

**PUBLIC WORKS DEPARTMENT  
ROAD DIVISION  
WORK PLAN SUMMARY  
2007-2009 BIENNIUM**

<u>Program</u>	<u>Program Expense</u>	<u>Percent of Budget</u>
Bridge	\$446,244	6%
Drainage	\$775,112	11%
Emergency	\$233,850	3%
Gravel Surface	\$840,169	11%
Paved Surface	\$1,396,827	19%
Paths/Bikeways	\$200,789	3%
Roadside	\$143,680	2%
Spot Improvement	\$378,992	5%
System Management	\$370,051	5%
Traffic Control	\$996,112	14%
Vegetation	\$695,815	9%
Work for Others	\$897,510	12%
<b>Total Budgeted</b>	<b>\$7,375,151</b>	<b>100%</b>



Activity	Description	Biennium Total		Amount Maintained	Annual Demand Factor	Meas.	Desired Proposed		Target %
		Total	365 days/52 weeks				Service Level	Service Level	
A01	General Supervision	167,348	365 days/52 weeks		10hrs/week +365 days equipment	HR			
A01	Standby	102,358	As required		As required	HR			
A02	Service Requests/Complaints	100,345	NA		1 day response	EA			
<b>Total Administration</b>		<b>370,051</b>							
B01	Minor Bridge Maintenance	96,299	103 Bridges		Inspection (50% per year)	EA	52	52	100.00%
B03	Maintain Culverts>5 Ft	14,028	94 Culverts>5ft		100% a year	EA	94	47	50.00%
B07	Bridge Approach Repair	20,329	206 Approaches @200SY		Once per 10 years (21/year)	EA	21	21	100.00%
B20	Major Structural Repair	115,438	103 Bridges		As Required	EA	3	1	33.33%
B20	Stow Pit Road Bridge (07-08)	67,051	103 Bridges		As Required	EA	1	1	100.00%
B20	Hoskins Road Bridge (08-09)	72,035	103 Bridges		As Required	EA	1	1	100.00%
B59	Other Structure Repairs	45,426	103 Bridges		As Required	HR	260	260	100.00%
B74	Bridge Inspection	15,638	4 Bridges		2 per year	EA	4	4	100.00%
<b>Total Bridge</b>		<b>446,244</b>							
D01	Drott Ditching	65,278	240 Lane Miles (25%)		Once every 5 years	Miles	48	7	14.58%
D02	Rotary Ditching	38,356	576 Lane Miles (60%)		Once every 5 years	Miles	115	70	60.87%
D03	Grader Ditching	9,505	144 Lane Miles (15%)		Once every 5 years	Miles	29	3	10.34%
D06	Beaver Dam Removal	40,208	52 Locations		Once every 5 years	EA	10	10	100.00%
D11	Culvert Cleaning	122,332	10,000 Openings		Fall & Spring (2 per yr =20,000)	EA	20,000	10,000	50.00%
D12	Curb & Gutter Cleaning	19,758	8.98 Miles		15 times a year	Miles	135	68	50.00%
D21	Culvert Installation	161,128	150,000 Feet		Once every 50 years (3000 LF)	LF	3,000	1,500	50.00%
D31	Erosion Control	18,461	As required		As required	SY	2,700	2,700	100.00%
D59	Other Drainage	95,976	920 Miles		As required	HR	200	200	100.00%
D65	Peterson Road Culvert (07-08)	67,794	98 Culverts>5ft		As required	EA	1	1	100.00%
D65	Decker Road Culvert (07-08)	65,102	98 Culverts>5ft		As required	EA	1	1	100.00%
D65	Gellatly Way Culvert (08-09)	71,214	98 Culverts>5ft		As required	EA	1	1	100.00%
<b>Total Drainage</b>		<b>775,112</b>							
E01	Snow & Ice	142,317	940 Lane Miles		As required	HR			
E02	Dead Deer	14,824	As required		As required	EA			
E10	Debris Removal Cat. A	-	As required		As required	HR			
E20	Initial Response Cat. B	46,814	As required		As required	HR			
E21	Sign Making	-	As required		As required	HR			
E22	Non Road Cat. B	-	As required		As required	HR			
E30	Perm Repair Cat. C	-	As required		As required	HR			
E58	Hazardous Mtrl Spills	13,091	As required		As required	EA			
E59	Other Emergency	16,804	As required		As required	HR			
<b>Total Emergency</b>		<b>238,850</b>							
G01	Road Grading	268,906	180 Miles		5 times a year	M	900	600	66.67%
G02	Surface Rock Replace	413,540	180 Miles (Avg 140 ADT)		260 ton/mi/100 adt (66,000 T)	T	46,800	12,000	25.64%
G21	Contract Grading	-	180 Miles		As required	M			
G22	Contract Rock Hauling	-	180 Miles		As required	T			
G40	Dust Control	151,627	180 Miles		As requested	M			

