



Columbia County Road Department

Department Presentation

June, 2013

By David Hill



Columbia County Road Department Presentation:

Work Performed

Revenues / Expenses

Projects Completed / Planned

Issues and Needs

Work Performed By County Road Crews



Ditching

Road Grading





Bridge Repair

Culvert Replacement



Herbicide Application





Chip Seal

39 Miles in 2012





Excavation



Clear Debris From Landslides and Floods



We Move Snow



and Apply to Icy Roads:

Sand

Anti-Ice Chemical



Storm Damage Removal



Earthquake Preparation and Recovery



Other Tasks Performed By The Road Department

- **Signs and Striping**
- **Roadside Vegetation**
- **Pothole Repair**
- **Paving**
- **Equipment Repair**
- **Building Repair**
- **Regulation and Permitting**

Budget and Personnel Numbers

Columbia County Road Department Personnel & Mileage

- EMPLOYEES:

Road Maintenance	13	(includes supervisors)
Mechanics	2	
Signs	1	
<u>Office</u>	<u>5</u>	
Total	21	

(25.5 in 2011)

– COUNTY ROAD MILES:	<u>Paved</u>	<u>Gravel</u>	<u>Total</u>	Employees	Miles /Emp
– Clatskanie District	79	55	135	3	45
– Rainier District	111	43	153	4	38
– St. Helens District	147	32	179	4	45*
– Vernonia District	52	34	85	2	42
– Total	389	164	553		

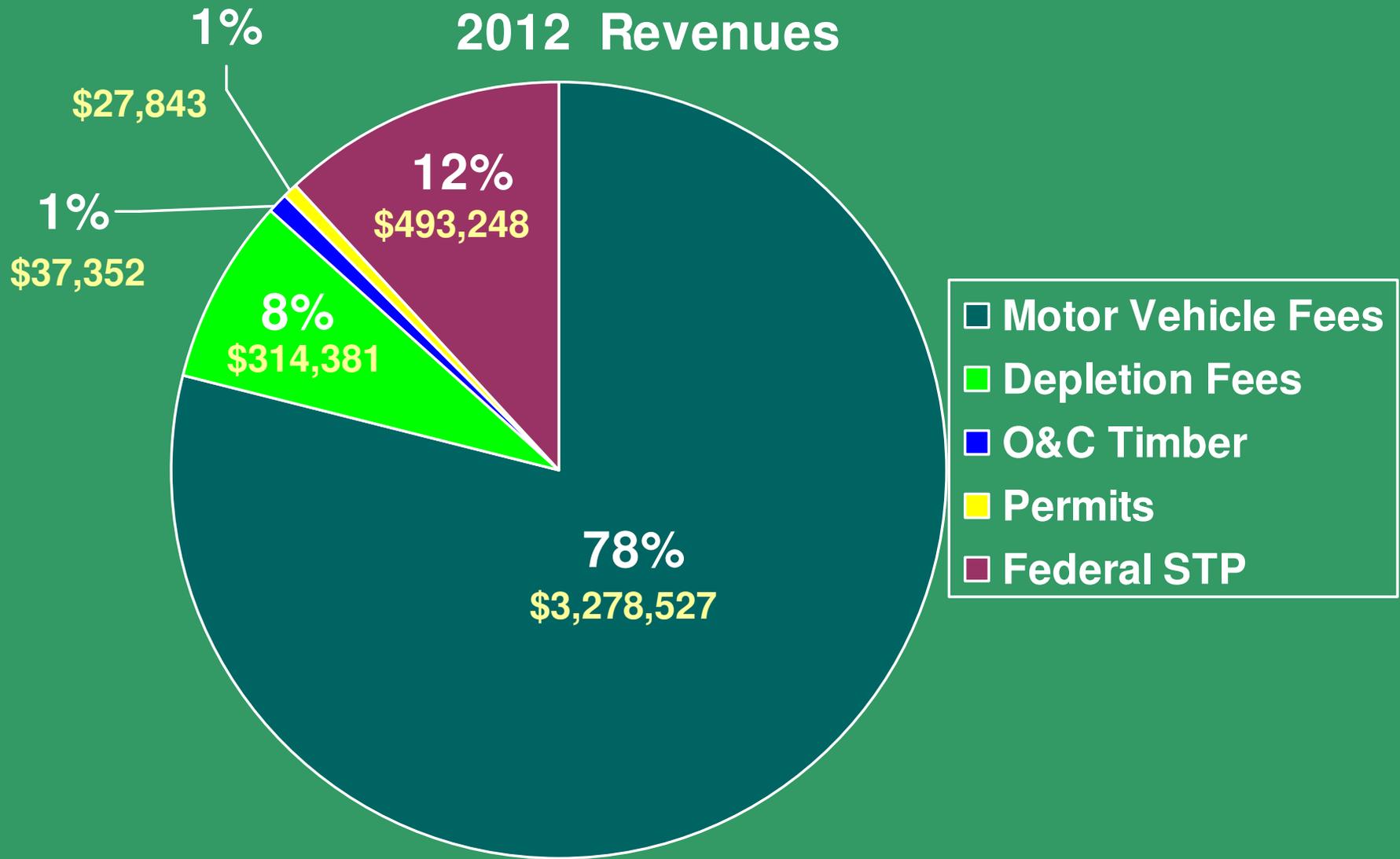
* St. Helens crew performs all centerline striping and herbicide application for all districts

If all the Columbia County Roads were placed end to end they would reach from St. Helens to Reno NV.

