



Yamhill County
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YAMHILL COUNTY BOARD OF COMMISSIONERS COVERSHEET

DATE: February 4, 2021
TO: Board of Commissioners
FROM: Mark Lago, Public Works Director
RE: Capital Improvement Projects (CIP) for 2021-22

BACKGROUND:

Capital Improvement Projects (CIP) for 2021-22 (formerly Maintenance Improvement Projects) has three sections: Overlays, Chip-seals, and Bridges

Overlays and chip-seals:

The County hired Capital Assets and Pavement Services (CAPS) this past summer to evaluate, inspect, and update the pavement management system for all paved roads in the County, which is approximately 410 miles.

This pavement management strategy is to design with a more cost-effective, "best-first" approach. The reasoning behind this philosophy is that it is better to treat roads with lower-cost, preventative maintenance treatments, such as chip and crack seals. This extends their life cycle before the road condition deteriorates to a state where it requires more costly rehabilitation and reconstruction treatments.

This report provides the County with a 5-year plan for maintaining and upgrading paved roads (See attachment CAPS Report – Maintain PCI (76))

The County's road system has a Pavement Condition Index (PCI) of 76 out of 100, which is in the good category. To maintain the PCI of 76 over a 5-year period the County will need to put approximately \$2.7 million per year into their paved roads by crack and chip seals, and overlays. Over the last 4 years the County average has been \$1.8 million for just overlays. This doesn't account for any preventative maintenance like crack sealing and chip-seals, which the County stopped doing many years ago. So, to maintain a possible goal of a PCI of 76 the County will resume doing chip-seal road projects as well as overlays. (See attached Overlay Projects and Chip, crack, & fog seal projects.)

B.O. 21-54

This pavement management system report does not account for any upgrading of gravel roads to paved roads. Upgrading gravel roads requires much more attention to the sub-base, shaping/profile, and drainage concerns which requires time, design and funds. Upgrading gravel roads to paved is a goal, but our bridges have been neglected for some time now and require upgrading and replacing ahead of upgrading gravel roads.

Bridges:

There are 133 bridges in the County and 78 are classified in the Condition State 4 – Severe category (the highest). This means during the structural review inspection; it was determined they have defects impacting strength or serviceability. This rating comes from the American Association of State Highway and Transportation Officials (AASHTO) manual. Most bridge inspections are performed every two years, though some are inspected every year.

Of the 78 bridges, 57 only need the guard rail replaced, while 21 need other repairs such as head walls, caps/beams, piles, and steel pan deck. Some of these repairs can be completed by the Public Works crew and others will need to be contracted out for the 2021-22 budget year (see attached Bridge projects).

The CIPs for 2021-22 were presented to the Road Improvement Advisory Committee (RIAC) at their January meeting. RIAC was in support of the proposal CIPs for 2021-22.

STAFF RECOMMENDATION:

Approve the Capital Improvement Projects (CIP) for 2021-22

FISCAL IMPACT:

Approximately \$4,800,000

ATTACHMENTS:

- CAPS Report - Maintain PCI (76)
- 2021-22 Overlay Projects
- 2021-22 Chip, Crack, and Fog Seal Projects
- 2021-22 Bridge Projects

Accepted by Yamhill County
Board of Commissioners on
2/4/2021 by Board Order
21-54

2021-2022 CIP Budget

Code
011-06-011-02 Capital Contract Services
Critical Bridge Repairs

1	Bridge replacement
2	Sub-structure repairs - Piling & Pile caps
3	Sub-structure repairs - Sheet pile for backwalls
4	Painting of Steel structures
5	Guard Rail work

MIP No.	Contract Type	Water Body/Carrier	BR No.	SF Rating	Load Rating	Inspection Frequency	Detour Length	ADT	Size	Construction	Engineering	Scope of work	Issues
1	RFP for Engineering	Deer Creek, Gopher Valley Rd @ MP 8.80	11822	49	None	12 Months	19.0 Miles	274	20.0' W x 32' L	\$ 550,000.00	\$ 192,500.00	Remove the existing steel girder and pan deck bridge. 32' x 20' wide. Replace bridge to mtc. 28' width with concrete slabs and new concrete abutment. Install approach guard rails. Temp. single lane bridge due to detour length. New approach guard rails	This Bridge has issues with steel deck. Deck does not appear to be welded to the girders. The pavement is cracked and spalled in both wheel lines at both abutments.
2	Design Build	Panther Creek, North Hill Road	11849	63.5	20 Ton	24 Months	6.0 Miles	477	25.0' W x 95' L	\$ 150,000.00	\$ 20,000.00	Replace pile caps for Bents 2-6 with steel caps. Pave bridge full width.	Bent 6 cap has been replaced Gopher road is a dead end road with about 10 houses beyond the bridge. Need to keep bridge partially open. Need to replace the wingwalls and head walls behind the piling on both sides. County to hire geotech prior to Design Build contract.
3	Design Build	Gedden Road, Stag Hollow	11703	77	None	24 Months	Dead End	10	20.0' W x 21' L	\$ 60,000.00	\$ 6,000.00	Steel Pile, Sheet pile for back and wing walls, steel cap	Remove slabs, install new sheet pile and wall cap, reset slabs. County to hire geotech prior to Design Build contract.
4	Design Build	Small Stream, SE Strongtown Rd	11824	40.3	None	12 Months	4.0 Miles	164	22.5' W x 21' L	\$ 120,000.00	\$ 8,000.00	Steel Pile, Sheet pile for back and wing walls, steel cap	Remove slabs, install new sheet pile and wall cap, reset slabs. County to hire geotech prior to Design Build contract.
5	Design Build	Muddy Creek, Muddy Valley Rd at MP 7.25	11727	83.7	None	24 Months	3.6 Miles	210	28' W x 27' L	\$ 120,000.00	\$ 8,000.00	Sheet Pile backwall, wall cap, and Wing Walls	County to hire geotech prior to Design Build contract.
6	Design Build	S. Fork Chehlem Ck, NE Ribbon Ridge Road	11660	67.6	None	24 Months	4.0 Miles	862	24' W x 19' L	\$ 60,000.00	\$ 8,000.00	Steel Pile, Sheet pile for back and wing walls, steel cap	Remove slabs, install new sheet pile and wall cap, reset slabs. County to hire geotech prior to Design Build contract.
7	Design Build	Chehlem Ck, NE Ribbon Ridge Road	11676	79.6	None	24 Months	5.0 Miles	890	24' W x 21' L	\$ 60,000.00	\$ 8,000.00	Steel Pile, Sheet pile for back and wing walls, steel cap	Remove slabs, install new sheet pile and wall cap, reset slabs. County to hire geotech prior to Design Build contract.
8	Design Build	Hannu Creek, Hendricks Road	11594	76.1	None	24 Months	N/A	2474	34' W x 56' L	\$ 45,000.00	\$ 5,000.00	Guard rail addition work	This 3 span bridge just east of Carton, in the city limits, keeps having the bridge rail hit.
9	RFP for Engineering	N. Yamhill River, Oak Ridge Rd at MP 6.02	11538	66.7	None	24 Months	N/A	119	21.7' W x 121.0' L	\$ 337,500.00	\$ 55,900.00	Entire sub-structure requires paint. Comply with spec section 00594.	Csf for approx. 15,000 sf of Steel girders. May want to have engineer put contract documents together for environmental elements
10	RFP for Engineering	Turner Creek, Pike Road	11517	65.9	None	24 Months	2.0 Miles	785	23.9' W x 42' L	\$ 164,250.00	\$ 35,000.00	Deck and girder painting, remove 9" of AC, Rip rap at Bent 2 north wingwall	Deck has to have the 9" of AC removed and grades adjusted down 2 inches on both approaches. Paint 1000' of steel decking, and 630' sf of girders
11	OOOT LBP	Deer Creek Park	11501							\$	\$ 35,000.00	Match for UDAP Grant for bridge replacement	
Base Bid Subtotals										\$ 1,666,750.00	\$ 380,500.00		
Total Construction and Engineering										\$	\$ 2,047,250.00		
Alternates Bridge Repairs													
A1	Design Build	S&H Creek, Riverbend Road	11632	66	None	24 Months	8.0 Miles	812	30.7' W x 20' L	\$ 800,000.00	\$ 15,000.00	Steel pile, Steel caps, guardrail work, and repaving	This 8 span bridge requires Timber pile and pile cap replacements. Project to use design/build to repair the bridge.
A2	Design Build	Ayers Creek, Laughlin Road	11706	69.9	None	24 Months	4.0 Miles	191	32' W x 21' L	\$ 225,000.00	\$ 10,000.00	Scour protection, piling and pile cap replacement	Replace Piles 1-3, 2-6, and 2-7.
A3	Design Build	Small Stream, Grand Island Loop	11882	63.8	Pending	24 Months	4.0 Miles	18	20.0' W x 30' L	\$ 200,000.00	\$ 10,000.00	2 span bridge needs new pile, backwall, etc. Could reuse the bridge slabs. No detour required	R&P, R&P needs replacement. Timber wing walls and piers are rotten. Need to be replaced. County to hire geotech prior to Design Build contract.
Alternate Subtotals										\$ 1,225,000.00	\$ 35,000.00		
Total Construction and Engineering										\$	\$ 1,260,000.00		
Total Construction and Engineering Base and Alternate										\$	\$ 3,307,250.00		

