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TOWN OF CROMWELL  
COMBINED SPECIAL MEETING  
TOWN COUNCIL & BOARD OF FINANCE  
WEDNESDAY FEBRUARY 10, 2016  
6:30 PM TOWN HALL ROOM 224/5

Gloria Brendergast, Asst.  
TOWN CLERK

MINUTES

Town Council Members present: Mayor E. Faienza, Deputy Mayor R. Newton, Councilors F. Emanuele, A. Waters, T. Tokarz, E. Widders, S. Slade

Board of Finance Members present: Chairman J. Henahan, J. Corlis, A. Spotts, J. Neto(arrived at 6:44), A. Drew (arrived at 6:47)

Also Present: Town Manager A. Salvatore, Director of Public Works L. Spina, Director of Finance M. Sylvester, Public and Press

**A. CALL TO ORDER**

Mayor Faienza called the joint meeting of the Town Council and Board of Finance Meeting to order at 6:30 p.m.

**B. NEW BUSINESS**

1. Pavement Management Report Presentation.

a. Discussion and action if necessary.

Public Works Director L. Spina introduced representatives from VHB, the Company that prepared the Pavement Management Road Resurvey.

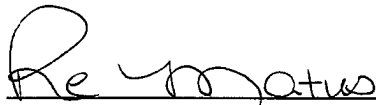
A power point presentation was given and a short question and answer period followed. A copy of the Power Point presentation is attached.

**C. ADJOURN**

**Motion** made by A. Waters seconded by J. Henahan and *unanimously carried* to adjourn the meeting at 7:07.

Town Council and Board of Finance Joint Meeting adjourned at 7:07 p.m.

Respectfully submitted,



Re Matus

Secretary Town Council



February 10, 2016 | Town of Cromwell

## Pavement

## Management Study



# Presentation Overview

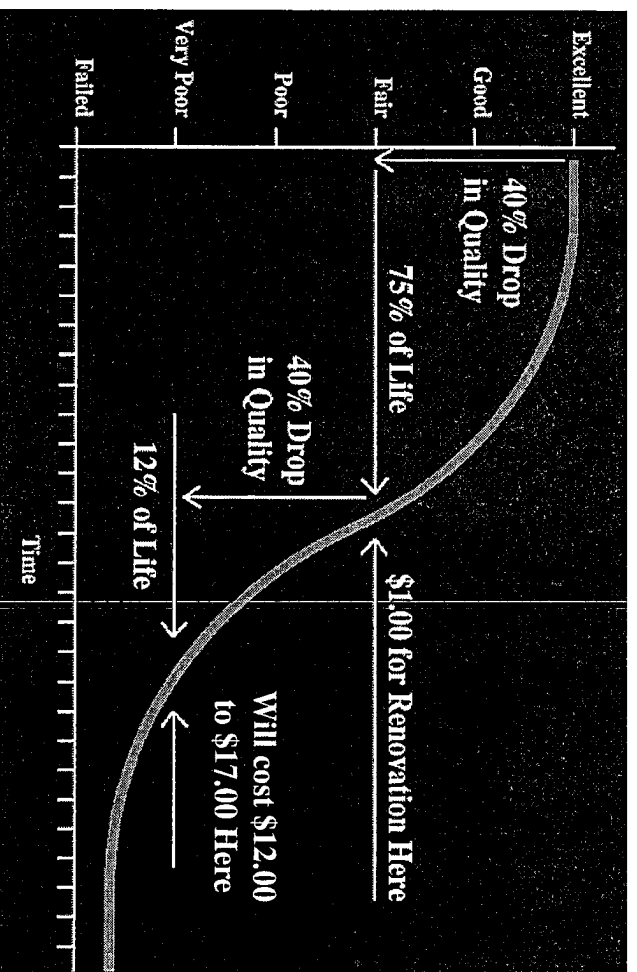
- **Pavement Management Background**
- **Pavement Management in Cromwell**
  - The Process
  - Current Conditions & Backlog
  - Budget Analysis
- **Conclusions**

# What is Pavement Management?

The practice of planning for pavement maintenance and rehabilitation with the goal of maximizing the value and life of a pavement network.

