

**Port St. Nicholas Road  
Annual Plan of Work for Fiscal Year 2022**

This plan of work is prepared in compliance with Section 12.10.040.B of the Craig Municipal Code (CMC). The plan estimates the work tasks and the capital and operational costs for the Port St. Nicholas Road as defined at 12.10.090 of the CMC.

Section I – Description of Work Tasks & Estimated Costs

**Task 1: Grading Gravel Surface**

Grading needs to be performed a minimum of thirteen times and spot grading as needed for Fiscal Year of 2022. The Public Works Department has estimated a minimum of 150 operation hours, and 750 tons of 1.5” minus surface material, and 250 tons of D1 road material to accomplish basic grading operations.

Equipment & Labor	Units	Quantity	Rate	Total
Motor Grader	HR	150	\$157.31	\$23,596.50
Roller	HR	75	\$37.88	\$2,841.00
1.5” minus	TON	750	\$19.50	\$14,625.00
D1	YRD	250	\$28.00	\$7,000.00
<b>Total</b>				<b>\$48,062.50</b>

**Task 2: Culvert Maintenance**

Culvert cleaning and drainage ditch debris cleanup as needed, approximately 60 hours.

Equipment & Labor	Units	Quantity	Rates	Total
Backhoe	HR	60	\$97.20	\$5,832.00
Dump Truck	HR	60	\$132.39	\$7,943.40
1.5” Minus	TON	15	\$19.50	\$292.50
D1	YRD	10	\$28.00	\$280.00
Pit Run	TON	0	\$12.75	0
3” Jaw Run	TON	0	\$17.00	0
Corrugated Pipe	FT	0	\$28.94	0
<b>Total</b>				<b>\$14,347.90</b>

**Task 3: Asphalt Maintenance**

No specific asphalt maintenance work is planned outside of City limits for the period

#### Task 4: Snow Removal and Sanding

This plan estimates two cubic yards of material to sand 1.5 miles of paved road. Sanding may be performed up to twice a day depending on road conditions. Estimates are based on an average of 10 snow days for Southeast Alaska.

Equipment & Labor	Units	Quantity	Rate	Total
Dump Truck	HR	20	\$132.39	\$2,647.80
Sand	YRD	40	\$48.00	\$1,920.00
Total				\$4,567.80

#### Task 5: Striping

No Striping is scheduled for fiscal year 2022

#### Task 6: Bridge Maintenance

There are two minor maintenance tasks to be performed in Fiscal Year 2022.

- Remove gravel and debris from the shoulders of the deck to allow water drainage
- cut brush and trees around and under bridge.

Equipment& Labor	Units	Quantity	Rate	Total
Brush Removal	HR	1	\$109.00	\$109.00
Sweeper	HR	1	\$113.68	\$113.68
Total				\$222.68

#### Task 7: Guard Rail Maintenance

No maintenance service associated with this infrastructure component for Fiscal Year 2022.

#### Task 8: Shoulder Brushing

Estimate clearing production rate is five operation hours per mile. Use of a brusher is incorporated into the production rate.

Equipment & Labor	Units	Quantity	Rate	Total
Brushing	MILE	3.3	\$531.25	\$1,753.00

Section II – Budget & Allocation of Costs Among Lots

The table below shows the sum total used to estimate the fee for the work described in this report.

Task	Description	Cost
1	Grading	\$48,062.50
2	Culvert Maintenance	\$14,347.90
3	Asphalt Maintenance	\$0
4	Snow Removal & Sanding	\$4,567.80
5	Striping	\$0
6	Bridge Maintenance	\$222.68
7	Guardrail Maintenance	\$0
8	Shoulder Brushing	\$1,753.00
Total		\$68,954.01

Section 12.10.020 of the CMC calls for applying 45 percent of costs among the lots subject to the annual road maintenance and improvement fee, with a maximum of \$150.00 per lot. Applying the cost allocation found at CMC 12.10.020, the projected cost for the work period will reach the \$150.00 per lot maximum, as shown in the table below.

Estimated Subject Lots	Estimated Costs	Cost Per Lot @ 45%	Maximum Fee Per Lot
202	\$68,954.01	\$153.61	\$150.00

Section III – Summary

Per CMC 12.10.040.B, this Annual Plan of Work estimates the range and costs of work tasks, as well as the number of lots subject to the road maintenance fee. Actual costs and number of subject lots will be reported to the Craig City Council in a subsequent Annual Maintenance Report required at CMC 12.10.040.A.

Section IV – Public Review and Comment

Per CMC 12.10.040.B, this Annual Plan of Work is subject to public review and comment for 30 days, at which time the city council will consider all comments received during the public notice period. Comments are due to the City of Craig by Thursday, October 21, 2021. 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 the Craig City Council meeting scheduled for 6:30 p.m. Thursday, October 21, 2021.

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