**N/A**  
**Estimated cost for average year**

Activity	Description	Biennium		Amount Maintained		Annual Demand Factor	Desired Proposed		Target %	
		Total					Meas.	Service Level		Level
G50	Gravel Road Stabilization	-	180 Miles		Experimental - 15 Miles		M	30	0	0.00%
G59	Other Gravel Road	3,625	As required		As required		HR			
G70	Gravel Road Support	2,471	As required		As required		HR			
<b>Total Gravel Roads</b>		<b>840,169</b>								
H01	Spot Pavement Repair	133,356	280 Miles		As required		EA	2,000	2,000	100.00%
H02	Blade Or Box Patch	251,017	280 Miles		As required		M	20	2	10.00%
H03	Deep Base Repair & Patch	179,049	280 Miles		As required		SY	1,900	1,527	80.37%
H05	Benton County Chip Seal	-	280 Miles		Once per 7 yrs (40mi)		M	40	0	0.00%
H06	Street Cleaning	151,947	280 Miles		4 times a year		M	1,120	700	62.50%
H07	Crack Sealing	384,173	280 Miles		Once per 7 yrs (40mi)		M	40	26	65.00%
H08	Fog Seal	-	120 Miles AC		Once per 7 yrs (40mi)		M	17	0	0.00%
H09	Guardrail Repair	10,198	(-----LF)		As required		EA	6	6	100.00%
H11	Shoulder Blading	152,868	560 Miles		Twice per year		SM	1,120	300	26.79%
H12	Shoulder Rock Application	47,254	560 Miles		Once every 10 years		M	56	1	1.79%
H13	Slurry Seal	-	280 Miles		51,630 SY (3.7 miles)		M	3.7	0	0.00%
H59	Other	61,151	As required		As required		HR	290	290	100.00%
H70	Pavement Evaluation	25,814	280 Miles		As required		M	600	200	33.33%
<b>Total Paved Surfaces</b>		<b>1,396,827</b>								
P01	Bp Spot Patching	636	61.53 Lane Miles		As required		H	30	30	100.00%
P02	Bp Leveling	27,975	30.28 Path Ln Miles		As required		LF	7,500	2,000	26.67%
P03	Bp Crack Sealing	19,775	As required		As required		M	5	5	100.00%
P04	Bp Delineation	7,039	As required		As required		EA	25	25	100.00%
P05	Bp Sweeping	69,240	As scheduled		Twice per month		PM	900	600	66.67%
P06	Bp Mowing	7,492	15.14 Path Miles		Three times a year		PM	45	30	66.67%
P07	Bp Striping	28,214	31.25 Miles		Twice per year		M	31	31	100.00%
P08	Bp Pavement Legends	11,677	As required		As required		EA	200	200	100.00%
P09	Bp Sign Installation	3,840	45 Locations		As required		EA	25	25	100.00%
P59	Bp Other	24,901	As required		As required		HR	100	100	100.00%
<b>Total Bike Paths</b>		<b>200,789</b>								
R01	Litter Pick-Up	28,300	920 shoulder miles		Once per year		SM	920	300	32.61%
R02	Fence Repair	9,938	As required		As required		LF	990	990	100.00%
R03	Driveways	44,054	(-----EA)		As required		EA	48	48	100.00%
R04	Mail Boxes	10,119	(-----EA)		As required		EA	40	40	100.00%
R06	Road And Utility Permits	34,120	920 shoulder miles		As required		HR	200	200	100.00%
R59	Other Roadside	17,149	As required		As required		HR	105	105	100.00%
<b>Total Roadside</b>		<b>143,680</b>								
S01	Spot Improvement	277,695	As scheduled		7 location per year		EA	7	7	100.00%
S02	Railroad Crossing	101,297	29 locations		6 per year		EA	27	27	100.00%
S03	Oil Mat Surfacing	-	(New) As scheduled		5 miles per year (64,533 SY/yr)		M	5	0	0.00%
<b>Total Spot Improvement</b>		<b>378,992</b>								
T01	Sign Fabrication	149,217	As required		As required		EA	1,000	750	75.00%

