

**City of Laguna Niguel
Five Year CIP 2020-2024**

Location	Project Name	Project Description
Chapparosa Park	Chapparosa Park Playground Replacement and Improvements	This project includes the replacement of the playground equipment and the installation of a rubberized surface, monument sign, benches, trash receptacles, picnic shelters to add shade at Chapparosa Park.
Neighborhood Parks	Automatic Door Locks At Park Restrooms	Purchase and install automatic door locks at the five following park restrooms: Chapparosa Park, Juaneno Park, La Paz Sports Park, Niguel Heights Park and Moulton Elementary.
Neighborhood Parks	Bear Brand Park Additional Seating and Shade	Purchase and place new shade structure and seating at Bear Brand soccer field area.
Neighborhood Parks	La Paz Sports Park Netting Fence	Add posts and 20' high netting along south side of field.
Neighborhood Parks	La Plata Park Playground Replacement	This project includes the replacement of the playground equipment and the installation of a rubberized surface, shade structure, park monument sign, benches, trash receptacles.
Neighborhood Parks	Marina Hills Park Playground Replacement	This project includes the replacement of the playground equipment and the installation of a rubberized surface, park monument sign, benches, trash receptacles, new concrete pathway and shade structure at Marina Hills Park Playground. This item does NOT include new sidewalk from Marina Hills Drive, along west side of soccer field, adjacent to tennis courts to playground area.
Neighborhood Parks	Outdoor Fitness Area	This project will provide outdoor fitness equipment, cognitive challenges, and social activities.
Neighborhood Parks	Pooch Park Renovations	Engage a design consultant to provide concept designs for changes and upgrades at the Pooch Park.
Neighborhood Parks	Recycled Water Irrigation POC Upgrades	This project will upgrade various City owned domestic water irrigation points of connection to reduce the City's consumption of water and decrease costs.
Neighborhood Parks	Skate and Soccer Park Synthetic Field and Fence Replacement	Remove and replace perimeter fence at the Skate and Soccer Park
Neighborhood Parks	Various Domestic Water Irrigation POC Upgrades	This project will upgrade various City owned domestic water irrigation points of connection to reduce the City's consumption of water and decrease costs.

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Neighborhood Parks	Yosemite Park - Bridge, ADA improvements and Landscape Upgrades at Bridge	This project includes the replacement of an aging pedestrian bridge. Install irrigation and landscape plant material around the bridge area and repair and replace deteriorated concrete sidewalk to comply with ADA improvements.
Neighborhood Parks	La Plata Park Drainage Improvements	Remove approximately 80 lineal feet of trapezoid ditch with new underground pipe. Also included is the removal and replacement of 80 lineal feet of compromised V-Ditch located on a slope at the southern section of the park.
Neighborhood Parks	Re-Roofing and Wood Beams Replacement	Install new composite roof and replace dry rotted 4"X 4" and 6"X 6" wood beams.
Crown Valley Community Park	Crown Valley Park Fence and Netting Replacement	There are three parts to this project: a. Add posts and 20' high netting along north side of field at creekside chain-link fence area. b. Purchase and place approximately 325 linear feet of 5' tall prefabricated steel fence on the existing concrete formed soccer field edge on the creekside of the soccer field. c. Purchase and place approximately 200 linear feet of 5' tall prefabricated fence at Crown Valley lower soccer field along the Crown Valley Parkway side.
Crown Valley Community Park	Crown Valley Park - New Community Building "Tier 3"	This project will replace the existing 30-year old Community Building with a new, approximately 30,000 square foot building. The center will have additional public meeting rooms and public spaces and will be fully ADA accessible. Temporary housing for Parks staff will be required during construction, and some programs may need to be discontinued or relocated. Restoration of park amenities including turf, slurry seal, trails for grand reopening of the park.
Crown Valley Community Park	Crown Valley Park Soccer Field Synthetic Turf Replacement	Synthetic Soccer Field replacement.
Sea Country Senior & Community Center	Restroom Renovations at Sea Country Senior and Community Center	Renovate the restrooms to include new tiles (ceiling and floor), paint, install new lighting, new plumbing fixtures, and partitions.