1/14/2021

F:\Common\007 MIP Projects\2021 MIP\2021-2022 CIP Worksheet for bridges

B.O. 21-54
Exhibit "A"

2021 MIP Projects

Chip, Crack, and Fog Seal

FC - A - Arterial >2000, C-Collector 2000-400, R-Rural <400

No.	Road Name	FC	Begin	End	Length (FT)	Width	Area (SF)	Rock Qty Tons	MIP Cost
1	Hendricks Road	A	Mineral Springs	Kuehne Road	13,305.0	22.0	292,710.0	487.9	\$ 90,740.10
2	Abbey Road	A	Co. Jurisdiction	Kuehne/Hendricks Intersection	18,324.0	20.0	366,480.0	610.8	\$ 113,608.80
3	Christensen Road	C	Begin Chip Seal	Hwy 18	7,565.0	20.0	151,300.0	252.2	\$ 46,903.00
4	Christensen Road	C	DeJong Road	Hwy 18	3,991.0	20.0	79,820.0	133.0	\$ 24,744.20
5	Hawn Creek Road	R	Gun Club Road	Hwy 99W	6,527.0	20.0	130,540.0	217.6	\$ 44,963.78
6	Laughlin Road	C	Woodland Loop	Ridge Road	8,009.0	20.0	160,180.0	267.0	\$ 55,173.11
7	Spring Hill Road	A	Laughlin Road	Fleet Road	5,062.0	20.0	101,240.0	168.7	\$ 31,384.40
8	Fleet Road	A	Springhill Road	Hwy 47	7,555.0	20.0	151,100.0	251.8	\$ 46,841.00
9	Upper Island Road	R	End FEMA overlay	End CR 475 New Overlay	6,425.0	18.0	115,650.0	192.8	\$ 35,851.50
10	Houser Road	R	Hwy 18	End of Pavement (542')	0.0	20.0	0.0	0.0	\$ -
11	Wilsonville Road	A	350' E of Daybreak Ct	Butteville Rd	8,276.0	22.0	182,072.0	303.5	\$ 56,442.32
12	Wilsonville Road	A	Butteville Rd	35505 Wilsonville Rd	17,750.0	22.0	390,500.0	650.8	\$ 121,055.00
13	Wilsonville Road	A	35505 Wilsonville Rd	County Line	4,660.0	20.0	93,200.0	155.3	\$ 28,892.00
14	Hopewell Road	C	Hopewell Road	State Hwy 153 (985')	0.0	20.0	0.0	0.0	\$ -
15	Red Hills Road	C	Hidden Springs Road	Sunnycrest Road	2,033.0	20.0	40,660.0	67.8	\$ 12,604.60
					109,482.0	Fe		3759.1	\$ 709,203.81
					20.7	CL Miles		16.75	\$ 62,964.70
					41.5	Lane Miles			\$ 772,168.51

Scope: County to provide Rock, traffic control, and stockpile Rock near project site
 Estimated Costs: **Good** 1 Layer of chip, with fog = \$3.00/SY
Worse 2 Layers with Scrub seal

Yamhill Co. to pre-sweep roads, Grader to cleaning edges in preparation for oil and chips, we purchase chips and haul rock to site.

2021 MIP Projects

2019 average at \$77.30/Ton
Est. unit cost increase = \$85/\$77.3 =10%

2" Overlays

FC - A- Arterial >2000, C-Collector 2000-400, R-Rural <400

Estimate Cost

No.	Road Name	FC	Begin	End	Length (FT)	Width	Area (SF)	Tons	Per Ton
								143 PCF	\$85
1	Albertson Road	C	MP 1.65	Chehalen Way	4,171.0	20.0	83,420.0	1,014.0	\$ 86,187.46
2	Bald Peak Road	C	Chehalen Drive	MP 6.07 Hwy 219	5,326.0	20.0	106,520.0	1,294.8	\$ 110,053.80
3	Kuehne Road	A	Abbey/Hendrick	Hwy 240	9,162.0	20.0	183,240.0	2,227.3	\$ 189,318.99
4	Alberstons Road	A	Chehalen Way	Balk Peak Road	2,662.0	20.0	53,240.0	647.1	\$ 55,006.24
5	Layfayett Hwy	A	Co. Jurisdiction	State Hwy 18	10,718.0	20.0	214,360.0	2,605.5	\$ 221,471.39
6	Hendricks Road	A	North 6th St.	Mineral Springs Road	5,529.0	20.0	110,580.0	1,344.1	\$ 114,248.49
7	Red Prairie Road	C	Polk Co. Line	Mill Creek Road	5,280.0	20.0	105,600.0	1,283.6	\$ 109,103.28
8	Briedwell Road	C	State Hwy 153	Box #19050	3,297.0	20.0	65,940.0	801.5	\$ 68,127.56
9	Fort Hill Road	C	Box 40015 (MP 0.70)	Box 42200 (MP 1.61)	8,502.0	20.0	170,040.0	2,066.8	\$ 175,681.08
10	Wyrnooski St S.	C	Begin Co Jurisdic.	Sandoz Road	5,037.0	36.0	181,332.0	2,204.1	\$ 187,347.69
11	Columbia Dr.	C	Chehalen Drive	Main/Crater St Intersection	1,260.0	20.0	25,200.0	306.3	\$ 26,036.01
12	Bell Road	C	Hwy 219	Zimri Drive	5,316.0	20.0	106,320.0	1,292.3	\$ 109,847.17
13	Pather Creek	R	Meadowlake Rd	Water Plant	21,900.0	12.0	262,800.0	3,194.3	\$ 271,518.39
					88,160.0	Ft		20,281.7	\$ 1,723,947.54
					16.7	Miles			

