



CITY OF SANTA BARBARA
PARKS AND RECREATION COMMISSION REPORT

AGENDA DATE: June 26, 2024

TO: Parks and Recreation Commission

FROM: Administration Division, Parks and Recreation Department

SUBJECT: Asset Inventory Project

RECOMMENDATION:

That the Commission receive a report on the Asset Inventory Project to catalog and map all Parks and Recreation Department park and facility assets.

BACKGROUND:

The Parks and Recreation Department (Department) manages over 60 parks and facilities. Each park and facility house several amenities, or assets, maintained by the Department. These assets include a wide array of items such as signs, light fixtures, benches, and play equipment. Historically, the Department has not had a comprehensive or map-based system to track asset locations, types, or condition. Over the past year, the Department embarked on a project to develop a Geographic Information System (GIS) database to track the Department's outdoor assets.

Many other City departments and municipal park and recreation agencies have developed GIS databases of their assets. Systems like this provide a centralized location to store, organize and access data. They also provide the ability to:

- Analyze spatial data.
- Track locations, conditions, and other attributes such as color, material, and brand which will facilitate more efficient inventory management.
- Schedule preventive maintenance, prioritize repairs, and identify areas and specific items for replacement.
- Share asset information with other departments which will improve the ability to collaborate and manage challenges that may impact multiple City departments, such as management of public area lighting, restrooms, and waste receptacles.
- Develop comprehensive maintenance and replacement programs by asset type, location, or another attribute.

Overall, developing a GIS-based database enhances transparency, efficiency, and accountability in management that ultimately leads to better service delivery for Santa Barbara residents and visitors.

DISCUSSION:

To develop the database, staff categorized all outdoor assets and established common attributes to include for each type of asset. The City's Information Technology (IT) staff developed layers within the City's Geographic Information System (GIS) where specific assets could be entered. The Department hired two GIS interns to photograph and catalog each asset through thorough visits to each park over the course of approximately nine months. Using ArcGIS Pro, spatial data layers were inputted onto a web map which was then populated with data in ArcGIS Field Maps.

The next steps in the process will occur later this summer and into the fall of 2024 when IT staff will import the Department's data into OpenGov's Asset Management GIS Database system. Once the data import is complete, staff will make updates to data that changed during the time between data collection and the import and will begin to use the data as part of the Department's management of assets.

RESULTS:

Assets were imported into GIS as points, lines, and polygons (or areas) depending on their specific size and shape. Overall, staff surveyed a total of 9,117 assets. These assets include:

- Signs (3,009)
- Waste receptacles (1,050)
- Buildings & Structures [e.g. playground equipment, garden plots, restrooms, etc.] (995)
- Benches & tables (925)
- Electrical facilities [e.g. breaker boxes, lamps, outdoor GFI outlets] (809)
- Bike racks (136)
- Water facilities [e.g. drinking fountains, outdoor showers, and sinks] (126)
- BBQ facilities (63)
- Exercise equipment (42)
- Trails (431 trail segments of walkable pavement and hiking trails, or 78 miles)
- Fences (10 miles)
- Stairs & handrails (225, 2 miles)
- Walls (5 miles)
- Special areas
 - 504 planter beds

- 84 non-sports turf areas
- 28 volleyball courts
- 28 parking lots
- 197 others [e.g. tennis courts, pickleball courts, baseball fields, etc.]

The attributes for each asset include:

- Type
- Location
- Condition
- Color
- Material
- Life span rating
- Last date of refurbishment
- Installation date
- Size
- Manufacturer
- Other comments

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