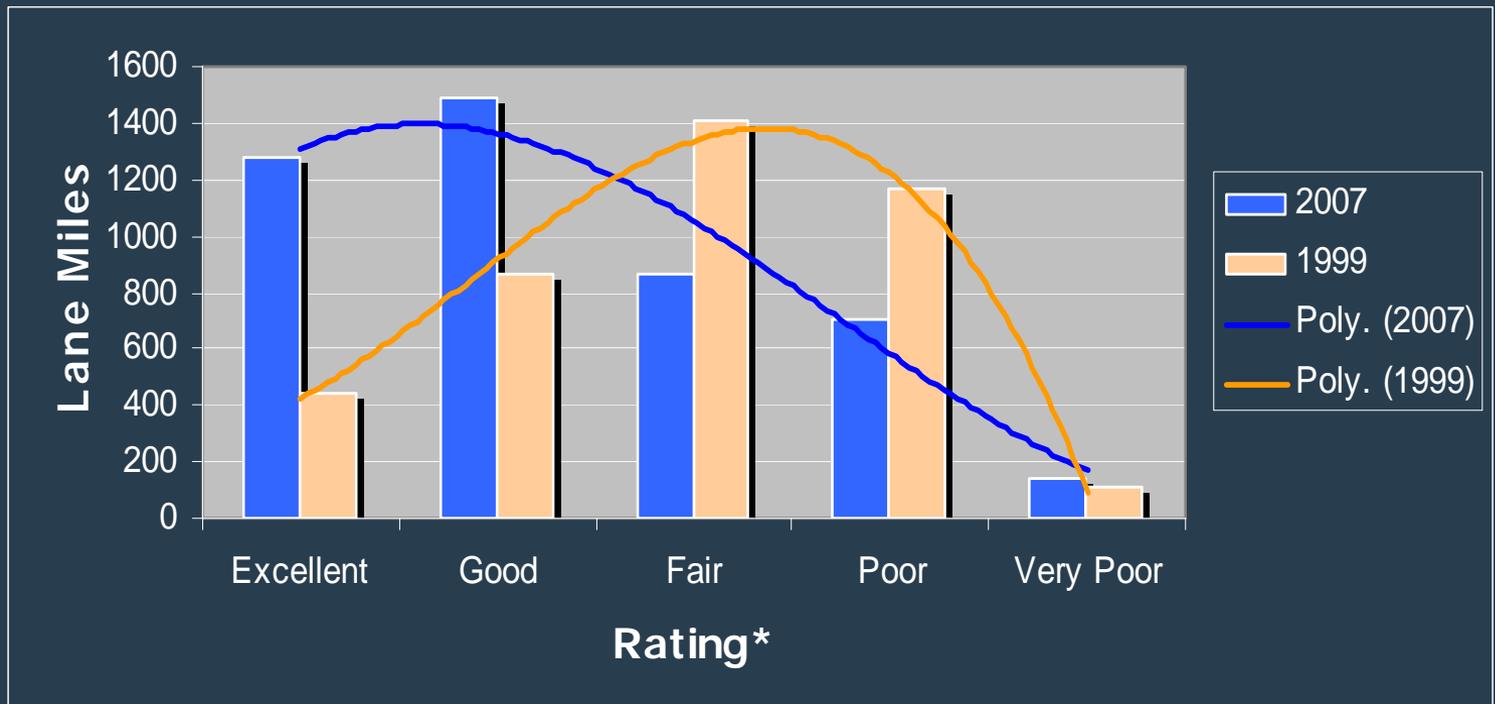
What was PROMISED

- Maintenance / Rehabilitation
 - Implement \$13 million per year to extend and improve our roadway pavement
- New Construction (Missing Links / Deficiencies)
 - Implement \$10 million per year on new construction of missing / deficient links in the roadway network
- Trails
 - Implement \$1 million per year on new construction of missing / deficient links in the bikeway trail network

Current ¼ Cent Program What was DELIVERED

– Maintenance / Rehabilitation

- City has maintained / rehabilitated over 2500 lane miles of City streets
- Result is a monumental improvement in the pavement rating