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Sea Country Senior & Community Center	Slurry Seal/ Striping of Sea Country and Community Center Parking Lot	Slurry seal Sea Country Senior and Community Center parking lot and restripe all parking stalls including ADA stalls.
Trail Improvements	Salt Creek Trail Interpretive Monument Signs	Add two (2) new interpretive monument signs and other directional signs on Salt Creek Trail from Niguel Road to Camino Del Avion.
Streets & Roads	Accessible Pedestrian Signal Push Buttons	Installation of Accessible Pedestrian Signal (APS) push buttons equipment at various locations.
Streets & Roads	Alicia Parkway - Highlands Ave to Pacific Park Drive Resurfacing	Roadway resurfacing project including: pavement grinding and removal, asphalt pavement overlay, associated concrete improvements for curb and gutter, sidewalks and access ramps, adjustment of surface utilities to final pavement grade, and roadway marking, striping, and signing.
Streets & Roads	Alicia Parkway Traffic Signal Synchronization	Signal synchronization on Alicia Parkway from Crown Valley Parkway to Rustic Oak (Laguna Niguel to Mission Viejo). Participating agencies for this project include Laguna Niguel, Aliso Viejo, Laguna Hills, and Mission Viejo. Improvements along the corridor within Laguna Niguel will include new fiber optic interconnect cable, hardware upgrades, signal timing adjustments and software licenses.
Streets & Roads	Bus Shelters, Trolley, and Amenities Replacement	Remove all 38 existing bus shelters in the City. Consult 29 new shelters and amenities along the current OCTA bus routes.
Streets & Roads	Community Development Block Grant Eligible Sidewalk Repair Program	Removal and replacement of concrete sidewalk, curb and gutter, ramps, ADA compliant access ramps at intersections and arterials within Community Development Block Grant eligible neighborhoods.
Streets & Roads	Citywide Sign Reflectivity Replacement Program	Regular program to replace city street signs.
Streets & Roads	Clubhouse Drive Median Recycled Water Retrofit	Design and build a new recycle water point of connection per the Moulton Niguel Water District Rules and Regulations. Construct and install a new recycle water meter, equipments, excavate in the street on both sides to install irrigation sleeves for the median irrigation system. Purchase and install a new irrigation clock.

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Streets & Roads	Crown Valley Westbound Widening I-5 to Oso Creek	Addition of a fourth westbound lane on Crown Valley Parkway from the I-5 Southbound off-ramp to the Oso Creek Bridge, completing the planned improvements on the north side. The project requires the widening of the Oso Creek Bridge and Overhead Bridge spanning the railroad. The project also includes the completion of associated improvements on Forbes Road to provide sufficient width on Forbes Road to accommodate a second left turn lane from eastbound Crown Valley to northbound Forbes and from the westbound Crown Valley to southbound Forbes.
Streets & Roads	Crown Valley Widening, I-5 to Greenfield and Cabot Road to Greenfield	To perform a feasibility study for the widening of Crown Valley Parkway from Cabot Road to Greenfield Drive. Widening project could cost between \$25-\$30 M.
Streets & Roads	Emergency Battery Back-up System Installation	Each traffic signal within the City contains an auxiliary emergency back-up system. This back-up system ensures power to the signal in the event of a power outage for a 3 to 4 hour period.
Streets & Roads	Entry Monuments and Decorative Elements	Installation of 13 new decorative element monuments with street names along Crown Valley Parkway medians near the following intersections: Camino del Avion, Club House Drive, Hillhurst Drive, Alicia Parkway, Niguel Road, La Paz Road, Moulton Parkway and Greenfield Drive. The project also includes the removal of all 8 entry monuments and installation of 9 new entry monuments.
Streets & Roads	Golden Lantern Widening - Phase III- Saint Christopher South to Serenity Lane	Final phase of widening for Golden Lantern within Laguna Niguel to take the roadway from four (4) lanes to six (6) lanes. This portion of the widening consists of reducing the width of the existing median with the incorporation of urban runoff control, and bio retention capabilities within the median.
Streets & Roads	Landscape Medians - Aliso Creek, La Paz and Cabot	Installation of raised medians at the following locations: Aliso Creek Road, La Paz Road, and Cabot Road. The new medians will include the construction of new hardscaped and landscaped areas to match the existing painted striping, with no further change in traffic circulation.
Streets & Roads	LED Signal Indicator Replacement	Replacement of red, amber, and green LED traffic signal head indicators throughout the City.

