

## **Port St. Nicholas Road Annual Maintenance Report for Fiscal year 2019- 2020**

This annual maintenance report is prepared in accordance with Craig Municipal Code 12.10, "Port St. Nicholas Road Maintenance and Improvement and Road Maintenance and Improvement Fee- Extraterritorial", which requires the Public Works Department to prepare an annual maintenance report. The report includes a description of all capital and maintenance activities performed within the road corridor outside the municipal boundaries during the course of the reporting period. The report also includes an accounting of all fees collected and all expenses incurred during the reporting period.

### **1. Grading the Gravel Portion**

Grading is accomplished with a CAT 160M2 machine. The city public works crew logged 213.5 operating hours for grading and material hauling on PSN road. The Craig Tribal Association donated 802.5 tons of C1-grade rock that the city applied to PSN gravel road from the end of the pavement to Craig water treatment plant. The value of the donated gravel is \$14,846.25.

### **2. Culvert Maintenance**

No culvert maintenance was logged for the fiscal year 2019- 2020.

### **3. Asphalt Maintenance**

No asphalt maintenance was logged for the fiscal year 2019- 2020.

### **4. Snow removal and Sanding**

Sanding and snow removal utilize the Sterling dump truck, the grader, and sand. 30 operating hours were logged by City crew. City crews applied 9.3 tons of sand to PSN road from end of city limits to end of pavement during the winter months.

### **5. Striping**

6. No asphalt striping was logged for the fiscal year 2019- 2020.

### **7. Bridge Maintenance**

The bridge was thoroughly cleaned using a sweeper in preparation for expansion joint repair work. Although the repair was completed in fiscal year 2021, the repair material was purchased in fiscal year 2020. Four operating hours were logged by City crew.

### **8. Guard Rail Maintenance**

No guard rail maintenance was logged for the fiscal year 2019- 2020.

### **9. Shoulder Brushing/ Tree Removal**

Brushing and tree removal are accomplished utilizing a brusher (rental unit), Sterling dump truck, and the CAT 420E backhoe. 49.5 operating hours were logged by City crew.

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Itemized Cost Tables

<b>1. Grading the Gravel Portion</b>				
Equipment, Labor, and Material	Units	Quantity	Rate	Total
Motor Grader	Hours	106	\$157.31	\$16,674.86
Sterling Dump Truck	Hours	35.5	\$132.39	\$4,699.85
Top Kick Dump Truck	Hours	35.5	\$98.43	\$3,494.27
Backhoe	Hours	36.5	\$97.20	\$3,547.80
C1	Tons	802.5	\$18.50	\$0.00
<b>Total</b>				<b>\$28,416.78</b>

<b>2. Culvert Maintenance</b>				
Equipment, Labor, and Material	Units	Quantity	Rate	Total
Backhoe	Hours	0	\$97.20	\$0.00
Sterling Dump Truck	Hours	0	\$132.39	\$0.00
1.5" Minus	Tons	0	\$18.50	\$0.00
Pit Run	Tons	0	\$10.00	\$0.00
3" Jaw Run	Tons	0	\$13.50	\$0.00
Corrugated Poly Pipe	Feet	0	\$28.94	\$0.00
<b>Total</b>				<b>\$0.00</b>

<b>3. Asphalt Maintenance</b>				
Equipment and Labor	Units	Quantity	Rate	Total
Street Sweeper	Hours	0	\$113.68	\$0.00
Sterling Dump Truck	Hours	0	\$132.39	\$0.00
Backhoe	Hours	0	\$97.20	\$0.00
Roller	Hours	0	\$76.18	\$0.00
Hot Mix	Tons	0	\$90.00	\$0.00
<b>Total</b>				<b>\$0.00</b>

<b>4. Snow Removal and Sanding</b>				
Equipment, Labor, and Material	Units	Quantity	Rate	Total
Sterling Dump Truck	Hours	5	\$132.39	\$661.95
Motor Grader	Hours	23.25	\$157.31	\$3,657.46
Sand	Tons	9.3	\$33.00	\$306.90
<b>Total</b>				<b>\$4,626.31</b>

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<b>5. Striping</b>				
Equipment, Labor, and Material	Units	Quantity	Rate	Total
Contracted	Feet	17,300	\$0	\$0.00
<b>Total</b>				<b>\$0.00</b>

<b>6. Bridge Maintenance</b>				
Equipment, Labor, and Material	Units	Quantity	Rate	Total
Brush Removal	Hours	0	\$109.00	\$0.00
Expansion Joint Restoration Material	Feet, Linear, and Square	50 Linear	\$40.57	\$2,028.51
Sweeper	Hours	4	\$113.68	\$454.72
<b>Total</b>				<b>\$2,483.23</b>

<b>7. Guard Rail Maintenance</b>				
Equipment, Labor, and Material	Units	Quantity	Rate	Total
Railing	Feet	0	\$40.00	\$0.00
Sterling Dump Truck	Hours	0	\$132.39	\$0.00
Backhoe	Hours	0	\$97.20	\$0.00
<b>Total</b>				<b>\$0.00</b>

<b>8. Shoulder Brushing and Tree Removal</b>				
Equipment and Labor	Units	Quantity	Rate	Total
Sterling Dump Truck	Hours	9.5	\$132.39	\$1,257.71
Backhoe	Hours	8	\$97.20	\$777.60
Brusher	Hours	32	\$45.00	\$1,440.00
<b>Total</b>				<b>\$3,475.31</b>

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Summary	
1. Grading the Gravel Portion	\$28,416.78
2. Culvert Maintenance	\$0.00
3. Asphalt Maintenance	\$0.00
4. Snow Removal and Sanding	\$4,626.31
5. Striping	\$0.00
6. Bridge Maintenance	\$2,483.23
7. Guard Rail Maintenance	\$0.00
8. Shoulder Brushing and Tree Removal	\$3,475.31
Fees Collected	(\$0.00)
<b>Total</b>	<b>\$39,001.63</b>

Per Lot Cost Allocation

Per Section 12.10.020 of the Craig Municipal Code, the annual road maintenance and improvement fee is set at 45% of costs reported in the annual maintenance report, divided by the number of lots and tracts subject to the fee; provided that the aggregate dollar amount of the fee not exceed \$150.00 per lot or tract in any given year.

Total road costs: \$39,001.63 @ 45% = \$17,551

Total lots within road corridor: 202

Per lot fee: \$17,443/202 = \$86.88

Per 12.10.040 of the Craig Municipal Code, this annual maintenance report is subject to a 30-day public review and comment period. Comments are due to the City of Craig by Thursday, October 22, 2020. Comments may be hand-delivered, delivered via email to [info@craigak.com](mailto:info@craigak.com), sent to PO Box 725 Craig, AK 99921, or delivered at Craig City Council meetings scheduled for Thursday, October 8 and Thursday, October 22.

For more information, contact Craig City Hall at 826-3275.