

Economic Recovery Recommendation Report

June 2020

Los Angeles County
Economic Resiliency
Task Force

Infrastructure Development
and Construction Sector
Subcommittee

Fran Inman, Chair





**County of Los Angeles
Coronavirus (COVID-19)
Economic Resiliency Task Force
Infrastructure Development and Construction Sector
Recommendation Report**

Introduction:

As Los Angeles County represents a huge, diverse geographic footprint with an incredibly diverse population base, we collectively have the opportunity with the Infrastructure, Development, and Construction sector(s) to provide a robust economic stimulus across our County and beyond. In the face of the COVID-19 crisis, the County must strengthen its commitment to sustainability, equity, and resilience in order to create a pathway for investment in a safe, healthy, and inclusive future. Throughout our nation's history, a concerted focus on infrastructure investments during an economic downturn has reaped both short-term and long-term benefits. This combined sector represents an enormous opportunity to leverage both public and private investments to provide immediate positive economic impacts for all with good paying jobs, dynamic career pathways, and the pride of playing a part in the development of tangible assets.

We appreciate the work of our fellow task force sectors and recognize that each and every one of these sectors has cross-over economic recovery needs relating to infrastructure, development, and construction. Our work group represents a broad base and stands ready to continue our engagement as we recognize that our work will not be complete with this initial report. We hope the focus we have provided with our initial recommendations will be viewed as just the beginning of our bold, inclusive vision. We see this as a long-term opportunity to work more effectively together.

We recognize that each area covered in this report is worthy of stand-alone focus. That we combine them here should in no way diminish their importance in terms of our overall economic recovery. Finally, our task force has just begun, and we have attempted to identify and build upon the ongoing work across our region both public and private, across all the key sectors, to identify short term, mid-term, and long-term recommendations. For example, we reached out to SCAG as they have recently updated their regional transportation plan and are in the process of completing their Sustainable Community Strategy. With short notice, they quickly responded and were able to provide some summary statistics/preliminary recommendations, which we have included in Appendix A. Resources of supporting materials reviewed are provided separately.

We also recommend consulting with the Los Angeles County Department of Workforce Development, Aging and Community Services (WDACS), which recently implemented the Los Angeles County Works Initiative. We look to collaborate with WDACS in evaluating and recommending appropriate policy solutions for long-term economic recovery, with the goal of fostering inclusive economic development while prioritizing rapid reemployment of the local workforce.

Investment in critical infrastructure will allow for job creation and would help revive the economy while modernizing the region's infrastructure to be more sustainable and resilient. Infrastructure investment will also prepare the Los Angeles region for the 2028 Olympics.

It's been reported that modernizing telecommunication infrastructure through construction and induced spending will create about 250,000 jobs in Los Angeles alone.

We acknowledge that there is a specific sector force within this Economic Resiliency Task Force that is dedicated to small businesses, but we want to call out our recognition of the ongoing challenges of our small business partners who work in the infrastructure, development, and construction industries. We include in our recommendations below some preliminary suggestions for consideration. We also acknowledge that we cannot lose sight of the fact that our Los Angeles County economy is driven by small businesses. Small businesses have been disproportionately affected by the COVID-19 pandemic. According to the U.S. Small Business Administration, small businesses account for two-thirds of the nation's new jobs and more than 40 percent of the economic activity. Los Angeles County Economic Development Corporation reported that 93 percent of the County's businesses are small business. Specific focus was on providing equitable opportunity to local small businesses in the infrastructure industry, while developing a culture of regional collaboration among industry leaders.

Infrastructure LA is a regional forum, currently managed by Los Angeles County Public Works, that promotes collaborative engagement and identifies policies and initiatives that improve public and private sector infrastructure investments and can serve as vehicle to advance infrastructure development in the region. *Infrastructure LA* is currently developing a map and list of regionally significant, multisector infrastructure projects to support expedited delivery and cost efficiency through interagency coordination. To date, the list includes 907 projects in the public works, housing, ports, transportation, utilities, and water/sanitation sectors, with construction costs totaling over \$105 billion over the next several years. See [Appendix B](#) for the current list of projects.

It should be noted that the current extensive list of projects promises significant productivity output and job creation potential, and therefore, will be the main driver of the County's aggressive efforts to recover the economy throughout the Los Angeles County region.

Key Sector Initiatives:

Telecommunications Infrastructure

Goal: To ensure that Los Angeles County and the incorporated jurisdictions therein encourage the development of the "best in class" telecommunications infrastructure to provide enhanced services and connectivity to its citizens, businesses, governmental agencies, and educational institutions.

Background: The County is comprised of 88 incorporated cities each with its own processes and procedures for entitling and approving required permits for the deployment of telecommunications infrastructure. These entitlements range from ministerial encroachment permits for the placement of infrastructure within the public right-of-way, to discretionary Conditional Use Permits (CUP) for a traditional cell site located on private property. The fees for securing these entitlements can range from a few hundred dollars for a ministerial over-the-counter permit to tens of thousands of dollars for a CUP. The result of this "patchwork quilt" of regulations is delays in providing much-needed connectivity to the citizens and businesses throughout the County.

Proposed Solutions: The Federal Communication Commission and Congress have passed several orders and laws that have attempted to streamline the deployment of telecommunications infrastructure. However, these pieces of legislation have included vague language and other issues that has led to years of litigation forcing the courts to try to interpret the intent of the original laws. The result has been years-long delays and increased costs to both local jurisdictions and the telecommunications industry and a lack of connectivity for many communities.

The County has a unique opportunity to provide leadership in the deployment of advanced telecommunications networks as it is currently drafting a wireless ordinance that will govern the placement, design, and construction of telecommunications facilities and infrastructure. The new ordinance should clearly delineate the need for these services in all zones (Residential and Open Space as well as Commercial and Industrial) and provide for expedited permit approvals for facilities that meet the code requirements. By doing so, the County can provide certainty to both the public (that the facilities will be designed and constructed to blend in with surrounding land uses) and to the industry (that their projects will receive favorable rulings if they meet these standards).

Additionally, many of these networks cross jurisdictional boundaries which exposes the applicants to varied aesthetic, approval, construction, and inspection processes. The proposal by Public Works to initiate the *Infrastructure LA* program is a great first step towards reviewing and approving these projects at a regional level. The County can provide a framework to batch similarly-designed project applications to expedite the approval process and adoption of new technologies that allow for more efficient and less impactful construction (Microtrenching, directional boring, etc.) techniques. The industry is also exploring the possibility of providing financial assistance to local jurisdictions by front-loading the payment of fees so that these cities have capital available to preserve staff positions that provide plan checking and inspection services.

At the State level, the telecommunications industry is working with the Governor's office, individual legislators, and the Public Utilities Commission on possible bond measures to provide funding to build networks to serve underserved rural and urban communities and school districts. Consideration is being given to tie the receipt of these funds to expedited permit processes to ensure the funding is used for the construction of the physical networks rather than to consultants and legal challenges. During the COVID-19 crisis, funding was provided by both the public and private sectors to provide laptop computers and other devices to those in need, however, it quickly became apparent that unless connectivity was available, the devices were not as useful as intended.

Development & Housing

Goal: To ensure that the County and the incorporated jurisdictions therein encourage the full restoration of the construction industry following the COVID-19 slowdown by supporting and enabling important real estate development projects, which create jobs, stimulate the economy and further address the regional housing affordability crisis through the production of affordable, workforce, and market rate housing.

Background: The County is comprised of 88 incorporated cities each with its own processes and procedures for entitling and approving permits to produce all product types of development, including housing. The housing crisis in California, and in particular in the

County of Los Angeles, is well-established and does not need to be re-presented here. Instead, it is important to adjust expectations relative to the performance of developers and investors in both a severe budget restrained recessionary and post-COVID-19 environment.

If it proved difficult to deliver adequate housing stock during the longest economic expansion in history (June 2009 – February 2020), it will prove almost impossible during the current/upcoming recession without radical change in public policies. Policies and approaches that “worked” when all tides were rising may have entirely different impacts and outcomes during a recession when investors are less enthusiastic about risks and the long entitlement and development process in Los Angeles. And at a time when the housing affordability gap increases every year, the County can ill afford months, let alone years, of reduced housing production.

Even in the last three months, investment capital necessary to produce housing has moved to the sidelines as a result of both short-term and long-term market and investment uncertainty due to loss of jobs and new rental controls, eviction controls, vacancy tax, dramatic increase in rental defaults, and the upcoming vote on Split Role taxation. This includes uncertainty over when and how the national, and more importantly local, Los Angeles County workforce may return to work – thus defining the amount of time it takes employment numbers and incomes to be fully restored to pre-COVID-19 levels. Without jobs, there is no income available for rent, and without a reliable and predictable rent stream, there is no impetus for investors to increase the supply of housing through development. And without businesses operating there are no tax revenues and the impact on State and local governments budgets will have dramatic ripples thru the economy, especially in the County where the government sector is one of the largest employers. Because of the near universal impact of COVID-19, this uncertainty extends to every sector of the economy and every product type of real estate development. As a result, almost any major real estate development that was not full financed prior to COVID-19 is either now on pause or fully stopped, waiting for market certainty to return, anticipated to be mid- to late-2021 at the earliest (assuming no second wave of COVID-19 in the fall. This pause will be months, if not years from which to recover.

To add to the complexity of the challenge, there are many targeted, well-intended ordinances and legislation which intend to alleviate short-term financial impacts and distress for renters, but instead have cumulative unintended consequences of impacting future capital investment and housing development in the Los Angeles region. By way of example, a locally considered Vacancy Tax, obviously intended to encourage occupancy, will be modelled by investors as yet one more cost of building and operating housing in the area. And while it may have an impact on the pricing of currently vacant space, it will also impact the future supply. Developers will not want to risk a new, additional cost if they inadvertently overbuild, or fail to properly time demand. The discussion of potentially applying this concept to also apply to commercial space only expands the negative impact on future supply and reduces the probability that investors will “risk” being caught with retail or ground floor office vacancy in an environment where we anticipate 40 percent of the retail tenants will no longer be in business.

Policies targeted at modifying the legal relationships and agreements between tenants and landlords risk eroding investors’ long-term confidence in the wisdom of investing in locations where rules change or place an undue burden of the impact of this crisis on landlords.

Overall, the cumulative impact of independent policy actions and the resulting financial considerations of the policies must be considered to ensure they do not severely impact future housing supply.

Even prior to COVID-19, actual housing production has fallen for three years in a row in California, as the cost of delivering projects has continually increased, often to the point of infeasibility. As shown in Appendix C [Recovery Indicators, CBRE Research, June 10, 2020], there has been a dramatic impact on the economic outlook and the demand drivers for real estate investment. Consumer confidence is significantly down, while jobless claims, the CBOE Volatility Index and the US BBB-rate Bond Yield Index are all generally up, all impacting capital markets' comfort with investing. Overall consumer spending habits, such as restaurant dining, air travel, hotel demand, shopping center foot traffic, and overall mobility are quite predictably down resulting in impacts across a wide array of real estate product types, such as retail, restaurant, and hotels; and thus impacting key jobs in the service and construction sectors.

Additionally, because of the instability caused by the COVID-19 pandemic, it is important to be aware that economic forecasting may be unreliable in this environment. To avoid unintended social and economic impacts, it is important to consider this possibility in any public policy decisions that might rely on such forecasts.

Lastly, the deep reduction in employment and income levels and accompanying reduction in retail, travel, and sales consumption translates to a reduction in tax revenues, and thus directly impacts many of the funding sources on which even affordable housing projects rely. Finding capital and creative funding sources for affordable projects is now more important than ever, and tax credit financing may be challenged due to severe budget cuts and thus pressures public agencies to exercise creativity to accomplish housing production goals.

Proposed Solutions: We must increase certainty in the safety of investing in the County of Los Angeles to make it easier for capital to return to this market so that capital will create housing and construction jobs, which together are an economic engine to the benefit of all. To aid in this process:

1) The County should support innovative funding opportunities, such as Public Private Partnerships (P3), in order to increase or stimulate infrastructure, commercial development, and housing development potential. The County already has a track record of success with the P3 model used for the Los Angeles County Development Authority headquarters in Alhambra and the Vermont Corridor projects in Los Angeles. The County should pursue more opportunities to seek these financial and private sector cost efficiencies. Additionally, the County should show support for the Public Renewal Buildings Act (PRBA) and any future infrastructure or stimulus bills that would make public buildings eligible to become a P3 by creating a tax-exempt bond that State and local governments can pair with private financing to fund public building projects, such as schools, courthouses, and hospitals. The County should continue to entertain a broad array for P3 formats and structures to best benefit to the County and accelerate construction and development opportunities on a project by project basis.

2) The County should actively engage with the business community, including developers and investors, to review and shape policies under consideration prior to finalization or adoption. Too often legislators do not engage early in the process with those most capable

of implementation and execution of housing projects. We need a more collaborative process to ensure the success of public policies. Policies which increase certainty, such as the recently approved County of Los Angeles “By-Right Housing Ordinance” need to be encouraged and adopted.

3) The County should endorse renewed focus on expediting CEQA reviews and appeals, including pushing the State to fund additional CEQA judges to reduce the backlog of “otherwise entitled” housing projects currently delayed in the court system, often by individuals and special interest groups that have agendas other than the increase in the production of housing. The County should actively advocate to fast-track CEQA appeal hearings for projects of regional significance, which often include a significant number of housing and affordable housing units.

4) The County should advocate and support all pro-housing bills which either streamline, facilitate, or expedite housing development [a summary of current bills, as of the time of this report, is attached.] The County needs to be vocal and active at the State level in supporting these expedited housing initiatives. **The County should be a leader in expedited housing not only for Affordable Housing at 40/60/80 percent of Area Median Income (AMI) but the County needs to be a leader in addressing the lost “middle market” affordable housing of the working class and provide expedited approvals, incentives and financing support for those in the 100/120/150 percent of Area Median Income categories.**

5) Many retail operators will not survive this downturn, and retail vacancies are expected to increase to a point of obsolescence for many properties. This is an opportunity for the County to consider zoning ordinance updates to allow the by-right conversion of retail properties into housing and explore new parking requirements for these repositioned properties.

Overall, the regional housing crisis and the growing homelessness crisis are two problems which cannot wait for a better economy. It is our obligation to current and future residents to clear a path for investors to seek out the County as a haven for investment even during challenging times.

Construction:

Fortunately, in the County, construction continued as an essential service during the Safe at Home order. We wish to acknowledge the hard work of our many Angelenos who continued their work. We pledge our continued commitment to providing adequate PPE for all, as well as to practice social distancing as appropriate on our work sites. We have worked with our partners to identify any on-going issues, and we include our on-going construction recommendations below. However, the current economic downturn has led to decreased construction projects, decreased revenue, and challenges accessing economic relief, all of which have led to many small businesses struggling to survive. Due to recent closure of government offices and limited access to in-person support, these challenges have intensified. Additionally, well-meaning ordinances and legislation may have had unintended consequences of limiting capital investment and development in the LA region, which inadvertently affected small business investment potential.

Summary:

Every economic recovery has been led by construction spending and the jobs created by construction projects. The current COVID-19 pandemic has displaced many workers. Some will return to their prior employment, but others will not have that opportunity. Making sure that the disruption in construction in the County is mitigated or negligible, will not only benefit those currently working in the trades but will also offer a path for those that were displaced. For our country and for the County of Los Angeles, we need to make sure that construction projects and the approval of these projects receive priority. The County currently does not have a process to allow project approvals to be fast-tracked to expedite the entitlement process. As important as it is to bring projects online, it is equally as important that these newly created jobs positively affect the community in more ways than just the housing or infrastructure that they deliver. Economic prosperity for the community starts long before a project is complete. It starts when local residents are able to take advantage of opportunities such as training in a construction trade that will lead to middle-class wages and benefits. If we truly want to break the cycle of inequity that has led to the current unrest in our communities, we need to create careers that allow people to break the grip of poverty.

Goals and Recommendations for Recovery:

Our recommendations and goals are multifaceted and rely on a combination of political initiative and influence, and a partnership that includes owners, contractors, associations, and labor to spur economic recovery and long-term middle-class construction careers.

It is therefore crucial to reopen government offices throughout the County with adequate staff for in-person support, while pursuing innovative ways to leverage technology and communication platforms to ensure inclusive public services to small businesses, underserved communities, and communities with limited access. Local government support in streamlining the permitting and construction processes, being easily accessible, and providing workshops and guidance can also lower infrastructure development costs and expedite the construction process. Additionally, the lack of consistency and communication with the Office of Statewide Health Planning and Development (OSHPD) and the Division of State Architect (DSA) cause additional challenges and inefficiencies in the permitting process for hospitals and schools. Advocacy with these agencies to streamline their review and approval process and delegate authority to their field offices would support more efficient permitting practices.

Individualized assistance such as concierge services or centralizing permitting services across multiple agencies such as One Stop Offices can be implemented to help navigate planning, permitting, and construction processes. Larger regional agencies should encourage and coach smaller ones to provide similar services.

Compliance with complex State and Federal regulations also poses significant challenges to infrastructure development and economic recovery. Many State and Federal regulations often have aggressive compliance targets requiring significant capital expenditures, which could be challenging during the current economic downturn. Implementation of regulatory advocacy strategies to ease compliance targets (e.g., solid waste organics reduction, stormwater quality) and/or modify requirements by factoring in economic realities, will be an important aspect of infrastructure development and economic recovery. This strategy should take into account the County's Sustainability Plan.

It is also critical for public and private infrastructure leaders to collaboratively develop and deploy strategies to advance new initiatives and remove barriers to infrastructure delivery. Infrastructure LA, a regional forum currently managed by Public Works, promotes collaborative engagement and identifies policies and initiatives that improve public and private sector infrastructure investments. It also serves as a forum to advance the recommendations below.

1- Personal Protective Equipment (PPE) and Adequate Testing Sites:

- Work with regional partners to ensure that the construction sector has adequate on-going supplies of PPE for all projects.
- Work with construction partners to make certain we have adequate testing sites near major project corridors to promptly test and report back to mitigate the potential project down time.

2- Protect the current infrastructure funding and intended use of the following:

- SB 1
- Measure M
- HHH
- LAUSD and all other LA County School Districts/LACCD/Higher Education Bonds
- Measure W and all other water-related project funding
- Healthcare related infrastructure
- Any other current or future legislated or voter approved infrastructure funding including;
 1. Federal infrastructure funding
 2. State funding initiatives
 3. Other public- and private-funding sources

3- Create a fast-track process for projects that will positively affect the community:

- Projects that incentivize jobs for local residents.
- Projects that ensure skills training for local residents through State certified apprenticeship programs as well as other workforce readiness programs.

4- Research potential to make development more attractive and profitable such as:

- Increase density levels to allow more units per parcel.
- Reconsider parking restrictions. More public transportation.
- Evaluate fee relief for projects that will reinvest those savings back into the community.

5- Improve efficiency of permitting for utility and other infrastructure projects on a permanent or pilot basis, including:

- Direct Los Angeles County Public Works to expand the scope of their successful EPIC-LA blanket permit so more routine maintenance work by infrastructure providers can be covered and expedited.
- Capitalizing on significantly reduced traffic counts, the Board of Supervisors should direct Public Works to temporarily allow all projects that do not require long-term traffic control or an engineered stamped traffic control plan to be performed using WATCH manual or CA MUTCD.
- Direct Public Works to consider the establishment of an annual “Master Permit” process for utilities and other users of the public right-of-way that have numerous but, similar in scope, projects throughout the County. A master permit would consist of an agreement between the County and the applicant which would include the relevant code sections, conditions of approval, mitigation measures, fees, and inspections that would be required for each project without the need to submit for individual project plan check and permit approvals. The goal is to expedite the processing and approval of routine permit applications while continuing to pay required fees and submit for inspections without over burdening staff.
- To gain long-term efficiency, augment the EPIC system to act as a “clearing house” to notify other utilities when an application has been received for trenching and other underground development. This system would provide utilities the opportunity to share trenches and the costs of deploying infrastructure, and also eliminate situations where streets are impacted shortly after resurfacing projects have been completed.

Clean Energy and Other Environmentally Sustainable Projects

In August 2019, Los Angeles County adopted the OurCounty Sustainability Plan and currently has a draft version of the OurCounty Climate Action Plan. These plans will provide a roadmap for climate action and reducing greenhouse gas emissions. With the impacts of COVID-19 that our most vulnerable populations, we are once again reminded of our need to emerge from this crisis by building our clean energy future. We recognize the need for all of us to work together to reduce greenhouse gas emissions and the opportunity therein to address some of the social, economic, and environmental injustice within our region.

Recommendations

Los Angeles County and other jurisdictions should find ways to reduce barriers for permitting, interconnection times, and other obstacles while supporting efforts to increase available funding (e.g., tax extenders, State and Federal stimulus) to help create more economic activity and jobs through:

1. Accelerating EV charging and related infrastructure deployment to help put people back to work and create new employment opportunities (including through apprentice and pre-apprentice programs). This can include but should not be limited to:
 - Full compliance with AB 1236 (2015) by every city in the County to ensure streamlined and expedited review and approval of permits for zero emissions charging and fueling infrastructure. This should include expedited review and granting of necessary easements.

- Prioritizing zero emissions charging and fueling stations in disadvantaged communities.
- Los Angeles County, and other jurisdictions within the County, could adopt reach codes that incentivize developers to install additional zero emissions charging and fueling capacity beyond minimum State building code requirements.

2. Prioritizing other environmental/sustainable projects, such as stormwater capture or recycled water projects.

3. Accelerating Clean Energy and related infrastructure deployment to help put people back to work and create new employment opportunities (including through apprentice and pre-apprentice programs). This can include but should not be limited to:

- Reform of the County’s renewable energy ordinance to make increase the number of sites available for cost-effective, utility scale clean energy generation projects.
- Los Angeles County, and other jurisdictions and agencies within the County, could leverage their communication channels to help promote clean energy programs offered by the various utilities and energy providers in order to help stimulate economic activity and improve affordability for residential customers and businesses.
- Other efforts to reduce energy bills for low-income families and reduce air pollution in disadvantaged communities.

Outcomes for Implementing Recommendations:

1- Timeline

- Take immediate actions so that when current projects are complete, new projects can fill any anticipated void 12-18 months out.

2- Employment

- Outreach to community-based organizations to help identify candidates to start training programs, so they are ready with the basic skills when the job opportunities become available.
- Utilizes current Building Trades training and recruitment programs as well as other workforce programs to expedite the process.

To address the challenges the infrastructure and construction sectors are currently facing, 12 Key Strategies are recommended as shown in Figure 1.

FIGURE 1: Key Strategy Recommendations



CREATE “BEST IN CLASS” TELECOMMUNICATIONS

Streamline and implement policy changes to allow for rapid permitting and deployment of vital telecommunications facilities and critical infrastructure throughout LA County.



RE-OPEN GOVERNMENT OFFICES

Expedite the re-opening of government offices that are related to construction and infrastructure to the public with adequate staffing for essential services that support the construction industry.



LEVERAGE TECHNOLOGY SOLUTIONS

Explore all opportunities to leverage technology and communication platforms to support on-line transaction of government services, while ensuring inclusive services to underserved communities, small businesses, and communities with limited access.



SUPPORT SMALL BUSINESS

Support small business in construction industry by providing individualized assistance such as concierge services to help navigate planning, permitting, and construction processes.



COLLABORATE THROUGH *INFRASTRUCTURE LA*

Encourage and promote active participation in *Infrastructure LA* as a regional infrastructure forum for public and private infrastructure agencies to further advance infrastructure initiatives for speedy economic recovery.



STREAMLINE CONSTRUCTION PERMITTING

Identify and eliminate barriers that slow down permitting for housing projects and construction activities that require regional coordination, such as those crossing multiple jurisdictional boundaries.



ADVOCATE WITH STATE AGENCIES

Advocate with the Office of Statewide Health Planning and Development Division (OSHPD) and the Division of State Architect (DSA) to streamline processes and delegate additional authority to their local field offices.



ADVOCATE FOR REGULATORY FLEXIBILITY

Request the Board of Supervisors to send a five-signature letter to Governor Newsom and the Los Angeles delegation in Sacramento and Washington DC advocating for deferred implementation of State and Federal regulatory requirements in Infrastructure Development and Construction industries, through legislation if needed, to help focus on immediate economic recovery efforts.



ADVOCATE FOR DIRECT FEDERAL FUNDING

Support and advocate for Federal stimulus funds in infrastructure with direct local investment as a priority, to enable immediate local job creation and productivity increase.



DIVERSIFY PROJECT FUNDING / FINANCING OPTIONS

Advocate for legislation or policies for innovative funding/financing options through P3, such as the inclusion of the Public Renewal Buildings Act (PRBA) in the upcoming infrastructure or stimulus bill.



REFORM REGULATIONS FOR AFFORDABLE HOUSING

Implement regulatory reforms such as By-Right Housing ordinance to expedite permitting, and proactively identify potential locations for multifamily income-restricted affordable housing.



CONSIDER LONG-TERM IMPACTS OF NEW POLICIES

Request that the Board of Supervisors evaluate the long-term impacts on jobs and regional development as a component of considering a new legislation for relief, to ensure such a short-term relief does not have long-term adverse impacts on the infrastructure sector.

Forecasted Outcomes for Implementing Recommendations:

1) Timeline

Short-term

Implementation of the recommended strategies can begin immediately with significant progress observed within the next year. The results of these strategies can provide long-term jobs for the region for generations to come.

Long-term

Continued implementation of the strategies will expedite construction of various infrastructure projects in both the public and private sectors.

Appendix A presents a list and map of regionally significant, multi-sector infrastructure projects that can benefit from the strategies immediately. To date, a total of 907 projects were identified with construction costs totaling over \$105 billion over the next several years. Although still growing, the current list of projects may help estimate their job creation and economic recovery potential throughout the supply chain including contracting, engineering, retail, real estate, technology, and manufacturing industries.

2) Employment

Economic analysis* conducted based on available infrastructure projects revealed several economic outcome measures including employment, as shown below:

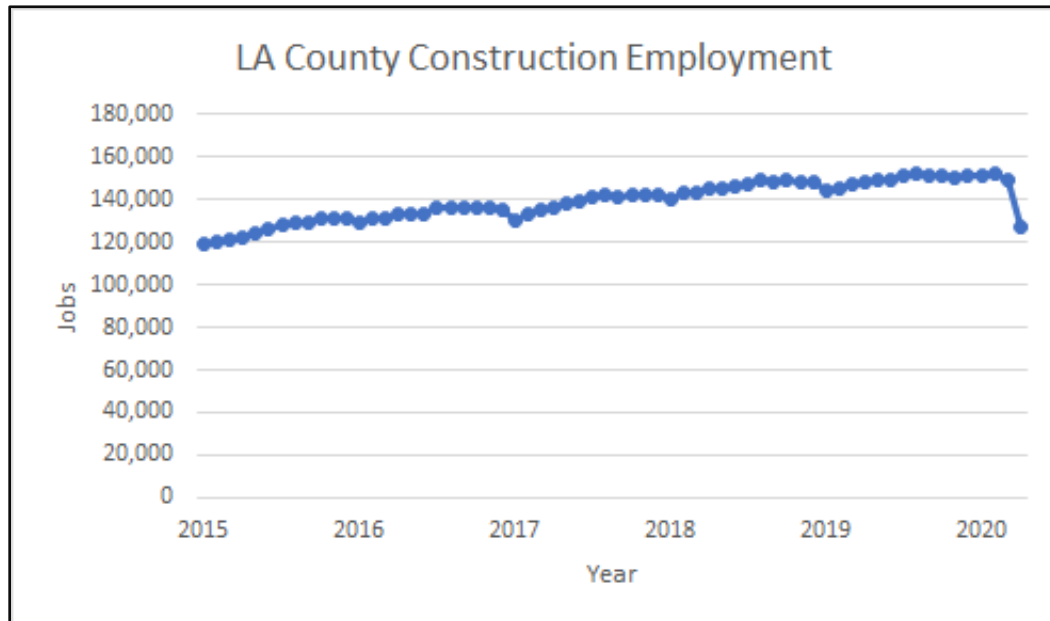
Average return* on each \$1 million investment in infrastructure projects in LA County	
Overall industry production value	\$1.7M
Labor income	\$590K
No. of jobs created lasting average 2-year construction period	5.2 jobs
Tax revenue (local, State, Federal)	\$207K

*Note: generated by economic modeling system, IMPLAN (<https://www.implan.com/>).

These results are slightly higher than US average reported by McKinsey Global Institute, which may indicate the advanced economic foundation of the Los Angeles region.

The estimated economic potential, when applied to the current project list, could provide that construction projects of the next few years alone may be able to recover most of the jobs lost during the pandemic. See Figure 2 for construction job trend in the County reported by CA EDD.

FIGURE 2:



Source: CA EDD (<https://data.edd.ca.gov/Industry-Information-/Current-Employment-Statistics-CES-/r4zm-kdcg>)

3) Revenue

In addition to the tax revenue potential presented earlier, the recommended strategies will enable or improve the use of several revenue sources to support employment and small business throughout the region.

- Direct local investment of Federal stimulus funds
 - Federal stimulus funds, when invested directly to local governments, will maximize the efficiency in economic impact.
- Voter approved funding measures
 - Several major funding measures recently approved by the voters will also be additional revenue sources. Local tax and bond measures (e.g., W, H, HHH, A, and M) and local share of State tax and bonds collectively will bring over \$2 billion of funds to the region annually for various types of infrastructure projects and construction.
- Innovative funding/financing options
 - Various other funding or financing options, often through P3, will provide additional funds. Examples include tax-exempt or taxable bonds, private financing, and Enhanced Infrastructure Financing Districts.

Appendix A

Information to Support LA County Economic
Recovery Discussions

Prepared by
SCAG Staff

Information to Support LA County Economic Recovery Discussions

Prepared by SCAG Staff

June 18, 2020

Introduction

This document includes information compiled by SCAG staff in a few days hopefully to support the discussion for the Los Angeles County Economic Resilience Task Force. The document includes information on four potential opportunities related to entitled housing projects, AHSC projects, transportation projects, and homeless funding. It also includes relevant information on four issues related to permit costs and timing, capital restraints, labor supply, and construction material costs.

