Street Maintenance and Rehabilitation in Twenty First Century

Presentation to District 8 Coalition

July 23, 2009

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Current 1/4 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 1/4 Cent Program What was <u>DELIVERED</u>

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





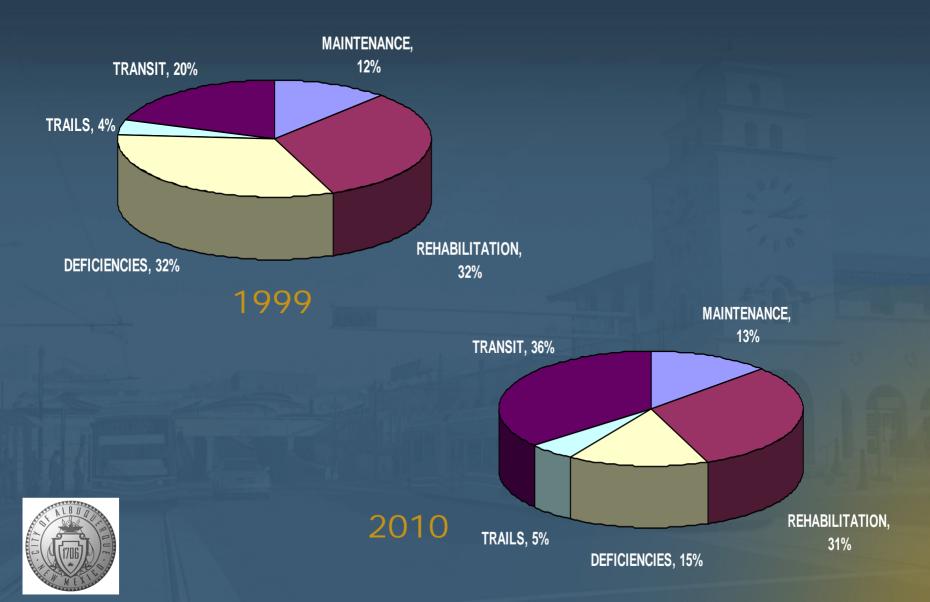
Current ¹/₄ Cent Program What was <u>DELIVERED</u> (cont.)

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



THE PROGRAM IS VERY SUCCESSFUL !!!!

Proposed ¹/₄ Cent Program What can be <u>ACCOMPLISHED</u>

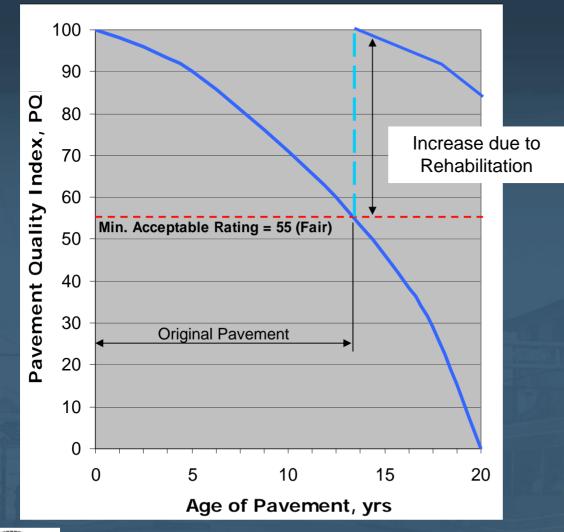


Proposed 1/4 Cent Program What can be <u>ACCOMPLISHED</u>

- Maintenance / Rehabilitation
 - Improve approximately <u>2150 lane miles</u> 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 <u>70 miles</u> of additional capacity to the roadway network.
- Trails / sidewalks
 - City could construct or rehabilitate <u>10 additional miles</u> each year.



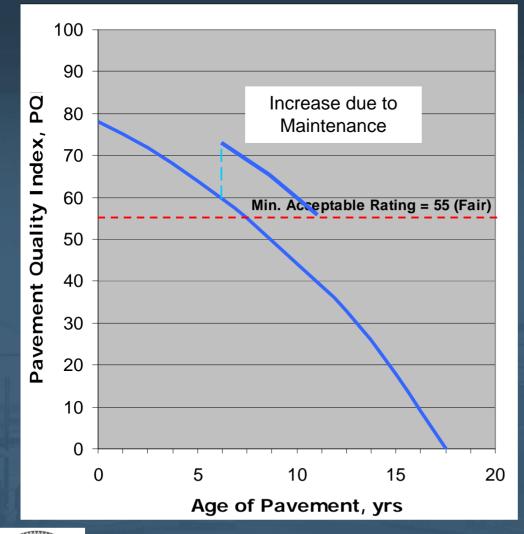
Pavement Maintenance Plan



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



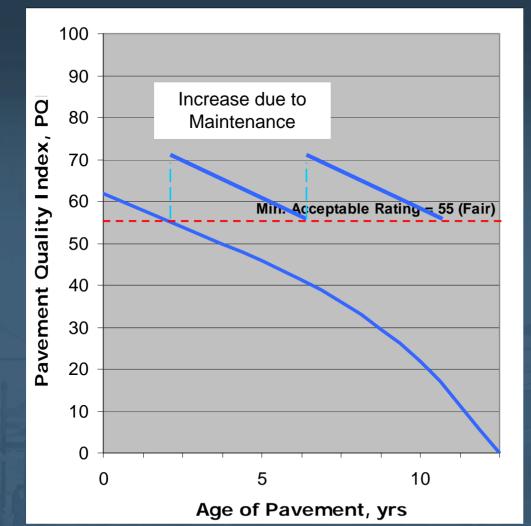
Pavement Maintenance Plan



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 Iane miles with 1 rehabilitation cycle needed \$142.5 Million



Total Maintenance need <u>\$193 Million</u>

Remaining Funding from Current Program

<u>Funding</u>

- 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
 - \$42 appropriated recently by City Council
 - Remaining is proposed to be appropriated this year
- Additional revenue will provide 1 year gap funding until new program begins and cover the reduction of GO Bond Program



Street Maintenance And **Rehabilitation in** Twenty first century



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Thank You

