

Port St. Nicholas Road Annual Maintenance Report for Fiscal year 2021

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 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 140 operating hours for grading and material hauling on PSN road.

2. Culvert Maintenance

Culvert maintenance is accomplished utilizing rented excavators, Sterling dump truck, Top kick dump truck, and backhoe. Eighty-nine operating hours were logged by public works crews.

3. Asphalt Maintenance

No asphalt maintenance was logged for the fiscal year 2021.

4. Snow removal and Sanding

Sanding and snow removal utilize the Sterling dump truck, the grader, and sand. Six and a half operating hours were logged by City crew. Ten yards of sand was applied to PSN road from end of city limits to end of pavement during the winter months.

5. Striping

Pavement marking was performed after July 1st, 2020, totaling \$7,406.25.

6. Bridge Maintenance

Bridge maintenance is accomplished using a sweeper, weed trimming tools, and any supplies/material associated with bridge repair/maintenance. Nineteen operating hours were logged by City crew.

7. Guard Rail Maintenance

No guard rail maintenance was logged for the fiscal year 2021.

8. Shoulder Brushing/ Tree Removal

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

9. Landslide Mitigation

Landslide mitigation was accomplished utilizing rented excavators, Sterling dump truck, Top kick dump truck, and backhoe. Two hundred and seven and a half operating hours were logged by public works crews.

10. Landslide Mitigation Additional Costs

Contracted labor, materials and supplies, and equipment lease costs came to a total of \$73,723.24.

Port St. Nicholas Road Annual Maintenance Report 2021 Itemized Cost Tables

| 1. Grading the Gravel Portion | | | | |
|--------------------------------------|-------|----------|----------|--------------------|
| Equipment, Labor, and Material | Units | Quantity | Rate | Total |
| Motor Grader | Hours | 53 | \$157.31 | \$8,337.43 |
| Sterling Dump Truck | Hours | 47 | \$132.39 | \$6,222.33 |
| Top Kick Dump Truck | Hours | 30 | \$98.43 | \$2,952.90 |
| Backhoe | Hours | 10 | \$97.20 | \$972.00 |
| C1 | Yrds | 64 | \$15.20 | \$972.80 |
| 1.5" minus | Tons | 375 | \$19.50 | \$7,312.50 |
| Total | | | | \$26,769.96 |

| 2. Culvert Maintenance | | | | |
|--------------------------------|-------|----------|----------|--------------------|
| Equipment, Labor, and Material | Units | Quantity | Rate | Total |
| Backhoe | Hours | 20 | \$97.20 | \$1,944.00 |
| Sterling Dump Truck | Hours | 23 | \$132.39 | \$3,044.97 |
| Top kick Dump Truck | Hours | 5 | \$98.43 | \$492.15 |
| Excavator Rental | Day | 5 | \$836.00 | \$4,180.00 |
| Excavator operations | Hours | 41 | \$41.94 | \$1,719.54 |
| 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 |
| Total | | | | \$11,380.66 |

**Port St. Nicholas Road Annual Maintenance Report 2021
 Itemized Cost Tables**

| 3. Asphalt Maintenance | | | | |
|-------------------------------|-------|----------|----------|---------------|
| 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 |
| Total | | | | \$0.00 |

| 4. Snow Removal and Sanding | | | | |
|------------------------------------|-------|----------|----------|-------------------|
| Equipment, Labor, and Material | Units | Quantity | Rate | Total |
| Sterling Dump Truck | Hours | 6.5 | \$132.39 | \$860.54 |
| Motor Grader | Hours | 0 | \$157.31 | \$0.00 |
| Sand | Yrds | 10 | \$48.00 | \$480.00 |
| Total | | | | \$1,340.54 |

| 5. Striping | | | | |
|--------------------------------|-------|----------|------------|-------------------|
| Equipment, Labor, and Material | Units | Quantity | Rate | Total |
| Contracted | Mile | 1.5 | \$4,937.50 | \$7,406.25 |
| Total | | | | \$7,406.25 |

| 6. Bridge Maintenance | | | | |
|--------------------------------|-------|----------|----------|-------------------|
| Equipment, Labor, and Material | Units | Quantity | Rate | Total |
| Brush Removal | Hours | 2 | \$109.00 | \$218.00 |
| Expansion Joint Restoration | Hours | 16 | \$41.94 | \$671.04 |
| Sweeper | Hours | 1 | \$113.68 | \$113.68 |
| Total | | | | \$1,002.72 |

| 7. Guard Rail Maintenance | | | | |
|----------------------------------|-------|----------|----------|---------------|
| 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 |
| Total | | | | \$0.00 |

**Port St. Nicholas Road Annual Maintenance Report 2021
 Itemized Cost Tables**

| 8. Shoulder Brushing and Tree Removal | | | | |
|--|-------|----------|----------|-----------------|
| Equipment and Labor | Units | Quantity | Rate | Total |
| Sterling Dump Truck | Hours | 2 | \$132.39 | \$264.78 |
| Backhoe | Hours | 7 | \$97.20 | \$680.40 |
| Brusher | Hours | 0 | \$45.00 | \$0.00 |
| Total | | | | \$945.18 |

| 9. Landslide Mitigation | | | | |
|--------------------------------|-------|----------|----------|--------------------|
| Equipment and Labor | Units | Quantity | Rate | Total |
| Sterling Dump Truck | Hours | 64.5 | \$132.39 | \$8,539.16 |
| Top kick Dump Truck | Hours | 50.5 | \$98.43 | \$4,970.72 |
| Backhoe | Hours | 60.5 | \$97.20 | \$5,880.60 |
| Excavator | Hours | 32 | \$41.94 | \$1,342.08 |
| Total | | | | \$20,732.56 |

| 10. Landslide Mitigation Additional Costs | |
|--|--------------------|
| Contracted Labor | \$42,671.04 |
| Materials and supplies | \$24,550.25 |
| Equipment Lease | \$6,501.95 |
| Total | \$73,723.24 |

| Summary | |
|---|---------------------|
| 1. Grading the Gravel Portion | \$26,769.96 |
| 2. Culvert Maintenance | \$11,380.66 |
| 3. Asphalt Maintenance | \$0.00 |
| 4. Snow Removal and Sanding | \$1,340.54 |
| 5. Striping | \$7,406.25 |
| 6. Bridge Maintenance | \$1,002.72 |
| 7. Guard Rail Maintenance | \$0.00 |
| 8. Shoulder Brushing and Tree Removal | \$945.18 |
| 9. Landslide Mitigation | \$20,732.56 |
| 10. Landslide Mitigation Additional Costs | \$73,723.24 |
| Total | \$143,301.11 |

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: \$143,301.11 @ 45% = \$64,485.50

Total lots within road corridor: 202

Per lot cost: \$64,485.50/202 = \$319.24

Per lot fee for FY 2021: \$150.00

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 21, 2021. Comments may be hand-delivered, delivered via email to 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.