Opportunities

1) Entitlements and state of shovel readiness

- The entire Los Angeles County has more than 60 entitled housing projects including approximately 35,000 single family units and 15,000 multi-family units.*

*In addressing the Regional Council directives on May 7, 2020, SCAG staff is currently working to update the entitlement data for three local jurisdictions in LA County. In addition, SCAG staff is not aware of the current state of shovel readiness for those 60 plus projects which would require additional follow-up efforts. Nevertheless, the data above is provided for illustrative purpose for economic recovery discussion.”

2) AHSC Projects (see Appendix 1 at the end for individual project information)

- Affordable Housing Sustainable Communities Program (AHSC) uses cap-and-trade funds to award projects with access to high quality transit and also supporting the implementation of regional SCS.
- For rounds 2-4 (2017-2019), a total of 18 projects, with 2066 total units, have been awarded funding in Los Angeles County through the AHSC Program, for a total award of \$240,569,882.
- Between rounds 3 (2018) and 4 (2019), 14 projects submitted applications for funding in Los Angeles County through the AHSC but were *not* awarded. They consisted of over 1,100 units and approximately 190 million funding requested but not awarded.

3) Transportation Projects (Metro) (Please see Appendix 2 at the end for summary by category)

- For LA County, there are approximately \$22.5 billion transportation projects included in the 2019 FTIP including projects within the next four years.
- For the next four years, transit capital projects account for \$4.5 billion while transit operation and maintenance accounts for \$6.5 billion, and highway capital projects account for \$4.6 billion while highway operation and maintenance accounts for \$5.6 billion.

4) Homelessness Funding

- LAHSA was founded in 1993 as a joint powers authority and is the lead agency in the Los Angeles Continuum of Care, the regional planning body that coordinates housing and services for homeless families and individuals in the county.
- LAHSA manages over \$300 million annually in federal, state, county, and city funds for programs that provide emergency shelter, permanent housing, and services to residents experiencing homelessness.
- Measure H continues to be the largest funding source for homeless services, providing \$350 million annually through 2027 that fund 21 Homeless Initiative strategies. Measure H funds for each strategy are administered by one or more lead County agency (i.e. LAHSA or the Department of Health Services), that typically contract with community-based organizations and government entities to provide services, rental subsidies, etc.
- The 2020 Greater Los Angeles Homeless Count, published on June 12th, found a 13 percent increase in the county’s homeless population. The county now has 66,433 residents experiencing homelessness, up from 59,000 last year. Homelessness continues to have a disproportionate impact on Black residents: while only 8 percent of the county’s residents are Black, 34 percent of the homeless population is Black. LAHSA Commissioner Jacqueline Waggoner, who chairs LAHSA’s Ad Hoc Committee on Black People Experiencing Homelessness, said that solving the county’s homelessness crisis “requires us to center solutions in racial equity so that we can dismantle the legacy of racism that still shapes our region’s vast inequalities of income, wealth, and opportunity.”
 - The report highlights that continued investment in homeless services is working, as the county’s rehousing system placed 22,769 people into permanent housing and 18,395 in interim housing last year.

Issues

1) Permit cost and timing

- Permitting is often the most time-consuming component of overall development processes, and long permitting times can increase project costs or even derail projects entirely.
- The LA Times found that permits in LA and Orange counties fell by 25 percent in the first half of 2019 according to data from the U.S. Census Bureau. This included a decrease of 18.5 percent in single-family residential permits and a drop of 28.6 percent for multifamily permits, both attributed primarily to rising costs of development.
 - A study by the Terner Center for Housing Innovation at UC Berkeley found that in addition to rising costs of land, materials, and labor, approval processes often add untenable costs and delays that make projects unviable.
 - The study found that local fees, permitting, codes, and regulations add 6 to 18 percent to construction costs.
 - Principal policy recommendation calls for state and local reforms to streamline the development process and fees
- Smart permitting projects deploy innovative software programs that allow online submissions of various entitlement, permit and license applications for community development and planning departments
 - Pilot projects that implement these technologies are seen as potential solutions to:
 - Accelerate economic recovery
 - Expedite housing construction
 - Reduce pollution, greenhouse gas emissions, and vehicle miles travelled

- Provide alternatives for in-person interaction
 - Communities such as Riverside and Cerritos are working to upgrade and migrate to newer smart permitting systems
- Riverside typically receives approximately 7,500 permit applications annually with a resubmittal process that averages four trips to City Hall per application; much of this is currently done with in-person exchanges and paper documents
 - By implementing an integrated permitting solution, Riverside is projected to save approximately 20,000 trips to City Hall (50% of current submissions) and eliminate 80-160 vehicle trips to City Hall per day
 - Pilot goal is to remove over 600,000 VMT and over 12 tons of CO2 emissions
 - Cerritos is projected to save 7,100 trips per year and 135,000 VMT annually, which represents a 50% reduction in total trips to City Hall in the first year
 - Saves 30 tons of CO2 emissions in the first year, eventually 45 tons annually
 - Both pilot projects are especially critical in responding to the COVID-19 pandemic
- Barriers to smart permitting projects may include time, capacity, and financial resources, depending on the situation

Migrating from older systems, importing older system data, and working within complex system environments can add to the time, overall cost, and staff resources necessary to implement smart permitting solutions

2) Capital restraints (public and private)

Public Capital Issues on Affordable Housing

- The County's housing crisis is recognized as among the most critical in the country, e.g., the homelessness rate has continued to increase, and is at risk of a new wave, 509,400 low-income renter households lack access to an affordable home; 79% of extremely low-income households are paying more than half of their income on housing costs.^{i,ii}
- Amidst budget pressures, there is concern with the need to protect and maintain full funding of \$100 million per year for the Los Angeles County Affordable Housing Trust Fund. The Trust Fund was established in October 2015, partially to replace the funding shortfall from the loss of redevelopment agencies (RDA).ⁱⁱⁱ
- There are significant number of affordable housing units pending which could generate significant economic benefits. As of mid-June, there are approximately 5,780 affordable housing units in the City of Los Angeles which are pending and in need of subsidies, including Low Income Housing Tax Credits and other federal, State, and local sources. A portion of these have entitlements, and some of them are yet in the entitlement process. These units could potentially generate construction-related impacts of 4,670 jobs, an estimated \$252.9 M in State and local taxes, and \$487.6M in other business income, wages and salaries, and substantial ongoing economic benefits.^{iv}
- Leaders in housing advocacy have proposed the following solutions to addressing the crisis:
 - Additional federal stimulus measures of at least \$100 billion in rental assistance, \$10 billion in project-based rental assistance, \$11.5 billion in Emergency Solutions Grants, and \$10 billion for

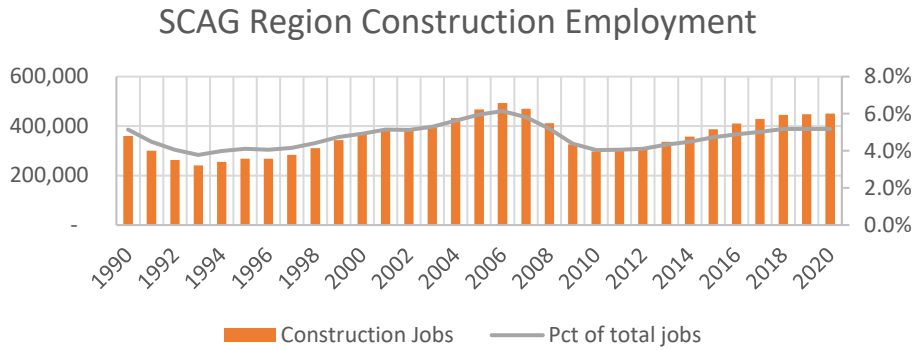
new Housing Choice Vouchers; establishing a minimum 4% credit rate and reducing the 50% test for tax-exempt bonds; a moratorium on evictions and foreclosures, and designation of affordable housing as essential infrastructure, with commensurate investments in any future infrastructure bill.^v

- \$2 billion for local governments to expedite delivery of housing and services to address homelessness. AB 3300 is pending in the Legislature.^{vi}
- A one-time State subsidy pool of \$1 billion for preservation of affordable housing communities through operating assistance and rent accommodations or forgiveness for COVID-19 related to loss of income or economic hardship.^{vii}
- \$3 billion investment in accelerating the State affordable housing pipeline stuck due to a shortage of tax-exempt bonds, and therefore 4% tax credits to generate or support:^{viii}
 - 14,971 Multifamily homes
 - More than 12,000 jobs annually, and another 20,000 over time
 - More than \$4 billion in income, wages, and state and local tax revenues over time

Private Capital Issues on All Investment:

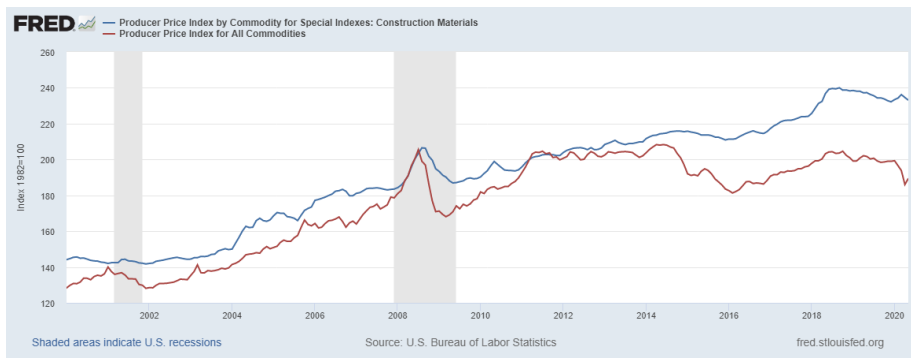
- Overall observation is that the nation and worldwide has been in zero or negative interest rate environment currently and also in last several years.
- This indicated abundance of capital is available everywhere and cheap, but no demand—capital can't find good investment to make profit.
- There should be plenty available capital for market rates housing, but private funding for affordable housing remains scarce, unless it is subsidized, either from public tax differential treatment, or huge density/units bonus or combination of both and others, e.g., reduced permitting fees, etc.
- A worth research is to look into the funding level pooled through "Opportunity Zone." The disadvantages in California versus some other states was that there is no corresponding state capital gains tax deferment.
- In infrastructure/energy investment, plenty capital is available pending on open the market and removing environmental regulations and privatization of public goods or establish PPP. Recent example included Elon Musk boring company/tunnel project, space travel investment, to name a few.

3) Labor supply and cost

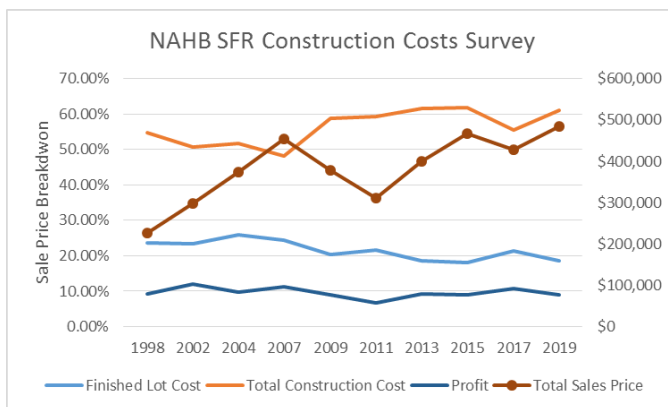


- Construction employment has not yet fully recovered from the Great Recession
- Labor supply likely impacted by lower labor force participation by young adults and slowing immigration
- Average wage of \$64k/year is 8.2% above average (2016, SCAG/EDD)

4) Material supply and cost



- Producer price index for construction materials has pulled away from total PPI since 2014, suggesting increased costs
- Slight decrease since late 2018: a better time to build?



- Nationally representative sample of 6,516 single-family homebuilders
- Sales prices at peak while lot cost share has been declining

Appendix 1

AHSC Rounds 2, 3, and 4 Awards in Los Angeles County

A total of 18 projects, with 2066 total units, have been awarded funding in Los Angeles County through the Affordable Housing Sustainable Communities Program, for a total award of \$240,569,882.

Project Title	Project Location	No. of Housing Units	Total Award	Award Round
7 th and Witmer	Los Angeles	76	\$16,760,000	Round 2 (2017)
MDC Jordan Downs	Los Angeles	135	\$11,969,111	Round 2 (2017)
PATH Metro Villas	Los Angeles	122	\$13,750,183	Round 2 (2017)
Rolland Curtis West	Los Angeles	70	\$5,738,730	Round 2 (2017)
Six Four Nine Lofts	Los Angeles	55	\$5,315,000	Round 2 (2017)
Sun Valley Senior Veterans Apartments	Los Angeles	96	\$11,110,020	Round 2 (2017)
East Los Angeles Wellness Hub and Cavalry Walking Path	Unincorporated Los Angeles County	113	\$8,722,423	Round 3 (2018)
Florence Neighborhood Mobility, TOD Affordable Housing, and Urban Greening	Unincorporated Los Angeles County	109	\$10,798,068	Round 3 (2018)
Long Beach Active Streets and Las Ventanas TOD Apartments	Long Beach	102	\$13,975,653	Round 3 (2018)
Elden Elms	Los Angeles	93	\$16,662,640	Round 3 (2018)
PATH Villas Hollywood	Los Angeles	60	\$8,310,578	Round 3 (2018)
Willowbrook 2	Unincorporated Los Angeles County	100	\$12,531,304	Round 3 (2018)
Weingart Tower and Skid Row Transportation Safety Project	Los Angeles	278	\$20,000,000	Round 4 (2019)
Vermont Manchester Transit Priority Project	Los Angeles, City and unincorporated County	180	\$20,000,000	Round 4 (2019)
Hollywood Arts Collective	Los Angeles	152	\$13,839,800	Round 4 (2019)
Jordan Downs Phase S3 & Watts Pedestrian Bike District	Los Angeles	92	\$11,125,600	Round 4 (2019)
Manchester Urban Homes	Los Angeles	122	\$20,000,000	Round 4 (2019)

West Carson Villas	Los Angeles	111	\$19,960,772	Round 4 (2019)
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AHSC Rounds 3 and 4 Applications Not Awarded in Los Angeles County

Between rounds 3 and 4 of 15 projects submitted applications for funding in Los Angeles County through the Affordable Housing Sustainable Communities Program but was not awarded during their submittal year. 1 Project applied for Round 3, and was not awarded funding; however, they applied again and were awarded funding during Round 4.

Project Title	Project Location	No. of Housing Units	AHSC Round Submitted
Jordan Downs Area G	Los Angeles	134	Round 3 (2018)
The Depot at Hyde Park	Los Angeles	43	Round 3 (2018)
La Veranda	Los Angeles	77	Round 3 (2018)
El Nuevo Amanecer	Los Angeles	61	Round 3 (2018)
Adams Terrace	Los Angeles	86	Round 3 (2018)
Hollywood Neighborhood Enhanced Network and Anita May Rosenstein Campus	Los Angeles	98	Round 3 (2018)
Watts Bike Improvements and Jordan Downs Phase S2 TOD	Los Angeles	81	Round 3 (2018)
Wilmington Active Streets and Jordan Downs Phase S3	Los Angeles	92	Round 3 (2018)
Manchester Urban Homes*	Los Angeles	105	Round 3 (2018)
Skid Row Mobility and Lamp Lodge Affordable Housing	Los Angeles	82	Round 3 (2018)
The Spark at Midtown	Long Beach	95	Round 3 (2018)
The WIN Project	Compton	26	Round 3 (2018)
Compton Creekside Village	Los Angeles	111	Round 4 (2019)
Ramona Metro Point	El Monte	51	Round 4 (2019)
West Carson Villas	Torrance	111	Round 4 (2019)

*Not awarded during Round 3, but Awarded in Round 4

Appendix 2

2019 FTIP (LA County Portion)

Category	Los Angeles County
	Totals
Transit Improvement	
Bus Equipment or Capital Lease	\$348,505
Bus Vehicles Expansion	\$144,004
Commuter Rail Vehicles Expansion	
Intercity/Heavy Rail Extension	
Light Rail Equipment	\$250,000
Light Rail Extension	\$2,058,000
Light Rail Vehicles Expansion	\$872,153
Transit Equipment, Structures, Facilities	\$827,744
Transit Improvement Subtotal	\$4,500,406
Transit Operations & Maintenance	
Bus Operations	\$270,539
Bus Vehicles Rehab/Replace	\$6,069,869
Commuter Rail Operations	
Intercity/Heavy Rail Operations	
Intercity/Heavy Rail Equipment	\$40,410
Paratransit	\$86,103
Transit O&M Subtotal	\$6,466,921
Highway Improvement	
Auxiliary, Passing, Truck Climbing Lane	
Bridge Improvement	\$108,270
Capacity Enhancing Improvements (Highway)	\$1,256,427
Grade Separations	\$2,089,702
HOV Lanes	\$390,104
Interchange, ramps, over/undercrossing	\$289,938
Non-Capacity Improvements	\$513,629
Highway Improvement Subtotal	\$4,648,070
Highway Operations & Maintenance	
SHOPP Operations	\$1,138,088
SHOPP Rehabilitation	\$2,477,576
SHOPP Safety	\$712,805
Road Rehabilitation/Replacement	\$925,967
Safety Improvements	\$309,094
Soundwalls	\$12,000
Highway O&M Subtotal	\$5,575,530
ITS, TDM, and Non-Motorized	
ITS	\$320,188

Bicycle and Pedestrian Facilities	\$696,371
Rideshare	
TDM, Park and Ride (excl. ridematching)	\$70,876
ITS, TDM, and Non-Motorized Subtotal	\$1,087,435
Other	
Administration, Admin. Facilities, Vehicles, Misc.	\$135,430
Ferry Service	\$207,577
Land Acquisition	
Landscaping	\$97,125
Planning	\$91,461
Study	\$1,550
Transportation Enhancement Activities	
Other Subtotal	\$533,143
Various Agencies Lump Amounts	
Total	

	Totals	
Operations Grand Total		\$12,042,451
Capital Grand Total		\$10,235,911

ⁱ Homelessness jumped 13% in L.A. County, 14% in the city before pandemic, LA Times By BENJAMIN ORESKES, DOUG SMITH, JUNE 12, 2020 12:01 AM.

ⁱⁱ Los Angeles County 2020 Affordable Housing Needs Report, California Housing Partnership, May 2020.

ⁱⁱⁱ June 15, 2020 Letter to Board of Supervisors regarding Full Funding for the Affordable Housing Trust Fund, FY 2020/21, SCANPH.

^{iv} "Economic Impact of Pending Affordable Housing Developments, City of Los Angeles," estimated by California Housing Partnership, Los Angeles from HCIDLA Proposition HHH Progress Dashboard, June 16, 2020.

^v "Tackling Affordable Housing and Homelessness During and After COVID-19: A Framework and Package of Immediate and Long-Term Policy Solutions," SCANPH, May 2020.

^{vi} *Landmark Legislation to Deliver Ongoing Homelessness Funding Makes Headway, Assembly member Miguel Santiago, May 20, 2020.* <https://drive.google.com/file/d/12LqijhIRfYLWSnijWKQkgVyGzwZn7RJ/view>

^{vii} Ibid., #4.

^{viii} California Housing Partnership, Analysis: 2020 CHHER Bond, 5/22/2020

Appendix B

List and Map

of

Active and Anticipated Regionally Significant
Infrastructure Projects in LA County



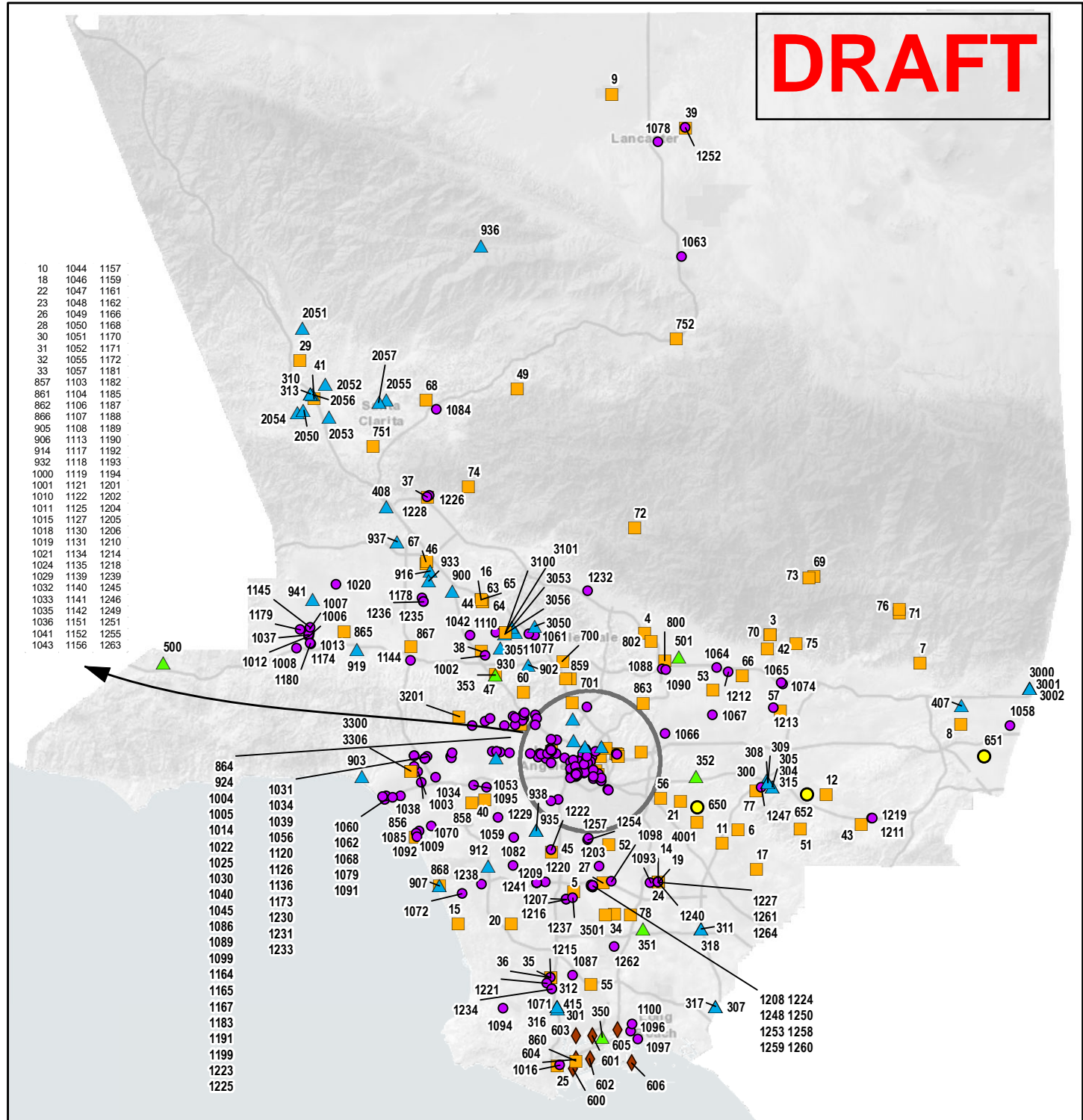
Active and Anticipated Regionally Significant Infrastructure Projects in LA County

*Project list compiled through direct contact or published data

Updated as of 06/16/2020

Sectors

- Public Works
- Housing
- ◆ Ports
- Transportation
- ▲ Utilities
- ▲ Water/Sanitation



Active and Anticipated Regionally Significant Infrastructure Projects in LA County

Project list compiled through direct contact or published data
Updated as of 06/25/20

DRAFT

Total Cost: \$105.3 Billion

Project ID	Owner	Project / Contract	Sector	Location	Description	Estimated Construction Cost (millions)	Estimated Contract Award (year)
001	LA County Public Works	Road Maintenance and Rehabilitation (RMRA) Projects	Public Works	LA County	Various projects to address deferred maintenance on County roads	\$70	Annual
002	LA County Public Works	Concrete Work throughout LA County	Public Works	LA County	Various concrete projects throughout the County	\$10	Annual
003	LA County Public Works	Santa Anita Dam Spillway Modification Project	Public Works	Monrovia	Construct new spillway on existing concrete arch dam, outlet works rehab, access road improvements and mechanical and utility upgrades.	\$37	2017
004	LA County Public Works	Devil's Gate Dam and Reservoir Sediment Removal	Public Works	La Cañada Flintridge	Removal and disposal of sediment; construction of portland cement concrete and asphalt concrete pavement on base material; and the performance of other appurtenant work.	\$76	2018
005	LA County Public Works	Compton Creek Stormwater and Urban Runoff Capture and Reuse Project at Earvin Magic Johnson Park	Public Works	Los Angeles	The project will divert and pump stormwater and urban runoff from an existing storm drain into Earvin Magic Johnson Park.	\$28	2018
006	LA County Public Works	South Whittier Los Nietos - Keith Drive, et al.	Public Works	Whittier	Reconstruction of asphalt pavement on cement stabilized pulverized base, construction of sidewalk, curb and gutter, curb ramps, and the performance of other appurtenant work.	\$12	2019
007	LA County Public Works	Big Dalton Dam Sluiceway Rehabilitation	Public Works	Glendora	Rehabilitation of the existing sluiceway, dam maintenance, and utility upgrades	\$10	2019
008	LA County Public Works	Brackett Field Airport Apron Pavement Rehabilitation	Public Works	La Verne	The airport ramp/apron areas are severely degraded and in need of reconstruction. This construction grant will allow the County of Los Angeles to select a contractor to reconstruct the pavement.	\$12	2019
009	LA County Public Works	General William J. Fox Airfield Reconstruct Runway 6-24 Project	Public Works	Lancaster	Reconstruction of runways taxiway connectors with P-401 asphalt concrete and reclaimed asphalt concrete pavement on P-154 subbase course; installation of reinforced concrete pipe and drainage inlets; striping pavement markings and signing; electrical lighting; and the performance of other appurtenant work	\$10	2020
010	LA County Public Works	LAC+USC Women's & Children's Hospital Demolition	Healthcare	Los Angeles	This project entails content and debris removal, hazardous material abatement, and structural demolition of the building. The project also includes the demolition of other structures on the site including trailers, the cooling tower/air compressor unit, and a storage building.	\$12	2020
011	LA County Public Works	Whittier Aquatics Center	Public Works	Whittier	New aquatics center with a 10,000sf pool building and a full size competitive swimming pool, and a half size practice swimming pool, and site improvements.	\$30	2020
012	LA County Public Works	La Puente One-Stop Development	Public Works	La Puente	Demolish existing BSD facility and constuction a brand new larger BSD filed office.	\$10	2020
013	LA County Public Works	MLK Clinical Lab and Red-bag Storage	Healthcare	Los Angeles	demolish the existing abandoned Cooling Towers enclosure and construct a new approximately 6,800-square-foot clinical laboratory. The project will include demolition of the five wooden cooling towers, associated electrical and plumbing systems, and enclosure, and construction of a new building space including workspace counters, utility rough-in for laboratory equipment, and a pneumatic tube that will connect to the existing head-end unit located in the MLK Community Hospital's inpatient tower.	\$14	2020
014	LA County Public Works	RLASC Demolition	Public Works	Downey	Demolition of 100+ buildings	\$30	2020
015	LA County Public Works	West Coast Basin Barrier Project Unit 13	Public Works	Manhattan Beach	Construct 11 new injection wells and one observation well to replace and supplement existing West Coast Basin Barrier Project to help prevent seawater intrusion into the underlying coastal aquifers.	\$15	2020
016	LA County Public Works	Sun Valley Watershed Upper Storm Drain System - Phase 1	Public Works	Sun Valley	Construction of reinforced concrete pipe, catch basins, connector pipes, and other drainage structures. This storm drain system will drain into the future Rory M. Shaw Wetland Park. Limits: Tujunga Ave, approx. 1100' north of Tujunga Av/Strathern St to just west of Penrose St/San Fernando Rd. Approximate length: 4200 feet	\$10	2020
017	LA County Public Works	Adventure Park Multi-Benefit Stormwater Capture Project	Public Works	Whittier	The project will divert urban and stormwater runoff from the nearby unincorporated community of Whittier into subsurface storage and discharge stormwater to sanitary sewer system for future reuse. The project also includes above ground improvements including sports field overlay, multi-use gathering area, Low-Impact-Development landscaping features, and educational signage.	\$25	2021
018	LA County Public Works	Hall of Administration Fire Protection DM Repairs	Public Works	Los Angeles	Replacement of the facility's fire protection system	\$20	2021
019	LA County Public Works	Rancho Los Amigos National Rehabilitation Center Harriman Building Renovation Project	Public Works	Downey	This project will renovate the building to house administrative and support services, research, education, and ambulatory services. The existing building's electrical, mechanical, heating, cooling, ventilation, plumbing fire suppression, and data/telecommunication systems are obsolete or do not have capacity to serve the building renovation and will be replaced in their entirety. The building will be seismically upgraded and special attention given in preserving the historical elements.	\$68	2020