3" Overlay

No.	Road Name	Begin	End	Length (FT)	Width	Area (SF)	Tons	Per Ton
							143 PCF	\$85
14	Hopewell Highway	Hwy 153	Polk Co. Line	9,424.0	20.0	188,480.0	3,369.1	\$ 286,371.80
				1.8	Miles			

TOTAL OVERLAY MIP COST ESTIMATE \$ 2,010,319.34

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 12/03/2020

Scenario: (2) Maintain Current PCI (76)

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2021	\$2,700,000	25%	2023	\$2,700,000	25%	2025	\$2,700,000	25%
2022	\$2,700,000	25%	2024	\$2,700,000	25%			

Year: 2021

Road Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment PCI Before	PCI After	Cost	Rating	Treatment
RIBBON RIDGE RD	HWY 240	NORTH VALLEY RD	101	1	4.245	22	94.094	A	AC/AC	NW	68	68	100	\$109,254	54,612	MEDIUM AC OVERLAY (2 INCHES)
RIBBON RIDGE RD	NORTH VALLEY RD	END OF PAVEMENT	101	2	209	21	4,399	C	AC	NW	64	64	100	\$5,097	48,783	MEDIUM AC OVERLAY (2 INCHES)
BALD PEAK RD	CHEHALEM DRIVE	MP 6.07 HWY 219	103	4	5.326	20	106,520	C	AC	NW	62	62	100	\$123,682	50,119	MEDIUM AC OVERLAY (2 INCHES)
KUEHNE RD	E. ABBEY/HENDRICK S INT.	STATE HWY 240	11	2	9.162	20	183,240	A	AC/AC	NW	68	68	100	\$212,762	56,381	MEDIUM AC OVERLAY (2 INCHES)
ALBERTSON RD	CHEHALEM WAY	BALD PEAK RD	115	3	2.662	20	53,240	A	AC/AC	NW	65	65	100	\$61,818	59,735	MEDIUM AC OVERLAY (2 INCHES)
LAFAYETTE HWY	BEGIN CO JURISDICTION	STATE HWY 18	18	1	10.718	20	214,360	A	AC/AC	NW	67	67	100	\$248,896	57,110	MEDIUM AC OVERLAY (2 INCHES)
HENDRICKS RD	NORTH 6th ST. (CARLTON)	MINERAL SPRINGS RD	204	1	5.529	20	110,580	A	AC/AC	NW	68	68	100	\$128,396	55,293	MEDIUM AC OVERLAY (2 INCHES)
RED PRAIRIE RD	POLK CO LINE	MILL CREEK RD	23	1	5.280	20	105,600	C	AC/AC	NW	60	60	100	\$122,614	47,483	MEDIUM AC OVERLAY (2 INCHES)
BRIEDWELL RD	STATE HWY 153	BOX # 19050	34	1	3.297	20	66,940	C	AC	NW	62	62	100	\$76,564	50,116	MEDIUM AC OVERLAY (2 INCHES)
FORT HILL RD	BOX 40015 (M.P. 1.56)	BOX 42200 (M.P. 1.61)	404	3	8.502	20	170,040	C	AC	NW	62	62	100	\$197,436	50,119	MEDIUM AC OVERLAY (2 INCHES)
WYNOOSKI ST S	MP 0.70 BEG CO JURISDICTION	SANDOZ RD	47	1	5.037	36	181,332	C	AC	NE	60	60	100	\$210,547	51,278	MEDIUM AC OVERLAY (2 INCHES)
COLUMBIA DR	CHEHALEM DRIVE	MAIN/CRAFTER ST	58	1	1.260	20	25,200	C	AC	NE	64	64	100	\$29,260	49,689	MEDIUM AC OVERLAY (2 INCHES)
BELL RD	HWY 219	ZIMRI DRIVE	62	2	5.316	20	106,320	C	AC	NE	63	63	100	\$123,450	49,452	MEDIUM AC OVERLAY (2 INCHES)
				Treatment Total												
HOPEWELL RD	HWY 153	POLK CO LINE	6	7	9.424	20	188,480	A	AC/AC	NW	47	47	100	\$287,956	58,811	THICK AC OVERLAY (3 INCHES)
				Treatment Total												
HENDRICKS RD	MINERAL SPRINGS RD	KUEHNE RD INTERSECTION	1	1	13.305	22	292,710	A	AC/AC	NW	73	73	82	\$95,944	93,361	CHIP CRACK, AND FOG SEAL
ABBEY RD	BEGIN COUNTY JURISDICTION	KUEHNE/HENDRI CKS INTER.	11	1	18.321	20	370,240	A	AC/AC	NW	83	83	90	\$121,357	82,997	CHIP CRACK, AND FOG SEAL
CHRISTENSEN RD	BEGIN CHIP SEAL	DEJONG RD.	15	2	7.666	20	151,300	C	AC/AC	NW	76	76	84	\$49,593	77,453	CHIP CRACK, AND FOG SEAL
CHRISTENSEN RD	DEJONG RD.	HWY 18	15	3	3.991	20	79,820	C	AC/AC	NW	74	74	83	\$26,164	72,442	CHIP CRACK, AND FOG SEAL
HAWN CREEK RD	GUIN CLUB RD	HWY 99W	201	1	6.527	20	130,540	R	ST	NW	61	61	100	\$42,789	54,786	CHIP CRACK, AND FOG SEAL

** - Treatment from Project Selection

Scenarios Criteria:

SS102B

MTC StreetsSaver

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 12/03/2020

Scenario: (2) Maintain Current PCI (76)

