

2003 DATA COLLECTION



OVERVIEW

- Process
- Cost of Project
- Data/Results
- Next Steps

PROCESS

- Type of Survey: Visual, Windshield
- There are typically two other types of measuring condition:
 - Mechanical
 - Composite Index

PROCESS

- Pavement condition measured in one of 4 ways
 - Surface Distress
 - Structural Capacity
 - Roughness (Ride Quality)
 - Surface Friction or Skid Resistance

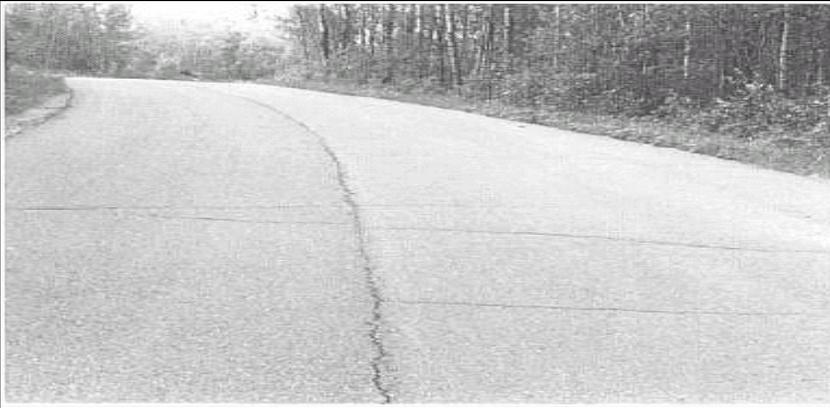
PROCESS

- PASER measures surface distress
 - TRIP Report
 - Remaining Service Life
- We are measuring something different
 - Routine Maintenance (8, 9, 10)
 - Capital Preventative Maintenance (5, 6, 7)
 - Structural Improvement (1, 2, 3, 4)

ROUTINE MAINTENANCE



PREVENTIVE MAINTENANCE



STRUCTURAL IMPROVEMENT



PROCESS

- Cooperative Effort
 - Number of Participants: Over 200
- Number of Miles Rated: Over 43,000
- Number of Miles Driven: Nearly 54,500
- Number of Crew Hours: Over 2,060

COST

- Budgeted: \$700,000
- Actual: \$508,500
- Cost/Mile: \$9.33

DATA/RESULTS

- Revised
- Some Double-Counting
 - Along county borders where the road was shown in both counties
 - Half a percent
- Rectified
- Reporting the data in lane miles: 93,908