Project ID	Owner	Project / Contract	Sector	Location	Description	Estimated Construction Cost (millions)	Estimated Contract Award (year)
020	LA County Public Works	Alondra Park Stormwater Capture Project	Public Works	Lawndale	The Project will divert urban and stormwater runoff from County unincorporated areas and the Cities of Hawthorne, El Segundo, Manhattan Beach, Lawndale, and Redondo Beach into storage galleries underneath the park. The water will then be diverted to the sewer, treated and released back to the stormdrain, or reused for irrigation. The project also includes above ground improvements including restored baseball fields, a new soccer field, educational signage, permeable paver parking lot, bioswales and drought tolerant planting.	\$42	2021
021	LA County Public Works	East LA Sustainable Median Stormwater Capture Project	Public Works	Los Angeles	median improvements in East Los Angeles including stormwater capture, landscaping, passive recreation, and educational opportunities	\$26	2020
022	LA County Public Works	Vermont Corridor Department of Mental Health HQ & Parking Garage Project	Healthcare	Los Angeles	The Project is a Public-Private Partnership with developer Trammell Crow. The project constructs two buildings. One is a 21-story office building that includes 7 levels of parking and street level retail. b) The second is an adjacent 13-story garage structure.	\$305	2020
023	LA County Public Works	Vignes Interim Housing Project	Public Works	Los Angeles	The Project is the construct temporary housing for the homeless. Currently in the concept stage, the Project will create approximately 500 temporary units in a 4.5 acre site.	\$55	TBD
024	LA County Public Works	Rancho Los Amigos South Campus Internal Services Department & Probation HQ Project	Public Works	Downey	The Project is a Design-Build project for the construction of approximately 450,000 SF of administrative office space for ISD and Probation including support spaces such as auditoriums and food service. In addition to the new construction, three historical structures/features will be restored and repurposed and one historical building will be mothballed.	\$375	TBD
025	LA County Public Works	San Pedro Courthouse Redevelopment Project	Public Works	San Pedro	This is a Public-Private Partnership with developer Genton Cockrum Partnership. The project is a mixed-use development that includes approximately 300 residential units with 20% being affordable, 24,000 sq. ft. of retail space, and 565 parking spaces.	\$141	TBD
026	LA County Public Works	4th and Hewitt Development Department of Public and Social Services Office and Department of Arts and Culter HQ Project	Public Works	Los Angeles	The project involves two sites. One site will include a 44,000 sq. ft. replacement of the existing DPSS office and parking and the other site will include 12,000 sq. ft. of ground floor retail space, 30 affordable artist live/work units, 230,000 sq. ft. of creative space and parking.	\$209	TBD
027	LA County Public Works	Century Regional Detention Facility Deferred Maintenance Project	Public Works	Lynwood	The project scope includes roofing replacements to the Century Sheriff Station, Administration Area, East Housing Area and West Housing Area; refurbishments to the existing elevators at the East and West Housing Area; and replacement of the facility's fire protection system.	\$20	TBD
028	LA County Public Works	Twin Towers Correctional Facility Deferred Maintenance Project	Public Works	Los Angeles	The project scope includes replacement of all necessary parts and operating systems for twenty-two traction and two hydraulic operated conveying systems.	\$31	TBD
029	LA County Public Works	Pitchess Emergency Vehicle Operations Center Project	Public Works	Castaic	The project scope includes construction of an Emergency Vehicle Operation Center (EVOC) at the Pitchess Detention Center; including a new Classroom Building, Driver Training Track, Skid Pad, Collision Avoidance Area and Parking Lot.	\$11	TBD
030	LA County Public Works	LAC+USC Restorative Village Phase 2	Healthcare	Los Angeles	The LAC+USC Restorative Care Village Phase 2 is currently planned to be an approximately 50,000SF new building adjacent to Phase 1 to house a Mental Health Wellness and Urgent Care Center and a Recovery and Respite Center.	\$61	2021
031	LA County Public Works	LAC+USC Restorative Village Phase 3	Public Works	Los Angeles	The LAC+USC Restorative Care Village Phase 3 is proposed to be a 200-bed Inpatient Acute Mental Health Nursing Tower located on the LAC+USC campus at the corner of Zonal and Mission Road.	\$250	2023
032	LA County Public Works	LAC+USC General Hospital Repurpose	Healthcare	Los Angeles	The LAC+USC General Hospital Repurpose project proposes to re-use the historical 1,500,000SF hospital that was vacated when the replacement hospital was completed in 2005. The use of this building has yet to be finalized but mixed-use functions such as offices, housing, medical museums, and medical convention center has been proposed.	\$3,000	2022
033	LA County Public Works	Hall of Records Renovation Projects	Public Works	Los Angeles	The Hall of Records is another historical building original designed by architect, Richard Neutra. In 2019, the County renovated the 7th floor with the open office concept. The Consumer Business Affairs on the first floor is currently under construction. This project proposes to renovate the remaining floors.	\$91	2022
034	LA County Public Works	Compton Mental Health Clinic	Healthcare	Compton	The Department of Mental Health leased this building for years. The County now owns the 2 story building. This project proposes to renovate one of the two floors for more mental health clinic functions.	\$10	2021
035	LA County Public Works	HUCLA - Outpatient/Support Building & Parking	Healthcare	Torrance	Clinical offices on the Harbor-UCLA Medical Center campus are now located throughout the campus in pre-WWII barracks as well as in the existing hospital. This project proposes to consolidate all clinical functions into one state-of-the-art Outpatient and Support Building. The project also include an approximately 1,000-space parking structure.	\$250	2021
036	LA County Public Works	HUCLA - Inpatient Nursing Tower Replacement Building	Healthcare	Torrance	The existing Harbor-UCLA Hospital building was built in 1960. The hospital does not meet OSHPD's Senate Bill 1953 seismic requirements. It needs to be replaced before 2030 to meet the SB 1953 requirements. This project proposes to construct a new 330-bed hospital.	\$850	2021
037	LA County Public Works	Olive View-UCLA Fire Alarm & Nurse Call Replacement project	Healthcare	Sylmar	The Olive View-UCLA Medical Center fire alarm and nurse call system has exceeded it useful life. The Fire Department has placed the hospital on firewatch until a new fire alarm system is installed. The nurse call system replacement will be installed while the fire alarm is being replaced to minimize construction impact.	\$42	2020

Project ID	Owner	Project / Contract	Sector	Location	Description	Estimated Construction Cost (millions)	Estimated Contract Award (year)
038	LA County Public Works	North Hollywood Health Clinic	Healthcare	North Hollywood	The North Hollywood Health Clinic proposes to replace the existing North Hollywood Public Health Center with a 60,000SF building that will provide integrated health delivery to the area of North Hollywood. This building will house Public Health, Health Services and Mental Health function under one roof to provide seamless health services to the residents.	\$55	2021
039	LA County Public Works	High Desert HUB	Healthcare	Lancaster	This project proposes to construct an approximately 10,000SF Mental Health HUB to provide services to adolescent and children in the High Desert region of the County. The project is proposed to be located adjacent to the High Desert Regional Health Center and the High Desert Mental Health Urgent Care Center that is under currently construction.	\$12	2021
040	LA County Public Works	Park to Playa Trail: Stoneview Nature Center to Hahn Park Project	Public Works	Culver City	Construction of a pedestrian bridge across La Cienega Blvd to link the multi-use path from Kenneth Hahn State Recreation Area to the beach	\$11	2020
041	LA County Public Works	The Old Rd over Santa Clara Bridge Replacement	Public Works	Santa Clarita	The Old Rd over Santa Clara River Bridge No. 53C0327 & SPT CO. Bridge No. 53C-0328; The Old Rd The Old Rd over Santa Clara River & SPT CO. Bridge, et from south of Henry Mayo Dr to Magic Mountain Pkwy.	\$115	2024
042	LA County Public Works	Santa Anita Headworks Improvements Project	Public Works	Monrovia	Headworks Modification	\$20	2023
043	LA County Public Works	Colima Rd Median Reconstruction & T/S Upgrade	Public Works	Whittier	Colima Rd - City of Whittier Boundary to Fullerton Rd City of Whittier Boundary to Fullerton Rd	\$18	2022
044	LA County Public Works	Sun Valley Watershed Upper Storm Drain System, Phase 3	Public Works	Sun Valley	Phase 3 of the Sun Valley Watershed Upper Storm Drain System	\$18	2022
045	LA County Public Works	SEED Los Angeles School	Public Works	Los Angeles	Transportation Boarding School 4,023 acres on the east side of 8400 and 8500 blocks of South Vermont Avenue at Manchester Avenue in the City of LA	\$15	2022
046	LA County Public Works	Pacoima Spreading Grounds Basin Enhancement	Public Works	Los Angeles	Spreading Grounds Improvement	\$48	2021
047	LA County Public Works	Los Angeles River Bike Path	Public Works	North Hollywood	Bike path from Lankershim Bl to Barham Bl	\$14	2022
048	LA County Public Works	Malibu Cyn Rd over Malibu Creek Bridge Replacement	Public Works	Malibu	Bridge replacement along Malibu Canyon Road over Malibu Creek	\$13	2022
049	LA County Public Works	Soledad Cyn Rd over Santa Clara River Bridge Replacement	Public Works	Santa Clarita	Bridge replacement along Soledad Canyon Road over the Santa Clara River	\$12	2028
050	LA County Public Works	San Francisquito Cyn Rd over San Francisquito Cyn Ck Bridge Construction	Public Works	Santa Clarita	Construction of a bridge along San Francisquito Canyon Rd over San Francisquito Canyon Creek	\$12	2022
051	LA County Public Works	Hacienda Heights to Leticia Drive Road Reconstruction	Public Works	Hacienda Heights	Reconstruct 7.2 mi of locals https://goo.gl/KCejeB	\$12	2022
052	LA County Public Works	Walnut Park Road Reconstruction	Public Works	Huntington Park	Reconstruct 7.1 mi of locals https://goo.gl/iPWguG	\$12	2022
053	LA County Public Works	Huntington Drive Improvements	Public Works	Pasadena	pavement, bike lanes, medians on Huntington Drive - San Gabriel Blvd to 132' W/o Av Michillinda Ave	\$12	2020
054	LA County Public Works	Bridge Preventive Maintenance	Public Works	Long Beach, Palos Verdes Estates	Bridge Preventive Maintenance Program - Groups 7 & 8 Various bridges in Cities of Long Beach, Palos Verdes Estates and Port of Long Beach	\$11	2021
055	LA County Public Works	Wilmington Ave over Compton Creek Bridge Replacement	Public Works	Carson	Replacement of bridge along Wilmington Ave over Compton Creek	\$11	2022
056	LA County Public Works	East Los Angeles Community Roadway Improvement	Public Works	Commerce	resurfacing of Indiana St/Goodrich Bl	\$11	2021
057	LA County Public Works	Peck Road over San Gabriel River Bridge Rehabilitation	Public Works	Irwindale	Rehabilitation of bridge along Peck Road over the San Gabriel River	\$10	2025
058	LA County Public Works	Traffic Signal Synchronization Program	Public Works	Regional	Construction of traffic signal upgrades and synchronization of traffic signals for 31 multi-jurisdictional routes across Los Angeles County.	\$52	2021-2023
059	LA County Public Works	San Jose Creek Bike Path	Public Works	Avocado Heights	Bike path paralleling San Jose Creek in unincorporated Avocado Heights/Bassett area	\$14	2023
060	LA County Public Works	Woolsey Fire Recovery	Public Works	Hollywood Hills	Guardrail replacement, timber wall replacement, and slope repairs for the Woolsey Fire. Includes \$8.7 million in costs for Mulholland Hwy at Triunfo Creek bridge.	\$18	Various
062	LA County Public Works	February 2019 storm recovery	Public Works	Westside	Retaining wall, slope repair shoulder repair, culvert replacement, and other activities to repair damages caused by February 2019 winter storm	\$29	Various
063	LA County Public Works	Rory M. Shaw Wetlands Park Phase 1 (Site Demolition and Investigations) and Phase 2 (Crushing and Grading)	Public Works	Sun Valley	assess the site and includes removal of existing concrete plant facility, performing a type 1 ESA, biological assessment, and geotechnical testing. Phase 2 will prepare the site for multi-benefit features includes clearing/grubbing, overexcavation of the detention pond/wetland areas, and rough grading that will bring the project site to street grade.	\$51	2021
064	LA County Public Works	Rory M. Shaw Wetlands Park Phase 3(Above Ground Improvements)	Public Works	Sun Valley	Phase 3 includes construction of above-ground improvements on the 46-acre site including a new park facility, constructed wetlands, and athletic fields.	\$30	2025
065	LA County Public Works	Sun Valley Watershed Upper Storm Drain System, Phase 2	Public Works	Sun Valley	Construction of a reinforced concrete pipe storm drain system, storm drain structures, catch basins, and automatic retractable screen devices; and the performance of other appurtenant work.	\$25	2021
066	LA County Public Works	Baldwin Lake and Tule Pond Restoration Project	Public Works	Arcadia	Removing sediment from the lake and pond; restoring the lake and pond's edge including historic cobble retaining wall; improving water quality by installing bioswales and HDUs; additional storm water appurtenances; providing recreational and educational amenities; and enhancing the aesthetics and operational features of the lake and pond.	\$19	2022

Project ID	Owner	Project / Contract	Sector	Location	Description	Estimated Construction Cost (millions)	Estimated Contract Award (year)
067	LA County Public Works	Bull Creek Water Conservation Pipeline	Public Works	Los Angeles	The proposed project includes construction of a rubber dam, an intake structure, a 3-mile pipeline, and an outlet structure. The pipeline will convey stormwater flows from Bull Creek Channel to Pacoima Spreading Grounds.	\$19	2023
068	LA County Public Works	Mint Canyon Channel Erosion Improvement	Public Works	Canyon Country	investigate the elimination of erosion, improve flood control, reduce maintenance and provide recreational multi-use amenities within the Mint Canyon Channel located downstream of the bridge at Sierra Highway and upstream of Adon Avenue in the City of Santa Clarita.	\$16	2023
069	LA County Public Works	Cogswell Dam Inlet-Outlet Works Rehab Phase 1	Public Works	Azusa	Hoist rehabilitation, road repairs, underground utility placement and electrical service upgrade, inlet/outlet works rehabilitation, new relief quarters, and overall facility improvements.	\$11	2022
070	LA County Public Works	Santa Anita Debris Dam Seismic Rehab	Public Works	Monrovia	The project will include buttressing the existing spillway walls and westerly embankment, vertically raise spillway walls by 12-inches, construct parapet walls 12-inches in height on the upstream side of the dam crest, replace the existing outlet tower and catwalk, modify existing inlet/outlet works, construct and replace access roads, install additional monitoring equipment, and replace riprap on the upstream and downstream faces.	\$10	2021
071	LA County Public Works	San Gabriel Dam Utility Upgrade and Crane Replacement	Public Works	Azusa	Upgrade sitewide utility systems including electrical, plumbing, water tanks, and backup generators. Replace existing stiffleg derrick crane with new, and reconstruct access roads with AC and PCC.	\$12	2022
072	LA County Public Works	Big Tujunga Reservoir Restoration Project	Public Works	Tujunga	Remove up to 4.4 MCY of sediment from the reservoir and place it at the adjacent SPS.	\$33	2021
073	LA County Public Works	Cogswell Reservoir Restoration Project	Public Works	Azusa	Remove up to 2.5 MCY of sediment from the reservoir and place it at the adjacent SPS.	\$36	2021
074	LA County Public Works	Pacoima Reservoir Restoration Project	Public Works	Sylmar	Remove 3.0 - 5.4 MCY of sediment from the reservoir.	\$85	2023
075	LA County Public Works	Sawpit Debris Dam Seismic Rehab	Public Works	Monrovia	The proposed project will either retrofit the dam by reconstructing the portions of the upstream and downstream faces of the dam including the spillway and constructing a new outlet tower and foundation, or raze the current dam and build a new dam in its place to address liquefaction deficiencies and to meet State Division of Safety of Dams standards.	\$15	2025
076	LA County Public Works	San Gabriel Reservoir Restoration Project	Public Works	Azusa	Remove 2.1 MCY of sediment from the reservoir and place it at Burro Canyon SPS	\$40	2024
077	LA County Public Works	San Jose Creek Regional Access Project	Public Works	Whittier	Construct bridge across San Jose Creek and bike path along San Jose Creek and San Gabriel River connecting the existing bike path on the south side of San Jose Creek at Workman Mill Rd. to proposed Duck Farm Park	\$11	TBD
078	LA County Public Works	Compton Blvd. et al.	Public Works	Compton	2.8 mile complete street project including pavement resurfacing, traffic safety enhancements, street trees, and storm water quality features	\$10	TBD
100	LA Metro	Green Line Extension to Torrance	Transportation	South Bay cities	Studying transit service options along a four-mile segment from the Redondo Beach Marine Station to the proposed Regional Transit Center (RTC) in Torrance.	\$891	TBD
101	LA Metro	Foothill Gold Line Extension 2B	Transportation	San Gabriel Valley	Gold Line Extension from Glendora to Montclair	\$735	TBD
102	LA Metro	West Santa Ana Branch Transit Corridor	Transportation	City of Los Angeles, Gateway Cities	Approximately 19-mile Light Rail Transit system with 12 stations extending from Downtown LA/Union Station to Artesia	\$4,600	TBD
103	LA Metro	Airport Metro Connector	Transportation	City of Los Angeles, Regional	construction of 96th St Transit Station on the CLAX Line to provide connection to LAWA's future Automated People Mover	\$200	TBD
104	LA Metro	Crenshaw/LAX	Transportation	City of Los Angeles, South Bay Cities	Accelerates construction of a line along the Crenshaw Bl Vicorridor and connects Los Angeles, Inglewood, Hawthorne and El Segundo, plus unincorporated LA County	\$1,210	2014-2021
105	LA Metro	I-5 North HOV	Transportation	Buena Vista	HOV along SR-134 to Buena Vista area	\$265	2019-2022
106	LA Metro	Burlington Northern Santa Fe Grade Separations	Transportation	Gateway Cities	grade separations to improve safety and transit in the Gateway Cities	\$35	TBD
107	LA Metro	Clean-Fuel Bus Capital Facilities and Rolling Stock	Transportation	Regional	Purchase of new clean buses	\$150	TBD
108	LA Metro	Patsaouras Bus Station	Transportation	City of Los Angeles	New transit busway station for the Metro Silver Line and other transit buses operating on the El Monte Busway	\$31	2016-2020
109	LA Metro	Purple Line Extension	Transportation	City of Los Angeles, Westside Cities	Extends Metro Rail to the Westside; project is expected to serve mid-city, Beverly Hills, Century City and Westwood/UCLA	\$4,070	2014-2027
110	LA Metro	Regional Connector	Transportation	City of Los Angeles, Gateway Cities, San Gabriel Valley, South Bay cities, Westside cities	Links light rail lines that terminate at the edges of Central LA; expected to provide seamless connections between Long Beach/Azusa, and Santa Monica/East LA minimizing need for rail transfers	\$1,750	2014-2022
111	LA Metro	SR-138 Corridor Project	Transportation	North LA County	Widens SR-138 by adding new lanes in each direction to the San Bernardino County line	\$200	TBD
112	LA Metro	Willowbrook/Rosa Parks Station Upgrade & Mezzanine	Transportation	Willowbrook	provide significant upgrades to the Willowbrook/Rosa Parks Station to enhance safety and security, improve connections to the surrounding community, expand station capacity, and streamline rail and bus transfers.	TBD	2018-2020
113	LA Metro	Arts District/6th Street Station	Transportation	Los Angeles	New Metro station in the Arts District at 6th Street	TBD	TBD
114	LA Metro	Countywide BRT Program	Transportation	Regional	including NSFV BRT, NoHo to Pasadena BRT	\$447	TBD
115	LA Metro	Crenshaw Northern Extension	Transportation	San Fernando Valley	Project to connect the South Bay, LAX area, South Los Angeles, Inglewood and Crenshaw corridor to Mid-City, Cntral Los Angeles, West Hollywood and Hollywood, allowing for further connections to points north in the San Fernando Valley via the Metro Red Line.	\$2,240	2041-2047
116	LA Metro	Eastside Extension Phase 2	Transportation	Gateway Cities, San Gabriel Valley	Extends Metro Gold Line farther east from the Pomona/Atlantic Station	\$1,270	TBD

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117	LA Metro	Pablo Comado Interchange	Transportation	Las Virgenes/Malibu	highway construction	\$11	TBD
118	LA Metro	San Gabriel Valley Transit Feasibility Study	Transportation	San Gabriel Valley	Study of the San Gabriel Valley Transit corridor	\$1,270	TBD
119	LA Metro	Sepulveda Transit Corridor	Transportation	City of Los Angeles	add 10-mile HOV lane and improve supporting infrastructure such as ramps, bridges and sound walls on I-405; widen lanes from I-10 to US-101	\$1,140	TBD
120	LA Metro	Vermont South Bay Feasibility Study	Transportation	South Bay Cities	Study of 12.4 mile transit corridor, which connects to 4 Metro Rail lines, several bus routes and key activity centers	\$310	TBD
121	LA Metro	Orange Line Grade Separation	Transportation	San Fernando Valley	Crossing gates and grade separation along the 18-mile Orange Line busway	\$286	2021-2024
122	LA Metro	Antelope Valley Line Enhancements	Transportation	Antelope Valley	provide high-quality mobility options that enable people to spend less time traveling	\$33	TBD
123	LA Metro	Alameda Corridor East Grade Separation Phase 2	Transportation	San Gabriel Valley	Construction of bridges or underpasses and improvement of operation of other railroad intersections along a 35-mile stretch of the San Gabriel Valley	\$400	TBD
124	LA Metro	Centinela Grade Separation	Transportation	Inglewood	Convert existing at-grade crossing at Crenshaw/LAX Transit line at Centinela and Florence to an above-grade crossing	\$150	2022-2025
125	LA Metro	Eastside Light Rail Access	Transportation	Los Angeles	Increases access, including pedestrian and bicycle, to the Gold Line Eastside Light Rail project	\$30	TBD
126	LA Metro	I-105 ExpressLanes	Transportation	Regional	ExpressLanes along I-105 to enhance traffic flow, improve trip reliability and travel times, and sustain and manage mobility	\$175	TBD
127	LA Metro	I-210 Barriers	Transportation	Regional	Increase the height of existing walls that separate Gold Line tracks from the I-210	\$11	TBD
128	LA Metro	I-5 Capacity Enhancements	Transportation	North LA County	SR-14 to Parker Road	\$440	TBD
129	LA Metro	I-5 Corridor Improvement I-605 to I-710	Transportation	Gateway Cities	construct one carpool lane and one mixed-low lane in each direction extending 6.4 miles through Cerritos, La Mirada, Santa Fe Springs and Norwalk	\$265	TBD
130	LA Metro	I-605 Hotspots	Transportation	Gateway Cities	Improvements to interchanges along the I-605 corridor, such as the SR-60, I-5, SR-91 and I-405 interchanges	\$590	TBD
131	LA Metro	I-710 South Corridor Project	Transportation	Gateway Cities	develop transportation alternatives that: improve air quality and public health, improve traffic safety, modernize the freeway design, accommodate projected traffic volumes, address increased traffic volumes resulting from projected growth in population	\$10,000	TBD
132	LA Metro	LA River Bike Path	Transportation	Central LA County	Close the 8-mile gap in the LA River Bike Path between Elysian Valley and the City of Vernon to create a continuous 31-mile corridor	\$365	TBD
133	LA Metro	Countywide Soundwall Construction	Transportation	Regional	construction of soundwall projects for major highway projects to reduce freeway noise levels	\$250	TBD
134	LA Metro	Rail to River ATP	Transportation	Los Angeles, Inglewood, Huntington Park, Vernon, Maywood, Bell	convert 10 miles of existing underutilized railroad right-of-way into a multipurpose pedestrian and bicycle transportation corridor to create connections to the Los Angeles River	TBD	TBD
135	LA Metro	Rosecrans/Marquardt Grade Separation	Transportation	Santa Fe Springs	provide grade separation at the Rosecrans Av/Marquardt Av intersection to improve safety, eliminate delays and enhance the environment	\$156	2019-2023
136	LA Metro	SR-57/SR-60 Interchange Improvements	Transportation	City of Industry	reduce congestion and delays and improve safety at the SR-57/SR-60 confluence.	\$234	TBD
137	LA Metro	SR-71 GAP	Transportation	East LA County	Mission Blvd to San Bernardino County Line	TBD	TBD
138	LA Metro	Metro Rail Capital Projects	Transportation	Regional	Includes rail and bus facility maintenance	\$788	TBD
139	LA Metro	Division 20 Portal Widening & Turnback Facility	Transportation	Los Angeles	New turnback facility and widening of heavy rail tunnel	\$69	2019-2023
140	LA Metro	East San Fernando Valley Transit Corridor Project	Transportation	San Fernando Valley	light rail transit corridor in the San Fernando Valley along Van Nuys Boulevard and San Fernando Road	\$1,300	TBD
141	LA Metro	Emergency Security Operations Center	Transportation	Los Angeles	New Metro Emergency Operations Center	\$113	TBD
142	LA Metro	I-405, I-110, I-105, I-91 Ramp/Interchange Improvements	Transportation	Los Angeles	Auxiliary lanes and ramp reconfigurations	\$906	TBD
143	LA Metro	I-5 Carmenita Road Interchange	Transportation	Gateway Cities	highway construction	\$138	TBD
144	LA Metro	Lost Hills Overpass and Interchange	Transportation	Las Virgenes/Malibu	highway construction	\$33	TBD
145	LA Metro	New Maintenance of Way Building	Transportation	Los Angeles	New rail maintenance building	\$53	TBD
200	Caltrans	Road Segment Slope Stabilization	Transportation	Regional	Includes slopes on SR-1, SR-2, SR-14, SR-23, SR-27, SR-39, SR-110, SR210	TBD	TBD
201	Caltrans	SR-1 Improvements	Transportation	SR-1 between mile 0-35.2	Includes improvements to: pavement, bridges, mobility, drainage, safety, protective betterments, damage restoration, sustainability	TBD	2020 - 2027
202	Caltrans	SR-2 Improvements	Transportation	SR-2 between mile 2.3 - 23.44	Includes improvements to: pavement, mobility, sustainability, drainage, roadside, safety, collision reduction	TBD	2020 - 2027
203	Caltrans	I-5 Improvements	Transportation	I-5 between mile 0 - 87.4	Includes improvements to: sustainability, drainage, mobility, pavement, drainage, roadside, safety improvements, bridges, WIM Scales & CVEFs	TBD	2020 - 2027
204	Caltrans	I-10 Improvements	Transportation	I-10 between mile 2.15 - 48	Includes improvements to: pavement, bridges, mobility, drainage, safety, protective betterments, damage restoration, sustainability	TBD	2020 - 2028
205	Caltrans	SR-14 Improvements	Transportation	SR-14 between mile 24 - 70.99	Includes improvements to: drainage, mobility, damage restoration, protective betterments, roadside, pavement, bridges	TBD	2020-2025
206	Caltrans	SR-18 Improvements	Transportation	SR-18 between mile 0 - 4.5	Pavement improvements	TBD	2027

Project ID	Owner	Project / Contract	Sector	Location	Description	Estimated Construction Cost (millions)	Estimated Contract Award (year)
207	Caltrans	SR-22 Improvements	Transportation	SR-22 between mile 0 - 1.5	Includes improvements to: drainage, pavement, mobility	TBD	2021-2027
208	Caltrans	SR-23 Improvements	Transportation	SR-23 between mile 0 - 7.4	Drainage improvements	TBD	2026-2027
209	Caltrans	SR-27 Improvements	Transportation	SR-27 between mile 0 - 20.06	Includes improvements to: pavement, damage restoration, drainage	TBD	2022-2027
210	Caltrans	SR-39 Improvements	Transportation	SR-39 between mile 18.36 - 44.4	Includes improvements to: bridges, safety	TBD	2020-2029
211	Caltrans	SR-47 Improvements	Transportation	SR-47 between mile 0 - 20.78	Includes improvements to: mobility, drainage, bridges	TBD	2025-2029
212	Caltrans	SR-57 Improvements	Transportation	SR-57 between mile 0 - 12.2	Includes improvements to: sustainability, safety, roadside	TBD	2021-2028
213	Caltrans	I-710 Improvements	Transportation	I-710 between mile 5 - 32.72	Includes improvements to mobility, pavement, roadside, drainage, bridges, sustainability facilities	TBD	2021-2029
214	Caltrans	SR-72 Improvements	Transportation	SR-72 between mile 0 - 6.8	mobility (ADA) improvements	TBD	2021-2022
215	Caltrans	SR-90 Improvements	Transportation	SR-90 between mile .92 - 3.28	Includes improvements to: mobility, roadside, facilities	TBD	2022-2029
216	Caltrans	SR-91 Improvements	Transportation	SR-91 between mile 6.02 - 20.74	Includes improvements to: pavement, safety, sustainability, drainage, bridges, roadside	TBD	2020-2029
217	Caltrans	US-101 Improvements	Transportation	US-101 between mile 0 - 38.19	Includes improvements to: pavement, drainage, mobility, safety, roadside, bridges, facilities	TBD	2020-2029
218	Caltrans	SR-105 Improvements	Transportation	SR-105 between mile 0.5 - 18.14	Includes improvements to: roadside, drainage, sustainability, mobility, bridge, facilities, safety	TBD	2021-2028
219	Caltrans	SR-110 Improvements	Transportation	SR-110 between mile 0 - 30.1	Includes improvements to: safety, drainage, roadside, sustainability, bridge, damage restoration, mobility	TBD	2020-2029
220	Caltrans	SR-118 Improvements	Transportation	SR-118 between mile 1.47 - 14.4	Includes improvements to: drainage, roadside, mobility, sustainability	TBD	2021-2028
221	Caltrans	SR-134 Improvements	Transportation	SR-134 between mile 0 - 13.34	Includes improvements to: mobility, safety, sustainability, roadside, facilities, bridges, pavement	TBD	2021-2029
222	Caltrans	SR-170 Improvements	Transportation	SR-170 between mile 10.7 - 20.55	Includes improvements to: roadside, sustainability, mobility, safety	TBD	2021-2028
223	Caltrans	I-210 Improvements	Transportation	I-210 between mile 0 - 51.9	Includes improvements to: drainage, roadside, bridges, pavement, sustainability, safety, mobility	TBD	2020-2029
224	Caltrans	I-405 Improvements	Transportation	I-405 between mile 0 - 48.5	Includes improvements to: pavement, bridges, roadside, facilities, mobility, sustainability, damage rehabilitation	TBD	2020-2029
225	Caltrans	I-605 Improvements	Transportation	I-605 between mile 9.5 - 26	Includes improvements to: pavement, drainage, safety, roadside, sustainability	TBD	2021-2029
300	Los Angeles County Sanitation Districts (LACSD)	Miscellaneous Sewer Rehabilitation	Water/Sanitation	LA County	Miscellaneous Sewer Rehabilitation	\$11	Through February 2021
301	LA County Sanitation Districts	Joint Water Pollution Control Plant Effluent Outfall Tunnel	Water/Sanitation	Linear project beginning near the intersection of Figueroa St and Lomita in the City of Carson and ending at Royal Palms Beach in the City of LA	Construction of approximately seven miles of 18-foot internal diameter tunnel and appurtenant structures to convey treated wastewater from the Los Angeles County Sanitation District's Joint Water Pollution Control Plant to a connection point with an existing ocean discharge system.	\$630	TBD
302	Los Angeles County Sanitation Districts (LACSD)	District 2 Interceptor Trunk Sewer Rehabilitation	Water/Sanitation	Lat 33.965 Long -118.151 N1810048. E6515447	District 2 Interceptor Trunk Sewer Rehabilitation	\$23	December 2020
303	Los Angeles County Sanitation Districts (LACSD)	Miscellaneous Sewer Rehabilitation	Water/Sanitation	LA County	Miscellaneous Sewer Rehabilitation	\$44	Active
304	Los Angeles County Sanitation Districts (LACSD)	Puente Hills Materials Recovery Facility Recycling Equipment Phase II	Water/Sanitation	13130 Crossroads Parkway South, City of Industry, CA 91746	Puente Hills Materials Recovery Facility Recycling Equipment Phase II	\$16	Active
305	Los Angeles County Sanitation Districts (LACSD)	Puente Hills Intermodal Facility and Railroad Improvements	Water/Sanitation	2500 Pellissier Place, City of Industry, CA 90601	Puente Hills Intermodal Facility and Railroad Improvements	\$79	Active
306	Los Angeles County Sanitation Districts (LACSD)	Miscellaneous Solid Waste Projects	Water/Sanitation	LA County	Miscellaneous Solid Waste Projects	\$15	Active
307	Los Angeles County Sanitation Districts (LACSD)	Long Beach Water Reclamation Plant Concrete and Protective lining Repair - Phase II	Water/Sanitation	7400 E. Willow Street, Long Beach, CA 90815	Long Beach Water Reclamation Plant Concrete and Protective lining Repair - Phase II	\$11	Active
308	Los Angeles County Sanitation Districts (LACSD)	San Jose Creek Water Reclamation Plant Flow Equalization Facilities - Phase I	Water/Sanitation	1965 S. Workman Mill Road, Whittier, CA 90601	San Jose Creek Water Reclamation Plant Flow Equalization Facilities - Phase I	\$41	Active

