Alaska Region
Infrastructure Fact Sheets
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1 There are 3 official NPS units which do not appear in this report because of the hierarchy of these units as organized in the Facility Management Software System. For the purposes of this report, the inventory associated with these 3 parks (left column) are included as a sub-set of the larger parks (right column).

<table>
<thead>
<tr>
<th>Sub Park</th>
<th>Parent Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cape Krusenstern National Monument (CAKR)</td>
<td>Western Arctic National Parklands (WEAR)</td>
</tr>
<tr>
<td>Kobuk Valley National Park (KOVA)</td>
<td>Western Arctic National Parklands (WEAR)</td>
</tr>
<tr>
<td>Noatak National Preserve (NOAT)</td>
<td>Western Arctic National Parklands (WEAR)</td>
</tr>
</tbody>
</table>
Alagnak Wild River 
Infrastructure Fact Sheet

Infrastructure Inventory
The figures below show the park’s real property inventory by asset category as of the end of FY 2018.

- 1 Building
- 0 Campgrounds
- 0 Waste Water Systems
- 0 Miles of Trails
- 0 Miles of Unpaved Roads
- 0 Miles of Paved Roads
- 0 Housing Units*
- 0 Water Systems
- 1 All Other Asset†

*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.
†All Other assets include maintained landscapes.

Estimated Maintenance Needs
The chart below summarizes the park’s outstanding estimated maintenance needs as of the end of FY 2018.

There is also a $200 annual Routine Maintenance requirement in addition to the costs shown above.

There are no maintenance needs at the park. This need does not include the cost of Routine Maintenance.

Note: Estimated maintenance needs may not sum exactly to the total need due to rounding.

Project Funding
Alagnak Wild River does not have any projects in the formulated lists released publicly.

3 Total Need includes deferred maintenance, other facility maintenance (such as corrective and emergency maintenance, component renewal, and demolition work that is not deferred), and capital improvement. The data is from work identified in the Facility Management Software System (FMSS) as of the end of FY 2018. Total need does not include annual recurring maintenance needs. Estimated project execution costs, such as compliance and design, are included only for paved roadways, paved parking areas, bridges, and tunnels.
4 Routine Maintenance represents modeled costs for recurring maintenance derived from NPS Operations and Maintenance cost models.
5 This includes projects in the following fund sources: Recreation Fee Revenue (FY 2021 Congressional Justification), Repair/Rehabilitation (FY 2021 – 2025), Line Item Construction (FY 2021 – 2025), and Federal Lands Transportation Program (FY 2020 – 2021).
Infrastructure Inventory
The figures below show the park’s real property inventory by asset category as of the end of FY 2018.

- **2 Buildings**
- **0 Miles of Trails**
- **0 Housing Units**
- **0 Campgrounds**
- **0 Miles of Unpaved Roads**
- **0 Water Systems**
- **0 Waste Water Systems**
- **0 Miles of Paved Roads**
- **1 All Other Asset**

*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.
†All Other assets include interpretive media.

Estimated Maintenance Needs
The chart below summarizes the park’s outstanding estimated maintenance needs as of the end of FY 2018.

```
Deferred Maintenance $181 K
Capital Improvement $42 K
Other Facility Maintenance $152 K
Total Need $374 K
```

There is also a **$210 K annual Routine Maintenance** requirement in addition to the costs shown above.

Buildings have the highest estimated maintenance needs by asset category at the park. The figures below do not include the cost of Routine Maintenance.

- **$75 K for Buildings**
- **$299 K for all remaining asset categories**

  Driven by interpretive media ($299 K)

Note: Estimated maintenance needs may not sum exactly to the total need due to rounding.

Project Funding
Alaska Public Lands Information Center Anchorage does not have any projects in the formulated lists released publicly.

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References:
3. Total Need includes deferred maintenance, other facility maintenance (such as corrective and emergency maintenance, component renewal, and demolition work that is not deferred), and capital improvement. The data is from work identified in the Facility Management Software System (FMSS) as of the end of FY 2018. Total need does not include annual recurring maintenance needs. Estimated project execution costs, such as compliance and design, are included only for paved roadways, paved parking areas, bridges, and tunnels.
4. Routine Maintenance represents modeled costs for recurring maintenance derived from NPS Operations and Maintenance cost models.
5. This includes projects in the following fund sources: Recreation Fee Revenue (FY 2021 Congressional Justification), Repair/Rehabilitation (FY 2021 – 2025), Line Item Construction (FY 2021 – 2025), and Federal Lands Transportation Program (FY 2020 – 2021).
Infrastructure Inventory
The figures below show the park’s real property inventory by asset category as of the end of FY 2018.

- **5 Buildings**
- **0 Campgrounds**
- **0 Waste Water Systems**
- **0 Miles of Trails**
- **0 Miles of Unpaved Roads**
- **0 Housing Units**
- **0 Water Systems**
- **0 Miles of Paved Roads**
- **1 All Other Asset**

*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

†All Other assets include utility systems.

Estimated Maintenance Needs
The chart below summarizes the park’s outstanding estimated maintenance needs as of the end of FY 2018.

There is also a $101K annual Routine Maintenance requirement in addition to the costs shown above.