Year: 2021	Road Name	Begin Location	End Location	Street ID	Section ID	Length	Wrth	Area	FC	Surf Type	Area ID	Current PCI	Treatment			Cost	Rating	Treatment
													PCI Before	PCI After	PCI			
	LAUGHLIN RD	WOODLAND LOOP	RIDGE ROAD	275	2	8,009	20	160,180	C	AC/AC	NW	76	76	76	84	\$52,504	79,843	CHIP, CRACK, AND FOG SEAL
	SPRING HILL RD	LAUGHLIN RD	FLETT RD	4	6	5,062	20	101,240	A	AC/AC	NW	77	77	77	85	\$33,185	105,617	CHIP, CRACK, AND FOG SEAL
	FLETT RD	SPRINGHILL RD	HWY 47	4	7	7,555	20	151,100	A	AC/AC	NW	81	81	81	89	\$49,528	92,391	CHIP, CRACK, AND FOG SEAL
	UPPER ISLAND RD	END FEMA OVERLAY	END OR 475 NEW OVERLAY	476	3	6,425	18	115,650	R	ST	NW	61	61	61	100	\$37,908	69,539	CHIP, CRACK, AND FOG SEAL
	HOUSER RD	HWY 18 (Business)	END OF PAVEMENT	477	1	542	20	10,840	R	AC	AC	68	68	68	77	\$3,554	47,900	CHIP, CRACK, AND FOG SEAL
	WILSONVILLE RD	350 E OF DAYBREAK CT	BUTTEVILLE RD	5	2	8,276	22	182,072	A	AC/AC	NE	79	79	79	87	\$59,680	98,124	CHIP, CRACK, AND FOG SEAL
	WILSONVILLE RD	BUTTEVILLE RD	#35505 DRIVEWAY	5	3	17,750	22	390,500	A	AC/AC	NE	78	78	78	86	\$127,998	95,598	CHIP, CRACK, AND FOG SEAL
	WILSONVILLE RD	#35505 DRIVEWAY	CLACKAMAS CO	5	4	4,680	20	93,200	A	AC/AC	NE	81	81	81	89	\$30,549	105,125	CHIP, CRACK, AND FOG SEAL
	HOPWELL RD	HOPWELL RD	STATE HWY 153	6S	1	985	20	19,700	C	AC/AC	NW	81	81	81	89	\$8,458	91,750	CHIP, CRACK, AND FOG SEAL
	RED HILLS RD	HIDDEN SPRINGS RD	SUNNYCREST RD	END NEW/AC	RD	75	2,033	40,660	C	AC/AC	NW	80	80	80	88	\$13,328	78,774	CHIP, CRACK, AND FOG SEAL
	TURNER CR RD	TUPPER ROAD	END OF PAVEMENT	20	2	17,592	20	351,940	C	AC/AC	NW	76	76	76	78	\$1,546	1,150,215	SEAL CRACKS
	YAMHILL RD	300 FT S OF FRYER RD	COOPER LN	214	1	3,339	20	66,780	R	AC	NW	89	89	89	90	\$110	1,033,845	SEAL CRACKS
	YAMHILL RD	COOPER LN	HWY 240	214	2	5,317	20	106,340	R	ST	NW	80	79	81	\$416	545,226	SEAL CRACKS	
	SITTON RD	HILL RD NORTH	WESTSIDE RD	222	1	4,805	20	98,100	R	ST	NW	82	81	82	\$370	89,574	SEAL CRACKS	
	SHELTON RD	HILL RD NORTH	WESTSIDE RD	223	1	5,284	20	105,280	R	ST	NW	82	81	82	\$406	390,227	SEAL CRACKS	
	HIGH HEAVEN RD	BAKER CREEK RD	END OF OIL	229	1	4,283	20	85,650	R	ST	NW	75	75	77	\$324	697,455	SEAL CRACKS	
	RUSSELL CREEK RD	HWY 47	END OF PAVMT	259	1	10,547	20	210,940	R	AC/AC	NW	80	80	82	\$711	1,155,628	SEAL CRACKS	
	RIDGE RD	BEGIN E-9	FLETT ROAD	274	2	1,819	20	32,380	R	ST	ST	78	78	80	\$127	485,003	SEAL CRACKS	
	MODAFFARI RD	HENDRICKS	END OF PAVEMENT	305	1	1,584	14	22,176	R	ST	NW	82	81	82	\$86	89,574	SEAL CRACKS	
	EARLYWOOD RD	WILSONVILLE RD	KRAMIEN RD	40	1	6,758	21	141,926	R	AC/AC	AC/AC	79	79	81	\$517	1,228,177	SEAL CRACKS	
	TENBUSH LN	FORT HILL RD	ALLEN LN	405	1	3,637	20	72,740	R	ST	NW	75	75	77	\$275	664,505	SEAL CRACKS	
	WILLAMINA CREEK RD	MP 0.00 COAST CREEK RD	MP 0.69 EAST CREEK RD	410	1	3,643	20	72,860	R	ST	NW	82	81	82	\$281	89,574	SEAL CRACKS	
	CANYON RD	MP 0.68 BEGIN CO JURISDICTION	END OF PAVEMENT	419	1	863	18	15,534	R	ST	NW	82	81	82	\$60	459,131	SEAL CRACKS	
	REDMOND HILL RD	225 FT W OF MALLARD ST	REDMOND HILL	436	1	1,633	18	29,394	R	AC/AC	AC/AC	77	77	79	\$122	1,143,446	SEAL CRACKS	
	PERRYDALE RD	POLK CO LINE	MCKEE ROAD	443	1	6,986	20	133,920	R	AC/AC	NW	74	74	77	\$635	1,057,722	SEAL CRACKS	
	BURNS RD	HWY 233	WATTESON RD	450	1	3,090	18	55,620	R	AC	NW	79	79	81	\$207	1,062,176	SEAL CRACKS	

Treatment Total \$750,539

** - Treatment from Project Selection

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 12/03/2020

Scenario: (2) Maintain Current PCI (76)

Year: 2021

Road Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment PCI Before	Treatment PCI After	Cost	Rating	Treatment
TELEGRAPH RD	STAR QUARRY RD	WHITSON RD	452	17	822	21	13,062	R	AC	NW	80	80	82	\$46	779,420	SEAL CRACKS
VALMUNT HILL RD	STAR QUARRY RD	END OF NEWAC	462	1	13,793	20	274,660	R	AC/AC	NW	75	75	77	\$1,259	843,907	SEAL CRACKS
LOWER ISLAND RD	GRAND ISLAND	END OF PAVMNT	473	1	9,418	18	169,524	R	ST	NW	80	80	81	\$661	472,815	SEAL CRACKS
UPPER ISLAND RD	END OR 475 NEW	GRAND ISLAND	476	4	1,167	20	23,340	R	ST	NW	82	81	82	\$90	459,131	SEAL CRACKS
MTN HOME RD	MILEPOST 0.5290	WASHINGTON COUNTY LINE	51	2	3,092	19	58,178	R	AC/AC		73	73	76	\$285	1,040,668	SEAL CRACKS
INGRAM LN	OAK RD	END	569	1	5,366	20	107,720	R	AC		87	87	88	\$228	1,281,054	SEAL CRACKS
RED HILLS RD	BEGIN NEWAC	FAIRVIEW DRIVE	75	3	6,167	16	98,672	C	AC/AC		87	87	88	\$51	8,548,345	SEAL CRACKS
ROCK CREEK RD	HWY 18B	MP 2	8	1A	10,520	20	210,400	C	AC/AC	NW	80	80	82	\$713	1,402,180	SEAL CRACKS
ARCHERY SUMMIT RD	HWY 18	BREYMAN ORCHARDS RD	82	3	9,662	21	202,902	R	AC		89	89	90	\$334	893,889	SEAL CRACKS
DUNWAY RD	STOLLER RD	PRIVATE RD.	85	1	9,134	20	182,680	R	ST	NW	75	75	77	\$690	924,509	SEAL CRACKS
WORDEN HILL RD	WORDEN HILL	WORDEN HILL	95	3	10,613	20	212,260	R	AC		76	76	78	\$922	778,965	SEAL CRACKS

Treatment Total \$11,472

Year 2021 Area Total 7,051,975 Year 2021 Total \$2,699,743

Year: 2022

Road Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment PCI Before	Treatment PCI After	Cost	Rating	Treatment
BALD PEAK RD	MP 0.00 WASHINGTON CO LINE	END CHIP SEAL(KINGS GRADE)	103	1	11,283	20	225,680	C	AC	NW	68	65	100	\$269,877	46,589	MEDIUM AC OVERLAY (2 INCHES)
BALD PEAK RD	MP 1.6500 ROAD	CHEHALEM WAY	103	2	9,013	20	180,260	C	AC	NW	68	65	100	\$215,581	46,591	MEDIUM AC OVERLAY (2 INCHES)
ALBERTSON RD	MP 1.6500	CHEHALEM WAY	115	2	4,171	20	83,420	C	AC/AC		62	60	100	\$69,766	45,738	MEDIUM AC OVERLAY (2 INCHES)
DAYTON AV	HWY 99W	MP 1.36 CITY OF NEWBERG	119	1	7,215	20	144,300	C	AC	NW	66	63	100	\$172,575	46,810	MEDIUM AC OVERLAY (2 INCHES)
MOORES VALLEY RD	LIVE STREET	PUDDY GULCH RD	14	1	17,212	20	344,240	C	AC	NW	67	64	100	\$411,692	47,291	MEDIUM AC OVERLAY (2 INCHES)
WILLIAMSON RD	DUDLEY RD (G.R. 72)	STATE HWY 240	172	1	3,009	22	66,198	A	AC		71	69	100	\$79,170	50,667	MEDIUM AC OVERLAY (2 INCHES)
BALLSTON RD	POLK CO LINE	BEGIN NEW PAVAMENT	24	1	12,596	20	251,920	C	AC	NW	64	61	100	\$301,283	49,259	MEDIUM AC OVERLAY (2 INCHES)
WHITSON RD	HWY 223	TELEGRAPH RD	34	6	771	20	15,420	C	AC	NW	67	64	100	\$18,442	47,291	MEDIUM AC OVERLAY (2 INCHES)
RED HILLS RD	SUNNYCREST RD	ST. HWY 240	71	1	5,369	20	107,380	C	AC	NW	66	63	100	\$128,421	47,974	MEDIUM AC OVERLAY (2 INCHES)
BAKER CREEK RD	ORCHARD VIEW RD.	HIGH HEAVEN RD.	9	2	8,448	20	168,960	C	AC/AC	NW	63	61	100	\$202,067	45,909	MEDIUM AC OVERLAY (2 INCHES)

