



# Intermountain Region Infrastructure Fact Sheets

## Park Index<sup>1</sup>

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Alibates Flint Quarries National Monument.....	1
Amistad National Recreation Area .....	2
Arches National Park .....	3
Aztec Ruins National Monument.....	4
Bandelier National Monument.....	5
Bent's Old Fort National Historic Site .....	6
Big Bend National Park .....	7
Big Thicket National Preserve.....	8
Bighorn Canyon National Recreation Area .....	9
Black Canyon of the Gunnison National Park .....	10
Bryce Canyon National Park .....	11
Canyon de Chelly National Monument.....	12
Canyonlands National Park.....	13
Capitol Reef National Park.....	14
Capulin Volcano National Monument .....	15
Carlsbad Caverns National Park.....	16
Casa Grande Ruins National Monument .....	17
Cedar Breaks National Monument .....	18
Chaco Culture National Historical Park.....	19
Chamizal National Memorial .....	20
Chickasaw National Recreation Area.....	21
Chiricahua National Monument .....	22
Colorado National Monument.....	23
Coronado National Memorial .....	24

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<sup>1</sup> 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)



Curecanti National Recreation Area .....	25
Devils Tower National Monument.....	26
Dinosaur National Monument.....	27
El Malpais National Monument.....	28
El Morro National Monument .....	29
Flagstaff Areas .....	30
Florissant Fossil Beds National Monument .....	31
Fort Bowie National Historic Site.....	32
Fort Davis National Historic Site .....	33
Fort Laramie National Historic Site.....	34
Fort Union National Monument.....	35
Fossil Butte National Monument.....	36
Gila Cliff Dwellings National Monument .....	37
Glacier National Park .....	38
Glen Canyon National Recreation Area .....	39
Golden Spike National Historical Park .....	40
Grand Canyon National Park .....	41
Grand Teton National Park .....	42
Grant-Kohrs Ranch National Historic Site.....	43
Great Sand Dunes National Park & Preserve.....	44
Guadalupe Mountains National Park .....	45
Hovenweep National Monument.....	46
Hubbell Trading Post National Historic Site.....	47
John D. Rockefeller, Jr. Memorial Parkway .....	48
Lake Meredith National Recreation Area .....	49
Little Bighorn Battlefield National Monument .....	50
Lyndon B. Johnson National Historical Park .....	51
Mesa Verde National Park.....	52
Montezuma Castle National Monument .....	53
Natural Bridges National Monument .....	54
Navajo National Monument .....	55
Old Santa Fe Trail Building National Historic Site .....	56
Organ Pipe Cactus National Monument.....	57
Padre Island National Seashore.....	58
Palo Alto Battlefield National Historical Park .....	59
Pecos National Historical Park.....	60
Petrified Forest National Park .....	61
Petroglyph National Monument.....	62



Pipe Spring National Monument .....	63
Rainbow Bridge National Monument .....	64
Rocky Mountain National Park .....	65
Saguaro National Park .....	66
Salinas Pueblo Missions National Monument .....	67
San Antonio Missions National Historical Park.....	68
Sand Creek Massacre National Historic Site .....	69
Sunset Crater Volcano National Monument.....	70
Timpanogos Cave National Monument .....	71
Tonto National Monument.....	72
Tumacácori National Historical Park.....	73
Tuzigoot National Monument .....	74
Valles Caldera National Preserve.....	75
Waco Mammoth National Monument .....	76
Walnut Canyon National Monument .....	77
Washita Battlefield National Historic Site .....	78
Western Archeology and Conservation Center .....	79
White Sands National Park .....	80
Wupatki National Monument.....	81
Yellowstone National Park.....	82
Yucca House National Monument .....	83
Zion National Park .....	84



# Alibates Flint Quarries National Monument Infrastructure Fact Sheet



9 Thousand  
Annual Visitors<sup>1</sup>



\$649 Thousand  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

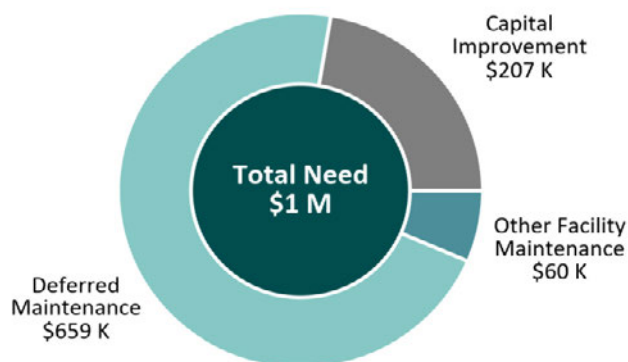


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

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

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

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



**\$425 K for Unpaved Roads**



**\$286 K for Paved Roads & Structures**

**\$215 K for all remaining asset categories**  
Driven by trails (\$139 K) and buildings (\$51 K)

<sup>‡</sup>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 <sup>5</sup>
Rehabilitation and Preservation (3R) Work on Park Roads	\$1,452,000

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$58 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

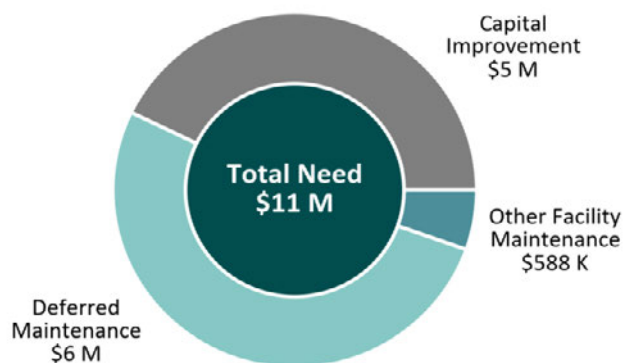


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

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

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup>** 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)

<sup>‡</sup>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 <sup>5</sup>
Rehabilitate Pecos Comfort Station	\$256,000

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$264 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

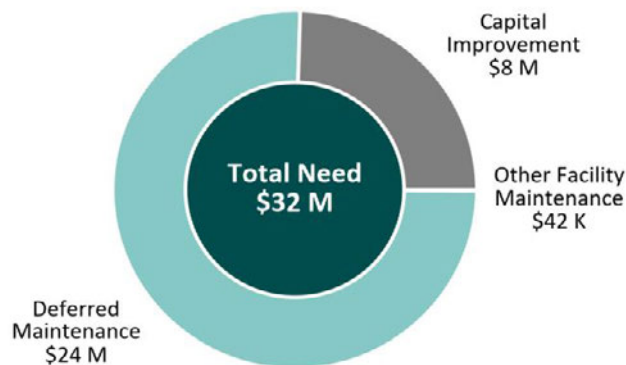


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

<sup>†</sup>All Other assets include trail bridges, maintained landscapes, boundaries, utility systems, dams, interpretive media, and amphitheaters.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup>** 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.



**\$28 M for Paved Roads & Structures**



**\$2 M for Buildings**

**\$3 M for all remaining asset categories**  
Driven by trails (\$1 M) and unpaved roads (\$629 K)

<sup>‡</sup>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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$4.5 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

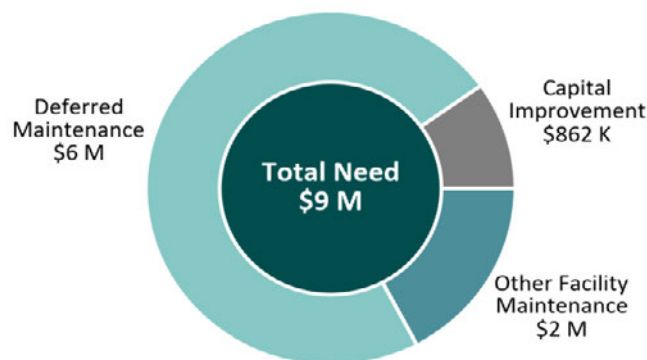


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

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

## Estimated Maintenance Needs<sup>3</sup>

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



*There is also a **\$2 M annual Routine Maintenance<sup>4</sup>** 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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$16 Million  
in Economic Output<sup>2</sup>



## 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 Camp-  
grounds



2 Miles of  
Unpaved  
Roads



4 Water  
Systems



8 Waste  
Water  
Systems



6 Miles of  
Paved Roads



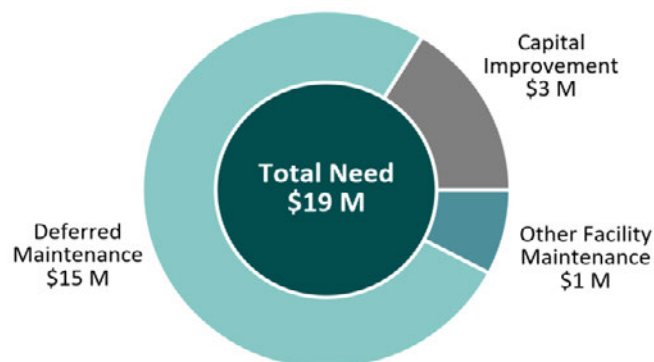
64 All Other  
Assets<sup>†</sup>

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

<sup>†</sup>All Other assets include maintained landscapes, utility systems, maintained archeological sites, interpretive media, and amphitheaters.

## Estimated Maintenance Needs<sup>3</sup>

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



There is also a **\$2 M annual Routine Maintenance<sup>4</sup>** 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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$1.6 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

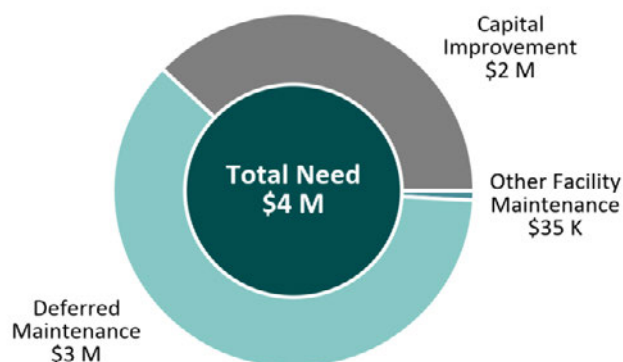


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

<sup>†</sup>All Other assets include maintained landscapes, utility systems, constructed waterways, monuments, and fortifications.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** 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 <sup>5</sup>
Repair And Upgrade The Park's Maintenance Road	\$109,000

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Park<sup>1</sup>

## Infrastructure Fact Sheet



464 Thousand  
Annual Visitors<sup>2</sup>

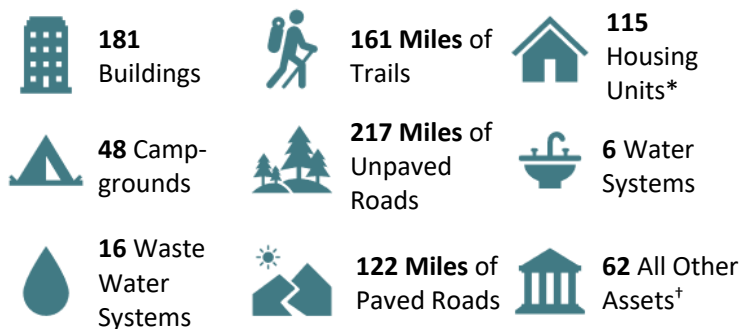


\$47 Million  
in Economic Output<sup>3</sup>



### Infrastructure Inventory

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

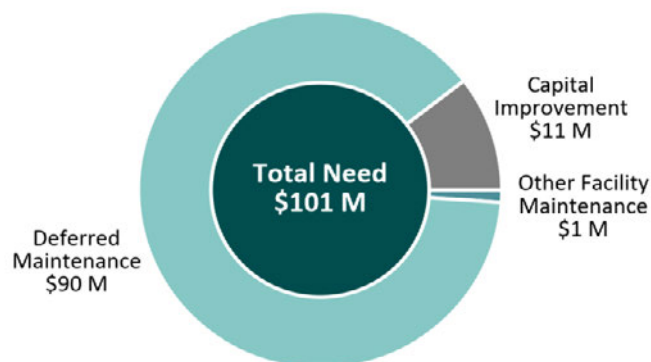


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

<sup>†</sup>All Other assets include maintained landscapes, utility systems, marinas, aviation systems, maintained archeological sites, interpretive media, and amphitheaters.