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309	Los Angeles County Sanitation Districts (LACSD)	San Jose Creek Water Reclamation Plant Power Distribution System Modifications	Water/Sanitation	1965 S. Workman Mill Road, Whittier, CA 90601	San Jose Creek Water Reclamation Plant Power Distribution System Modifications	\$17	Active
310	Los Angeles County Sanitation Districts (LACSD)	Valencia Water Reclamation Plant UV Disinfection Facilities	Water/Sanitation	28185 The Old Road, Valencia, CA 91355	Valencia Water Reclamation Plant UV Disinfection Facilities	\$17	Active
311	Los Angeles County Sanitation Districts (LACSD)	Los Coyotes Water Reclamation Plant Power Distribution System Modifications	Water/Sanitation	16515 Piuma Avenue, Cerritos, CA 90703	Los Coyotes Water Reclamation Plant Power Distribution System Modifications	\$27	Active
312	Los Angeles County Sanitation Districts (LACSD)	Joint Water Pollution Control Plant Secondary Treatment Concrete Repair - Phase II	Water/Sanitation	24501 S. Figueroa Street, Carson, CA 90745	Joint Water Pollution Control Plant Secondary Treatment Concrete Repair - Phase II	\$18	Active
313	Los Angeles County Sanitation Districts (LACSD)	Valencia Water Reclamation Plant Advanced Water Treatment Facility	Water/Sanitation	28185 The Old Road, Valencia, CA 91355	Valencia Water Reclamation Plant Advanced Water Treatment Facility	\$87	Active
314	Los Angeles County Sanitation Districts (LACSD)	Miscellaneous Wastewater Projects	Water/Sanitation	LA County	Miscellaneous Wastewater Projects	\$27	Active
315	Los Angeles County Sanitation Districts (LACSD)	San Jose Creek Water Reclamation Plant East Process Air Compressors Replacement and Biotrickling Filters	Water/Sanitation	1965 S. Workman Mill Road, Whittier, CA 90601	San Jose Creek Water Reclamation Plant East Process Air Compressors Replacement and Biotrickling Filters	\$15	August 2020
316	Los Angeles County Sanitation Districts (LACSD)	Joint Water Pollution Control Plant Replacement of Cryogenic Oxygen Plants 1 & 2	Water/Sanitation	24501 S. Figueroa Street, Carson, CA 90745	Joint Water Pollution Control Plant Replacement of Cryogenic Oxygen Plants 1 & 2	\$40	September 2020
317	Los Angeles County Sanitation Districts (LACSD)	Long Beach Water Reclamation Plant Power Distribution System Modifications	Water/Sanitation	7400 E. Willow Street, Long Beach, CA 90815	Long Beach Water Reclamation Plant Power Distribution System Modifications	\$12	October 2020
318	Los Angeles County Sanitation Districts (LACSD)	Los Coyotes Water Reclamation Plant Primary Structures Concrete and Lining Repairs	Water/Sanitation	16515 Piuma Avenue, Cerritos, CA 90703	Los Coyotes Water Reclamation Plant Primary Structures Concrete and Lining Repairs	\$20	January 2021
319	Los Angeles County Sanitation Districts (LACSD)	Miscellaneous Wastewater Projects	Water/Sanitation	LA County	Miscellaneous Wastewater Projects	\$12	Through February 2021
320	Los Angeles County Sanitation Districts (LACSD)	216th Street Trunk Sewer Phase 2	Water/Sanitation	Lat 33.825 Long -118.286 N1759063 E6474787	216th Street Trunk Sewer Phase 2	\$14	August 2020
350	Southern California Edison	Cerritos Channel Transmission Relocation Project	Utilities	Port of Long Beach	Relocate transmission lines to accommodate larger/taller container ships coming in and out of Cerritos Channel	\$133	2020
351	Southern California Edison	195-Megawatt Clean Resource Procurement in Ventura/Santa Barbara and new Moorpark-Pardee 4th Transmission Circuit*	Utilities	Ventura, Santa Barbara, & LA Counties	Contracts for 195 MW or battery-based energy storage resources to meet local capacity requirements in the Santa Clara sub-area of its electrical system. Construction of a new fourth 230 kV transmission circuit between Moorpark and Pardee Substations	\$45	2020
351	Southern California Edison	Lighthipe 220/66 (S)	Utilities	Long Beach	Replace No.1A Bank 220/66kV with (1) 280 MVA bank. Verify and Upgrade the transformer fan: Circuit Breaker, Panel, and Secondary Cable. Replace Circuit Breakers	\$110	2020-2022
353	Southern California Edison	NBC Universal 66kV Project*	Utilities	Studio City	Subtransmission Line Work and Substation upgrades	TBD	2022
354	Southern California Edison	Substation Physical Security	Utilities	LA County	Perimeter and Technology security improvements to be compliant with NEC CIP-014 Standard	\$21	
400	Metropolitan Water District	Cost Efficiency & Productivity Program	Water/Sanitation	Regional	Includes improvements to: power reliability and energy conservation, information technology system, project controls and reporting system	\$13	2021
401	Metropolitan Water District	Colorado River Aqueduct Reliability Program	Water/Sanitation	Regional	Includes improvements to: Cabazon Radial Gate Facility, White water siphon protection, Colorado River Aqueduct conveyance reliability, electrical/power systems reliability, main pump reliability	\$162	2021
402	Metropolitan Water District	Distribution System Reliability Program	Water/Sanitation	Regional	Includes conveyance and distribution system rehabilitation, reservoir cover replacement, dam rehabilitation and safety improvements, pipeline rehabilitation and replacement	\$163	2021
403	Metropolitan Water District	Minor Capital Projects Program	Water/Sanitation	Regional	includes various individual projects costing less than \$250,000 each	\$14	2021
404	Metropolitan Water District	Prestressed Concrete Cylinder Pipe Rehabilitation	Water/Sanitation	Regional	includes PCCP rehabilitation and replacement, Sepulveda Feeder PCCP rehab, second lower feeder PCCP rehab, Allen-McColloch Pipeline, Calabasas Feeder, and Rialto Pipeline PCCP Rehabilitation	\$138	2021
405	Metropolitan Water District	Right of Way and Infrastructure Protection Program	Water/Sanitation	Regional	address right-of-way issues; prepare environmental documentation and acquire permits to perform needed repairs and allow maintenance activities to proceed without delay; execute repairs; and identify and address security issues throughout MWD's distribution system	\$19	2021
406	Metropolitan Water District	System Flexibility/Supply Reliability Program	Water/Sanitation	Regional	includes Hayfield and Lake Perris Groundwater Recovery, Perris Valley Pipeline, water delivery system improvements, Verbena property acquisition, Delta Wetlands properties	\$17	2021
407	Metropolitan Water District	Weymouth Water Treatment Plant Improvements	Water/Sanitation	La Verne	Upgrades to electrical system, influent conduit, basins and filters	\$24	2021

Project ID	Owner	Project / Contract	Sector	Location	Description	Estimated Construction Cost (millions)	Estimated Contract Award (year)
408	Metropolitan Water District	Jensen Water Treatment Plant Improvements	Water/Sanitation	Sylmar	Improvements to the Jensen Water Treatment Plant	\$12	2021
409	Metropolitan Water District	Second Lower Feeder Reach 3 PCCP Rehabilitation Project	Water/Sanitation		Rehabilitate 3 valve vaults, install 3 new 42-inch conical plug valves, and reline 4.9 miles of existing prestressed concrete cylinder pipe (PCCP) feeder with 75-inch diameter steel pipe liner	\$60	March 2021
410	Metropolitan Water District	Weymouth Filter Building 2 Filter Valve Replacement	Water/Sanitation		This project will replace 126 filter valves and actuators that have been in service for over 57 years and show signs of deterioration.	\$12	January 2021
411	Metropolitan Water District	Direct Potable Reuse Demonstration Facility	Water/Sanitation		This project will install additional treatment systems at MWD's advanced water treatment facility located at the Los Angeles County Sanitation Districts' Joint Water Pollution Control Plant to provide demonstration-scale testing capabilities for potential direct potable reuse applications in the region.	\$158	June 2021 (should final design start in June 2020)
450	Crown Castle	Region-Wide Fiber Deployment Project	Communication	Greater LA Region	Development of region-wide fiber optic networks supporting gigabit-speed internet connectivity and small cell technologies	\$1,000	
500	Southern California Edison	Morrison Ranch Pipeline Replacement	Utilities	Agoura Hills	Project to upgrade the natural gas distribution pipelines in Morrison Ranch, Agoura Hills	TBD	2020
550	Port of Los Angeles	Wilmington Waterfront Promenade	Ports	Port of LA	Promenade at the Wilmington Waterfront	\$43	2020
551	Port of Los Angeles	Pier 300 IM Yard expansion	Ports	Los Angeles	Enlarged intermodal yard for Pier 300	\$40	2024
600	Port of Los Angeles	Berths 167-169 MOTEMS	Ports	Port of LA	Demolition of existing timber wharf and replacing with a new concrete loading platform, access trestle, mooring dolphins and steel catwalks	\$37	2020
601	Port of Los Angeles	Alameda Corridor Southern Terminus Gap Closure	Ports	Port of LA	Add double-track segment between the on-dock rail yards serving the TraPac and West Basin Containers terminals, creating a safer, more direct connection to the Alameda Corridor	\$15	2020
602	Port of Los Angeles	Pier 400 Corridor Storage Tracks	Ports	Port of LA	Extend the existing rail bridge and create five new storage tracks. It will include an access roadway, new crossovers and switches, with modifications to the compressed air system	\$34	2021
603	Port of Los Angeles	Avalon Promenade and Gateway Project	Ports	Port of LA	Construction of pedestrian bridge along Avalon Blvd to provide pedestrian access to future Wilmington Waterfront Promenade	\$24	2020
604	Port of Los Angeles	Berths 226-236 Everport Container	Ports	Port of LA	Increase depths of berths to accommodate larger next generation vessels	\$65	2021
605	Port of Long Beach	Pier B On-Dock Rail Support Facility	Ports	Port of LB	enhance on-dock rail capacity at Port's shipping terminals, speeding the movement of cargo and strengthening the Port's competitiveness	\$870	2022
606	Port of Long Beach	Pier G Expansion	Ports	Long Beach	Enlarge an existing container terminal	\$200	2022
607	Port of Long Beach	Harbor Deepening	Ports	Long Beach	Deepen the channels in conjunction with ACOE	\$200	2024
608	Port of Long Beach	Pier B Railyard	Ports	Long Beach	New railyard to serve Port throughput	\$800	2025
650	Montebello Road Grade Separation Project	Construction of a RR/Roadway grade separation	Public Works	City of Montebello	Construction of a RR/Roadway grade separation	\$122	2020
651	At grade rr crossing improvements	Install safety devices, ped warning gates, and signal improvements	Public Works	Pomona	Install safety devices, ped warning gates, and signal improvements	\$24	2021
700	City of Glendale	Highland Avenue Rehabilitation Project	Public Works	Glendale	Selective removal and reconstruction of concrete curb and gutters, cross gutters, driveway, alley aprons, sidewalks, and deteriorated asphalt and concrete pavement; Adjustment of existing manholes, water valves, water meters, and other utilities; Traffic signal modifications at the intersection of Highland Avenue and San Fernando Road	TBD	2020
701	City of Glendale	San Fernando Road Rehabilitation Project, Phase 3	Public Works	Glendale	Construction of approximately 1,600 linear feet of 8-inch PVC recycled water pipeline to provide convenient locations for recycled water users to fill water tanks prior to heading out to service areas and provide a recycled water source for the clarifier wash-rack used for cleaning the debris holding bins for street sweepers and wastewater combination units; anticipated to provide a total anticipated savings of 2.5 million gallons of potable water per year	TBD	2020
750	Santa Clarita	Annual Overlay and Slurry Seal Program (2022-2030)	Public Works	Citywide	The annual Overlay and Slurry Seal Program reflects the City's commitment to sound pavement management of the roadway infrastructure by overlaying and slurring streets in need of attention. The City estimates we will spend \$10,000,000 annually towards this program.	\$80	2022-23
751	City of Santa Clarita	Lyons Avenue/Dockweiler Drive Extension	Public Works	Newhall	extension of Lyons Avenue from Railroad Avenue southeast to the proposed connection with Dockweiler Drive, to provide a T-intersection at Dockweiler Drive; addition of a new at-grade railroad crossing east of the Railroad Avenue and Lyons Avenue intersection; extension of Dockweiler Drive from the approved extension at The Master's University northwest to connect with the intersection of Arch Street and 12th Street; closure of at-grade railroad crossing at the intersection of 13th Street and Railroad Avenue; modification of the intersection at 13th Street restricting eastbound through movement.	TBD	TBD
752	City of Santa Clarita	Proposed Canyon Country Community Center Phase III	Public Works	Canyon Country	Northeast corner of Soledad Canyon Road and Sierra Highway; Includes off-site street improvements on Soledad Canyon Road, Sierra Highway, Dolan Way and Solamint Road.	TBD	2020
800	City of Pasadena	Orange Grove Pipeline Project	Public Works	Pasadena	water system upgrades along Orange Grove Blvd (Fair Oaks Ave to Palo Verde Ave) to update the current pipes which are over 80 years old, and increase the overall reliability and quality of water service for customers	TBD	2020
801	City of Pasadena	Electric System Conversion	Public Works	Pasadena	Independent of the Underground Program; Overhead wires are undergrounded but utility poles may remain	TBD	
802	City of Pasadena	Sheldon Reservoir Project	Public Works	Pasadena	landscape transformation at the Sheldon Reservoir, including a sidewalk, drought tolerant parkway plantings along Arroyo Blvd., and a newly constructed Community Demonstration Garden along Coniston Rd.	TBD	2020
803	City of Pasadena	Underground Program	Public Works	Pasadena	Underground relocation of overhead utility systems -- including electric cable and telephone communication lines	TBD	

Project ID	Owner	Project / Contract	Sector	Location	Description	Estimated Construction Cost (millions)	Estimated Contract Award (year)
850	City of Los Angeles	Alameda St. Widening from Harry Bridges to Anaheim	Public Works	San Pedro	widening Alameda Street by 17 feet from Harry Bridges Blvd to Anaheim Street and includes new curb & gutter, striping, storm drains, and catch basins	\$19	2020-2021
851	City of Los Angeles	Asilomar Bl Landslide Mitigation (tie-back wall and grading)	Public Works	Pacific Palisades	A new retaining structure, approximately 300 linear feet, and slope remediation will be constructed to stabilize Asilomar Boulevard between Almar Avenue and Wynola Avenue.	\$15	2020-2021
852	City of Los Angeles	Pio Pico Library Pocket Park and Underground Parking Structure	Public Works	Los Angeles	developing a pocket park in the 0.60-acre property, the construction of an underground parking structure with a capacity of at least 50 parking spaces; addition of 70 bicycle racks; modified street parking along 7th Street to accommodate 30 additional parking spaces	\$10	2020-2021
853	City of Los Angeles	NOS Rehab Unit 15 - Petite Ct to Marsh St	Public Works	Atwater Village	rehabilitation of portions of the existing North Outfall Sewer (NOS) from Petite Ct. to Marsh St along private property. These portions of the existing NOS are approximately 4,718 LF; upgrade maintenance holes and siphon structures; construction of new trap maintenance holes	\$25	2020-2021
854	City of Los Angeles	NOS Rehab Unit 29 - Beck Ave to Colfax Ave R/W	Public Works	North Hollywood	rehabilitation of 3,165.14 feet of 57" diameter semi-elliptical concrete City of Los Angeles in the North Outfall Sewer (NOS) from Beck Ave to Chiquita Street to Acama Street to Colfax Avenue; includes cleaning the pipe and slip-lining or lining with cured-in-place pipe liner; upgrade maintenance holes	\$13	2020-2021
855	City of Los Angeles	NOS Rehab Unit 30 - Colfax to Whitsett	Public Works	Studio City	rehabilitation of approximately 5,454 feet of existing sewer consisting of 259 LF of 18" circular pipe, 1302 LF of 39" semi-elliptical pipe, 775 LF of 42" circular pipe, 1345 LF of 48" semi-elliptical pipe, & 1773 LF of 57" semi-elliptical pipe in the North Outfall Sewer (NOS) from Colfax Avenue to Whitsett Avenue along Woodbridge Street; includes cleaning the pipe and slip-lining or lining with cured-in-place pipe liner; upgrade maintenance holes	\$12	2020-2021
856	City of Los Angeles	Venice Auxiliary Pumping Plant	Public Works	Marina del Rey	This project provides for design and construction of the new Venice Auxiliary Pumping Plant (VAPP) next to the Venice Pumping Plant (VPP). The auxiliary facility consists of three wet-pit submersible pumps controlled by variable frequency drives (VFDs), underground wet-well and above ground electrical building, interconnecting sewer/force main pipe network, plus all necessary mechanical, electrical and control systems to provide additional pumping capacity.	\$20	2020-2021
857	City of Los Angeles	Los Angeles River Low Flow Diversions	Public Works	East Area	construction of low flow diversion structures in the Los Angeles River: Palmetto Street (R2-J), Mission Road (R2-G) and 2nd Street & Santa Fe (R2-02). The LFDs will be constructed in order to treat the high levels of bacteria from runoff.	\$13	2020-2021
858	City of Los Angeles	Ballona Creek Water Quality Improvement	Public Works	Culver City	construct a low flow treatment facility for Ballona Creek at the North Outfall Treatment Facility. 29 mgd of dry-weather flow will be pumped to the facility with 23 mgd diverted to HTP via NOS and 6 mgd treated and discharged back to the creek. Project components include: saw-cut diversion channel, hydrodynamic separator units, pumping station, and Ozone disinfection.	\$17	2020-2021
859	City of Los Angeles	LAGWRP- Personnel Building	Public Works	Los Angeles	construct an estimated 15,000 sq ft of two story building for LAG personnel. The additional facility space will provide a permanent office space for HRDD staff, EMD staff, and additional laboratory space for EMD, and sufficient locker room and shower facilities for Operators.	\$27	2020-2021
860	City of Los Angeles	TIWRP- Final Tanks Skimmer System Upgrade	Public Works	San Pedro	Clean final tanks of all materials to make suitable to perform and complete Work; remove and protect existing diffusers for reinstallation and reuse; remove and replace existing skimmer troughs; install new actuated skimmers; remove existing 14-inch butterfly valves; install new fluid level scales (graduated scales), one for each effluent launder; replace existing HPE spray system at each active skimmer row; X-ray and core drilling; install new upsized scum comedown pipe and flushing mechanisms with actuated valve for the active final tanks and connect to existing 8-inch sanitary sewer line; install instrumentation system to monitor and control actuators locally and remotely; coordination with Honeywell to implement Distributed Control Systems (DCS); remove and dispose existing launder covers and install new aluminum launder covers	\$10	2020-2021
861	City of Los Angeles	Glendale-Hyperion Bridge/LA River S-1881-82-83-84	Public Works	Elysian Valley	seismic retrofit and widening of bridges, re-configuration of roadway, installation of bike lanes on Hyperion Avenue, and upgrading of various elements to meet current infrastructure standards. Work also includes re-alignment of I-5 northbound off ramp, construction of a bicycle and pedestrian access ramp between northbound Glendale Boulevard and the LA River Bikeway, and creation of an infiltration basin to protect the water quality of LA River. A pedestrian bridge will be built over the adjacent Red Car piers crossing LA River	\$46	2020-2021
862	City of Los Angeles	LAPD CATS Storage Building	Public Works	Los Angeles	construction of 70,000 sq-ft warehouse for their evidence storage and Commercial Auto Theft	\$23	2020-2021
863	City of Los Angeles	Highland Park Jr. Arts Center (Renovate Bldg)	Public Works	Los Angeles	refurbish, retrofit, and Convert city building to Arts Center	\$15	2020-2021
864	City of Los Angeles	Hollywood Recreation Center - Modern Gym.	Public Works	Hollywood	construct modern gym and pool building	\$16	2020-2021
865	City of Los Angeles	LA River Way - SF Valley Completion (Vanalden to Balboa)	Public Works	Los Angeles	construction of a Class I bike path and greenway along the LA River through Vanalden Ave. to Balboa Blvd including 6 undercrossings through the trapezoidal channel of the LA River	\$41	2020-2021
866	City of Los Angeles	NOS Rehab Unit 10 - 101 Fwy to Cardinal St.	Public Works	East LA	rehabilitation of approximately 5,032 feet of the North Outfall Sewer (NOS) starting at the intersection of 101 Freeway and Mission Road and extending along Union Pacific Railway to 256 feet north of the intersection of Gibbons St and Cardinal St	\$46	2020-2021
867	City of Los Angeles	NOS Rehab Unit 35 - Noble to Cedros	Public Works	Van Nuys	rehabilitation of portions of the existing North Outfall Sewer (NOS) between Burbank Blvd/Sepulveda Blvd and Magnolia Blvd/Cedros Ave.	\$15	2020-2021

Project ID	Owner	Project / Contract	Sector	Location	Description	Estimated Construction Cost (millions)	Estimated Contract Award (year)
868	City of Los Angeles	HWRP- Digester Battery E Improvements	Public Works	Playa Del Rey	upgrade equipment at Battery E digester which includes rehabilitating the digesters by replacing transfer pumps, valves and actuators, mixers, recirculation/mixing piping, and related appurtenances at the affected digesters	\$13	2021-2021
900	Los Angeles Department of Water and Power	Tujunga Centralized Treatment	Water/Sanitation	34.228247, -118.414708	The project proposes to address the groundwater contamination affecting the Tujunga Well Field and restore the beneficial use of the well field. The proposed project entails the construction of a treatment facility to remediate VOC contamination of the groundwater pumped from the Tujunga Well Field.	\$227	Aug-20
901	Los Angeles Department of Water and Power	North Hollywood Centralized Treatment	Water/Sanitation	34.194375, -118.390584	The project proposes to address the groundwater contamination affecting the Rinaldi-Toluca Well Field and restore the beneficial use of the well field. The proposed project entails the construction of a treatment facility to remediate VOC contamination from groundwater pumped from the Rinaldi-Toluca Well Field.	\$201	Aug-20
902	Los Angeles Department of Water and Power	Headworks Flow Control Station	Water/Sanitation	34.153458, -118.317909	A flow control station will be constructed on the Headworks Reservoir site to regulate the flow coming through the new RSC Upper Reach into the reservoirs.	\$19	Aug-20
903	Los Angeles Department of Water and Power	Coronado Trunk Line	Water/Sanitation		Install approximately 7200 feet of 30-inch diameter welded steel pipe to connect First Street Trunk Line (777-ft service zone) to Sunset Trunk line (619-ft service zone). The proposed alignment will primarily be along Robinson, Council, and Coronado Streets; and require a regulator station, relief station, and associated appurtenances. Coronado Trunk Line needs to be in-service before Solano Reservoir Replacement Project begins construction.	\$30	In Construction
904	Los Angeles Department of Water and Power	Groundwater Replenishment Project - Initial Phase	Water/Sanitation	34.182057, -118.479270	The City's Department of Water and Power and the Department of Public Works Bureau of Sanitation have partnered to implement the Los Angeles Groundwater Replenishment (LA GWR) Project, a recycled water surface spreading project aiming to replenish up to 7,000 acre-feet per year of recycled water by 2025. Recycled water produced by the Donald C. Tillman Water Reclamation Plant (Tillman) in Van Nuys will be conveyed to the Hansen Spreading Grounds in Sun Valley, where recycled water will infiltrate to replenish the San Fernando Valley Groundwater Basin. As part of the LA GWR Project, we are preparing to construct an Equalization (EQ) Tank at Tillman. This EQ Tank will increase recycled water supply available for surface spreading application and is one of the major components of the LA GWR Project.	\$75	Sep-20
905	Los Angeles Department of Water and Power	Roscoe Trunk Line Replacement	Water/Sanitation	34.220572, -118.547498	Replace approximately 21,000 feet of existing 34-inch OD HDPE slip-lined pipe with 48-inch diameter pipe along Roscoe Blvd from Mason Ave to Louise Ave, and connect directly to the 1123S2 De Soto TL and the 1134S2 Encino Inlet. Project also includes replacing the existing single leg De Soto & Roscoe RS with two pressure regulating stations at Roscoe Blvd. and Reseda Blvd., and at Roscoe Blvd. and Winnetka Ave., the installation of approximately 18,000 feet of 16-inch pipe, and two relief stations.	\$148	Aug-22
906	Los Angeles Department of Water and Power	Santa Ynez St - MLR	Water/Sanitation	34.074803, -118.263300	The MLR Program focus on the replacement of critical aging water distribution infrastructure. The aim of the program is to increase water reliability and resiliency through our water distribution network.	\$11	Mar-21
907	Los Angeles Department of Water and Power	Hyperion Advance Water Purification Facilities	Water/Sanitation	33.926419, -118.430867	Los Angeles World Airport (LAWA), Los Angeles Sanitary and Environment (LASAN), and LADWP are collaborating to implement advanced water recycling treatment at Hyperion Water Treatment Plant (Hyperion). An advanced water purification facility (AWPF) at Hyperion is expected to produce up to 1,500 AFY of advanced treated recycled water for use at LAX, Scattergood, and other potential customers. This project is for a funding agreement between the three agencies for the design of the AWPF and for a \$22 million estimated for a future funding agreement between LADWP and LASAN for 70% of the estimated construction cost of \$31.5 million .	\$37	Apr-21
908	Los Angeles Department of Water and Power	North Haiwee Dam No. 2	Water/Sanitation		The existing North Haiwee Dam has been determined to be seismically deficient when subjected to strong earthquake shaking. As a result, a new earth-fill embankment dam will be designed and constructed north of the existing North Haiwee Dam for seismic hazard mitigation. The project also includes the design and construction of a new portion of Cactus Flats Road and realignment of the Los Angeles Aqueduct channel.	\$192	May-21
909	Los Angeles Department of Water and Power	North Hollywood & 99th St. Production Wells	Water/Sanitation	34.194375, -118.390584, 33.946910, -118.258204	LADWP Water Operations has requested the replacement of two production wells at the North Hollywood well field and three production wells at the 99th Street well field. The new wells will restore historic capacity at these two locations.	\$22	May-21
910	Los Angeles Department of Water and Power	Sidewalk Replacement	Water/Sanitation	34.058019, -118.249463	DWP must comply with the court mandate to make all its sidewalks ADA-compliant by June 30, 2022. The court ruling requires quarterly updates to track progress. BOE further has its own milestones to track progress and costs by individual Departments. The scope of this project includes evaluating the compliance of sidewalks adjoining roughly 500 WOD facilities with requirements being issued by BOE's Sidewalk Replacement Program and planning, designing, managing and constructing improvements to pedestrian facilities adjoining DWP facilities, as necessary.	\$12	May-21
911	Los Angeles Department of Water and Power	Manhattan Wellfield On-Site Hypochlorite Generation Station	Water/Sanitation	33.982842, -118.310018	The existing chlorination station at Manhattan Wellfield is a gaseous chlorine station with limited capacity. The existing station has two one-ton cylinders which can treat flows up to 22 cfs. We could treat higher flows but it becomes difficult with ton change outs every three days and lower residuals during change outs (max one hour). It would be an easier operation with three one-ton cylinders.	\$13	May-22