Activity	Description	Biennium		Amount Maintained	Annual Demand Factor	Meas.	Desired Proposed		Target %
		Total	5,000,000 LF (946 Line Mi)				Service Level	Service Level	
T02	Bc Striping	273,397	5,000,000 LF (946 Line Mi)	Once per year	LM	946	425	44.93%	
T03	Pavement Legends	131,800	700 legends	Once per year	EA	700	700	100.00%	
T04	Delineation	43,071	700 Locations	As required	EA	700	500	71.43%	
T07	Sign Maintenance	76,605	4000 Locations	4 yr. Avg. Life	EA	1,000	1,000	100.00%	
T08	Pavement Markers	36,819	5400 existing (27 miles)	Replace 1 per 3 yrs (1800/Year)	EA	1,800	1,800	100.00%	
T11	Sign Installation	135,293	4000 Locations	As required	EA	525	525	100.00%	
T51	Traffic Regulations	41,838	As required	As required	HR	290	290	100.00%	
T52	Signals And Lighting	43,283	30 Locations	As Warranted	EA	30	30	100.00%	
T59	Other Traffic	15,874	As required	As required	HR	290	290	100.00%	
T70	Sign Inventory Program	48,915	5000 Locations	As required	HR	670	670	100.00%	
<b>Total Traffic Control</b>		<b>996,112</b>							
V01	Shoulder Spray	97,242	254 Acres	Once a year	SM	450	375	83.00%	
V02	Broadleaf Spray	74,462	As required	Once a year	SM	500	250	50.00%	
V03	Roadside Mowing	353,154	920 shoulder miles	Twice a year	SM	1,840	1,380	75.00%	
V04	Brush Removal	84,392	As required	As required	LF	10,000	10,000	100.00%	
V05	Tree Removal	35,554	As required	As required	EA	50	50	100.00%	
V06	Seed And Mulch	-	As required	As required	AC				
V07	Spot Spray	7,207	As required	As required	HR	40	40	100.00%	
V59	Other Vegetation	43,804	As required	As required	HR	300	300	100.00%	
<b>Total Vegetation Control</b>		<b>695,815</b>							
W07	Weed Control	16,589	As required	As required	HR				
W09	South Mountain Grant	33,288	As scheduled	As scheduled	HR				
W09	Miscellaneous Work	34,817	As scheduled	As scheduled	HR				
W09	Road Dist. Seals	43,336	As scheduled	As scheduled	HR				
W09	Clatsop Striping	73,607	As scheduled	As scheduled	HR				
W09	Corvallis Chip & Fog Seal	55,959	As scheduled	As scheduled	HR				
W09	Road District Striping	7,315	As scheduled	As scheduled	HR				
W09	Ridgewood Seal	17,055	As scheduled	As scheduled	HR				
W09	Public Grading @ Rock	41,656	As scheduled	As scheduled	HR				
W09	Crack Seal	28,559	As scheduled	As scheduled	HR				
W09	Lincoln Striping	30,850	As scheduled	As scheduled	HR				
W09	BLM Culverts	50,072	As scheduled	As scheduled	HR				
W09	OSU Culvert	99,494	As scheduled	As scheduled	HR				
W09	Misc. Striping	69,039	As scheduled	As scheduled	HR				
W09	Blair Creek Culvert	65,389	As scheduled	As scheduled	HR				
W09	Box Creek Culvert	85,050	As scheduled	As scheduled	HR				
W09	Trout Creek Culvert	70,735	As scheduled	As scheduled	HR				
W13	Corvallis Stripe	52,986	As scheduled	As scheduled	HR				
W14	Sign Work-Others	21,714	As scheduled	As scheduled	HR				
<b>Total Work for Other Agencies</b>		<b>897,510</b>							
		<b>7,375,151</b>							

