



Intermountain Region Infrastructure Fact Sheets

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¹ There are 2 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 2 parks (left column) are included as a sub-set of the larger parks (right column).

| Sub Park | Parent Unit |
|---|--|
| Hohokam Pima National Monument (PIMA) | Casa Grande Ruins National Monument (CAGR) |
| Rio Grande Wild and Scenic River (RIGR) | Big Bend National Park (BIBE) |



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Alibates Flint Quarries National Monument Infrastructure Fact Sheet



9 Thousand Annual Visitors¹



\$649 Thousand in Economic Output²

Infrastructure Inventory

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

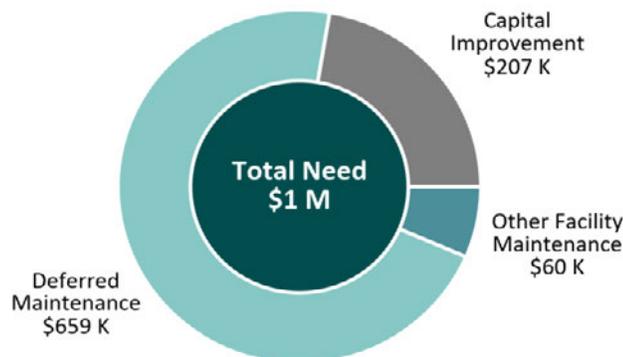


*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

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

Estimated Maintenance Needs³

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



There is also a **\$790 K annual Routine Maintenance⁴** 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.



[‡]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 an example project in the current funding stream. Not all estimated maintenance needs are captured in the project below.

| Project in Current Funding Stream | Estimated Project Cost ⁵ |
|---|-------------------------------------|
| Rehabilitation and Preservation (3R) Work on Park Roads | \$1,452,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Amistad National Recreation Area Infrastructure Fact Sheet



1.3 Million
Annual Visitors¹



\$58 Million
in Economic Output²

Infrastructure Inventory

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

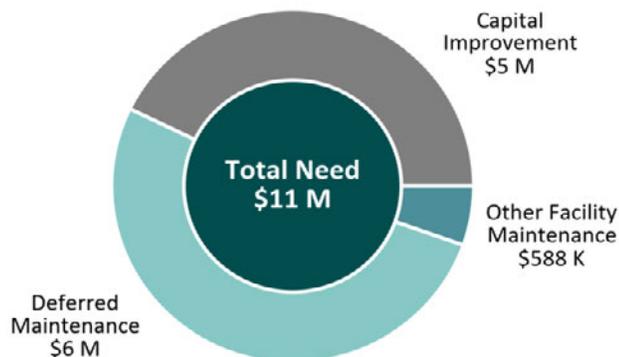


*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

†All Other assets include maintained landscapes, utility systems, marinas, monuments, maintained archeological sites, interpretive media, and amphitheaters.

Estimated Maintenance Needs³

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



There is also a **\$641 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] and **Water Systems** have the highest **estimated maintenance needs** by asset category at the park. The figures below do not include the cost of Routine Maintenance.



\$4 M for Paved Roads & Structures



\$1 M for Water Systems

\$6 M for all remaining asset categories
Driven by marinas (\$3 M) and waste water systems (\$702 K)

[‡]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 an example project in the current funding stream. Not all estimated maintenance needs are captured in the project below.

| Project in Current Funding Stream | Estimated Project Cost ⁵ |
|------------------------------------|-------------------------------------|
| Rehabilitate Pecos Comfort Station | \$256,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Arches National Park Infrastructure Fact Sheet



1.7 Million
Annual Visitors¹



\$264 Million
in Economic Output²

Infrastructure Inventory

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

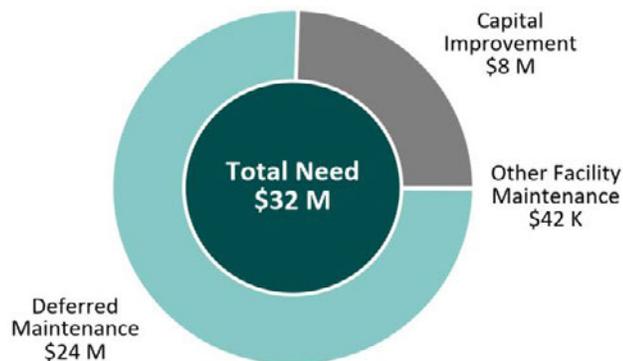


*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

[†]All Other assets include trail bridges, maintained landscapes, boundaries, utility systems, dams, interpretive media, and amphitheatres.

Estimated Maintenance Needs³

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



There is also a **\$898 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] 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.



[‡]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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|---|-------------------------------------|
| Construct Bridges Over Three Wash Crossings along the Delicate Arch | \$9,733,000 |
| Reconstruct Retaining Wall at Headquarters Area to Prevent Storm Water Damage | \$369,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Aztec Ruins National Monument Infrastructure Fact Sheet



64 Thousand Annual Visitors¹



\$4.5 Million in Economic Output²

Infrastructure Inventory

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



10 Buildings



3 Miles of Trails



0 Housing Units*



0 Campgrounds



2 Miles of Unpaved Roads



3 Water Systems



4 Waste Water Systems



< 1 Mile of Paved Roads



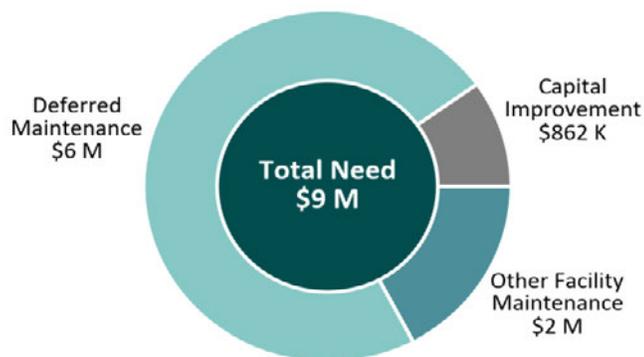
27 All Other Assets[†]

*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, interpretive media, and amphitheatres.

Estimated Maintenance Needs³

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 Maintenance⁴** 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



\$390 K for Trails

\$6 M for all remaining asset categories

Driven by maintained archeological sites (\$4 M) and maintained landscapes (\$630 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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|--|-------------------------------------|
| Reduce Footprint by Converting Storage Facility into Monument Headquarters | \$393,000 |
| Upgrade Inadequate Heating and Air-Conditioning Systems and Insulation in Four Buildings | \$218,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Bandelier National Monument Infrastructure Fact Sheet



201 Thousand Annual Visitors¹



\$16 Million in Economic Output²



Infrastructure Inventory

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



42 Buildings



79 Miles of Trails



35 Housing Units*



2 Campgrounds



2 Miles of Unpaved Roads



4 Water Systems



8 Waste Water Systems



6 Miles of Paved Roads



64 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, interpretive media, and amphitheatres.

Estimated Maintenance Needs³

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 Maintenance⁴** 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.



\$4 M for Buildings



\$4 M for Housing

\$11 M for all remaining asset categories
Driven by paved roads (\$4 M) and trails (\$3 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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|---|-------------------------------------|
| Build Shuttle Service Expansion Parking Lot at Trailhead | \$3,732,000 |
| Replacement of Sewer Lagoon Liners at Frijoles and Mesa Locations | \$1,781,000 |
| Replace Sewer System at Agoyo Road | \$601,000 |
| Repair Historic Walkways in Residential Areas | \$183,000 |
| Rehabilitate Historic Comfort Station HB-01 | \$119,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Bent's Old Fort National Historic Site Infrastructure Fact Sheet



22 Thousand
Annual Visitors¹



\$1.6 Million
in Economic Output²

Infrastructure Inventory

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

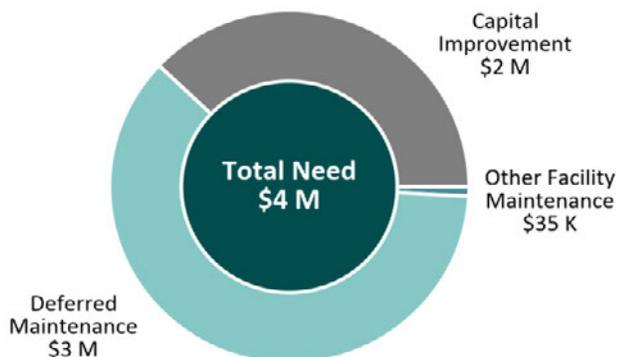


*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

[†]All Other assets include maintained landscapes, utility systems, constructed waterways, monuments, and fortifications.

Estimated Maintenance Needs³

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



There is also a **\$101 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Unpaved Roads 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 Unpaved Roads



\$407 K for Buildings

\$3 M for all remaining asset categories

Driven by fortifications (\$2 M) and maintained landscapes (\$340 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.

| Project in Current Funding Stream | Estimated Project Cost ⁵ |
|--|-------------------------------------|
| Repair And Upgrade The Park's Maintenance Road | \$109,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Big Bend National Park¹ Infrastructure Fact Sheet



464 Thousand
Annual Visitors²



\$47 Million
in Economic Output³

Infrastructure Inventory

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



181
Buildings



161 Miles of
Trails



115
Housing
Units*



48 Camp-
grounds



217 Miles of
Unpaved
Roads



6 Water
Systems



16 Waste
Water
Systems



122 Miles of
Paved Roads



62 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, maintained archeological sites, interpretive media, and amphitheatres.

Estimated Maintenance Needs⁴

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 Maintenance⁵** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] 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.



\$68 M for Paved Roads & Structures



\$11 M for Buildings

\$23 M for all remaining asset categories

Driven by water systems (\$10 M) and waste water systems (\$5 M)

[‡]Paved Roads & Structures includes paved roadways, paved parking areas, bridges, and tunnels.

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.

| Projects in Current Funding Stream | Estimated Project Cost ⁶ |
|--|-------------------------------------|
| Rehabilitate Castolon Water System | \$783,000 |
| Rehabilitate Water System at KBar Area | \$597,000 |
| Rehabilitate Rio Grande Village Comfort Stations | \$281,000 |
| Rehabilitate Heavily-Used Window Trail | \$135,000 |

¹Rio Grande Wild & Scenic River is included as it is co-managed with Big Bend National Park.

²National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

³Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

⁴Total 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.

⁵Routine Maintenance represents modeled costs for recurring maintenance derived from NPS Operations and Maintenance cost models.

⁶Cost 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.



Big Thicket National Preserve Infrastructure Fact Sheet



256 Thousand Annual Visitors¹



\$22 Million in Economic Output²

Infrastructure Inventory

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



42 Buildings



34 Miles of Trails



2 Housing Units*



0 Campgrounds



16 Miles of Unpaved Roads



6 Water Systems



6 Waste Water Systems



0 Miles of Paved Roads



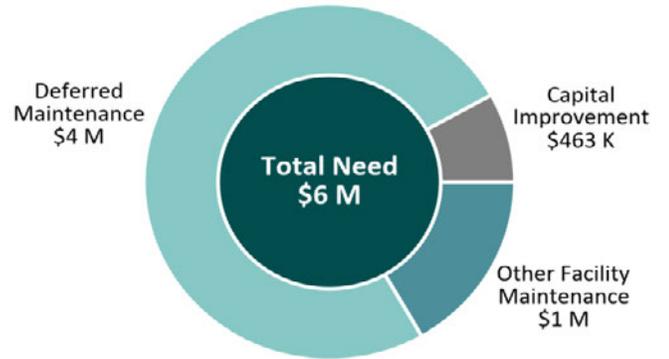
41 All Other Assets[†]

*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, marinas, and interpretive media.

Estimated Maintenance Needs³

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



There is also a **\$650 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Trails 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.



\$2 M for Trails



\$751 K for Buildings

\$3 M for all remaining asset categories

Driven by boundaries (\$1 M) and trail bridges (\$601 K)

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

Project Funding

Big Thicket National Preserve does not have any projects in the formulated lists released publicly.⁵

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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).



Bighorn Canyon National Recreation Area Infrastructure Fact Sheet



250 Thousand
Annual Visitors¹



\$13 Million
in Economic Output²

Infrastructure Inventory

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



*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, boundaries, utility systems, constructed waterways, marinas, aviation systems, maintained archeological sites, interpretive media, and amphitheaters.

Estimated Maintenance Needs³

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 Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] 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.

\$19 M for Paved Roads & Structures

\$5 M for Buildings

\$7 M for all remaining asset categories
Driven by marinas (\$2 M) and unpaved roads (\$2 M)

‡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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|--|-------------------------------------|
| Repair Horseshoe Bend Waste Water System Components | \$1,636,000 |
| Rehabilitate Ok-a-beh Stair System, Fuel and Ancillary Docks | \$680,000 |
| Replace Floating Comfort Stations at Devil and Dryhead Canyons | \$443,000 |
| Repair Lockhart Lane Boundary Fence | \$393,000 |
| Rehabilitate Four Structures at Three Historic Ranches | \$154,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Black Canyon of the Gunnison National Park Infrastructure Fact Sheet



433 Thousand
Annual Visitors¹



\$34 Million
in Economic Output²

Infrastructure Inventory

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



32 Buildings



21 Miles of
Trails



7 Housing
Units*



3 Camp-
grounds



17 Miles of
Unpaved
Roads



6 Water
Systems



4 Waste
Water
Systems



9 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, boundaries, utility systems, interpretive media, and amphitheaters.

Estimated Maintenance Needs³

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



There is also a **\$493 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] 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.



**\$6 M for Paved Roads
& Structures**



\$642 K for Trails

\$2 M for all remaining asset categories
Driven by buildings (\$630 K) and housing (\$444 K)

[‡]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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|---|-------------------------------------|
| Repair Road Surface at BLCA Entrance | \$936,000 |
| Rehabilitate South Rim Amphitheater and Reconfigure for Accessibility | \$208,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Bryce Canyon National Park Infrastructure Fact Sheet



2.6 Million
Annual Visitors¹



\$269 Million
in Economic Output²

Infrastructure Inventory

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



71 Buildings



78 Miles of
Trails



48 Housing
Units*



5 Camp-
grounds



6 Miles of
Unpaved
Roads



2 Water
Systems



3 Waste
Water
Systems



38 Miles of
Paved Roads



33 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 amphitheatres.

Estimated Maintenance Needs³

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 Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] 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.



**\$16 M for Paved Roads
& Structures**



\$7 M for Buildings

\$12 M for all remaining asset categories
Driven by trails (\$4 M) and water systems (\$3 M)

[‡]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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|--|-------------------------------------|
| Repair and Rehabilitate the Fairyland Loop Trail | \$481,000 |
| Rehabilitate Exterior Siding of Duplex Units 26, 27, and 28 | \$453,000 |
| Pulverize and Overlay North Campground Picnic Area Parking and Roadway | \$433,000 |
| Repair Damage to Shuttle Stops & Installation of Visitor Center Stop | \$275,000 |
| Replace Two Above Ground Fuel Tanks in the Maintenance Area | \$58,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Canyon de Chelly National Monument Infrastructure Fact Sheet



461 Thousand
Annual Visitors¹



\$36 Million
in Economic Output²

Infrastructure Inventory

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



39 Buildings



16 Miles of
Trails



13 Housing
Units*



1 Camp-
ground



45 Miles of
Unpaved
Roads



1 Water
System



1 Waste
Water
System



27 Miles of
Paved Roads



20 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, interpretive media, and amphitheatres.