** - Treatment from Project Selection

3

MTC StreetSaver

Scenarios Criteria:

SS1026

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 12/03/2020

Scenario: (2) Maintain Current PCI (75)

ROAD NAME	TYPE	LENGTH	WIDTH	POSTING	STATUS	SEAL	CRACK	FOG	Treatment Total	Cost	Material	Notes				
GRAND RONDE RD	POLK CO LINE	402	22	1	1,300	20	26,000	C	AC/AC	NW	36	32	100	\$40,914	43,637	THICK AC OVERLAY (3 INCHES)
Treatment Total										\$1,898,874						
CALKINS LN	MP 0.00 NORTH VALLEY	110	22	1	14,240	17	242,080	R	AC	NW	70	69	78	\$61,729	46,586	CHIP CRACK AND FOG SEAL
LAFFERN LN	FOX FARM RD	175	22	1	2,324	20	46,480	R	AC/AC	NW	78	77	85	\$15,693	62,665	CHIP CRACK AND FOG SEAL
MEADOWLAKE RD	PUDDY GUCH (C.R.#236)	2	22	6	13,455	20	269,300	C	AC/AC	NW	78	77	85	\$90,919	70,865	CHIP CRACK AND FOG SEAL
PIKE RD	GERRISH VALLEY TUPPER RD (C.R.#14)	20	22	1	17,671	20	353,420	C	AC/AC	NW	86	85	92	\$119,319	64,622	CHIP CRACK AND FOG SEAL
DEJONG RD	CHRISTENSEN RD BRIDGE	25	22	1A	4,510	22	99,220	C	AC/AC	SW	73	72	81	\$33,498	66,999	CHIP CRACK AND FOG SEAL
DEJONG RD	FROM BRIDGE	25	22	1B	4,929	20	98,580	C	AC/AC	SW	79	78	86	\$33,282	68,101	CHIP CRACK AND FOG SEAL
WOODLAND LOOP RD	MP 1	276	22	2	15,682	20	313,640	R	AC	NW	74	73	82	\$105,889	62,446	CHIP CRACK AND FOG SEAL
GRANDHAVEN DR DR	CITY LIMITS	317	22	1	1,312	20	26,240	R	AC	NW	77	76	84	\$8,859	60,972	CHIP CRACK AND FOG SEAL
WHEATLAND RD	STATE HWY 221 WALLACE RD	36	22	1	5,914	22	130,108	C	AC/AC	NW	74	73	81	\$43,926	68,668	CHIP CRACK AND FOG SEAL
STILLERS MILL RD	HWY 47	363	22	2	378	20	7,560	R	AC/AC	NW	82	81	89	\$2,553	57,316	CHIP CRACK AND FOG SEAL
FORT HILL RD	WILLAMINA CREEK RD	404	22	1	2,637	20	52,740	C	AC	NW	81	80	87	\$17,906	62,445	CHIP CRACK AND FOG SEAL
AIRPORT RD	HWY 233	464	22	1	9,988	20	199,760	R	AC	NW	82	81	89	\$67,442	67,877	CHIP CRACK AND FOG SEAL
ALIGNMENT																
ALDERMAN RD	END NEWAC (KIMSEY RD.)	469	22	2	4,280	20	85,600	A	AC	NW	81	79	87	\$26,900	64,157	CHIP CRACK AND FOG SEAL
SAUTER RD	OLDSVILLE RD	531	22	2	243	20	4,860	R	AC	NW	82	81	88	\$1,641	36,283	CHIP CRACK AND FOG SEAL
UNIONVALE RD	END OF GRAVEL HWY 221	570	22	1	2,988	20	59,760	R	AC	NW	80	79	87	\$20,176	62,062	CHIP CRACK AND FOG SEAL
CHEHALEM DR	CULLEN RD	67	22	1C	2,709	28	75,852	C	AC/AC	NE	76	75	83	\$25,509	66,745	CHIP CRACK AND FOG SEAL
NIEDERBERGER RD	WARREN RD	76	22	1	2,709	22	59,598	R	AC/AC	NW	77	76	84	\$20,121	59,110	CHIP CRACK AND FOG SEAL
FOSTER RD	FLETCHER RD	89	22	1	4,382	20	87,640	R	AC/AC	NW	87	87	93	\$29,589	64,155	CHIP CRACK AND FOG SEAL
FAIRVIEW DR	RED HILLS RD	96	22	3	1,795	20	35,900	C	AC/AC		82	81	88	\$12,121	62,435	CHIP CRACK AND FOG SEAL
Treatment Total										\$759,072						
LONE OAK NORTH RD	99W WEST BND LN	200	22	2	2,375	18	42,750	R	AC/AC	NW	82	81	82	\$140	1,286,778	SEAL CRACKS
ORCHARD VIEW RD	MP 0.00 PHEASANT HILL RD N	327	22	1	3,853	20	77,060	R	AC	NW	90	89	90	\$134	1,714,439	SEAL CRACKS

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00% Inflation: 3.00% Printed: 12/03/2020

Scenario: (2) Maintain Current PCI (76)

Year: 2023	Road Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment							
													PCI Before	PCI After										
	HILL RD SOUTH RD	2ND ST	PEAVINE RD	35	1	7,920	20	158,400	C	AC/AC	NW	94	88	89	\$53	10,544,986	SEAL CRACKS							
	COAST CREEK RD	WILLAMINA CREEK RD.	GILBERT CREEK RD.	407	1	6,664	20	133,280	C	AC/AC	NW	94	88	88	\$54	8,819,842	SEAL CRACKS							
	CORRAL CR RD	CORRAL CK/RENNE RD INTERSECT	U.S. HWY 99W	45	2	7,199	20	143,980	C	AC/AC	NE	94	88	88	\$58	6,619,842	SEAL CRACKS							
	MTN HOME RD	BELL RD	MILBPOST 0.5290	51	1	2,798	16	44,768	R	AC	NW	94	89	89	\$83	1,562,733	SEAL CRACKS							
	COLLEGE ST S	WEATHERLY WY	WATERFRONT ST	65	1A	318	32	10,176	R	AC	NE	95	89	90	\$19	572,329	SEAL CRACKS							
	CHEHALEM DR	FOOTHILLS DR	NORTH VALLEY RD	67	1B	2,060	20	41,200	C	AC/AC	NE	93	87	88	\$22	6,747,491	SEAL CRACKS							
												Treatment Total			\$1,433									
												Year 2023 Area Total			5,622,577			Year 2023 Total			\$2,699,129			