### Estimated Maintenance Needs<sup>4</sup>

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



There is also a **\$4 M annual Routine Maintenance<sup>5</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup> 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)

<sup>‡</sup>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 <sup>6</sup>
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

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

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

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

<sup>4</sup>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.

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

<sup>6</sup>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 Thicket National Preserve Infrastructure Fact Sheet



256 Thousand  
Annual Visitors<sup>1</sup>



\$22 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

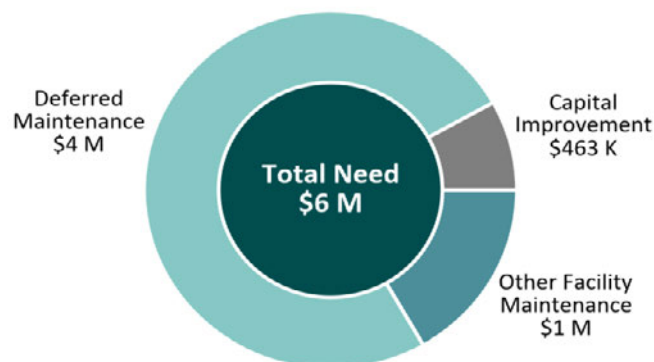


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

<sup>†</sup>All Other assets include trail bridges, maintained landscapes, boundaries, utility systems, marinas, and interpretive media.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** 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.<sup>5</sup>

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>

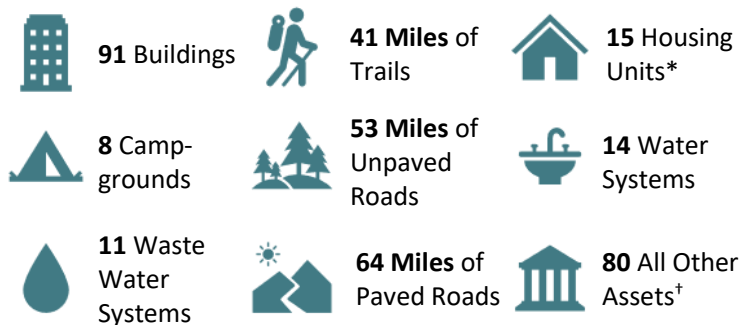


\$13 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

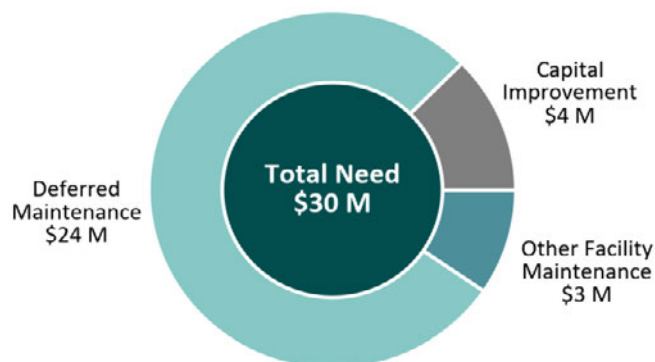


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

<sup>†</sup>All Other assets include maintained landscapes, boundaries, utility systems, constructed waterways, marinas, aviation systems, maintained archeological sites, interpretive media, and amphitheaters.

## Estimated Maintenance Needs<sup>3</sup>

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



There is also a **\$2 M annual Routine Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup> 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)

<sup>‡</sup>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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$34 Million  
in Economic Output<sup>2</sup>

## 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.

<sup>†</sup>All Other assets include maintained landscapes, boundaries, utility systems, interpretive media, and amphitheaters.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup>** 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.



<sup>‡</sup>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 <sup>5</sup>
Repair Road Surface at BLCA Entrance	\$936,000
Rehabilitate South Rim Amphitheater and Reconfigure for Accessibility	\$208,000

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$269 Million  
in Economic Output<sup>2</sup>



## 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.

<sup>†</sup>All Other assets include trail bridges, maintained landscapes, boundaries, utility systems, monuments, maintained archeological sites, and amphitheaters.

## Estimated Maintenance Needs<sup>3</sup>

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



There is also a **\$2 M annual Routine Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup> 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.



<sup>‡</sup>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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$36 Million  
in Economic Output<sup>2</sup>



## 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 Needs<sup>3</sup>

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



There is also a **\$2 M annual Routine Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup> 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)

<sup>‡</sup>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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>

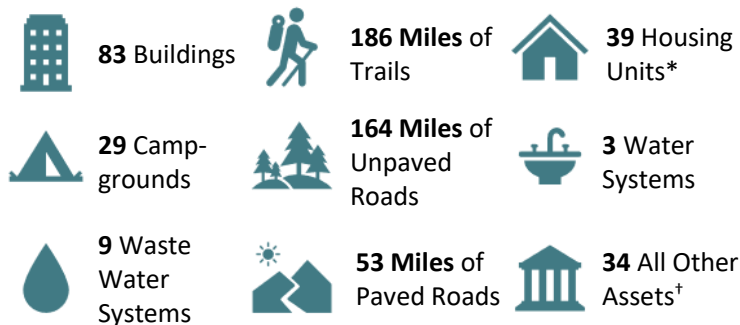


\$55 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

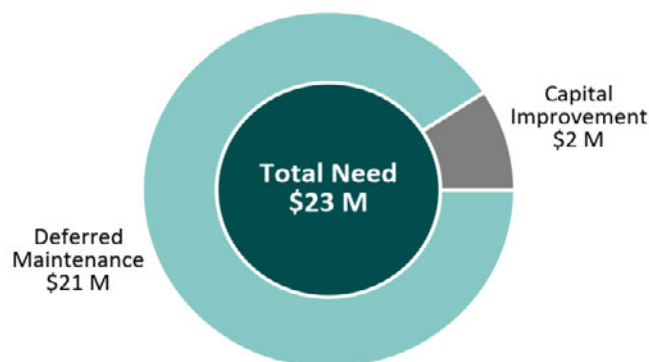


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

<sup>†</sup>All Other assets include maintained landscapes, boundaries, utility systems, maintained archeological sites, and amphitheaters.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup>** 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.



**\$15 M for Paved Roads & Structures**



**\$2 M for Trails**

**\$7 M for all remaining asset categories**

Driven by buildings (\$1 M) and electrical systems (\$1 M)

<sup>‡</sup>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 <sup>5</sup>
Replace Primary Power Diesel Generation System	\$1,642,000
Replace Propane Tank at the Needles District	\$162,000

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$102 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

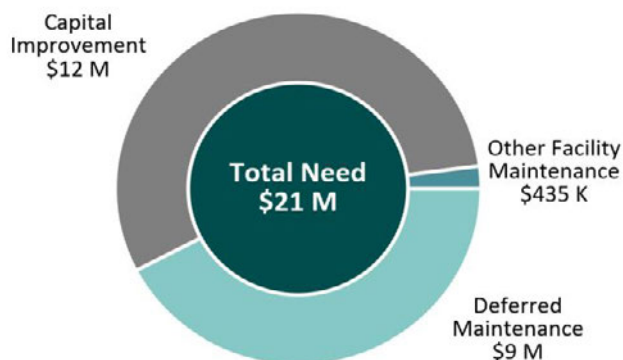


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

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

## Estimated Maintenance Needs<sup>3</sup>

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



There is also a **\$1 M annual Routine Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup>** 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)

<sup>‡</sup>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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$2.5 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

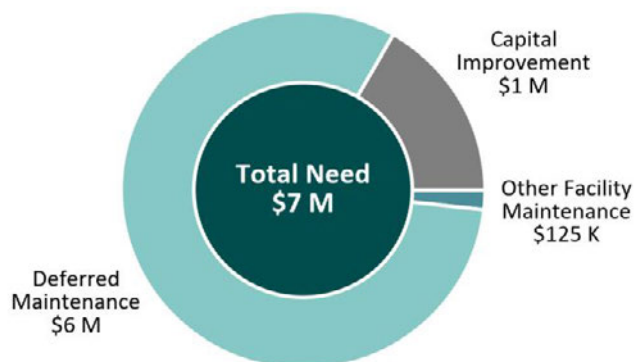


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

<sup>†</sup>All Other assets include maintained landscapes, boundaries, and utility systems.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Buildings and Paved Roads & Structures<sup>‡</sup>** 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)

<sup>‡</sup>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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$32 Million  
in Economic Output<sup>2</sup>



## 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.

<sup>†</sup>All Other assets include maintained landscapes, boundaries, utility systems, constructed waterways, interpretive media, and amphitheaters.

## Estimated Maintenance Needs<sup>3</sup>

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



There is also a **\$1 M annual Routine Maintenance<sup>4</sup>** 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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Monument<sup>1</sup>

## Infrastructure Fact Sheet



68 Thousand  
Annual Visitors<sup>2</sup>



\$6.1 Million  
in Economic Output<sup>3</sup>



### 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



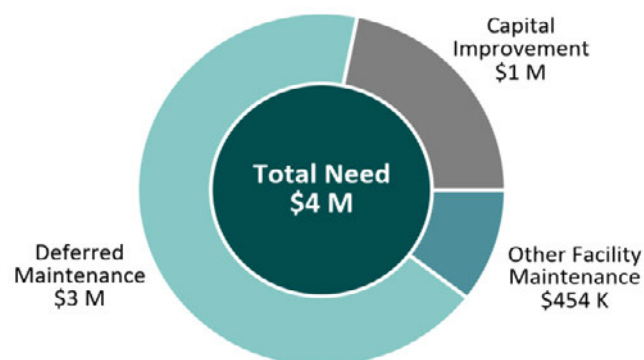
85 All Other  
Assets<sup>†</sup>

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

<sup>†</sup>All Other assets include maintained landscapes, boundaries, utility systems, maintained archeological sites, and interpretive media.

### Estimated Maintenance Needs<sup>4</sup>

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



There is also a **\$2 M annual Routine Maintenance<sup>5</sup>** requirement in addition to the costs shown above.

**Buildings and Paved Roads & Structures<sup>‡</sup>** 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)

<sup>‡</sup>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 <sup>6</sup>
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

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

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

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

<sup>4</sup> 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.