Project ID	Owner	Project / Contract	Sector	Location	Description	Estimated Construction Cost (millions)	Estimated Contract Award (year)
912	Los Angeles Department of Water and Power	Century Trunk Line - Unit 2	Water/Sanitation	33.945448, -118.357833	This Trunk Line will replace approximately 8,300 feet of existing 36-inch welded steel pipe of the Stone Canyon Outlet Line located on Century Blvd. from La Cienega Blvd. to Prairie Avenue (located within the City of Inglewood). The new 48-inch trunk line will be approximately 8,300 feet of welded steel pipe located along Arbor Vitae Street from La Cienega Blvd. to Prairie Ave., and will connect to the Century Trunk Line Unit 1 project on the west and Baldwin Outlet Line on the east.	\$45	Jun-21
913	Los Angeles Department of Water and Power	Redmont Pump Station & Tank	Water/Sanitation	34.259833, -118.292576	Replace the existing Redmont Pump Station and Redmont Reservoir with a new dual pump station that will have six electric pumps rated at 1,700 gpm and two internal combustion pumps rated at 3,000 gpm. Four pumps will supply to the 2,086-ft system and the other four will supply to the 1,960-ft system and 454,000 gallon steel tank. Currently, water is pumped to the 2086-ft system and regulated down to the 1960-ft system. The new pump station and tank will be built on the existing Redmont Reservoir and Pump Station site.	\$21	Jun-21
914	Los Angeles Department of Water and Power	Silver Lake Stormwater Capture Project	Water/Sanitation	34.257655, -118.444108	Install storm drain diversions that will capture runoff from the Silver Lake Reservoir Complex (SLRC) and neighborhood adjacent to the Silver Lake Reservoir Complex. The project is estimated to capture up to 159 AFY. The captured stormwater will help alleviate the current 418 AFY potable water demand required to maintain the Silver Lake Reservoir at an acceptable operating level. The project will construct new storm drains around the SLRC to capture tributary runoff. Excess runoff overloading the new storm drain system will flow downstream to the existing storm drain system. The project will provide a new source of water supply for Silver Lake and Ivanhoe Reservoirs.	\$104	Jun-21
915	Los Angeles Department of Water and Power	Metropolitan Water District LA-35 Flowmeter	Water/Sanitation	34.305723, -118.487854	Metropolitan Water District (MWD)'s LA-35 connection is a 144" ultrasonic meter that delivers untreated purchased water to the LA Aqueduct Filtration Plant. Water Resources Division is requesting a secondary flow meter to be installed downstream of the LA-35 connection to ensure accuracy in meter reading and billing.	\$19	Jun-21
916	Los Angeles Department of Water and Power	City Trunk Line North Project - Unit 1	Water/Sanitation	34.153339, -118.315679	City Trunk Line North (CTLN) will replace the existing 1914 riveted steel Los Angeles City Trunk Line (LACTL) with approximately 33,400 feet of 54-inch diameter pipe. The CTLN will be constructed in 2 units. CTLN Unit 1 will install approximately 21,200 feet of 54-inch diameter earthquake resistant ductile iron pipe (ERDIP) from the Van Norman Bypass Reservoir Outlet Line connection in the Van Norman Complex to Terra Bella Street. See duplicate.	\$115	Jul-21
917	Los Angeles Department of Water and Power	LAAFP Oxygen Generation System Upgrade	Water/Sanitation	34.065572, -118.267874	Design and construct a replacement facility for the existing 25 year old Oxygen system at the Los Angeles Filtration Plant. Includes the demolition of the existing cryogenic plant.	\$12	Jul-21
918	Los Angeles Department of Water and Power	Harbor Recycled Water System Potable Backup	Water/Sanitation	34.673817, -118.432062	Plan, design, and construct potable backup for the Harbor Recycled Water System to improve the reliability of recycled water service to Dominguez Gap Barrier, industrial, and irrigation customers in the Harbor service area. Water Replenishment District of Southern California (WRD) is a customer and is contracting out the design and construction services for LADWP.	\$1	Jul-21
919	Los Angeles Department of Water and Power	Bouquet Canyon Reservoir Seismic Improvement	Water/Sanitation	34.577312, -118.385103	Evaluate the stability and potential for erosion of the Auxiliary Spillway. Mitigation procedures, if necessary, will be determined at the conclusion of the evaluation.	\$11	Mar-22
920	Los Angeles Department of Water and Power	Manhattan Wells Operational Improvements	Water/Sanitation	34.220572, -118.547495	Recent improvements to the Manhattan Wellfield include 4 new production wells, installation of a new collector line, a new flush line, and other improvements to enable increased production from this wellfield. This project will provide repairs to the forebay, installation of variable frequency drives on the pump station and well pumps, replacement or repairs to pump station outlet valves, reprogramming of the PLCs, and installation of pressure switches on the distribution side of the pump station.	\$30	Mar-22
921	Los Angeles Department of Water and Power	City Trunk Line North Project - Unit 2	Water/Sanitation	33.982842, -118.310018	Install approximately 11,800 LF of 54-inch Welded Steel Pipe from Terra Bella to CTLN Unit 1 connection along Canterbury Avenue east of Nagle Street. About 1,500 LF will be pipe jacked and 3,120 LF will be slip lined.	\$65	Feb-22
922	Los Angeles Department of Water and Power	Downtown Water Recycling Project	Water/Sanitation	34.577312, -118.385103	Plan, design and construct approximately 10 miles of new 16-inch recycled water pipeline from the terminus of the recycled water pipeline on North Spring Street at Mesnagers Street near the Cornfields Park, to customers located in downtown Los Angeles and the Exposition Park area. Project also requires a reg station to be installed to reduce recycled water line pressures.	\$61	Jan-22
923	Los Angeles Department of Water and Power	Headworks Direct Potable Reuse Project	Water/Sanitation	34.186679, -118.413788	Land acquisition and installation of up to five monitoring wells to characterize nature and extent of groundwater contamination within the 10-year capture zone. Install granular activated carbon vessels and aeration to remove VOCs. Project estimated to cost \$20.8M. 100% WQAF Pass-Thru.	\$20	Oct-21
924	Los Angeles Department of Water and Power	Huntington Drive South - MLR	Water/Sanitation	33.982842, -118.310018	The MLR Program focus on the replacement of critical aging water distribution infrastructure. The aim of the program is to increase water reliability and resiliency through our water distribution network.	\$11	Dec-21
925	Los Angeles Department of Water and Power	Beverly Blvd - MLR	Water/Sanitation	34.292791, -118.414469	The MLR Program focus on the replacement of critical aging water distribution infrastructure. The aim of the program is to increase water reliability and resiliency through our water distribution network.	\$188	Nov-21
926	Los Angeles Department of Water and Power	Elizabeth Tunnel Seismic Enhancement Project	Water/Sanitation	34.220572, -118.547495	Reduce the seismic risk of Elizabeth Tunnel by installing steel tunnel supports and highly ductile carrier pipes at high-risk zones within the tunnel. Approximately 480 feet of steel sets and high-density polyethylene pipe will be installed along the San Andreas Fault zone. Guniting and welded wire mesh will be used to reinforce potential high-risk collapse zones and contact grouting will be performed along the tunnel where needed.	\$35	Nov-21

Project ID	Owner	Project / Contract	Sector	Location	Description	Estimated Construction Cost (millions)	Estimated Contract Award (year)
927	Los Angeles Department of Water and Power	City Trunk Line South - Unit 6	Water/Sanitation	34.180938, -118.366972	This trunk line is the primary source to eastern portion of San Fernando Valley and to Franklin, Hollywood, and Silver Lake service areas. City Trunk Line South-Unit 6 (CTLS-6) is one of 6 units of the City Trunk Line South (CTLS) project, which totals 48,000 feet.	\$20	Nov-21
928	Los Angeles Department of Water and Power	Foothill Trunk Line Replacement	Water/Sanitation	34.090425, -118.164718	Install 16,600 feet of 54-inch welded steel pipe and earthquake resistant ductile iron pipe using the open trench method and pipe jacking to replace existing 24-inch & 36-inch welded riveted steel pipe installed from 1929-1931. TLC-Crew 1A & 2C will be used to install the new trunk line in the open trench portion.	\$104	Dec-21
929	Los Angeles Department of Water and Power	Roscoe Trunk Line - MLR/ERDIP	Water/Sanitation	34.051045, -118.238025	The MLR Program focus on the replacement of critical aging water distribution infrastructure. The aim of the program is to increase water reliability and resiliency through our water distribution network. This project will use Earthquake Resistant Ductile Iron Pipe (ERDIP).	\$16	Dec-21
930	Los Angeles Department of Water and Power	Whitnall Hwy Stormwater Capture	Water/Sanitation	34.257655, -118.444108	Install series of infiltration basins while capturing stormwater from two sources: (1) an upstream stormwater diversion and (2) new catch basins. The captured stormwater will flow through pre-treatment BMPs and discharge into infiltration basins for groundwater replenishment. This project is estimated to provide an average annual water capture benefit up to 270 AFY. This project shall be designed by WETS and constructed by PC&M.	\$12	Dec-21
931	Los Angeles Department of Water and Power	Downtown Water Recycling Project	Water/Sanitation	34.068812, -118.229103	Plan, design and construct approximately 10 miles of new 16-inch recycled water pipeline from the terminus of the recycled water pipeline on North Spring Street at Mesnagers Street near the Cornfields Park, to customers located in downtown Los Angeles and the Exposition Park area. Project also requires a reg station to be installed to reduce recycled water line pressures.	61	2022
932	Los Angeles Department of Water and Power	Van Morman Exploratory Wells Project	Water/Sanitation	34.279933, -118.48295	Install vertical turbine pumps inside two 10" exploratory wells at the Van Norman Complex adjacent to the high-speed channel. Test pump these wells for at least one year to determine the sustainability of the Saugus Formation aquifer. This is a Feasibility Study that will go on for 12 months.	2	2022
933	Los Angeles Department of Water and Power	Earlham St and Lombard Ave - MLR	Water/Sanitation	34.037722, -118.526789	The MLR Program focus on the replacement of critical aging water distribution infrastructure. The aim of the program is to increase water reliability and resiliency through our water distribution network.	0	2020
934	Los Angeles Department of Water and Power	Everett St - MLR	Water/Sanitation	34.068979, -118.24905	The MLR Program focus on the replacement of critical aging water distribution infrastructure. The aim of the program is to increase water reliability and resiliency through our water distribution network.	0.8	2020
935	Los Angeles Department of Water and Power	Tarzana Medical Center Phase 1 - MLR/ERDIP	Water/Sanitation	34.168934, -118.533241	The MLR Program focus on the replacement of critical aging water distribution infrastructure. The aim of the program is to increase water reliability and resiliency through our water distribution network. This project will use Earthquake Resistant Ductile Iron Pipe (ERDIP).	7	2021
936	Los Angeles Department of Water and Power	Olympia Medical Center -MLR	Water/Sanitation	34.057127, -118.360327	The MLR Program focus on the replacement of critical aging water distribution infrastructure. The aim of the program is to increase water reliability and resiliency through our water distribution network.	3	2021
937	LADWP	Strathern Park North Stormwater Capture Project	Water/Sanitation	34.217039, -118.406728	The East Valley Baseball Park Project is located within LADWP's power line easement and East Valley Baseball Park, owned by City of Los Angeles Department of Recreation and Parks. The Project will install a subsurface infiltration gallery, utilizing approximately 2.3 acres of land area for stormwater capture and infiltration. The Project will divert stormwater from a nearby Los Angeles County Flood Control District underground storm drain as well as surface flow. Potentially, runoff from a 485-acre tributary area may yield approximately 294 acre-feet per year of stormwater to be captured and infiltrated.	\$19	2022
938	LADWP	Fernangeles Park Stormwater Capture Project	Water/Sanitation	34.229294, -118.402448	Fernangeles Park is a park owned and operated by the City of Los Angeles's Department of Recreation and Parks. The Project will install underground infiltration galleries to capture and infiltrate stormwater at the park. The Project will divert stormwater from a 292-acre tributary area and has the potential to capture and recharge around 192 acre-feet per year.	\$16	2022
939	LADWP	Valley Plaza Park North Stormwater Capture Project	Water/Sanitation	34.19661, -118.40165	Valley Plaza Park is owned and operated by City of Los Angeles Department of Recreation and Parks. The Project scope features the installation of three subsurface infiltration galleries, utilizing approximately 4.1 acres of land area for stormwater capture and infiltration. The Project will divert stormwater from a 854-acre tributary area and has the potential to capture and infiltrate approximately 457 acre-feet per year. The Project will receive flows from a nearby Los Angeles County Flood Control District underground storm drain.	\$35	2023
940	LADWP	North Hollywood Park Stormwater Capture Project	Water/Sanitation	34.1658, -118.38059	North Hollywood Park is owned and operated by City of Los Angeles Department of Recreation and Parks. The Project scope features the installation of 7 subsurface infiltration galleries, utilizing approximately 11 acres of land area for stormwater storage and infiltration. The Project will divert stormwater from a 2,313 acre tributary area and has the potential to capture and infiltrate approximately 1,176 acre-feet per year. The Project will receive flow from a nearby City underground storm drain, as well as Los Angeles County Flood Control District storm channel (Tujung Wash Central Branch) and underground storm drain.	\$96	2023

Project ID	Owner	Project / Contract	Sector	Location	Description	Estimated Construction Cost (millions)	Estimated Contract Award (year)
941	LADWP	Whitsett Fields Park North Stormwater Capture Project	Water/Sanitation	34.19944, -118.40413	Whitsett Fields Park is a facility used as a sports complex by the Los Angeles Department of Recreation and Parks. The eastern portion of the facility is owned by LADWP with the remainder of the site being owned by Dept. of Recreation and Parks. The Project will install a subsurface infiltration gallery on the northern portions of the park, utilizing 1.6 acre of land area for stormwater capture and infiltration. The Project will divert stormwater from a 78" diameter RCP storm drain near the intersection of Raymer Street and Whitsett Avenue. The Project has the potential to capture runoff from a 302-acre tributary area and infiltrate approximately 98 acre-feet per year.	\$15	2025
942	LADWP	David M Gonzales Stormwater Capture Project	Water/Sanitation	34.268558, -118.413284	David M Gonzales Recreation Center is owned and operated by City of Los Angeles Department of Recreation and Parks. The Project will install a subsurface infiltration gallery, utilizing approximately 3 acres of land area for stormwater capture and infiltration. The Project will divert stormwater from a nearby storm pipe along Pierce Street. Approximately 335 acre-feet per year of runoff from a 575 acre tributary area may be captured and infiltrated into the San Fernando Groundwater Basin.	\$25	2023
1000	Private	Pinnacle 360 Condos/Parking Garage	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Parking Garage; Swimming Pool	\$40	Start
1001	Private	Pearl on Wilshire Mixed Use	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other); Parking Garage	\$50	Construction
1002	Private	Lankershim + Otsego Mixed Use	Housing	NORTH HOLLYWOOD	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Retail (Other); Parking Garage; Athletic Facility	\$50	Construction
1003	Private	11752 Santa Monica Blvd Mixed Use	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other); Parking Garage	\$52	Construction
1004	Private	Essex Hollywood Mixed Use	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Retail (Other); Parking Garage; Swimming Pool; Social Club; Miscellaneous Recreational	\$54	Construction
1005	Private	Alta 5550 Mixed Use	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Regional Shopping Mall; Parking Garage	\$55	Construction
1006	Private	Q East Mixed Use	Housing	CANOGA PARK	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Supermarket/Convenience Store; Retail (Other); Shopping Center/Strip Mall; Parking Garage; Athletic Facility; Swimming Pool	\$60	Start
1007	Private	Evolution Warner Center Transit-Oriented Apartments	Housing	CANOGA PARK	Apartments/Condominiums 4+ Stories; Parking Garage	\$60	Start
1008	Private	Clarendon Apartments/Parking	Housing	WOODLAND HILLS	Apartments/Condominiums 4+ Stories; Parking Garage	\$60	Construction
1009	Private	Wayfarer Apartments/Marina Renovation	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Beach/Marina Facility	\$65	Construction
1010	Private	Jade Enterprises - Onyx Apartments Phase 2	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Retail (Other); Parking Garage	\$70	Construction
1011	Private	11 by Twelve Axis Apartments Mixed Use	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other); Parking Garage	\$70	Construction
1012	Private	Q West Mixed Use	Housing	CANOGA PARK	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Supermarket/Convenience Store; Retail (Other); Shopping Center/Strip Mall; Parking Garage	\$75	Start
1013	Private	Variel Apartments / Mixed Use	Housing	WOODLAND HILLS	Apartments/Condominiums 4+ Stories; Parking Garage	\$75	Construction
1014	Private	Academy Square Mixed Use Tower Phase 2	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Retail (Other)	\$75	Construction
1015	Private	Bunker Hill Tower Apartments - Renovation	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories	\$76	Construction
1016	Private	Palos Verdes Apartments/Mixed Use	Housing	SAN PEDRO	Apartments/Condominiums 4+ Stories; Retail (Other); Parking Garage; Swimming Pool; Miscellaneous Recreational	\$85	Construction
1017	Private	Residential Complex/Mixed Use	Housing	CANOGA PARK	Apartments/Condominiums 4+ Stories; Retail (Other); Parking Garage	\$94	Construction
1018	Private	3525 W 8th Street Mixed Use	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Retail (Other); Swimming Pool	\$95	Construction
1019	Private	La Plaza Cultura Village Mixed Use	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Regional Shopping Mall; Vocational School	\$100	Construction
1020	Private	19525 Nordhoff Street Mixed Use	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Supermarket/Convenience Store; Retail (Other); Shopping Center/Strip Mall; Parking Garage	\$100	Construction
1021	Private	Amp Lofts - 695 Sante Fe Mixed Use	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Retail (Other); Parking Garage; Swimming Pool	\$100	Construction
1022	Private	Selma & Highland Mixed Use	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other)	\$100	Construction
1023	Private	The Rise Hollywood Mixed Use	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Supermarket/Convenience Store; Retail (Other); Shopping Center/Strip Mall; Parking Garage	\$110	Construction

Project ID	Owner	Project / Contract	Sector	Location	Description	Estimated Construction Cost (millions)	Estimated Contract Award (year)
1024	Private	Park Fifth Mixed Use Tower Phase 2	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Retail (Other)	\$115	Construction
1025	Private	Wilshire Curson Residential Tower	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Parking Garage	\$117	Construction
1026	Private	MacFarlane Mixed Use Phase 1	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Retail (Other); Parking Garage	\$120	Construction
1027	Private	Residential/Retail/Office/Parking Garage	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Retail (Other); Parking Garage	\$125	Construction
1028	Private	Forest City/South Park Mixed Use/Apartments	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Retail (Other); Parking Garage; Swimming Pool	\$125	Construction
1029	Private	Atelier Retail/Residential Tower (South Park)	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Supermarket/Convenience Store; Retail (Other); Shopping Center/Strip Mall	\$125	Construction
1030	Private	Wilshire and Crescent Heights Residential Tower	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Retail (Other)	\$126	Construction
1031	Private	Landmark Apartment Tower/Parking Garage	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other); Parking Garage; Swimming Pool	\$143	Construction
1032	Private	Wren South Park Tower Residential/Mixed Use Phase 1	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Retail (Other); Parking Garage	\$144	Construction
1033	Private	AVA Arts District Live/Work Complex	Housing	LOS ANGELES	Apartments/Condominiums 1-3 Stories; Office; Food/Beverage Service; Retail (Other)	\$150	Start
1034	Private	Linea Mixed Use Complex	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other); Shopping Center/Strip Mall; Parking Garage; Athletic Facility; Swimming Pool; Social Club; Miscellaneous Recreational	\$150	Construction
1035	Private	Perla - 4th and Broadway Mixed Use High Rise	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Retail (Other); Parking Garage	\$150	Construction
1036	Private	Apex 2 South Park Apartment Tower - Ninth and Figueroa	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Retail (Other)	\$150	Construction
1037	Private	The Variel Senior Living Apartments	Housing	WOODLAND HILLS	Apartments/Condominiums 4+ Stories; Elderly/Assisted Living; Parking Garage	\$150	Construction
1038	Private	West Edge (formerly Martin Expo Town Center) Mixed Use	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Supermarket/Convenience Store; Retail (Other); Parking Garage	\$166	Construction
1039	Private	JMB Century City High Rise Tower 1	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Parking Garage; Park/Playground; Landscaping	\$185	Construction
1040	Private	South Block/El Centro on Hollywood Mixed Use	Housing	Hollywood	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other); Parking Garage; Swimming Pool	\$200	Construction
1041	Private	Figueroa Centre Mixed Use Hotel/Condo Tower	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Retail (Other); Parking Garage; Swimming Pool; Miscellaneous Recreational; Hotel/Motel	\$200	Start
1042	Private	NoHo West Phase 2 - Apartments	Housing	NORTH HOLLYWOOD	Apartments/Condominiums 4+ Stories; Parking Garage	\$200	Construction
1043	Private	Hope + Flower Residential/Mixed-Use	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Retail (Other); Parking Garage	\$212	Construction
1044	Private	Grand Hope Lofts Apartments	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Retail (Other)	\$240	Construction
1045	Private	AVA Hollywood Mixed-Use	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Retail (Other); Parking Garage	\$242	Construction
1046	Private	Ferrante - 1000 Temple Mixed Use	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other); Parking Garage	\$255	Construction
1047	Private	2900 Wilshire Blvd Apartments/Parking	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other); Parking Garage	\$300	Construction
1048	Private	Onni 825 Hill Mixed Use	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Retail (Other); Parking Garage	\$300	Construction
1049	Private	Spring Street Towers	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Retail (Other); Parking Garage; Swimming Pool	\$305	Construction
1050	Private	Circa Mixed Use Towers	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Regional Shopping Mall; Parking Garage	\$357	Construction
1051	Private	1120 S Grand/Aven Mixed Use Building - South Park Phase 2	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Retail (Other); Parking Garage	\$375	Construction
1052	Private	Fig Central Mixed Use - Oceanwide Plaza	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Retail (Other); Parking Garage; Hotel/Motel	\$405	Construction
1053	Private	Cumulus Apartments/Retail/Parking	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other); Parking Garage	\$410	Construction

Project ID	Owner	Project / Contract	Sector	Location	Description	Estimated Construction Cost (millions)	Estimated Contract Award (year)
1054	Private	Brookfield Mixed Use/Residential Tower	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Supermarket/Convenience Store; Retail (Other); Shopping Center/Strip Mall; Park/Playground	\$515	Construction
1055	Private	Metropolis Residential Towers/Retail/Parking Phase 2	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Retail (Other); Parking Garage	\$550	Construction
1056	Private	Century Plaza Mixed Use Redevelopment	Housing	CENTURY CITY	Apartments/Condominiums 4+ Stories; Retail (Other); Parking Garage; Hotel/Motel	\$600	Construction
1057	Private	Grand Avenue Hotel/Condo/Apartments/Retail	Housing	Los Angeles	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other); Parking Garage; Theater/Auditorium; Swimming Pool; Miscellaneous Recreational; Hotel/Motel; Park/Playground	\$950	Start
1058	Private	The South Village at Claremont	Housing	CLAREMONT	Apartments/Condominiums 1-3 Stories; Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Retail (Other)	\$50	Pre-Design
1059	Private	Fairview Heights Apartments	Housing	INGLEWOOD	Apartments/Condominiums 4+ Stories	\$50	Planning Schematics
1060	Private	Ocean Avenue Project MASTER REPORT	Housing	SANTA MONICA	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Parking Garage; Museum; Hotel/Motel	\$50	Planning Schematics
1061	Private	Burbank Town Center Areas 4 and 8 Mixed Use PHASE 1	Housing	BURBANK	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Retail (Other); Parking Garage; Athletic Facility; Swimming Pool	\$50	Planning Schematics
1062	Private	Las Flores Affordable Apartment Building	Housing	SANTA MONICA	Apartments/Condominiums 1-3 Stories	\$52	Planning Schematics
1063	Private	Juniper Grove Affordable Apartments	Housing	PALMDALE	Apartments/Condominiums 1-3 Stories	\$60	Planning Schematics
1064	Private	TCC 3200 E Foothill	Housing	PASADENA	Apartments/Condominiums 1-3 Stories; Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other); Parking Garage	\$60	Planning Schematics
1065	Private	The Arroyo at Monrovia Station Mixed Use Apartments	Housing	MONROVIA	Apartments/Condominiums 4+ Stories; Retail (Other); Parking Garage	\$60	Planning Schematics
1066	Private	Villages of Alhambra South Plan Area Residential	Housing	ALHAMBRA	Apartments/Condominiums 4+ Stories	\$70	Planning Schematics
1067	Private	Rubio Village Mixed Use Development	Housing	SAN GABRIEL	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other); Parking Garage; Swimming Pool; Social Club	\$70	Design Development
1068	Private	Plaza at Santa Monica Mixed Use Development	Housing	SANTA MONICA	Apartments/Condominiums 4+ Stories; Office; Supermarket/Convenience Store; Shopping Center/Strip Mall; Parking Garage; Hotel/Motel	\$70	Planning Schematics
1069	Private	Mixed Use Development	Housing	WEST HOLLYWOOD	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other); Parking Garage; Athletic Facility; Swimming Pool; Hotel/Motel	\$75	Planning Schematics
1070	Private	Paseo Marina Mixed Use	Housing	MARINA DEL REY	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Retail (Other); Shopping Center/Strip Mall; Athletic Facility; Swimming Pool; Miscellaneous Recreational	\$75	Planning Schematics
1071	Private	West Carson Villas Affordable Apartments	Housing	TORRANCE	Apartments/Condominiums 4+ Stories	\$76	Planning Schematics
1072	Private	Smoky Hollow Specific Plan Mixed Use MASTER REPORT	Housing	EL SEGUNDO	Apartments/Condominiums 1-3 Stories; Apartments/Condominiums 4+ Stories; Office; Shopping Center/Strip Mall; Parking Garage; Warehouse; Capitol/ Courthouse/City Hall; Fire/Police Station; Hotel/Motel	\$80	Pre-Design
1073	Private	West Pomona Transit District Mixed Use Apartments	Housing	MONROVIA	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other); Parking Garage	\$80	Planning Schematics
1074	Private	Trammell Crow Alexan	Housing	MONROVIA	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Retail (Other); Parking Garage; Warehouse; Athletic Facility; Swimming Pool	\$80	Planning Schematics
1075	Private	High Rise Hotel	Housing	LONG BEACH	Apartments/Condominiums 4+ Stories; Office; Swimming Pool; Beach/Marina Facility; Hotel/Motel	\$80	Design Development
1076	Private	Terracina at Lancaster Affordable Apartments	Housing	LANCASTER	Apartments/Condominiums 4+ Stories	\$81	Planning Schematics
1077	Private	LaTerra Select Burbank	Housing	BURBANK	Apartments/Condominiums 4+ Stories; Hotel/Motel	\$85	Pre-Design
1078	Private	Medical Main Street Mixed Use MASTER REPORT	Housing	LANCASTER	Apartments/Condominiums 1-3 Stories; Apartments/Condominiums 4+ Stories; Elderly/Assisted Living; Office; Food/Beverage Service; Retail (Other); Shopping Center/Strip Mall; Hospital; Clinic/Medical Office; Hotel/Motel	\$90	Pre-Design
1079	Private	Miramar Santa Monica Hotel Redevelopment	Housing	SANTA MONICA	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other); Parking Garage; Convention & Exhibit Center; Athletic Facility; Hotel/Motel	\$90	Planning Schematics
1080	Private	Marina Marketplace/Paseo Marina Mixed Use	Housing	MARINA DEL REY	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other); Shopping Center/Strip Mall; Parking Garage	\$90	Pre-Design
1081	Private	The Villages at Alhambra North Plan Area	Housing	ALHAMBRA	Apartments/Condominiums 4+ Stories; Parking Garage	\$100	Planning Schematics
1082	Private	Hollywood Park Mixed Use Revitalization MASTER REPORT	Housing	Inglewood	Apartments/Condominiums 1-3 Stories; Office; Food/Beverage Service; Supermarket/Convenience Store; Shopping Center/Strip Mall; Casino; Theater/Auditorium; Hotel/Motel; Park/Playground; Site Development	\$100	Construction Documents

Project ID	Owner	Project / Contract	Sector	Location	Description	Estimated Construction Cost (millions)	Estimated Contract Award (year)
1083	Private	Burbank Town Center Area 1 Apartments/Mixed Use Phase 4	Housing	BURBANK	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Retail (Other); Parking Garage; Athletic Facility; Swimming Pool	\$100	Planning Schematics
1084	Private	Vista Canyon Ranch Apartments	Housing	SANTA CLARITA	Apartments/Condominiums 4+ Stories	\$80	Construction underway
1085	Private	AMLI MDR Apartments/Mixed Use	Housing	MARINA DEL REY	Apartments/Condominiums 4+ Stories; Elderly/Assisted Living; Retail (Other); Parking Garage	\$165	Construction approaching completion
1086	Private	EDITION Hotel & Condominiums	Housing	WEST HOLLYWOOD	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Parking Garage; Swimming Pool; Hotel/Motel	\$135	Construction well underway - Target completion late 2018
1087	Private	Union South Bay Mixed Use	Housing	CARSON	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other); Parking Garage	\$150	Construction continues - Target completion 2019
1088	Private	W Walnut Mixed Use Building	Housing	PASADENA	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other); Parking Garage	\$100	Construction continues - Updated cost, address and project team - Target completion late 2017
1089	Private	Sunset Time/Pendry Hotel & Residences	Housing	West Hollywood	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other); Parking Garage; Swimming Pool; Hotel/Motel	\$60	Construction continues - Target completion 2019
1090	Private	AMLI Lincoln	Housing	PASADENA	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Retail (Other); Parking Garage	\$187	Construction starting
1091	Private	The Lincoln Collection Mixed Use	Housing	SANTA MONICA	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Retail (Other); Parking Garage; Athletic Facility; Swimming Pool; Miscellaneous Recreational	\$150	Correcting project team - Groundbreaking held - Construction to commence shortly - Target completion 2020
1092	Private	Neptune-Marina Apartments/Parking	Housing	Marina Del Rey	Apartments/Condominiums 4+ Stories; Parking Garage	\$150	Construction in progress
1093	Private	Jefferson on Imperial Apartments	Housing	SOUTH GATE	Apartments/Condominiums 4+ Stories; Parking Garage	\$80	Construction underway on parking garage - Completion in 2021
1094	Private	Butcher-Solana Residences	Housing	TORRANCE	Apartments/Condominiums 4+ Stories; Parking Garage; Athletic Facility; Miscellaneous Recreational	\$60	Construction underway - Target completion 2021
1095	Private	Ivy Station Residential & Hotel Buildings	Housing	CULVER CITY	Apartments/Condominiums 4+ Stories; Parking Garage; Hotel/Motel	\$150	Construction continues - Target completion 2019
1096	Private	Pacific-Pine Apartments/Parking	Housing	LONG BEACH	Apartments/Condominiums 4+ Stories; Retail (Other); Parking Garage	\$80	Ground broken January 2019 - Completion early 2021