There are no maintenance needs at the park. This need does not include the cost of Routine Maintenance.

Note: Estimated maintenance needs may not sum exactly to the total need due to rounding.

Project Funding
Alaska Regional Support Office does not have any projects in the formulated lists released publicly.

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3 Total Need includes deferred maintenance, other facility maintenance (such as corrective and emergency maintenance, component renewal, and demolition work that is not deferred), and capital improvement. The data is from work identified in the Facility Management Software System (FMSS) as of the end of FY 2018. Total need does not include annual recurring maintenance needs. Estimated project execution costs, such as compliance and design, are included only for paved roadways, paved parking areas, bridges, and tunnels.
4 Routine Maintenance represents modeled costs for recurring maintenance derived from NPS Operations and Maintenance cost models.
5 This includes projects in the following fund sources: Recreation Fee Revenue (FY 2021 Congressional Justification), Repair/Rehabilitation (FY 2021 – 2025), Line Item Construction (FY 2021 – 2025), and Federal Lands Transportation Program (FY 2020 – 2021).
Infrastructure Inventory
The figures below show the park’s real property inventory by asset category as of the end of FY 2018.

- **2 Buildings**
- **0 Miles of Trails**
- **0 Housing Units*\)
- **0 Campgrounds**
- **0 Miles of Unpaved Roads**
- **0 Water Systems**
- **0 Waste Water Systems**
- **0 Miles of Paved Roads**
- **1 All Other Asset†**

*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.
†All Other assets include maintained landscapes.

Estimated Maintenance Needs
The chart below summarizes the park’s outstanding estimated maintenance needs as of the end of FY 2018.

There is also a $4 K annual Routine Maintenance requirement in addition to the costs shown above.

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**Buildings** have the highest estimated maintenance needs by asset category at the park. The figures below do not include the cost of Routine Maintenance.

- **$47 K for Buildings**
- **$3 K for all remaining asset categories**
  Driven by maintained landscapes ($3 K)

Note: Estimated maintenance needs may not sum exactly to the total need due to rounding.

Project Funding
Aniakchak National Monument & Preserve does not have any projects in the formulated lists released publicly.

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3. Total Need includes deferred maintenance, other facility maintenance (such as corrective and emergency maintenance, component renewal, and demolition work that is not deferred), and capital improvement. The data is from work identified in the Facility Management Software System (FMSS) as of the end of FY 2018. Total need does not include annual recurring maintenance needs. Estimated project execution costs, such as compliance and design, are included only for paved roadways, paved parking areas, bridges, and tunnels.
4. Routine Maintenance represents modeled costs for recurring maintenance derived from NPS Operations and Maintenance cost models.
5. This includes projects in the following fund sources: Recreation Fee Revenue (FY 2021 Congressional Justification), Repair/Rehabilitation (FY 2021 – 2025), Line Item Construction (FY 2021 – 2025), and Federal Lands Transportation Program (FY 2020 – 2021).
Infrastructure Inventory

The figures below show the park’s real property inventory by asset category as of the end of FY 2018.

- **20 Buildings**
- **276 Miles of Trails**
- **7 Housing Units**
- **0 Campgrounds**
- **0 Miles of Unpaved Roads**
- **0 Water Systems**
- **0 Waste Water Systems**
- **7 All Other Assets**

*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

† All Other assets include maintained landscapes, aviation systems, and interpretive media.

Estimated Maintenance Needs

The chart below summarizes the park’s outstanding estimated maintenance needs as of the end of FY 2018.

- **Deferred Maintenance $1 M**
- **Capital Improvement $137 K**
- **Other Facility Maintenance $571 K**

There is also a **$2 M annual Routine Maintenance** requirement in addition to the costs shown above.

Housing and Buildings have the highest estimated maintenance needs by asset category at the park. The figures below do not include the cost of Routine Maintenance.

- **$1 M for Housing**
- **$129 K for Buildings**

Driven by interpretive media ($90 K) and maintained landscapes ($47 K)

Note: Estimated maintenance needs may not sum exactly to the total need due to rounding.

Project Funding

Bering Land Bridge National Preserve does not have any projects in the formulated lists released publicly.

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3 Total Need includes deferred maintenance, other facility maintenance (such as corrective and emergency maintenance, component renewal, and demolition work that is not deferred), and capital improvement. The data is from work identified in the Facility Management Software System (FMSS) as of the end of FY 2018. Total need does not include annual recurring maintenance needs. Estimated project execution costs, such as compliance and design, are included only for paved roadways, paved parking areas, bridges, and tunnels.
4 Routine Maintenance represents modeled costs for recurring maintenance derived from NPS Operations and Maintenance cost models.
5 This includes projects in the following fund sources: Recreation Fee Revenue (FY 2021 Congressional Justification), Repair/Rehabilitation (FY 2021 – 2025), Line Item Construction (FY 2021 – 2025), and Federal Lands Transportation Program (FY 2020 – 2021).
Infrastructure Inventory

The figures below show the park’s real property inventory by asset category as of the end of FY 2018.