Estimated Maintenance Needs³

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 Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] 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.



**\$14 M for Paved Roads
& Structures**



\$2 M for Buildings

\$4 M for all remaining asset categories

Driven by interpretive media (\$1 M) and trails (\$566 K)

[‡]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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|---|-------------------------------------|
| Rehabilitate Park Water System | \$316,000 |
| Replace Visitor Center Security Surveillance System | \$124,000 |
| Rehabilitate Second Section of Bat Trail | \$116,000 |
| Replace Alarm System in Visitor Center | \$83,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Canyonlands National Park Infrastructure Fact Sheet



734 Thousand Annual Visitors¹



\$55 Million in Economic Output²

Infrastructure Inventory

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



*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, boundaries, utility systems, maintained archeological sites, and amphitheatres.

Estimated Maintenance Needs³

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



There is also a **\$3 M annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] 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.



‡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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|--|-------------------------------------|
| Replace Primary Power Diesel Generation System | \$1,642,000 |
| Replace Propane Tank at the Needles District | \$162,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Capitol Reef National Park Infrastructure Fact Sheet



1.2 Million
Annual Visitors¹



\$102 Million
in Economic Output²

Infrastructure Inventory

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

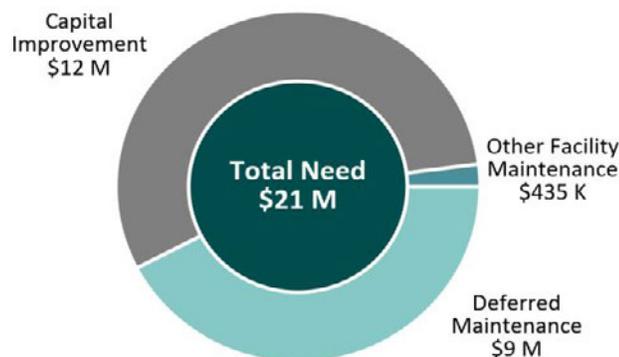


*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

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

Estimated Maintenance Needs³

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 Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] 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.

\$16 M for Paved Roads & Structures

\$882 K for Buildings

\$5 M for all remaining asset categories
Driven by maintained landscapes (\$1 M) and trails (\$800 K)

[‡]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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|---|-------------------------------------|
| Rehabilitate Visitor Center Parking Area | \$712,000 |
| Replace Rim Repeater Housing | \$123,000 |
| Install Transfer Switch and Electrical Equipment | \$122,000 |
| Replace Roof Covering and Restore Original Roof Line on Historic Ranger Station | \$78,000 |
| Rehabilitate Visitor Center Outdoor North Area | \$31,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Capulin Volcano National Monument Infrastructure Fact Sheet



82 Thousand Annual Visitors¹



\$2.5 Million in Economic Output²



Infrastructure Inventory

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

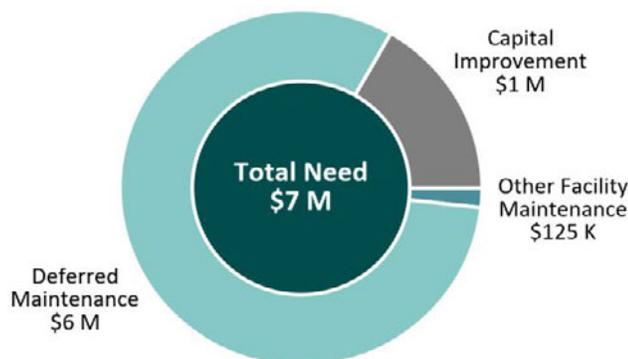


*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

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

Estimated Maintenance Needs³

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



There is also a **\$158 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Buildings 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.



\$3 M for Buildings



\$2 M for Paved Roads & Structures

\$1 M for all remaining asset categories

Driven by water systems (\$808 K) and boundaries (\$176 K)

[‡]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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|--|-------------------------------------|
| Remove and Replace 5.15 Miles of Boundary Fence | \$260,000 |
| Replace Visitor Center Roof | \$198,000 |
| Rehabilitate Visitor Center Building Heating Systems | \$79,000 |
| Rehabilitate Historic Rock Building and Storage Area | \$61,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Carlsbad Caverns National Park Infrastructure Fact Sheet



441 Thousand Annual Visitors¹



\$32 Million in Economic Output²

Infrastructure Inventory

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



*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, boundaries, utility systems, constructed waterways, interpretive media, and amphitheaters.

Estimated Maintenance Needs³

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 Maintenance⁴** 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.



\$25 M for Buildings



\$2 M for Trails

\$18 M for all remaining asset categories

Driven by electrical systems (\$8 M) and waste water systems (\$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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|--|-------------------------------------|
| Modernize Water and Sewer Systems | \$1,107,000 |
| Rehabilitate Historic Building #16, Superintendent Complex | \$838,000 |
| Replace Concrete Irrigation Ditch at Rattlesnake Springs | \$758,000 |
| Rehabilitate Maintenance Office and Shop | \$461,000 |
| Repair Water Transmission Pipeline Right of Way | \$394,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Casa Grande Ruins National Monument¹ Infrastructure Fact Sheet



68 Thousand
Annual Visitors²



\$6.1 Million
in Economic Output³

Infrastructure Inventory

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



11 Buildings



< 1 Mile of
Trails



2 Housing
Units*



1 Camp-
ground



1 Mile of
Unpaved
Roads



1 Water
System



1 Waste
Water
System



< 1 Mile of
Paved Roads



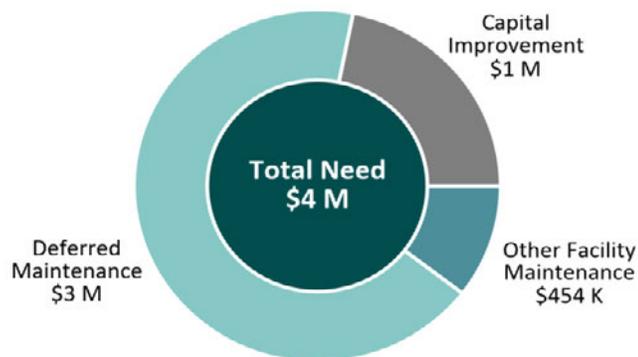
85 All Other
Assets[†]

*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, boundaries, utility systems, maintained archeological sites, and interpretive media.

Estimated Maintenance Needs⁴

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 Maintenance⁵** requirement in addition to the costs shown above.

Buildings 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.



\$2 M for Buildings



**\$1 M for Paved Roads
& Structures**

\$1 M for all remaining asset categories

Driven by water systems (\$464 K) and housing (\$169 K)

[‡]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.

| Projects in Current Funding Stream | Estimated Project Cost ⁶ |
|---|-------------------------------------|
| Rehabilitate Park Roads | \$1,755,000 |
| Building Upgrades and Repairs Facilities | \$404,000 |
| Replace Domestic Water System Components | \$329,000 |
| Replace Park Sewer Main | \$258,000 |
| Increase Generation Capacity of Photovoltaic System | \$204,000 |

¹ Hohokam Pima National Monument is included as it is co-managed with Casa Grande Ruins National Monument.

² National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

³ Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.

⁵ Routine Maintenance represents modeled costs for recurring maintenance derived from NPS Operations and Maintenance cost models.

⁶ 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.



Cedar Breaks National Monument Infrastructure Fact Sheet



580 Thousand Annual Visitors¹



\$44 Million in Economic Output²

Infrastructure Inventory

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



10 Buildings



9 Miles of Trails



5 Housing Units*



1 Camp-ground



1 Mile of Unpaved Roads



1 Water System



3 Waste Water Systems



15 Miles of Paved Roads



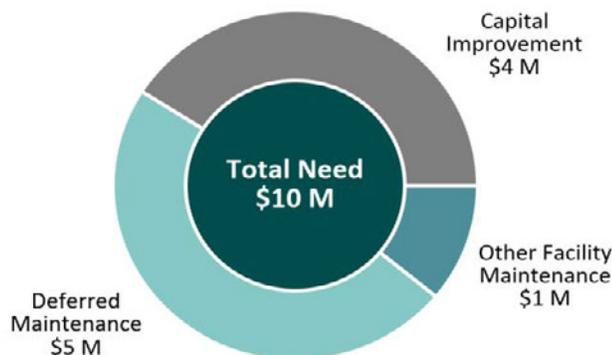
9 All Other Assets[†]

*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, boundaries, utility systems, interpretive media, and amphitheaters.

Estimated Maintenance Needs³

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



There is also a **\$269 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] 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.



\$4 M for Paved Roads & Structures



\$1 M for Trails

\$4 M for all remaining asset categories

Driven by buildings (\$1 M) and maintained landscapes (\$1 M)

[‡]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

Cedar Breaks National Monument does not have any projects in the formulated lists released publicly.⁵

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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).



Chaco Culture National Historical Park Infrastructure Fact Sheet



47 Thousand
Annual Visitors¹



\$3.4 Million
in Economic Output²

Infrastructure Inventory

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



30 Buildings



26 Miles of
Trails



17 Housing
Units*



2 Camp-
grounds



23 Miles of
Unpaved
Roads



1 Water
System



1 Waste
Water
System



12 Miles of
Paved Roads



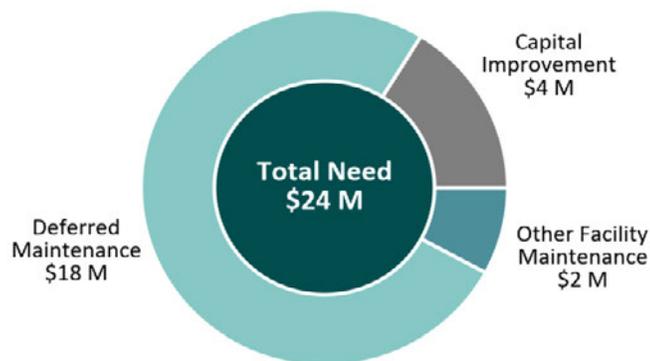
56 All Other
Assets[†]

*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, boundaries, utility systems, maintained archeological sites, interpretive media, and amphitheaters.

Estimated Maintenance Needs³

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 Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] 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.



**\$7 M for Paved Roads
& Structures**



\$2 M for Buildings

\$15 M for all remaining asset categories

Driven by maintained archeological sites (\$4 M) and housing (\$2 M)

[‡]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 an example project in the current funding stream. Not all estimated maintenance needs are captured in the project below.

| Project in Current Funding Stream | Estimated Project Cost ⁵ |
|---|-------------------------------------|
| Rehabilitate Building Electrical Systems Parkwide | \$542,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Chamizal National Memorial Infrastructure Fact Sheet



38 Thousand Annual Visitors¹



\$2.9 Million in Economic Output²

Infrastructure Inventory

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



5 Buildings



2 Miles of Trails



0 Housing Units*



0 Campgrounds



0 Miles of Unpaved Roads



2 Water Systems



1 Waste Water System



< 1 Mile of Paved Roads



34 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, monuments, interpretive media, and amphitheatres.

Estimated Maintenance Needs³

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



There is also a **\$145 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Buildings 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



\$1 M for Paved Roads & Structures

\$1 M for all remaining asset categories

Driven by trails (\$466 K) and interpretive media (\$304 K)

[‡]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

Chamizal National Memorial does not have any projects in the formulated lists released publicly.⁵

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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).



Chickasaw National Recreation Area Infrastructure Fact Sheet



1.4 Million
Annual Visitors¹



\$18 Million
in Economic Output²

Infrastructure Inventory

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



*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, dams, constructed waterways, marinas, interpretive media, and amphitheatres.

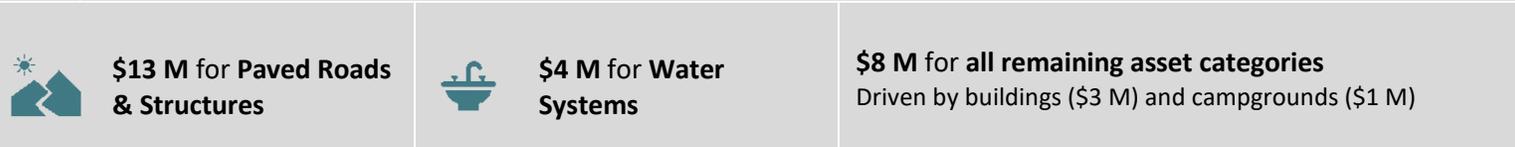
Estimated Maintenance Needs³

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



There is also a **\$3 M annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] and Water Systems have the highest estimated maintenance needs by asset category at the park. The figures below do not include the cost of Routine Maintenance.



‡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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|---|-------------------------------------|
| Replace Buckhorn Water Treatment Plant and Address Critical Water System Deficiencies | \$10,554,000 |
| Modify Historic Comfort Stations for Accessibility | \$654,000 |
| Lift Station Replacement A, B, and C | \$468,000 |
| Relocate Lift Station 3 to Higher Ground | \$451,000 |
| Rehabilitate Historic Bromide Area Lily Pond | \$441,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Chiricahua National Monument Infrastructure Fact Sheet



61 Thousand Annual Visitors¹



\$3.9 Million in Economic Output²



Infrastructure Inventory

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



*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, maintained archeological sites, interpretive media, and amphitheatres.

Estimated Maintenance Needs³

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



There is also a **\$543 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] 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.



[‡]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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|---|-------------------------------------|
| Repair Historic Stone Structures on Upper Rhyolite Trail | \$237,000 |
| Repair Historic Stonework on Heart of Rocks Trail | \$208,000 |
| Address Safety, Code Compliance, and Deferred Maintenance Issues at Quarters Five | \$187,000 |
| Replace Roof, Paint and Repair Drainage at Historic Quarters 29W | \$181,000 |
| Rehabilitate Silver Spur Meadow Trail | \$153,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Colorado National Monument Infrastructure Fact Sheet



397 Thousand Annual Visitors¹



\$31 Million in Economic Output²

Infrastructure Inventory

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



*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, boundaries, utility systems, interpretive media, and amphitheaters.

Estimated Maintenance Needs³

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 Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] 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.



[‡]Paved Roads & Structures includes paved roadways, paved parking areas, and tunnels.
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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|--|-------------------------------------|
| Rehabilitate Saddlehorn Water System | \$4,261,000 |
| Repair Liberty Cap Trail | \$404,000 |
| Rehabilitation of the Canyon Side of Historic Guard Wall MM19.6 Along Rim Rock Drive | \$396,000 |
| Repair Historic Guard Walls along Rim Rock Drive | \$354,000 |
| Restoration of Historic Drainage Headwalls Along Rim Rock Drive | \$317,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Coronado National Memorial Infrastructure Fact Sheet



130 Thousand Annual Visitors¹



\$9.8 Million in Economic Output²

Infrastructure Inventory

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



*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, maintained archeological sites, and interpretive media.

Estimated Maintenance Needs³

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



There is also a **\$254 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] 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.