Project ID	Owner	Project / Contract	Sector	Location	Description	Estimated Construction Cost (millions)	Estimated Contract Award (year)
1097	Private	Shoreline Gateway - The Current Residential Tower Phase 2	Housing	Long Beach	Apartments/Condominiums 4+ Stories; Retail (Other); Parking Garage	\$150	Ground broken - Construction start targeted within 30-60 days - Completion late 2021
1098	Private	Plaza Mexico Mixed Use / Parking Garage	Housing	LYNWOOD	Apartments/Condominiums 4+ Stories; Retail (Other); Parking Garage	\$95	Framing updated via source confirmation - Target completion Undetermined
1099	Private	Avalon West Hollywood Apartments/Mixed Use	Housing	WEST HOLLYWOOD	Apartments/Condominiums 4+ Stories; Retail (Other); Parking Garage	\$75	Construction complete
1100	Private	Beacon Senior Apartments	Housing	LONG BEACH	Apartments/Condominiums 4+ Stories; Social Club	\$80	Construction to commence shortly
1101	Private	Wilshire Blvd Apartments	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories	\$30	Pre-Design
1102	Private	Hollywood Blvd Apartments	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories	\$30	Pre-Design
1103	Private	8th and Hope Residential Tower	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Retail (Other); Vehicle Sales/Service	\$50	Pre-Design
1104	Private	Mail Order District - Number 12 Mixed Use Apartments/Retail	Housing	LOS ANGELES	Apartments/Condominiums 1-3 Stories; Apartments/Condominiums 4+ Stories; Food/Beverage Service; Shopping Center/Strip Mall; Regional Shopping Mall; Parking Garage	\$50	Planning Schematics
1105	Private	Mail Order District - Rio Vista Mixed Use Lofts/Retail	Housing	LOS ANGELES	Apartments/Condominiums 1-3 Stories; Apartments/Condominiums 4+ Stories; Food/Beverage Service; Shopping Center/Strip Mall; Regional Shopping Mall; Parking Garage	\$50	Planning Schematics
1106	Private	Casitas Lofts Apartments/Parking Garage	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Retail (Other); Parking Garage	\$50	Planning Schematics
1107	Private	520 S Mateo Arts District Mixed Use Live/Work Complex	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Retail (Other); Parking Garage	\$50	Planning Schematics
1108	Private	The Fedora Apartments/Parking Garage	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Parking Garage; Athletic Facility	\$50	Construction Documents
1109	Private	Palo Verde St Apartments	Housing	SAN PEDRO	Apartments/Condominiums 4+ Stories	\$50	Planning Schematics
1110	Private	Sun Commons Affordable Housing	Housing	NORTH HOLLYWOOD	Apartments/Condominiums 4+ Stories; Parking Garage	\$53	Planning Schematics
1111	Private	Mixed Use Building	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories	\$55	Pre-Design
1112	Private	La Prensa Libre Affordable Apartments	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Parking Garage	\$55	Planning Schematics
1113	Private	La Veranda Apartments/Retail	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other)	\$56	Planning Schematics
1114	Private	Apartment Building	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office	\$58	Pre-Design
1115	Private	Apartment Complex	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Supermarket/Convenience Store; Retail (Other); Parking Garage	\$60	Pre-Design
1116	Private	Apartments	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories	\$60	Pre-Design
1117	Private	11th and Main Mixed Use	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other)	\$60	Planning Schematics
1118	Private	2118 E 7th Place Mixed Use	Housing	LOS ANGELES	Apartments/Condominiums 1-3 Stories; Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Retail (Other)	\$60	Planning Schematics
1119	Private	676 S Mateo Live/Work Complex	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Retail (Other); Parking Garage	\$60	Planning Schematics
1120	Private	Westwood VA Buildings 206, 207, 210, 256 & 257 Renovation	Housing	LOS ANGELES	Apartments/Condominiums 1-3 Stories; Apartments/Condominiums 4+ Stories	\$60	Construction Documents
1121	Private	1111 W Sunset Tower B	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories	\$65	Planning Schematics

Project ID	Owner	Project / Contract	Sector	Location	Description	Estimated Construction Cost (millions)	Estimated Contract Award (year)
1122	Private	Lake on Wilshire - Apartment Tower/Hotel Complex	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other); Miscellaneous Education Building; Theater/Auditorium; Miscellaneous Recreational; Hotel/Motel	\$65	Planning Schematics
1123	Private	Mixed Use Building	Housing	SAN PEDRO	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other); Parking Garage	\$65	Pre-Design
1124	Private	Apartment Tower	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Retail (Other); Parking Garage	\$68	Planning Schematics
1125	Private	Enlightenment Plaza Affordable Apartments PHASE 2	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories	\$70	Planning Schematics
1126	Private	Westwood VA Bldgs 156, 157, 158 & New Supportive Housing	Housing	LOS ANGELES	Apartments/Condominiums 1-3 Stories; Apartments/Condominiums 4+ Stories	\$70	Construction Documents
1127	Private	Tribune Tower	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Retail (Other)	\$75	Planning Schematics
1128	Private	Central Plaza Mixed Use Buildings	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other); Parking Garage	\$75	Planning Schematics
1129	Private	Central Plaza Mixed Use Building PHASE 2	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other); Parking Garage	\$75	Planning Schematics
1130	Private	Wilshire Gate Mixed Use Tower	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Retail (Other); Shopping Center/Strip Mall; Parking Garage; Hotel/Motel	\$75	Planning Schematics
1131	Private	Morrison Hotel Renovation & New Tower	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Hotel/Motel	\$75	Planning Schematics
1132	Private	Apartment Building	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Retail (Other); Parking Garage	\$75	Planning Schematics
1133	Private	Wilshire Galleria Mixed Use Apartments PHASE 2	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other); Parking Garage	\$75	Planning Schematics
1134	Private	Vara/Grand Residences - 1233 South Grand Mixed Use	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Regional Shopping Mall; Parking Garage	\$75	Planning Schematics
1135	Private	Sunset & Western Mixed Use Development	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Supermarket/Convenience Store; Retail (Other); Shopping Center/Strip Mall	\$75	Planning Schematics
1136	Private	Deluxe La Terra Apartments/Retail/Parking	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Retail (Other); Parking Garage	\$75	Planning Schematics
1137	Private	Variel Avenue/Woodland Hills Mixed Use (Master Report)	Housing	WOODLAND HILLS	Apartments/Condominiums 4+ Stories; Office	\$75	Design Development
1138	Private	Apartments	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories	\$80	Pre-Design
1139	Private	4th and Figueroa/World Trade Center Tower	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other); Parking Garage	\$80	Planning Schematics
1140	Private	Olympic Tower	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Regional Shopping Mall; Parking Garage; Swimming Pool; Miscellaneous Recreational; Hotel/Motel	\$80	Planning Schematics
1141	Private	Southern California Flower Market North Building	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Retail (Other); Parking Garage	\$80	Planning Schematics
1142	Private	Lifan Mixed Use Tower	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Retail (Other); Parking Garage	\$80	Planning Schematics
1143	Private	JMB Century City High Rise Tower 2	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories	\$80	Planning Schematics
1144	Private	Il Villagio Toscano Mixed Use Development	Housing	SHERMAN OAKS	Apartments/Condominiums 1-3 Stories; Office; Food/Beverage Service; Retail (Other)	\$80	Planning Schematics
1145	Private	21001 W Kittridge Street Apartments	Housing	WOODLAND HILLS	Apartments/Condominiums 4+ Stories; Athletic Facility; Swimming Pool; Miscellaneous Recreational	\$80	Planning Schematics
1146	Private	Hollywood Arts Collective Affordable Housing	Housing	LOS ANGELES	Apartments/Condominiums 1-3 Stories; Food/Beverage Service; Retail (Other); Parking Garage	\$81	Design Development
1147	Private	Mixed Use Building	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Parking Garage	\$85	Pre-Design
1148	Private	JMF Tower/Fifth and Hill Mixed Use	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Retail (Other); Hotel/Motel	\$85	Planning Schematics
1149	Private	Mixed Use Building	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Retail (Other); Parking Garage; Athletic Facility; Swimming Pool	\$85	Planning Schematics
1150	Private	Mixed Use Building	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Retail (Other); Parking Garage	\$90	Pre-Design
1151	Private	12th and Olive - 60 Story South Park Phase 3 Mixed Use Tower	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Retail (Other)	\$90	Planning Schematics

Project ID	Owner	Project / Contract	Sector	Location	Description	Estimated Construction Cost (millions)	Estimated Contract Award (year)
1152	Private	Southern California Flower Market South Building	Housing	LOS ANGELES	Apartments/Condominiums 1-3 Stories; Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Retail (Other)	\$90	Planning Schematics
1153	Private	Westwood VA 440 Units Supportive Housing	Housing	LOS ANGELES	Apartments/Condominiums 1-3 Stories; Apartments/Condominiums 4+ Stories	\$90	Construction Documents
1154	Private	Mixed Use Development	Housing	NORTH HOLLYWOOD	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other)	\$90	Pre-Design
1155	Private	Mixed Use Building	Housing	WOODLAND HILLS	Apartments/Condominiums 4+ Stories; Office; Parking Garage	\$90	Planning Schematics
1156	Private	3600 W Wilshire Blvd Mixed Use Towers	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Retail (Other); Parking Garage	\$100	Pre-Design
1157	Private	LA Civic Center Part B - City Hall South	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Retail (Other); Shopping Center/Strip Mall; Capitol/ Courthouse/City Hall; Communication Building	\$100	Pre-Design
1158	Private	Park 101 MASTER REPORT	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Regional Shopping Mall; Hotel/Motel	\$100	Pre-Design
1159	Private	Catalina Tower Residential Building/Parking Garage	Housing	Los Angeles	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other); Parking Garage	\$100	Planning Schematics
1160	Private	Hyperloop Campus/Mixed Use Live/Work Units - Office - Retail	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Retail (Other); Shopping Center/Strip Mall; Parking Garage	\$100	Planning Schematics
1161	Private	7th & Maple Residences	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Retail (Other); Parking Garage	\$100	Planning Schematics
1162	Private	City West - Jade Enterprises Sapphire Mixed Use	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other); Parking Garage	\$100	Planning Schematics
1163	Private	Mixed Use Development	Housing	LOS ANGELES	Apartments/Condominiums 1-3 Stories; Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other); Parking Garage; Swimming Pool; Miscellaneous Recreational	\$100	Planning Schematics
1164	Private	Hollywood Center - West Site Phase 2	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Elderly/Assisted Living; Food/Beverage Service; Retail (Other)	\$100	Planning Schematics
1165	Private	Hollywood Center - East Site Phase 1	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other); Hotel/Motel	\$100	Planning Schematics
1166	Private	Arris/South Park Mixed Use Tower	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other); Parking Garage	\$100	Planning Schematics
1167	Private	Crossroads Hollywood Parcel B - Condos & Retail	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Regional Shopping Mall; Parking Garage; Hotel/Motel	\$100	Planning Schematics
1168	Private	Hannam Place Mixed Use Complex	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other); Parking Garage	\$100	Planning Schematics
1169	Private	Mail Order District Phase 1 - Sears Building	Housing	LOS ANGELES	Apartments/Condominiums 1-3 Stories; Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Theater/Auditorium; Athletic Facility; Miscellaneous Recreational	\$100	Planning Schematics
1170	Private	South Park Grand Avenue Mixed Use	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other)	\$100	Planning Schematics
1171	Private	Times Mirror Square Redevelopment	Housing	LOS ANGELES	Apartments/Condominiums 1-3 Stories; Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Retail (Other)	\$100	Planning Schematics
1172	Private	2117 Violet Street Mixed Use	Housing	LOS ANGELES	Apartments/Condominiums 1-3 Stories; Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Supermarket/Convenience Store; Retail (Other); Shopping Center/Strip Mall; Parking Garage; Warehouse; Theater/Auditorium; Athletic Facility; Swimming Pool; Miscellaneous Recreational	\$100	Planning Schematics
1173	Private	Wilshire Gayley Apartment Tower	Housing	WESTWOOD	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Retail (Other); Parking Garage; Athletic Facility; Swimming Pool	\$100	Planning Schematics
1174	Private	Warner Center Corporate Park Offices	Housing	WOODLAND HILLS	Apartments/Condominiums 4+ Stories; Office; Hotel/Motel	\$100	Planning Schematics
1175	Private	Apartment Tower	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Retail (Other)	\$125	Planning Schematics
1176	Private	The Hill Mixed Use	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other)	\$130	Planning Schematics
1177	Private	Alexan Residential/Retail Tower	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Regional Shopping Mall; Parking Garage; Swimming Pool	\$140	Planning Schematics
1178	Private	ICON Panorama City Mixed Use	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Supermarket/Convenience Store; Retail (Other)	\$150	Planning Schematics
1179	Private	Westfield Promenade 2035 Mixed Use MASTER REPORT	Housing	WOODLAND HILLS	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Supermarket/Convenience Store; Retail (Other); Shopping Center/Strip Mall; Athletic Facility; Miscellaneous Recreational; Hotel/Motel; Park/Playground	\$150	Planning Schematics
1180	Private	Warner Center Residential and Live/Work Units	Housing	WOODLAND HILLS	Apartments/Condominiums 1-3 Stories; Apartments/Condominiums 4+ Stories; Office	\$150	Planning Schematics

Project ID	Owner	Project / Contract	Sector	Location	Description	Estimated Construction Cost (millions)	Estimated Contract Award (year)
1181	Private	Olympia High Rise Complex MASTER REPORT	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other); Parking Garage	\$170	Planning Schematics
1182	Private	Beacon Tower - Fourth and Hill Mixed Use	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Retail (Other); Parking Garage	\$178	Planning Schematics
1183	Private	6220 Yucca Mixed Use Hotel/Residential	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other); Parking Garage; Athletic Facility; Swimming Pool; Miscellaneous Recreational; Hotel/Motel	\$180	Planning Schematics
1184	Private	South Park Towers	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other); Shopping Center/Strip Mall; Parking Garage; Hotel/Motel	\$200	Planning Schematics
1185	Private	College Station Mixed Use Development	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Supermarket/Convenience Store; Retail (Other); Parking Garage; Park/Playground; Landscaping	\$200	Planning Schematics
1186	Private	LA Grand Hotel - Addition/Conversion to Apartments	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Retail (Other); Shopping Center/Strip Mall; Hotel/Motel	\$200	Planning Schematics
1187	Private	8th and Figueroa Mixed Use High Rise Tower	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Retail (Other); Parking Garage	\$200	Construction Documents
1188	Private	670 Mesquit Mixed Use	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Supermarket/Convenience Store; Retail (Other); Regional Shopping Mall	\$220	Planning Schematics
1189	Private	LA Civic Center - Part D - 911 Center and 1st Street Parking	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Retail (Other); Shopping Center/Strip Mall; Regional Shopping Mall; Parking Garage; Capitol/ Courthouse/City Hall; Communication Building; Park/Playground	\$250	Pre-Design
1190	Private	Olympic + Hill Mixed Use Tower	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Retail (Other); Parking Garage; Athletic Facility; Swimming Pool	\$250	Design Development
1191	Private	8150 Sunset Boulevard Mixed Use	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other); Parking Garage	\$300	Planning Schematics
1192	Private	11th & Olive Apartment Tower	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other); Parking Garage	\$300	Planning Schematics
1193	Private	5601 Santa Monica Mixed Use	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other); Shopping Center/Strip Mall; Parking Garage; Park/Playground	\$300	Planning Schematics
1194	Private	The Fig - Urban Mixed Use Development	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Retail (Other); Parking Garage; Hotel/Motel	\$300	Design Development
1195	Private	Metropolis Mixed Use Tower III	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Retail (Other); Parking Garage	\$310	Planning Schematics
1196	Private	Crescent Heights Palladium Residences	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Food/Beverage Service; Regional Shopping Mall; Parking Garage	\$325	Planning Schematics
1197	Private	Luxe Hotel Complex Redevelopment Phase 1	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Retail (Other)	\$350	Planning Schematics
1198	Private	Luxe Hotel Complex Redevelopment Phase 2	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Retail (Other)	\$350	Planning Schematics
1199	Private	Art Deco Residential Tower	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories	\$400	Pre-Design
1200	Private	City Market of Los Angeles Mixed Use MASTER REPORT	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Supermarket/Convenience Store; Shopping Center/Strip Mall; Parking Garage; Vocational School; Theater/Auditorium; Hotel/Motel	\$425	Design Development
1201	Private	11th and Hill Condo Tower	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Parking Garage; Hotel/Motel	\$500	Planning Schematics
1202	Private	1111 W Sunset Mixed Use MASTER REPORT	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Retail (Other); Shopping Center/Strip Mall; Parking Garage; Miscellaneous Recreational; Hotel/Motel	\$600	Planning Schematics
1203	Private	Watts Urban Village/Jordan Downs Mixed Use MASTER REPORT	Housing	WATTS	Apartments/Condominiums 1-3 Stories; Apartments/Condominiums 4+ Stories; Miscellaneous Recreational	\$700	Design Development
1204	Private	Little Tokyo Galleria Mixed Use Redevelopment	Housing	LOS ANGELES	Apartments/Condominiums 1-3 Stories; Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Supermarket/Convenience Store; Retail (Other); Shopping Center/Strip Mall	\$1,000	Planning Schematics
1205	Private	Angel's Landing Mixed Use Towers/Complex	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Shopping Center/Strip Mall; Primary School; Miscellaneous Education Building; Miscellaneous Recreational; Hotel/Motel; Park/Playground	\$1,200	Planning Schematics
1206	Private	Suncal 6AM at 6th & Alameda Mixed Use MASTER REPORT	Housing	LOS ANGELES	Apartments/Condominiums 4+ Stories; Office; Food/Beverage Service; Retail (Other); Miscellaneous Education Building; Museum; Social Club; Miscellaneous Recreational; Hotel/Motel	\$2,000	Planning Schematics
1207	Private	Unincorporated Building Commercial	Housing	13344 S Main Street	New	\$13	Pending
1208	Private	Unincorporated Building Commercial	Housing	12021 Wilmington Avenue	Addition/Alteration/TI	\$185	Pending
1209	Private	Unincorporated Building Multifamily	Housing	11609 S Western Avenue	New	\$15	Pending
1210	Private	Unincorporated Building General	Housing	4111 Whittier Boulevard	Demolition	\$13	Pending
1211	Private	Unincorporated Building Hotel/Motel	Housing	18839 Gale Avenue	New	\$32	Pending
1212	Private	Unincorporated Building Mixed Use	Housing	3768 E Colorado Boulevard	New	\$18	Pending

Project ID	Owner	Project / Contract	Sector	Location	Description	Estimated Construction Cost (millions)	Estimated Contract Award (year)
1213	Private	Unincorporated Building Mixed Use	Housing	4064 E Live Oak Avenue	New	\$18	Pending
1214	Private	Unincorporated Building Residential	Housing	433 S Vermont Avenue	New	\$11	Pending
1215	Private	Unincorporated Building Grading	Housing	1000 W Carson Street	Grading	\$20	Pending
1216	Private	Unincorporated Mechanical	Housing	13344 S Main Street	Complex	\$13	Pending
1217	Private	Unincorporated Electrical	Housing	1743 W Imperial Highway	Simple	\$13	1/29/2019
1218	Private	Unincorporated Building Commercial	Housing	601 W Temple Street	New	\$22	Pending
1219	Private	Unincorporated Building Commercial	Housing	18800 Railroad Street	New	\$21	Pending
1220	Private	Unincorporated Building Commercial	Housing	1326 W Imperial Highway	New	\$12	Pending
1221	Private	Unincorporated Building Commercial	Housing	1209 W 223rd Street	New	\$20	Pending
1222	Private	Unincorporated Building Commercial	Housing	8400 S Vermont Avenue	New	\$62	Pending
1223	Private	Unincorporated Building Commercial	Housing	5905 W Wilshire Boulevard	New	\$350	Pending
1224	Private	Unincorporated Building Commercial	Housing	1741 E 120th Street	New	\$18	Pending
1225	Private	Unincorporated Building Commercial	Housing	5905 W Wilshire Boulevard	New	\$40	Pending
1226	Private	Unincorporated Building Commercial	Housing	14201 Olive View Drive	New	\$52	Pending
1227	Private	Unincorporated Building Commercial	Housing	7601 Imperial Highway	Addition/Alteration/TI	\$32	Pending
1228	Private	Unincorporated Building Commercial	Housing	14445 Olive View Drive	New	\$20	Pending
1229	Private	Unincorporated Building Multifamily	Housing	5101 Overhill Drive	New	\$16	Pending
1230	Private	Unincorporated Building Multifamily	Housing	11000 Wilshire Boulevard	Addition/Alteration	\$15	Pending
1231	Private	Unincorporated Building Multifamily	Housing	11000 Wilshire Boulevard	Addition/Alteration	\$15	Pending
1232	Private	Unincorporated Building Multifamily	Housing	3037 Foothill Boulevard	New	\$10	Pending
1233	Private	Unincorporated Building Multifamily	Housing	11000 Wilshire Boulevard	Addition/Alteration	\$18	Pending
1234	Private	Unincorporated Building Multifamily	Housing	22801 S Vermont Avenue	New	\$18	Pending
1235	Private	Unincorporated Building Mixed Use	Housing	14545 Lanark Street	New	\$30	Pending
1236	Private	Unincorporated Building Mixed Use	Housing	14545 Lanark Street	New	\$30	Pending
1237	Private	Unincorporated Building Residential	Housing	13200 S Avalon Boulevard	New	\$20	Pending
1238	Private	Unincorporated Building Residential	Housing	11814 Aviation Boulevard	New	\$10	Pending
1239	Private	Unincorporated Building Residential	Housing	1720 Zonal Avenue	New	\$12	Pending
1240	Private	Unincorporated Building Residential	Housing	7601 Imperial Highway	New	\$35	Pending
1241	Private	Unincorporated Electrical	Housing	11609 S Western Avenue	Complex	\$15	Pending
1242	Private	Unincorporated Grading	Housing	11609 S Western Avenue	Grading	\$15	Pending
1243	Private	Unincorporated Mechanical	Housing	11609 S Western Avenue	Complex	\$15	Pending
1244	Private	Unincorporated Plumbing	Housing	11609 S Western Avenue	Complex	\$15	Pending
1245	Private	Unincorporated Building Commercial	Housing	3965 S Vermont Avenue	Addition/Alteration/TI	\$16	5/17/2018
1246	Private	Unincorporated Building Commercial	Housing	510 S Vermont Avenue	New	\$190	11/21/2018
1247	Private	Unincorporated Building Commercial	Housing	2800 Workman Mill Road	Addition/Alteration/TI	\$10	5/21/2019
1248	Private	Unincorporated Building Commercial	Housing	1854 E 118th Street	New	\$30	1/10/2019
1249	Private	Unincorporated Building Commercial	Housing	510 S Vermont Avenue	New	\$19	9/27/2018
1250	Private	Unincorporated Building Commercial	Housing	12021 Wilmington Avenue	Addition/Alteration/TI	\$12	5/20/2019
1251	Private	Unincorporated Building Commercial	Housing	523 Shatto Place	New	\$20	12/19/2019
1252	Private	Unincorporated Building Commercial	Housing	335 E AVENUE I	New	\$14	3/11/2020
1253	Private	Unincorporated Building Multifamily	Housing	11739 Holmes Avenue	New	\$11	1/27/2020
1254	Private	Unincorporated Building Multifamily	Housing	7321 Miramonte Boulevard	New	\$10	12/5/2019
1255	Private	Unincorporated Building General	Housing	510 S Vermont Avenue	Landscape Water Efficiency	\$190	12/3/2018
1256	Private	Unincorporated Building Residential	Housing	1755 W Imperial Highway	New	\$13	12/12/2018
1257	Private	Unincorporated Building Residential	Housing	1600 E Florence Avenue	New	\$24	7/3/2019
1258	Private	Unincorporated Electrical	Housing	1854 E 118th Street	Complex	\$30	1/10/2019
1259	Private	Unincorporated Mechanical	Housing	1854 E 118th Street	Complex	\$30	1/10/2019
1260	Private	Unincorporated Plumbing	Housing	1854 E 118th Street	Complex	\$30	1/10/2019
1261	Private	Unincorporated Solar	Housing	7601 Imperial Highway	Roof Mount Commercial	\$26	Pending
1262	Private	Unincorporated Building Commercial	Housing	18420 S Santa Fe Avenue	Addition/Alteration/TI	\$19	Pending
1263	Private	Unincorporated Building General	Housing	1850 Zonal Avenue	Fire Sprinkler	\$12	Pending
1264	Private	Unincorporated Building General	Housing	7601 Imperial Highway	Fire Sprinkler	\$35	Pending
2000	Foothill Municipal Water District	Main Pump Station Replacement of East and West Discharge Meters	Water/Sanitation		This project replaces two propeller meters in the East and West plant discharge headers with electromagnetic flow meters. This will improve the accuracy of the metering of the total system water as well as water delivered to two pressure zones, allowing staff to better track water consumption and potential losses.	\$90	December 2020
2001	Foothill Municipal Water District	La Crescenta-East Reservoir Rehab and Recoating	Water/Sanitation		This project removes the existing coal tar enamel interior reservoir coating and will apply a new epoxy coating. All shell and steel member repairs will be made and safety upgrades with respect to ladders, railings, and personal safety devices will be added to the reservoir to comply with safety codes.	\$1	November 2020

Project ID	Owner	Project / Contract	Sector	Location	Description	Estimated Construction Cost (millions)	Estimated Contract Award (year)
2050	Santa Clarita Valley Water Agency SCVWA	Magic Mountain Pipeline No. 6 (6A and 6B)	Water/Sanitation	Santa Clarita Valley (Google Map Coordinate: 34.414412, -118.599648). This coordinate represents one point along the pipeline.	Pipeline Construction	\$11	2020
2051	Santa Clarita Valley Water Agency SCVWA	ESFP Sludge Collection System	Water/Sanitation	Santa Clarita Valley (Google Map Coordinate: 34.498294, -118.600655). This coordinate represents one point within the project site.	Treatment Plant Improvements	\$12	2020
2052	Santa Clarita Valley Water Agency SCVWA	Castaic Conduit Bypass Pipeline	Water/Sanitation	Santa Clarita Valley (Google Earth Coordinate: 34.441018, -118.572002). This coordinate represents one point along the pipeline.	Pipeline Construction.	\$12	2021
2053	Santa Clarita Valley Water Agency SCVWA	Recycled Water Program Phase 2C - South End	Water/Sanitation	Santa Clarita Valley (Google Map Coordinate: 34.407617, -118.567741). This coordinate represents one point along the pipeline.	Pipeline Construction	\$10	2021
2054	Santa Clarita Valley Water Agency SCVWA	Magic Mountain Reservoir	Water/Sanitation	Santa Clarita Valley (Google Map Coordinate: 34.412885, -118.607239). This coordinate represents one at the reservoir site.	Potable Water Reservoir and Pump Station	\$18	2023
2055	Santa Clarita Valley Water Agency SCVWA	Honby Parallel Phase 2 Pipeline	Water/Sanitation	Santa Clarita Valley (Google Earth Coordinate: 34.425212, -118.496149). This coordinate represents one point along the pipeline.	Pipeline Construction	\$19	2023
2056	Santa Clarita Valley Water Agency SCVWA	Recycled Water Program Phase 2A - Central Park	Water/Sanitation	Santa Clarita Valley (Google Map Coordinate: 34.430829, -118.588492). This coordinate represents one point along the pipeline.	Pipeline Construction	\$12	2024
2057	Santa Clarita Valley Water Agency SCVWA	PFAS Groundwater Treatment Improvements	Water/Sanitation	Santa Clarita Valley (Google Map Coordinates: 34.421081, -118.550917 and 34.422932, -118.505897 and 34.425382, -118.495547). These coordinates represent three of the treatment sites (N-Wells, Valley Center Well, and Sand Canyon Pump Station Site for Honby and Santa Clara Well). Some of the other treatment site locations are still being finalized.	Treatment System Installations	\$53	2020-2021
2098	LACTMA	Intercity Rail Project	Transportation		Link Union Station	\$60	
2100	Three Valleys MWD	Miragrand Well	Water/Sanitation	34.129049, -117.69682	Construction of new groundwater well within TVMWD service area. TVMWD already owns the property and has initiated the process to start drilling the well.	\$5	2021
2101	Three Valleys MWD	Miramar Wells #1 and #2 Rehabilitation and Electrical Upgrades	Water/Sanitation	34.129049, -117.69682	TVMWD owns and operates two groundwater wells at the Miramar WTP. Both wells need rehabilitation to improved system efficiency and water supply production. Additionally, this project would upgrade the existing electric system to allow for a portable generator to be connected that would be used during emergencies.	\$6	November 2020 (Well#1) November 2021 (Well#2)
2102	Three Valleys MWD	Miramar Water Treatment Plant Filter Basin Upgrade	Water/Sanitation	34.129049, -117.69682	Upgrade of existing under drain system within each of the eight existing filter basins. This project would be modeled after the recent Weymouth Filter Basin Upgrade. TVMWD would look to utilize existing MWD information for design, costs and timelines.	\$6	TBD
2150	BWP	Install Water Main on Walnut Ave	Water/Sanitation	34.193061, -118.31147	Install 1,150 feet of 8" ductile iron pipe on Walnut Ave from 6th Street to Kenneth Ave, replacing 2" galvanized pipe.	\$3	TBD
2151	BWP	Install Water Main on Monterey Ave	Water/Sanitation	34.186283, -118.335922	Install 1,700 feet of 8" ductile iron pipe on Monterey Ave from Lincoln to Orchard and add two more fire hydrants.	\$5	TBD
2152	BWP	Install Water Main on Empire Street from Naomi Street to Ontario Street	Water/Sanitation	34.191907, -118.340213	This project will install a new 1,200 feet of 12" ductile iron water distribution main, which would close the existing gap from Naomi to Ontario.	\$5	TBD
2153	BWP	Clean and Line 20" Transmission Main on Hollywood Way From Victory Blvd to Burbank Blvd	Water/Sanitation	34.184722, -118.349075	This project will clean the tuberculated interior of a 3,500 feet of 20" cast iron main and line it with a cement grout.	\$8	TBD
2200	LA City Sanitation District	Lankershim Boulevard Local Area Urban Flow Management Network Project / Measure W Regional Round 1	Water/Sanitation	Lankershim Blvd from Sherman Way to Tuxford St.	The Lankershim Boulevard Local Area Urban Flow Management Network Project, a 1.5 linear miles project, will implement features that will provide water quality improvements through stormwater infiltration, flood mitigation, and community enhancement. Possible duplicate	\$26	2020
2201	LA City Sanitation District	Oro Vista Ave Local Area Urban Flow Management Network / Measure W Regional Round 1	Water/Sanitation	Oro Vista Ave & Foothill Blvd	The project includes Best Management Practices (BMPs) designed to capture, treat and percolate runoff from an 85th percentile, 24-hour storm event using drywells, infiltration planters and pervious concrete sidewalks.	\$11	2020
2202	LA City Sanitation District	Ballona Creek TMDL Project	Water/Sanitation	10201 W Jefferson Blvd; 11735 Culver Blvd	This collaborative project is being completed by five cities in the Ballona Creek Watershed along with the County of Los Angeles and Los Angeles County Flood Control District (LACFCD) to achieve attainment of the Dry-Weather Bacteria TMDL for Ballona Creek as well as providing water supply for reclamation.	\$32	2020