- **260** Buildings
- **66 Miles** of Trails
- **102** Housing Units*
- **7** Campgrounds
- **85 Miles** of Unpaved Roads
- **12** Water Systems
- **21 Miles** of Paved Roads
- **84** All Other Assets†

*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.
†All Other assets include trail bridges, trail tunnels, maintained landscapes, utility systems, aviation systems, maintained archeological sites, interpretive media, and amphitheaters.

Estimated Maintenance Needs

The chart below summarizes the park’s outstanding estimated maintenance needs as of the end of FY 2018.

There is also a **$4 M annual Routine Maintenance** requirement in addition to the costs shown above.

Unpaved Roads and Paved Roads & Structures† have the highest estimated maintenance needs by asset category at the park. The figures below do not include the cost of Routine Maintenance.

- **$47 M** for Unpaved Roads
- **$33 M** for Paved Roads & Structures
- **$17 M** for all remaining asset categories

†Paved Roads & Structures includes paved roadways, paved parking areas, and bridges.

Note: Estimated maintenance needs may not sum exactly to the total need due to rounding.

Project Funding

Project funding will help the park address its outstanding estimated maintenance needs described above. The table below shows examples of projects in the current funding stream. Not all estimated maintenance needs are captured in the projects below.

<table>
<thead>
<tr>
<th>Projects in Current Funding Stream</th>
<th>Estimated Project Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toklat River Bridge &amp; Causeway Replacement</td>
<td>$25,000,000</td>
</tr>
<tr>
<td>Replace Ghiglione Bridge That Cannot Be Seismically Retrofitted</td>
<td>$3,163,000</td>
</tr>
<tr>
<td>Rehabilitate Park Headquarters Building B21</td>
<td>$736,000</td>
</tr>
<tr>
<td>Construct a New Laundry Facility and Rehab Existing Shower House at Camp Housing</td>
<td>$633,000</td>
</tr>
<tr>
<td>Rehabilitate Toklat Lower Restroom and Shower Facility</td>
<td>$192,000</td>
</tr>
</tbody>
</table>

3 Total Need includes deferred maintenance, other facility maintenance (such as corrective and emergency maintenance, component renewal, and demolition work that is not deferred), and capital improvement. The data is from work identified in the Facility Management Software System (FMSS) as of the end of FY 2018. Total need does not include annual recurring maintenance needs. Estimated project execution costs, such as compliance and design, are included only for paved roadways, paved parking areas, bridges, and tunnels.
4 Routine Maintenance represents modeled costs for recurring maintenance derived from NPS Operations and Maintenance cost models.
5 Cost estimates for projects are dependent on the current phase and size of each project’s scoping and costing process. Planning for larger, more complex projects requires a longer lead time and preconstruction activities may be funded separately. These estimates continue to be refined as scoping and design is completed and the project moves toward execution. Costs are rounded to the nearest thousand.
Infrastructure Inventory
The figures below show the park’s real property inventory by asset category as of the end of FY 2018.

1 Building
0 Miles of Trails
0 Housing Units*

0 Campgrounds
0 Miles of Unpaved Roads
0 Water Systems

0 Waste Water Systems
0 Miles of Paved Roads
1 All Other Asset†

*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.
†All Other assets include interpretive media.

Estimated Maintenance Needs
The chart below summarizes the park’s outstanding estimated maintenance needs as of the end of FY 2018.

There is also a $207 K annual Routine Maintenance requirement in addition to the costs shown above.

There are no maintenance needs at the park. This need does not include the cost of Routine Maintenance.

Note: Estimated maintenance needs may not sum exactly to the total need due to rounding.

Project Funding
Fairbanks Interagency Visitors Center does not have any projects in the formulated lists released publicly.⁵

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³ Total Need includes deferred maintenance, other facility maintenance (such as corrective and emergency maintenance, component renewal, and demolition work that is not deferred), and capital improvement. The data is from work identified in the Facility Management Software System (FMSS) as of the end of FY 2018. Total need does not include annual recurring maintenance needs. Estimated project execution costs, such as compliance and design, are included only for paved roadways, paved parking areas, bridges, and tunnels.
⁴ Routine Maintenance represents modeled costs for recurring maintenance derived from NPS Operations and Maintenance cost models.
⁵ This includes projects in the following fund sources: Recreation Fee Revenue (FY 2021 Congressional Justification), Repair/Rehabilitation (FY 2021 – 2025), Line Item Construction (FY 2021 – 2025), and Federal Lands Transportation Program (FY 2020 – 2021).
Infrastructure Inventory

The figures below show the park’s real property inventory by asset category as of the end of FY 2018.

- **27 Buildings**
- **0 Miles of Trails**
- **11 Housing Units**
- **0 Campgrounds**
- **0 Miles of Unpaved Roads**
- **7 Water Systems**
- **7 Waste Water Systems**
- **0 Miles of Paved Roads**
- **15 All Other Assets**

*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

†All Other assets include maintained landscapes, utility systems, marinas, and interpretive media.

Estimated Maintenance Needs

The chart below summarizes the park’s outstanding estimated maintenance needs as of the end of FY 2018.

- **Total Need $2 M**
- **Deferred Maintenance $1 M**
- **Other Facility Maintenance $577 K**
- **Capital Improvement $739 K**

There is also a **$251 K annual Routine Maintenance** requirement in addition to the costs shown above.