Year: 2024

Year: 2024	Road Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment	
													PCI Before	PCI After				
	WORDEN HILL RD	WARREN RD/POWELL HILL (CITY LIMITS)	REDHILLS DR	12	1	2,235	20	44,700	C	AC	NW	76	68	100	\$56,715	41,600	MEDIUM AC OVERLAY (2 INCHES)	
	HARMONY RD	POLK CO LINE	HWY 18	13	1	1,550	20	31,000	C	AC	NW	75	67	100	\$39,333	42,466	MEDIUM AC OVERLAY (2 INCHES)	
	GRAND ISLAND RD	UPPER ISLAND RD	DUKES LANDING RD INT.	29	3	2,622	20	52,440	R	AC	NW	65	60	100	\$62,715	42,033	MEDIUM AC OVERLAY (2 INCHES)	
	BUCK HOLLOW RD	WILLAMINA CREEK RD	ROCK CREEK RD	31	1	7,363	20	147,260	C	AC	NW	75	67	100	\$186,841	42,466	MEDIUM AC OVERLAY (2 INCHES)	
	FORT HILL RD	BOX 42200 (M.P. 1.61)	POLK COUNTY LINE	404	4	9,776	20	195,520	C	AC	NW	73	65	100	\$248,072	44,095	MEDIUM AC OVERLAY (2 INCHES)	
	PEAVINE RD	YOUNGBERG HILL RD	POWERHOUSE HILL RD	430	1	27,056	20	541,120	C	AC/AC	NW	68	61	100	\$696,561	43,283	MEDIUM AC OVERLAY (2 INCHES)	
	PEAVINE RD	YOUNGBERG HILL RD	OLD SHERIDAN RD	434	1	9,229	21	193,809	C	AC	NW	74	66	100	\$245,901	44,070	MEDIUM AC OVERLAY (2 INCHES)	
	LEANDER DR	BELL RD	WASHINGTON CO LINE	50	1	5,498	20	109,960	R	AC	NW	66	61	100	\$131,505	41,333	MEDIUM AC OVERLAY (2 INCHES)	
	ZIMRI DR	MOUNTAIN VIEW DRIVE	BELL RD	56	1	4,923	20	98,460	C	AC	NE	75	68	100	\$124,924	41,966	MEDIUM AC OVERLAY (2 INCHES)	
												Treatment Total			\$1,782,567			
	WEST SIDE RD	POVERTY BEND RD	SHELTON RD	21	2	4,910	20	98,200	A	AC	NW	56	47	100	\$163,940	53,566	THICK AC OVERLAY (3 INCHES)	
	HILLSIDE DR	MP 2.17	MP 2.27 CHEHALEM DRIVE	102	1	528	20	10,560	R	AC	NW	73	68	77	\$3,783	36,579	CHIP CRACK, AND FOG SEAL	
												Treatment Total			\$163,940			

** - Treatment from Project Selection Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 12/03/2020

Scenario: (2) Maintain Current PCI (76)

Year: 2024

Road Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment PCI Before	Treatment PCI After	Cost	Rating	Treatment	
SPRING HILL RD	MP 0.00 FLETT RD	MP 0.69 WASHINGTON WASHINGTON CO LINE	116	1	3.698	20	73.960	C	AC	NW	87	81	89	\$26,491	46,472	CHIP CRACK, AND FOG SEAL	
HEMLOCK PL	ILAFERN LANE	CUL DE SAC	177	1	241	20	4,820	R	AC/AC	NW	88	84	90	\$1,727	36,863	CHIP CRACK, AND FOG SEAL	
MEADOW LAKE RD	SOUTH CUNNINGHAM STREET	WESTSIDE RD	2	1	5,233	20	104,660	A	AC/AC	NW	92	89	95	\$37,467	76,713	CHIP CRACK, AND FOG SEAL	
ADCOCK RD	PIKE RD	HOUSE #20700	282	2	7,161	20	143,220	R	AC/AC	NW	78	74	83	\$51,298	47,225	CHIP CRACK, AND FOG SEAL	
WOODLAND LOOP RD	HWY 240	MP 1	276	1	5,280	20	105,600	R	AC/AC	NW	91	89	94	\$37,623	44,538	CHIP CRACK, AND FOG SEAL	
STRINGTOWN RD	STATE HWY 221	WEBFOOT RD	32	1A	7,540	20	150,800	A	AC	NW	92	84	91	\$54,013	49,935	CHIP CRACK, AND FOG SEAL	
STILLERS MILL RD	HWY 240	HWY 47	363	1	3,131	20	62,620	R	AC/AC	NW	76	72	81	\$22,429	45,660	CHIP CRACK, AND FOG SEAL	
CHERRY HILL RD	BOX #21605	END 2000 CHIP SEAL	420	2	6,411	20	128,220	R	AC/AC	NW	81	77	85	\$45,925	45,035	CHIP CRACK, AND FOG SEAL	
LOGANBERRY LN	END 92 E-9	HWY 78	423	2	13,396	20	267,920	R	AC	NW	78	74	83	\$95,962	48,341	CHIP CRACK, AND FOG SEAL	
HAUGEN RD	U.S. HWY 99W	WASHINGTON CO LINE	43	1	12,260	18	220,680	R	AC/AC	NW	79	75	83	\$79,042	44,426	CHIP CRACK, AND FOG SEAL	
OLDVILLE RD	HWY 18	HWY 78	431	1	12,863	16	206,128	R	AC	NW	73	69	78	\$73,830	46,947	CHIP CRACK, AND FOG SEAL	
REDMOND HILL RD	225 FT W. OF WALLARD ST	REDMOND HILL 1,2700	436	1	1,633	18	29,394	R	AC/AC		77	76	84	\$10,529	43,542	CHIP CRACK, AND FOG SEAL	
PERRYDALE RD	POLK CO LINE	MCKEE ROAD	443	1	6,696	20	133,920	R	AC/AC	NW	74	73	82	\$47,967	43,812	CHIP CRACK, AND FOG SEAL	
STOCKHOF RD	HWY 154	STAR QUARRY RD	463	1	5,003	20	100,060	R	AC	NW	90	89	94	\$35,839	45,180	CHIP CRACK, AND FOG SEAL	
WILSONVILLE RD	ST HWY 219	360 E. OF DAYBREAK CT	5	1	1,566	25	39,150	A	AC/AC	NE	94	86	92	\$14,023	49,541	CHIP CRACK, AND FOG SEAL	
MTN HOME RD	MILEPOST 0.6290	WASHINGTON COUNTY LINE	51	2	3,062	19	68,178	R	AC/AC		73	72	81	\$20,838	43,708	CHIP CRACK, AND FOG SEAL	
CHEHALEM DR	NORTH VALLEY RD	BEGIN NEW AC	67	2	5,654	20	113,080	R	AC/AC	NW	89	86	93	\$40,503	46,715	CHIP CRACK, AND FOG SEAL	
WORDEN HILL RD	CRAFTREE PARK	END OF PAINT	95	2	6,562	20	131,240	C	AC	NW	94	88	94	\$47,007	43,323	CHIP CRACK, AND FOG SEAL	
HENDRICKS RD	MINERAL SPRINGS RD	KUJHNE RD INTERSECTION	1	1	13,305	22	292,710	A	AC/AC	NW	73	79	80	\$1,226	2,320,093	SEAL CRACKS	
RIBBON RIDGE RD	HWY 240	NORTH VALLEY RD	101	1	4,245	22	94,094	A	AC/AC	NW	68	86	87	\$110	2,505,526	SEAL CRACKS	
ABBEY RD	BEGIN COUNTY JURISDICTION	KUJHNE/HENDRI 11 OKS INTER.	11	1	18,321	20	370,240	A	AC/AC	NW	83	86	87	\$398	5,830,235	SEAL CRACKS	
														Treatment Total	\$746,516		