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

<sup>6</sup> 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 Visitors<sup>1</sup>



\$44 Million  
in Economic Output<sup>2</sup>



## 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



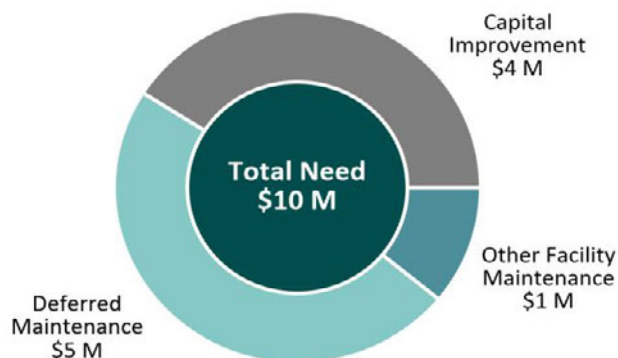
9 All Other  
Assets<sup>†</sup>

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

<sup>†</sup>All Other assets include maintained landscapes, boundaries, utility systems, interpretive media, and amphitheaters.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup>** 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)

<sup>‡</sup>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.<sup>5</sup>

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$3.4 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

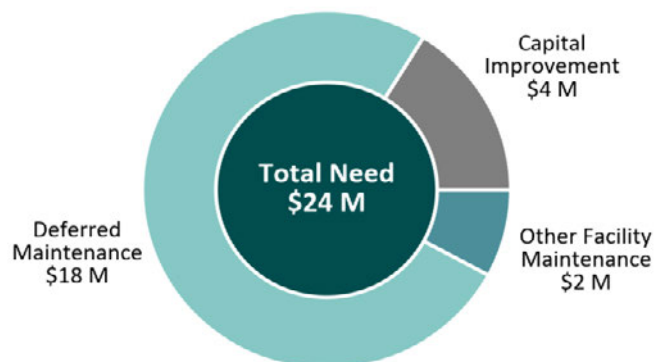


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

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

## Estimated Maintenance Needs<sup>3</sup>

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



There is also a **\$1 M annual Routine Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup> 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)

<sup>‡</sup>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 <sup>5</sup>
Rehabilitate Building Electrical Systems Parkwide	\$542,000

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$2.9 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

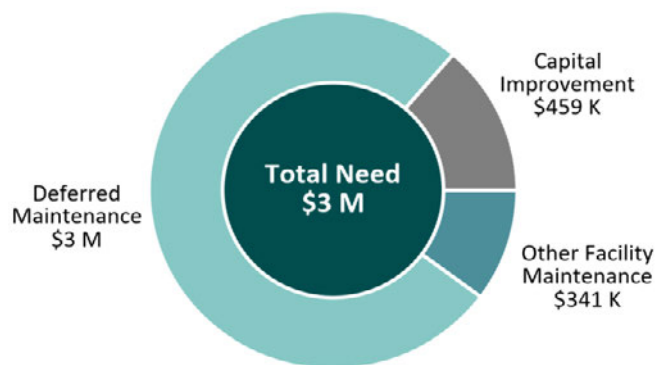


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

<sup>†</sup>All Other assets include maintained landscapes, monuments, interpretive media, and amphitheaters.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Buildings and Paved Roads & Structures<sup>‡</sup>** 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)

<sup>‡</sup>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.<sup>5</sup>

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$18 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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



97 Buildings



22 Miles of  
Trails



5 Housing  
Units\*



9 Camp-  
grounds



10 Miles of  
Unpaved  
Roads



2 Water  
Systems



1 Waste  
Water  
System



25 Miles of  
Paved Roads



77 All Other  
Assets<sup>†</sup>

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

<sup>†</sup>All Other assets include trail bridges, maintained landscapes, boundaries, utility systems, dams, constructed waterways, marinas, interpretive media, and amphitheaters.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup> 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.



**\$13 M for Paved Roads  
& Structures**



**\$4 M for Water  
Systems**

**\$8 M for all remaining asset categories**

Driven by buildings (\$3 M) and campgrounds (\$1 M)

<sup>‡</sup>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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$3.9 Million  
in Economic Output<sup>2</sup>



### Infrastructure Inventory

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



39 Buildings



19 Miles of  
Trails



12 Housing  
Units\*



1 Camp-  
ground



3 Miles of  
Unpaved  
Roads



2 Water  
Systems



6 Waste  
Water  
Systems



9 Miles of  
Paved Roads



25 All Other  
Assets<sup>†</sup>

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

<sup>†</sup>All Other assets include trail bridges, maintained landscapes, boundaries, utility systems, maintained archeological sites, interpretive media, and amphitheaters.

### Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup>** 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.



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



**\$2 M for Buildings**

**\$3 M for all remaining asset categories**  
Driven by trails (\$1 M) and housing (\$571 K)

<sup>‡</sup>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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>

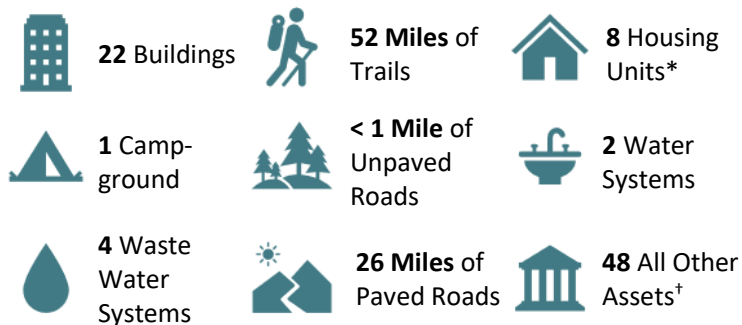


\$31 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

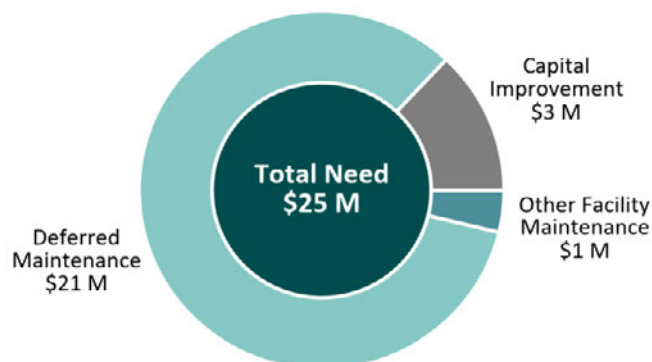


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

<sup>†</sup>All Other assets include maintained landscapes, boundaries, utility systems, interpretive media, and amphitheaters.

## Estimated Maintenance Needs<sup>3</sup>

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



There is also a **\$1 M annual Routine Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup>** 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.



**\$15 M for Paved Roads & Structures**



**\$3 M for Trails**

**\$8 M for all remaining asset categories**

Driven by water systems (\$3 M) and maintained landscapes (\$2 M)

<sup>‡</sup>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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$9.8 Million  
in Economic Output<sup>2</sup>



## 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.

<sup>†</sup>All Other assets include trail bridges, maintained landscapes, boundaries, utility systems, maintained archeological sites, and interpretive media.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup>** 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**



**\$379 K for Buildings**

**\$1 M for all remaining asset categories**

Driven by trails (\$300 K) and waste water systems (\$273 K)

<sup>‡</sup>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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$42 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

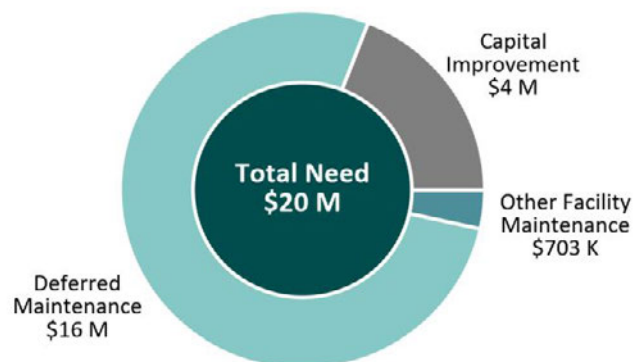


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

<sup>†</sup>All Other assets include trail tunnels, maintained landscapes, utility systems, constructed waterways, marinas, monuments, interpretive media, and amphitheaters.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup>** 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)

<sup>‡</sup>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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$37 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

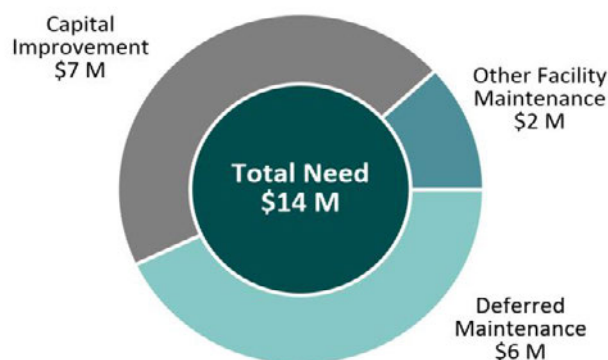


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

<sup>†</sup>All Other assets include maintained landscapes, boundaries, utility systems, monuments, interpretive media, and amphitheatres.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Unpaved Roads and Paved Roads & Structures<sup>‡</sup>** 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)

<sup>‡</sup>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 <sup>5</sup>
Rehabilitate Electric and Install Fire Suppression System at The Maintenance Shop	\$172,000
Rehabilitate Administration Building Public and Employee Restrooms	\$35,000

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>

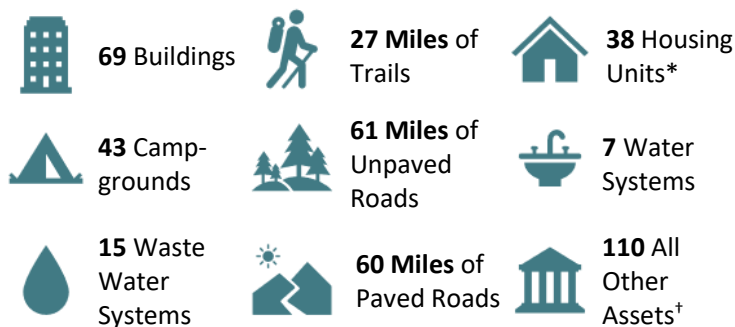


\$20 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

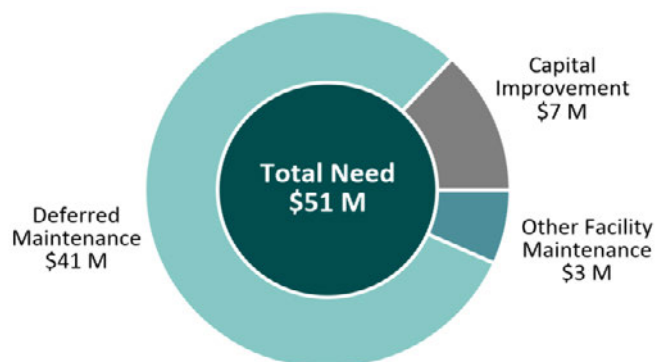


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

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

## Estimated Maintenance Needs<sup>3</sup>

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



There is also a **\$2 M annual Routine Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup>** 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)

<sup>‡</sup>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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$12 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

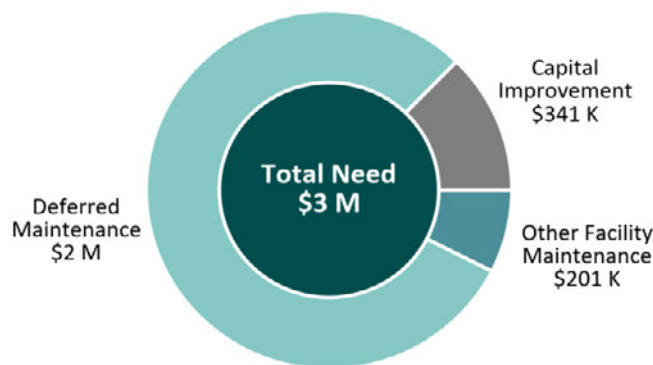


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

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

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** 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 <sup>5</sup>
Rehabilitate Big Tubes Unpaved Road	\$720,000
Replace Visitor Center Heating, Ventilation, and Air Conditioning Systems	\$398,000

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$4.6 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

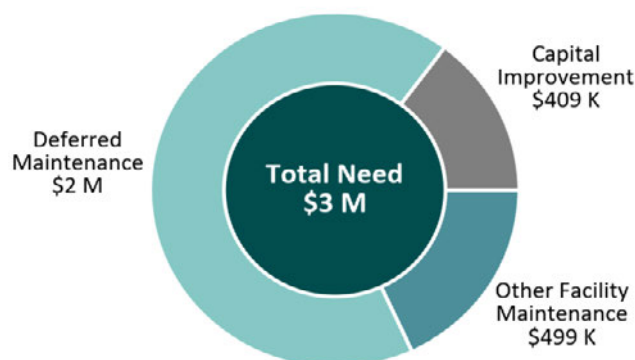


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

<sup>†</sup>All Other assets include trail bridges, maintained landscapes, and utility systems.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup>** 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.