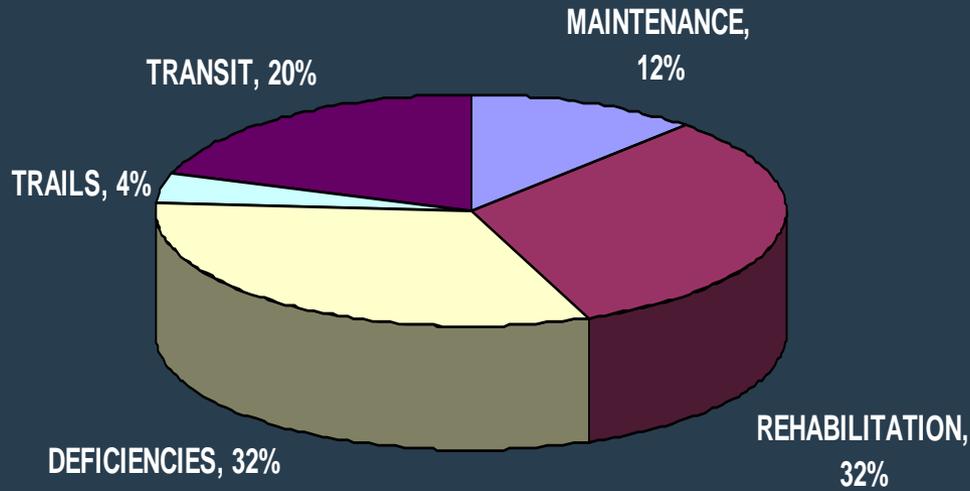
* Based on Surface Defect Index

Current ¼ Cent Program What was DELIVERED (cont.)

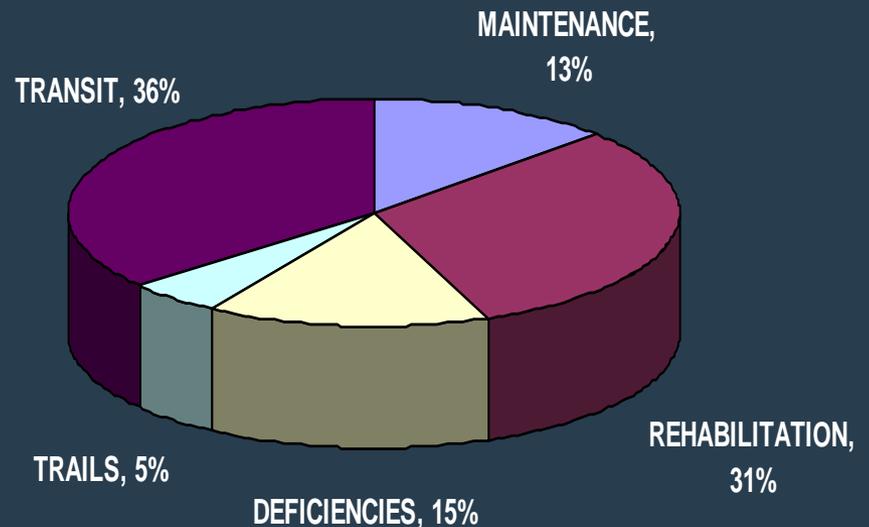
- New Construction (Missing Links / Deficiencies)
 - City has added over 80 miles of capacity to the roadway network (handout illustrates projects)
- Trails / sidewalks
 - City has constructed over 23 miles of trails and rehabilitated an additional 8 miles
 - City has constructed over 46 miles of sidewalks and rehabilitated an additional 143 miles

THE PROGRAM IS
VERY SUCCESSFUL !!!!