**N/A**  
**Estimated work for**  
**outside agencies**



**Work Plan  
Public Works Department  
2007-2009 Biennium**

**Division:** Road  
**Program:** Bridge

**Program Manager:** Jim Stouder  
**Program Expense:** \$ 446,244

**Description:** Based on State and Federal guidelines, bridges are maintained and managed to meet operational criteria and weight limits. This is monitored by a biennial inspection. The county currently has one bridge closed to vehicle traffic during the winter season and three bridges posted with weight limits. All county maintained bridges receive varying levels of routine maintenance during the fiscal year. In this biennium, two wooden bridges will be replaced with concrete bridges by using recycled pre-stressed concrete decks purchased from an OTEA project. The bridge program has incorporated Oregon Department of Transportation Best Management Practices (BMP).

**Trends:**

**1. Bridge surfacing:**

This biennium resurfacing of bridges has been eliminated. Resurfacing was scheduled around the chip seal program with nearby bridges to maximize efficiencies with locations and schedules. The chip seal program was cut to a few oil mats making the process not cost effective.

**2. Bridge rehabilitation.**

Starting in 2006 we started rehabilitating one bridge a year (approximately 10 bridges on the list) that are located on roads with limit truck traffic. By rebuilding instead of repairing the small bridges, we prolong the operational life and reduce maintenance cost over time. This will help keep our replacement list down and our posted weight limit bridges at a minimum.

Activity Code	Activity Description	Unit Type	# Units	Cost
B01	Minor Bridge Maintenance	Each	103	\$ 96,299
B03	Maintain Culverts > 5ft.	Each	4	\$ 14,028
B07	Bridge Approach Repair	Each	52	\$ 20,329
B20	Major Structure Repairs	Each	8	\$ 115,438
B20	Stow Pit Bridge (07-08)	Each	1	\$ 67,051
B20	Hoskins Bridge (08-09)	Each	1	\$ 72,035
B59	Other Structure Repairs	Each	200	\$ 45,426
B74	Bridge Inspection	Each	8	\$ 15,638

**Work Plan  
Public Works Department  
2007-2009 Biennium**

**Division:** Road  
**Program:** Drainage

**Program Manager:** Jim Stouder  
**Program Expense:** \$ 775,112

**Description:** The drainage program manages drainage problems that are associated with ditching and culverts. The drainage program is responsible for installing new culverts, including culverts for improving fish habitat. The program uses three types of ditching styles: grader ditching, limited haul-away ditching, and excavator ditching. By using all three styles of ditching, ditching production is maximized and less dirt placed in waste areas. The drainage program incorporates Oregon Department of Transportation Best Management Practices. (BMP)

**Trends:**

**1. Small Culvert replacement is increasing.**

The small culvert system (3-feet and less) are coming to the end of maintenance life. We are working hard to bring the system back to an acceptable level by replacing or relining the culverts.

**2. Increase re-vegetation.**

Increasing our erosion control measures enables our drainage program to comply with the Clean Water Act and the Endanger Species Act.

**3. Ditch Maintenance.**

To meet clean water and endangered species standards, ditching in the winter has been moved to spring and early fall. We are improving production, by changing from excavator ditching to grader and limited haul-away ditching. Grader ditching is faster and moves less material. Limited haul-away ditching puts the material on the back slope and requires less manpower. Grant projects in this budget have overlapped into grader ditching. The grader ditching maintenance has been limited in this budget. Using new technology, we can keep our production high while meeting environmental regulation requirements.