<sup>‡</sup>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 <sup>5</sup>
Replace Water Distribution Line	\$119,000
Replace Upper Wastewater Lagoon Liner	\$59,000

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



N/A

in Economic Output<sup>2</sup>



## 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 Camp-  
grounds



0 Miles of  
Unpaved  
Roads



0 Water  
Systems



0 Waste  
Water  
Systems



0 Miles of  
Paved Roads



1 All Other  
Asset<sup>†</sup>

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

<sup>†</sup>All Other assets include utility systems.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** 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.<sup>5</sup>

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$6.7 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

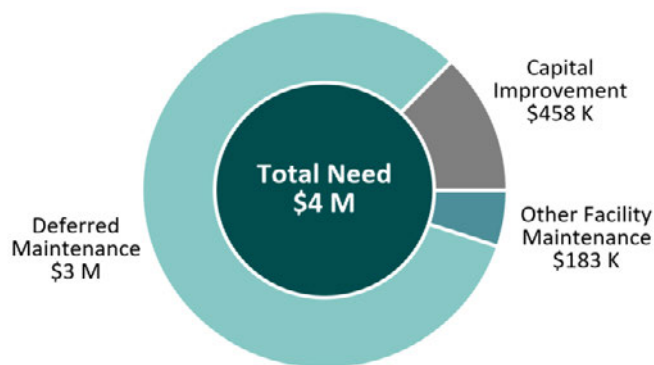


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

<sup>†</sup>All Other assets include maintained landscapes, boundaries, utility systems, dams, interpretive media, and amphitheaters.

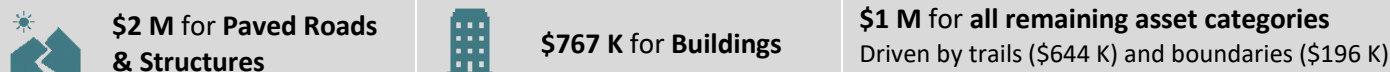
## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup>** 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.



<sup>‡</sup>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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$565 Thousand  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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



5 Buildings



7 Miles of  
Trails



2 Housing  
Units\*



0 Camp-  
grounds



2 Miles of  
Unpaved  
Roads



2 Water  
Systems



1 Waste  
Water  
System



0 Miles of  
Paved Roads



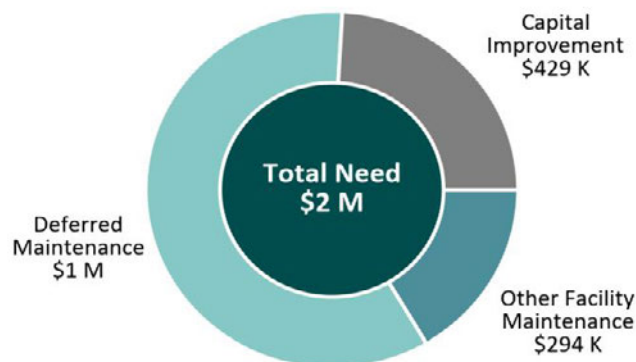
91 All Other  
Assets<sup>†</sup>

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

<sup>†</sup>All Other assets include maintained landscapes, boundaries, utility systems, maintained archeological sites, and interpretive media.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** 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 <sup>5</sup>
Stabilize the Overland Butterfield Trail	\$126,000
Remove Gasoline Fuel System	\$19,000

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$3.3 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

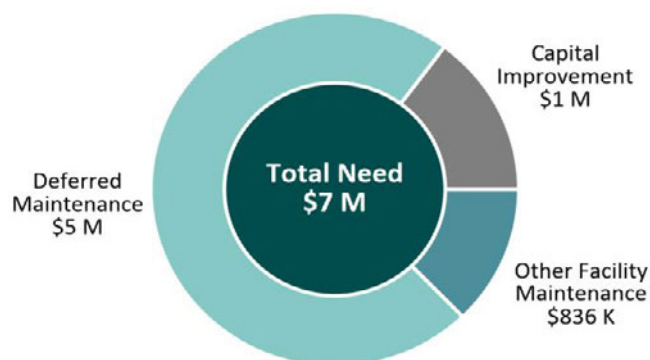


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

<sup>†</sup>All Other assets include trail bridges, maintained landscapes, boundaries, utility systems, maintained archeological sites, and interpretive media.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** 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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$3 Million  
in Economic Output<sup>2</sup>



## 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<sup>†</sup>

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

<sup>†</sup>All Other assets include maintained landscapes, boundaries, utility systems, monuments, maintained archeological sites, and interpretive media.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Buildings and Paved Roads & Structures<sup>‡</sup>** 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)

<sup>‡</sup>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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$852 Thousand  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

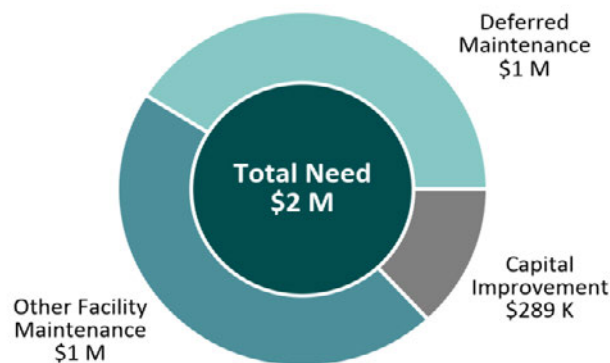


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

<sup>†</sup>All Other assets include maintained landscapes, boundaries, utility systems, monuments, maintained archeological sites, and interpretive media.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Buildings and Paved Roads & Structures<sup>‡</sup>** 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)

<sup>‡</sup>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.<sup>5</sup>

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$1.1 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

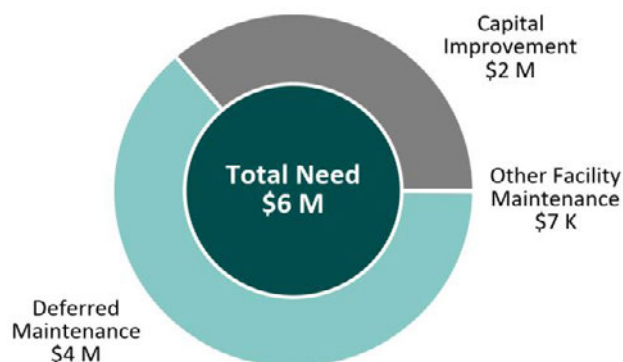


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

<sup>†</sup>All Other assets include maintained landscapes, boundaries, utility systems, and interpretive media.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup>** 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)

<sup>‡</sup>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 <sup>5</sup>
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

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

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

<sup>3</sup>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.

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

<sup>5</sup>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 Visitors<sup>1</sup>



\$4.1 Million  
in Economic Output<sup>2</sup>



## 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



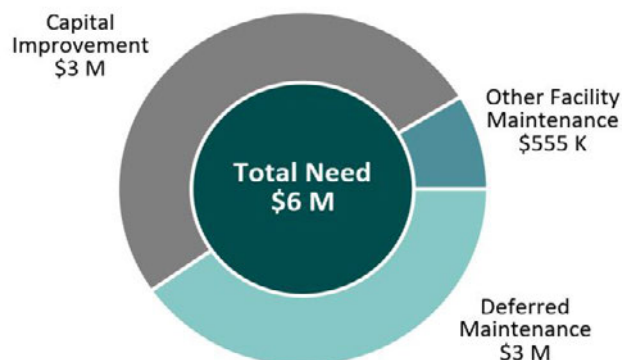
7 All Other  
Assets<sup>†</sup>

\*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 amphitheaters.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup>** 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)

<sup>‡</sup>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.<sup>5</sup>

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$501 Million  
in Economic Output<sup>2</sup>



## 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<sup>†</sup>

\*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 amphitheaters.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup>** 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)

<sup>‡</sup>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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$495 Million  
in Economic Output<sup>2</sup>



## 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



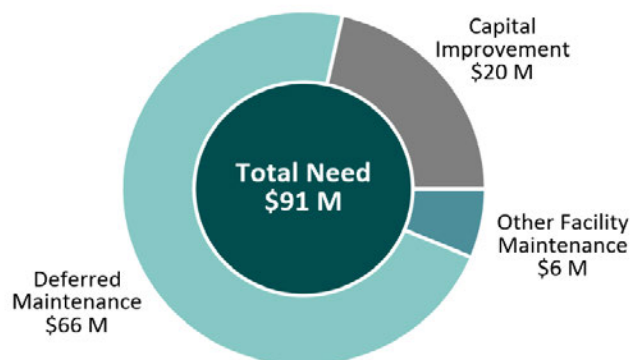
**137** All  
Other  
Assets†

\*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 amphitheaters.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup>** 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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$8.8 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

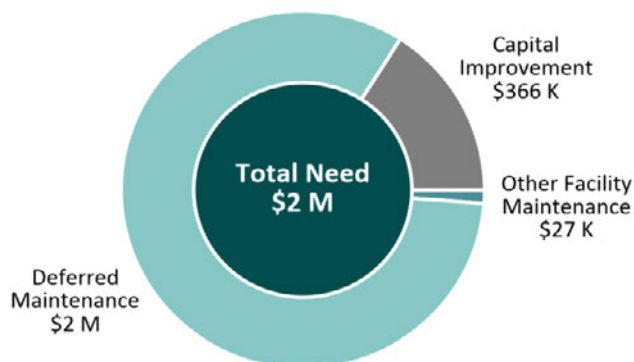


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

<sup>†</sup>All Other assets include maintained landscapes, boundaries, utility systems, railroad systems, monuments, maintained archeological sites, and interpretive media.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup>** 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)

<sup>‡</sup>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 <sup>5</sup>
Rehabilitate Visitor Center Roof	\$301,000

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$1.1 Billion  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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



**901**  
Buildings



**595 Miles of**  
Trails



**527**  
Housing  
Units\*



**9 Camp-**  
grounds



**148 Miles of**  
Unpaved  
Roads



**3 Water**  
Systems



**15 Waste**  
Water  
Systems



**122 Miles of**  
Paved Roads



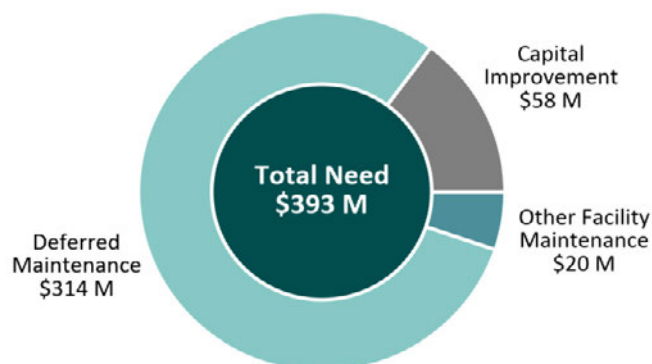
**249 All**  
Other  
Assets†

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

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Water Systems and Paved Roads & Structures<sup>‡</sup>** 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)