‡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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|---|-------------------------------------|
| Rehabilitate Interior and Mitigate Lead and Asbestos in Quarters Two | \$252,000 |
| Perform Necessary Repairs, Paint and Upgrades to the Water Storage Tank | \$210,000 |
| Rehabilitate Coronado Cave Trailhead and Trailhead Parking Area | \$178,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Curecanti National Recreation Area Infrastructure Fact Sheet



836 Thousand
Annual Visitors¹



\$42 Million
in Economic Output²

Infrastructure Inventory

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



92 Buildings



12 Miles of
Trails



23 Housing
Units*



16 Camp-
grounds



19 Miles of
Unpaved
Roads



10 Water
Systems



10 Waste
Water
Systems



6 Miles of
Paved Roads



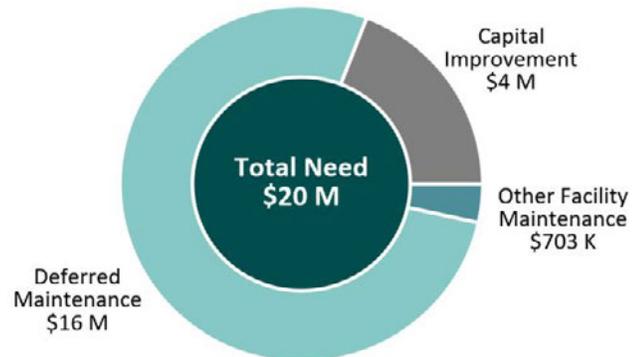
82 All Other
Assets[†]

*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 tunnels, maintained landscapes, utility systems, constructed waterways, marinas, monuments, interpretive media, and amphitheatres.

Estimated Maintenance Needs³

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



There is also a **\$825 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] 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.



**\$7 M for Paved Roads
& Structures**



\$6 M for Buildings

\$8 M for all remaining asset categories

Driven by marinas (\$3 M) and campgrounds (\$856 K)

[‡]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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|--|-------------------------------------|
| Replace Lake Fork Breakwater System, Phase II | \$712,000 |
| Rehabilitate Lift Stations at Elk Creek Lake Fork and Iola | \$556,000 |
| Replace Office EC8 Boiler and Office EC10 Forced Air Gas Furnace | \$100,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Devils Tower National Monument Infrastructure Fact Sheet



451 Thousand Annual Visitors¹



\$37 Million in Economic Output²

Infrastructure Inventory

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



18 Buildings



7 Miles of Trails



18 Housing Units*



2 Campgrounds



2 Miles of Unpaved Roads



2 Water Systems



8 Waste Water Systems



4 Miles of Paved Roads



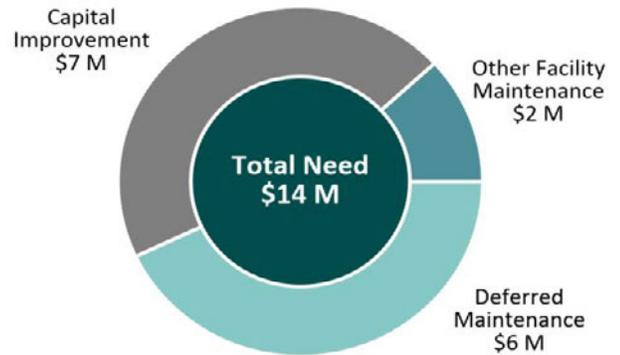
29 All Other Assets[†]

*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, boundaries, utility systems, monuments, interpretive media, and amphitheatres.

Estimated Maintenance Needs³

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



There is also a **\$297 K annual Routine Maintenance⁴** 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.



\$4 M for Unpaved Roads



\$3 M for Paved Roads & Structures

\$8 M for all remaining asset categories

Driven by buildings (\$1 M) and maintained landscapes (\$1 M)

[‡]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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|---|-------------------------------------|
| Rehabilitate Electric and Install Fire Suppression System at The Maintenance Shop | \$172,000 |
| Rehabilitate Administration Building Public and Employee Restrooms | \$35,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Dinosaur National Monument Infrastructure Fact Sheet



299 Thousand Annual Visitors¹



\$20 Million in Economic Output²

Infrastructure Inventory

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

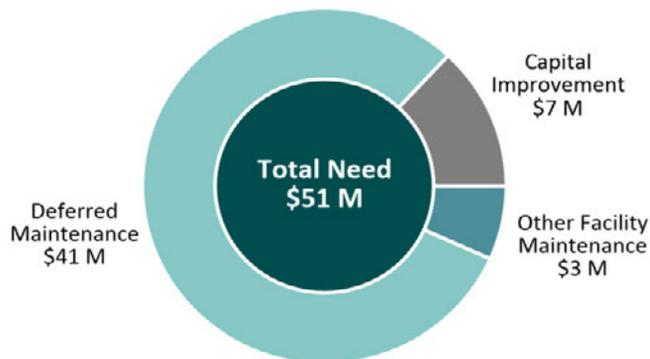


*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

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

Estimated Maintenance Needs³

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 Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] 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.

 **\$33 M for Paved Roads & Structures**

 **\$7 M for Buildings**

\$11 M for all remaining asset categories
Driven by housing (\$2 M) and water systems (\$1 M)

[‡]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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|--|-------------------------------------|
| Replace Headquarters Water System Components | \$784,000 |
| Rehabilitate Green River Resource Building and Install Fire Suppression System | \$165,000 |
| Enlarge Fire Suppression System at Headquarters Building | \$106,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



El Malpais National Monument Infrastructure Fact Sheet



159 Thousand Annual Visitors¹



\$12 Million in Economic Output²



Infrastructure Inventory

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

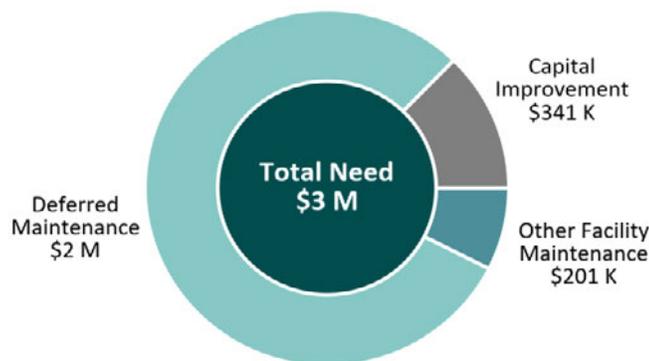


*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

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

Estimated Maintenance Needs³

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



There is also a **\$246 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Buildings and Unpaved Roads 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



\$829 K for Unpaved Roads

\$852 K for all remaining asset categories
Driven by paved roads (\$451 K) and boundaries (\$215 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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|---|-------------------------------------|
| Rehabilitate Big Tubes Unpaved Road | \$720,000 |
| Replace Visitor Center Heating, Ventilation, and Air Conditioning Systems | \$398,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



El Morro National Monument Infrastructure Fact Sheet



69 Thousand Annual Visitors¹



\$4.6 Million in Economic Output²

Infrastructure Inventory

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



9 Buildings



2 Miles of Trails



8 Housing Units*



1 Camp-ground



2 Miles of Unpaved Roads



1 Water System



1 Waste Water System



2 Miles of Paved Roads



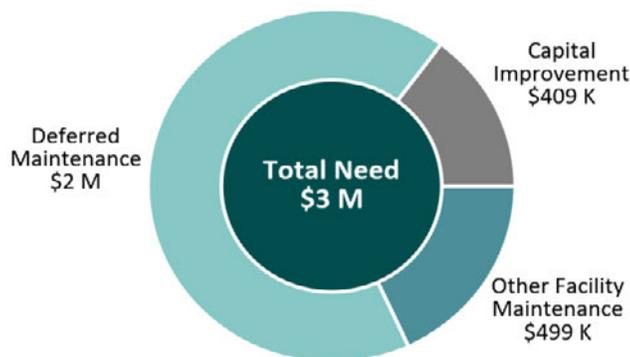
11 All Other Assets[†]

*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, and utility systems.

Estimated Maintenance Needs³

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



There is also a **\$117 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] 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.



\$864 K for Paved Roads & Structures



\$576 K for Housing

\$1 M for all remaining asset categories
Driven by trails (\$564 K) and buildings (\$379 K)

[‡]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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|---------------------------------------|-------------------------------------|
| Replace Water Distribution Line | \$119,000 |
| Replace Upper Wastewater Lagoon Liner | \$59,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Flagstaff Areas Infrastructure Fact Sheet



N/A

Annual Visitors¹



N/A

in Economic Output²

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 utility systems.

Estimated Maintenance Needs³

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



There is also a **\$700 annual Routine Maintenance⁴** 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

Flagstaff Areas does not have any projects in the formulated lists released publicly.⁵

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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).



Florissant Fossil Beds National Monument Infrastructure Fact Sheet



77 Thousand
Annual Visitors¹



\$6.7 Million
in Economic Output²

Infrastructure Inventory

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



*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, boundaries, utility systems, dams, interpretive media, and amphitheaters.

Estimated Maintenance Needs³

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



There is also a **\$287 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] 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.



[‡]Paved Roads & Structures includes 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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|---|-------------------------------------|
| Replace Septic System at the A-Frame Educational Learning Center | \$82,000 |
| Rehabilitate Electrical System in the Maytag Barn. | \$78,000 |
| Establish Connector Trail Segment Along Twin Rock and Shootin' Star Trail | \$77,000 |
| Replace the Lodge-pole Fencing at the Historic Hornbek Homestead District | \$71,000 |
| Replace Ceiling and Install fire rated Drywall in the Paleontology Collections Storage Room | \$23,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Fort Bowie National Historic Site Infrastructure Fact Sheet



8 Thousand
Annual Visitors¹



\$565 Thousand
in Economic Output²

Infrastructure Inventory

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

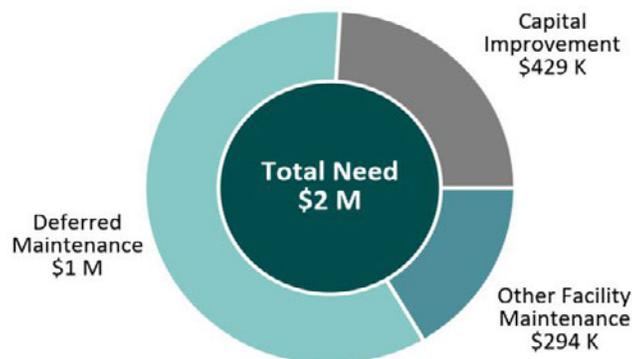


*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

[†]All Other assets include maintained landscapes, boundaries, utility systems, maintained archeological sites, and interpretive media.

Estimated Maintenance Needs³

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



There is also a **\$199 K annual Routine Maintenance⁴** 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.



\$562 K for Buildings



\$427 K for Trails

\$792 K for all remaining asset categories

Driven by maintained archeological sites (\$156 K) and maintained landscapes (\$155 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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|--|-------------------------------------|
| Stabilize the Overland Butterfield Trail | \$126,000 |
| Remove Gasoline Fuel System | \$19,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Fort Davis National Historic Site Infrastructure Fact Sheet



52 Thousand
Annual Visitors¹



\$3.3 Million
in Economic Output²



Infrastructure Inventory

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



35 Buildings



5 Miles of
Trails



2 Housing
Units*



1 Camp-
ground



3 Miles of
Unpaved
Roads



2 Water
Systems



2 Waste
Water
Systems



< 1 Mile of
Paved Roads



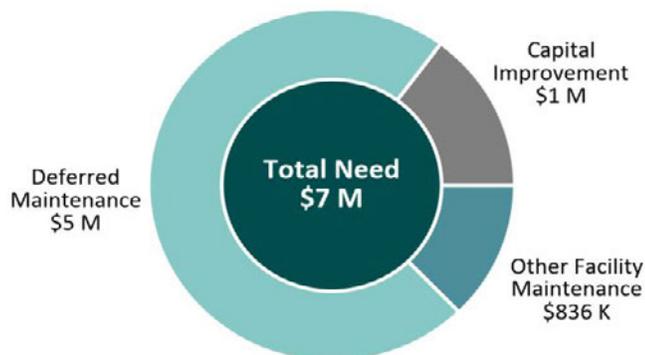
118 All
Other
Assets[†]

*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, maintained archeological sites, and interpretive media.

Estimated Maintenance Needs³

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



There is also a **\$344 K annual Routine Maintenance⁴** 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.



\$4 M for Buildings



\$651 K for Housing

\$2 M for all remaining asset categories

Driven by paved roads (\$333 K) and maintained archeological sites (\$330 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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|--|-------------------------------------|
| Repair Dirt Roads and Parking Areas | \$169,000 |
| Rehabilitate the Interior of Four Historic Structures on Officer's Row | \$109,000 |
| Rehabilitate Foundations on Three Historic Ruins | \$69,000 |
| Mitigate Water Damage and Correct Drainage Issues at Historic Buildings (Park Headquarters and Visitor Center) | \$65,000 |
| Repair and Repoint Historic Steam Pumphouse | \$39,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Fort Laramie National Historic Site Infrastructure Fact Sheet



43 Thousand
Annual Visitors¹



\$3 Million
in Economic Output²

Infrastructure Inventory

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



27 Buildings



2 Miles of
Trails



0 Housing
Units*



0 Camp-
grounds



< 1 Mile of
Unpaved
Roads



3 Water
Systems



2 Waste
Water
Systems



1 Mile 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 maintained landscapes, boundaries, utility systems, monuments, maintained archeological sites, and interpretive media.

Estimated Maintenance Needs³

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



There is also a **\$203 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Buildings 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.



\$3 M for Buildings



**\$1 M for Paved Roads
& Structures**

\$1 M for all remaining asset categories

Driven by water systems (\$637 K) and maintained archeological sites (\$397 K)

[‡]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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|--|-------------------------------------|
| Rehabilitate Floor Covering in a Historic Structure | \$149,000 |
| Replace Failing Porch Decking of Calvary Barracks | \$121,000 |
| Replace Porch Decking and Stair Treads on Historic Old Bedlam | \$97,000 |
| Repair and Paint Interior Walls and Exterior Trim of the Old Guard House | \$65,000 |
| Replace Wooden Shingles on Roof of Historic Structure, Old Bedlam | \$62,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Fort Union National Monument Infrastructure Fact Sheet



11 Thousand Annual Visitors¹



\$852 Thousand in Economic Output²

Infrastructure Inventory

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



8 Buildings



2 Miles of Trails



6 Housing Units*



0 Campgrounds



3 Miles of Unpaved Roads



1 Water System



1 Waste Water System



1 Mile of Paved Roads



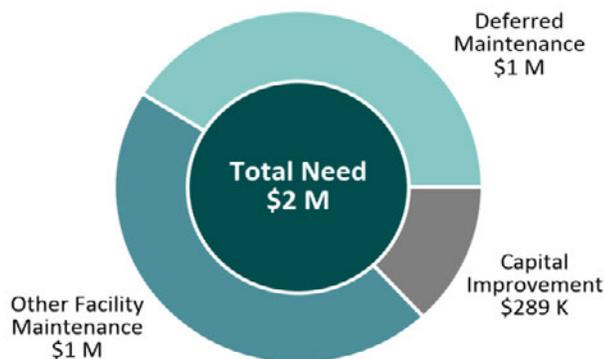
108 All Other Assets[†]

*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, boundaries, utility systems, monuments, maintained archeological sites, and interpretive media.