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 12/03/2020

Scenario: (2) Maintain Current PCI (76)

Year: 2024

Road Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
KUEHNE RD	E ABBEV/HENDRICK S INT.	STATE HWY 240	11	2	9.162	20	183,240	A	ACIAC	NW	68	66	87	\$214	2,505,526	SEAL CRACKS
ALBERTSON RD	CHEHALEM WAY	BALD PEAK RD	115	3	2,662	20	53,240	A	ACIAC		65	86	87	\$62	2,505,526	SEAL CRACKS
PARRETT MTN RD	KRAMIEN RD	1764 FT N. OF KRAMIEN RD	143	1	1,764	18	31,752	R	ACIAC	NW	92	88	88	\$12	8,490,124	SEAL CRACKS
PARRETT MTN RD	CORRAL CREEK	BEGIN CHIP SEAL (SMITH INT)	143	3	8,796	18	158,328	R	ACIAC	NW	92	88	88	\$57	8,490,124	SEAL CRACKS
PARRETT MTN RD	BEGIN CHIP SEAL (SMITH INT)	HAUGEN ROAD	143	4	6,130	18	110,356	R	ACIAC	NW	92	88	88	\$40	8,490,124	SEAL CRACKS
14TH ST	COLLEGE ST. (NEUBERG)	RIVER ST	160	1	1,052	20	21,040	R	ACIAC	NE	96	88	89	\$3	26,052,042	SEAL CRACKS
LAFAYETTE HWY	BEGIN CO JURSDICTION	STATE HWY 18	18	1	10,718	20	214,360	A	ACIAC	NW	67	86	87	\$250	2,505,526	SEAL CRACKS
BREYMAN ORCHARD RD	ARCHERY SUMMIT INT.	ENTRANCE TO QUARRY	182	1	2,376	18	42,768	R	ACIAC		94	88	88	\$18	6,978,148	SEAL CRACKS
HENDRICKS RD	NORTH 6th ST. (CARLTON)	MINERAL SPRINGS RD	204	1	5,529	20	110,580	A	ACIAC	NW	68	86	87	\$129	2,505,526	SEAL CRACKS
BERRY CR RD	WILLIS RD	1000' W. OF WILLIS RD	228	1	1,000	16	16,000	R	AC		94	87	88	\$37	1,175,793	SEAL CRACKS
OLSON RD	CANTONVIEW RD	BEGIN CHIP SEAL	271	1	7,333	20	146,660	R	ACIAC	NW	94	88	88	\$50	6,978,148	SEAL CRACKS
OLSON RD	BEGIN CHIP SEAL	HWY 47	271	2	11,865	20	237,300	R	ACIAC	NW	94	88	88	\$96	6,978,148	SEAL CRACKS
FOX RIDGE RD	MP 0.67 END NEW PAVEMENT '95	CUL DE SAC	282	2	2,009	20	40,180	R	ACIAC	NW	94	88	88	\$17	6,978,148	SEAL CRACKS
SPRING HILL RD	LAUGHLIN RD	FLETT RD	4	6	5,062	20	101,240	A	ACIAC	NW	77	82	84	\$289	3,204,670	SEAL CRACKS
FLETT RD	SPRINGHILL RD	HWY 47	4	7	7,555	20	151,100	A	ACIAC	NW	81	85	86	\$250	4,243,135	SEAL CRACKS
BROADWEAD RD	SANDERS RD	POLK COUNTY LINE	441	2	6,502	20	132,040	C	ACIAC	NW	92	88	89	\$5	124,453,890	SEAL CRACKS
CALEB PAYNE RD	MP 0.00 HWY 18	MP 0.67 HWY 18	445	1	3,285	16	52,720	R	ACIAC	NW	94	88	88	\$22	6,978,148	SEAL CRACKS
WILSONVILLE RD	350' E. OF DAYBREAK CT	BUTTEVILLE RD	5	2	8,276	22	182,072	A	ACIAC	NE	79	84	85	\$420	3,346,733	SEAL CRACKS
WILSONVILLE RD	BUTTEVILLE RD	DRIVEWAY	5	3	17,750	22	390,500	A	ACIAC	NE	78	83	84	\$1,058	2,971,740	SEAL CRACKS
WILSONVILLE RD	#35505 DRIVEWAY	CLACKAMAS CO LINE	5	4	4,660	20	93,200	A	ACIAC	NE	81	86	87	\$126	5,627,884	SEAL CRACKS
HOPEWELL RD	HWY 153	POLK CO LINE	6	7	9,424	20	188,490	A	ACIAC	NW	47	86	87	\$220	2,505,526	SEAL CRACKS
BREYMAN ORCHARDS RD	ARCHERY SUMMIT RD	ARCHERY SUMMIT RD	82	1	7,339	18	132,102	R	ACIAC	NW	94	88	88	\$54	6,978,148	SEAL CRACKS
STOLLER RD	BEGIN 04 CRIP PAVING PROJ. ROAD	MCDUGAL ROAD	84	2	5,472	22	120,384	R	ACIAC		95	88	89	\$29	1,585,605	SEAL CRACKS
LOOP RD	REID LN	#1195	92	2	1,672	21	35,112	R	ACIAC		94	88	88	\$15	6,978,148	SEAL CRACKS
WATERFRONT ST	COLLEGE ST	END OF CURB (#1500)	999	1	483	26	12,558	R	ACIAC	NE	94	88	89	\$5	8,528,385	SEAL CRACKS

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 12/03/2020

Scenario: (2) Maintain Current PCI (76)