<sup>‡</sup>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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$796 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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



**791**  
Buildings



**361 Miles of**  
Trails



**306**  
Housing  
Units\*



**33** Camp-  
grounds



**67 Miles of**  
Unpaved  
Roads



**22** Water  
Systems



**23** Waste  
Water  
Systems



**153 Miles of**  
Paved Roads



**117** 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, dams, constructed waterways, marinas, aviation systems, ships, monuments, maintained archeological sites, interpretive media, and amphitheaters.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup>** 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)

<sup>‡</sup>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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$1.9 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

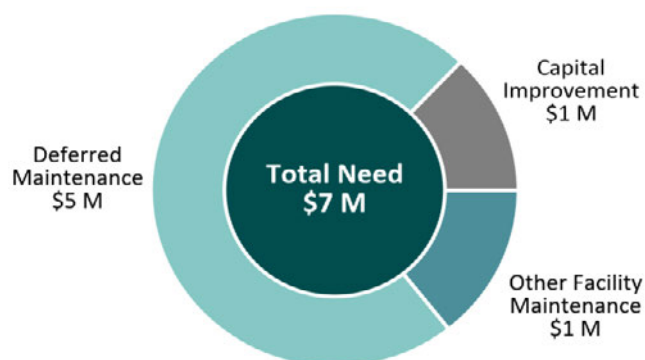


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

<sup>†</sup>All Other assets include maintained landscapes, boundaries, constructed waterways, railroad systems, and interpretive media.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Buildings and Paved Roads & Structures<sup>‡</sup>** 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)

<sup>‡</sup>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 <sup>5</sup>
Rehabilitate HS-60 Boat House	\$61,000
Replace Retaining Wall of HS-90 Slough Bridge	\$37,000
Repair and Replace Railroad Elements	\$20,000

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$40 Million  
in Economic Output<sup>2</sup>

## 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



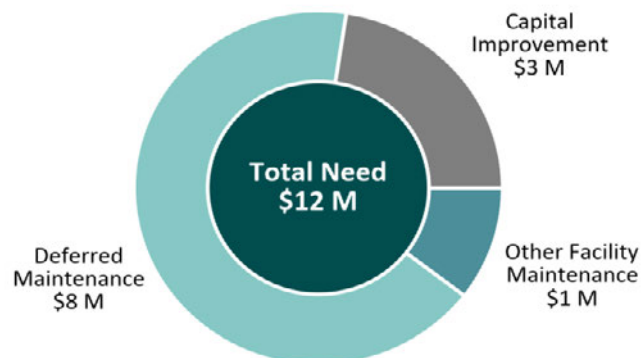
19 All Other  
Assets<sup>†</sup>

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

<sup>†</sup>All Other assets include maintained landscapes, boundaries, utility systems, interpretive media, and amphitheaters.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** 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 <sup>5</sup>
Repair Fire Sprinkler and Alarm Systems in Six Buildings	\$87,000
Correct Electrical Code Violations	\$69,000

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>

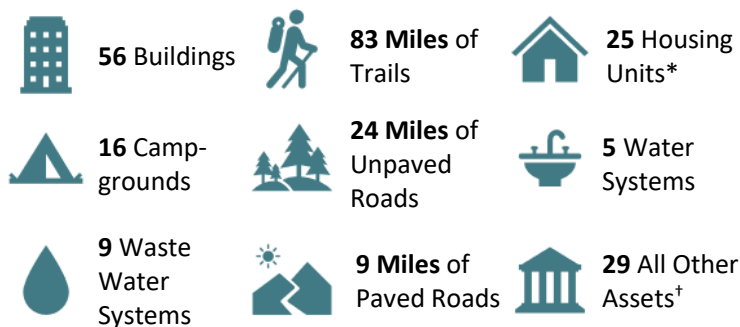


\$14 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

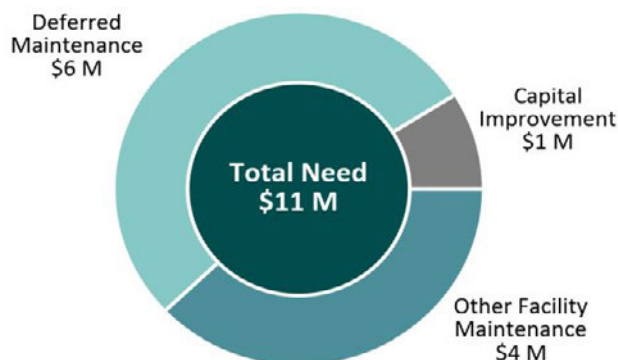


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

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

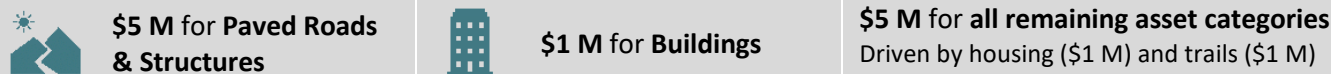
## Estimated Maintenance Needs<sup>3</sup>

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



There is also a **\$1 M annual Routine Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup>** 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.



<sup>‡</sup>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 <sup>5</sup>
Resurface Roads Rt10, Mckittrick Canyon Rt101 Pine Springs Access	\$2,516,000
Replace Generators for Dog Canyon Area	\$287,000

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$2.7 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

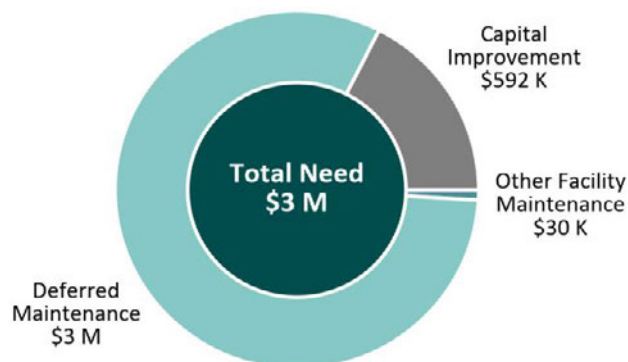


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

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

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** 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.<sup>5</sup>

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$3.5 Million  
in Economic Output<sup>2</sup>



## 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



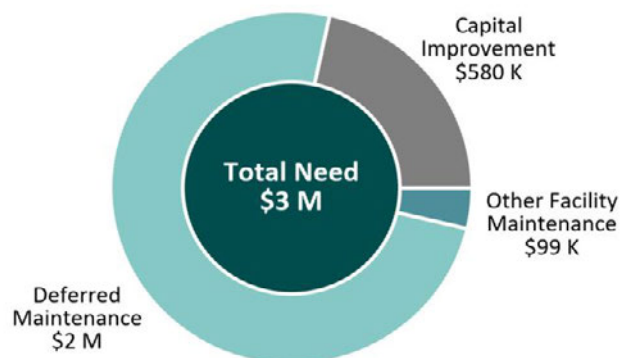
15 All Other  
Assets<sup>†</sup>

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

<sup>†</sup>All Other assets include maintained landscapes, utility systems, monuments, and maintained archeological sites.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** 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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$8.8 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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



79 Buildings



47 Miles of  
Trails



15 Housing  
Units\*



3 Camp-  
grounds



4 Miles of  
Unpaved  
Roads



3 Water  
Systems



2 Waste  
Water  
Systems



16 Miles of  
Paved Roads



11 All Other  
Assets<sup>†</sup>

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

<sup>†</sup>All Other assets include maintained landscapes and utility systems.

## Estimated Maintenance Needs<sup>3</sup>

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



There is also a **\$1 M annual Routine Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup>** 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.



**\$3 M for Paved Roads  
& Structures**



**\$3 M for Water  
Systems**

**\$3 M for all remaining asset categories**

Driven by waste water systems (\$2 M) and trails (\$573 K)

<sup>‡</sup>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 <sup>5</sup>
Rehabilitate Flagg Ranch Water Lines	\$1,100,000
Improve the Flagg Ranch Wastewater System	\$863,000

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$67 Million  
in Economic Output<sup>2</sup>



## 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<sup>†</sup>

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

<sup>†</sup>All Other assets include maintained landscapes, boundaries, utility systems, marinas, and amphitheatres.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup>** 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)

<sup>‡</sup>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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$19 Million  
in Economic Output<sup>2</sup>



## 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<sup>†</sup>

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

<sup>†</sup>All Other assets include maintained landscapes, boundaries, utility systems, monuments, fortifications, and interpretive media.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup> 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)

<sup>‡</sup>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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$9.5 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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



97 Buildings



< 1 Mile of  
Trails



14 Housing  
Units\*



3 Camp-  
grounds



3 Miles of  
Unpaved  
Roads



10 Water  
Systems



13 Waste  
Water  
Systems



6 Miles of  
Paved Roads



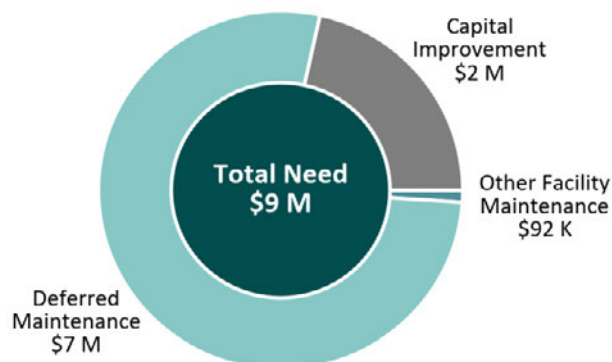
39 All Other  
Assets<sup>†</sup>

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

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

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Buildings and Paved Roads & Structures<sup>‡</sup>** 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)

<sup>‡</sup>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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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.