Activity Code	Activity Description	Unit Type	# Units	Cost
D01	Drott Ditching	Miles	14	\$ 65,278
D02	Rotary Ditching	Miles	140	\$ 38,356
D03	Grader Ditching / shape	Miles	6	\$ 9,505
D06	Beaver Dams	Each	312	\$ 40,208
D11	Culvert & Basin Cleaning	Each	1600	\$122,332
D12	Curb & Gutter Cleaning	Miles	114	\$ 19,758
D21	Culvert Repair or Replacement	Lineal Foot	3000	\$161,128
D31	Erosion Control	Square Yard	5400	\$ 18,461
D59	Other Drainage	Hours	400	\$ 95,976
D65	Peterson Culvert (07-08)	Each	1	\$ 67,794
D65	Decker Rd. Culvert (07-08)	Each	1	\$ 65,102
D65	Gellatly Way Culvert (08-09)	Each	1	\$ 71,214



**Work Plan  
Public Works Department  
2007-2009 Biennium**

**Division:** Road  
**Program:** Gravel Surface

**Program Manager:** Kent Mahler  
**Program Expense:** \$ 840,169

**Description:** The Road Maintenance Division maintains 190 miles of gravel-surfaced roads. Maintenance activities occur principally from September to May each year, with the exception of June applications of dust control material. The purpose of this program is to maintain proper drainage, quality of ride, and maintenance of the road structure.

**Trends:** Costs are expected to vary depending on weather and traffic loading. Continual reductions in funding has eliminated the stabilization program and reduced surface rock replacement by 50%. With the reduction in surface rock, structural failure of the roadway will eventually occur.

<b>Activity Code</b>	<b>Activity Description</b>	<b>Unit Type</b>	<b># Units</b>	<b>Cost</b>
G01	Road Grading	Miles	1,200	\$ 268,906
G02	Surface Rock Replacement	Tons	24,000	\$ 413,540
G21	Contract Grading	Miles	0	\$ 0
G22	Contract Rock Hauling	Tons	0	\$ 0
G40	Dust Control	Miles	66	\$ 151,627
G50	Gravel Road Stabilization	Miles	0	\$ 0
G59	Other Gravel Road	Hours	75	\$ 3,625
G70	Gravel Road Support	Hours	30	\$ 2,471



**Work Plan  
Public Works Department  
2007-2009 Biennium**

**Division:** Road  
**Program:** Paths/Bikeways

**Program Manager:** Kent Mahler  
**Program Expense:** \$200,789

**Description:** The Road Maintenance Division maintains 40 miles of paved and gravel surfaced bike paths and paved shoulders. These activities are consistent with those activities on pave surfaced roads.

**Trends:** Maintain current activity levels.

<b>Activity Code</b>	<b>Activity Description</b>	<b>Unit Type</b>	<b># Units</b>	<b>Cost</b>
P01	Bike Path Patching	Hole	60	\$ 636
P02	Level Patching	Square Yard	5200	\$ 27,975
P03	Crack Sealing	Miles	20	\$ 19,775
P04	Delineation	Each	50	\$ 7,039
P05	Sweeping	Pass Mile	1800	\$ 69,240
P06	Mowing	Shoulder Miles	90	\$ 7,492
P07	Striping	Miles	96	\$ 28,214
P08	Pavement Legend Painting	Each	400	\$ 11,677
P09	Sign Installation/Repair	Each	20	\$ 3,840
P59	Other Bike Path Maintenance	Hours	130	\$ 24,901

**Work Plan  
Public Works Department  
2007-2009 Biennium**

**Division:** Road

**Program Manager:** Jim Stouder  
Laurie Starha  
Kent Mahler

**Program:** Roadside

**Program Expense:** \$ 143,680

**Description:** Work performed on the edge of the road surface but within the right-of-way. Most of the work accrues after surface improvements have taken place such as chip seals and over-lays. Adopt-a-Road and litter patrol is part of this program. Currently, 48 miles are adopted with 24 groups.