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Streets & Roads	Moulton Parkway/ Golden Lantern Traffic Signal Synchronization	Signal synchronization on Moulton Parkway/ Golden Lantern from Camino del Avion to Lake Forest Drive (Laguna Niguel to Laguna Woods). Participating agencies are Laguna Niguel, Laguna Hills, Aliso Viejo and Laguna Woods. Improvements will include new interconnect conduit, signal timing adjustments and software licenses.
Streets & Roads	Niguel Road – Highlands Ave. to Alta Terra Resurfacing	Roadway resurfacing project including: pavement grinding and removal, asphalt pavement overlay, associated concrete improvements for curb and gutter, sidewalks and access ramps, adjustment of surface utilities to final pavement grade, and roadway marking, striping and signing.
Streets & Roads	Niguel Road – Marina Hills Ave. to Highlands Ave. Resurfacing	Roadway resurfacing project including: pavement grinding and removal, asphalt pavement overlay, associated concrete improvements for curb and gutter, sidewalks and access ramps, adjustment of surface utilities to final pavement grade, and roadway marking, striping and signing.
Streets & Roads	Paseo De Colinas Pedestrian and Bicyclist Safety Improvements	This project provides improvements to the sidewalk and bicycle lane to reduce vehicular speeds and provide buffers for pedestrians and bicyclists on Paseo De Colinas between Del Cerro and Loma Linda. The project includes re-striping of this portion of the roadway to provide buffer striping for the bicycle lane.
Streets & Roads	Aliso Creek Road and La Paz Pavement Rehabilitation	Roadway resurfacing project including: pavement grinding and removal, asphalt pavement overlay, associated concrete improvements for curb and gutter, sidewalks and access ramps, adjustment of surface utilities to final pavement grade, and roadway marking, striping and signing.
Streets & Roads	Aliso Creek Road Traffic Signal Synchronization	Signal synchronization on Aliso Creek Road from Moulton Parkway to El Toro Road. Participating agencies are Laguna Niguel and Aliso Viejo. Improvements will include new fiber optic interconnect, signal timing adjustments, and traffic management software licenses.
Streets & Roads	Camino Capistrano Traffic Calming Improvements	This project improves Camino Capistrano by modifying roadway striping, relocating public street parking to the west side and introducing mid block crossings to access businesses to the east.
Streets & Roads	City Landscape Wall Program	Program to patch, repair and repaint city-owned retaining and landscape walls in the public right-of-way.
Streets & Roads	Citywide Concrete Improvement/ Replacements	This program is a citywide annual project to remove and replace aging concrete infrastructure within the public right-of-way.

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Streets & Roads	El Lazo Resurfacing	Roadway resurfacing project including: pavement grinding and removal, asphalt pavement overlay, associated concrete improvements for curb and gutter, sidewalks and access ramps, adjustment of surface utilities to final pavement grade, and roadway marking, striping and signing.
Streets & Roads	FY 2022-23 Annual Street Resurfacing	Roadway resurfacing project including: pavement grinding and removal, asphalt pavement overlay, associated concrete improvements for curb and gutter, sidewalks and access ramps, adjustment of surface utilities to final pavement grade, and roadway marking, striping and signing.
Streets & Roads	FY 2023-24 Annual Street Resurfacing	Roadway resurfacing project including: pavement grinding and removal, asphalt pavement overlay, associated concrete improvements for curb and gutter, sidewalks and access ramps, adjustment of surface utilities to final pavement grade, and roadway marking, striping and signing.
Streets & Roads	Rancho Niguel and Greenfield Rehabilitation	Roadway resurfacing project including: pavement grinding and removal, asphalt pavement overlay, associated concrete improvements for curb and gutter, sidewalks and access ramps, adjustment of surface utilities to final pavement grade, and roadway marking, striping and signing.
Streets & Roads	Residential Annual Resurfacing Program Zones 1-7	Roadway resurfacing project including: pavement grinding and removal, asphalt pavement overlay, associated concrete improvements for curb and gutter, sidewalks and access ramps, adjustment of surface utilities to final pavement grade, and roadway marking, striping and signing.
Storm Drain Improvements	Bluebell Drive Storm Drain Installation	Storm drain needs to be installed on Bluebell Drive.
Storm Drain Improvements	Catch Basin/ Manhole Cover Improvements	The project will remove non-standard square-shaped manhole lids with standard round manhole covers. The work will involve the removal and replacement of portions of concrete sidewalk panels and possibly portions of curb and gutter.
Storm Drain Improvements	Installation of Trash Control Devices on Storm Water Catch Basins	To comply with water quality standards and regulations, installation of trash capture screens or other forms of control systems on storm water drainage system is recommended. This project will include the installation of trash control system of the drainage system to facilitate compliance with the water quality regulations and to prevent trash from entering the City storm drain system.
Storm Drain Improvements	La Plata Storm Drain Repair	Storm drain needs to be replaced.

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Metrolink Rail Station	Metrolink Bollard Lighting Replacement	Replace 18 year old discontinued bollard lighting with new vandal resistant high output LED lighting.
Metrolink Rail Station	Metrolink Station Ground Water Pumps Replacement	Purchase six (6) new Mercury Float ground water pumps, ball valves, check valves, automatic controllers and new plumbing, as needed to remove ground and rain water from the engineered designed wells located at the underpass and platform levels of the station.
Miscellaneous	800 MHz CCCS Next Generation	This project will upgrade the antiquated 800 MHz Countywide Coordinated Communications System (CCCS) with a 700 MHz – P25 compliant system over the next four fiscal years.