



TOWN OF
QUEEN CREEK
ARIZONA

Pavement Maintenance Plan Fiscal Year 2013 Work Program

May 2, 2012

Jan Martin
Streets Superintendent
Public Works Division





Pavement Maintenance Plan

- Fiscal Year 2013 work program includes:
 - Work recommended in adopted 5-Year Pavement Management Plan 2009-2014
 - All projects deferred from previous years
 - Work identified through the annual ADOT bridge inspection report
 - Purchase of heavy equipment



Pavement Maintenance Plan

Funding outlook

- Funds required for FY 2013 PMP \$2,160,424
- Projected HURF Revenues \$1,337,232
- Possible carry-forward funds \$100,000
- Program shortfall for FY 2013 \$723,192

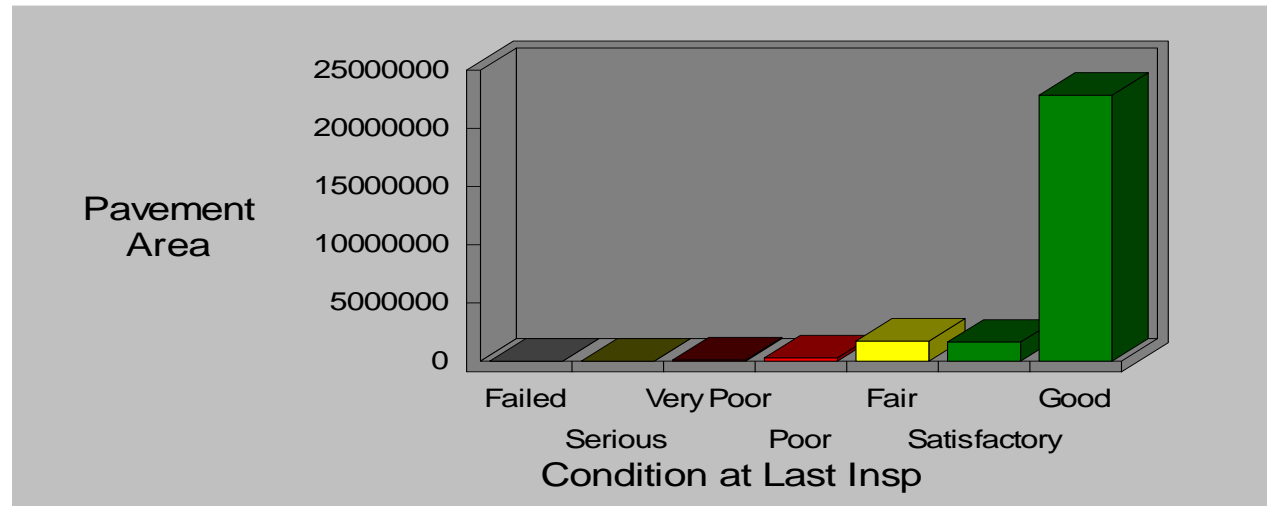


Pavement Maintenance Plan

Criteria for selecting projects

- Pavements receive the right treatment at the right time
- Priority is given to early preventive maintenance in order to receive greatest payback over time
- Opportunities to partner with another agency or work with developer in the same area
- When possible, do larger quantities instead of small jobs to receive better unit cost
- Objective is to keep good pavements in good condition and keep deteriorating pavements serviceable and safe until they can be overlaid or reconstructed

Current Pavement Conditions



- Overall pavement condition index = 86
- 86% of pavement in good or better condition



Pavement Maintenance Plan

FY 2013 work plan will include:


- Residential Slurry Seal- \$816,000
 - Circle G, part of Villages, Roman Estates, QC Ranchettes, Will Rogers, San Marqui, San Tan Vistas Ranch, Groves, Rancho Hacienda, Arroyo, Pegasus Parkway
- Rejuvenator- \$175,000
 - Victoria Lane, Victoria, Maya Rd, Heritage Loop, Villages II, 17 and 18, Barnes Pkwy, 220th St, 209th Way, Power Business Park
- Microseal- \$95,000
 - Newer road showing signs of aggregate raveling, need to apply treatment to stabilize surface



Pavement Maintenance Plan

FY 2013 work plan continued

- Chip Seal- \$108,000
 - San Tan Ranches
- Purchase of Heavy Equipment- \$90,000
 - Crack seal melter, crack router, steel drum roller
- Other Miscellaneous Maintenance- \$145,000
 - Bridge repairs, concrete sidewalk repairs, small mill and fills