Road Department Revenues

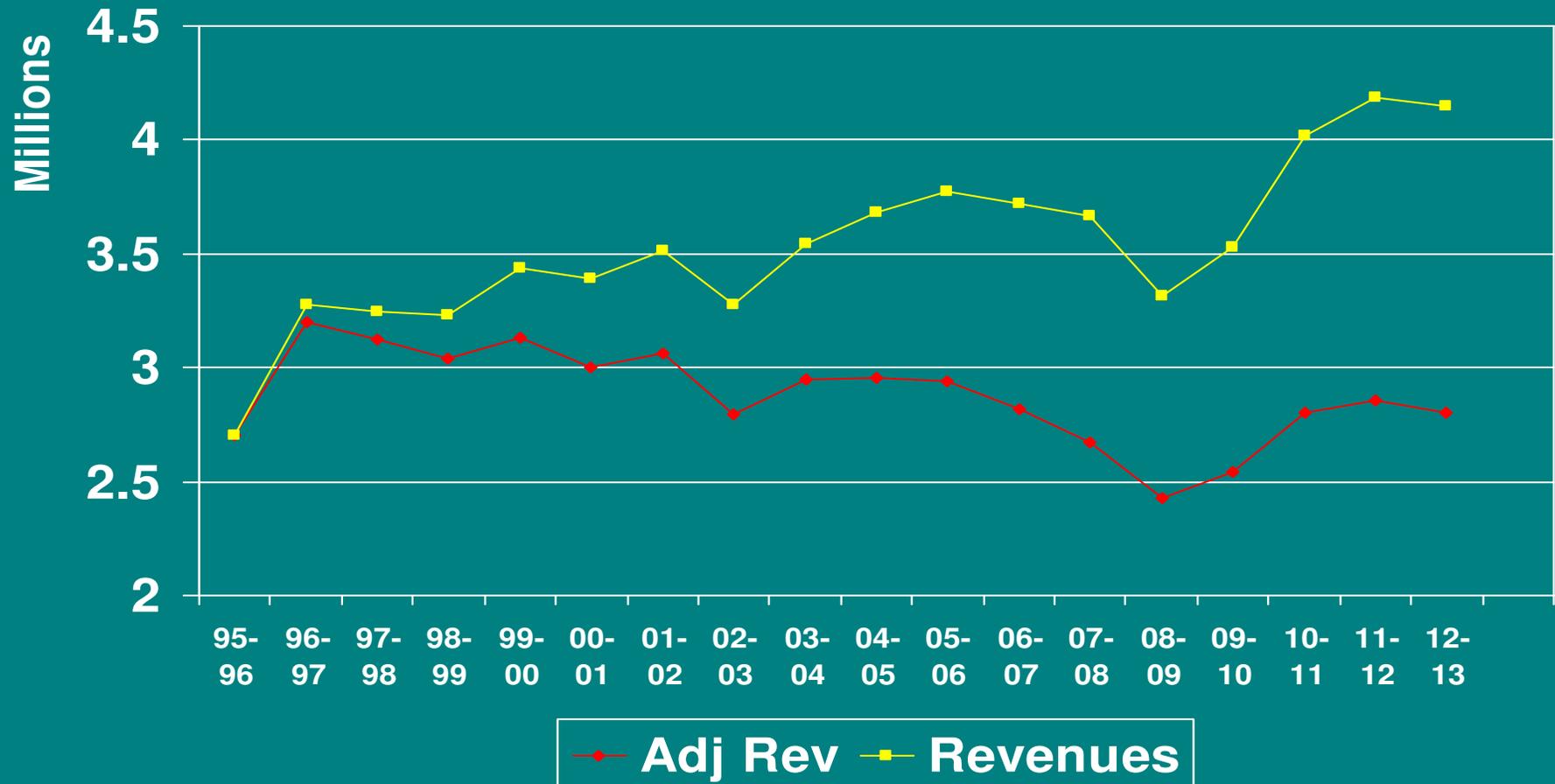
Year	Motor Vehicle Fees	Aggregate Mining Fee	O&C Timber/Levy	Permits	Federal STP Fund Exchange	Total	Total Adj to 1996 Dollars
95-96	\$2,181,988	\$312,790	0	\$16,971	\$193,558	\$2,705,307	\$2,705,307
96-97	\$2,174,958	\$447,560	\$455,422	\$18,157	\$178,653	\$3,274,750	\$3,201,298
97-98	\$2,160,605	\$445,143	\$426,870	\$13,206	\$198,407	\$3,244,231	\$3,122,821
98-99	\$2,270,155	\$341,064	\$416,808	\$13,683	\$188,142	\$3,229,852	\$3,041,799
99-00	\$2,358,619	\$421,047	\$420,000	\$18,597	\$222,105	\$3,440,368	\$3,134,690
00-01	\$2,380,647	\$329,436	\$420,000	\$32,504	\$229,646	\$3,392,233	\$3,005,315
01-02	\$2,494,885	\$324,978	\$420,000	\$23,166	\$233,268	\$3,511,187	\$3,062,285
02-03	\$2,266,730	\$306,819	\$420,000	\$21,428	\$246,832	\$3,277,565	\$2,794,836
03-04	\$2,570,434	\$270,129	\$420,000	\$30,258	\$239,568	\$3,545,682	\$2,945,037
04-05	\$2,564,061	\$385,506	\$420,000	\$26,605	\$265,584	\$3,678,709	\$2,955,399
05-06	\$2,664,546	\$396,848	\$420,000	\$28,740	\$250,382	\$3,776,498	\$2,939,149
06-07	\$2,639,899	\$334,751	\$420,000	\$32,457	\$276,840	\$3,721,678	\$2,816,271
07-08	\$2,509,933	\$339,531	\$420,000	\$36,174	\$340,806	\$3,668,198	\$2,673,164
08-09	\$2,260,613	\$264,980	\$420,000	\$40,171	\$310,085	\$3,315,662	\$2,424,884
09-10	\$2,510,874	\$298,670	\$340,200	\$38,303	\$323,718	\$3,532,428	\$2,541,723
10-11	\$2,946,734	\$336,694	\$306,400	\$32,499	\$372,872	\$4,019,000	\$2,803,342
11-12	\$3,278,527	\$314,381	\$37,352	\$27,843	\$493,248	\$4,161,651	\$2,858,466
12-13 (Est)	\$3,339,713	\$370,613	0	\$32,654	\$382,982	\$4,125,962	\$2,800,482
13-14 (Bud)	\$3,450,000	\$360,000	0	\$28,000	\$385,400	\$4,223,000	