Housing and Buildings have the highest estimated maintenance needs by asset category at the park. The figures below do not include the cost of Routine Maintenance.

- **$1 M for Housing**
- **$318 K for Buildings**

$451 K for all remaining asset categories

Driven by maintained landscapes ($197 K) and water systems ($123 K)

Note: Estimated maintenance needs may not sum exactly to the total need due to rounding.

Project Funding

Project funding will help the park address its outstanding estimated maintenance needs described above. The table below shows examples of projects in the current funding stream. Not all estimated maintenance needs are captured in the projects below.

<table>
<thead>
<tr>
<th>Projects in Current Funding Stream</th>
<th>Estimated Project Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rehabilitate Fire Sprinkler Systems in Housing Parkwide</td>
<td>$314,000</td>
</tr>
<tr>
<td>Rehabilitate Anaktuvuk Pass Ranger Station Bunkhouse for Compliance with Federal Housing Standards</td>
<td>$143,000</td>
</tr>
<tr>
<td>Rehabilitate NPS Housing to Increase Insulation and Reduce Energy Consumption</td>
<td>$109,000</td>
</tr>
<tr>
<td>Rehabilitate the Marion Creek Housing Well to Implement Chlorination.</td>
<td>$103,000</td>
</tr>
<tr>
<td>Rehabilitate the Bettles Housing Water System Structure, Building 108</td>
<td>$98,000</td>
</tr>
</tbody>
</table>

3. Total Need includes deferred maintenance, other facility maintenance (such as corrective and emergency maintenance, component renewal, and demolition work that is not deferred), and capital improvement. The data is from work identified in the Facility Management Software System (FMSS) as of the end of FY 2018. Total need does not include annual recurring maintenance needs. Estimated project execution costs, such as compliance and design, are included only for paved roadways, paved parking areas, bridges, and tunnels.
4. Routine Maintenance represents modeled costs for recurring maintenance derived from NPS Operations and Maintenance cost models.
5. Cost estimates for projects are dependent on the current phase and size of each project’s scoping and costing process. Planning for larger, more complex projects requires a longer lead time and preconstruction activities may be funded separately. These estimates continue to be refined as scoping and design is completed and the project moves toward execution. Costs are rounded to the nearest thousand.
Infrastructure Inventory
The figures below show the park’s real property inventory by asset category as of the end of FY 2018.

- 113 Buildings
- 100 Miles of Trails
- 3 Campgrounds
- 1 Mile of Unpaved Roads
- 7 Waste Water Systems
- 26 Housing Units*
- 4 Miles of Paved Roads
- 59 All Other Assets†

*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.
†All Other assets include maintained landscapes, utility systems, marinas, aviation systems, and interpretive media.

Estimated Maintenance Needs
The chart below summarizes the park’s outstanding estimated maintenance needs as of the end of FY 2018.

- Total Need $40 M
- Deferred Maintenance $13 M
- Other Facility Maintenance $18 M
- Capital Improvement $9 M

There is also a $3 M annual Routine Maintenance requirement in addition to the costs shown above.

Estimated Maintenance Needs

<table>
<thead>
<tr>
<th>Buildings</th>
<th>Paved Roads &amp; Structures</th>
<th>$24 M for Buildings</th>
<th>$6 M for Paved Roads &amp; Structures</th>
<th>$10 M for all remaining asset categories</th>
</tr>
</thead>
</table>

Paved Roads & Structures includes paved roadways and paved parking areas.

Note: Estimated maintenance needs may not sum exactly to the total need due to rounding.

Project Funding
Project funding will help the park address its outstanding estimated maintenance needs described above. The table below shows examples of projects in the current funding stream. Not all estimated maintenance needs are captured in the projects below.

<table>
<thead>
<tr>
<th>Projects in Current Funding Stream</th>
<th>Estimated Project Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Repair Inner Lagoon Dock Appurtenances</td>
<td>$259,000</td>
</tr>
<tr>
<td>Rehabilitate Secondary Roads</td>
<td>$223,000</td>
</tr>
<tr>
<td>Rehabilitate Forest Loop Trail to Meet Accessibility Compliance</td>
<td>$172,000</td>
</tr>
<tr>
<td>Install Stand-by Generation Systems for Critical Systems</td>
<td>$161,000</td>
</tr>
<tr>
<td>Rehabilitate Historic Lagoon Island Cabin (GBQ01)</td>
<td>$95,000</td>
</tr>
</tbody>
</table>

3 Total Need includes deferred maintenance, other facility maintenance (such as corrective and emergency maintenance, component renewal, and demolition work that is not deferred), and capital improvement. The data is from work identified in the Facility Management Software System (FMSS) as of the end of FY 2018. Total need does not include annual recurring maintenance needs. Estimated project execution costs, such as compliance and design, are included only for paved roadways, paved parking areas, bridges, and tunnels.
4 Routine Maintenance represents modeled costs for recurring maintenance derived from NPS Operations and Maintenance cost models.
5 Cost estimates for projects are dependent on the current phase and size of each project’s scoping and costing process. Planning for larger, more complex projects requires a longer lead time and preconstruction activities may be funded separately. These estimates continue to be refined as scoping and design is completed and the project moves toward execution. Costs are rounded to the nearest thousand.
Infrastructure Inventory
The figures below show the park’s real property inventory by asset category as of the end of FY 2018.