Proposed ¼ Cent Program What can be ACCOMPLISHED



1999



2010

Proposed ¼ Cent Program What can be ACCOMPLISHED

– Maintenance / Rehabilitation

- Improve approximately 2150 lane miles of roadways
- Maintain current level of pavement rating
- Protect current value of roadway system (\$1.7 Billion)

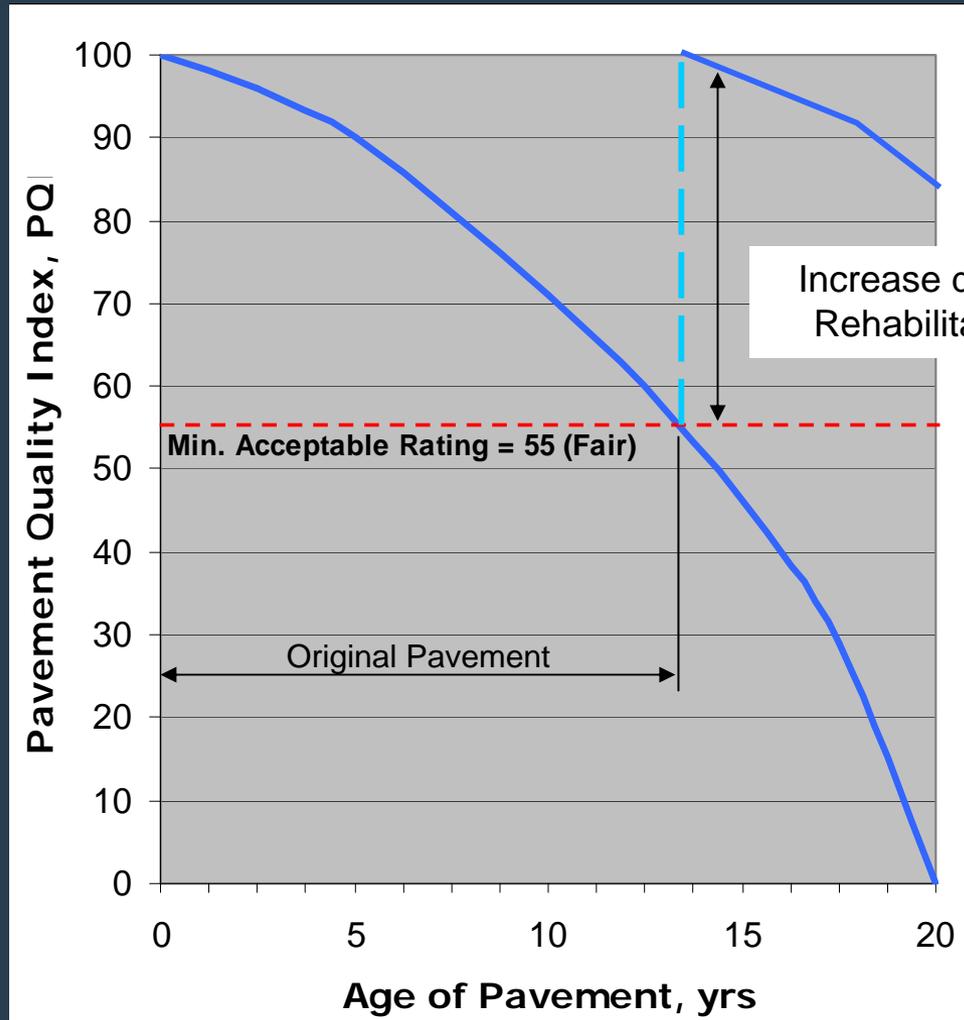
– New Construction (Missing Links / Deficiencies)

- City could construct approximately 70 miles of additional capacity to the roadway network.