Otherwise known as:

**“Getting the Biggest Bang for Your Buck”**



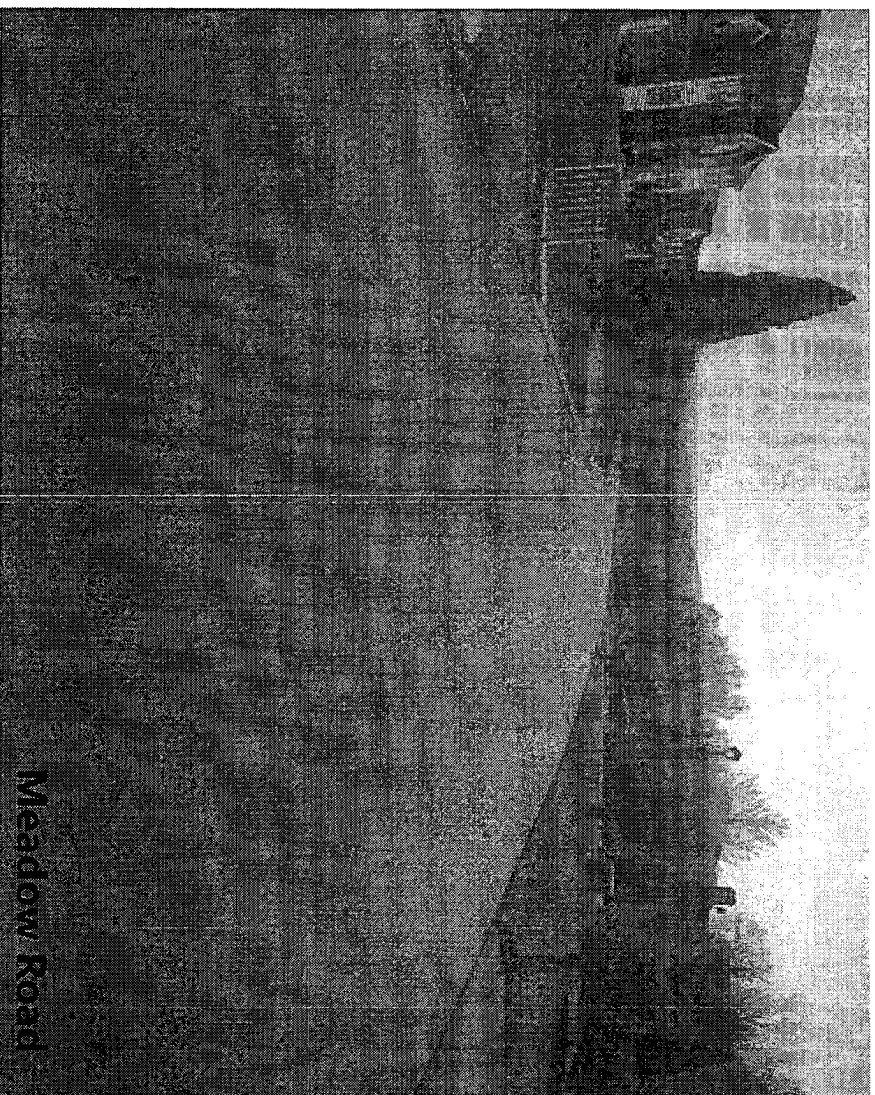
# The Process

- Pavement Section Inventory
- Visual pavement distress identification and quantification
- Pavement Condition Index (PCI) calculation on a 0 - 100 scale
- Define Repair Strategies and Costs
- Test various Budget Scenarios
- Develop list of candidate projects
- Apply engineering and local judgment to define annual road program