Road Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
Year: 2025																
Year 2024 Area Total 7,311,037																
Treatment Total \$5,222																
Year 2024 Total \$2,698,245																
REID LN	LOOP RD INTERSECTION	END OF PAVEMENT	192	1	671	20	13,420	R	AC	NW	73	86	100	\$16,551	35,567	MEDIUM AC OVERLAY (2 INCHES)
GOPHER VALLEY RD	STATE HWY 18	NORTH END OF GRAUER RD.	3	1	11,118	20	222,360	C	AC	NW	76	66	100	\$290,590	42,329	MEDIUM AC OVERLAY (2 INCHES)
GOPHER VALLEY RD	NORTH END OF GRAUER RD.	BEAVER CREEK 3	3	2	10,641	20	212,920	C	AC	NW	76	66	100	\$278,122	42,329	MEDIUM AC OVERLAY (2 INCHES)
Treatment Total \$585,243																
WEST SIDE RD	BAKER CREEK ST	POVERTY BEND 21	21	1	13,200	22	290,400	A	AC	NW	59	48	100	\$459,351	52,147	THICK AC OVERLAY (3 INCHES)
WEST SIDE RD	MP 0.08	SHELTON RD	21	3	7,181	20	143,620	A	AC	NW	58	46	100	\$246,959	52,574	THICK AC OVERLAY (3 INCHES)
NORTH VALLEY RD	RIBBON RIDGE RD	LAUGHLIN RD	4	5	20,122	20	402,440	A	AC/AC	NW	58	48	100	\$692,007	51,916	THICK AC OVERLAY (3 INCHES)
Treatment Total \$1,438,317																
CUNNINGHAM LN	MP 0.00	SPRINGHILL RD	122	1	2,365	20	47,700	R	AC/AC	NW	92	89	94	\$17,558	43,260	CHIP CRACK AND FOG SEAL
ROGERS LANDING RD	RIVER ST. (NEUBERG)	PARKING LOT	160S	1	821	20	16,420	R	AC/AC	NW	84	79	86	\$6,058	39,102	CHIP CRACK AND FOG SEAL
VINE MAPLE DR	LAVERN LANE	DEAD END	176	1	610	18	10,980	R	AC/AC	NW	88	82	89	\$4,051	38,664	CHIP CRACK AND FOG SEAL
LOOP RD	#11195	LA FAYETTE HWY 192	192	2	5,175	20	103,500	R	AC/AC	NW	92	89	94	\$38,183	43,260	CHIP CRACK AND FOG SEAL
NOBLE LN	LAWSON RD	DEAD END	197S	1	422	18	7,596	R	AC	NW	96	86	92	\$2,803	24,928	CHIP CRACK AND FOG SEAL
TURNER CR RD	TUPPER ROAD	END OF PAVEMENT	20	2	17,592	20	351,840	C	AC/AC	NW	76	71	80	\$129,800	41,043	CHIP CRACK AND FOG SEAL
YAMHILL RD	300 FT S OF FRYER RD	COOPER LN	214	1	3,339	20	66,780	R	AC	NW	89	86	92	\$24,637	41,800	CHIP CRACK AND FOG SEAL
ORCHARD VIEW RD W	CR# 527 (ORCHARDVIEW RD)	END OF PAVEMENT	227	2	7,864	20	157,680	R	AC/AC	NW	92	89	94	\$58,171	43,260	CHIP CRACK AND FOG SEAL
EARLWOOD RD	WILSONVILLE RD	KRAWEN RD	40	1	6,798	21	141,926	R	AC/AC	NW	79	76	84	\$52,360	42,198	CHIP CRACK AND FOG SEAL
BROADMEAD RD	HWY 153	SANDERS RD	441	1	7,708	20	154,160	C	AC/AC	NW	92	83	90	\$56,873	40,913	CHIP CRACK AND FOG SEAL
WEBFOOT RD	STRINGTOWN RD	PAUMER CREEK 6	6	2	5,117	20	102,340	R	AC	NW	78	72	81	\$57,755	39,788	CHIP CRACK AND FOG SEAL
CHEHALEU DR	BEGIN NEW AC	BALD PEAK RD	67	3	6,647	22	146,234	R	AC/AC	NW	92	89	94	\$53,949	43,260	CHIP CRACK AND FOG SEAL
ROCK CREEK RD	HWY 18B	MP 2	8	1A	10,520	20	210,400	C	AC/AC	NW	80	75	83	\$77,621	43,422	CHIP CRACK AND FOG SEAL

** - Treatment from Project Selection

Scenarios Criteria:

10
SS1026

MTTC Streetsaver

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 12/03/2020

Scenario: (2) Maintain Current PCI (76)

Year: 2025

Road Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment	
												PCI Before	PCI After				
NECK RD	WALLACE RD	END OF ROAD	88	1	16,920	18	304,560	R	AC/AC	NW	92	89	94	\$112,358	43,280	CHIP CRACK AND FOG SEAL	
Treatment Total																	
													\$672,217				
RIBBON RIDGE RD	NORTH VALLEY RD	END OF PAVEMENT	101	2	209	21	4,389	C	AC	NW	64	84	86	\$10	1,229,754	SEAL CRACKS	
BALD PEAK RD	CHEHALEM DRIVE	MP 6.07 HWY 219	103	4	5,326	20	106,520	C	AC	NW	62	84	86	\$226	1,229,754	SEAL CRACKS	
KINGS GRADE	#20600	BALD PEAK RD	108	3	5,174	16	82,790	R	AC/AC		92	88	89	\$16	18,101,937	SEAL CRACKS	
CHRISTENSEN RD	BEGIN CHIP SEAL	DEJONG RD,	15	2	7,565	20	151,300	C	AC/AC	NW	76	81	82	\$554	1,937,889	SEAL CRACKS	
CHRISTENSEN RD	DEJONG RD.	HWY 18	15	3	3,991	20	79,820	C	AC/AC	NW	74	78	80	\$346	1,548,802	SEAL CRACKS	
WILLIAMSON RD	DUDLEY RD (C.R. #2)	STATE HWY 240	172	1	3,009	22	66,198	A	AC		71	86	87	\$80	2,432,550	SEAL CRACKS	
RED PRAIRIE RD	POLK CO LINE	MILL CREEK RD	23	1	5,280	20	105,600	C	AC/AC	NW	60	84	86	\$224	1,229,754	SEAL CRACKS	
LAUGHLIN RD	WOODLAND LOOP	RIDGE ROAD	275	2	8,009	20	160,180	C	AC/AC	NW	76	81	82	\$576	2,036,000	SEAL CRACKS	
BRIEDEMELL RD	STATE HWY 153	BOX # 19050	34	1	3,297	20	65,940	C	AC	NW	62	84	86	\$140	1,229,754	SEAL CRACKS	
FORT HILL RD	BOX 40015 (M.P. 1.56)	BOX 42200 (M.P. 1.61)	404	3	8,502	20	170,040	C	AC	NW	62	84	86	\$360	1,229,754	SEAL CRACKS	
CANYON RD	MP 0.66 BEGIN CO JURISDICTION	END OF PAVEMENT		1	863	18	15,534	R	ST	NW	82	70	72	\$57	1,125,104	SEAL CRACKS	
FERNWOOD ST	300 FTE. OF THE GREENS AVE	CORRAL CR RD	46	3	2,951	20	59,020	R	AC/AC	NE	93	88	89	\$2	140,171,558	SEAL CRACKS	
WYNOOSKI ST S	MP 0.70 BEG CO JURISDICTION	SANDOZ RD	47	1	5,037	36	181,382	C	AC	NE	60	84	86	\$384	1,229,754	SEAL CRACKS	
UPPER ISLAND RD	END CR 475 NEW OVERLAY	GRAND ISLAND LOOP INT.	476	4	1,167	20	23,340	R	ST	NW	82	70	72	\$86	1,125,104	SEAL CRACKS	
HOUSER RD	HWY 18 (Business)	END OF PAVEMENT	477	1	542	20	10,840	R	AC		68	73	75	\$63	900,066	SEAL CRACKS	
COLUMBIA DR	CHEHALEM DRIVE	MAINCATER ST	58	1	1,260	20	25,200	C	AC	NE	64	84	86	\$54	1,229,754	SEAL CRACKS	
BELL RD	HWY 219	ZIMRI DRIVE	62	2	5,316	20	106,320	C	AC	NE	63	84	86	\$226	1,229,754	SEAL CRACKS	
HOPEWELL RD	HOPEWELL RD (C.R.#9)	STATE HWY 153	65	1	985	20	19,700	C	AC/AC	NW	81	86	87	\$29	4,584,449	SEAL CRACKS	
RED HILLS RD	HIDDEN SPRINGS RD (END NEWAC)	SUNNYCREST RD	75	1	2,033	20	40,680	C	AC/AC	NW	80	84	85	\$91	2,710,515	SEAL CRACKS	

Year 2025 Area Total	4,581,900	Year 2025 Total	\$2,699,301
Total Section Area:	28,780,216	Grand Total	\$13,496,157
		Treatment Total	\$3,524

** - Treatment from Project Selection Scenarios Criteria:

B.O. 21-54 Exhibit "A"