Route Maintenance:
34,170 lane miles

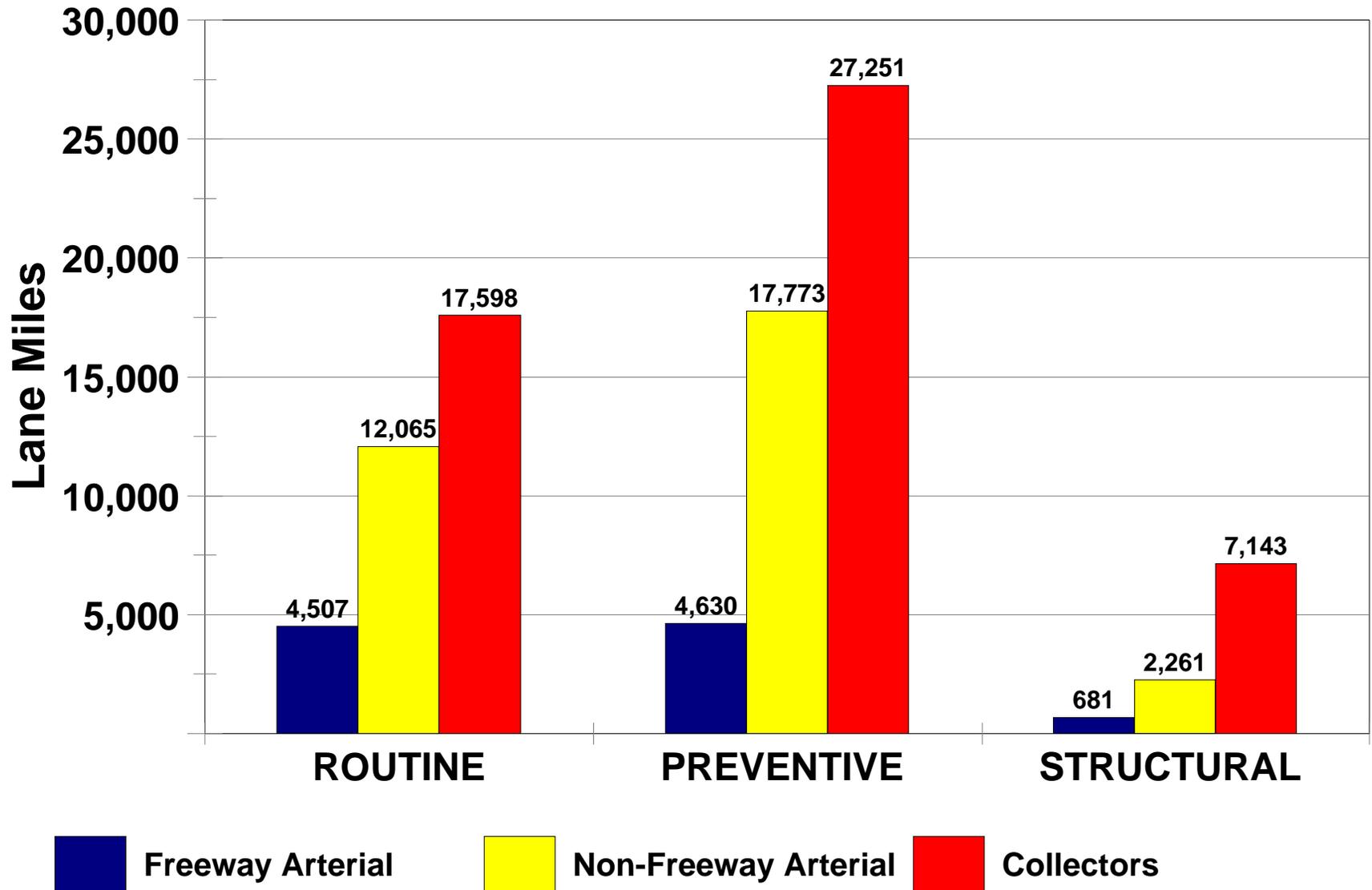
Capital Preventative Maintenance:
49,654 lane miles



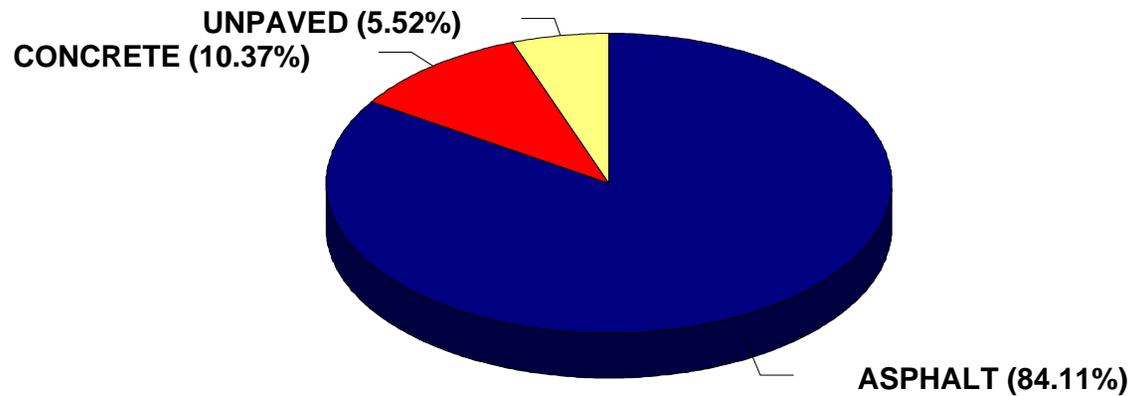
Structural Improvement:
10,085 lane miles