# Pavement Treatment Bands

*Do Nothing Condition (PCI 93-100)*

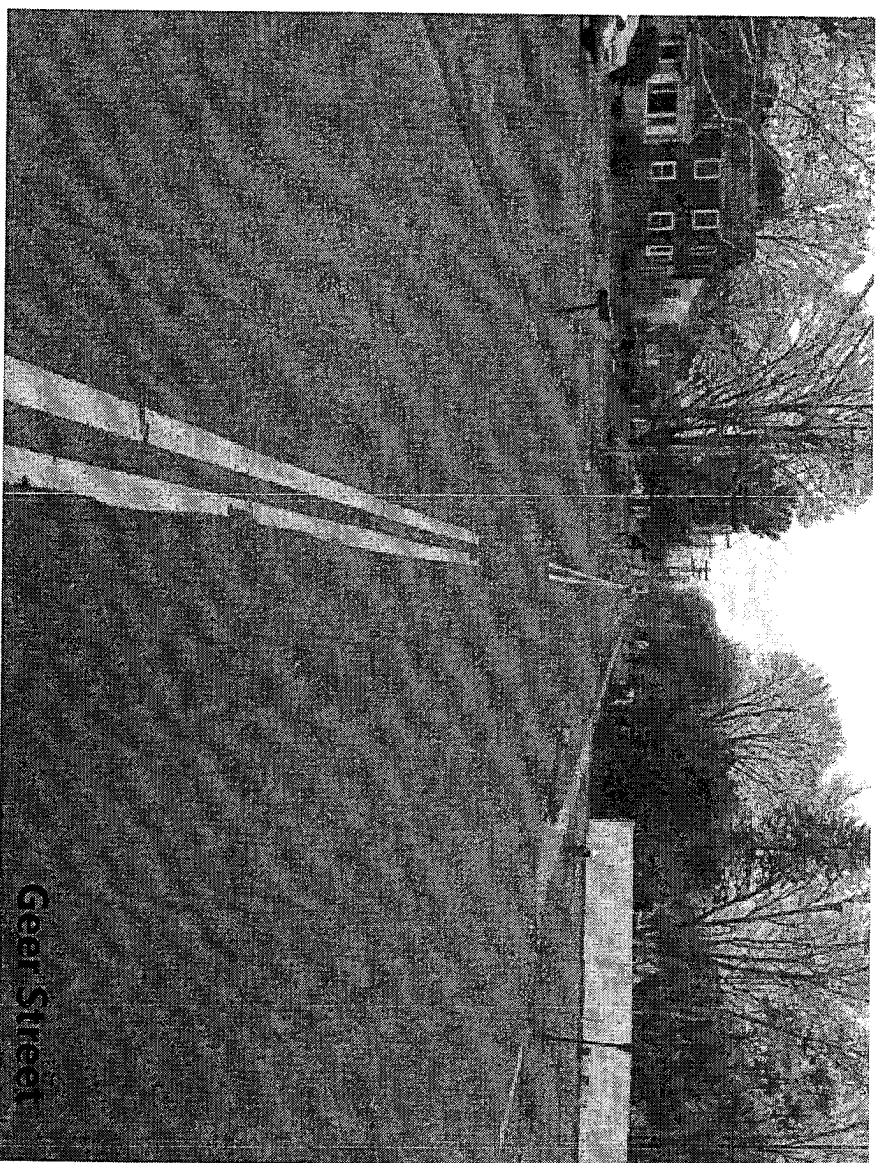
*PCI = 100*



# Pavement Treatment Bands

*Routine Maintenance Condition (PCI 86-92)*

$PCI = 88$



Gear Street

Treatment options -- Crack sealing,  
Patching

# Pavement Treatment Bands

*Pavement Preservation Condition (PCI 73-85)*



**Eastwood Road**

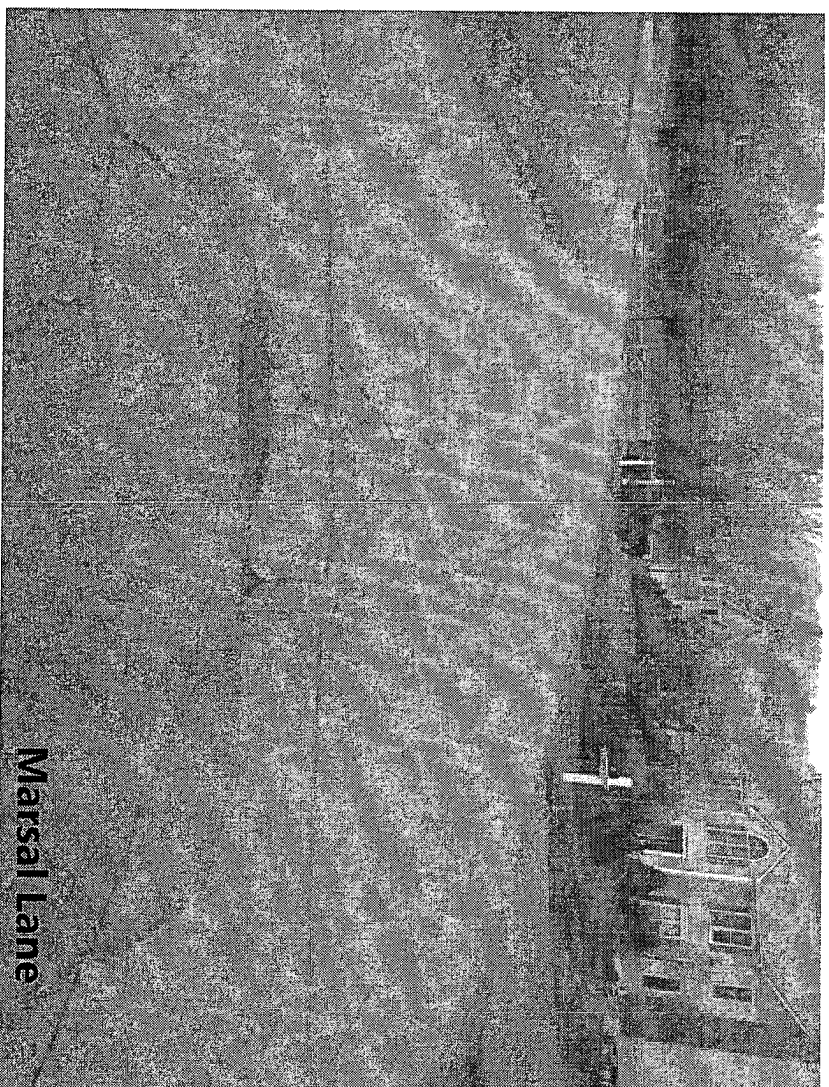
**Treatment options – Microsurfacing, Thin Bonded Overlay, Cape Seal**