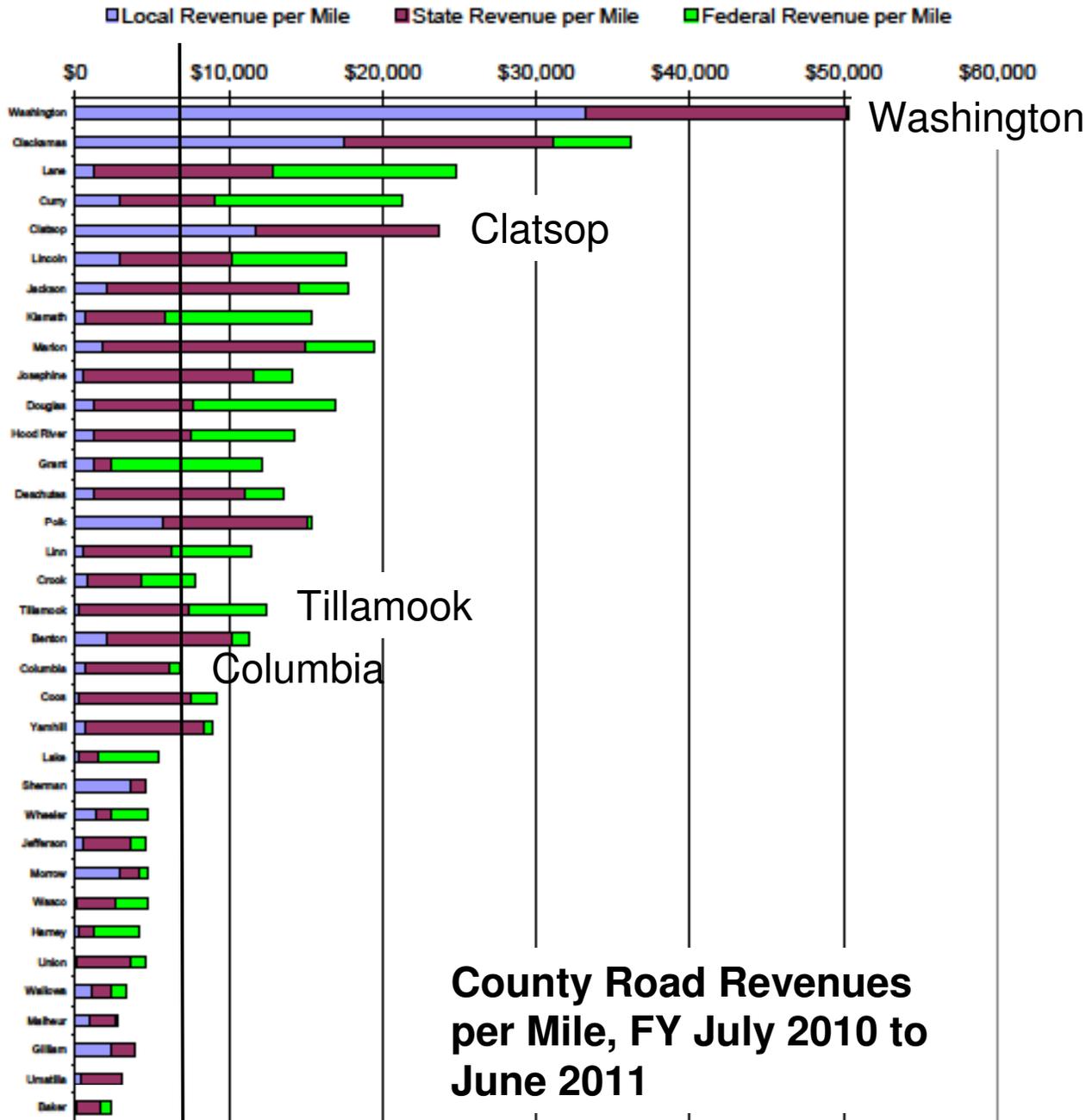
2012 Revenues



Total Revenue: **\$4,125,962**

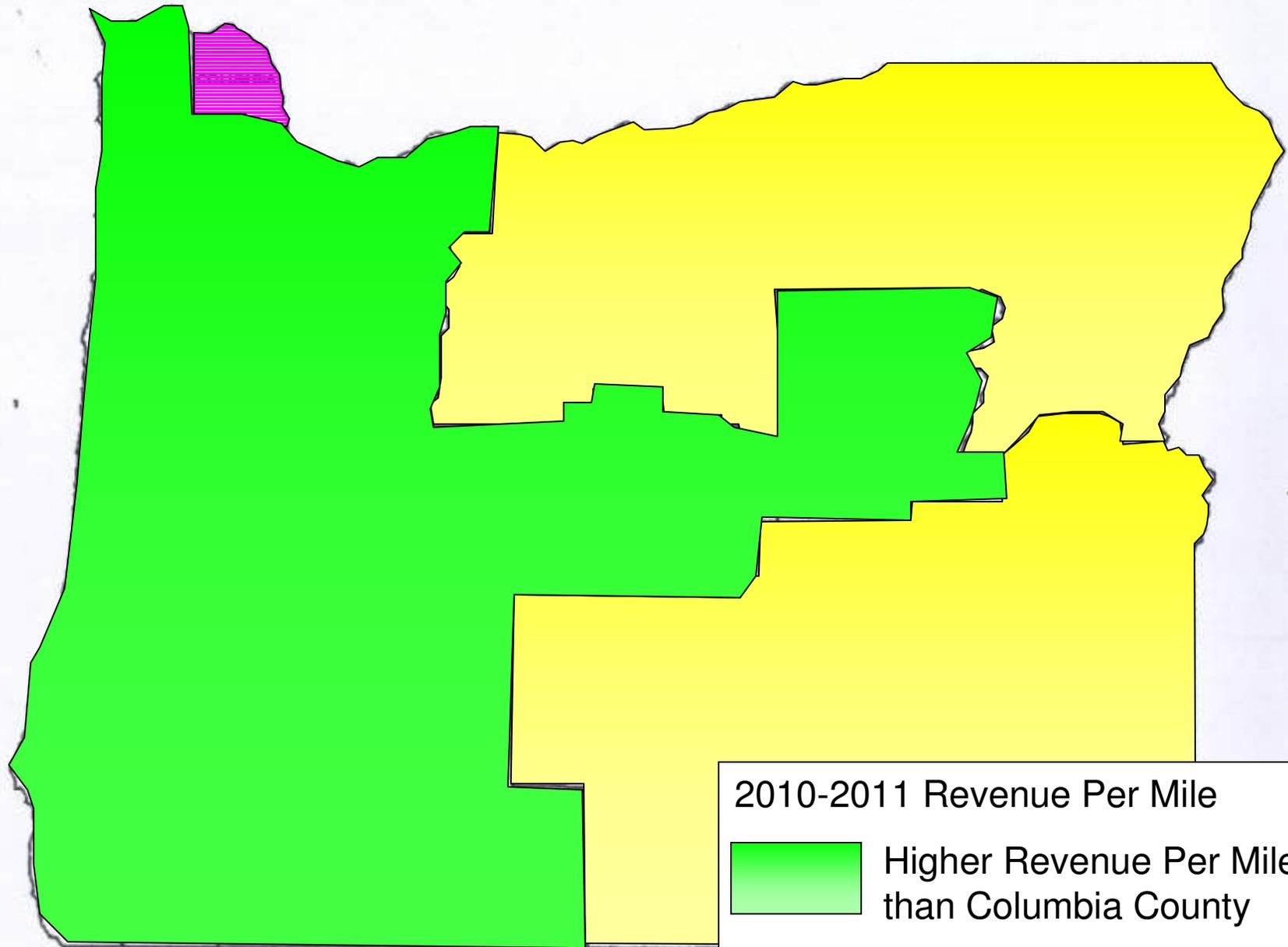
Road Revenues and Revenues Adjusted for Inflation





*Does not include Multnomah County

Data from ODOT Roads & Streets Questionnaire



2010-2011 Revenue Per Mile

	Higher Revenue Per Mile than Columbia County
	Lower Revenue Per Mile than Columbia County