Summary of 2012-13 Workplan

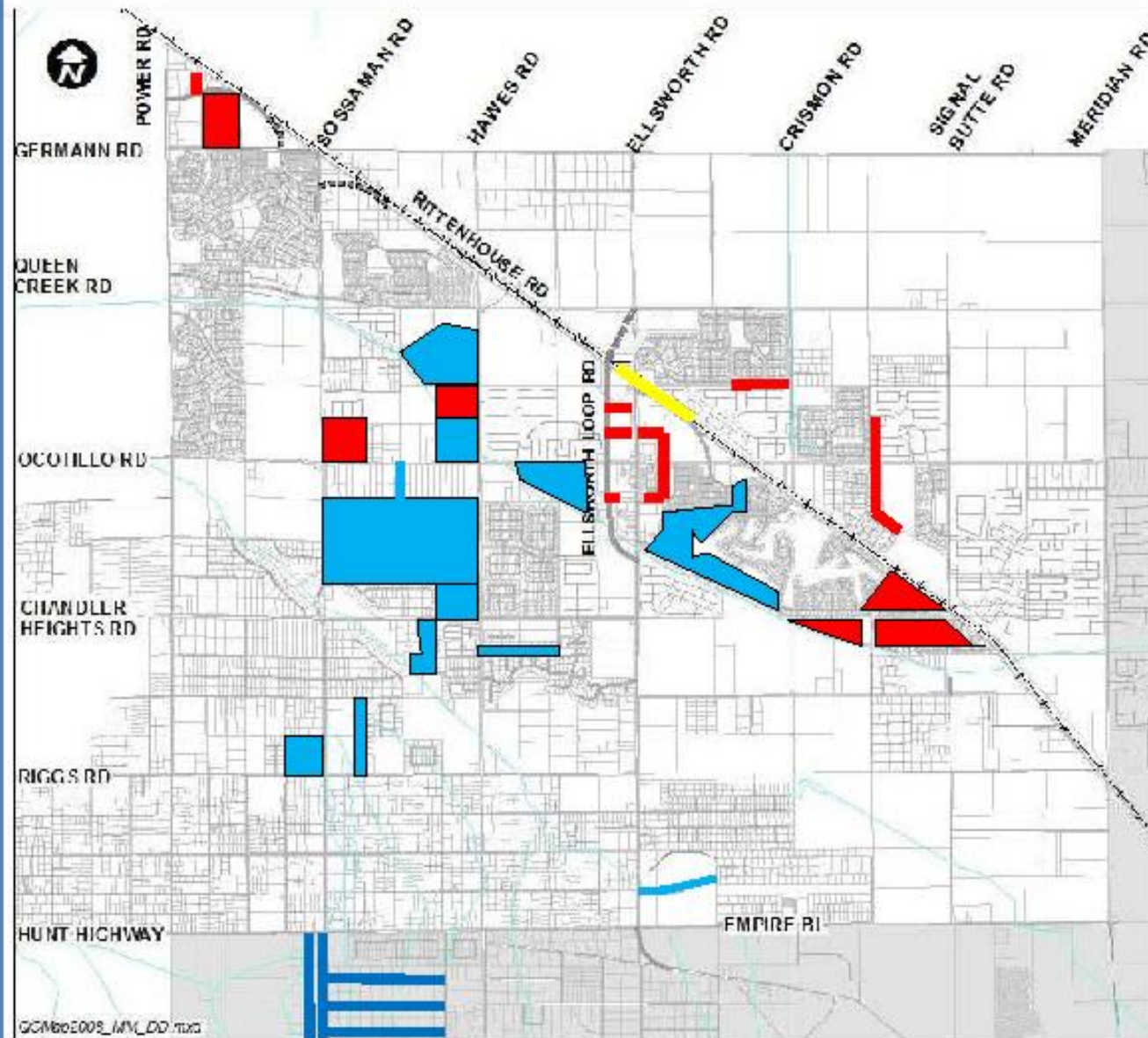
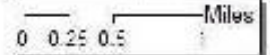
Slurry Seal	320,139 SY	\$816,000
Chip Seal	36,080 SY	\$108,000
Rejuvenator	174,609 SY	\$175,000
Microseal	27,271 SY	\$ 95,000
Equipment Purchase		\$ 90,000
Other Misc. Maint.		<u>\$145,000</u>

Total \$1,429,000

Approval will be part of the budget process when
final numbers are received from the State



Town of Queen Creek



Slurry Seal Residential



Rejuvenator

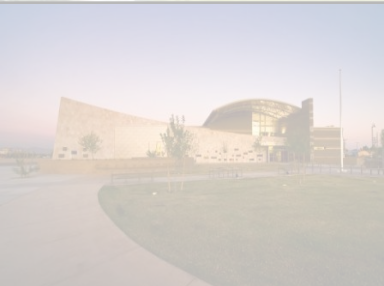


Microseal



Chip Seal





Questions/Comments