

# Cycle 6 NPS / RIP Route ID Report

(Numerical By Summary Route and Subcomponent #)



Shading Color Key

White = Paved Routes, DCV Driven

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## SAAN San Antonio Missions National Historical Park

### ROAD INVENTORY (1100 SERIES FMSS LOCATIONS)

| Route No. | Cycle Collected | Iteration Collected | FMSS Number | Concession | Route Name                         | Route Description                                 |                        | Maintenance District | FLTP | Paved Miles | Unpaved Miles | Total Mileage | Functional Class | Area (SQ FT) | Surf. Type | Area Map |
|-----------|-----------------|---------------------|-------------|------------|------------------------------------|---|------------------------|----------------------|------|-------------|---------------|---------------|------------------|--------------|------------|----------|
|           |                 |                     |             |            |                                    | From  | To                     |                      |      |             |               |               |                  |              |            |          |
| 0401      | NC              |                     | 95041       |            | RANCHO DE LAS CABRAS ENTRANCE ROAD | FROM COUNTY ROAD 144                              | TO END                 |                      | NO   | 0.00        | 0.99          | 0.99          | 5                |              | GR         |          |
| 0402      | NC              |                     | 107182      |            | ESPADA ACEQUIA MAINTENANCE ROAD    | FROM MISSION PARK CEMETERY                        | TO ASHLEY ROAD         |                      | NO   | 0.00        | 1.16          | 1.16          | 6                |              | NV         |          |
| 0403      | NC              |                     | 107185      |            | POOLEY ROAD                        | FROM VILLAMAIN ROAD                               | TO SOUTH PRESA STREET  |                      | NO   | 0.00        | 0.25          | 0.25          | 6                |              | GR         |          |
| 0404      | NC              |                     | 107186      |            | DEMO FARM ROAD                     | FROM VILLAMAIN ROAD                               | TO SAN ANTONIO RIVER   |                      | NO   | 0.00        | 0.23          | 0.23          | 6                |              | GR         |          |
| 0405      | NC              |                     | 107187      |            | HUNT ROAD                          | FROM VILLAMAIN ROAD                               | TO SAN ANTONIO RIVER   |                      | NO   | 0.00        | 0.39          | 0.39          | 6                |              | NV         |          |
| 0406      | 6               | 1                   | 107283      |            | FINLEY ROAD                        | FROM ROUTE 5000 (MISSION TRAIL) / VILLAMAIN ROAD  | TO DEAD END            |                      | NO   | 0.23        | 0.00          | 0.23          | 6                |              | AS         | 2        |
| 0407      | NC              |                     | 107822      |            | ESPADA ACEQUIA ACCESS ROAD N       | FROM ESPADA ROAD                                  | TO DEAD END            |                      | NO   | 0.00        | 0.36          | 0.36          | 6                |              | NV         |          |
| 0408      | NC              |                     | 107825      |            | ESPADA ACEQUIA ACCESS ALLEY SOUTH  | FROM ESPADA ROAD                                  | TO DEAD END AT ES 1.95 |                      | NO   | 0.00        | 0.00          | 0.00          | 6                |              | NV         |          |
| 0409      | 6               | 1                   | 107255      |            | PUMP HOUSE ROAD                    | FROM SOUTH PRESA STREET                           | TO GATE                |                      | NO   | 0.15        | 0.00          | 0.15          | 6                |              | AS         | 1        |
| 0411      | NC              |                     | 107188      |            | HIKE/BIKE ACCESS ROUTE             | FROM ROUTE 0402 (ESPADA ACEQUIA MAINTENANCE ROAD) | TO HIKE / BIKE TRAIL   |                      | NO   | 0.00        | 0.10          | 0.10          | 6                |              | NV         |          |
| 0414      | NC              |                     | 107262      |            | SJAC DAM ACCESS ROAD               | FROM ROUTE 0409 (PUMP HOUSE ROAD)                 | TO PARK BOUNDARY       |                      | NO   | 0.00        | 0.26          | 0.26          | 6                |              | NV         |          |
| 0415      | NC              |                     | 107612      |            | DAURA ROAD                         | FROM VILLAMAIN ROAD                               | TO DEAD END            |                      | NO   | 0.00        | 0.10          | 0.10          | 6                |              | GR         |          |

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### NON-NPS ROADS INVENTORY

| Route No. | Cycle Collected | Iteration Collected | FMSS Number | Concession | Route Description    |   | Maintenance District | FLTP | Paved Miles | Unpaved Miles | Total Mileage | Functional Class | Area (SQ FT) | Surf. Type | Area Map |
|-----------|-----------------|---------------------|-------------|------------|----------------------|---|----------------------|------|-------------|---------------|---------------|------------------|--------------|------------|----------|
|           |                 |                     |             |            | From                 | To  |                      |      |             |               |               |                  |              |            |          |
| 5000      | 6               | 1                   |             |            | MISSION TRAIL        | FROM THE ALAMO TO END OF LOOP                                 |                      | NO   | 11.87       | 0.00          | 11.87         |                  |              | AS         | 1,2,KEY  |
| 5001      | 6               | 1                   |             |            | MISSION TRAIL DETOUR | FROM ROUTE 5000 (MISSION TRAIL) TO ROUTE 5000 (MISSION TRAIL) |                      | NO   | 1.59        | 0.00          | 1.59          |                  |              | AS         | 1,2      |