FY 2014 Road Department Budget

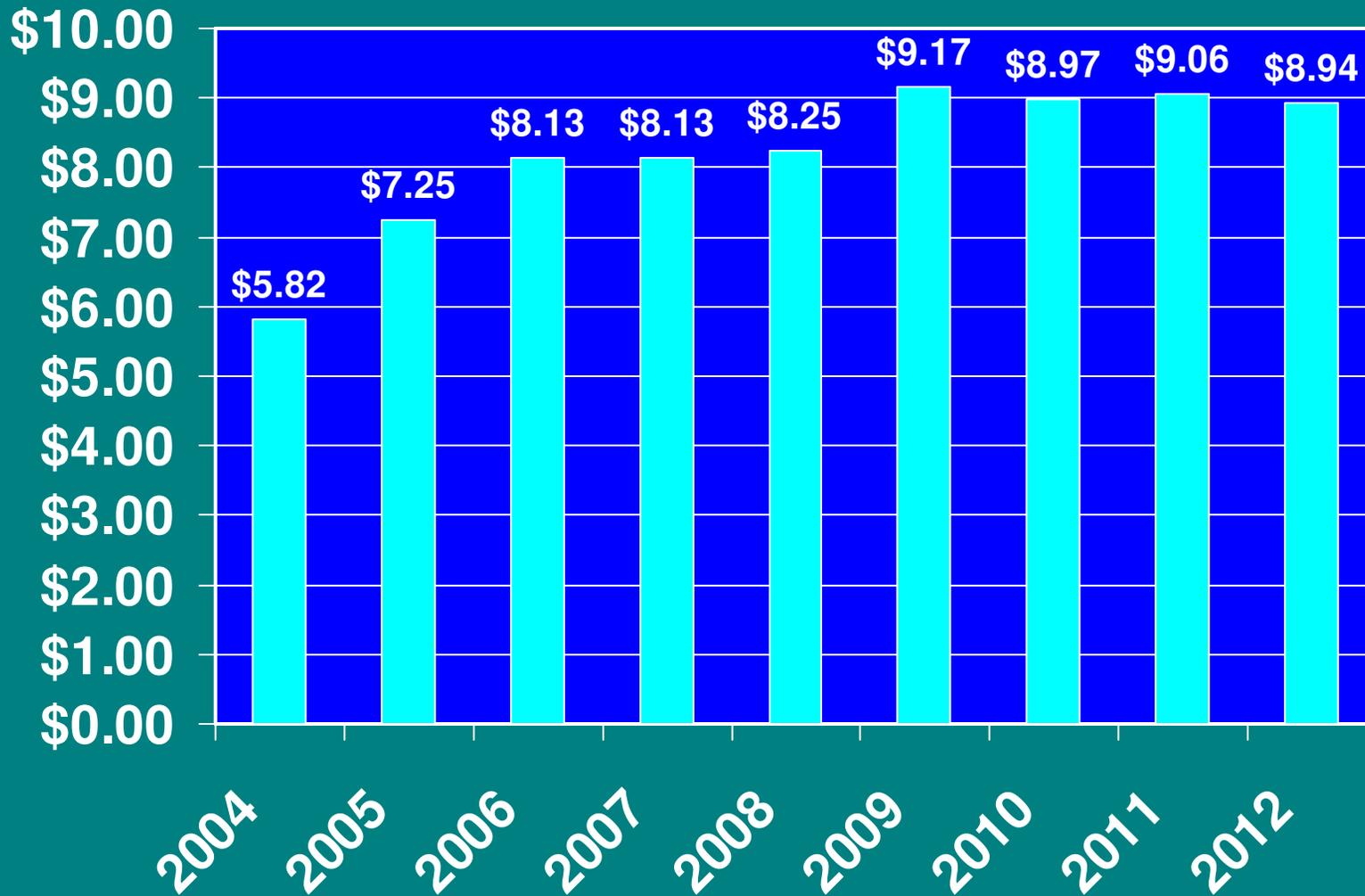
Expense			Cost
Personnel	Salary	(59%) \$1,233,845	\$2,097,412
	Med Insurance	(18%) \$384,861	
	PERS	(15%) \$312,155	
	SS, W/C, Unemployment	(8%) \$166,551	
Rock			\$150,000
Asphalt			\$300,000
Paint (for striping)			\$130,000
Culvert, Herbicide, Anti-Ice, Signs, Supplies			\$105,000
Fuel			\$220,000
Equipment, Parts, Supplies & Repairs			\$225,000
Utilities, Insurance, Admin, Other			\$388,000
Bridges (Fishhawk, JP West & Pebble Cr Rds)			\$383,000*
Total			\$3,998,412

* STP Fund Exchange through ODOT

Average Diesel Prices



Average Local Rock Prices / Ton



Average Local Asphalt Prices / Ton



Recent Road Projects

Grinding Old Asphalt

**Elk Creek Road
Reconstruction**



Grading



Oil Matte

Canaan Rd Guard Rail

Before



After



Total Cost: \$494,000

Grant: \$345,000

Nicolai Rd Overlay 2011



Total Cost: \$500,000

4.6 Miles

Four Watershed Council Culvert Replacements



Cater Rd,
Alder Cr



Brinn Rd,
Cox Cr

Cost: \$73,000



Scappoose Vernonia
Rd, Elk Cr



Cedar Cr Rd,
Cedar Cr

Scappoose Vernonia Road

At Milepost 8



Repaired in 2011

Total Cost: \$465,000

Grant: \$390,000





Holbrook Road Washout

Jan 2013



May 2013



Nick Thomas Road

Landslide

Repair and Construction To Start:
June 2013





Marshland – Midland Road Recycled Asphalt Resurfacing

Construction To Start:
July 2013



5000 CY of Asphalt Grindings to
be used on Midland District Rd





Marshland District Road
Resurfacing Using Asphalt
Grindings.