# Pavement Treatment Bands

*Structural Improvement Condition (PCI 51-72)*

$PCI = 62$



Marsal Lane

Treatment options – Mill, Partial & Full  
Depth Patch, Level & Overlay

# Pavement Treatment Bands

*Base Rehabilitation Condition (PCI 0-50)*

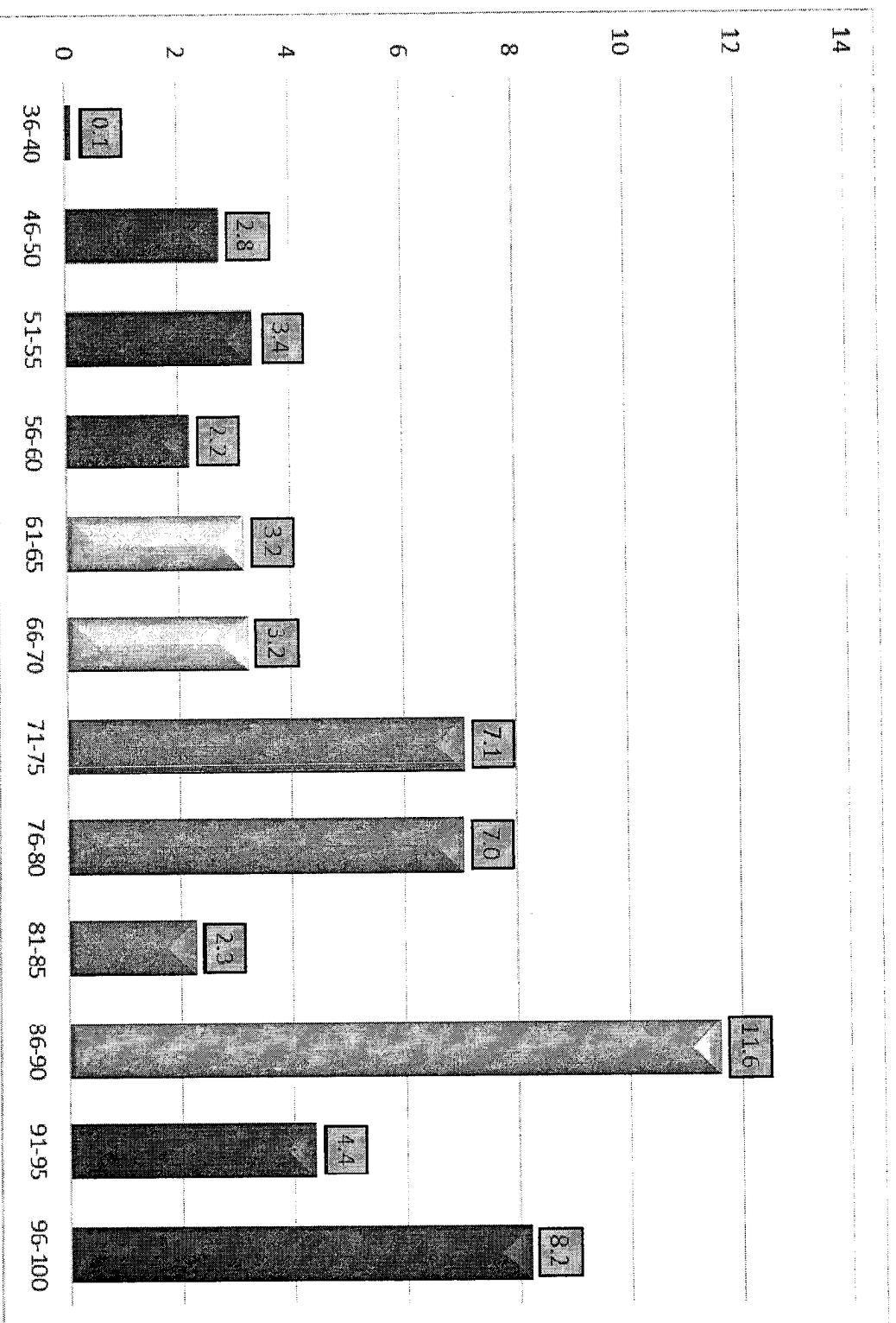
*PCI = 47*



Alexander Drive

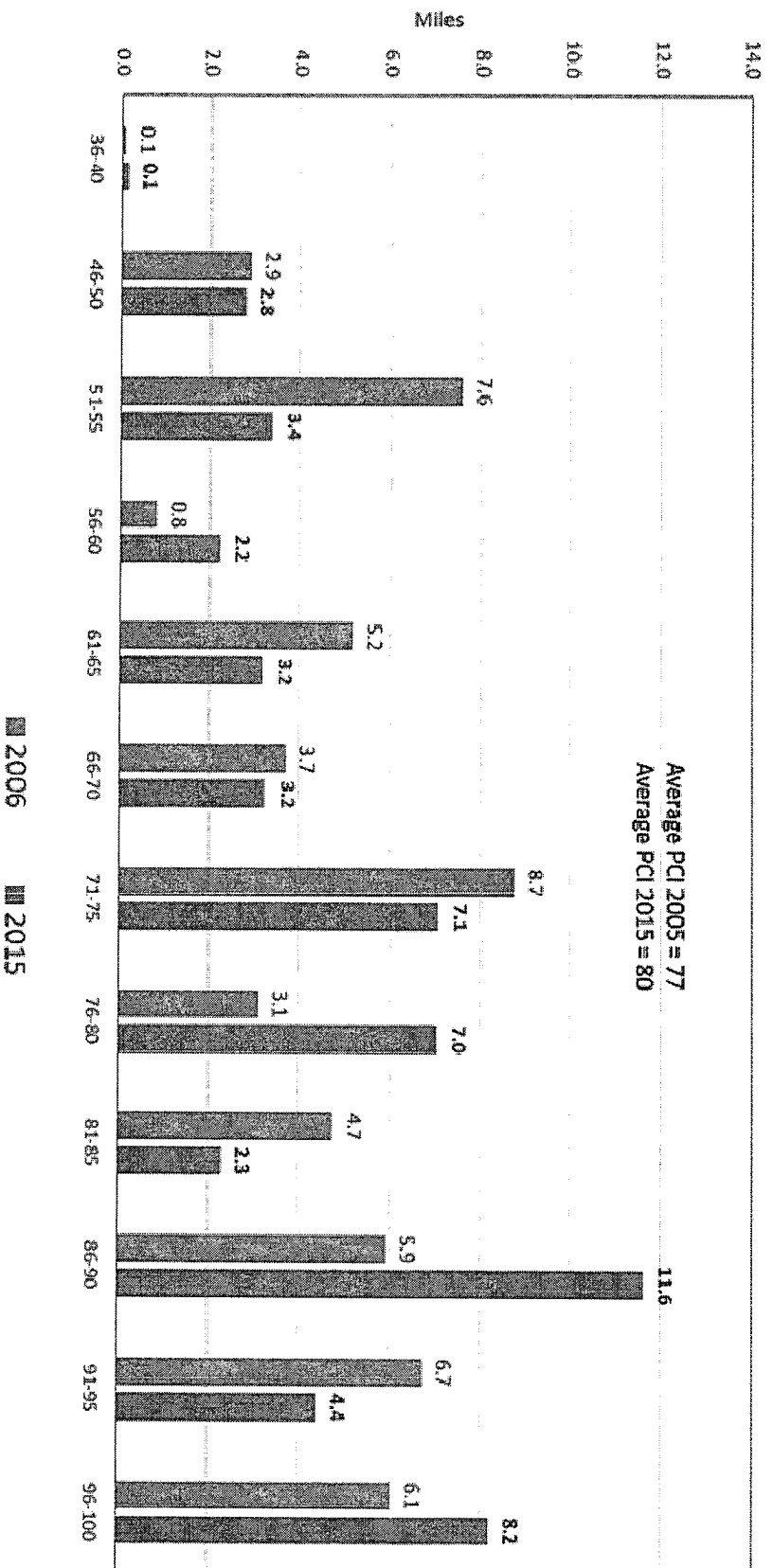
Treatment options – Reclamation and Reconstruction