**Trends:** Maintain current activity levels.

Activity Code	Activity Description	Unit Type	# Units	Cost
R01	Litter Pickup	SM	460	\$ 28,300
R02	Fence Repair	LF	1980	\$ 9,938
R03	Driveways	Each	40	\$ 44,054
R04	Mail Boxes	Each	40	\$ 10,119
R06	Road and Utility Permits	Hours	400	\$ 34,120
R59	Other Roadside	Hours	150	\$ 17,149

**Work Plan  
Public Works Department  
2007-2009 Biennium**

**Division:** Road  
**Program:** Spot Improvement

**Program Manager:** Kent Mahler  
**Program Expense:** \$ 378,992

**Description:** The Spot Improvement Program's purpose is to improve safety at specific locations. Included in this program is the restoration of existing failing oil-surfaced roads, basing and surfacing of gravel roads, improve intersection alignments and surfacing, improve impaired sight restrictions, improve or maintain railroad grade crossings.

**Trends:** As the maintenance cycle continues to be deferred for maintaining oil mat roads, cost increases can be expected. Oil mat roads are exceeding the levels at which routine maintenance is effective. With the continued deferral, these roads are approaching varying levels of costly reconstruction, consisting of resurfacing and major base repair. Currently budget reflects a 100% reduction in oil mat construction. Current budget reflect a 250% increase in maintenance activity to repair deteriorated railroad crossing within the county road system.

Activity Code	Activity Description	Unit Type	# Units	Cost
S01	Spot Improvement (intersection, etc)	Hours	2874	\$ 277,695
S02	Railroad Crossings	Each	54	\$ 101,297
S03	Oil Mat Surfacing	Miles	0	\$ 0

**Work Plan  
Public Works Department  
2007-2009 Biennium**

**Division:** Road

**Program Manager:** Kent Mahler  
Laurie Starha  
Jim Stouder

**Program:** Systems Management

**Program Expense:** \$ 370,051

**Description:** This program provides general road management, including inspection, evaluating the road system needs, and road maintenance process evaluations. Standby duty and service request response.

<b>Activity Code</b>	<b>Activity Description</b>	<b>Unit Type</b>	<b># Units</b>	<b>Cost</b>
A01	Standby duty	Hour	1200	\$ 167,348
A01MGT	Systems Management	Hour	1248	\$ 102,358
A02HBM	Service Requests	Hour	1260	\$ 100,345

**Work Plan  
Public Works Department  
2007-2009 Biennium**

**Division:** Road  
**Program:** Traffic Control

**Program Manager:** Kent Mahler  
**Program Expense:** \$996,112

**Description:** The Road Maintenance Division maintains approximately 7,000 signs. The traffic control program consists of the installation and maintenance of traffic control signs, painted center and edge lines, plastic and painted pavement markings (school crossings, arrows, crosswalks, etc.), curb painting for no parking zones, delineation, traffic signals, raised reflective pavement markers, road sign inventory and weigh master duties.

**Trends:** Material costs and overall available funding have reduced the striping program by 50% and sign maintenance program by 30%. The possibility of increased federal regulations for retro-reflectivity could further contribute to future budget complications in the road maintenance programs. These federal standards if enacted could more than double the sign and traffic marking program costs.

<b>Activity Code</b>	<b>Activity Description</b>	<b>Unit Type</b>	<b># Units</b>	<b>Cost</b>
T01	Sign Fabrication	Each	1500	\$149,217
T02	Line Striping	Line Miles	1700	\$273,397
T03	Pavement Legends	Locations-Each	2916	\$131,800
T04	Delineation	Each	1000	\$ 43,071
T07	Sign Maintenance	Each	2000	\$ 76,605
T08	Pavement Markers-Raised	Each	2810	\$ 36,819
T11	Sign Installation	Each	1050	\$135,293
T51	Traffic Regulations (Weight Master)	Hours	580	\$ 41,838
T52	Traffic Signals-Includes Flashing Lights	Each	60	\$ 43,283
T59	Other	Hours	180	\$ 15,874
T70	Sign Inventory Program	Hours	740	\$ 48,915