Construction Completed
August 2013



Eddings Road Culvert

Construction To Start:
August 2013



Eddings Road Culvert
Construction Finished
September 2013



Scappoose – Vernonia Road Landslide / Heaving



Walker Road Landslide



Construction To Start:
August 2013



County Bridge Inventory: 93

Hudson Park Bridge
and
Fishhawk Creek Bridge

Construction To Start:
Summer 2013

Total Cost: \$921,000

Grant: \$820,000



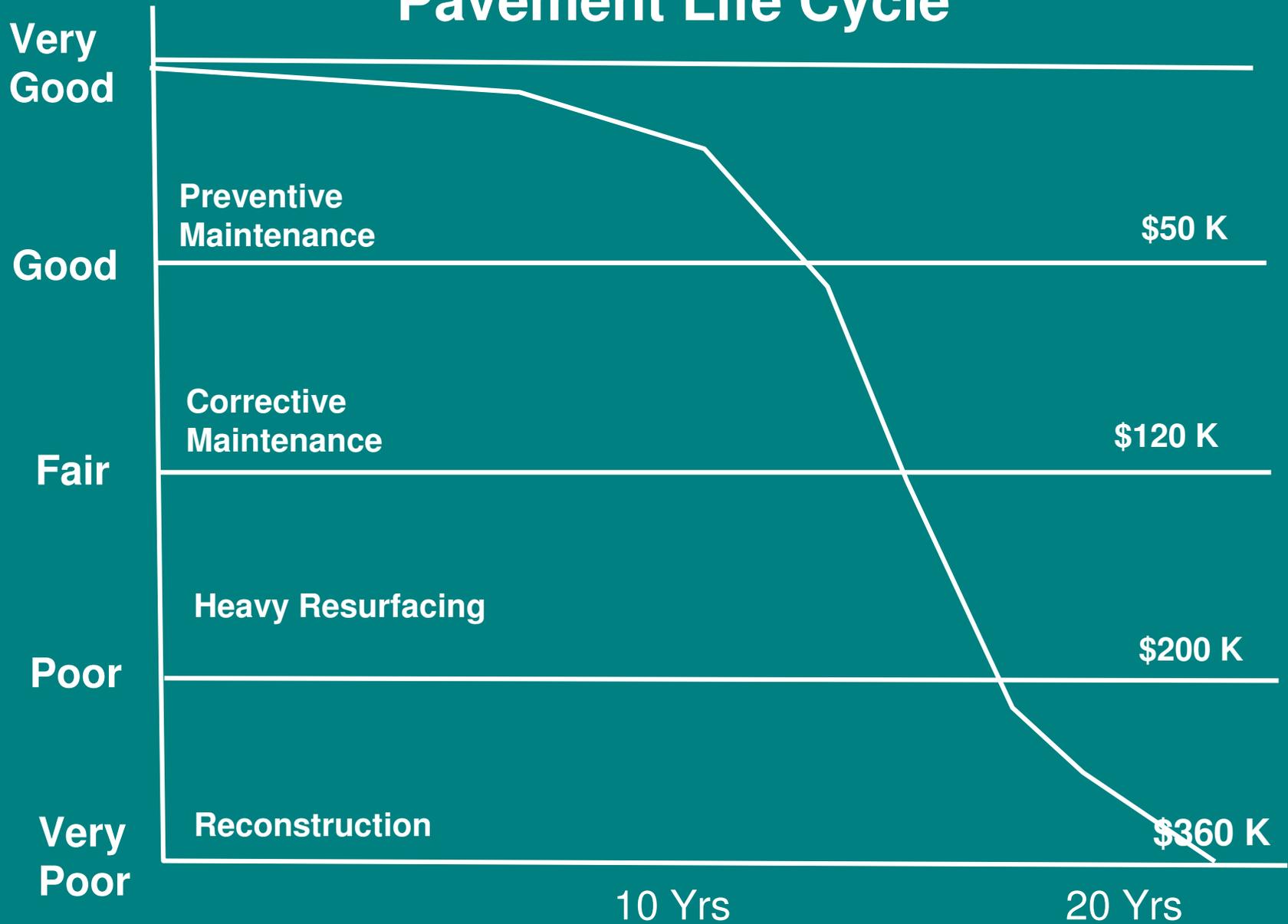
Other Bridge Replacement Projects:

- JP West - 2014 - \$1,425,000
- Coon Creek - 2014 - \$2,915,000
- Pebble Creek - 2016 - \$2,693,000

