



CITY COUNCIL AGENDA REPORT

MEETING DATE: 8/16/2022

DEPARTMENT: Public Works

SUBJECT:

2021-2028 Capital Improvement Program Update

RECOMMENDED ACTION(S):

Receive and file a presentation updating the City Council on the status of projects in the 2021-2028 Capital Improvement Program.

EXECUTIVE SUMMARY:

On May 17, 2022, City Councilmember Tettemer received consensus to receive an update from staff about the City's capital improvement efforts (Attachment 1). Specifically, Councilmember Tettemer requested an overview of the methodology used to select capital projects as well as an update on the status of capital projects to be completed in the near term. Staff is providing this report in response to that request.

The City Council approved the City's 2021-2028 Capital Improvement Plan ("2021-2028 CIP") on June 15, 2021. The City is approximately mid-way through the first two-year cycle of the 2021-2028 CIP, which is comprised of 28 capital projects. These projects were selected pursuant to the City Council's Financial Management and Budgetary Policy, which requires candidate projects for any CIP be assessed through an objective rating system prior to being incorporated into the CIP (Attachment 2). The City is also working on ongoing projects from previous capital improvement plans. Project tracking reflects nine street projects, twelve traffic projects, and seven park projects. This report serves to review and recommend updates to the current 2021-2028 CIP. Staff recommends the City Council receive and file this presentation summarizing the progress made on various projects in the City's 2021-2028 CIP.

BACKGROUND:

On June 15, 2021, the City Council approved the City's seven-year 2021-2028 CIP. The purpose of this review for the current 2021-2028 CIP is to provide the City Council with a summary of completed projects from the first year of the seven-year CIP as well as an overview of approved capital improvement projects

through June 30, 2022. This report also explains how projects are selected for inclusion in any City CIP.

The 2021-2028 CIP includes projects that reflect the City's commitment to providing highly desired facilities while maintaining and improving existing infrastructure and assets. The 2021-2028 CIP includes twenty traffic and street-related projects. These projects are designed to improve safety, traffic flow, median and parkway landscaping, and maintain the roadway network. Other projects include traffic signal synchronization with neighboring cities, street asphalt resurfacing, and sidewalk rehabilitation. Also included are several park repairs and enhancements, including playground resurfacing.

To develop and prioritize projects included in the 2021-2028 CIP, staff reviewed the City's draft version of the City's 2021-22 – 2027-28 Strategic Business Plan ("Strategic Plan") for projects and programs that were previously recommended by the City Council. In general, the Strategic Plan reflects the priorities captured in the biennial resident and business survey, input from joint commission and City Council workshops, opportunity rankings, staff's review and analysis, and other community inputs. This approach is consistent with the City Council's Financial Management and Budgetary Policy and produced the list of projects for consideration in the 2021-2028 CIP.

The list of projects in 2021-2028 CIP were categorized into potential funding sources and were further analyzed based on each project's needs, increased costs if deferred, traffic model analysis, available staffing resources required, year-to-year programming, and other inputs. Next, the projects were analyzed by proposed funding source to optimize the available funding. The most restrictive funds were programmed first, followed by the next most restrictive funds, until all projects left for consideration were funded by the General Fund or another unrestricted funding source. Then, staff made a "draft" recommendation to the City Council during the May 11, 2021, Budget Workshop and received comments. Finally, those comments were incorporated into the "final" recommendation, which the City Council approved in June 2021. This process for selecting which projects are proposed to be included in any CIP is consistent with the City Council's Financial Management and Budgetary Policy (Attachment 2).