- **148 Buildings**
- **21 Miles of Trails**
- **41 Housing Units**
- **1 Campground**
- **28 Miles of Unpaved Roads**
- **8 Water Systems**
- **5 Waste Water Systems**
- **0 Miles of Paved Roads**
- **72 All Other Assets**

*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

†All Other assets include trail bridges, maintained landscapes, utility systems, marinas, aviation systems, maintained archeological sites, and interpretive media.

Estimated Maintenance Needs
The chart below summarizes the park’s outstanding estimated maintenance needs as of the end of FY 2018.

There is also a $1 M annual Routine Maintenance requirement in addition to the costs shown above.

<table>
<thead>
<tr>
<th>Buildings and Unpaved Roads</th>
<th>Estimated Maintenance Needs</th>
</tr>
</thead>
<tbody>
<tr>
<td>$5 M for Buildings</td>
<td>$9 M for all remaining asset categories</td>
</tr>
<tr>
<td>$3 M for Unpaved Roads</td>
<td>Driven by trail bridges ($2 M) and housing ($2 M)</td>
</tr>
</tbody>
</table>

Note: Estimated maintenance needs may not sum exactly to the total need due to rounding.

Project Funding
Project funding will help the park address its outstanding estimated maintenance needs described above. The table below shows examples of projects in the current funding stream. Not all estimated maintenance needs are captured in the projects below.

<table>
<thead>
<tr>
<th>Projects in Current Funding Stream</th>
<th>Estimated Project Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Relocate NPS Administrative Structures from Sensitive Resources</td>
<td>$5,271,000</td>
</tr>
<tr>
<td>Replace South Side Accessible Trail and Access Ramp to Mitigate Human vs Bear Conflict</td>
<td>$3,545,000</td>
</tr>
<tr>
<td>Resurface Last Five Miles of the Valley of 10,000 Smokes Road</td>
<td>$1,666,000</td>
</tr>
<tr>
<td>Relocate Brooks Lake Employee Housing to Valley Road Administration Area</td>
<td>$435,000</td>
</tr>
<tr>
<td>Rehabilitate Marina Building to remove Mold and Reuse as Outboard Shop</td>
<td>$336,000</td>
</tr>
</tbody>
</table>

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3 Total Need includes deferred maintenance, other facility maintenance (such as corrective and emergency maintenance, component renewal, and demolition work that is not deferred), and capital improvement. The data is from work identified in the Facility Management Software System (FMSS) as of the end of FY 2018. Total need does not include annual recurring maintenance needs. Estimated project execution costs, such as compliance and design, are included only for paved roadways, paved parking areas, bridges, and tunnels.
4 Routine Maintenance represents modeled costs for recurring maintenance derived from NPS Operations and Maintenance cost models.
5 Cost estimates for projects are dependent on the current phase and size of each project’s scoping and costing process. Planning for larger, more complex projects requires a longer lead time and preconstruction activities may be funded separately. These estimates continue to be refined as scoping and design is completed and the project moves toward execution. Costs are rounded to the nearest thousand.
Infrastructure Inventory

The figures below show the park’s real property inventory by asset category as of the end of FY 2018.

- **46 Buildings**
- **10 Miles of Trails**
- **< 1 Mile of Unpaved Roads**
- **2 Campgrounds**
- **2 Waste Water Systems**
- **6 Housing Units**
- **2 Water Systems**
- **2 Miles of Paved Roads**
- **25 All Other Assets**

*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

*All Other assets include maintained landscapes, utility systems, maintained archeological sites, and interpretive media.

Estimated Maintenance Needs

The chart below summarizes the park’s outstanding estimated maintenance needs as of the end of FY 2018.

There is also a **$343 K annual Routine Maintenance** requirement in addition to the costs shown above.

Buildings and Trails have the highest estimated maintenance needs by asset category at the park. The figures below do not include the cost of Routine Maintenance.

- **$1 M for Buildings**
- **$400 K for Trails**

$1 M for all remaining asset categories

Driven by interpretive media ($1 M) and maintained archeological sites ($270 K)

Note: Estimated maintenance needs may not sum exactly to the total need due to rounding.

Project Funding

Project funding will help the park address its outstanding estimated maintenance needs described above. The table below shows examples of projects in the current funding stream. Not all estimated maintenance needs are captured in the projects below.

<table>
<thead>
<tr>
<th>Projects in Current Funding Stream</th>
<th>Estimated Project Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rehabilitate Exit Glacier Trails for Accessibility</td>
<td>$35,000</td>
</tr>
<tr>
<td>Removal and Replacement of Campground Water Pump and Concrete Pad for Accessibility</td>
<td>$20,000</td>
</tr>
</tbody>
</table>


3 Total Need includes deferred maintenance, other facility maintenance (such as corrective and emergency maintenance, component renewal, and demolition work that is not deferred), and capital improvement. The data is from work identified in the Facility Management Software System (FMSS) as of the end of FY 2018. Total need does not include annual recurring maintenance needs. Estimated project execution costs, such as compliance and design, are included only for paved roadways, paved parking areas, bridges, and tunnels.