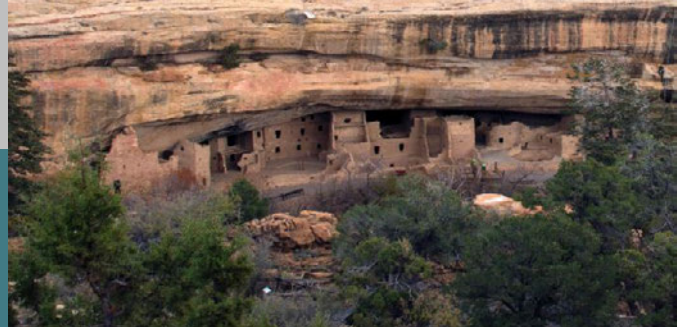
# Mesa Verde National Park Infrastructure Fact Sheet



556 Thousand  
Annual Visitors<sup>1</sup>



\$72 Million  
in Economic Output<sup>2</sup>



## 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** Camp-  
grounds



**62 Miles of**  
Unpaved  
Roads



**14** Water  
Systems



**14** Waste  
Water  
Systems



**57 Miles of**  
Paved Roads



**107** All  
Other  
Assets<sup>†</sup>

\*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 Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup>** 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)

<sup>‡</sup>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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$33 Million  
in Economic Output<sup>2</sup>



## 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.

<sup>†</sup>All Other assets include trail bridges, maintained landscapes, boundaries, utility systems, dams, constructed waterways, maintained archeological sites, interpretive media, and amphitheaters.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup> 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)

<sup>‡</sup>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.<sup>5</sup>

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$6.3 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

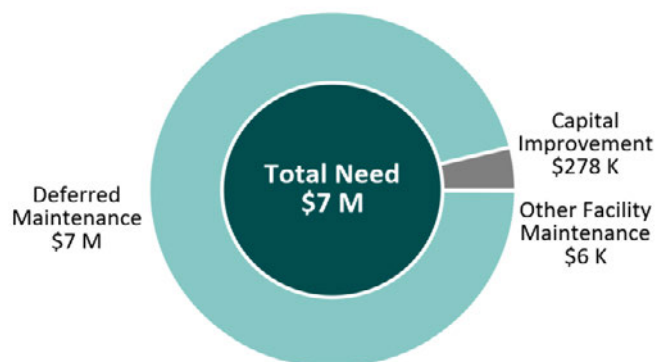


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

<sup>†</sup>All Other assets include maintained landscapes, boundaries, utility systems, monuments, maintained archeological sites, interpretive media, and amphitheaters.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup>** 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)

<sup>‡</sup>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 <sup>5</sup>
Rehabilitate Entrance Road	\$973,000
Replace Sewer Lagoon Liner	\$695,000

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$3.5 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

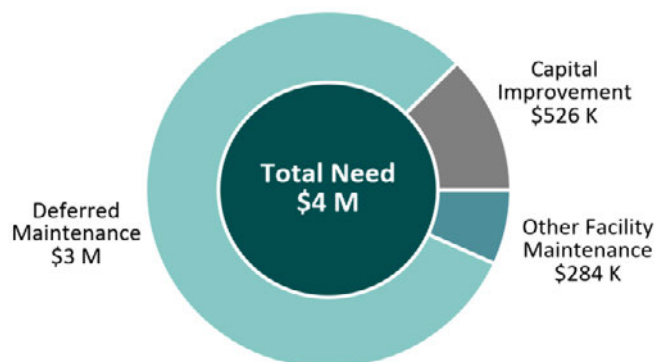


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

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

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Buildings and Paved Roads & Structures<sup>‡</sup>** 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)

<sup>‡</sup>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 <sup>5</sup>
Rehabilitate Historic Ranger Hogan	\$179,000
Rehabilitate Keet Seel Ranger Hogan	\$67,000

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



N/A

in Economic Output<sup>2</sup>



## Infrastructure Inventory

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



4 Buildings



0 Miles of Trails



0 Housing Units\*



0 Campgrounds



0 Miles of Unpaved Roads



1 Water System



1 Waste Water System



0 Miles of Paved Roads



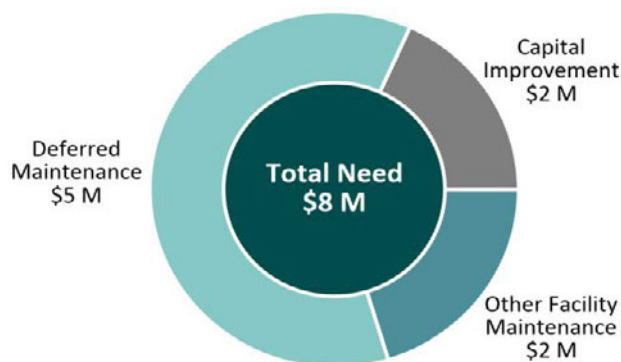
3 All Other Assets<sup>†</sup>

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

<sup>†</sup>All Other assets include maintained landscapes and utility systems.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** 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 <sup>5</sup>
Correct Drainage Deficiencies	\$59,000

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>

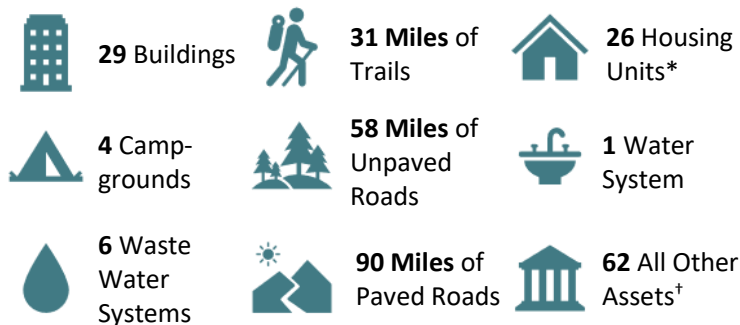


\$24 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

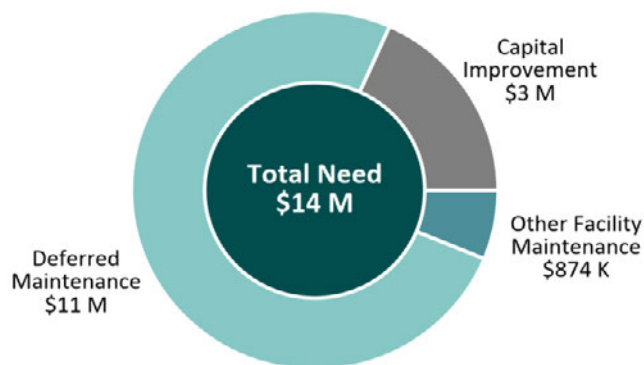


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

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

## Estimated Maintenance Needs<sup>3</sup>

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



There is also a **\$2 M annual Routine Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup>** 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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$29 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

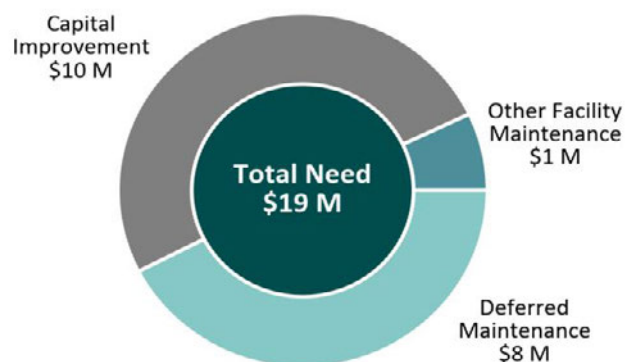


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

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

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup>** 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.



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



**\$4 M for Unpaved Roads**

**\$8 M for all remaining asset categories**

Driven by buildings (\$3 M) and maintained landscapes (\$2 M)

<sup>‡</sup>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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>

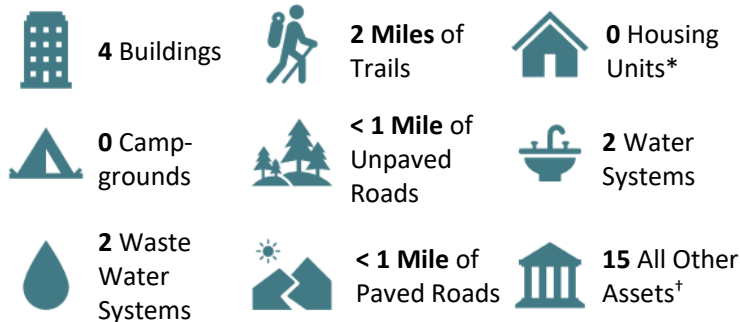


\$11 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

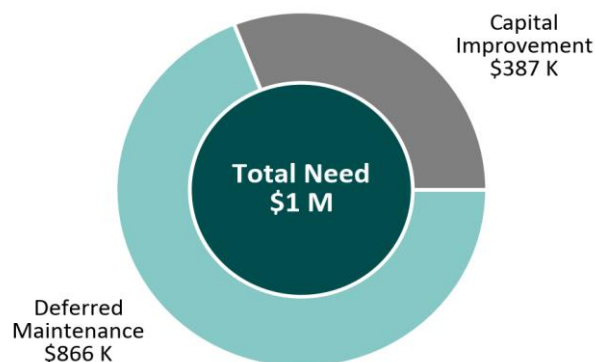


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

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

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** 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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$3.4 Million  
in Economic Output<sup>2</sup>



## 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



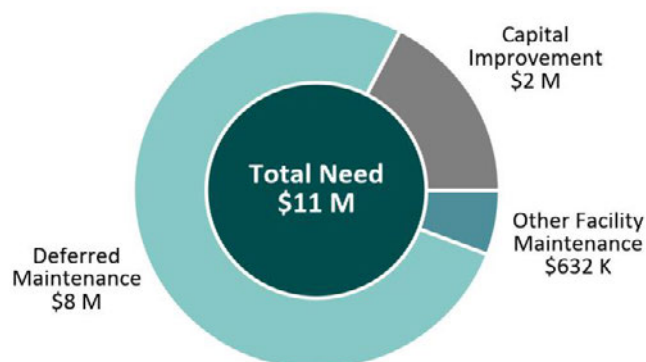
48 All Other  
Assets<sup>†</sup>

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

<sup>†</sup>All Other assets include trail bridges, maintained landscapes, boundaries, utility systems, and maintained archeological sites.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Buildings and Paved Roads & Structures<sup>‡</sup>** 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)

<sup>‡</sup>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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$46 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

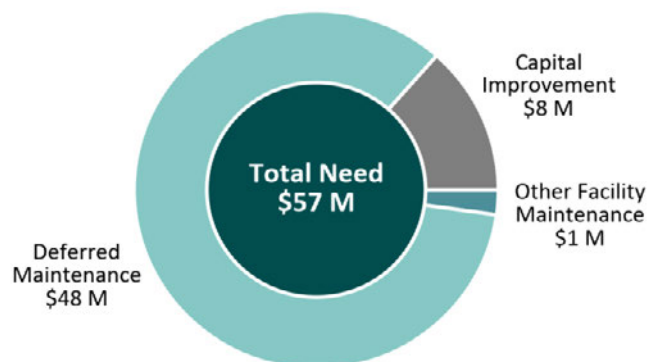


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

<sup>†</sup>All Other assets include maintained landscapes, boundaries, utility systems, maintained archeological sites, and interpretive media.

## Estimated Maintenance Needs<sup>3</sup>

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



There is also a **\$2 M annual Routine Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup>** 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)

<sup>‡</sup>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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>

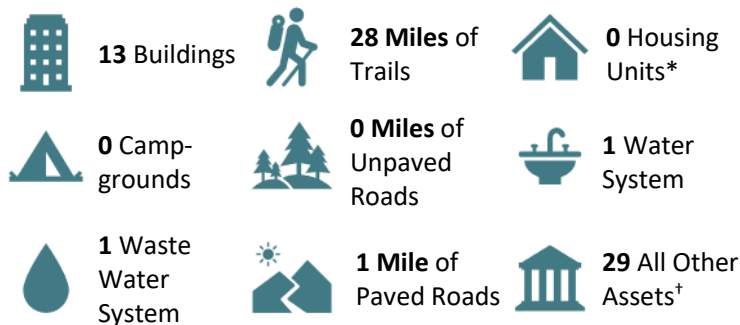


\$23 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

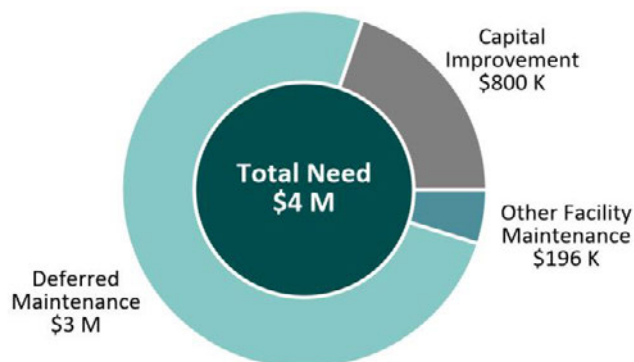


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

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

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** 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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$1.9 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