DISCUSSION:

On June 15, 2021, the City Council adopted the 2021-28 CIP Budget ("CIP Budget"). The CIP Budget totals approximately \$8,058,200 in FY 2021-22 and \$12,591,325 in FY 2022-23. The CIP Budget contains various capital projects relating to street maintenance, traffic improvements, and parks and recreation projects. The City Council's Financial Management and Budgetary Policy requires projects be assessed through objective criteria established by the City

Manager before incorporation into an adopted CIP. Like virtually all cities, Lake Forest's infrastructure maintenance needs exceed the City's resources in the short term. As a result, infrastructure projects must be prioritized based on objective need. The objective need is established by assessing a project's impact on public safety, enhancement to existing mobility, budget impact, the opportunity to receive matching funds from other government agencies, and other objective considerations.

This report summarizes the status of the City's capital improvement projects as reflected in Tables 1 through 3. For the City Council's reference, staff is providing the status of each project along with its anticipated date of completion. In addition, several projects from previous CIPs are also nearing completion. Those carryover projects are designated with an asterisk (*).

2021-2028 Capital Improvement Projects Plan

Street Maintenance Projects

During the current CIP cycle, the City remains engaged on a variety of projects relating to street maintenance. The City's street maintenance program includes such items as street lighting, street repair, sidewalk repair, sign replacement, and storm drain improvements. As listed below, there are currently ten street-related projects in the CIP, totaling \$8,990,200 worth of investment in the City's infrastructure.

Table 1: Street Maintenance Projects 2021-2028

Project Description	Status	Estimated Completion
Street Resurfacing and Slurry Seal – Slurry Seal Zone F	Complete	July 2022
Street Resurfacing and Slurry Seal – Arterial Slurry Seal Muirlands & Jeronimo	In Design	Spring 2023
Street Resurfacing and Slurry Seal – Slurry Seal Zone A	In Design	Summer 2023
Street Resurfacing and Slurry Seal – El Toro Road Resurfacing – Jeronimo to Trabuco	In Design	Summer 2023
CDBG ADA Ramps, Ph. 13 & 14	In Design	Spring 2023
Arterial Median Improvements	In Design	Summer 2023
Safe Step Improvement Project	Award Pending	Fall 2022

Project Description	Status	Estimated Completion
Irrigation Conservation Program	In Design	Spring 2023
Street Parkway Tree Replacement Program	In Design	Spring 2023
New Street Name Signs	In Design	Fall 2022

Traffic Improvements

Over the past CIPs, the City implemented several projects (El Toro Road Corridor and Los Alisos Boulevard Corridor) under the Local and Regional Traffic Signal Synchronization Programs (“TSSP”). The 2021-2028 CIP also includes three TSSP projects for Lake Forest Drive, Alton Parkway, and Portola Parkway, two “Meadows Development” funded traffic improvements, five Lake Forest Transportation Mitigation (“LFTM”) projects and three Foothill Corridor Phasing Program (“FCPP”) projects.

Aside from the TSSP projects, all traffic improvement projects from the “Meadows Development” projects, LFTM, and FCPP were studied using the Lake Forest Traffic Analysis Model (“LFTAM”) that analyzes current conditions and forecasted conditions based upon the City’s buildout year (which is 2040, per the General Plan). Based upon the traffic patterns and forecasted traffic patterns from the cumulative worst-case scenario of trip generation based upon the approved General Plan land use, each intersection is analyzed to see if there is significant impact in the current condition or future condition. If impacts are identified, then mitigation measures will be required. The City’s methodology to determine a significant impact is based upon the Intersection Capacity Utilization methodology, which determines if the intersection is operating at a level of service that is acceptable. The level of service grading scale is shown below:

If an intersection is below the level of service of “D” for any current or future condition, mitigation is required, and staff would identify the appropriate traffic improvement to return the intersection back to the level of service of “D” or better. In addition, some traffic projects are to address traffic operational improvements at the intersection. For example, the intersection at Bake Parkway and Toledo Way currently operates at a level of service “D” or greater for the current and forecasted future conditions, but we are still proceeding with traffic operational improvements which include dual left turn lanes on Toledo Way and extending the eastbound Bake Parkway left turn pocket. These improvements allow for more efficient signal timing and increases traffic safety at the intersection.