– Trails / sidewalks

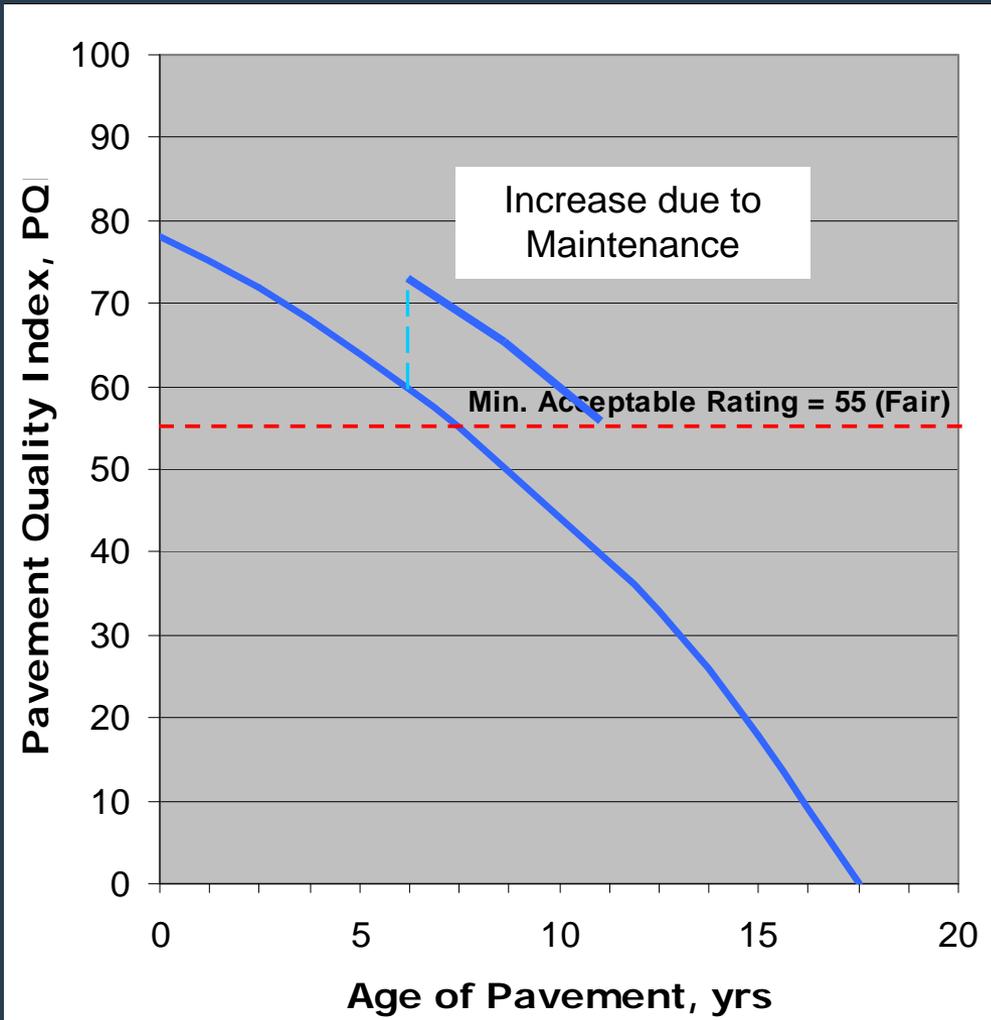
- City could construct or rehabilitate 10 additional miles each year.