Estimated Maintenance Needs³

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



There is also a **\$627 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Buildings 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



\$401 K for Paved Roads & Structures

\$669 K for all remaining asset categories

Driven by maintained archeological sites (\$501 K) and electrical systems (\$82 K)

[‡]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

Fort Union National Monument does not have any projects in the formulated lists released publicly.⁵

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

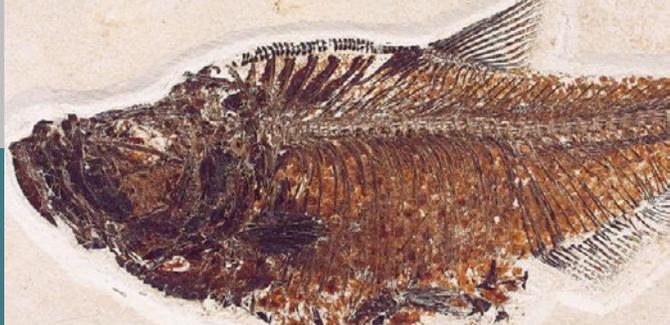
³ Total Need includes deferred maintenance, other facility maintenance (such as corrective and emergency maintenance, component renewal, and demolition work that is not deferred), and capital improvement. The data is from work identified in the Facility Management Software System (FMSS) as of the end 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).



Fossil Butte National Monument Infrastructure Fact Sheet



21 Thousand Annual Visitors¹



\$1.1 Million in Economic Output²

Infrastructure Inventory

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



9 Buildings



4 Miles of Trails



4 Housing Units*



0 Campgrounds



7 Miles of Unpaved Roads



3 Water Systems



2 Waste Water Systems



4 Miles of Paved Roads



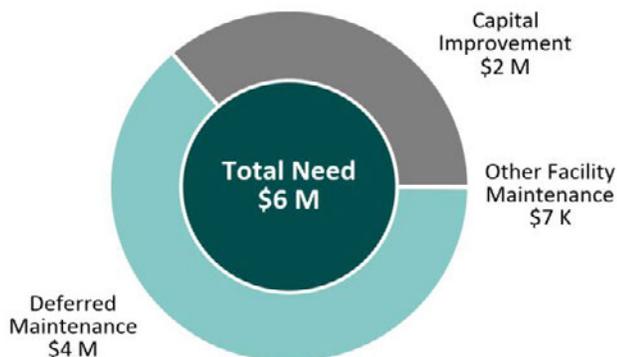
14 All Other Assets[†]

*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, boundaries, utility systems, and interpretive media.

Estimated Maintenance Needs³

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



There is also a **\$217 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] 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.



\$3 M for Paved Roads & Structures



\$1 M for Buildings

\$2 M for all remaining asset categories

Driven by maintained landscapes (\$1 M) and interpretive media (\$1 M)

[‡]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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|---|-------------------------------------|
| Rehabilitate and Upgrade Park Water Line to Meet Fire Suppression System Requirements | \$548,000 |
| Eliminate Confined Space for Picnic Area Water System | \$105,000 |
| Remove and Replace Three Concrete Vault Toilets | \$85,000 |
| Pave rear Housing Parking Lot to Meet Accessibility Compliance | \$81,000 |
| Install Two Backup Generators | \$72,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Gila Cliff Dwellings National Monument Infrastructure Fact Sheet



67 Thousand
Annual Visitors¹



\$4.1 Million
in Economic Output²

Infrastructure Inventory

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



20 Buildings



1 Mile of
Trails



0 Housing
Units*



2 Camp-
grounds



< 1 Mile of
Unpaved
Roads



1 Water
System



1 Waste
Water
System



< 1 Mile of
Paved Roads



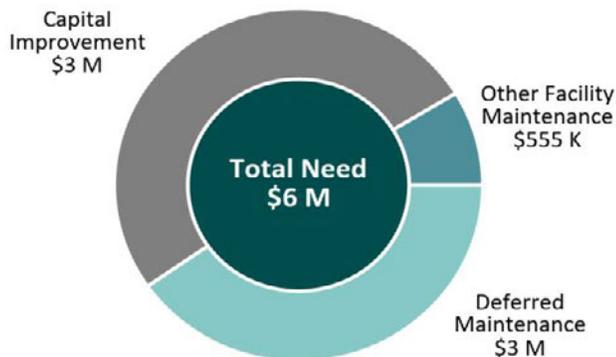
7 All Other
Assets[†]

*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 archeological sites, interpretive media, and amphitheatres.

Estimated Maintenance Needs³

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



There is also a **\$123 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] 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.



**\$4 M for Paved Roads
& Structures**



\$1 M for Buildings

\$1 M for all remaining asset categories

Driven by interpretive media (\$430 K) and maintained archeological sites (\$280 K)

[‡]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

Gila Cliff Dwellings National Monument does not have any projects in the formulated lists released publicly.⁵

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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).



Glacier National Park Infrastructure Fact Sheet



3 Million
Annual Visitors¹



\$501 Million
in Economic Output²

Infrastructure Inventory

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



578
Buildings



752 Miles of
Trails



175
Housing
Units*



76 Camp-
grounds



58 Miles of
Unpaved
Roads



29 Water
Systems



29 Waste
Water
Systems



124 Miles of
Paved Roads



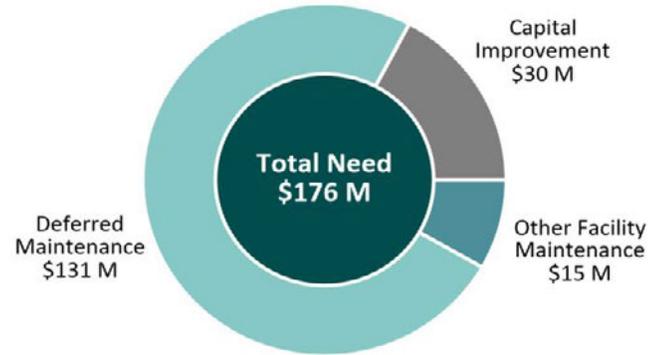
233 All
Other
Assets[†]

*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, dams, marinas, maintained archeological sites, interpretive media, and amphitheatres.

Estimated Maintenance Needs³

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



There is also a **\$15 M annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] 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.



**\$76 M for Paved Roads
& Structures**



\$47 M for Buildings

\$54 M for all remaining asset categories

Driven by trails (\$10 M) and electrical systems (\$10 M)

[‡]Paved Roads & Structures includes paved roadways, paved parking areas, bridges, and tunnels.

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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|--|-------------------------------------|
| Rehabilitate Going-to-the-Sun Road | \$31,040,000 |
| Replace Utilities Along Lake McDonald | \$16,874,000 |
| Repair Camas Road Slumps and Resurface Remaining 4 miles | \$2,562,000 |
| Replace Barrel Toilet Building at Granite Park | \$1,819,000 |
| Replace Electrical Distribution System in Apgar Campground | \$1,007,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Glen Canyon National Recreation Area Infrastructure Fact Sheet



4.3 Million
Annual Visitors¹



\$495 Million
in Economic Output²

Infrastructure Inventory

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



345
Buildings



13 Miles of
Trails



87 Housing
Units*



15 Camp-
grounds



297 Miles of
Unpaved
Roads



17 Water
Systems



15 Waste
Water
Systems



69 Miles of
Paved Roads



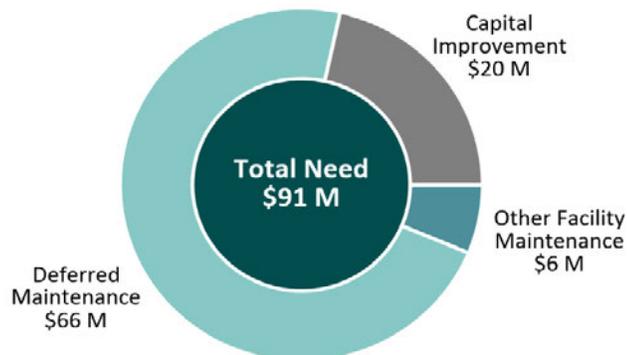
137 All
Other
Assets[†]

*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, constructed waterways, marinas, aviation systems, maintained archeological sites, interpretive media, and amphitheatres.

Estimated Maintenance Needs³

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



There is also a **\$8 M annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] 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.



**\$48 M for Paved Roads
& Structures**



\$12 M for Buildings

\$32 M for all remaining asset categories
Driven by marinas (\$12 M) and housing (\$4 M)

[‡]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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|--|-------------------------------------|
| Rehabilitate Bullfrog Basin Access and Ferry Boat Ramp Road | \$4,631,000 |
| Replace Lees Ferry Water Tank | \$1,429,000 |
| Repair Lift Stations and Wet Wells | \$1,400,000 |
| Replace Courtesy Docks at Halls Crossing Marina to Improve Safety for Dock Users | \$674,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Golden Spike National Historical Park Infrastructure Fact Sheet



108 Thousand
Annual Visitors¹



\$8.8 Million
in Economic Output²

Infrastructure Inventory

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



8 Buildings



< 1 Mile of
Trails



5 Housing
Units*



1 Camp-
ground



13 Miles of
Unpaved
Roads



1 Water
System



3 Waste
Water
Systems



0 Miles of
Paved Roads



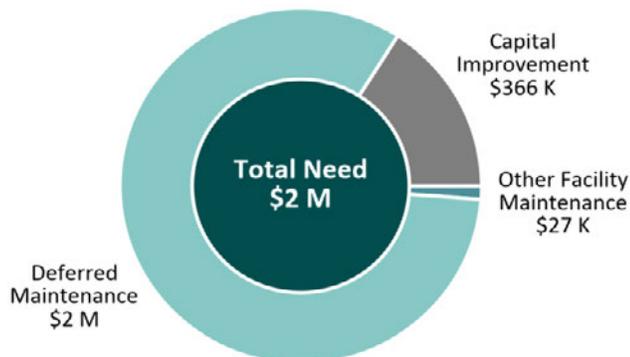
28 All Other
Assets[†]

*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, boundaries, utility systems, railroad systems, monuments, maintained archeological sites, and interpretive media.

Estimated Maintenance Needs³

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



There is also a **\$262 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] 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.



**\$654 K for Paved Roads
& Structures**



\$614 K for Buildings

\$1 M for all remaining asset categories

Driven by interpretive media (\$543 K) and maintained landscapes (\$266 K)

[‡]Paved Roads & Structures includes 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 an example project in the current funding stream. Not all estimated maintenance needs are captured in the project below.

| Project in Current Funding Stream | Estimated Project Cost ⁵ |
|-----------------------------------|-------------------------------------|
| Rehabilitate Visitor Center Roof | \$301,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Grand Canyon National Park Infrastructure Fact Sheet



6 Million
Annual Visitors¹



\$1.1 Billion
in Economic Output²

Infrastructure Inventory

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



*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, aviation systems, railroad systems, monuments, maintained archeological sites, interpretive media, and amphitheatres.

Estimated Maintenance Needs³

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



There is also a **\$14 M annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Water Systems 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.



\$133 M for Water Systems



\$109 M for Paved Roads & Structures

\$151 M for all remaining asset categories

Driven by buildings (\$47 M) and waste water systems (\$36 M)

[‡]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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|--|-------------------------------------|
| Improve Potable Water Supply to Intercanyon and South Rim | \$52,006,000 |
| Rehabilitate Asphalt Surface on North Entrance Road Rt014 | \$7,300,000 |
| Complete Major Rehab of Five of the Park's 2008 Transit CNG Buses to | \$1,755,000 |
| Replace Phantom Ranch Wastewater Treatment Plant, Phases I and II of III | \$1,552,000 |
| Install Dedicated Water Sampling Stations | \$1,216,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Grand Teton National Park Infrastructure Fact Sheet



3.4 Million
Annual Visitors¹



\$796 Million
in Economic Output²

Infrastructure Inventory

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

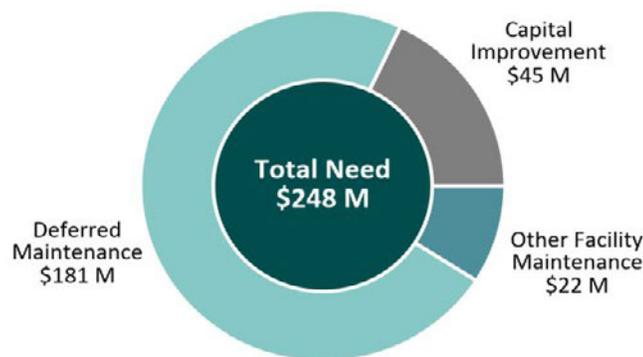


*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

†All Other assets include trail bridges, maintained landscapes, utility systems, dams, constructed waterways, marinas, aviation systems, ships, monuments, maintained archeological sites, interpretive media, and amphitheatres.

Estimated Maintenance Needs³

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



There is also a **\$12 M annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] 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.

\$101 M for Paved Roads & Structures

\$43 M for Buildings

\$104 M for all remaining asset categories
Driven by trails (\$31 M) and waste water systems (\$27 M)

[‡]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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|--|-------------------------------------|
| Improve Moose Wilson Corridor | \$32,000,000 |
| Replace the Colter Bay Main Wastewater Lift Station | \$5,622,000 |
| Improve Visitor Experience and Address Deferred Maintenance on | \$3,556,000 |
| Replace Highlands Water System | \$872,000 |
| Replace Jenny Lake Campground Water System | \$830,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Grant-Kohrs Ranch National Historic Site Infrastructure Fact Sheet



25 Thousand
Annual Visitors¹



\$1.9 Million
in Economic Output²

Infrastructure Inventory

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



65 Buildings



< 1 Mile of
Trails



0 Housing
Units*



0 Camp-
grounds



11 Miles of
Unpaved
Roads



2 Water
Systems



0 Waste
Water
Systems



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, boundaries, constructed waterways, railroad systems, and interpretive media.

Estimated Maintenance Needs³

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



There is also a **\$192 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Buildings 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.



\$5 M for Buildings



**\$1 M for Paved Roads
& Structures**

\$2 M for all remaining asset categories

Driven by maintained landscapes (\$2 M) and railroad systems (\$81 K)

[‡]Paved Roads & Structures includes 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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|---|-------------------------------------|
| Rehabilitate HS-60 Boat House | \$61,000 |
| Replace Retaining Wall of HS-90 Slough Bridge | \$37,000 |
| Repair and Replace Railroad Elements | \$20,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Great Sand Dunes National Park & Preserve Infrastructure Fact Sheet



528 Thousand
Annual Visitors¹



\$40 Million
in Economic Output²

Infrastructure Inventory

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



19 Buildings



36 Miles of
Trails



15 Housing
Units*



1 Camp-
ground



13 Miles of
Unpaved
Roads



2 Water
Systems



17 Waste
Water
Systems



7 Miles of
Paved Roads



19 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, boundaries, utility systems, interpretive media, and amphitheaters.

Estimated Maintenance Needs³

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



There is also a **\$445 K annual Routine Maintenance⁴** 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.