**Work Plan  
Public Works Department  
2007-2009 Biennium**

**Division:** Road  
**Program:** Vegetation

**Program Manager:** Laurie Starha  
**Program Expense:** \$695,815

**Description:** The Vegetation Program combines chemical applications, mechanical tools and manual activities to maintain a roadside system that is safe, clean, neat and attractive. The primary objective is to help ensure motorist and pedestrian/bicyclist safety while incorporating proper site distance, control of noxious weeds and removal of dangerous trees. Herbicide treatment is applied to right of way to reduce grasses on rock shoulders and noxious weeds. Herbicide application has remained steady. Benton County predominantly utilizes the County Corrections Work Crew to manually maintain areas around bridges and guardrails with the use of hand tools. Mowing operations will be performed year round on both hard surface and gravel road systems so that all shoulders are mowed twice per year. During the spring and early summer, mowing is limited to 3-6 feet so that most of the county is serviced.

**Trends:**

**1. Herbicide Application**

Labor hours will show a slight decrease in the next biennium due to staff reduction. Application of herbicide may also show a slight decline with continued development of BMP's and NPDES Phase II programs.

**2. Brush and Tree removal**

Due to the reduction in revenue, there will be an increase in labor intensive programs that typically occur during winter and early spring. This proactive measure will result in less emergency call outs during winter storm events, a safer work environment for emergency personnel and less storm related road closures.

<b>Activity Code</b>	<b>Activity Description</b>	<b>Unit Type</b>	<b># Units</b>	<b>Cost</b>
V01	Shoulder Spray-grass	Shoulder Miles	540	\$ 97,242
V02	Shoulder Spray-broadleaf	Shoulder Miles	410	\$ 74,462
V03	Mowing	Shoulder Miles	2760	\$353,154
V04	Brush Removal	Lineal Foot	2000	\$ 84,392
V05	Tree Removal	Each	50	\$ 35,554
V07	Spot Spray	Hours	80	\$ 7,207
V59	Other Roadside Maintenance	Hours	600	\$ 43,804

**Work Plan  
Public Works Department  
2007-2009 Biennium**

**Division:** Road

**Program Manager:** Kent Mahler  
Laurie Starha  
Jim Stouder

**Program:** Work for Others

**Program Expense:** \$897,510

**Description:** The Road Maintenance Program, in order to better optimize manpower and equipment for all public agencies, performs work for other public agencies, road district, public road groups and funded grant projects, which are unable to obtain services from other sources.

**Trends:**

Working for others will increase however grant projects in the future are predicted to decrease. As the demands on agency budgets increase, our departments could become more specialized. Trading specialized pieces of equipment and personnel may be used to relieve the strain on budgets.

<b>Activity Code</b>	<b>Activity Description</b>	<b>Unit Type</b>	<b># Units</b>	<b>Cost</b>
W07	Weed Control (Non-County Maintained)	Hours	180	\$ 16,589
W09	South Mountain Grant	Hours	160	\$ 33,288
W09	Miscellaneous Work	Hours	460	\$ 34,817
W09	Road District Seals	Hours	197	\$ 43,336
W09	Clatsop Striping	Hours	420	\$ 73,607
W09	Corvallis Chip and Fog Seals	Hours	220	\$ 55,959
W09	Road District Striping	Hours	40	\$ 7,315
W09	Ridgewood Seal	Hours	40	\$ 17,055
W09	Public Grading	Hours	400	\$ 41,656
W09	Crack Seal	Hours	260	\$ 28,559
W09	Lincoln Striping	Hours	305	\$ 30,850
W09	BLM Culverts	Hours	320	\$ 50,072
W09	OSU Culvert	Hours	630	\$ 99,494
W09	Miscellaneous Striping	Hours	220	\$ 69,039
W09	Blair Creek Culvert	Hours	180	\$ 65,389
W09	Box Creek Culvert	Hours	230	\$ 85,050
W09	Trout Creek Culvert	Hours	560	\$ 70,735
W13	Corvallis Striping	Hours	200	\$ 52,986
W14	Sign Work	Hours	220	\$ 21,714