# Current PCI Distribution

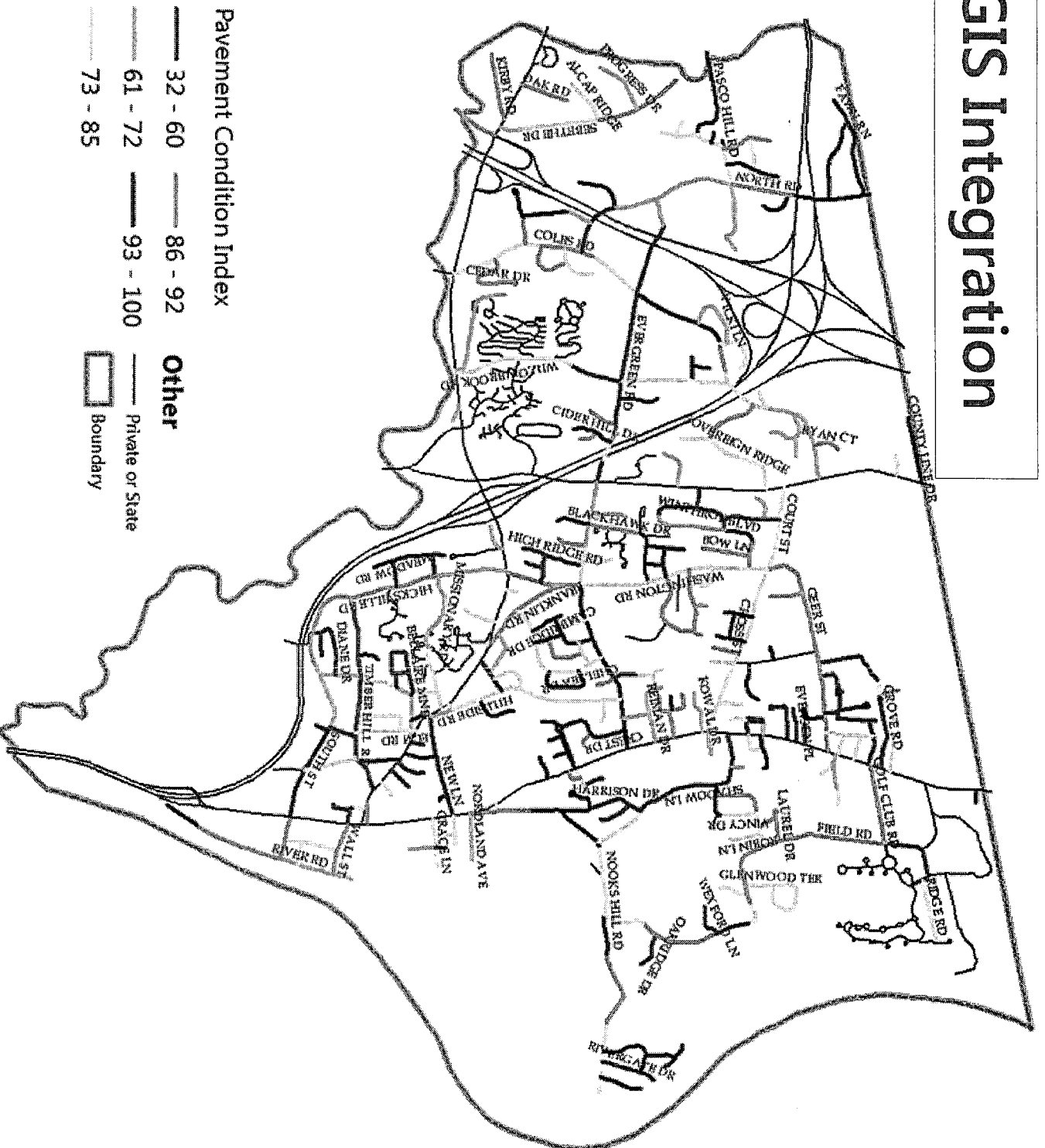


# Comparison of 2005 and 2015 PCI Distributions

PCI Distribution: 2005 vs 2015



# GIS Integration

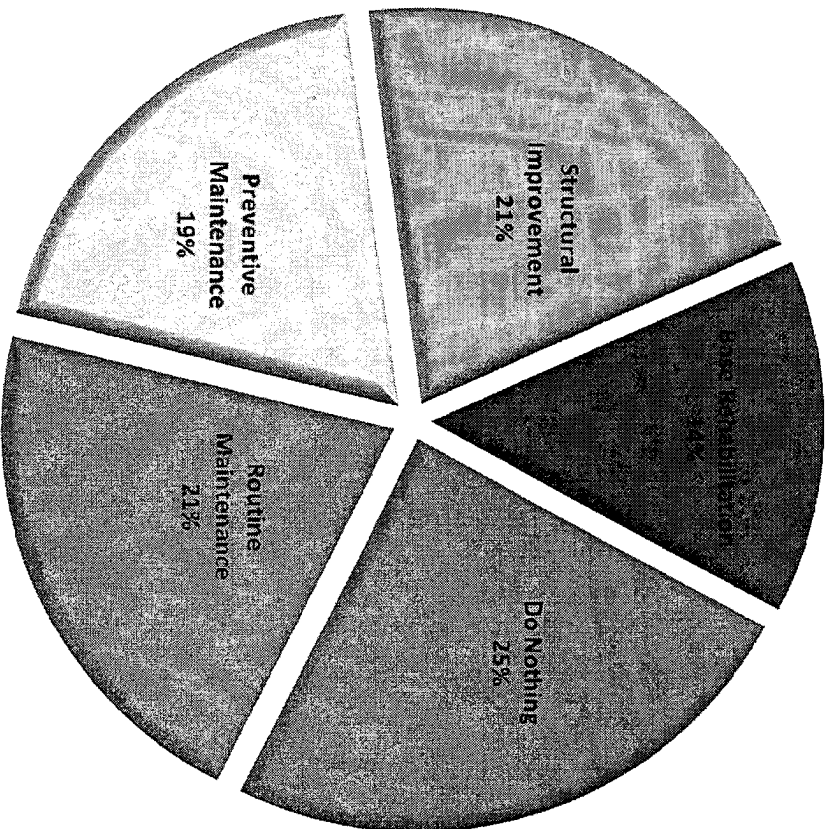


# Pavement Backlog Summary

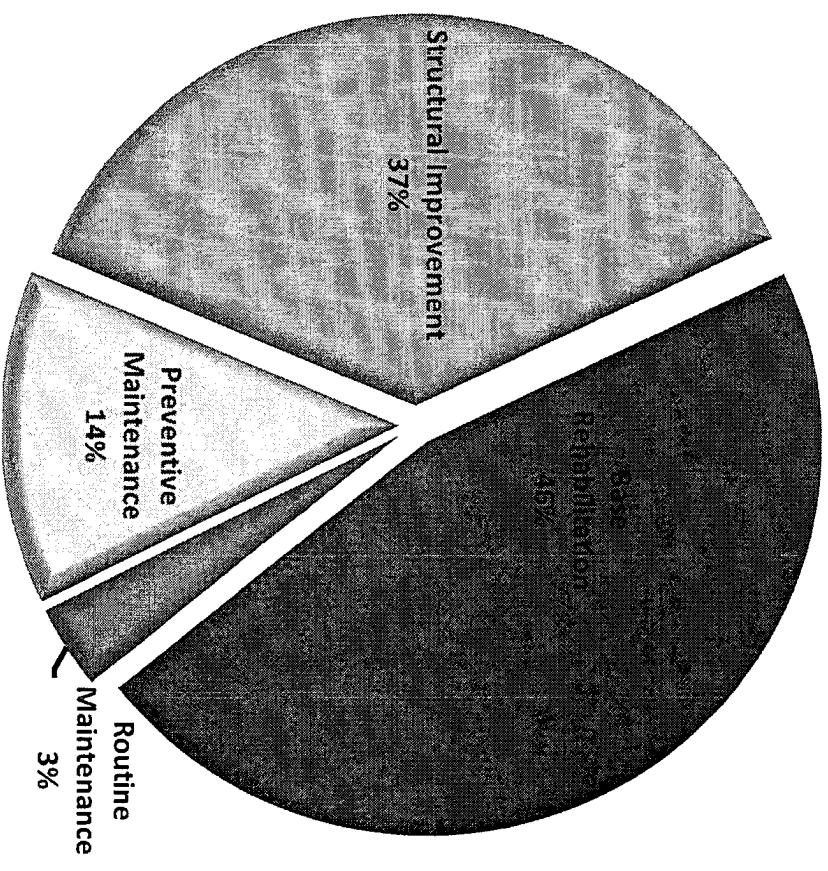
Treatment Band	Miles	Backlog Dollars
Do Nothing	14.6	-
Routine Maintenance	12.7	\$221,982
Preventive Maintenance	11.3	\$880,141
Structural Improvement	12.3	\$2,367,116
Base Rehabilitation	8.5	\$2,989,365
Grand Total	59.4	\$6,458,603