\$3 M for Buildings



\$2 M for Housing

\$7 M for all remaining asset categories

Driven by paved roads (\$2 M) and water systems (\$1 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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|--|-------------------------------------|
| Repair Fire Sprinkler and Alarm Systems in Six Buildings | \$87,000 |
| Correct Electrical Code Violations | \$69,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Guadalupe Mountains National Park Infrastructure Fact Sheet



189 Thousand Annual Visitors¹



\$14 Million in Economic Output²

Infrastructure Inventory

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



56 Buildings



83 Miles of Trails



25 Housing Units*



16 Campgrounds



24 Miles of Unpaved Roads



5 Water Systems



9 Waste Water Systems



9 Miles of Paved Roads



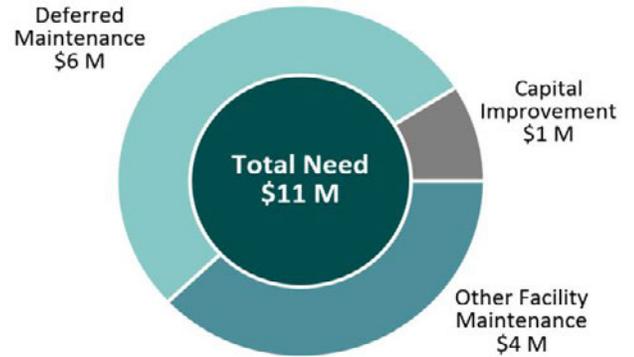
29 All Other Assets[†]

*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, boundaries, utility systems, maintained archeological sites, interpretive media, and amphitheaters.

Estimated Maintenance Needs³

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 Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] 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.



\$5 M for Paved Roads & Structures



\$1 M for Buildings

\$5 M for all remaining asset categories
Driven by housing (\$1 M) and trails (\$1 M)

[‡]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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|---|-------------------------------------|
| Resurface Roads Rt10, Mckittrick Canyon Rt101 Pine Springs Access | \$2,516,000 |
| Replace Generators for Dog Canyon Area | \$287,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Hovenweep National Monument Infrastructure Fact Sheet



35 Thousand Annual Visitors¹



\$2.7 Million in Economic Output²

Infrastructure Inventory

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



8 Buildings



7 Miles of Trails



5 Housing Units*



1 Camp-ground



2 Miles of Unpaved Roads



1 Water System



2 Waste Water Systems



< 1 Mile of Paved Roads



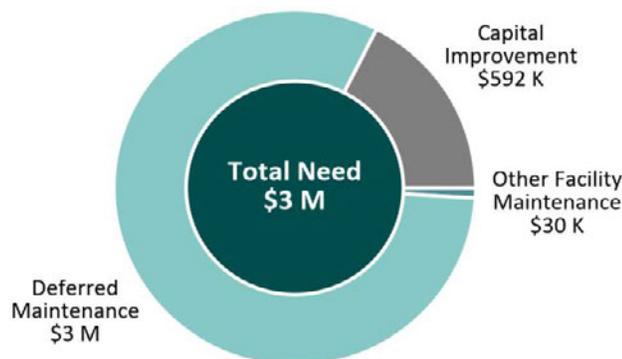
25 All Other Assets[†]

*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, boundaries, utility systems, maintained archeological sites, interpretive media, and amphitheaters.

Estimated Maintenance Needs³

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



There is also a **\$211 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

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



\$894 K for Buildings



\$551 K for Water Systems

\$2 M for all remaining asset categories

Driven by maintained archeological sites (\$1 M) and amphitheaters (\$457 K)

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

Project Funding

Hovenweep National Monument does not have any projects in the formulated lists released publicly.⁵

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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).



Hubbell Trading Post National Historic Site Infrastructure Fact Sheet



50 Thousand
Annual Visitors¹



\$3.5 Million
in Economic Output²



Infrastructure Inventory

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



16 Buildings



0 Miles of
Trails



12 Housing
Units*



0 Camp-
grounds



2 Miles of
Unpaved
Roads



1 Water
System



1 Waste
Water
System



< 1 Mile of
Paved Roads



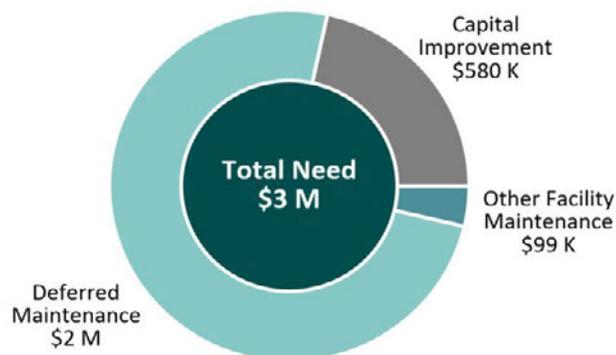
15 All Other
Assets[†]

*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, monuments, and maintained archeological sites.

Estimated Maintenance Needs³

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



There is also a **\$84 K annual Routine Maintenance⁴** 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



\$1 M for Housing

\$611 K for all remaining asset categories

Driven by paved roads (\$361 K) and maintained landscapes (\$227 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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|---|-------------------------------------|
| Upgrade Electrical Distribution to Three Park Buildings | \$229,000 |
| Repair/Rehabilitation of Historic Structures | \$106,000 |
| Replace Fire Suppression System in Trading Post and Administration Building | \$87,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



John D. Rockefeller, Jr. Memorial Parkway Infrastructure Fact Sheet



1.4 Million
Annual Visitors¹



\$8.8 Million
in Economic Output²

Infrastructure Inventory

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



*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 and utility systems.

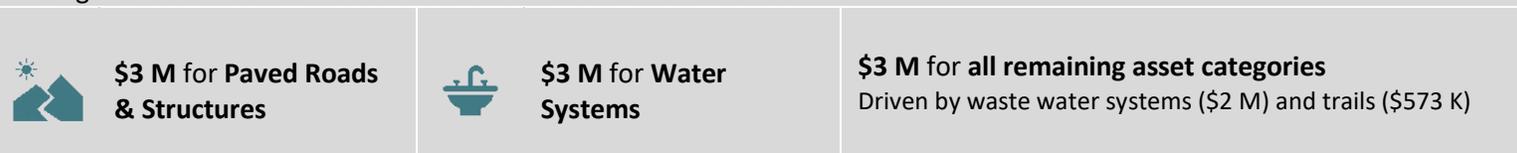
Estimated Maintenance Needs³

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 Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] and **Water Systems** have the highest **estimated maintenance needs** by asset category at the park. The figures below do not include the cost of Routine Maintenance.



[‡]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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|---|-------------------------------------|
| Rehabilitate Flagg Ranch Water Lines | \$1,100,000 |
| Improve the Flagg Ranch Wastewater System | \$863,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Lake Meredith National Recreation Area Infrastructure Fact Sheet



1.3 Million
Annual Visitors¹



\$67 Million
in Economic Output²

Infrastructure Inventory

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



58 Buildings



29 Miles of
Trails



0 Housing
Units*



11 Camp-
grounds



22 Miles of
Unpaved
Roads



5 Water
Systems



9 Waste
Water
Systems



16 Miles of
Paved Roads



23 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, boundaries, utility systems, marinas, and amphitheatres.

Estimated Maintenance Needs³

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



There is also a **\$754 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

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



\$10 M for Paved Roads & Structures



\$2 M for Unpaved Roads

\$4 M for all remaining asset categories
Driven by marinas (\$1 M) and campgrounds (\$1 M)

[‡]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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|--|-------------------------------------|
| Rehabilitation and Preservation (3R) Work on Park Roads | \$3,406,000 |
| Repair all Weather Roads at 5 Locations on the North side of Lake Meredith | \$831,000 |
| Repair All-weather Road at Rosita Flats | \$227,000 |
| Lake Meredith Shoreline Improvement | \$111,000 |
| Remove 50 Slabs and Recycle Concrete | \$89,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Little Bighorn Battlefield National Monument Infrastructure Fact Sheet



241 Thousand Annual Visitors¹



\$19 Million in Economic Output²

Infrastructure Inventory

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



11 Buildings



3 Miles of Trails



6 Housing Units*



1 Camp-ground



< 1 Mile of Unpaved Roads



1 Water System



1 Waste Water System



6 Miles of Paved Roads



19 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, boundaries, utility systems, monuments, fortifications, and interpretive media.

Estimated Maintenance Needs³

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



There is also a **\$439 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] 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.



\$4 M for Paved Roads & Structures



\$769 K for Buildings

\$3 M for all remaining asset categories

Driven by interpretive media (\$2 M) and maintained landscapes (\$886 K)

[‡]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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|---|-------------------------------------|
| Rehabilitate and Widen Route 10 | \$10,494,000 |
| Repoint Superintendent's Lodge | \$370,000 |
| Replace Concrete Pedestrian Surface and Granite Curbing at 7th Calvary Monument | \$221,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Lyndon B. Johnson National Historical Park Infrastructure Fact Sheet



112 Thousand
Annual Visitors¹



\$9.5 Million
in Economic Output²

Infrastructure Inventory

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

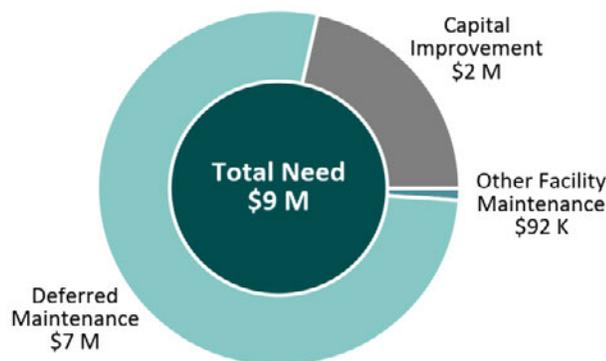


*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

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

Estimated Maintenance Needs³

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



There is also a **\$585 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Buildings 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.



\$4 M for Buildings



\$2 M for Paved Roads & Structures

\$2 M for all remaining asset categories

Driven by maintained landscapes (\$792 K) and unpaved roads (\$343 K)

[‡]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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|---|-------------------------------------|
| Rehabilitate Johnson Dam | \$428,000 |
| Rehabilitate Ranch Water System to Enable Fire Protection | \$343,000 |
| Rehabilitate Event Center | \$301,000 |
| Rehabilitate Interior of the Sam E. Johnson House | \$245,000 |
| Install Fire Sprinkler and Alarm Systems for the Bus Barn and Auto Shop Buildings | \$227,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

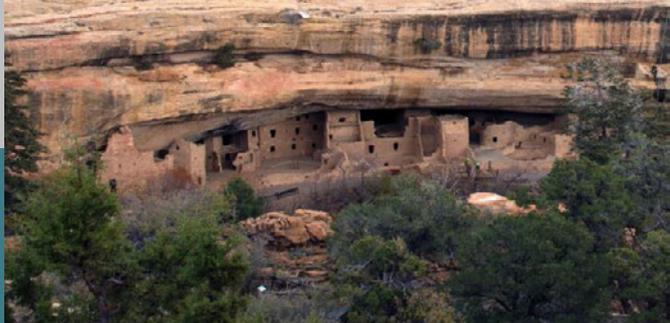
³ Total Need includes deferred maintenance, other facility maintenance (such as corrective and emergency maintenance, component renewal, and demolition work that is not deferred), and capital improvement. The data is from work identified in the Facility Management Software System (FMSS) as of the end 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.



Mesa Verde National Park Infrastructure Fact Sheet



556 Thousand Annual Visitors¹



\$72 Million in Economic Output²

Infrastructure Inventory

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



131 Buildings



96 Miles of Trails



66 Housing Units*



2 Campgrounds



62 Miles of Unpaved Roads



14 Water Systems



14 Waste Water Systems



57 Miles of Paved Roads



107 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, boundaries, utility systems, maintained archeological sites, interpretive media, and amphitheaters.

Estimated Maintenance Needs³

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



There is also a **\$5 M annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] 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.



\$36 M for Paved Roads & Structures



\$14 M for Buildings

\$41 M for all remaining asset categories

Driven by maintained archeological sites (\$10 M) and water systems (\$9 M)

[‡]Paved Roads & Structures includes paved roadways, paved parking areas, bridges, and tunnels.
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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|--|-------------------------------------|
| Rehabilitate and Stabilize Chapin Mesa Historic Buildings and Houses | \$7,329,000 |
| Install Sewage Sludge Drying Beds at Morefield and Far View Lagoons | \$902,000 |
| Repair and Paint Interior of Navajo Hill Water Tank | \$802,000 |
| Paint Morefield Water Tank | \$658,000 |
| Replace Wetherill Mesa Waterline Valves and Drains | \$597,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Montezuma Castle National Monument Infrastructure Fact Sheet



376 Thousand
Annual Visitors¹



\$33 Million
in Economic Output²

Infrastructure Inventory

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



14 Buildings



1 Mile of
Trails



6 Housing
Units*



0 Camp-
grounds



1 Mile of
Unpaved
Roads



2 Water
Systems



3 Waste
Water
Systems



3 Miles of
Paved Roads



33 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, dams, constructed waterways, maintained archeological sites, interpretive media, and amphitheatres.

Estimated Maintenance Needs³

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



There is also a **\$236 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] 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.



**\$2 M for Paved Roads
& Structures**



\$851 K for Buildings

\$3 M for all remaining asset categories

Driven by trails (\$690 K) and maintained archeological sites (\$640 K)

[‡]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

Montezuma Castle National Monument does not have any projects in the formulated lists released publicly.⁵

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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).



Natural Bridges National Monument Infrastructure Fact Sheet



88 Thousand Annual Visitors¹



\$6.3 Million in Economic Output²



Infrastructure Inventory

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



20 Buildings



14 Miles of Trails



9 Housing Units*



1 Camp-ground



3 Miles of Unpaved Roads



1 Water System



1 Waste Water System



11 Miles of Paved Roads



28 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, boundaries, utility systems, monuments, maintained archeological sites, interpretive media, and amphitheatres.

Estimated Maintenance Needs³

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



There is also a **\$375 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] and Water Systems have the highest **estimated maintenance needs** by asset category at the park. The figures below do not include the cost of Routine Maintenance.



\$5 M for Paved Roads & Structures



\$724 K for Water Systems

\$2 M for all remaining asset categories

Driven by buildings (\$557 K) and waste water systems (\$220 K)

[‡]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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|------------------------------------|-------------------------------------|
| Rehabilitate Entrance Road | \$973,000 |
| Replace Sewer Lagoon Liner | \$695,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Navajo National Monument Infrastructure Fact Sheet



50 Thousand Annual Visitors¹



\$3.5 Million in Economic Output²

Infrastructure Inventory

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

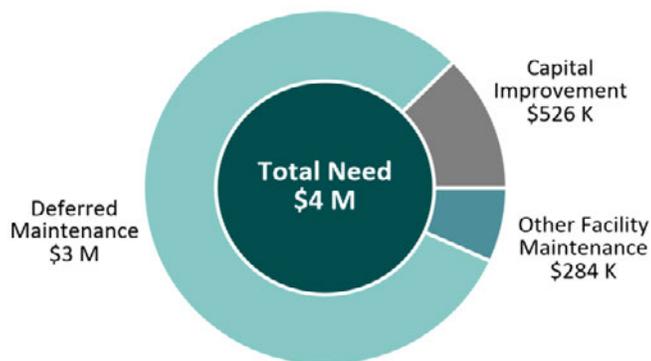


*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

[†]All Other assets include maintained landscapes, boundaries, utility systems, maintained archeological sites, interpretive media, and amphitheaters.