4 Routine Maintenance represents modeled costs for recurring maintenance derived from NPS Operations and Maintenance cost models.

5 Cost estimates for projects are dependent on the current phase and size of each project’s scoping and costing process. Planning for larger, more complex projects requires a longer lead time and preconstruction activities may be funded separately. These estimates continue to be refined as scoping and design is completed and the project moves toward execution. Costs are rounded to the nearest thousand.
Infrastructure Inventory

The figures below show the park’s real property inventory by asset category as of the end of FY 2018.

- **69 Buildings**
- **38 Miles of Trails**
- **13 Housing Units**
- **5 Campgrounds**
- **4 Miles of Unpaved Roads**
- **0 Water Systems**
- **0 Miles of Paved Roads**
- **55 All Other Assets**

*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

1 All Other assets include trail bridges, maintained landscapes, utility systems, aviation systems, maintained archeological sites, and interpretive media.

Estimated Maintenance Needs

The chart below summarizes the park’s outstanding estimated maintenance needs as of the end of FY 2018.

- **Total Need $7 M**
  - Capital Improvement $2 M
  - Other Facility Maintenance $238 K
  - Deferred Maintenance $5 M

There is also a **$548 K annual Routine Maintenance** requirement in addition to the costs shown above.

| Buildings and Trails have the highest estimated maintenance needs by asset category at the park. The figures below do not include the cost of Routine Maintenance. |
| $3 M for Buildings | $1 M for Trails | $3 M for all remaining asset categories Driven by housing ($1 M) and interpretive media ($707 K) |

Note: Estimated maintenance needs may not sum exactly to the total need due to rounding.

Project Funding

Project funding will help the park address its outstanding estimated maintenance needs described above. The table below shows examples of projects in the current funding stream. Not all estimated maintenance needs are captured in the projects below.

<table>
<thead>
<tr>
<th>Projects in Current Funding Stream</th>
<th>Estimated Project Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Relocate and Rehabilitate Historic Frye-Bruhn Cold Storage Building (Ice House)</td>
<td>$998,000</td>
</tr>
<tr>
<td>Re-build and Re-route Accessible Riverside Trail to Connect Historic Dyea Townsite to Dyea and Chilkoot Trail</td>
<td>$329,000</td>
</tr>
<tr>
<td>Relocate and Rehabilitate Klondike Gold Rush era Patterson-McDermott Cabin</td>
<td>$301,000</td>
</tr>
<tr>
<td>Replace Deteriorating Fire Suppression System at the Historic Lynch and Kennedy Haberdashery</td>
<td>$246,000</td>
</tr>
<tr>
<td>Replace Chilkoot Overnight Parking Area, Phase III of IV</td>
<td>$160,000</td>
</tr>
</tbody>
</table>

3 Total Need includes deferred maintenance, other facility maintenance (such as corrective and emergency maintenance, component renewal, and demolition work that is not deferred), and capital improvement. The data is from work identified in the Facility Management Software System (FMSS) as of the end of FY 2018. Total need does not include annual recurring maintenance needs. Estimated project execution costs, such as compliance and design, are included only for paved roadways, paved parking areas, bridges, and tunnels.
4 Routine Maintenance represents modeled costs for recurring maintenance derived from NPS Operations and Maintenance cost models.
5 Cost estimates for projects are dependent on the current phase and size of each project’s scoping and costing process. Planning for larger, more complex projects requires a longer lead time and preconstruction activities may be funded separately. These estimates continue to be refined as scoping and design is completed and the project moves toward execution. Costs are rounded to the nearest thousand.
Infrastructure Inventory

The figures below show the park’s real property inventory by asset category as of the end of FY 2018.

- **Buildings**: 78
- **Trails**: 51 Miles
- **Housing Units**: 17
- **Campgrounds**: 0
- **Unpaved Roads**: 3 Miles
- **Water Systems**: 4
- **Paved Roads**: 0
- **All Other Assets**: 59

*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

All Other assets include maintained landscapes, utility systems, marinas, monuments, and interpretive media.

Estimated Maintenance Needs

The chart below summarizes the park’s outstanding estimated maintenance needs as of the end of FY 2018.

- Capital Improvement: $1 M
- Deferred Maintenance: $2 M
- Total Need: $4 M
- Other Facility Maintenance: $301 K

There is also a $486 K annual Routine Maintenance requirement in addition to the costs shown above.

### Buildings and Housing have the highest estimated maintenance needs by asset category at the park. The figures below do not include the cost of Routine Maintenance.

- **Buildings**: $1 M
- **Housing**: $773 K
- **All Remaining Asset Categories**: $2 M

Note: Estimated maintenance needs may not sum exactly to the total need due to rounding.

Project Funding

Project funding will help the park address its outstanding estimated maintenance needs described above. The table below shows examples of projects in the current funding stream. Not all estimated maintenance needs are captured in the projects below.

