



City of Tigard
Street Maintenance Fee

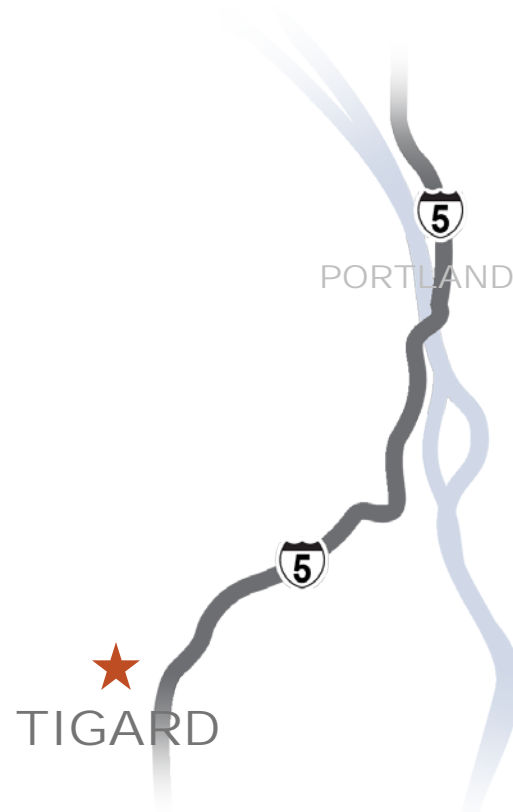
Association of Washington Cities Conference
June 23, 2010



City of Tigard, Oregon



- Population 47,460
- 10 miles southwest of downtown Portland
- Incorporated 1961
- 147 Miles of Street



Assessing the Need



- Gas Tax Revenue Down
- Capital Project Needs Increase
- Road Usage Up
- Heavy Vehicle Volume Up
- Asphalt Prices Up
- Pavement Condition Deteriorating
- As Street Condition Worsens, Repair Cost Increases

Funding Needs



- Regular Maintenance (Street Crews)
- Traffic Control System Maintenance
- Pavement Overlays, Slurry Seals, Etc.
- Local Match
- Capital Projects



Street Maintenance Fee Facts



- First Adopted November 18, 2003
- Target Funding: \$800,000 per year
- Residential fee assessed per unit (house)
 - *Residential Rate: \$2.18 per unit*
- Commercial fee assessed by code-required parking spaces
 - Cap of 200 spaces per property
 - Religious Institutions 50% discount (primary usage 1 day/wk)
 - *Business Rate: \$0.78 per required parking space*
- Funding used only for Pavement Preservation

Determining the Fee



- Develop Citywide Five-Year Paving Plan
- Allocate Costs Between Residents And Businesses

Street Classification	% Residential	% Non-Residential
Arterial	62	38
Collector	50	50
Commercial/Industrial	0	100
Residential	100	0
Total	67	33

Setting Business Rates



- Trip Generation
- Parking Spaces
- Negotiations

Tigard's Street Maintenance Fee

As of July 1, 2010



- Residences: \$3.01/month
- Businesses: \$0.92/month per required parking space
- Paid with water bill

- Yearly Revenue: \$1.16 million
- Funding Split: 62% residences; 38% businesses
- Use: Pavement Preservation Only