Estimated Maintenance Needs³

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



There is also a **\$204 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Buildings 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.



\$2 M for Buildings



\$619 K for Paved Roads & Structures

\$2 M for all remaining asset categories

Driven by interpretive media (\$530 K) and housing (\$481 K)

[‡]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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|-------------------------------------|-------------------------------------|
| Rehabilitate Historic Ranger Hogan | \$179,000 |
| Rehabilitate Keet Seel Ranger Hogan | \$67,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Old Santa Fe Trail Building National Historic Site Infrastructure Fact Sheet



N/A
Annual Visitors¹



N/A
in Economic Output²

Infrastructure Inventory

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

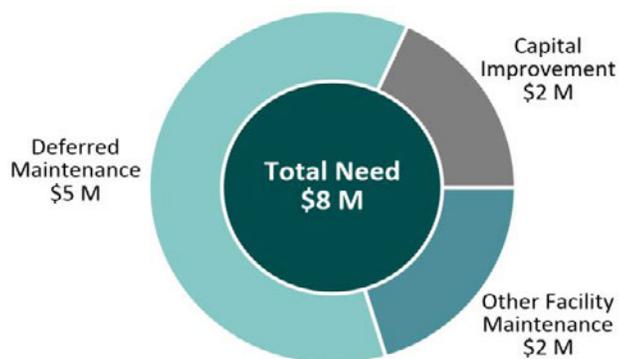


*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

[†]All Other assets include maintained landscapes and utility systems.

Estimated Maintenance Needs³

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



There is also a **\$50 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

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

| | | |
|----------------------------|---------------------------------------|---|
| \$8 M for Buildings | \$35 K for Waste Water Systems | \$624 K for all remaining asset categories Driven by maintained landscapes (\$484 K) and electrical systems (\$100 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.

| Project in Current Funding Stream | Estimated Project Cost ⁵ |
|-----------------------------------|-------------------------------------|
| Correct Drainage Deficiencies | \$59,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Organ Pipe Cactus National Monument Infrastructure Fact Sheet



263 Thousand
Annual Visitors¹



\$24 Million
in Economic Output²

Infrastructure Inventory

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

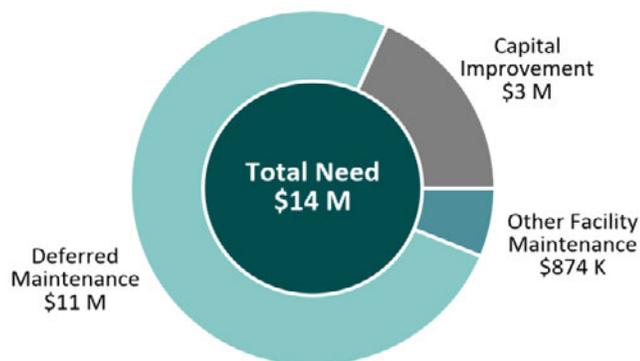


*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

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

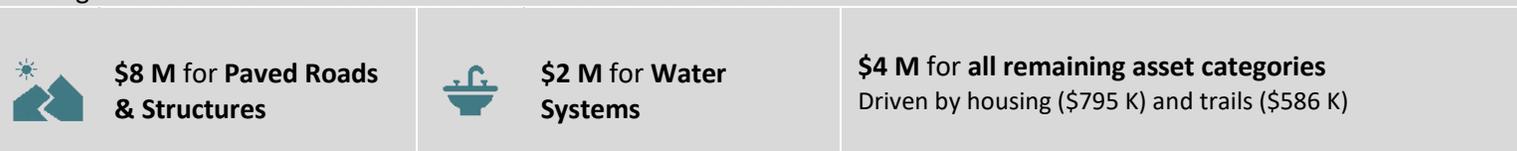
Estimated Maintenance Needs³

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 Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] and Water Systems have the highest **estimated maintenance needs** by asset category at the park. The figures below do not include the cost of Routine Maintenance.



‡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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|---|-------------------------------------|
| Replace Well and Water System Components for Housing and Maintenance Area | \$10,282,000 |
| Install Fire Suppression Systems in Housing Units | \$284,000 |
| Rehabilitate Boundary Fence on Northern and Eastern Boundary | \$161,000 |
| Repair Two Miles of Armenta Road Surface Washout | \$54,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Padre Island National Seashore Infrastructure Fact Sheet



576 Thousand Annual Visitors¹



\$29 Million in Economic Output²

Infrastructure Inventory

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

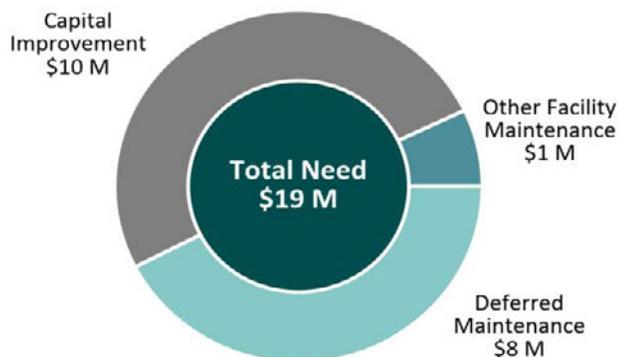


*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

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

Estimated Maintenance Needs³

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



There is also a **\$604 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

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



[‡]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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|--|-------------------------------------|
| Replace Law Enforcement Operations Center | \$10,785,000 |
| Emergency Replacement of the Park Headquarters Building | \$1,606,000 |
| Replace Evaporative Sewage Lagoon Liners | \$708,000 |
| Rehabilitate Public and Administrative Areas of Malaquite Visitor Center | \$116,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Palo Alto Battlefield National Historical Park Infrastructure Fact Sheet



150 Thousand
Annual Visitors¹



\$11 Million
in Economic Output²

Infrastructure Inventory

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



4 Buildings



2 Miles of
Trails



0 Housing
Units*



0 Camp-
grounds



< 1 Mile of
Unpaved
Roads



2 Water
Systems



2 Waste
Water
Systems



< 1 Mile of
Paved Roads



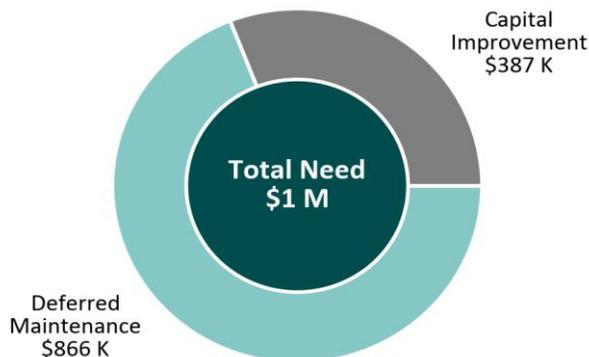
15 All Other
Assets[†]

*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, boundaries, monuments, and interpretive media.

Estimated Maintenance Needs³

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



There is also a **\$128 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Trails 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.



\$630 K for Trails



\$205 K for Buildings

\$418 K for all remaining asset categories

Driven by paved roads (\$177 K) and maintained landscapes (\$153 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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|--|-------------------------------------|
| Replace Deteriorated Boardwalks on Park Primary Interpretive Trails | \$312,000 |
| Refurbish Visitor Center Exterior Walls to Prevent Building Deterioration. | \$253,000 |
| Assess, Redesign and Install New HVAC in Visitor Center | \$174,000 |
| Replace Water Line To Park Maintenance Building | \$81,000 |
| Replace Lighting Fixtures in Visitor Center | \$79,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Pecos National Historical Park Infrastructure Fact Sheet



44 Thousand Annual Visitors¹



\$3.4 Million in Economic Output²



Infrastructure Inventory

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



37 Buildings



4 Miles of Trails



2 Housing Units*



1 Camp-ground



14 Miles of Unpaved Roads



8 Water Systems



8 Waste Water Systems



< 1 Mile of Paved Roads



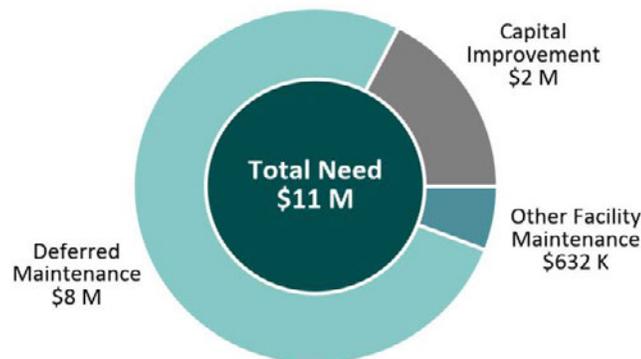
48 All Other Assets[†]

*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, and maintained archeological sites.

Estimated Maintenance Needs³

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



There is also a **\$453 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Buildings 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.



\$6 M for Buildings



\$732 K for Paved Roads & Structures

\$4 M for all remaining asset categories

Driven by maintained landscapes (\$1 M) and waste water systems (\$599 K)

[‡]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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|---|-------------------------------------|
| Comprehensive Preservation of Forked Lightning Ranch Skeet Range Historic Landscape | \$273,000 |
| Rehabilitate 1.5 Miles of Ranger Lane Road | \$246,000 |
| Repair Visitor Center Parking Lot for Visitor Experience and Safety | \$220,000 |
| Rehabilitation of Glorieta Civil War Battlefield Trail | \$144,000 |
| Rehabilitate Trading Post Carpentry Workshop | \$138,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Petrified Forest National Park Infrastructure Fact Sheet



644 Thousand Annual Visitors¹



\$46 Million in Economic Output²

Infrastructure Inventory

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



*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, boundaries, utility systems, maintained archeological sites, and interpretive media.

Estimated Maintenance Needs³

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 Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] 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.

\$31 M for Paved Roads & Structures

\$11 M for Buildings

\$16 M for all remaining asset categories
Driven by housing (\$3 M) and water systems (\$3 M)

[‡]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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|--|-------------------------------------|
| Stabilize Painted Desert Inn | \$1,243,000 |
| Replace Water Distribution Lines in the Painted Desert Community Complex | \$706,000 |
| Replace Wastewater Collection System at Rainbow Forest | \$683,000 |
| Stabilize and Rehabilitate Paulsell Ranch | \$614,000 |
| Rehabilitate Long Logs Trail | \$599,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Petroglyph National Monument Infrastructure Fact Sheet



294 Thousand
Annual Visitors¹



\$23 Million
in Economic Output²

Infrastructure Inventory

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

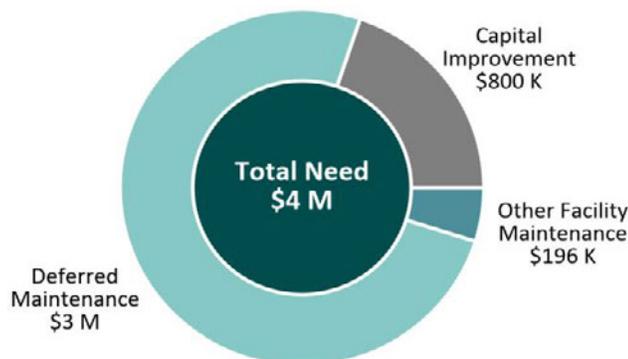


*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

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

Estimated Maintenance Needs³

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



There is also a **\$488 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Trails 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.



\$2 M for Trails



\$1 M for Buildings

\$1 M for all remaining asset categories

Driven by maintained landscapes (\$550 K) and paved roads (\$280 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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|---|-------------------------------------|
| Rehabilitate Maintenance Building | \$600,000 |
| Rehabilitate Lava Shadows Building | \$248,000 |
| Repair Volcanoes Trail Surfaces | \$235,000 |
| Mitigate Erosion Issues in Mesa Prieta Maintained Landscape | \$194,000 |
| Repair Escarpment Trail | \$194,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Pipe Spring National Monument Infrastructure Fact Sheet



27 Thousand Annual Visitors¹



\$1.9 Million in Economic Output²

Infrastructure Inventory

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



17 Buildings



< 1 Mile of Trails



4 Housing Units*



1 Camp-ground



2 Miles of Unpaved Roads



2 Water Systems



1 Waste Water System



< 1 Mile of Paved Roads



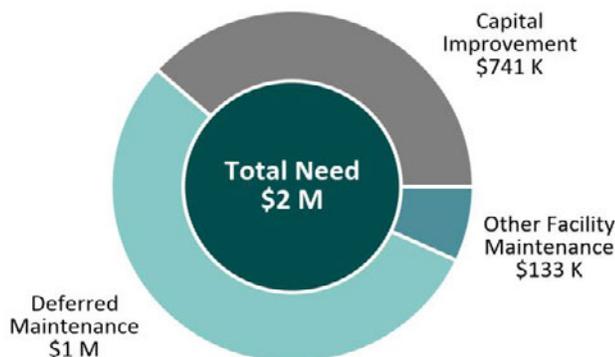
25 All Other Assets[†]

*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 trail bridges, maintained landscapes, boundaries, utility systems, monuments, and interpretive media.

Estimated Maintenance Needs³

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



There is also a **\$209 K annual Routine Maintenance⁴** 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.



\$686 K for Housing



\$399 K for Buildings

\$845 K for all remaining asset categories

Driven by maintained landscapes (\$214 K) and paved roads (\$159 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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|--|-------------------------------------|
| Rehabilitate and Replace Septic System | \$184,000 |
| Repair Monument Walkway Pedestrian Bridge and Repoint Bridge Retaining Walls | \$66,000 |
| Reconfigure Visitor Center Interior for Employee and Visitor Physical Safety | \$50,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Rainbow Bridge National Monument Infrastructure Fact Sheet



115 Thousand Annual Visitors¹



\$7.7 Million in Economic Output²

Infrastructure Inventory

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



1 Building



1 Mile 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 marinas.

Estimated Maintenance Needs³

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



There is also a **\$30 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

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



\$764 K for Trails

\$3 M for all remaining asset categories
Driven by marinas (\$3 M)

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

Project Funding

Rainbow Bridge National Monument does not have any projects in the formulated lists released publicly.⁵

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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).



Rocky Mountain National Park Infrastructure Fact Sheet



4.7 Million
Annual Visitors¹



\$477 Million
in Economic Output²

Infrastructure Inventory

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

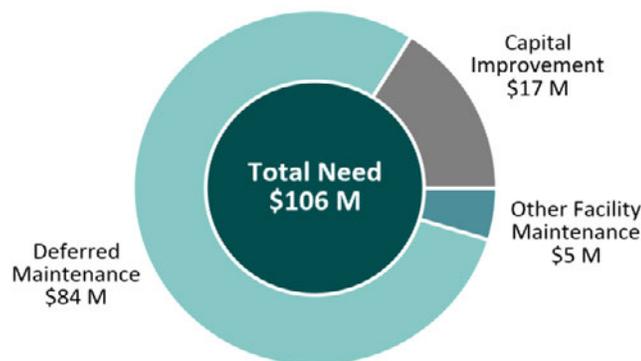


*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

†All Other assets include trail bridges, maintained landscapes, boundaries, utility systems, dams, constructed waterways, monuments, interpretive media, and amphitheatres.