<table>
<thead>
<tr>
<th>Projects in Current Funding Stream</th>
<th>Estimated Project Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Provide Subsistence Access: Complete Woodlot Route as required by Alaska National Interest Lands Conservation Act</td>
<td>$117,000</td>
</tr>
<tr>
<td>Replace Outdoor Firing Range</td>
<td>$87,000</td>
</tr>
<tr>
<td>Improve Condition and Accessibility of Tanalian Falls Trail</td>
<td>$50,000</td>
</tr>
</tbody>
</table>

---

3. Total Need includes deferred maintenance, other facility maintenance (such as corrective and emergency maintenance, component renewal, and demolition work that is not deferred), and capital improvement. The data is from work identified in the Facility Management Software System (FMSS) as of the end of FY 2018. Total need does not include annual recurring maintenance needs. Estimated project execution costs, such as compliance and design, are included only for paved roadways, paved parking areas, bridges, and tunnels.
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Infrastructure Inventory
The figures below show the park’s real property inventory by asset category as of the end of FY 2018.

- **10 Buildings**
- **2 Miles of Trails**
- **3 Housing Units**
- **0 Campgrounds**
- **0 Miles of Unpaved Roads**
- **0 Water Systems**
- **0 Miles of Paved Roads**
- **37 All Other Assets**

*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

†All Other assets include trail bridges, maintained landscapes, boundaries, utility systems, monuments, maintained archeological sites, and interpretive media.

Building Inventory and Paved Roads & Structures have the highest estimated maintenance needs by asset category at the park. The figures below do not include the cost of Routine Maintenance.

- **$1 M for Buildings**
- **$878 K for Paved Roads & Structures**
- **$2 M for all remaining asset categories**

Paved Roads & Structures includes paved parking areas.

Note: Estimated maintenance needs may not sum exactly to the total need due to rounding.

Estimated Maintenance Needs
The chart below summarizes the park’s outstanding estimated maintenance needs as of the end of FY 2018.

There is also a **$238 K annual Routine Maintenance** requirement in addition to the costs shown above.

Project Funding
Project funding will help the park address its outstanding estimated maintenance needs described above. The table below shows examples of projects in the current funding stream. Not all estimated maintenance needs are captured in the projects below.

<table>
<thead>
<tr>
<th>Projects in Current Funding Stream</th>
<th>Estimated Project Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stabalize and Protect Kiksadi Fort Site from Water Erosion</td>
<td>$457,000</td>
</tr>
<tr>
<td>Correct Deficiencies in Sitka Visitor Center’s HVAC System</td>
<td>$101,000</td>
</tr>
<tr>
<td>Restore the Battle of Sitka’s 1804 Battlefield to the Condition During the Period of Significance</td>
<td>$100,000</td>
</tr>
</tbody>
</table>

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3. Total Need includes deferred maintenance, other facility maintenance (such as corrective and emergency maintenance, component renewal, and demolition work that is not deferred), and capital improvement. The data is from work identified in the Facility Management Software System (FMSS) as of the end of FY 2018. Total need does not include annual recurring maintenance needs. Estimated project execution costs, such as compliance and design, are included only for paved roadways, paved parking areas, bridges, and tunnels.
4. Routine Maintenance represents modeled costs for recurring maintenance derived from NPS Operations and Maintenance cost models.
5. Cost estimates for projects are dependent on the current phase and size of each project’s scoping and costing process. Planning for larger, more complex projects requires a longer lead time and preconstruction activities may be funded separately. These estimates continue to be refined as scoping and design is completed and the project moves toward execution. Costs are rounded to the nearest thousand.
**Infrastructure Inventory**

The figures below show the park’s real property inventory by asset category as of the end of FY 2018.

- **41 Buildings**
- **403 Miles of Trails**
- **15 Housing Units**
- **0 Campgrounds**
- **0 Miles of Unpaved Roads**
- **0 Water Systems**
- **1 Waste Water System**
- **0 Miles of Paved Roads**
- **17 All Other Assets**

*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

† All Other assets include maintained landscapes, utility systems, and interpretive media.

**Estimated Maintenance Needs**

The chart below summarizes the park’s outstanding estimated maintenance needs as of the end of FY 2018.

There is also a $2 M annual Routine Maintenance requirement in addition to the costs shown above.

<table>
<thead>
<tr>
<th>Total Need</th>
<th>$757 K</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deferred Maintenance</td>
<td>$444 K</td>
</tr>
<tr>
<td>Capital Improvement</td>
<td>$84 K</td>
</tr>
<tr>
<td>Other Facility Maintenance</td>
<td>$229 K</td>
</tr>
</tbody>
</table>

**Buildings** and **Housing** have the highest **estimated maintenance needs** by asset category at the park. The figures below do not include the cost of Routine Maintenance.

- **Buildings**: $643 K
- **Housing**: $86 K
- **All remaining asset categories**: $28 K

Driven by fuel systems ($28 K)

*Note: Estimated maintenance needs may not sum exactly to the total need due to rounding.*

**Project Funding**

Project funding will help the park address its outstanding estimated maintenance needs described above. The table below shows an example project in the current funding stream. Not all estimated maintenance needs are captured in the project below.