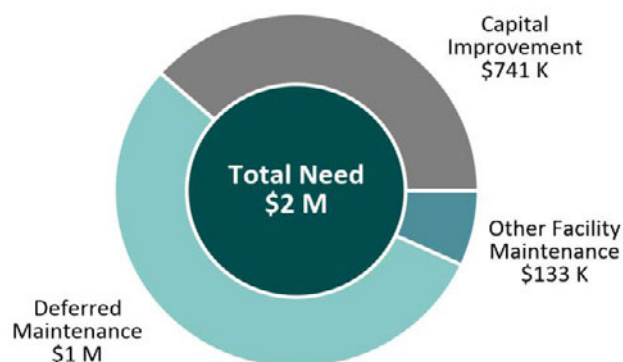


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

<sup>†</sup>All Other assets include trail bridges, maintained landscapes, boundaries, utility systems, monuments, and interpretive media.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** 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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$7.7 Million  
in Economic Output<sup>2</sup>



## 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.

<sup>†</sup>All Other assets include marinas.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** 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.<sup>5</sup>

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$477 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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



**308**  
Buildings



**368 Miles of**  
Trails



**161**  
Housing  
Units\*



**119** Camp-  
grounds



**29 Miles of**  
Unpaved  
Roads



**27** Water  
Systems



**48** Waste  
Water  
Systems



**73 Miles of**  
Paved Roads



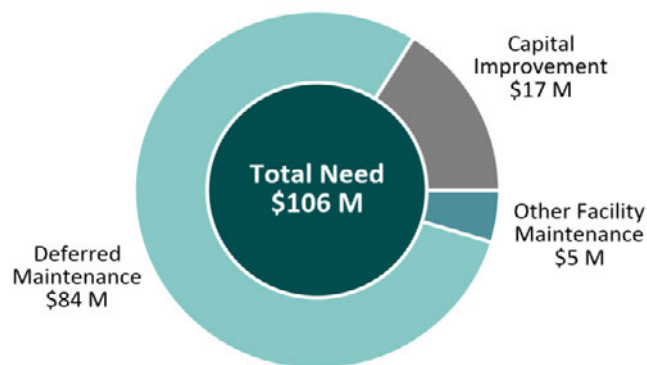
**128** All  
Other  
Assets†

\*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, monuments, interpretive media, and amphitheaters.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup>** 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.



**\$32 M for Paved Roads  
& Structures**



**\$25 M for Trails**

**\$49 M for all remaining asset categories**

Driven by buildings (\$13 M) and water systems (\$12 M)

<sup>‡</sup>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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$98 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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



57 Buildings



191 Miles of  
Trails



3 Housing  
Units\*



6 Camp-  
grounds



12 Miles of  
Unpaved  
Roads



8 Water  
Systems



8 Waste  
Water  
Systems



20 Miles of  
Paved Roads



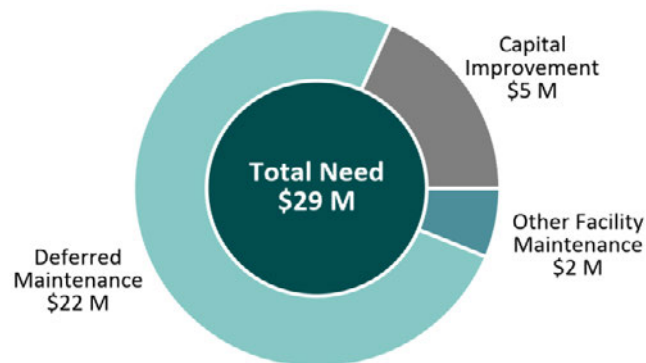
82 All Other  
Assets<sup>†</sup>

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

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

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup>** 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.



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



**\$9 M for Trails**

**\$6 M for all remaining asset categories**

Driven by buildings (\$3 M) and maintained landscapes (\$1 M)

<sup>‡</sup>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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$2.5 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

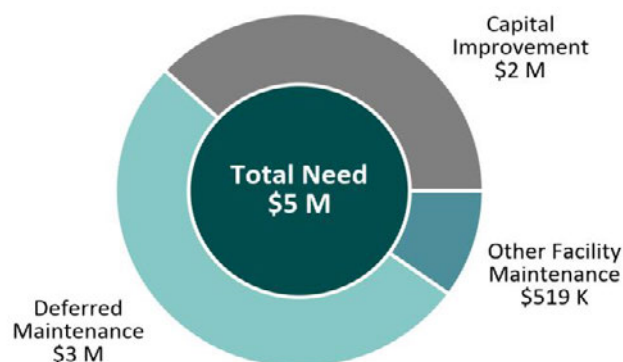


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

<sup>†</sup>All Other assets include maintained landscapes, boundaries, utility systems, and maintained archeological sites.

## Estimated Maintenance Needs<sup>3</sup>

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



There is also a **\$1 M annual Routine Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Buildings and Paved Roads & Structures<sup>‡</sup>** 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)

<sup>‡</sup>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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$140 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

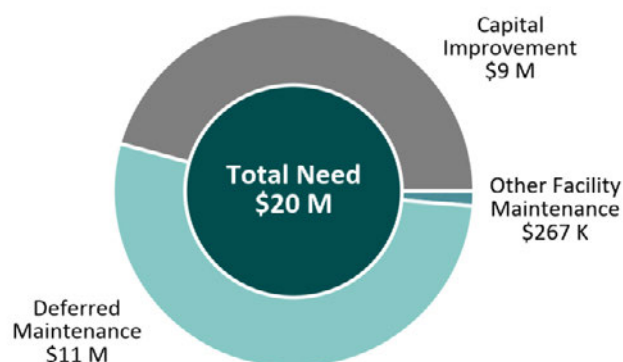


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

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

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** 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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$344 Thousand  
in Economic Output<sup>2</sup>



## 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



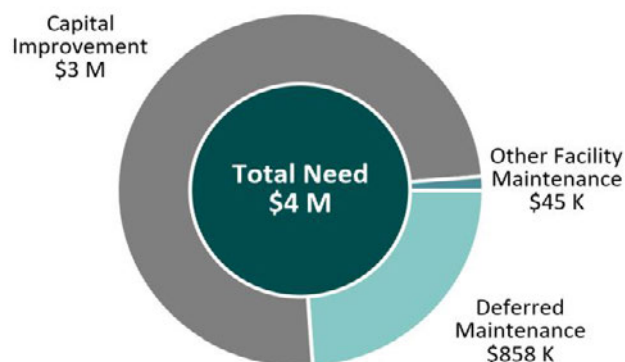
8 All Other  
Assets<sup>†</sup>

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

<sup>†</sup>All Other assets include maintained landscapes, boundaries, and monuments.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** 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.<sup>5</sup>

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$7.2 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

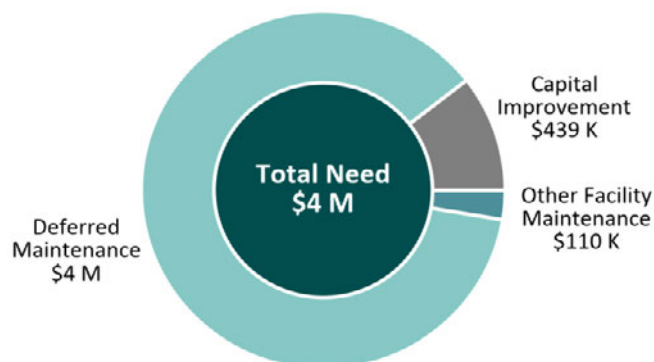


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

<sup>†</sup>All Other assets include maintained landscapes, boundaries, utility systems, and interpretive media.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup>** 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 Paved Roads & Structures**



**\$462 K for Trails**

**\$1 M for all remaining asset categories**

Driven by interpretive media (\$374 K) and buildings (\$237 K)

<sup>‡</sup>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 <sup>5</sup>
Install Fire Suppression Systems in Residences	\$98,000
Rehabilitation of Failing Fuel System	\$15,000

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$9.1 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

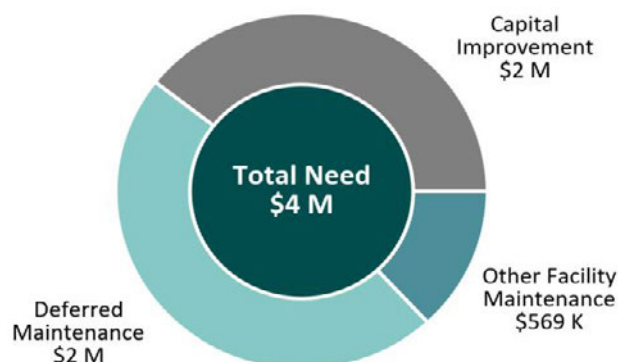


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

<sup>†</sup>All Other assets include maintained landscapes, utility systems, and interpretive media.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup>** 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)

<sup>‡</sup>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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$2.5 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

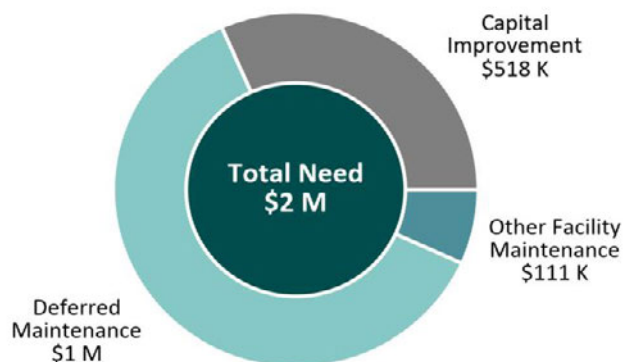


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

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

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup>** 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)

<sup>‡</sup>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 <sup>5</sup>
Replace Overhead with Underground Electrical Transmission System	\$280,000
Rehabilitate Residential Quarters 19	\$160,000

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$3 Million  
in Economic Output<sup>2</sup>



## 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



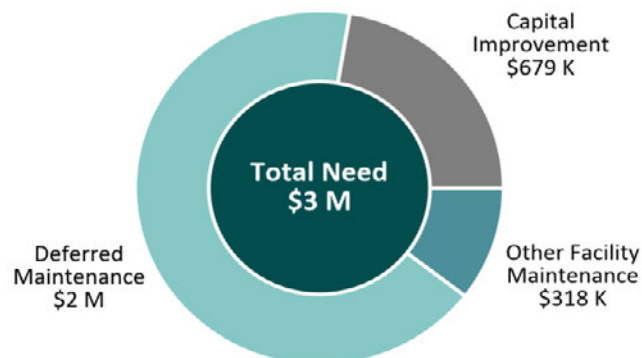
26 All Other  
Assets<sup>†</sup>

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

<sup>†</sup>All Other assets include maintained landscapes, boundaries, utility systems, maintained archeological sites, and interpretive media.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** 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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$8.6 Million  
in Economic Output<sup>2</sup>



## 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.

<sup>†</sup>All Other assets include trail bridges, boundaries, utility systems, constructed waterways, and maintained archeological sites.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup>** 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)