### PARKING AREA INVENTORY (1300 SERIES FMSS LOCATIONS)

| Route No. | Cycle Collected | Iteration Collected | FMSS Number | Concession | Route Description                 |  | Maintenance District | FLTP | Access Level | Area (SQ FT) | Surf. Type | Area Map |
|-----------|-----------------|---------------------|-------------|------------|-----------------------------------|--|----------------------|------|--------------|--------------|------------|----------|
|           |                 |                     |             |            | From                              | To   |                      |      |              |              |            |          |
| 0900      | 6               | 1                   | 75115       |            | MISSION CONCEPCION PARKING        | FROM FELISA STREET TO PARKING  |                      | YES  | PUBLIC       | 23,603       | AS         | 1        |
| 0901      | 6               | 1                   | 75522       |            | VISITOR CENTER PARKING            | FROM SAN JOSE DRIVE TO SAN JOSE DRIVE  |                      | YES  | PUBLIC       | 52,231       | AS         | 1        |
| 0902      | 6               | 1                   | 92450       |            | BUS LANE PARKING                  | FROM ROUTE 5000 (MISSION TRAIL) / NEW NAPIER ROAD TO SAN JOSE DRIVE                        |                      | YES  | PUBLIC       | 22,311       | AS         | 1        |
| 0903      | 6               | 1                   | 75965       |            | SERVICE PARKING                   | FROM SAN JOSE DRIVE TO PARKING   |                      | NO   | NONPUBLIC    | 16,997       | AS         | 1        |
| 0905      | 6               | 1                   | 103848      |            | RIVER REST COMFORT STATION        | FROM ROUTE 5000 (MISSION TRAIL) / CAMINO COAHUILTECA ROAD TO PARKING                       |                      | YES  | PUBLIC       | 4,056        | AS         | 2        |
| 0906      | 6               | 1                   | 76069       |            | MISSION ESPADA PARKING            | FROM ROUTE 5000 (MISSION TRAIL) / ESPADA ROAD TO ROUTE 0907 (MISSION ESPADA STAFF PARKING) |                      | YES  | PUBLIC       | 16,209       | AS         | 2        |
| 0907      | NC              |                     | 103856      |            | MISSION ESPADA STAFF PARKING      | FROM ROUTE 0906 (MISSION ESPADA PARKING) TO PARKING  |                      | NO   | PUBLIC       | 4,500        | GR         |          |
| 0908      | 6               | 1                   | 76439       |            | ESPADA AQUEDUCT PARKING           | FROM ROUTE 5000 (MISSION TRAIL) / ASHLEY ROAD AND ESPADA ROAD TO PARKING                   |                      | YES  | PUBLIC       | 19,814       | AS         | 2        |
| 0909      | NC              |                     | 103870      | ■          | CHURCH PARKING                    | FROM ROUTE 0913 (SAN JUAN PARKING) TO PARKING  |                      | NO   | PUBLIC       | 9,200        | GR         |          |
| 0911      | NC              |                     | 95043       |            | RANCHO DE LAS CABRAS PARKING AREA | FROM ROUTE 0401 (RANCHO DE LAS CABRAS ENTRANCE ROAD) TO PARKING                            |                      | NO   | PUBLIC       | 7,200        | GR         |          |

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| Route No. | Cycle Collected | Iteration Collected | FMSS Number | Concession | Route Name            | Route Description                             |   | Maintenance District | FLTP | Access Level | Area (SQ FT) | Surf. Type | Area Map |
|-----------|-----------------|---------------------|-------------|------------|-----------------------|---|---|----------------------|------|--------------|--------------|------------|----------|
|           |                 |                     |             |            |                       | From  | To  |                      |      |              |              |            |          |
| 0912      | 6               | 1                   | 248464      |            | SAN JUAN BARN PARKING | FROM ROUTE 5000 (MISSION TRAIL) / PADRE DRIVE | TO PARKING                                  |                      | YES  | PUBLIC       | 8,620        | AS         | 2        |
| 0913      | 6               | 1                   | 76068       |            | SAN JUAN PARKING      | FROM ROUTE 5000 (MISSION TRAIL) / PADRE DRIVE | TO ROUTE 5000 (MISSION TRAIL) / PADRE DRIVE |                      | YES  | PUBLIC       | 36,636       | AS         | 2        |
| 0914      | NC              |                     | 236698      |            | OVERFLOW PARKING AREA | FROM ROUTE 0900 (MISSION CONCEPCION PARKING)  | TO PARKING                                  |                      | NO   | PUBLIC       | 5,000        | NV         |          |

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## Cycle 6 Summary Totals for San Antonio Missions National Historical Park

