Infrastructure Inventory

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

- **152 Buildings**
- **190 Miles of Trails**
- **17 Housing Units**
- **11 Campgrounds**
- **17 Miles of Unpaved Roads**
- **16 Water Systems**
- **15 Waste Water Systems**
- **6 Miles of Paved Roads**
- **177 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.

¹All Other assets include maintained landscapes, utility systems, marinas, monuments, 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 **$2 M annual Routine Maintenance** requirement in addition to the costs shown above.

### Buildings and Paved Roads & Structures

These 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**
- **$2 M for Paved Roads & Structures**
- **$7 M for all remaining asset categories** Driven by marinas ($2 M) and campgrounds ($1 M)

¹Paved 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>Improve Visitor Safety by Repairing Kettle Falls Lakewall</td>
<td>$252,000</td>
</tr>
<tr>
<td>Rehabilitate Harbor Docks In The Rainy Lake Basin</td>
<td>$229,000</td>
</tr>
<tr>
<td>Rebuild and repair docks in the Namakan basin</td>
<td>$154,000</td>
</tr>
<tr>
<td>Rehabilitate and Improve Visitor Safety on Dock Systems</td>
<td>$124,000</td>
</tr>
<tr>
<td>Repair Rainy Lake Campsite Docks</td>
<td>$124,000</td>
</tr>
</tbody>
</table>


³Total 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.

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

⁵Cost 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.