<sup>‡</sup>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.<sup>5</sup>

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



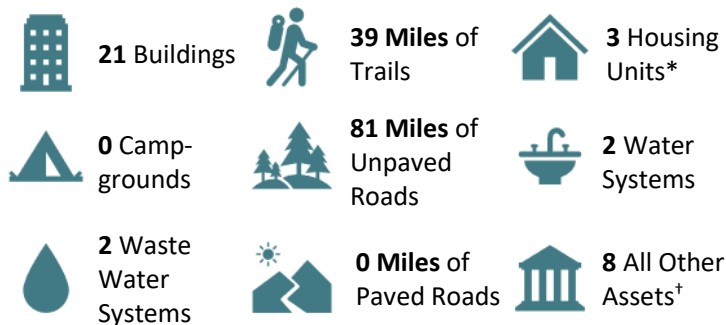
N/A

in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

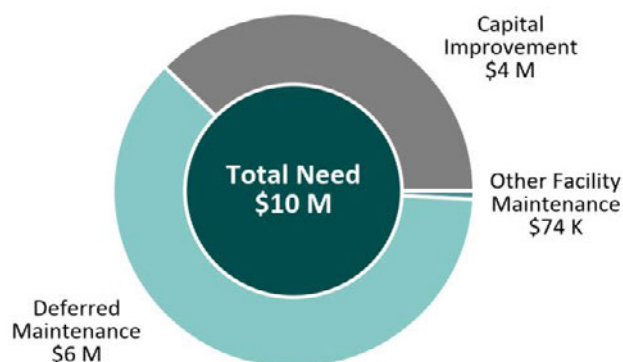


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

<sup>†</sup>All Other assets include maintained landscapes, boundaries, utility systems, and interpretive media.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** 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 <sup>5</sup>
Replace Cabin District Water System	\$3,628,000
Rehabilitate Historic Foreman's Cabin	\$268,000
Rehabilitate the Historic Cowboy Cabin	\$103,000

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$8.3 Million  
in Economic Output<sup>2</sup>



## 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 Camp-  
grounds



0 Miles of  
Unpaved  
Roads



2 Water  
Systems



1 Waste  
Water  
System



< 1 Mile of  
Paved Roads



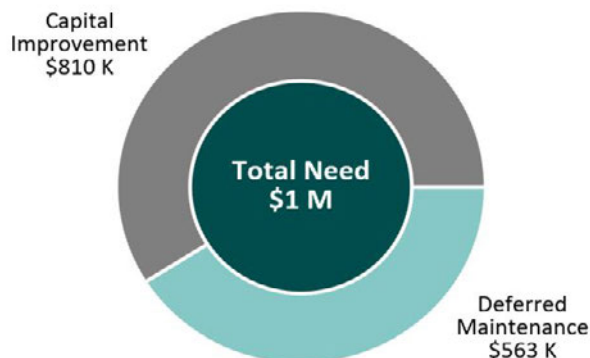
10 All Other  
Assets<sup>†</sup>

\*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 Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Waste Water Systems and Paved Roads & Structures<sup>‡</sup>** 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)

<sup>‡</sup>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.<sup>5</sup>

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$10 Million  
in Economic Output<sup>2</sup>



## 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 Camp-  
grounds



2 Miles of  
Unpaved  
Roads



1 Water  
System



1 Waste  
Water  
System



3 Miles of  
Paved Roads



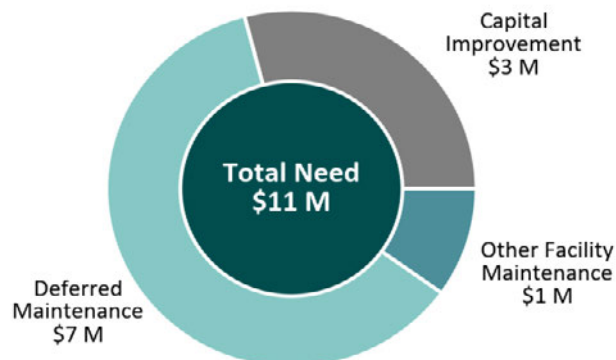
68 All Other  
Assets<sup>†</sup>

\*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 Needs<sup>3</sup>

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



There is also a **\$207 K annual Routine Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Buildings and Paved Roads & Structures<sup>‡</sup>** 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)

<sup>‡</sup>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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$609 Thousand  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

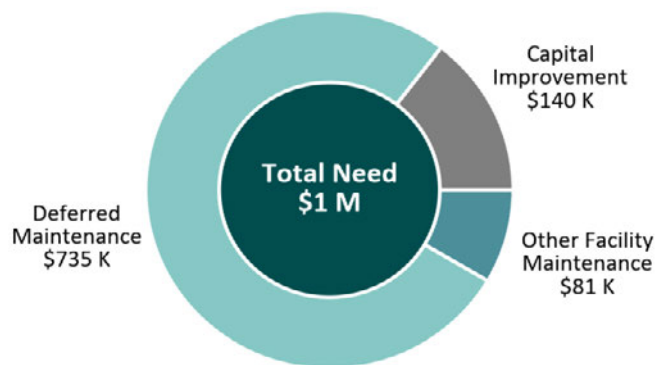


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

<sup>†</sup>All Other assets include maintained landscapes, boundaries, and interpretive media.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup>** 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)

<sup>‡</sup>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.<sup>5</sup>

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



N/A

in Economic Output<sup>2</sup>



### 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 Camp-  
grounds



0 Miles of  
Unpaved  
Roads



0 Water  
Systems



0 Waste  
Water  
Systems



0 Miles of  
Paved Roads



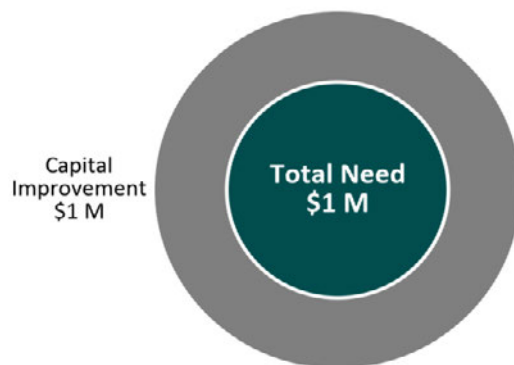
0 All Other  
Assets<sup>†</sup>

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

<sup>†</sup>There are no other asset categories at Western Archeology and Conservation Center.

### Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** 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.<sup>5</sup>

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$38 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

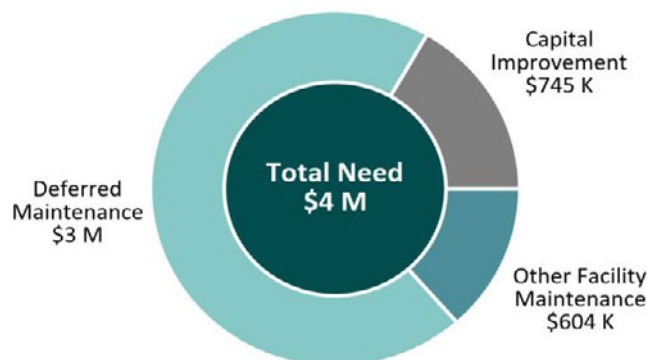


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

<sup>†</sup>All Other assets include maintained landscapes, boundaries, utility systems, maintained archeological sites, fortifications, and interpretive media.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** 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.<sup>5</sup>

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>

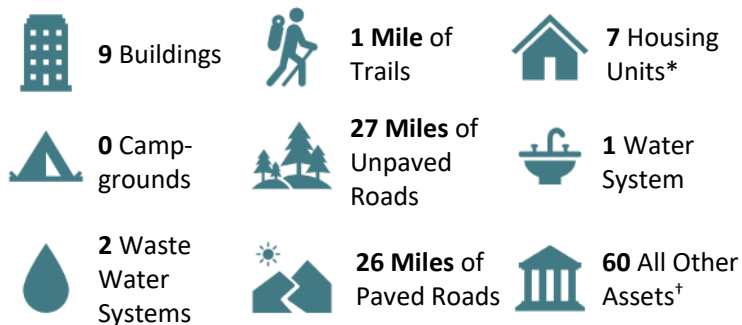


\$14 Million  
in Economic Output<sup>2</sup>



## Infrastructure Inventory

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

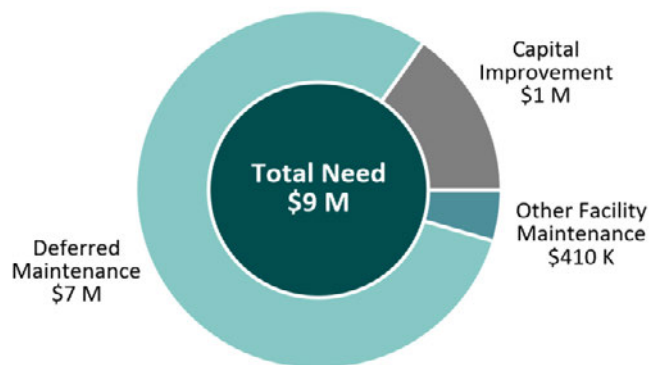


\*Housing is defined as residential structures and trailer pads that are associated with the NPS Employee Housing Program whereby rent is collected.

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

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup>** 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 maintained archeological sites (\$2 M) and housing (\$660 K)

<sup>‡</sup>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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$642 Million  
in Economic Output<sup>2</sup>



## 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



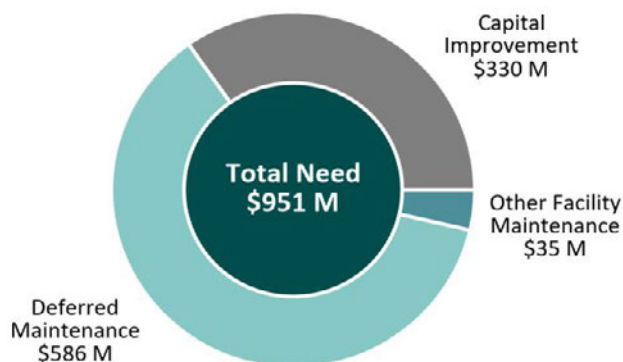
**321** All  
Other  
Assets†

\*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 amphitheaters.

## Estimated Maintenance Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** requirement in addition to the costs shown above.

**Paved Roads & Structures<sup>‡</sup>** 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 <sup>5</sup>
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

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



N/A

in Economic Output<sup>2</sup>



## 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 Camp-  
grounds



0 Miles of  
Unpaved  
Roads



0 Water  
Systems



0 Waste  
Water  
Systems



0 Miles of  
Paved Roads



3 All Other  
Assets<sup>†</sup>

\*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 Needs<sup>3</sup>

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 Maintenance<sup>4</sup>** 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.<sup>5</sup>

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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 Visitors<sup>1</sup>



\$344 Million  
in Economic Output<sup>2</sup>



## 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



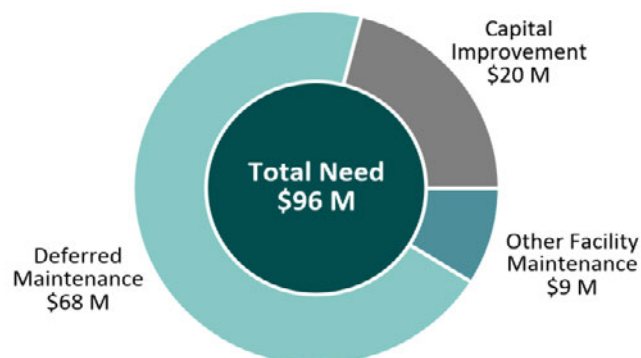
**63** All Other  
Assets<sup>†</sup>

\*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 Needs<sup>3</sup>

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



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

**Paved Roads & Structures<sup>‡</sup> 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 <sup>5</sup>
Replace aged fleet and upgrade infrastructure	\$27,000,000
Replace Roofing System on Administration/ Museum Building	\$1,264,000
Repoint and Seal Historic Stone Structures	\$322,000
Rehabilitate Watchman Trail	\$243,000

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

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

<sup>3</sup> 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.

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

<sup>5</sup> 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.