Pavement Maintenance Plan



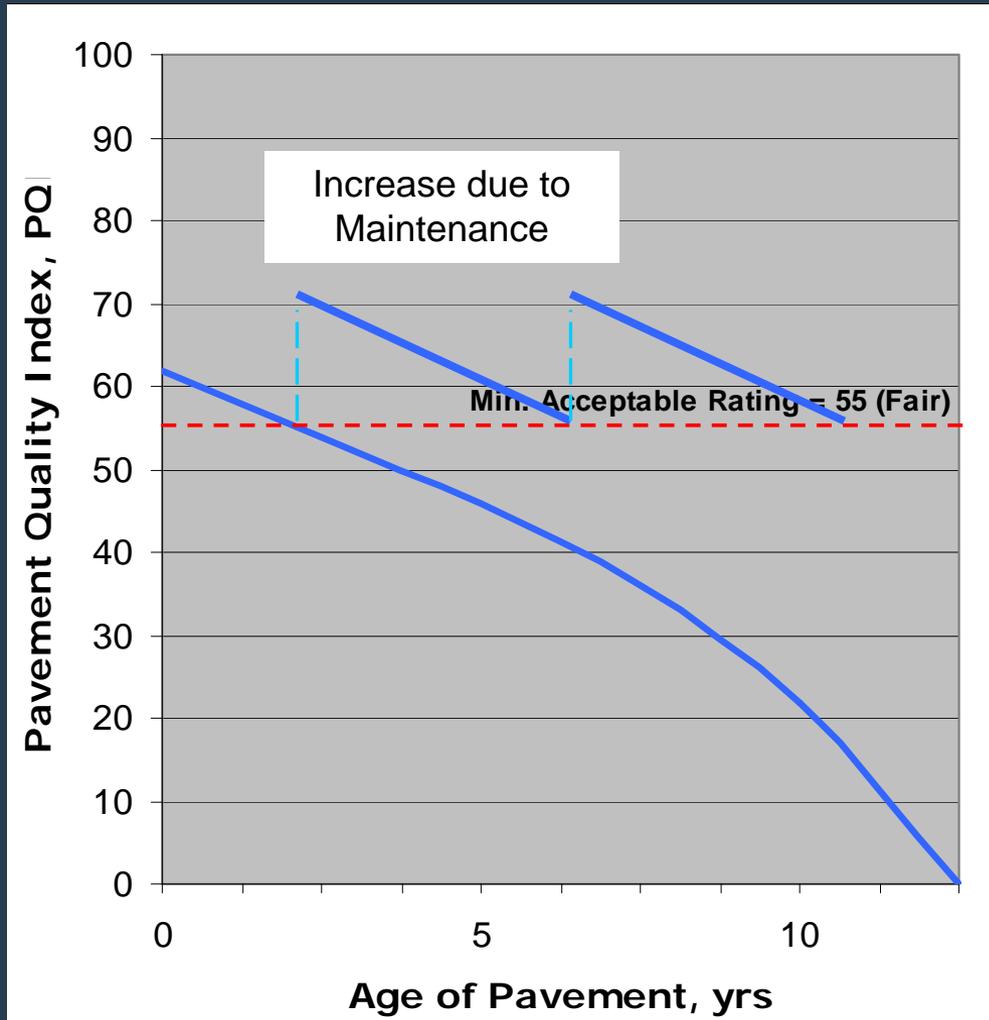
New or "Excellent" rated roads should need minimum maintenance over next 10 years (1709 out of 4900 lane miles)

Pavement Maintenance Plan



Roads with a current rating of "good" will need a micro seal in approximately six years (1484 out of 4900 lane miles)

Pavement Maintenance Plan



Roads with a current rating of "fair" will need a micro seal or a rehabilitation in approximately two and/or six years (870 out of 4900 lane miles)

All roadways currently rated "poor" or "very poor" will need a rehabilitation in the next two to three years (839 out of 4900 lane miles)

Pavement Maintenance Plan

Summary

New and "excellent" rated roadways = 1709 lane miles with little to no maintenance need

"Good" rated roadways = 1484 lane miles with 1 maintenance cycle needed **\$8.5 Million**

"Fair" rated roadways = 870 lane miles with 2 maintenance cycles or 1 rehabilitation cycle needed **\$42.5 Million**

"Poor" and "Very Poor" rated roadways = 839 lane miles with 1 rehabilitation cycle needed **\$142.5 Million**

Total Maintenance need \$193 Million

Remaining Funding from Current Program

Funding

Existing project funding remaining

- \$15.0 M in existing projects
 - Unser, Osuna, Paving Rehabilitation, etc.
- \$1.7 M in Council Projects
 - Funding reauthorized from Gibson in 2006

Additional Revenue

- Projected revenue in 1999 was \$25-\$30 million
- Actual revenue was \$27-\$37 million
- \$54 million in additional revenue received by City
 - Has been appropriated recently by City Council including \$20 million for Paseo del Norte / I-25 Interchange
- Additional revenue appropriated for maintenance will provide 1 year gap funding from the end of current ¼ cent program to the beginning of the proposed new program

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A nighttime photograph of a cityscape. In the foreground, a river flows through a dark, wooded area. The middle ground shows a city with numerous lights, including a prominent white building. In the background, a large mountain range is illuminated with a warm, orange glow. A full moon is visible in the dark sky above the mountains.

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Thank You