There are currently twelve traffic related projects in the 2021-2028 CIP with a total value of \$8,590,500. There is one carryover LFTM project from the previous years: the El Toro Road & Portola/Santa Margarita Parkway Intersection Improvement project. The status of the City's traffic improvement projects is listed below in Table 2.

Table 2: Traffic Improvement Projects

Project Description	Status	Estimated Completion
Meadows Traffic Improvements – Bake & Baffin Bay	Award Pending	Fall 2022
Meadows Traffic Improvements – Bake & Toledo	In Design	Summer 2023
Lake Forest Drive Traffic Signal Synchronization Program	Construction	Spring 2023
Portola/Santa Margarita Traffic Signal Synchronization Program	Construction	Spring 2023
Alton Traffic Signal Synchronization Program	In Design	Spring 2023
LFTM – Bake & Trabuco/Irvine Intersection Improvements	In Design	Summer 2023
LFTM – 2 nd Eastbound Left-Turn on Bake at Jeronimo	In Design	Spring 2023
LFTM – Southbound Rancho Parkway Widening at Lake Forest Drive	In Design	Summer 2023
LFTM – Southbound Jeronimo Widening at Lake Forest Drive	In Design	Spring 2023
LFTM – Westbound Los Alisos Widening at Rockfield	In Design	Spring 2023
* LFTM – El Toro Road & Portola/Santa Margarita Parkway Intersection Improvements	Construction	Fall 2023
FCPP – Dual Left Turns All Directions at Los Alisos and Muirlands	In Design	Spring 2023
FCPP – Widening/Realignment of Jeronimo at El Toro Road	In Design	Summer 2023
FCPP – El Toro Road Raised Medians – Jeronimo to Trabuco	In Design	Summer 2023

**Project(s) carried over from previous CIPs*

Parks and Recreation

Table 3 below summarizes the capital projects associated with the City's parks. The Arbor Mini Parks, a park project with significant community interest, is scheduled to be completed in Fall 2022. The Arbor Mini Park Improvements

include replacement of the existing landscaping and irrigation with drought tolerant California native planting, new perimeter fencing, and other improvements. The CIP Budget includes other park-related projects to replace playground surfaces and repairs to other facilities. As listed below, there are currently seven park-related projects in the 2021-2028 CIP, totaling \$1,676,000. There are two carryover park projects from the previous CIP: the Neighborhood Park Renovations for Vintage & Sundowner parks and the Neighborhood Park Renovations for Borrego Overlook, Rancho Serrano, Regency parks.

Table 3: Parks and Recreation Projects

Project Description	Status	Estimated Completion
Arbor Mini Park Improvements	Construction	Fall 2022
Playground Resurfacing Project – El Toro & Baker Ranch Parks	Complete	Spring 2022
Heroes Park Electrical Repairs	In Design	Fall 2022
CDBG – El Toro Lodge Pole Replacement	Construction	Summer 2022
Park Gazebo Repairs/Replacement	In Design	Winter 2022
Portola Park Lighting	In Design	Winter 2022
Senior Center Patio Cover	In Design	Spring 2023
* Neighborhood Park Renovations – Vintage & Sundowner	Construction	Early 2023
* Neighborhood Park Renovations – Borrego Overlook, Rancho Serrano & Regency	Construction	Early 2023

**Project(s) carried over from previous CIPs*

As noted above, the City is making progress on a variety of other important capital projects that support the City's road and traffic infrastructure, along with improvements to public parks. The City's projects are currently within budget and on schedule. The purpose of this report is to inform the City Council of the progress made on projects in the 2021-2028 CIP and carryover projects from previous years. Staff recommends the City Council receive and file this report. A detailed summary sheet of active CIP projects is provided as Attachment 3.

FISCAL IMPACT:

There is no fiscal impact associated with the recommended action.

ATTACHMENTS:

1. May 17, 2022, City Council Meeting Excerpt
2. City Council Policy: Financial Management and Budgetary Policy
3. List of Active CIP Projects

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