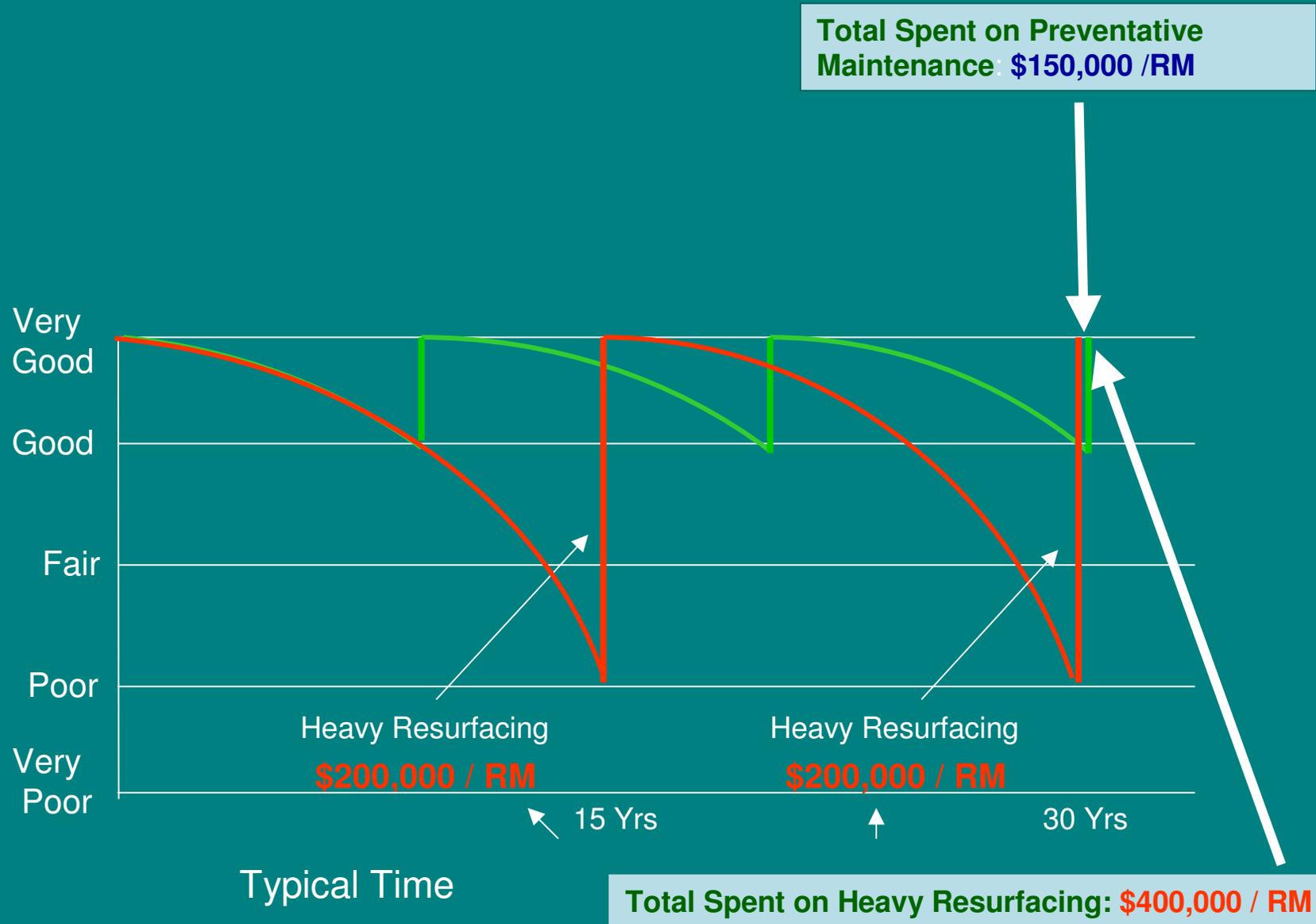
Total Cost: \$1,624,000

Grant: \$1,477,000

Pavement Life Cycle



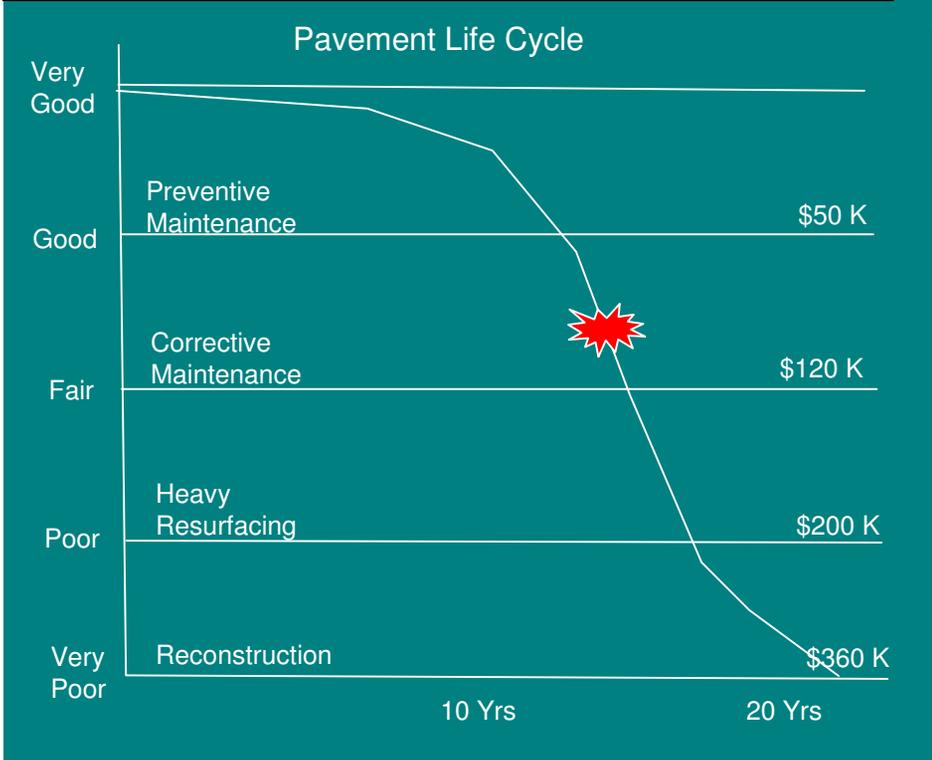
Maintenance Strategies





Mayger Road

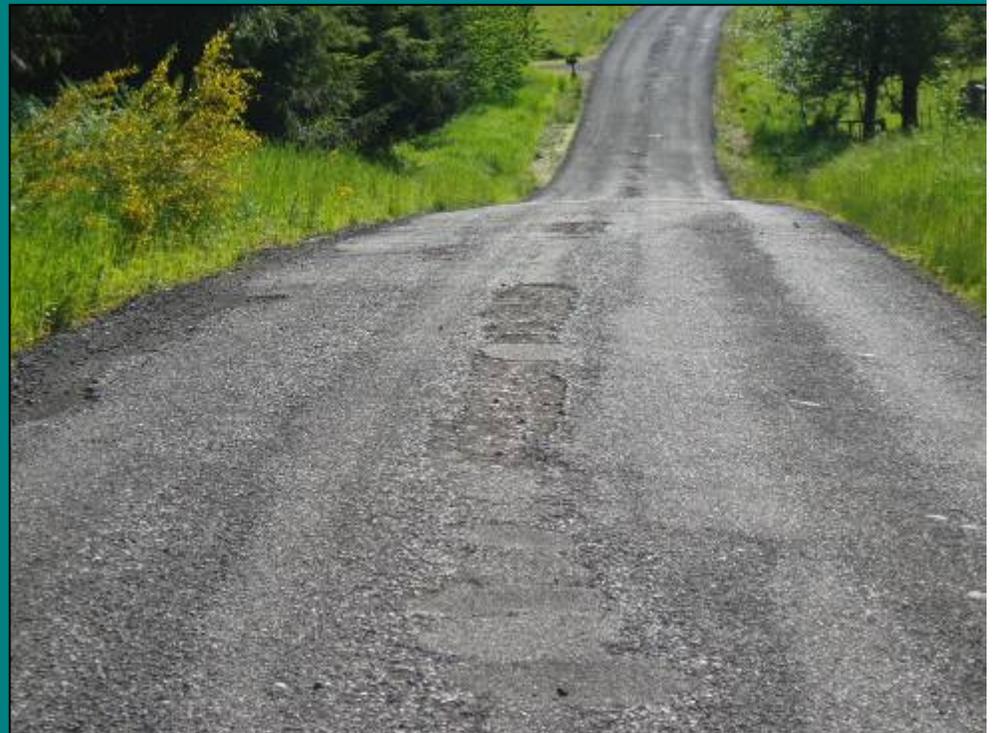
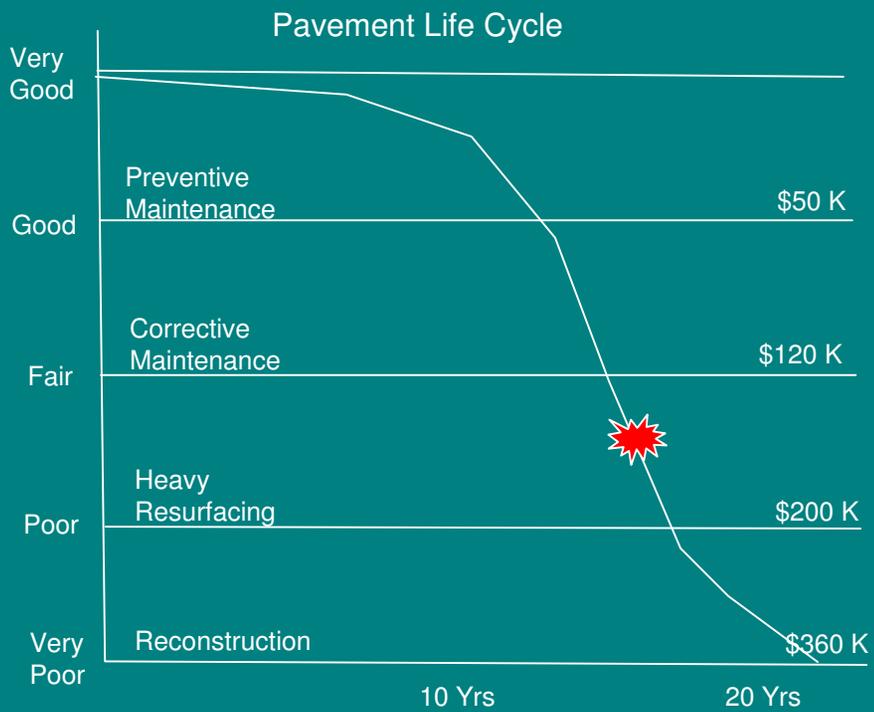
May 25, 2012