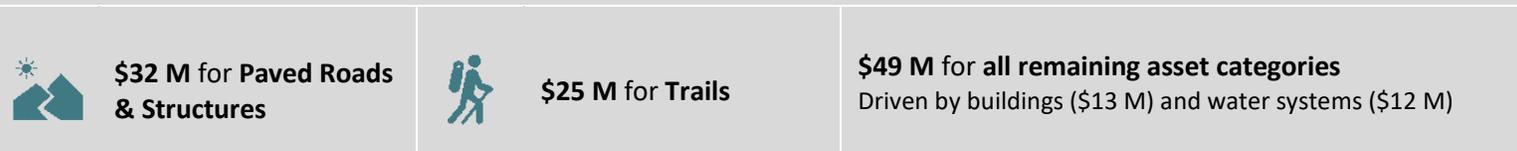
Estimated Maintenance Needs³

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



There is also a **\$9 M annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] 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.



[‡]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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|--|-------------------------------------|
| Replace Undersized Entrance Station at Fall River Entrance | \$5,728,000 |
| Rehabilitate Moraine Park Campground Wastewater System | \$1,761,000 |
| Rehabilitate Moraine Park Campground Wastewater System - Phase 1 | \$1,639,000 |
| Rehabilitate Alpine Visitor Center Developed Area, Phase I of II | \$1,544,000 |
| Rehabilitate Headquarters East Water System Phase 7 | \$871,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Saguaro National Park Infrastructure Fact Sheet



1 Million
Annual Visitors¹



\$98 Million
in Economic Output²

Infrastructure Inventory

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

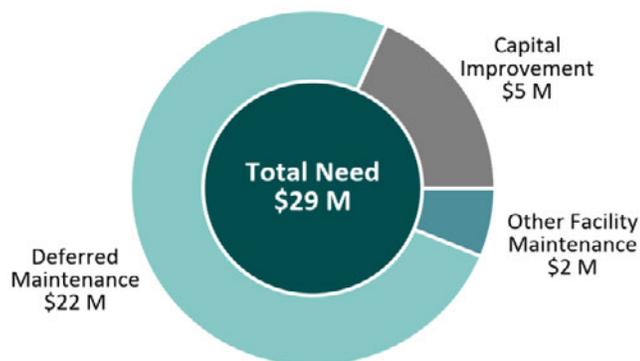


*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

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

Estimated Maintenance Needs³

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



There is also a **\$3 M annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] 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.



[‡]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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|--|-------------------------------------|
| Repair Douglas Spring Trail Segment 3 and Tanque Verde Ridge Trail Segment 1 | \$1,018,000 |
| Rehabilitate Manning Camp Segment 3 Trail Features | \$456,000 |
| Rehabilitate the Headquarters Annex Building | \$439,000 |
| Rehabilitate The Lower Manning Camp Trail | \$435,000 |
| Rehabilitate the Miller Creek Trail | \$397,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Salinas Pueblo Missions National Monument Infrastructure Fact Sheet



32 Thousand Annual Visitors¹



\$2.5 Million in Economic Output²

Infrastructure Inventory

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

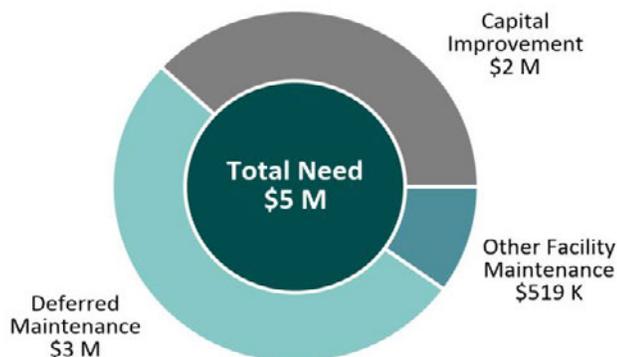


*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

†All Other assets include maintained landscapes, boundaries, utility systems, and maintained archeological sites.

Estimated Maintenance Needs³

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 Maintenance⁴** requirement in addition to the costs shown above.

Buildings 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.



\$2 M for Buildings



\$1 M for Paved Roads & Structures

\$3 M for all remaining asset categories

Driven by maintained archeological sites (\$1 M) and housing (\$654 K)

[‡]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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|---|-------------------------------------|
| Improve and Install Accessible Assets at Abo and Gran Quivira | \$289,000 |
| Rehabilitate Gran Quivira Administrative Use Roads | \$195,000 |
| Stabilize and Repair Casa de Gonzales at Quarai | \$116,000 |
| Replace Heating and Cooling Units in Visitor Center Areas | \$89,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



San Antonio Missions National Historical Park Infrastructure Fact Sheet



1.3 Million Annual Visitors¹



\$140 Million in Economic Output²

Infrastructure Inventory

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



30 Buildings



14 Miles of Trails



0 Housing Units*



1 Camp-ground



4 Miles of Unpaved Roads



1 Water System



2 Waste Water Systems



< 1 Mile of Paved Roads



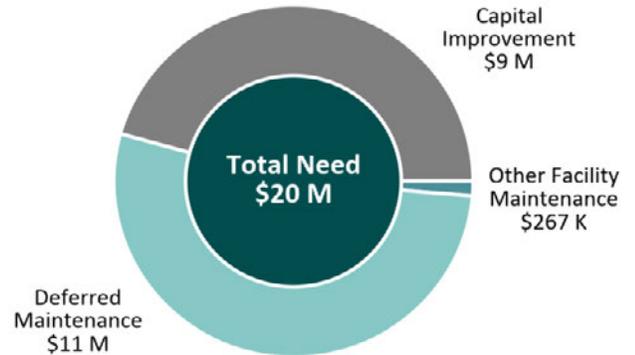
88 All Other Assets[†]

*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, dams, constructed waterways, maintained archeological sites, and interpretive media.

Estimated Maintenance Needs³

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



There is also a **\$688 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

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



\$10 M for Buildings



\$2 M for Unpaved Roads

\$8 M for all remaining asset categories

Driven by interpretive media (\$3 M) and maintained landscapes (\$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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|---|-------------------------------------|
| Stabilize and Repair San Jose Convento Ruins North Wall | \$433,000 |
| Rehabilitate the Historic San Juan Labores | \$351,000 |
| Rehabilitate San Jose Convento Garden | \$290,000 |
| Repoint Historic Stonework at Mission San Jose - North Wall | \$195,000 |
| Repair Masonry Walls and Moisture controls at Mission Concepcion Convento | \$171,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Sand Creek Massacre National Historic Site Infrastructure Fact Sheet



6 Thousand
Annual Visitors¹



\$344 Thousand
in Economic Output²

Infrastructure Inventory

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



5 Buildings



< 1 Mile of
Trails



0 Housing
Units*



0 Camp-
grounds



7 Miles of
Unpaved
Roads



3 Water
Systems



1 Waste
Water
System



0 Miles of
Paved Roads



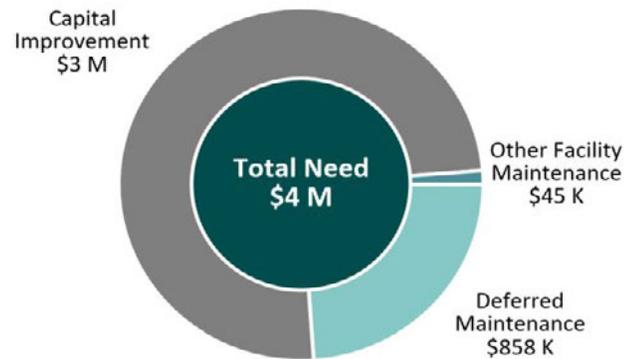
8 All Other
Assets[†]

*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, boundaries, and monuments.

Estimated Maintenance Needs³

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



There is also a **\$568 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Unpaved Roads 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.



**\$2 M for Unpaved
Roads**



\$803 K for Trails

\$870 K for all remaining asset categories

Driven by maintained landscapes (\$519 K) and buildings (\$309 K)

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

Project Funding

Sand Creek Massacre National Historic Site does not have any projects in the formulated lists released publicly.⁵

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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).



Sunset Crater Volcano National Monument Infrastructure Fact Sheet



108 Thousand Annual Visitors¹



\$7.2 Million in Economic Output²

Infrastructure Inventory

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

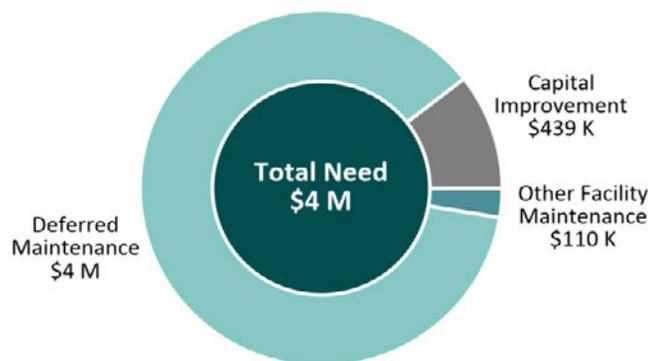


*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

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

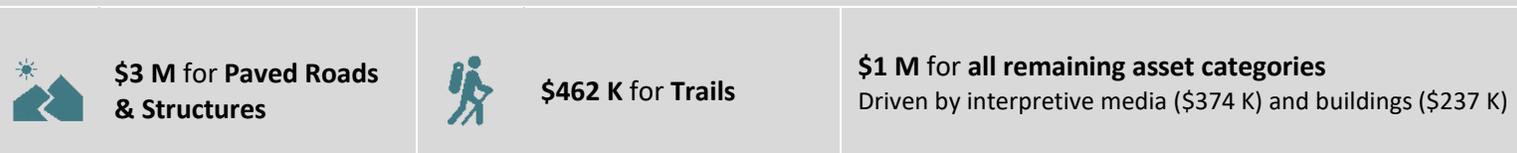
Estimated Maintenance Needs³

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



There is also a **\$244 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] 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.



[‡]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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|--|-------------------------------------|
| Install Fire Suppression Systems in Residences | \$98,000 |
| Rehabilitation of Failing Fuel System | \$15,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Timpanogos Cave National Monument Infrastructure Fact Sheet



104 Thousand Annual Visitors¹



\$9.1 Million in Economic Output²

Infrastructure Inventory

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



15 Buildings



3 Miles of Trails



1 Housing Unit*



0 Campgrounds



0 Miles of Unpaved Roads



1 Water System



3 Waste Water Systems



< 1 Mile of Paved Roads



11 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 Needs³

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



There is also a **\$215 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] 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 Paved Roads & Structures



\$793 K for Trails

\$2 M for all remaining asset categories

Driven by buildings (\$619 K) and electrical systems (\$600 K)

[‡]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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|---|-------------------------------------|
| Repair and Expand Last Chance Restroom Roof for Rockfall Protection | \$98,000 |
| Replace Roof at Maintenance Building | \$59,000 |
| Correct Fire Protection Deficiencies | \$29,000 |
| Removal of Unsafe Mesa Top Weather Station | \$23,000 |
| Replace Rock House Heating System | \$19,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Tonto National Monument Infrastructure Fact Sheet



29 Thousand Annual Visitors¹



\$2.5 Million in Economic Output²



Infrastructure Inventory

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



17 Buildings



2 Miles of Trails



5 Housing Units*



1 Camp-ground



< 1 Mile of Unpaved Roads



1 Water System



1 Waste Water System



1 Mile of Paved Roads



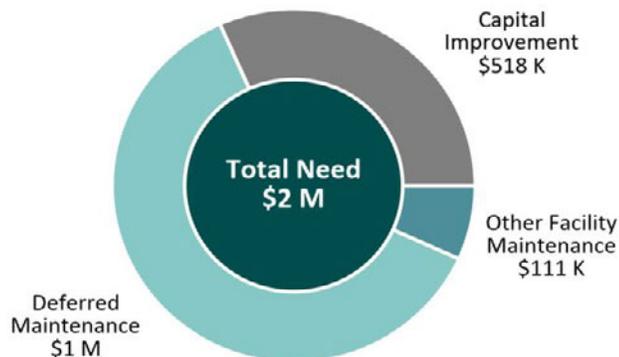
72 All Other Assets[†]

*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 maintained landscapes, boundaries, utility systems, maintained archeological sites, interpretive media, and amphitheaters.

Estimated Maintenance Needs³

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



There is also a **\$356 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] 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.



\$705 K for Paved Roads & Structures



\$255 K for Buildings

\$676 K for all remaining asset categories
Driven by trails (\$229 K) and electrical systems (\$182 K)

[‡]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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|--|-------------------------------------|
| Replace Overhead with Underground Electrical Transmission System | \$280,000 |
| Rehabilitate Residential Quarters 19 | \$160,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Tumacácori National Historical Park Infrastructure Fact Sheet



40 Thousand
Annual Visitors¹



\$3 Million
in Economic Output²

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



1 Housing
Unit*



0 Camp-
grounds



0 Miles of
Unpaved
Roads



3 Water
Systems



2 Waste
Water
Systems



< 1 Mile of
Paved Roads



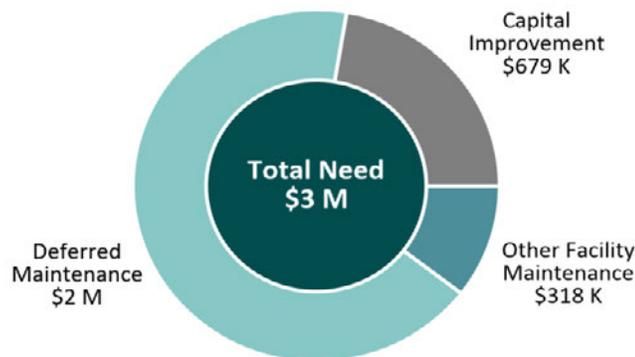
26 All Other
Assets[†]

*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, boundaries, utility systems, maintained archeological sites, and interpretive media.

Estimated Maintenance Needs³

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



There is also a **\$252 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Buildings and Water Systems 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



**\$209 K for Water
Systems**

\$2 M for all remaining asset categories

Driven by maintained archeological sites (\$1 M) and maintained landscapes (\$278 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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|--|-------------------------------------|
| Replace Roof on Boundey, Residence, Comfort Station and Maintenance Barn | \$248,000 |
| Replace Fire Pump for South Compound Fire Protection System | \$194,000 |
| Replace/Repair Electric in Visitor Center and Boundey House | \$156,000 |
| Repoint Bell Tower on Mission Church | \$142,000 |
| Improve Drainage Around Tumacácori Church | \$90,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Tuzigoot National Monument Infrastructure Fact Sheet



99 Thousand Annual Visitors¹



\$8.6 Million in Economic Output²

Infrastructure Inventory

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



7 Buildings



3 Miles of Trails



2 Housing Units*



0 Campgrounds



< 1 Mile of Unpaved Roads



1 Water System



1 Waste Water System



1 Mile of Paved Roads



6 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, boundaries, utility systems, constructed waterways, and maintained archeological sites.