Project ID	Owner	Project / Contract	Sector	Location	Description	Estimated Construction Cost (millions)	Estimated Contract Award (year)
2203	LA City Sanitation District	MacArthur Lake Rehabilitation Project Measure W Regional Round 1	Water/Sanitation	2230 West 6th Street	The MacArthur Park Project objective is to reduce the use of potable water for the Park through the capture, treatment, and beneficial use of stormwater runoff at the site. The proposed Project will provide water-quality benefits for the Lake as well as the downstream environment within the Ballona Creek Watershed. The Project will also provide community benefits to the Westlake neighborhood of the City through landscaping and land use improvements at the Park to enhance the Park's utility and the community's experience.	\$20	2020
2204	LA City Sanitation District	Oakwood Regional Stormwater Capture Project PLANNED - Measure W Regional Round 2	Water/Sanitation	767 California Ave	The Oakwood Regional Stormwater Capture Project will capture, reuse and recycle runoff from a 122 acre area northeast of the 3.63 acre Oakwood Recreation Center. The stormwater will be used to irrigate the entire site and excess water will be sent to the Hyperion Water Reclamation Plant for recycling	\$15	2021
2205	LA City Sanitation District	Poinsettia Regional Stormwater Capture Project PLANNED - Measure W Regional Round 2	Water/Sanitation	7341 Willoughby Ave	The main objective of the Poinsettia Regional Stormwater Capture Project is to capture, reuse and recycle the stormwater runoff from a 196-acre area north of the Poinsettia Recreation Center and 2.3 acres of the site itself. One potential use of the harvested stormwater is to irrigate the entire site using below-ground irrigation techniques.	\$18	2021
2206	LA City Sanitation District	Wilmington Regional Stormwater Capture Project PLANNED - Measure W Regional Round 2	Water/Sanitation	325 N. Neptune Ave	The Wilmington Regional Stormwater Capture Project will capture, reuse, and recycle runoff from a 58-acre area north of the Wilmington Recreation Center as well as 7.5 acres of the site itself. One potential use of the harvested stormwater is to irrigate the entire site using below-ground irrigation techniques.	\$12	2021
2250	City of Malibu	Civic Center Water Treatment Facility Project – Phase 2	Water/Sanitation	Surrounding City Hall including Malibu Canyon Road, Malibu Colony, Serra Retreat, properties located off of Civic Center Way, Adamson House, Beaches and Harbors, etc.	Phase 2 of the Civic Center Water Treatment Facility Project consists of expanding the treatment facility on Civic Center Way from 190,000 gallons per day to 350,000 gallons per day. This expansion is to include those properties identified in the Phase 2 prohibition zone, the condos on Civic Center Way, Malibu Colony and portions of Serra Retreat neighborhoods. The project will also expand the wastewater and recycled water distribution into the properties in the Phase 2 prohibition zone.	\$50M	FY 2023-2024
2300	Bell Gardens	Ford Park Cistern Project	Water/Sanitation	Bell Gardens	The John Anson Ford Park Infiltration Cistern Project involves the construction of an underground water diversion structure and subsurface infiltration basin below John Anson Ford Park. These facilities would capture approximately 400 acre-feet per year of dry weather and first-flush urban stormwater runoff flows and would divert runoff water from the existing storm drain system for pretreatment and groundwater recharge. Project is under construction. City anticipates additional \$10M for phase 2 construction from WASC funding.	\$10	2020
2350	Las Virgenes Water District	Pure Water Project Las Virgenes - Triunfo	Water/Sanitation	30800 Agoura Rd., Agoura Hills, CA	The project eliminates the discharging of treated wastewater into Malibu Creek by constructing a 6 million gallon per day advanced water treatment facility and associated pipeline infrastructure that will purify the water so that it can be used in the drinking water system instead. The project will provide up to 4,000 acre-feet a year and 15% of the water supply to the Las Virgenes Municipal Water District and Triunfo Water and Sanitation District service areas.	\$160	2024
2400	Palmdale Water District	Recycled Water Phase 2	Water/Sanitation	34.531689, -118.057956	Surface Water Augmentation	\$25	TBD- Unfunded
2401	Palmdale Water District	Palmdale Ditch Replacement	Water/Sanitation	34.490497, -118.025389	Replace ditch with pipeline	\$18	TBD- Unfunded
2402	Palmdale Water District	Treatment Plant Intake	Water/Sanitation	34.535607, -118.108353	Redundant Turnout in aqueduct	\$15	TBD- Unfunded
2403	Palmdale Water District	Palmdale Regional Groundwater Recharge and Recovery Project	Water/Sanitation	34.658380, -117.948798	Pipeline from LACSD WWTP to recharge basins, recharge basins, recovery wells, pipeline from SWP to recharge basins	\$50	TBD- Unfunded
2450	Antelope Valley-East Kern Water Agency (AVEK)	SNIP Phase II Pipeline	Water/Sanitation	70th St W between Avenue H and Quart Hill WTP approx. midpoint 34.678295, -118.254044	48-inch Potable Pipeline to convey recovered banked water from the Westside Water Bank (Increases water supply reliability and improves water quality for AVEK' customers)	\$26	2021-2022
2451	Antelope Valley-East Kern Water Agency (AVEK)	North Valley Groundwater Storage, Recovery, and Related Conveyance	Water/Sanitation	TBD - Northern portion of AVEK's Service Area Northern most in LA County is at Avenue A, approx: 34.820258, -117.914770	Groundwater Storage, Recovery, and related Conveyance (Increases water supply reliability and conveyance)	\$100	2023-2025
2500	LACO WWD 29	Waterworks District 29, Malibu- Capital Infrastructure Program	Water/Sanitation	34.037246, -118.688828 Various locations in WWD 29 service area	Replace 17,000 feet of deteriorated waterlines, Install a 6,500 foot emergency waterline interconnection with Las Virgenes Municipal Water District, Replace 1 existing 70k gallon water tank with a 225k tank to improve system reliability and improve health and safety.	\$14	2022
2550	Long Beach	Long Beach Municipal Urban Stormwater Treatment (LB-MUST) Facility	Water/Sanitation	Terminus of I-710	Stormwater treatment plant and brackish wetlands which is designed to treat urban runoff over 12,000 acres of tributary area at a rate of 2 million gallons per day (expandable up to 4 million gallons per day)	\$42	202
2741N	Caltrans	Highway project	Transportation		Convert to 8-lane fwy, Rt. 10-Mission Rd, HOV + mixed flow (TCEP)	\$20	
2808A	Caltrans	Highway project	Transportation		Carmenita Rd interchange (RIP)(TCRP)(SLPP)(RW CCA 6-19)	\$35	
3000	BURBANK	VPP upgrade	Public Works	34.1861111, -118.3486111	Replacement/upgrade of four booster pumps at the Valley Pumping Plant (VPP), including motors and any relevant appurtenances. Upgrade of the MCC and other electrical components as required by the pump selections. Upgrade of the SCADA hardware and control strategies of the booster station, blend facility, and chemical feed systems.	\$2	TBD

Project ID	Owner	Project / Contract	Sector	Location	Description	Estimated Construction Cost (millions)	Estimated Contract Award (year)
3001	BURBANK	Disinfection System Replacement	Public Works	34.1861111, -118.3486111	VPP main water treatment plant has been utilizing chlorine gas for disinfection for more than 75 years. As the times have changed a once remote site is now in a very urban setting and the consequences of a hazardous chemical incident could be devastating. A recent AWIA evaluation made a priority of utilizing alternative chemicals and technology to maintain high water quality but in a much safer environment.	\$2	TBD
3050	BEVERLY HILLS	Coldwater Canyon water main replacement	Public Works	34.099754, -118.406059	Replace approximately 7,300 ft of water main on Coldwater Canyon Drive. These pipelines are 6 to 16 inches in diameter with most sections between 60-90 years old.	\$3	2021
3100	City of Santa Monica	Arcadia WTP Expansion Project	Public Works	34.043854, -118.466266	Expansion of the City's Arcadia Water Treatment Plant from 10 mgd to 13 mgd raw water treatment capacity and provide production efficiency enhancement. The WTP's production efficiency will be enhanced with a new concentrate recovery process, Closed Circuit Reverse Osmosis, to increase the overall recovery from 83% to 90% or greater.	\$35	44228
3101	City of Santa Monica	500-ft Booster Station	Public Works	34.043854, -118.466266	New pump station at the City's Arcadia Water Treatment Plant to serve the 500-ft zone.	\$1	TBD
3150	Compton	Annual Residential Street Project, Phase II	Public Works	various street segment of Slater Ave, Parmelee Ave, Oris St., 135th/Stockwell, Compton Ave, Tucker St., Rosecrans Ave, Palmer St., Bullis Rd, Walnut St, Walnut Park Dr., Walnut Park Way, Greenleaf Blvd, Santa Fe Ave, Alameda East and West, Alondra Blvd, & Bradfield	Construction of cold mill, ARHM pavement, AC base course, aggregate base, full depth AC slot pavement, curb and gutter, sidewalks, cross gutter, alley intersection, driveway approach, curb ramps, signing, striping, markings, and pavement legends, speed humps, traffic signal loop, adjust to grade existing sewer manhole, water valve, water meter, and storm drain manhole.	\$25	2021
3151	Compton	Compton Boulevard Street Rehabilitation	Public Works	Compton Boulevard	The project will include the installation of raised medians and class II bicycle lands along Compton Blvd from Willowbrook Avenue to eastern City Limits; the project will also address systemic issues along Compton Blvd corridor by installing bicycle lanes and lighting along Compton Blvd from Willowbrook Ave., as well as enhancing pedestrian crossing at 15 intersections.	\$16	2023
3152	Compton	Wilmington Avenue Safe Streets Pedestrian/Bicycle Improvement , Phase II	Public Works	Wilmington Avenue	The project is a pedestrian and bicycle safety improvement project aimed to improve pedestrian and bicycle safety for the communities adjacent to the Wilmington Avenue transportation corridor by developing safer pedestrian crossings and intersections, as well as installing bicycle lanes to improve bicycle visibility and safety, thereby reducing collisions	\$10	2022
3200	Pico Rivera	SIDEWALK & ADA IMPROVEMENTS CITYWIDE	Public Works	Pico Rivera	This project will construct/modify sidewalks, curb ramps, bus stops and traffic signals to meet ADA requirements.	\$51	TBD
3201	Pico Rivera	WASHINGTON BRIDGE OVER RIO HONDO CHANNEL -	Public Works	Pico Rivera	BRIDGE REPLACEMENT This project will replace the existing 6-lane bridge with a new 8-lane precast pre-stressed concrete girder bridge. The existing bridge is structurally deficient. Funding needed is the required match to the Federal Highway Bridge Program and improvements related to the Eastside Transit Corridor.	\$85	TBD
3202	Pico Rivera	CITYWIDE WATER MAIN LINE REPLACEMENT PROJECT	Public Works	Pico Rivera	This project will replace and/or rehabilitate aging water lines for fire flow capability and water system efficiency.	\$85	TBD
3203	Pico Rivera	PFAS GROUNDWATER TREATMENT PROJECT	Public Works	Pico Rivera	This project will construct five treatment facilities to remove per- and polyfluoroalkyl substances (PFAS & PFOA) to ensure Pico Rivera Water Authority continues to meet all drinking water standards in the near future. The project includes Granulated Active Carbon (GAC) vessels and Ion Exchange (IO) water treatment systems, as well as pumps, motors, and equipment to be placed at three water plant facilities and two well site locations.	\$13	TBD
3250	City of Malibu	PCH Signal Synchronization Project	Public Works	Pacific Coast Highway - City Limits (east) to John Tyler Avenue (Near Pepperdine)	The overall objective of this project is to synchronize all the traffic signals located between John Tyler Drive and Topanga Canyon Boulevard, a distance of approximately 8 miles. Improvements will also include new CCTV's cameras at the intersections, replace the existing signal poles with new signal poles, street improvements and ADA upgrades, ATCS sensors, changeable message signs, and use state of the art technology to make PCH a "Smart Corridor". This project was identified in the PCH Safety Study (Priority #1).	\$13.7M	FY 2021-2022
3300	Lakewood	Sidewalk Replacement	Public Works	City of Lakewood	1.5 miles of significant roadway improvements, including bike path, undergrounding utilities, median, green street, LED street lighting.	\$45	2022
3350	City of Covina	Covina Civic Center Project	Public Works	534 N. Barranca Avenue	Construction of a new City Hall, Police Department, Public Works Department, Park and Recreation Department, Library and Others	\$15	2024
3400	City of La Puente	Valley Boulevard (within City limits)	Public Works	La Puente	Corridor Beautification (safety, pavement, drainage, sidewalk, landscaping, etc.)	\$13	
3450	Diamond Bar	Diamond Bar Blvd. Complete Streets	Public Works	Diamond Bar Golden Springs Dr to 60 FWY	Create a complete street corridor along a main commercial corridor by incorporating design and construction elements from both the Green Street (storm water quality UD BMPS, and etc.), and Complete Street (walkable, bikeable, and etc.) concepts.	\$10	2022
3451	Diamond Bar	Heritage Park Upgrades	Public Works	Diamond Bar 2900 S Brea Canyon Rd	Retrofit existing building and re-grade/improve 3.4 acre park to provide full ADA access to entire park and amenities.	\$10	2025
3452	Diamond Bar	Sunset Crossing Park	Public Works	Diamond Bar Sunset Crossing Drive at westerly City limit	Construct a new 2.83 acre neighborhood park with sports courts, walking trails and storm water treatment facilities, on the border with two other neighboring cities which could benefit all three cities.	\$10	2025
3453	Diamond Bar	Sewer Pump Station Upgrades	Public Works	Diamond Bar Various Locations	Upgrade to County-owned sewer pump stations to increase maximum capacity and ensure reliable function in emergency situations.	\$18	2024

Project ID	Owner	Project / Contract	Sector	Location	Description	Estimated Construction Cost (millions)	Estimated Contract Award (year)
3454	Diamond Bar	Grand/Golden Springs Improvement	Public Works	Diamond Bar Grand Ave/Golden Springs Dr	Traffic mitigation project to improve main entry intersection thru R/W acquisition, lane additions, and beautification to increase capacity as a result of neighboring city's development project.	\$16	2020
3455	Diamond Bar	Diamond Bar Golf Course Renovation Project	Public Works	Diamond Bar 22751 Golden Springs Dr	County-owned golf course will be renovated as a result of the changes to the golf course caused by 57/60 Confluence Project.	\$40	2021
3500	Walnut	Regional Aquatics Center and Trail Entry	Public Works	Walnut	Construct a new Regional Aquatics Center and entryway to LA County Schabarum Trail system at Walnut Ranch Park	\$24	20-21 or 21-22
3501	Walnut	Structural BMP: Storm Water	Public Works	Walnut	Construct an underground detention basin at Butterfield Park	\$11	22-23 or 23-24
3550	Long Beach	Arteria Boulevard Great Streets	Public Works	Artesia Blvd,	Increase mobility and safety by improving transit first/last mile conditions and supporting intermodal integration. Project includes pedestrian and active transportation enhancements.	\$20	2022
3551	Long Beach	Citywide Flood Resiliency Improvements	Public Works	Various locations	Flood resiliency improvements which include: Storm Drain at Lew Davis Street, 6 storm drain capacity upgrades citywide, and 7 pump station upgrade and repairs citywide.	\$11	2022
3552	Long Beach	Studebaker Road Comple Streets	Public Works	Studebaker Road	Improve safety and operation efficiency on Studebaker Road through intersection improvements at three major intersections and enhancement of bicycle and pedestrian facilities.	\$18	2022
3553	Long Beach	Orange Avenue Backbone Bikeway	Public Works	Orange Avene	Enhance mobility on Orange Avenue/Alamitos Avenue through the installation of bike lanes, curb extensions, bus islands, and lighting improvements along the corridor.	\$15	2022
3554	Long Beach	Studebaker/SR-22 Traffic Improvements	Public Works	Studebaker/SR-22	Transportation operational and safety improvements at Studebaker/SR-22 and various locations citywide to mitigate impacts related to construction of improvements on the I-405.	\$11	2022
3600	South Bay Cities Council of Governments	Torrance (MR312.10): PCH at Hawthorne Blvd Intersection Improvements	Public Works	City of Torrance, PCH at Hawthorne Blvd	Project will widen and upgrade the intersection with turn pockets and exclusive turn lane.	\$20	2021
3601	South Bay Cities Council of Governments	Inglewood: Manchester Blvd. and Pariarie Avenue ITS and Traffic Signal Improvements	Public Works	City of Inglewood	Project will improve traffic flow via various signal upgrades ITS improvements	\$12	2025
3602	South Bay Cities Council of Governments	Inglewood: Downtown ITS	Public Works	City of Inglewood	Project will improve traffic flow via various signal upgrades ITS improvements	\$11	2023
3603	South Bay Cities Council of Governments	Hermosa Beach: PCH Mobility and Accessibility Improvements	Public Works	City of Hermosa Beach, PCH from Anita to Artesia	Project will implement solutions that address deficiencies to enhance safety while expanding safe and accessible mobility options for pedestrians, transit users, and other modes	\$16	2023
3650	Santa Clarita	Santa Clarita Valley Sheriff's Station	Public Works	Santa Clarita - Canyon Country	This project is for a new, centrally located, 46,465 square foot Sheriff's Station that will include a Type I detention facility, with a 4,140 square foot vehicle maintenance building, communications tower, and a heliport.	\$43	2020
3651	Santa Clarita	Vista Canyon Metrolink	Public Works	Santa Clarita - Canyon Country	This project will construct a 25,000 square foot center platform to include canopies, light standards, restroom facilities, and fencing. Access to the platform will be grade separated. A total of 3,500 feet of new railroad track and signal improvements will be made within the railroad right-of-way.	\$32	2020-21
3652	Santa Clarita	Canyon Country Community Center	Public Works	Santa Clarita - Canyon Country	This project will construct a new Canyon Country Community Center, which includes construction of the main building, parking lots, walkways, play area, outdoor basketball court, landscaping, and street improvements. Additionally, the project includes improvements to the Mint Canyon Channel and storm drains, and a new stormwater infiltration system.	\$32	2020
3653	Santa Clarita	Overlay and Slurry Seal Program	Public Works	Citywide	The annual Overlay and Slurry Seal Program reflects the City's commitment to sound pavement management of the roadway infrastructure by overlaying and slurring streets in need of attention.	\$12	2021
3700	Paramount	Garfield Avenue Capacity Enhancement Project	Public Works	Paramount	Widening 2 miles of Garfield Avenue to accommodate a third lane of travel in each direction and to install dual left-turn lanes on all approaches at the intersections of Rosecrans Avenue and Alondra Boulevard. Other improvements include utility undergrounding, traffic signal improvements, LED street lighting, ADA enhancements, and green street improvements such as landscaped median islands, parkway trees, and stormwater retention.	\$45	2021
3750	El Segundo	Park Place Extension	Public Works	Park Place from Allied Way to Nash St. in El Segundo.	The proposed project consists of extending Park Place by constructing approximately 0.25 miles of new roadway, creating a continuous four-lane collector roadway from Sepulveda Boulevard to Douglas Street. The typical section for the proposed Park Place extension would include an 80-foot right-of-way consisting of a raised and landscaped center median, roadway with two travel lanes in each direction for shared vehicle and bicycle traffic, curb and gutter, a five-foot landscaped parkway, and a five-foot sidewalk.	\$60	2024
3751	El Segundo	Greenway 2 LA	Public Works	Aviaion Blvd. from El Segundo Blvd. to Imperial Highway in El Segundo.	Convert a railroad right-of-way area on the west side of Aviation Boulevard between Imperial Highway and El Segundo Boulevard into a green corridor, including a bike path, walking path, trees and other open space amenities.	\$10	2023
4000	APM Terminals	Pier 400 Modernization	Ports	Los Angeles	Incorporate automation into container terminal	\$100	2020
4025	LACTMA	Rail & Transit Projects	Transportation		Light rail vehicles (78 plus 39 w/option)	\$26	
4025A	LACTMA	Rail & Transit Projects	Transportation		Light rail vehicles (78 plus 39 w/option)	\$54	
4027A	LACTMA	Rail & Transit Projects	Transportation		AB 3090 reimbursement (12S-01S)	\$17	
4027B	LACTMA	Rail & Transit Projects	Transportation		AB 3090 reimbursement (12S-01S)	\$10	
4071	Long Beach	Highway project	Transportation		Rt 710 S.Early Action-replace Shoemaker Br (APDE) (ext 6-19)	\$14	
4296	LACTMA	Rail & Transit Projects	Transportation		East San Fernando Valley North-South Transit (D/B)(TIRCP)	\$202	
4353	Caltrans	Highway project	Transportation		Widen 4 lanes, Segment 4, 72nd St E-77th St E	\$39	
4356A	LACTMA	Highway project	Transportation		AB 3090 Replacement Project (18S-01)	\$19	

Project ID	Owner	Project / Contract	Sector	Location	Description	Estimated Construction Cost (millions)	Estimated Contract Award (year)
4357	Caltrans	Highway project	Transportation		Widen 4 lanes, Segment 13, 190th St E-Rt 18	\$80	
4451	LACTMA	Highway project	Transportation		Rt 405/Crenshaw Blvd, ramp improvement	\$12	
4624	LACTMA	Highway project	Transportation		Rt 605/5 Interchange improvements (APDE)	\$18	
5000	Long Beach	Shoemaker Bridge Replacement	Transportation	Terminus of I-710	Replace the existing Shoemaker Bridge to improve safety and operations, realign Shoreline Drive to create new park space, and enhance active transportation connections to the LA River.	\$482	2023
5050	South Bay Cities Council of Governments	Caltrans (MR312.25): I-405 at 182nd St. / Crenshaw Blvd. Improvements	Transportation	I-405 at 182nd St. / Crenshaw Blvd. exit	The purpose of this project is to: To alleviate congestion, improve traffic flow and operational conditions of I-405 and its on-and-off ramps at 182nd St and Crenshaw Blvd in the City of Torrance; To alleviate congestion, add storage and improve traffic flow and operational conditions of local streets accessing the freeway at 182nd St and Crenshaw Blvd to I-405 on-and-off ramps; Adding auxiliary lanes or a deceleration lane on I-405 between Western Ave and Crenshaw Blvd which will add operational efficiency when combined with the ramp improvements. It will also help resolve the deterioration of the level of service (LOS) on I-405.	\$86	2020
5051	South Bay Cities Council of Governments	El Segundo (MR312.57): Park Place Roadway Extension and Railroad Grade Separation Project	Transportation	City of El Segundo, on Park Place from PCH to Nash St	Grade separate and extend Park Place between Pacific Coast Highway (PCH) and Nash Street to reduce congestion on State Highway Route 1/PCH and the Rosecrans Avenue corridors.	\$125	2023
5052	South Bay Cities Council of Governments	Inglewood (MM502.02): ITS (Gap) Closure Improvements	Transportation	Inglewood (various locations)	For the intersections identified in the project limits, the City is proposing the implementation and system integration of roadside units, changeable message signs (CMS), dynamic message signs (DMS), blank-out signs, wayfinding signage, peer-to-peer software, fiber optic cable, networking and switching and systems integrations. Should the consultant determine that additional emerging ITS technology for traffic signal equipment are necessary for special events, the traffic signal equipment shall include, but not limited to traffic signal cabinets, service pedestals, battery back-up units, splice vaults, fiber optic hubs, 2070 ATC controllers, video detection CCTV cameras, ethernet switches, travel-time systems, origin destination equipment, system detection improvements and in cabinet fiber optic equipment. Systems integrations shall include but not limited to connectivity of all field elements, inventory of all existing and new equipment, fiber optic inventory and mapping, all necessary software and hardware integration from field devices to TMC	\$19	2021
5053	South Bay Cities Council of Governments	Inglewood (MM5502.09): Prairie Ave Dynamic Lane Control System	Transportation	City of Inglewood, on Prairie Avenue from Imperial Hwy to Century Blvd	The City of Inglewood will experience an increase in traffic volume as the various sports and entertainment venues come online. Currently, Prairie Avenue has 3-travel lanes for northbound and southbound traffic. Implementing a reversible lane system will mitigate the traffic demand by dynamically changing the lane configurations for a directional vehicle movement. In conjunction, the reversible lane system will be used to implement bus, shuttle, and transit only lanes to provide priority for transit riders. It will also have the ability to designate multi-modal travel lanes, for bicyclist or other non-vehicular modes.	\$13	2021
5054	South Bay Cities Council of Governments	Los Angeles (MR312.48): Alameda St. (South) Widening from Anaheim St. to Harry Bridges Blvd.	Transportation	City of LA, Alameda St from Anaheim St to Harry Bridges Blvd	Project will widen roadway and upgrade to a major class II highway.	\$40	2021
5055	South Bay Cities Council of Governments	Los Angeles (MR312.74): Alameda St. (East) Widening Project	Transportation	City of LA, Alameda St from Anaheim to 300ft south of PCH	Project will widen roadway and upgrade to a major class II highway.	\$18	2021
5056	South Bay Cities Council of Governments	Metro (MR312.55): I-405 from I-110/Main Street to Wilmington Ave Aux Lanes	Transportation	I-405 from I-110/Main Street to Wilmington Avenue	The scope of the project is to add auxiliary lanes between on and off-ramps on both directions of I-405 between Wilmington Avenue and Main Street within City of Carson.	\$146	2023
5057	South Bay Cities Council of Governments	Metro (MR312.84): I-105 Integrated Corridor Management	Transportation	I-105 from I-110 to Sepulveda Blvd	The project will integrate the arterial management systems (AMS) or local traffic signal systems of local cities (El Segundo, Gardena, Hawthorne, Inglewood, and Los Angeles), and the Los Angeles County to the Caltrans freeway management system (FMS). In addition to this integration, the Caltrans FMS could also undergo an upgrade to their existing system that includes ramp metering, ramp traffic signals, ITS elements (VDS, CCTV cameras, and CMS), Lane Closure System (LCS), and Performance Measurement System (PeMS).	\$23	2023
5058	South Bay Cities Council of Governments	Metro (MR312.85): I-405 N/B Aux Lane (Imperial Hwy to El Segundo)	Transportation	I-405 from El Segundo Blvd. to Imperial Highway	Add auxiliary lanes from El Segundo Blvd. to Imperial Highway along northbound and southbound I-405 freeway in Los Angeles County. Widen the Imperial Highway off-ramp to two lanes at the exit from the I-405 northbound lanes and carrying the widening to the ramp junction at Imperial Highway to provide tow left-turn lanes and a separate right-turn lane.	\$154	2023
5059	South Bay Cities Council of Governments	Port of Los Angeles (MR312.32) SR-47/Vincent Thomas Bridge on/off ramp Improvements at Harbor Blvd.	Transportation	SR-47 in City of LA (limits 07-LA-047 - 0.3/0.8)	The proposed improvements will eliminate a problematic weave at the shared off-ramp terminus by creating new, separate termini for the eastbound and westbound ramps	\$52	2021
5060	South Bay Cities Council of Governments	Torrance (MR312.23): Torrance Transit Park and Ride Regional Terminal Project	Transportation	City of Torrance, Crenshaw Blvd at Del Amo Blvd	Project will build the regional transit center park and ride facility at the terminus of the Green Line Extension to Torrance.	\$26	2020
5061	South Bay Cities Council of Governments	Torrance (MR312.26): I-405 at 182nd St. / Crenshaw Blvd Operational Improvements	Transportation	I-405 at 182nd St. / Crenshaw Blvd. exit	Local improvements/ROW work for the larger freeway project	\$15	2020