2003 CONDITION SURVEY RESULTS

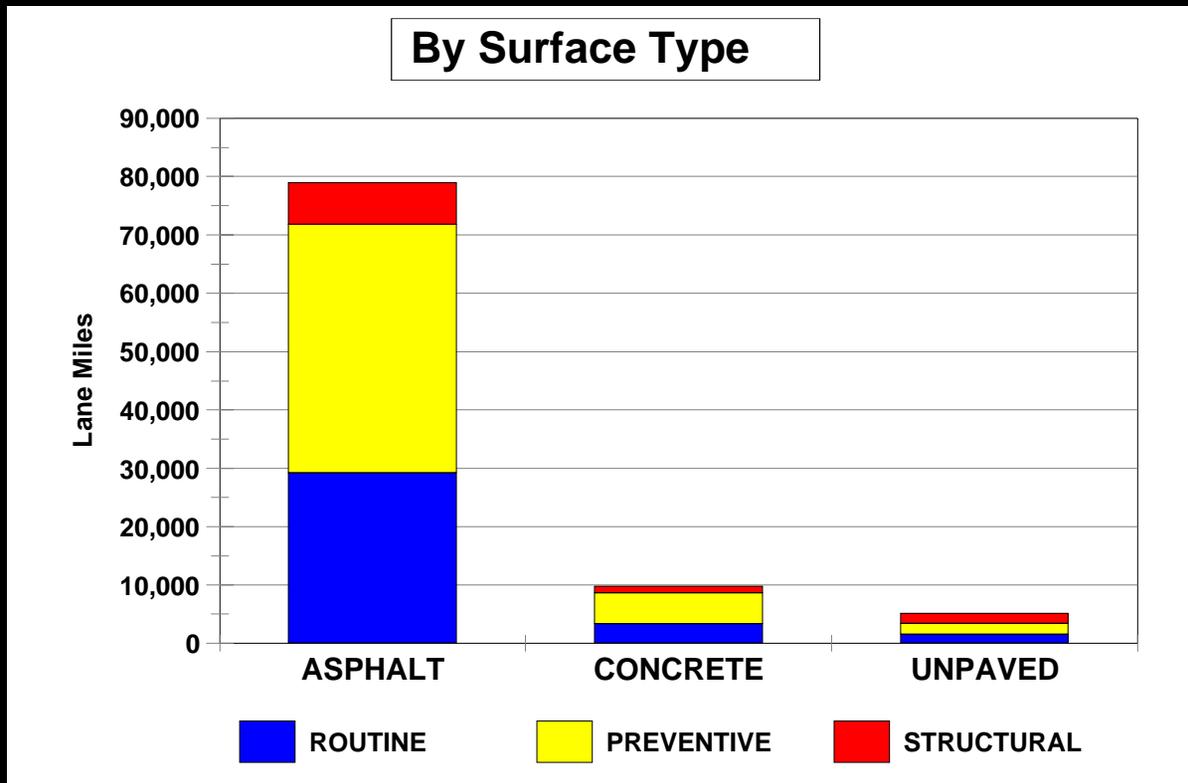
TAMC - January 2004



Percent of Miles by Surface Type



Total Lane Miles by Surface Type



RAMPS

- First time
- 1061 lane miles
- Routine Maintenance: 337 or 32%
- Preventive Maintenance: 605 or 57%
- Structural Improvement: 118 or 11%

HOUGHTON-HANCOCK



Surface Condition (PASER Rating)

	Structural Improvements (1 - 4) 59.4 miles, 13.3%
	Capital Preventative Maintenance (5 - 7) 216.9 miles, 48.5%
	Routine Maintenance (8-10) 170.9 miles, 38.2%

QUALITY CONTROL

- Conducted two sets of PASER ratings on the State Trunkline portion of the system
 - Asset Management Council effort
 - MDOT Sufficiency effort
- Reviewed the ratings of both groups
- Tested the % to which both ratings were within 1 or 2 ratings of each other
- Overall, statewide: 93%

NEXT STEPS

- Finally, this is just the first year of a three-year initial data collection effort
 - Needed for strategic analysis purposes
 - GASB 34

NEXT STEPS

- Second year of data collection will begin later this year
- Begin testing this year's data in a variety of strategic analyses models
- Provide the Commission and Stakeholders with periodic updates on the progress being made

2003 DATA COLLECTION