Estimated Maintenance Needs³

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



There is also a **\$155 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] 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 Paved Roads & Structures



\$644 K for Buildings

\$2 M for all remaining asset categories

Driven by maintained archeological sites (\$1 M) and trails (\$390 K)

[‡]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

Tuzigoot National Monument does not have any projects in the formulated lists released publicly.⁵

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

³ Total Need includes deferred maintenance, other facility maintenance (such as corrective and emergency facility 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).



Valles Caldera National Preserve Infrastructure Fact Sheet



N/A

Annual Visitors¹



N/A

in Economic Output²

Infrastructure Inventory

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



21 Buildings



39 Miles of Trails



3 Housing Units*



0 Campgrounds



81 Miles of Unpaved Roads



2 Water Systems



2 Waste Water Systems



0 Miles of Paved Roads



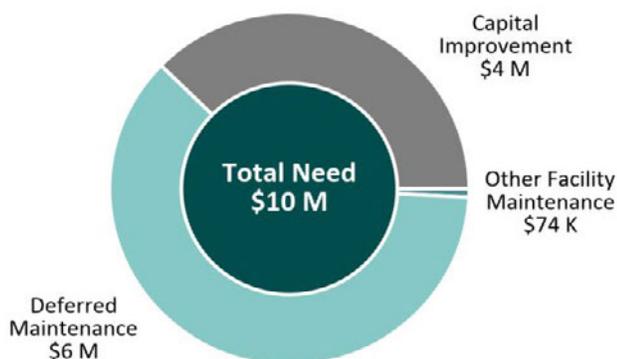
8 All Other Assets[†]

*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, boundaries, utility systems, and interpretive media.

Estimated Maintenance Needs³

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



There is also a **\$445 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Unpaved Roads 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.



\$7 M for Unpaved Roads



\$2 M for Buildings

\$2 M for all remaining asset categories
Driven by water systems (\$1 M) and trails (\$390 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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|--|-------------------------------------|
| Replace Cabin District Water System | \$3,628,000 |
| Rehabilitate Historic Foreman's Cabin | \$268,000 |
| Rehabilitate the Historic Cowboy Cabin | \$103,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Waco Mammoth National Monument Infrastructure Fact Sheet



111 Thousand Annual Visitors¹



\$8.3 Million in Economic Output²

Infrastructure Inventory

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



4 Buildings



< 1 Mile of Trails



0 Housing Units*



0 Campgrounds



0 Miles of Unpaved Roads



2 Water Systems



1 Waste Water System



< 1 Mile of Paved Roads



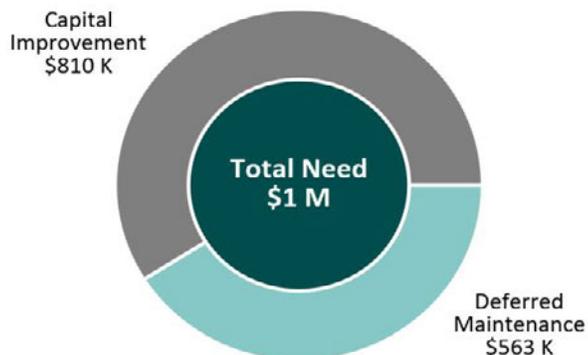
10 All Other Assets[†]

*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, boundaries, interpretive media, and amphitheaters.

Estimated Maintenance Needs³

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



There is also a **\$56 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Waste Water Systems 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.



\$573 K for Waste Water Systems



\$531 K for Paved Roads & Structures

\$269 K for all remaining asset categories
Driven by water systems (\$201 K) and buildings (\$48 K)

‡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

Waco Mammoth National Monument does not have any projects in the formulated lists released publicly.⁵

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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).



Walnut Canyon National Monument Infrastructure Fact Sheet



152 Thousand Annual Visitors¹



\$10 Million in Economic Output²

Infrastructure Inventory

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



10 Buildings



3 Miles of Trails



4 Housing Units*



0 Campgrounds



2 Miles of Unpaved Roads



1 Water System



1 Waste Water System



3 Miles of Paved Roads



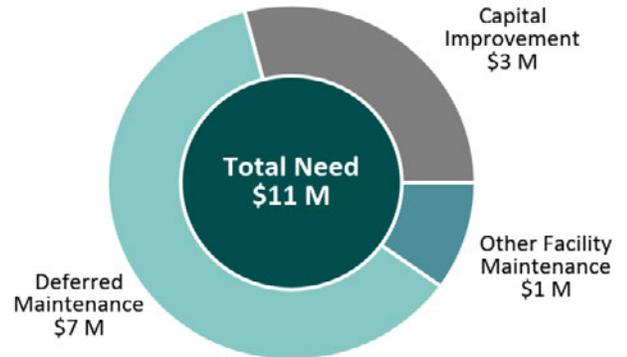
68 All Other Assets[†]

*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, boundaries, maintained archeological sites, and interpretive media.

Estimated Maintenance Needs³

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 Maintenance⁴** requirement in addition to the costs shown above.

Buildings 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.



\$6 M for Buildings



\$1 M for Paved Roads & Structures

\$3 M for all remaining asset categories

Driven by maintained archeological sites (\$1 M) and trails (\$785 K)

[‡]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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|--|-------------------------------------|
| Rehabilitate Historic Portion at the Walnut Canyon Visitor Center | \$695,000 |
| Replace Lagoon Liners | \$198,000 |
| Rehabilitate and Improve the Walnut Canyon Public Water Storage Tank | \$166,000 |
| Replace Cast Iron and Vitrified Clay Pipe Sewer Mains | \$95,000 |
| Install Fire Suppression Systems in Historic Buildings | \$55,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Washita Battlefield National Historic Site Infrastructure Fact Sheet



9 Thousand
Annual Visitors¹



\$609 Thousand
in Economic Output²

Infrastructure Inventory

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



6 Buildings



1 Mile of
Trails



0 Housing
Units*



0 Camp-
grounds



0 Miles of
Unpaved
Roads



1 Water
System



0 Waste
Water
Systems



0 Miles of
Paved Roads



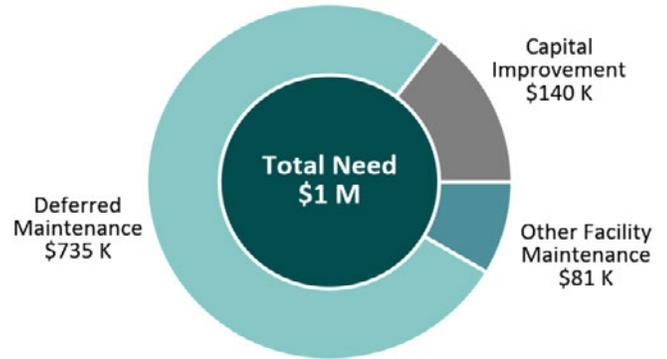
7 All Other
Assets[†]

*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, boundaries, and interpretive media.

Estimated Maintenance Needs³

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



There is also a **\$251 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] 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.



**\$334 K for Paved Roads
& Structures**



\$294 K for Buildings

\$327 K for all remaining asset categories

Driven by trails (\$237 K) and maintained landscapes (\$90 K)

[‡]Paved Roads & Structures includes paved parking areas.

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

Project Funding

Washita Battlefield National Historic Site does not have any projects in the formulated lists released publicly.⁵

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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).



Western Archeology and Conservation Center Infrastructure Fact Sheet



N/A
Annual Visitors¹



N/A
in Economic Output²

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



0 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.

[†]There are no other asset categories at Western Archeology and Conservation Center.

Estimated Maintenance Needs³

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



There is also a **\$30 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

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



\$1 M for Buildings

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

Project Funding

Western Archeology and Conservation Center does not have any projects in the formulated lists released publicly.⁵

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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).



White Sands National Park Infrastructure Fact Sheet



609 Thousand Annual Visitors¹



\$38 Million in Economic Output²



Infrastructure Inventory

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



28 Buildings



9 Miles of Trails



8 Housing Units*



6 Campgrounds



14 Miles of Unpaved Roads



1 Water System



1 Waste Water System



9 Miles of Paved Roads



41 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, boundaries, utility systems, maintained archeological sites, fortifications, and interpretive media.

Estimated Maintenance Needs³

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



There is also a **\$421 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Buildings and Water Systems 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



\$462 K for Water Systems

\$3 M for all remaining asset categories

Driven by boundaries (\$1 M) and maintained landscapes (\$383 K)

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

Project Funding

White Sands National Park does not have any projects in the formulated lists released publicly.⁵

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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).



Wupatki National Monument Infrastructure Fact Sheet



187 Thousand
Annual Visitors¹



\$14 Million
in Economic Output²

Infrastructure Inventory

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

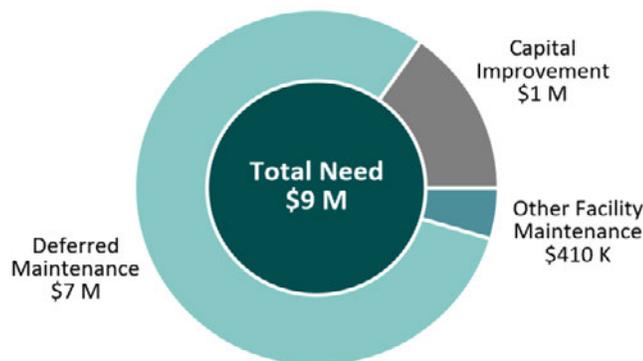


*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

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

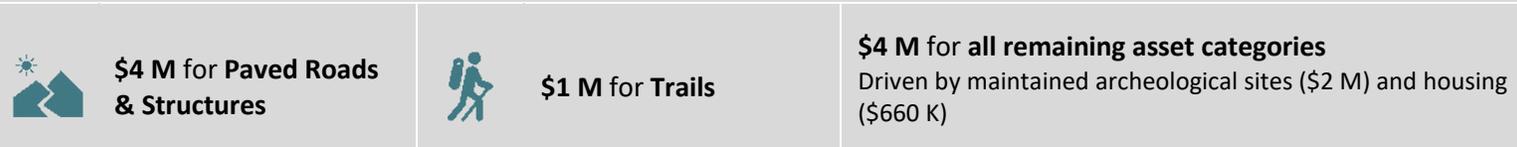
Estimated Maintenance Needs³

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



There is also a **\$663 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] 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.



[‡]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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|---|-------------------------------------|
| Rehabilitate Wupatki Boundary Fencing | \$263,000 |
| Rehabilitate the Original Museum Visitor Center | \$182,000 |
| Install Fire Suppression Systems in Housing Units | \$69,000 |
| Replace Heating Ventilating and Air Condition Systems in Two Wupatki Residences | \$26,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Yellowstone National Park Infrastructure Fact Sheet



4 Million
Annual Visitors¹



\$642 Million
in Economic Output²

Infrastructure Inventory

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



1,453
Buildings



1,113 Miles
of Trails



483
Housing
Units*



10 Camp-
grounds



61 Miles of
Unpaved
Roads



23 Water
Systems



23 Waste
Water
Systems



392 Miles of
Paved Roads



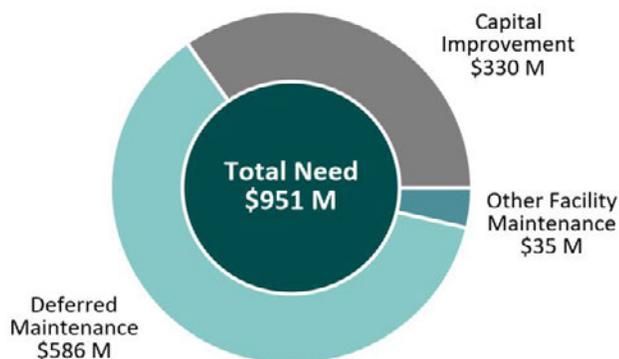
321 All
Other
Assets[†]

*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, monuments, interpretive media, and amphitheatres.

Estimated Maintenance Needs³

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



There is also a **\$33 M annual Routine Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] 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.



**\$620 M for Paved
Roads & Structures**



\$154 M for Buildings

\$176 M for all remaining asset categories
Driven by water systems (\$46 M) and trails (\$34 M)

[‡]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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|--|-------------------------------------|
| Road Reconstruction North Loop - Norris to Golden Gate Phase III | \$48,560,000 |
| Road Reconstruction Old Faithful to West Thumb, 3R | \$44,170,000 |
| Rehabilitate Norris Campground Wastewater System | \$3,758,000 |
| Replace the Madison Water Tank | \$1,676,000 |
| Dredge Bridge Bay Marina Channel | \$1,078,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.



Yucca House National Monument Infrastructure Fact Sheet



N/A

Annual Visitors¹



N/A

in Economic Output²

Infrastructure Inventory

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



0 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



3 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, boundaries, and maintained archeological sites.

Estimated Maintenance Needs³

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



There is also a **\$78 K annual Routine Maintenance⁴** requirement in addition to the costs shown above.

There are only maintenance needs for the "All Other Assets" categories at the park, **totaling \$161 K**. This is driven by boundaries (\$114 K) and maintained archeological sites (\$34 K). 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

Yucca House National Monument does not have any projects in the formulated lists released publicly.⁵

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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).



Zion National Park Infrastructure Fact Sheet



4.5 Million
Annual Visitors¹



\$344 Million
in Economic Output²

Infrastructure Inventory

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



113
Buildings



91 Miles of
Trails



39 Housing
Units*



4 Camp-
grounds



6 Miles of
Unpaved
Roads



10 Water
Systems



9 Waste
Water
Systems



80 Miles of
Paved Roads



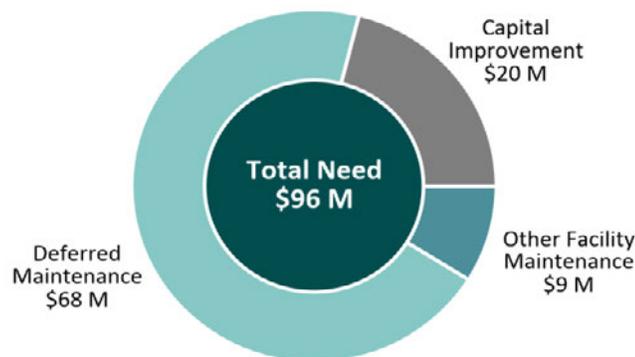
63 All Other
Assets[†]

*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, constructed waterways, monuments, maintained archeological sites, interpretive media, and amphitheaters.

Estimated Maintenance Needs³

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 Maintenance⁴** requirement in addition to the costs shown above.

Paved Roads & Structures[‡] 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.



**\$48 M for Paved Roads
& Structures**



\$17 M for Buildings

\$31 M for all remaining asset categories
Driven by trails (\$11 M) and campgrounds (\$6 M)

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

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.

| Projects in Current Funding Stream | Estimated Project Cost ⁵ |
|---|-------------------------------------|
| Replace aged fleet and upgrade infrastructure | \$27,000,000 |
| Replace Roofing System on Administration/ Museum Building | \$1,264,000 |
| Repaint and Seal Historic Stone Structures | \$322,000 |
| Rehabilitate Watchman Trail | \$243,000 |

¹ National Park Service Visitor Statistics, Annual Visitation by Park - 2019 - <https://irma.nps.gov/STATS/Reports/National>.

² Economic Contributions of National Park Visitor Spending - 2019 - <https://www.nps.gov/subjects/socialscience/vse.htm>.

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.