Tigard's Street Maintenance Fee

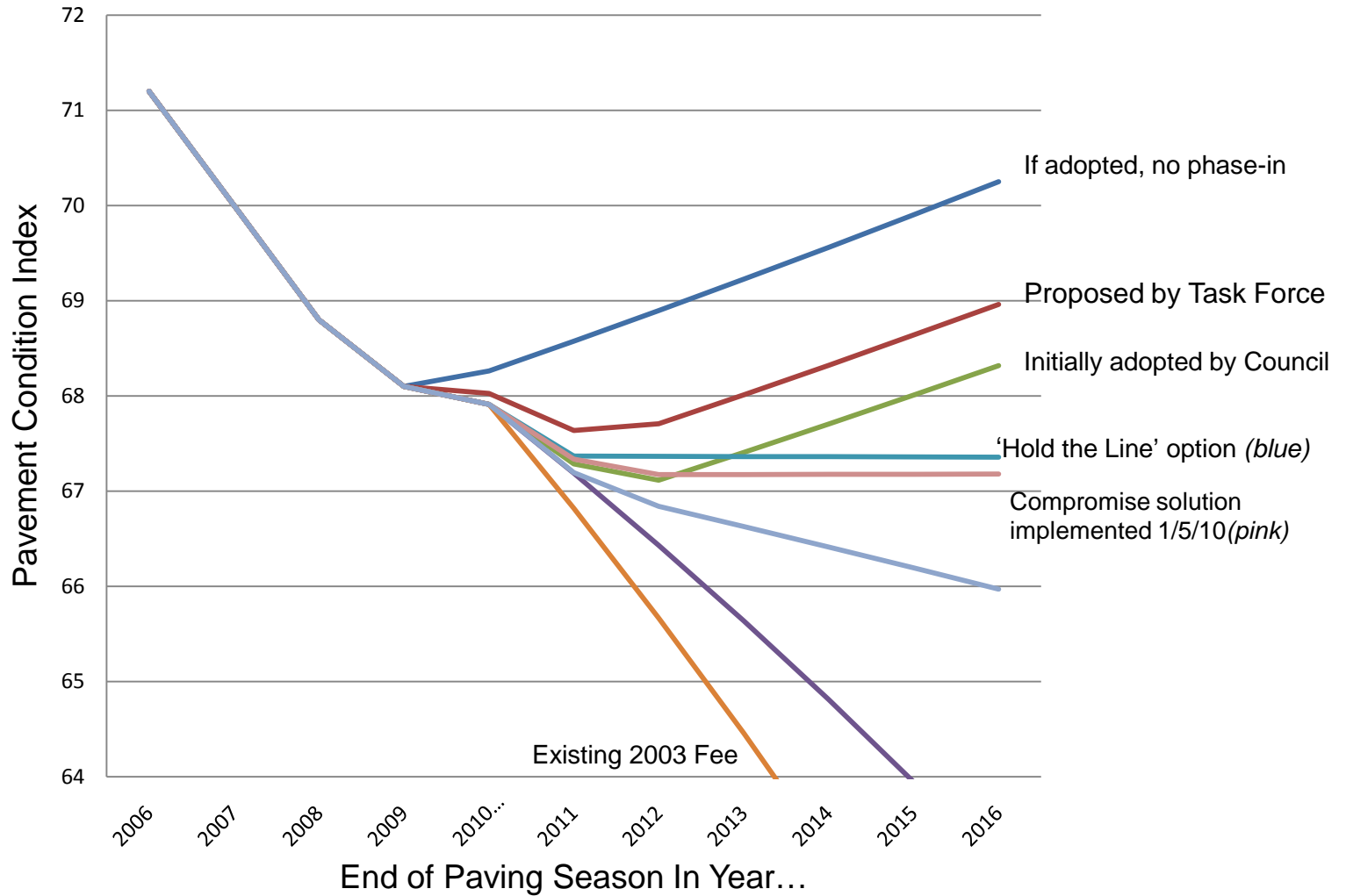
As of January 1, 2012 

- Residences: \$5.25/month
- Businesses: \$1.19/month per required parking space
- Paid with water bill

- Yearly Revenue: \$1.8 million
- Indexed For Inflation
- Funding Split: 67% residential; 33% business
- Use:
 - *\$1.7 million for Pavement Preservation*
 - *\$100,000 for Right-of-Way Maintenance*