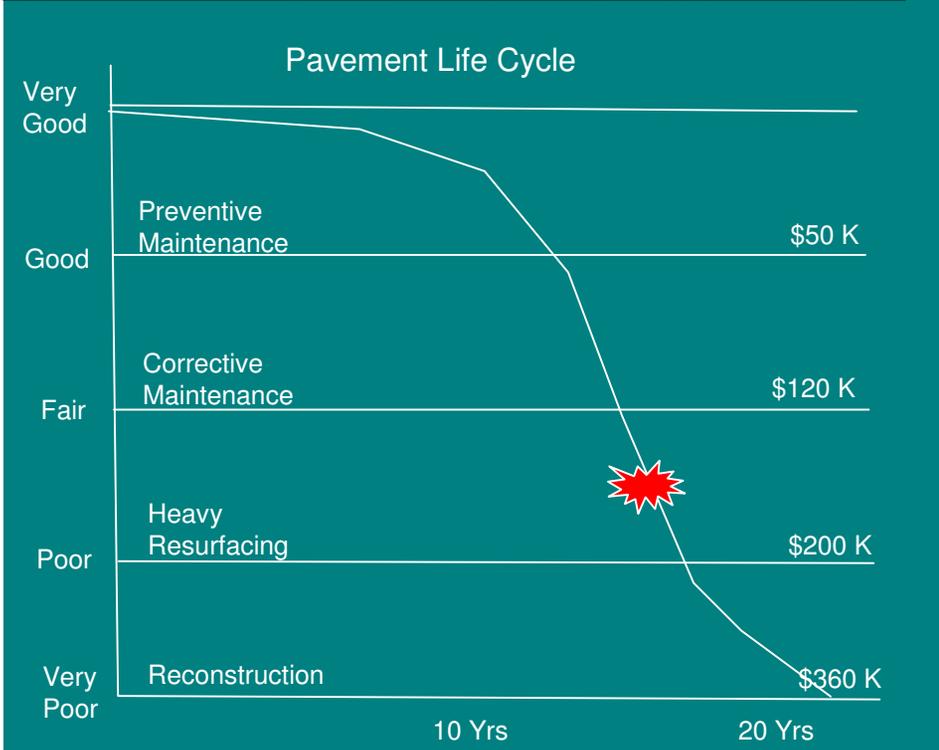
Ilmari Road

May 25, 2012



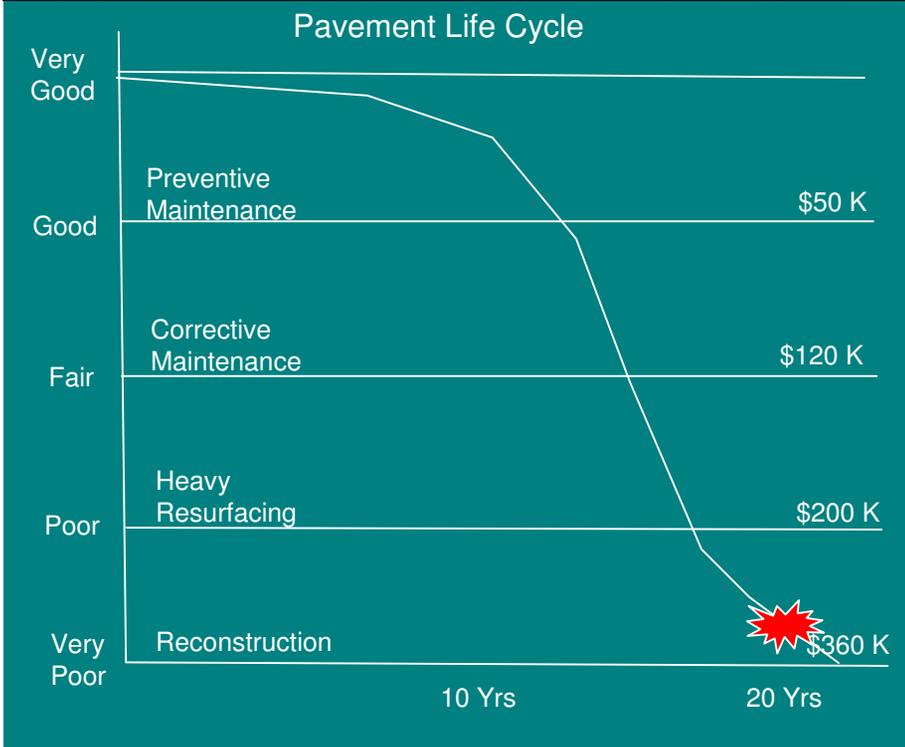


Haven Acres Road



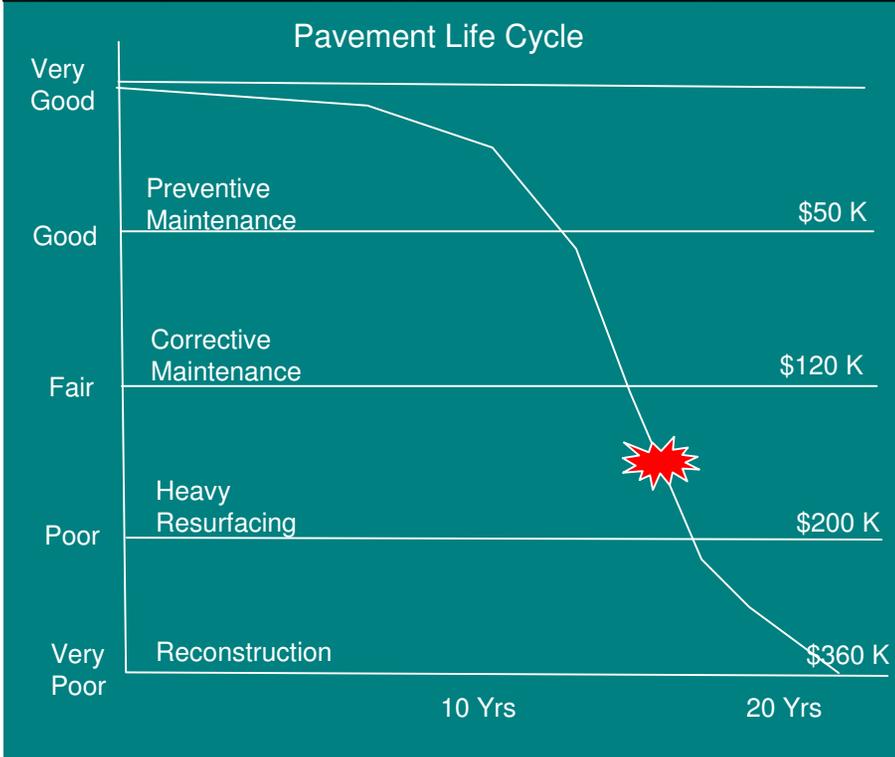


Conyers Creek Road



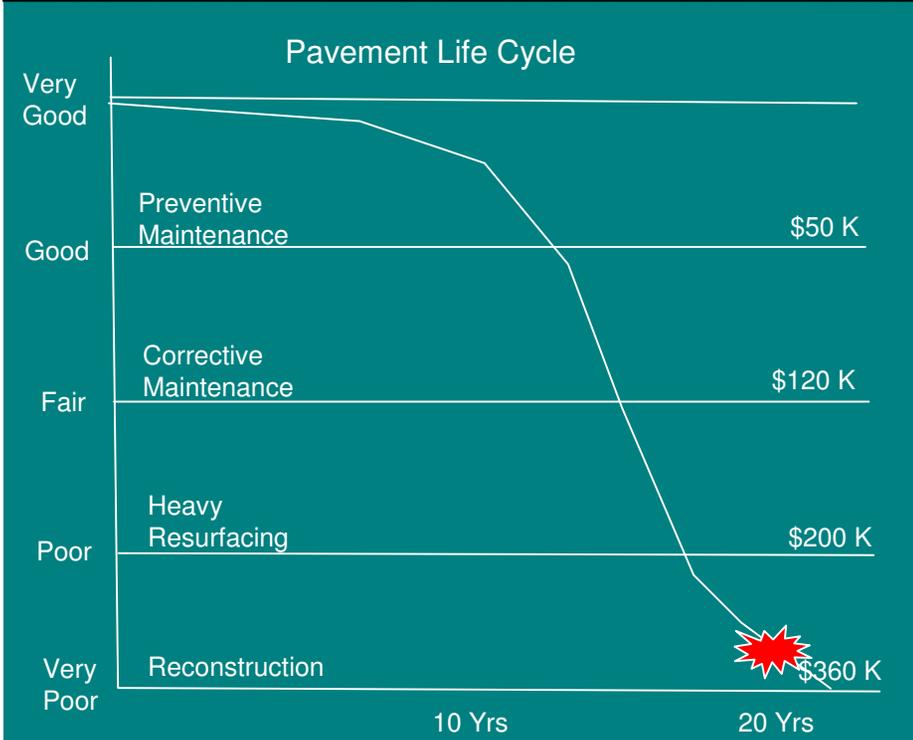


Tide Creek Road





Lentz Road



Columbia County Roads Department Needs:

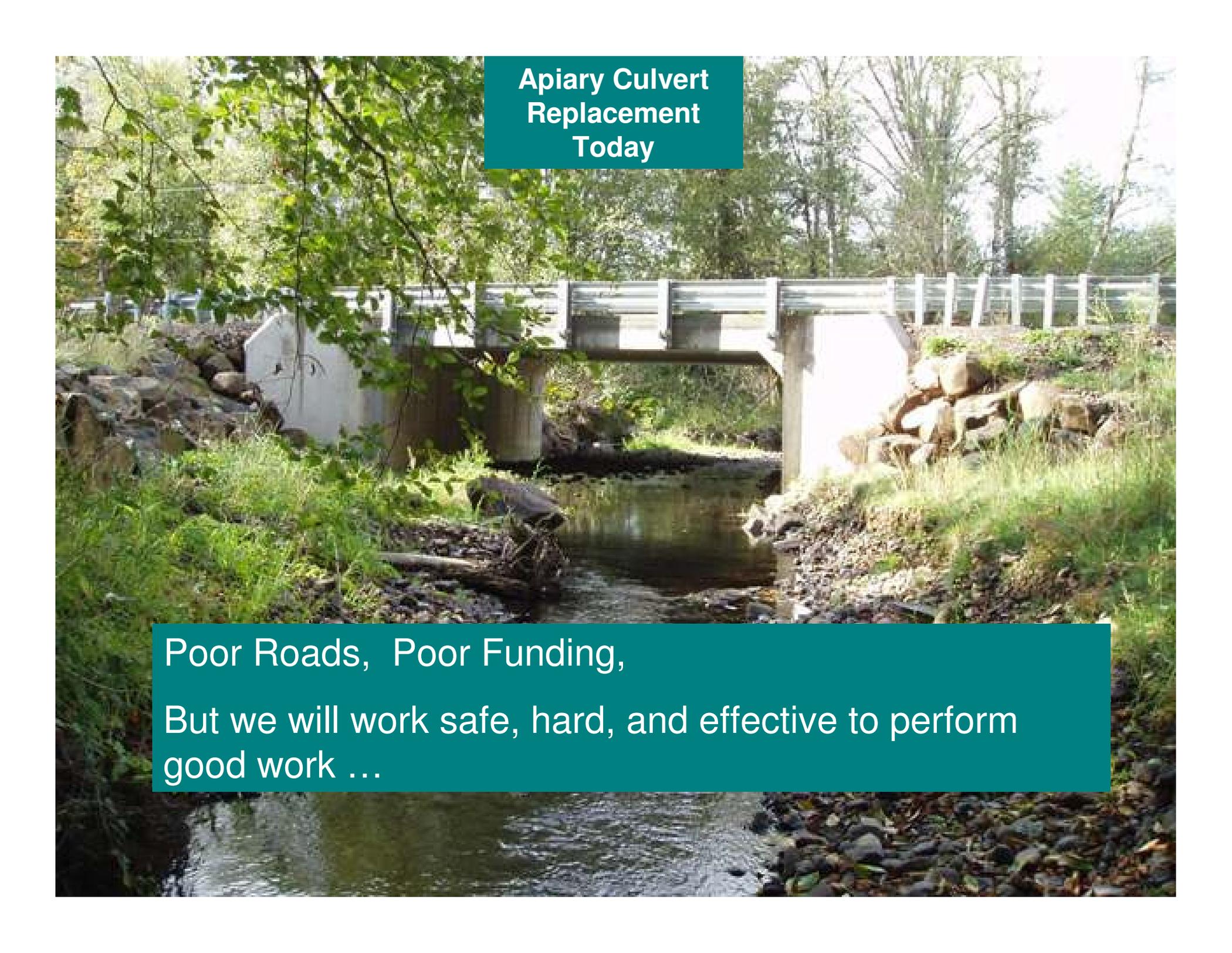
- Pavement Preservation – Scappoose Vernonia Rd, Apiary Rd, Mayger Rd, and most other County Roads.
- Port Westward / Hermo Road access / construction / reconstruction
- Gable Road – Bike / Ped / Enhancement, Overlay / Drainage
- Guardrail Construction
- Safety Improvements

State Highway Concerns:

- Hwy 30 Preservation
- Swedetown Overpass
- Bennett Road and Tide Creek Road Intersections

Apiary Culvert Replacement





Apiary Culvert
Replacement
Today

Poor Roads, Poor Funding,
But we will work safe, hard, and effective to perform
good work ...



... and with a smile!





Have a Great Day!