### Cycle 6 Route Totals

|  | NPS<br>Maintained | Concessionaire<br>Maintained | Park<br>Totals |
|--|-------------------|------------------------------|----------------|
| Paved Roads, Data Collection Vehicle Rated (Miles) | 0.15              | 0                            | 0.15           |
| Paved Roads, Manually Rated Length (Miles)         | 0.23              | 0                            | 0.23           |
| Paved Roads, Manually Rated Area (Sq. Ft.)         | 0                 | 0                            | 0              |
| Unpaved Roads (Miles)                              | 3.84              | 0                            | 3.84           |
| Paved Parking (Sq. Ft.)                            | 200,477           | 0                            | 200,477        |
| Unpaved Parking (Sq. Ft.)                          | 16,700            | 9,200                        | 25,900         |

### Cycle 6 Lane Miles and Overall Pavement Condition

|                                | Lanes<br>Miles* | Pavement<br>Condition Rating** |
|--------------------------------|-----------------|--------------------------------|
| Data Collection Vehicle Routes | 0.30            | 73                             |
| Manually Rated Roads           | 0.25            | 0                              |
| Parking Areas                  | 3.45            | 90                             |

\* Equivalent Lane Miles are calculated by route using the following equations:

- DCV and MRLs =  $(PAVE\_WIDTH \times PAVED\_MI) / 11$  foot lane  
 - MRPs and PKGs =  $SQ\_FEET / 5280 / 11$  foot lane

\*\*Parking and Manually Rated Routes are assigned the following PCR values based on the type of observed distresses:

-Excellent = 97      -Good = 90      -Fair = 73  
 -Poor = 53, 30, or 0      -Construction / Not Rated = -1

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## General Park Road Functional Classification (FC) Table

| FC  | Type   | User Access | Description  | Route Numbers              | Surface Types  |
|-----|--|-------------|--|----------------------------|--|
| 1   | Principal Park Road<br>Rural Parkway               | Public      | Roads which constitute the main access route, circulatory tour, or thoroughfare for park visitors. Rural Parkways (e.g. Natchez Trace) are numbered 0001 - 0009.   | 0001 - 0009<br>0010 - 0099 | AS - Asphaltic Concrete Pavement                               |
| 2   | Connector<br>Park Road                             | Public      | Roads which provide access within a park to areas of scenic, scientific, recreational or cultural interest, such as overlooks, campgrounds, etc.   | 0100 - 0199                | BR - Brick or Pavers Road Bed<br>CB - Cobble Stone Road Bed    |
| 3   | Special Purpose<br>Park Road                       | Public      | Roads which provide circulation within public areas, such as campgrounds, picnic areas, visitor center complexes, concessionaire facilities, etc. These roads generally serve low-speed traffic and are often designed for one-way circulation.  | 0200 - 0299                | CO - Portland Cement Concrete Pavement<br>GR - Gravel Road Bed |
| 4   | Primitive<br>Park Road                             | Public      | Roads which provide circulation through remote areas and/or access to primitive campgrounds and undeveloped areas. These roads frequently have no minimum design standards and their use may be limited to specially equipped vehicles. Note: Functional Classes 3 and 4 have the same route numbers because, historically, they were numbered similarly.  | 0200 - 0299                | NV - Native or Dirt Material Road Bed                          |
| 5   | Administrative<br>Park Road                        | Public      | All public roads intended for access to administrative developments or structures such as park offices, employee quarters, or utility areas.   | 0400 - 0499                | OT - Other Materials Road Bed                                  |
| 6   | Administrative<br>Park Road<br>(Restricted Access) | Nonpublic   | All roads normally closed to the public, including patrol roads, truck trails, and other similar roads. Note: Functional Classes 5 and 6 have the same route numbers because historically they were numbered similarly and often there is little distinction between these routes. For example, because utility areas and employee housing are often closed to the public, this restriction would result in classification of FC 6 rather than FC 5. | 0400 - 0499                |  |
| 7   | Urban<br>Parkway                                   | Public      | These facilities serve high volumes of park and non-park related traffic and are restricted, limited-access facilities in an urban area. This category of roads primarily encompasses the major parkways which serve as gateways to our nation's capital. Other major park roads or portions thereof, however, may be included in this category.   | 0001 - 0009                |  |
| 8   | City Street  | Public      | City streets are usually extensions of the adjoining street system that are owned and maintained by the National Park Service. The construction and/or reconstruction should conform with accepted local engineering practice and local conditions.  | 0600 - 0699                |  |
| N/A | Non-NPS<br>Roads                                   | Public      | State, County, or City owned roads which border, traverse, or provide access to Park Facilities or Locations. Non-NPS roads are not assigned functional classes and are driven for GPS and Video Log only.   | 5000 - 5999                |  |

A park road system contains those roads within or giving access to a park or other unit of the NPS which are administered by the NPS, or by the Service in cooperation with other agencies. The assignment of a functional classification (FC) to a park road is not based on traffic volumes or design speed, but on the intended use or function of that road or route.

The historic route numbering system also included a 300 series for interpretive roads, and a 500 series for one-way roads. There are approximately 250 roads nationwide which are designated by the 300 and 500 series. The numbers for these roads will be maintained for reporting consistency. However, since these interpretive and one-way routes are not as clearly tied to a specific functional class, the 300 and 500 series will be discontinued for future use.