<table>
<thead>
<tr>
<th>Project in Current Funding Stream</th>
<th>Estimated Project Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rehabilitate Six Emergency Public Use Shelter Cabins at Bering Land Bridge</td>
<td>$129,000</td>
</tr>
</tbody>
</table>

---

1. Cape Krusenstern National Monument, Kobuk Valley National Park, and Noatak National Preserve are included as they are co-managed with Western Artic National Parklands.
4. Total Need includes deferred maintenance, other facility maintenance (such as corrective and emergency maintenance, component renewal, and demolition work that is not deferred), and capital improvement. The data is from work identified in the Facility Management Software System (FMSS) as of the end of FY 2018. Total need does not include annual recurring maintenance needs. Estimated project execution costs, such as compliance and design, are included only for paved roadways, paved parking areas, bridges, and tunnels.
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Infrastructure Inventory

The figures below show the park’s real property inventory by asset category as of the end of FY 2018.

<table>
<thead>
<tr>
<th>Buildings</th>
<th>Trails</th>
<th>Water Systems</th>
</tr>
</thead>
<tbody>
<tr>
<td>145</td>
<td>203</td>
<td>15</td>
</tr>
<tr>
<td>2 Campgrounds</td>
<td>2 Miles of Unpaved Roads</td>
<td>&lt; 1 Mile of Paved Roads</td>
</tr>
<tr>
<td>35 Housing Units*</td>
<td>11 Water Systems</td>
<td>115 All Other Assets†</td>
</tr>
</tbody>
</table>

*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.
†All Other assets include trail bridges, maintained landscapes, utility systems, constructed waterways, aviation systems, and interpretive media.

Estimated Maintenance Needs

The chart below summarizes the park’s outstanding estimated maintenance needs as of the end of FY 2018.

There is also a $2 M annual Routine Maintenance requirement in addition to the costs shown above.

Buildings and Trails have the highest estimated maintenance needs by asset category at the park. The figures below do not include the cost of Routine Maintenance.

<table>
<thead>
<tr>
<th>Buildings</th>
<th>Trails</th>
<th>All Remaining Asset Categories</th>
</tr>
</thead>
<tbody>
<tr>
<td>$11 M</td>
<td>$7 M</td>
<td>Driven by maintained landscapes ($2 M) and paved roads ($2 M)</td>
</tr>
</tbody>
</table>

Note: Estimated maintenance needs may not sum exactly to the total need due to rounding.

Project Funding

Project funding will help the park address its outstanding estimated maintenance needs described above. The table below shows examples of projects in the current funding stream. Not all estimated maintenance needs are captured in the projects below.

<table>
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<tr>
<th>Projects in Current Funding Stream</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Replace Deficient VC/HQ Water Treatment System</td>
<td>$4,277,000</td>
</tr>
<tr>
<td>Rehabilitate Kennecott Leach Plant Foundation</td>
<td>$2,519,000</td>
</tr>
<tr>
<td>Replace Water System Intake with Water Wells at Kennecott</td>
<td>$238,000</td>
</tr>
<tr>
<td>Replace and Upgrade Kennecott Electricity Generation System</td>
<td>$230,000</td>
</tr>
<tr>
<td>Kennecott Company Store Rehabilitation</td>
<td>$138,000</td>
</tr>
</tbody>
</table>

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Yukon - Charley Rivers National Preserve
Infrastructure Fact Sheet

1 Thousand Annual Visitors
$823 Thousand in Economic Output

Infrastructure Inventory
The figures below show the park’s real property inventory by asset category as of the end of FY 2018.

- 66 Buildings
- 27 Miles of Trails
- 10 Housing Units*
- 0 Campgrounds
- 0 Miles of Unpaved Roads
- 3 Water Systems
- 0 Miles of Paved Roads
- 21 All Other Assets†
- 3 Waste Water Systems

*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.
†All Other assets include maintained landscapes, utility systems, aviation systems, and interpretive media.

Estimated Maintenance Needs
The chart below summarizes the park’s outstanding estimated maintenance needs as of the end of FY 2018.

There is also a $678 K annual Routine Maintenance requirement in addition to the costs shown above.

Buildings and Housing have the highest estimated maintenance needs by asset category at the park. The figures below do not include the cost of Routine Maintenance.

- $1 M for Buildings
- $110 K for Housing
- $319 K for all remaining asset categories

Note: Estimated maintenance needs may not sum exactly to the total need due to rounding.

Project Funding
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<th>Projects in Current Funding Stream</th>
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<tbody>
<tr>
<td>Rehab Eagle Ranger Station Visitor Center for Energy Conservation and Occupancy</td>
<td>$168,000</td>
</tr>
<tr>
<td>Rehabilitate Maintenance Building by Replacing Failed Building System Components</td>
<td>$149,000</td>
</tr>
<tr>
<td>Rehabilitate and Relocate the Eagle Aviation Center Fuel Distribution System and Equipment.</td>
<td>$121,000</td>
</tr>
<tr>
<td>Cyclic Replacement Coal Creek Camp Propane Generator</td>
<td>$89,000</td>
</tr>
<tr>
<td>Rehabilitate Water System Infrastructure to Add Year Round Chlorination Capability- Eagle</td>
<td>$78,000</td>
</tr>
</tbody>
</table>

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