# Pavement Backlog Summary

## Miles



## Cost

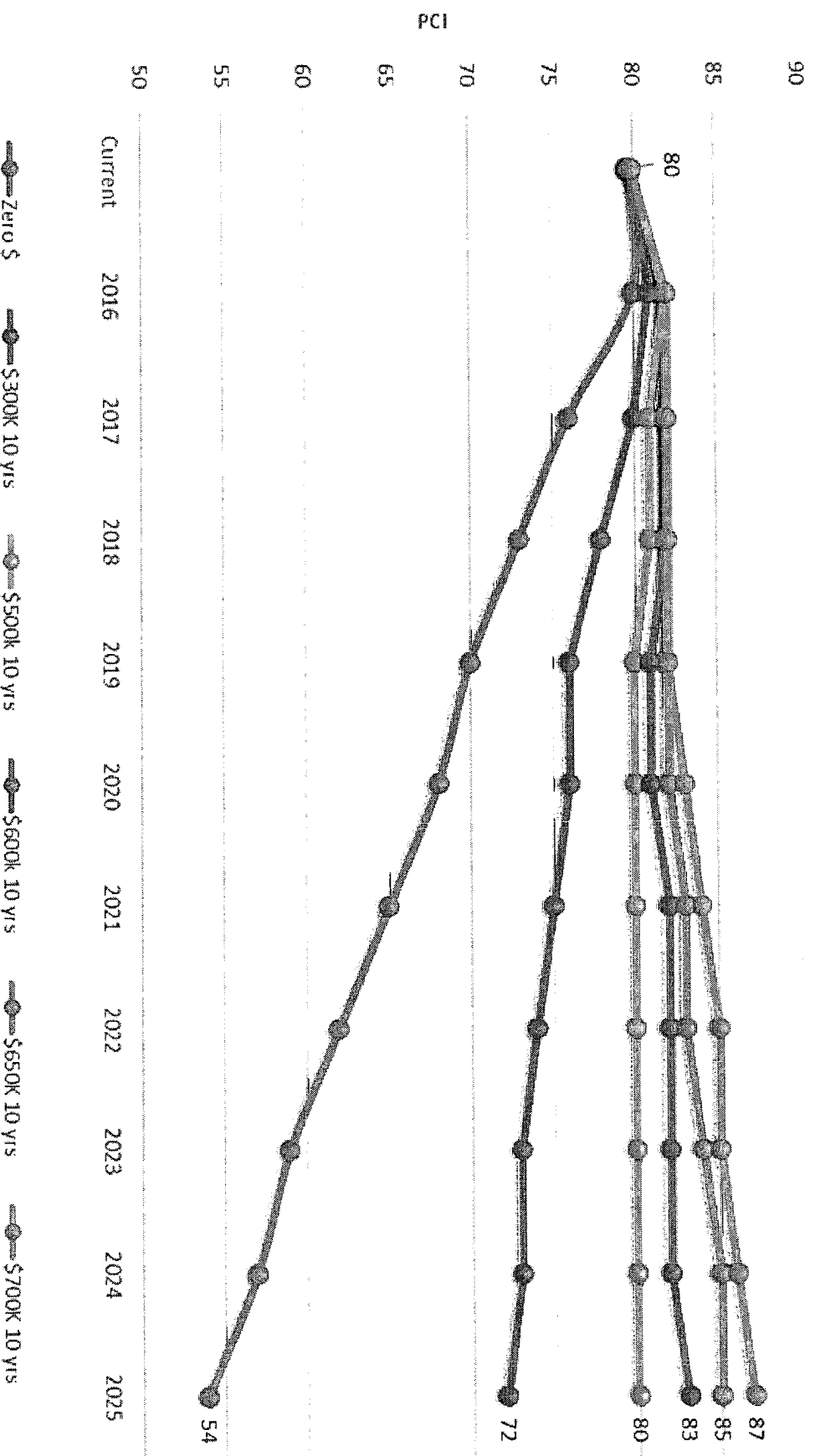


# Funding Scenarios

- \$0 per Year
- \$300k per Year
- \$500k per Year
- \$600k per Year
- \$650k per Year
- \$700k per Year



# Future Pavement Condition Projections



# Concluding Remarks

- With the investments that Cromwell has made in its road network over 10 years, the average PCI rating has increased from a 77 to an 80.
- The Town of Cromwell should invest an appropriate funding level to continue to meet the Town's overall pavement condition goal.
- To get the greatest value from the available funding, and to preserve the investment made over the past 10 years, the Town should include routine and preventative maintenance treatments in its annual road program.

# Questions & Answers?

February 10, 2016 | Town of Cromwell



## Questions & Answers?