Citywide Pavement Condition

Index by Funding Scenario



Public Outreach

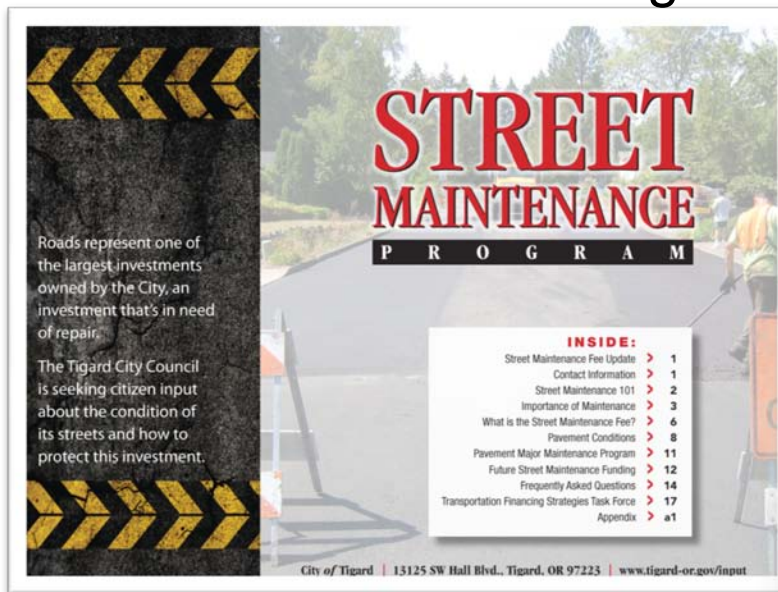


- Open Houses
 - Attendance (or Lack Thereof)
- Some Didn't Like Fee Change
- Most Understood The Need for Fee Change
 - Ensuring Fairness
- Other Outreach
 - Public Meetings – went to where the public gathered
 - Press Releases, *Cityscape* Articles & Billing Inserts
 - City Website
 - Educational Materials

Educational Materials



- Street Maintenance Program Booklet



- City of Tigard Website:
www.tigard-or.gov/smf

Pavement Treatment Examples



- 1) Grind to match curb lines and end joints
- 2) Clean Street of dirt and debris; Cover facilities as necessary
- 3) Place Tack Coat (sticky adhesive material on left)
- 4) Adjust manholes and valve covers to new elevation
- 5) Place Asphalt
- 6) Allow asphalt to cool and set

Pavement Condition Primer



Pavement Condition 42 (Poor): Commercial Street east of Main Street

Cracking has become extensive; This is called 'alligator cracking' because it resembles the back of an alligator.

Pavement Condition Index:

85 – 100	Very Good
70 – 85	Good
55 – 70	Fair
35 – 55	Poor
0 – 35	Very Poor

Maintenance Strategy Scenarios



30-Year Pavement Maintenance Alternatives: Arterial

Traffic: 12,000 Vehicles per Day Dimensions: 1,000 feet long, 34 feet wide

Option	Maintenance Alternatives	Details	Average Pavement Condition	Total Cost
1 Pavement Overlays Every 10 Years		3 Two Inch Overlays	80 Surface Roughness; Only Minor Cracks; Pavement Intact	\$168,000 (\$887,000 per mile)
2 Pavement Major Overlays Every 15 Years		2 Major Overlays	74 Surface Roughness; Some Cracking; Pavement Mostly Intact	\$214,200 (\$1.13 million per mile)
3 Wait until Pavement Fails, then Reconstruct		1 Reconstruction	65 Widespread Cracking; Potholes Common; Some Pavement Structural Weakness Developing	\$340,000 (\$1.8 million per mile)

White band:
Good/very good pavement (PCI > 70)

Light gray band:
fair pavement condition (55 < PCI < 70)

Dark gray band:
Poor/very poor pavement (PCI < 55)

Accountability



- Yearly Council Review
- Paving Contract Value vs. Overhead Expense
- 'True-Up' Fee Verification

Tigard City Gas Tax



- 3 Cents Per Gallon
- Passed in 2006
- All Funds Dedicated to Pacific Hwy-OR99W/Greenburg Rd/Main St Project



Questions?