Project ID	Owner	Project / Contract	Sector	Location	Description	Estimated Construction Cost (millions)	Estimated Contract Award (year)
5062	South Bay Cities Council of Governments	Palos Verdes Estates: PV Drive West Corridor Expansion Project	Transportation	Palos Verdes Drive West that extends between the northern City boundary with the City of Torrance to south of Via Del Puente	Expand the capacity and improve safety of the segment of Palos Verdes Drive West that extends between the northern City boundary with the City of Torrance to south of Via Del Puente. The completed project will include the provision of either roundabouts or traffic signals at the intersections of PVDW and PVDN and Via Corta and the widening of PVDW to provide four through lanes between Via Corta and the north City Boundary. Bike lanes will also be provided along PVDW in that same area and along PVDN between PVDW and Via Alameda/Paseo Del Campo.	\$12	2023
5100	Santa Clarita	Lankershim East Roadway	Transportation	Santa Clarita - Canyon Country	This project will extend Via Princesa approximately 1.2 miles in length and would consist of a six lane highway with a raised median, sidewalk/parkway, and Class 1 trail along the south side.	\$52	TBD
5430	LACTMA	Rail & Transit Projects	Transportation		Bus Acquisition #1, 305 standard buses (18S-17)	\$30	
5431	LACTMA	Rail & Transit Projects	Transportation		Bus Acquisition #2, 305 standard buses	\$17	
6000	Mt Sac	Various Campus Improvements for Mt SAC	Academia	Mount San Antonio college	Various Campus Improvements for Mt SAC	\$750	2018
9001	LACTMA	Highway project	Transportation		Planning, Programming, & monitoring	\$14	
71800000	Caltrans	Permanent restoration of eroded roadway cut slopes, modification of drainage systems, and placement of erosion control measures	Transportation	In the city of Los Angeles (Granada Hills, Mission Hills, Sylmar) from Rinaldi Street to Route 5.	Permanent restoration of eroded roadway cut slopes, modification of drainage systems, and placement of erosion control measures	\$23	2021
71900010	Caltrans	Rehabilitate drainage systems, enhance highway worker safety, and upgrade guardrail to concrete barrier	Transportation	In and near the cities of LA, Glendale, La Canada Flintridge, and Pasadena, from east of Allessandro Street to the Mount Waterman ski lifts	Rehabilitate drainage systems, enhance highway worker safety, and upgrade guardrail to concrete barrier	\$17	2023
712000094	Caltrans	Replace bridge	Transportation	In Malibu, from Guernsey Ave to Trancas Canyon Road/Broad Beach Road	Replace bridge	\$54	2021
714000024	Caltrans	Bridge seismic retrofit and bridge rail upgrade	Transportation	In Compton, at Compton Creek Bridge Overhead and offramp; also in Long Beach on routes 710 and 110 at Harbor Scenic Drive Overhead and Gaffy Street Bridge	Bridge seismic retrofit and bridge rail upgrade	\$24	2022
715000090	Caltrans	Rehabilitate culverts	Transportation	In the cities of LA and Malibu, from 0.4 mile south of Temescal Canyon Road to Ventura County Line; also in Ventura County line to 0.1 mile north of Tonga Street	Rehabilitate culverts	\$48	2022
715000194	Caltrans	Replace distressed lanes/shoulders, cold plane and overlay ramps, upgrade guardrail, dikes, sign panels, curb ramps and traffic loop detectors	Transportation	In and near Palmdale and Lancaster from Avenue P-8 to the Kern County line	Replace distressed lanes/shoulders, cold plane and overlay ramps, upgrade guardrail, dikes, sign panels, curb ramps and traffic loop detectors	\$169	2022
716000033	Caltrans	Pavement rehabilitation consisting of full structural section replacement and damaged slab replacement. Cold plane and overlay Rubberized Hot Mix Asphalt (RHMA-G) on right shoulders and apply HFST onramps and connectors	Transportation	In various cities, from Orange County line to 0.1 mile north of Telegraph Road; also on Route 91 from 0.2 mile west of Route 605 to Route 605	Pavement rehabilitation consisting of full structural section replacement and damaged slab replacement. Cold plane and overlay Rubberized Hot Mix Asphalt (RHMA-G) on right shoulders and apply HFST onramps and connectors	\$73	2022
716000040	Caltrans	Construct and install stormwater quality BMPs	Transportation	In and near South El Monte, Industry, Hacienda Heights, and Rowland Heights, from Peck Road to Nogales Street.	Construct and install stormwater quality BMPs	\$17	2021
716000042	Caltrans	Upgrade curb ramps, sidewalks, and pathways to meet current ADA standards	Transportation	In the cities of Whittier, South Monte and Rosemead from Gallatin Road to Rudell Underpass.	Upgrade curb ramps, sidewalks, and pathways to meet current ADA standards	\$14	2022
716000043	Caltrans	Widen bridge and upgrade bridge rail	Transportation	In Long Beach, at the San Gabriel River Bridge	Widen bridge and upgrade bridge rail	\$49	2024
716000044	Caltrans	Retrofit scour critical bridges to preserve the structural integrity of the bridges by enlarging and deepening pile cap, adding Cast in Drilled Hole (CIDH) piles and reinforcing the area with Rock Slope Protection (RSP)	Transportation	In Long Beach at the San Gabriel River Bridge and 5b 605 to NB 405 Connector Bridge; also in OC on Route 405 at the SB 405 to NB 605 Connector Bridge	Retrofit scour critical bridges to preserve the structural integrity of the bridges by enlarging and deepening pile cap, adding Cast in Drilled Hole (CIDH) piles and reinforcing the area with Rock Slope Protection (RSP)	\$31	2023
716000048	Caltrans	Construct stormwater treatment BMPs including biofiltration swales/strips, detention basin, MVPs and install infiltration devices	Transportation	In the cities of Los Alamitos, Cerritos, Lakewood, Bellflower, and Norwalk, from Orange County Line to Route 5.	Construct stormwater treatment BMPs including biofiltration swales/strips, detention basin, MVPs and install infiltration devices	\$23	2022

Project ID	Owner	Project / Contract	Sector	Location	Description	Estimated Construction Cost (millions)	Estimated Contract Award (year)
71600049	Caltrans	Upgrade ADA curb ramps, upgrade guard rail, grind pavement, and place Hot Mix Asphalt and Rubberized Hot Mix Asphalt pavement to rehabilitate pavement	Transportation	In the cities of Long Beach, LA, Lomita, and Torrance, from OC line to Paseo De Las Delicias.	Upgrade ADA curb ramps, upgrade guard rail, grind pavement, and place Hot Mix Asphalt and Rubberized Hot Mix Asphalt pavement to rehabilitate pavement	\$52	2022
71600053	Caltrans	Construct stormwater treatment BMPs	Transportation	In the city of Los Angeles, from Arleta Ave to Route 210.	Construct stormwater treatment BMPs	\$21	2022
71600055	Caltrans	Replace/upgrade bridge railing	Transportation	In Pasadena, at the Arroyo Seco Bridge	Replace/upgrade bridge railing	\$32	2022
71600056	Caltrans	Replace the bridge deck with composite reinforced concrete	Transportation	In the city of LA at the Union Pacific Overhead	Replace the bridge deck with composite reinforced concrete	\$32	2022
71600057	Caltrans	Construct and install various stormwater treatment BMPs including biofiltration swales/strips/trenches, infiltration basins and vault sand filters	Transportation	In Glendora, at various locations from .2 mile east of S. Barranca Ave Overcrossing to .1 mile west of Amelia Ave Undercrossing.	Construct and install various stormwater treatment BMPs including biofiltration swales/strips/trenches, infiltration basins and vault sand filters	\$14	2022
71600059	Caltrans	Grind and overlay asphalt pavement, and upgrade curb ramps to meet ADA standards	Transportation	In and near the city of LA from PCH to Devonshire Street	Grind and overlay asphalt pavement, and upgrade curb ramps to meet ADA standards	\$48	2022
71600061	Caltrans	Construct & install stormwater treatment BMPs including biofiltration, swales, and Austin Vault Sand Filters	Transportation	In and near Azusa, from .1 mile east of Highland Ave Undercrossing to S. Citrus Ave Overcrossing.	Construct & install stormwater treatment BMPs including biofiltration, swales, and Austin Vault Sand Filters	\$18	2022
71600063	Caltrans	Construct and install stormwater treatment BMPs, including biofiltration swales/strips, detention basin and media filters.	Transportation	In and near Pomona, from Phillips Ranch Road to Reservoir Street.	Construct and install stormwater treatment BMPs, including biofiltration swales/strips, detention basin and media filters.	\$12	2021
71600064	Caltrans	Replace approach slabs, upgrade drainage systems and guardrail, and repair and stabilize slope by performing rock scaling, installing geogrid and rockfall net, and constructing soldier pile wall	Transportation	Near Castaic from Lake Hughes Road Undercrossing to 2.1 miles north of Templin Highway	Replace approach slabs, upgrade drainage systems and guardrail, and repair and stabilize slope by performing rock scaling, installing geogrid and rockfall net, and constructing soldier pile wall	\$47	2021
71600077	Caltrans	Cold plane and overlay pavement with RHMA-G, upgrade curb ramps to current ADA standards, install guardrail and construct bus pads	Transportation	In Long Beach, from Route 1 to San Gabriel Undercrossing	Cold plane and overlay pavement with RHMA-G, upgrade curb ramps to current ADA standards, install guardrail and construct bus pads	\$11	2021
71600080	Caltrans	Construct and install stormwater treatment BMPs including biofiltration swales/strips and Gross Solids Removal Devices (GSRDs).	Transportation	In and near Diamond Bar, from Fullerton Road to Diamond Bar Blvd.	Construct and install stormwater treatment BMPs including biofiltration swales/strips and Gross Solids Removal Devices (GSRDs).	\$10	2021
71600082	Caltrans	Reconstruct hinge diaphragms at hinge 4 and hinge 6, upgrade bridge railing and reinstall electroliers	Transportation	In Irwindale, on the San Gabriel River Bridge	Reconstruct hinge diaphragms at hinge 4 and hinge 6, upgrade bridge railing and reinstall electroliers	\$28	2021
71600083	Caltrans	Construct and install stormwater treatment BMPs including biofiltration swales/strips, detention basin, media filters and a GSRDs.	Transportation	In the cities of Granada Hills and Porter Ranch, from Topango Canyon Blvd to Sepulveda Blvd.	Construct and install stormwater treatment BMPs including biofiltration swales/strips, detention basin, media filters and a GSRDs.	\$16	2021
71600085	Caltrans	Grind mainline pavement and replace damaged stabs with Jointed Plain Concrete Pavement (JPCP) rapid strength concrete and/or Individual Precast Slab Replacement (IPSR), cold plane and overlay median, shoulders, ramps with HMA, construct additional lane on southbound Arrow Highway offramp/modify signal,install and upgrade guardrail	Transportation	In the cities of Irwindale and Baldwin Park, from Route 10 Interchange to the end of the freeway at Route 210.	Grind mainline pavement and replace damaged stabs with Jointed Plain Concrete Pavement (JPCP) rapid strength concrete and/or Individual Precast Slab Replacement (IPSR), cold plane and overlay median, shoulders, ramps with HMA, construct additional lane on southbound Arrow Highway offramp/modify signal,install and upgrade guardrail	\$29	2022
71600113	Caltrans	Seismic retrofit, barrier replacement, paint San Gabriel River Bridge	Transportation	In Azusa at the San Gabriel River Bridge; also in Pomona on Route 71 at the Ridgeway Street Undercrossing Bridge	Seismic retrofit, barrier replacement, paint San Gabriel River Bridge	\$31	2022
71600119	Caltrans	Reconstruct curb ramps to meet ADA standards, install APS, relocate pull boxes and traffic signal poles. This is a design-Build project	Transportation	In La Crescenta and La Canada Flintridge, from west of Sunland Blvd to Baseline Road, near the San Bernardino County line	Reconstruct curb ramps to meet ADA standards, install APS, relocate pull boxes and traffic signal poles. This is a design-Build project	\$26	2022

Project ID	Owner	Project / Contract	Sector	Location	Description	Estimated Construction Cost (millions)	Estimated Contract Award (year)
716000121	Caltrans	Upgrade the existing Transportation Management System (TMS) elements to improve traffic monitoring, data transmission, and network connectivity including the LARTMC and communication hubs at ROute 10, 101, and 105	Transportation	In and near Santa Monica from Lincoln Blvd to McClure Tunnel; also on Route 10, 2, 101, and 105.	Upgrade the existing Transportation Management System (TMS) elements to improve traffic monitoring, data transmission, and network connectivity including the LARTMC and communication hubs at Route 10, 101, and 105	\$24	2021
716000126	Caltrans	Construct larger plant facility including replacing undersized pumps	Transportation	In Long Beach, at Henry Ford Ave offramp	Construct larger plant facility including replacing undersized pumps	\$32	2022
716000175	Caltrans	Replace overhang joints with reinforced concrete closure pours	Transportation	In El Monte, from Baldwin Ave Overcrossing to Route 605 at Rio Hondo Bridge, East El Monte Overhead and San Gabriel River Bridge	Replace overhang joints with reinforced concrete closure pours	\$18	2022
716000178	Caltrans	Construct stormwater treatment BMPs including GSRDs, biofiltration swales/strips and infiltration trenches	Transportation	In and near La Verne, at various locations from .4 mile east of S Lone Hill Ave Undercrossing to 0.2 mile west of Base Line Road Overcrossing.	Construct stormwater treatment BMPs including GSRDs, biofiltration swales/strips and infiltration trenches	\$13	2022
716000231	Caltrans	Convert outside lane to a dynamic lane/shoulder that can switch between the 2 depending on prevailing traffic conditions. This will require Dynamic Message Signs (DMS) monitored by the Transportation Management Center (TMC).	Transportation	In the city of LA and South Pasadena, between Figueroa Street and Orange Grove Avenue.	Convert outside lane to a dynamic lane/shoulder that can switch between the 2 depending on prevailing traffic conditions. This will require Dynamic Message Signs (DMS) monitored by the Transportation Management Center (TMC).	\$43	2022
716000270	Caltrans	Upgrade existing guardrail and install new guardrail, and install stormwater Treatment Best Management (BMPs)	Transportation	In LA County, in Angeles National Forest, from Bay Tree Road to 0.1 mile west of Big Pines Highway at various locations.	Upgrade existing guardrail and install new guardrail, and install stormwater Treatment Best Management (BMPs)	\$24	2021
716000299	Caltrans	Construct and upgrade curb ramps, sidewalks, driveways, pedestrian, pathways, Class III bikeway lanes, APS & push buttons to meet current ADA standards	Transportation	In Whittier from Valley Home Ave to Esperanza Ave	Construct and upgrade curb ramps, sidewalks, driveways, pedestrian, pathways, Class III bikeway lanes, APS & push buttons to meet current ADA standards	\$18	2022
716000313	Caltrans	Cold plane and overlay pavement, upgrade curb ramps, reconstruct curb and gutter, construct bus pads and replace traffic signals at several locations	Transportation	In and near the city of LA from Centinela Ave to Cotner Ave, North La Brea Ave and North Hollywood Blvd to Allesandro Street	Cold plane and overlay pavement, upgrade curb ramps, reconstruct curb and gutter, construct bus pads and replace traffic signals at several locations	\$31	2022
716000316	Caltrans	Upgrade curb ramps, traffic signals and sidewalks to meet current standards	Transportation	In Palmdale, from Route 14 Junction south to Avenue T	Upgrade curb ramps, traffic signals and sidewalks to meet current standards	\$18	2022
716000335	Caltrans	Shoreline embankment restoration by installing Rock Slope Protection (RSP) armament	Transportation	In Malibu, south of Big Rock Drive.	Shoreline embankment restoration by installing Rock Slope Protection (RSP) armament	\$16	2022
716000393	Caltrans	Install stormwater treatment BMPs	Transportation	In and near Sante Fe Springs, from Santa Ana Freeway Undercrossing to 0.1 mile north of Rose Hills Road Overcrossing	Install stormwater treatment BMPs	\$16	2022
717000052	Caltrans	Upgrade TMS elements including CCTV, cameras, Ramp Metering Systems (RMS), Vehicle Detection Stations (VDS), Highway Advisory Radio (HAR), Changeable Message Signs (CMS) and the communication system network	Transportation	In the city of LA, from Route 170 to Routes 210/710; also on Route 2 at Route 134, on Route 10 at Routes 5/10, and on Route 101 near Pleasant Valley Road	Upgrade TMS elements including CCTV, cameras, Ramp Metering Systems (RMS), Vehicle Detection Stations (VDS), Highway Advisory Radio (HAR), Changeable Message Signs (CMS) and the communication system network	\$12	2021
717000054	Caltrans	Upgrade TMS elements including CCTV, cameras, Ramp Metering Systems (RMS), Vehicle Detection Stations (VDS), Highway Advisory Radio (HAR), Changeable Message Signs (CMS) and the communication system network	Transportation	In various cities from Routes 5/10, 405, 2, 134 and Route 10 at Route 5/10	Upgrade TMS elements including CCTV, cameras, Ramp Metering Systems (RMS), Vehicle Detection Stations (VDS), Highway Advisory Radio (HAR), Changeable Message Signs (CMS) and the communication system network	\$15	2022
717000060	Caltrans	Upgrade the existing TMS elements to improve traffic monitoring, data transmission, and network connectivity including the various communication hubs on Route 2,5, and 405	Transportation	In and near Carson from route 110 to OC line; also on Route 2,5, 405	Upgrade the existing TMS elements to improve traffic monitoring, data transmission, and network connectivity including the various communication hubs on Route 2,5, and 405	\$24	2023

Project ID	Owner	Project / Contract	Sector	Location	Description	Estimated Construction Cost (millions)	Estimated Contract Award (year)
717000143	Caltrans	Construct and install stormwater treatment BMPs including biofiltration swales/strips, linear radial GSRDs, infiltration basins and an Austin Vault Sand Filter	Transportation	Near El Monte, at various locations, from 0.1 mile south of Peck Road Overcrossing to 0.1 mile north of Valley Blvd Undercrossing.	Construct and install stormwater treatment BMPs including biofiltration swales/strips, linear radial GSRDs, infiltration basins and an Austin Vault Sand Filter	\$22	2022
717000144	Caltrans	Construct and install stormwater treatment BMPs including biofiltration swales/strips, GSRDs and a Design Pollution Prevention Infiltration Area	Transportation	Near El Monte, from 0.2 mile south of Route 10 to 0.2 mile north of Route 210.	Construct and install stormwater treatment BMPs including biofiltration swales/strips, GSRDs and a Design Pollution Prevention Infiltration Area	\$25	2022
717000157	Caltrans	Regrade slopes, construct drainage ditches and install erosion control system	Transportation	In Santa Clarita from 1.1 mile north of Placerita Canyon Road to 9.2 mile south of Golden Valley Road	Regrade slopes, construct drainage ditches and install erosion control system	\$32	2022
717000323	Caltrans	Stabilize slope damaged by storms to prevent falling rocks from blocking the road or injuring motorists.	Transportation	Near Malibu, from 1.0 to 1.1 north PCH (Route 1).	Stabilize slope damaged by storms to prevent falling rocks from blocking the road or injuring motorists.	\$43	2022
717000331	Caltrans	Permanent restoration of side slope storm damage by constructing 3 catchment walls to stabilize slopes and prevent material from falling onto the roadway	Transportation	In Santa Clarita, from north of Newhall Avenue to Placerita Canyon Road.	Permanent restoration of side slope storm damage by constructing 3 catchment walls to stabilize slopes and prevent material from falling onto the roadway	\$36	2022
718000046	Caltrans	Construct stormwater Best Management Practices (BMPs)	Transportation	In the cities of Los Angeles, Glendale, and Burbank, from north of Fletcher Drive to Route 170.	Construct stormwater Best Management Practices (BMPs)	\$11	2023
718000063	Caltrans	Upgrade bridge rail	Transportation	In the city of LA near Wilmington, at the Anaheim Street Overhead	Upgrade bridge rail	\$10	2024
718000065	Caltrans	Rehabilitate and install new TMS elements and upgrade communication systems	Transportation	In LA County on various routes at various locations	Rehabilitate and install new TMS elements and upgrade communication systems	\$24	2024
718000071	Caltrans	Seismic retrofit, upgrade bridge rails, and upgrade facilities to ADA standards	Transportation	In Long Beach, at LA River Bridge and De Forest Ave Undercrossing	Seismic retrofit, upgrade bridge rails, and upgrade facilities to ADA standards	\$32	2023
718000073	Caltrans	Rehabilitate pavement, upgrade facilities to ADA standards, and upgrade guardrail	Transportation	In the city of LA, near Universal City from south of Mulholland Drive to Route 170	Rehabilitate pavement, upgrade facilities to ADA standards, and upgrade guardrail	\$20	2024
718000075	Caltrans	Upgrade overhead signs and sign structures, rehabilitate landscaping and enhance highway worker safety	Transportation	In the cities of LA, Carson, Compton, Long Beach, Bellflower, Cerritos, and Artesia to the OC line	Upgrade overhead signs and sign structures, rehabilitate landscaping and enhance highway worker safety	\$33	2024
718000097	Caltrans	Financial Contribution Only (FCO) to LADWP to install an underground infiltration gallery to treat stormwater runoff	Transportation	In the city of LA, near Sun Valley, at the Fernangeles Recreation Center.	Financial Contribution Only (FCO) to LADWP to install an underground infiltration gallery to treat stormwater runoff	\$17	2024
718000123	Caltrans	Rehabilitate roadway and culverts, replace bridge approach/departure slabs, replace overhead sign structures and sign panels, upgrade TMS elements, upgrade guardrail, and upgrade facilities to ADA standards	Transportation	In and near the City of LA from Wilshire Blvd. to Victory Blvd.	Rehabilitate roadway and culverts, replace bridge approach/departure slabs, replace overhead sign structures and sign panels, upgrade TMS elements, upgrade guardrail, and upgrade facilities to ADA standards	\$453	2023
718000137	Caltrans	Seismic retrofit of Orange Grove Blvd Overcrossing, rehabilitate irrigation system and landscaping and rehabilitate culverts	Transportation	In La Canada Flintridge and Pasadena from West of Foothill Blvd to Hill Ave	Seismic retrofit of Orange Grove Blvd Overcrossing, rehabilitate irrigation system and landscaping and rehabilitate culverts	\$17	2024
718000143	Caltrans	Upgrade facilities to ADA standards	Transportation	In the cities of LA, Glendale, and La Canada Flintridge from Sycamore Ave to Briartree Drive/Greenridge Drive.	Upgrade facilities to ADA standards	\$11	2023
718000144	Caltrans	Seismic retrofit of one bridge and add LED lighting to one bridge and one tunnel	Transportation	In La Canada Flintridge, from east of Route 2 to west of Angeles Crest Highway, on Alta Canyon Road Overcrossing, Connector Undercrossing and Foothill La Canada Separation	Seismic retrofit of one bridge and add LED lighting to one bridge and one tunnel	\$27	2024
718000149	Caltrans	Install and upgrade video cameras, install guardrail and install MVPs	Transportation	In LA and Ventura Counties on various routes at various locations.	Install and upgrade video cameras, install guardrail and install MVPs	\$19	2024
718000158	Caltrans	Rehabilitate TMS elements, install guardrail, and improve highway worker safety	Transportation	In LA County, on various routes at various locations	Rehabilitate TMS elements, install guardrail, and improve highway worker safety	\$10	2023
718000161	Caltrans	Rehabilitate and install new TMS elements, install guardrail, and enhance highway worker safety	Transportation	In the City of LA, near North Hollywood, from Route 134 to Route 5	Rehabilitate and install new TMS elements, install guardrail, and enhance highway worker safety	\$17	2023

Project ID	Owner	Project / Contract	Sector	Location	Description	Estimated Construction Cost (millions)	Estimated Contract Award (year)
718000179	Caltrans	Upgrade Changeable Message Signs (CMS), upgrade overhead sign structures, construct guardrail and enhance highway worker safety	Transportation	In LA and Ventura Counties at various locations.	Upgrade Changeable Message Signs (CMS), upgrade overhead sign structures, construct guardrail and enhance highway worker safety	\$118	2024
718000180	Caltrans	Upgrade existing fiber communication system and rehabilitate TMS elements, including video cameras, ramp meters, and Changeable Message Signs (CMS)	Transportation	In LA county, on various routes at various locations	Upgrade existing fiber communication system and rehabilitate TMS elements, including video cameras, ramp meters, and Changeable Message Signs (CMS)	\$14	2025
718000186	Caltrans	Upgrade Closed Circuit Television (CCTV) cameras, enhance highway worker safety, construct concrete barriers and guardrail, install crash cushions and install walls	Transportation	In LA and ventura Counties at various locations.	Upgrade Closed Circuit Television (CCTV) cameras, enhance highway worker safety, construct concrete barriers and guardrail, install crash cushions and install walls	\$28	2024
718000189	Caltrans	Seismic retrofit bridge and upgrade guardrails	Transportation	In the city of LA at Connector Undercrossing Bridge at Route 2	Seismic retrofit bridge and upgrade guardrails	\$11	2023
718000191	Caltrans	Upgrade bridge rails, guard rails, upgrade facilities to ADA standards	Transportation	In LA County on various routes at Santa Monica Bridge, First Street Undercrossing, Alvarado Street Separation and Avenue 60 on and offramp Bridge.	Upgrade bridge rails, guard rails, upgrade facilities to ADA standards	\$12	2024
718000220	Caltrans	Rehabilitate culverts	Transportation	Near Castaic from north of Lake Hughes Road to north of Vista Del Lago Road	Rehabilitate culverts	\$17	2021
718000253	Caltrans	Rehabilitate pavement, upgrade signs, rehabilitate bridge, upgrade lighting, improve safety, rehabilitate TMS elements and replace copper cabling with fiber, rehabilitate culverts and upgrade facilities to ADA standards	Transportation	In and near the cities of Long Beach, Signal Hill, LA, and Carson from the OC line to south of Route 110	Rehabilitate pavement, upgrade signs, rehabilitate bridge, upgrade lighting, improve safety, rehabilitate TMS elements and replace copper cabling with fiber, rehabilitate culverts and upgrade facilities to ADA standards	\$89	2024
718000306	Caltrans	Upgrade lighting to Light Emitting Diode (LED) lighting, paint tunnel interiors, and install TMS elements	Transportation	In the city of LA, near Sylmar at Truck Undercrossing Tunnels	Upgrade lighting to Light Emitting Diode (LED) lighting, paint tunnel interiors, and install TMS elements	\$23	2024
718000323	Caltrans	Rehabilitate pavement, upgrade facilities to ADA standards, and upgrade guardrail	Transportation	In and near Malibu, from north of Serra Road to the Ventura County line	Rehabilitate pavement, upgrade facilities to ADA standards, and upgrade guardrail	\$28	204
718000355	Caltrans	Rehabilitate, clean and paint bridge	Transportation	In Commerce and Vernon, at Hobart Rail Yard Overhead	Rehabilitate, clean and paint bridge	\$24	2025
719000005	Caltrans	Replace existing lighting with LED lighting and add TMS elements	Transportation	Near LAX, at three connector tunnels with Route 405	Replace existing lighting with LED lighting and add TMS elements	\$30	2023
719000014	Caltrans	Construct a Maintenance Equipment Training Center (METC)	Transportation	In the city of LA, near Hawthorne, at 5200 W. Imperial Hwy	Construct a Maintenance Equipment Training Center (METC)	\$14	2024
719000026	Caltrans	Rehabilitate roadway, apply HFST, upgrade facilities to ADA standards, upgrade guardrail, upgrade signs, enhance highway worker safety, and rehabilitate landscaping	Transportation	In and near Santa Fe Springs, Whittier, Pico Rivera, Industry and Baldwin Park from Telegraph Road to Route 10	Rehabilitate roadway, apply HFST, upgrade facilities to ADA standards, upgrade guardrail, upgrade signs, enhance highway worker safety, and rehabilitate landscaping	\$208	2023
719000039	Caltrans	Rehabilitate and add new TMS elements and upgrade the communication system at the LARTMC	Transportation	In LA County, on various routes at various locations.	Rehabilitate and add new TMS elements and upgrade the communication system at the LARTMC	\$46	2024
719000062	Caltrans	Rehabilitate pavement, replace concrete barrier, and upgrade sign structures	Transportation	In Santa Fe Springs, Downey and Commerce from south of Route 5 to north of Atlantic Blvd	Rehabilitate pavement, replace concrete barrier, and upgrade sign structures	\$33	2023
719000111	Caltrans	Rehabilitate culverts	Transportation	In the cities of Santa Monica and LA from east of Bundy Dr to west of Hoover St	Rehabilitate culverts	\$10	2024
719000171	Caltrans	Construct roundabout.	Transportation	Near Lancaster, at the intersection with 60th Street West.	Construct roundabout.	\$12	2024
TBD	Southern California Edison	Distribution Major Projects	Utilities	Various locations	Vault Shoring, Cable-In-Conduit Replacement, Vault Lid Restraints, Circuit Tie Upgrades, Distribution Circuit Upgrades, New Circuits, Grid Resiliency-Covered Conductor, Grid Modernization, Cutover Projects, Plant Betterment, Underground Structure Replacement, Underground Cable Replacement	\$280	2020
TBD	Palmdale	Ave P (Rancho Vista) Sierra Hwy/SPRR/SCRRRA Grade Separation	Public Works	Ave P (Rancho Vista) Sierra Hwy	Ave P (Rancho Vista) Sierra Hwy/SPRR/SCRRRA Grade Separation	\$69	2030
TBD	Palmdale	SR138/Palmdale Blvd/SPRR/SCRRRA Crossing (5th East to 10th East)	Public Works	Palmdale Blvd 5th East to 10th East	Highway capacity and upgrades to railroad crossing	\$35	2021
TBD	Palmdale	SR138 (14)/Palmdale Blvd Interchange	Public Works	SR 14 and Palmdale Blvd Interchanges	The purpose of the project is to improve levels of service (LOS) by increasing capacity, reducing congestion, and improving overall operations and safety	\$32	2021

Project ID	Owner	Project / Contract	Sector	Location	Description	Estimated Construction Cost (millions)	Estimated Contract Award (year)
TBD	Palmdale	SR 138 (14)/10th Street W Interchange	Public Works	10th Street West Widening - Rancho Vista to Avenue O-8 and interchange improvement	The purpose of the project is to improve levels of service (LOS) by increasing capacity, reducing congestion, and improving overall operations and safety	\$28	2022
TBD	Palmdale	SR 138 (14)/10th Ave N Interchange	Public Works	SR 14 and Avenue N Interchange	These improvements will help improve level of service by increasing capacity, reducing congestion, and improving overall operations and safety.	\$25	2022
TBD	Duarte	Rio Hondo Ecosystem Restoration & Arcadia Wash Water Diversion	Water/Sanitation	Rio Hondo/San Gabriel Watershed	Ecosystem Restoration	\$60	2023-2026
TBD	Industry	East-West Bicycle Path	Public Works	Industry	Bicycle path along the San Jose Creek maintenance road	\$10	2027
TBD	Industry	Fullerton Road Grade Separation	Public Works	Industry	Grade Separation with UPRR tracks	\$160	2016
TBD	Industry	Fairway Drive Grade Separation	Public Works	Industry & LA County	Grade Separation with UPRR tracks	\$225	2014
TBD	Industry	Turnbull Canyon Road Grade Separation	Public Works	Industry & LA County	Grade Separation with UPRR tracks	\$100	2022
TBD	Industry	Industry Business Center Project	Public Works	Industry	Grading, new roadways, utilities, landscaping and Grand Avenue widening, valued at \$200M, including Traffic Mitigation Projects throughout the region.	\$54	2022
TBD	La Canada	Flint Canyon Wash Restoration	Public Works	Flint Canyon	Wash Restoration	\$10	2021
TBD	La Canada	Soundwall Phase III	Public Works	Flint Canyon	Soundwall	\$11	2021
TBD	La Canada	Soundwall Phase IV	Public Works	Flint Canyon	Soundwall	\$10	2022
TBD	La Canada	Soundwall Phase V	Public Works	Waltonia Drive to Glenhaven Drive; La Granada Way to Vista Pl; La Cañada Blvd. to Angeles Crest, - Commonwealth Ave. to Oakwood Ave.	13 soundwall segments	\$25	2023
TBD	LAUSD	Calabash Charter Academy	School Districts	Calabash Charter Academy	The project includes the removal of 1 DOH portable building, 3 uncertified portable buildings, 1 uncertified portable restroom building, and a book storage building	\$20	2021
TBD	LAUSD	Cleveland Charter HS	School Districts	Cleveland Charter HS	This project includes the construction of new buildings and site improvements with 51 general and specialty classrooms, instructional support spaces, food services	\$163	2022
TBD	LAUSD	Kennedy HS	School Districts	Kennedy HS	Comprehensive Modernization	\$135	2026
TBD	LAUSD	Northridge MS	School Districts	Northridge MS	Paving/Greening/Playground Equipment	\$19	Construction
TBD	LAUSD	Reseda Charter HS	School Districts	Reseda Charter HS	Comprehensive Modernization, Construction of new buildings and site improvements	\$171	2026
TBD	LAUSD	Sherman Oaks Center for Enriched Studies	School Districts	Sherman Oaks Center for Enriched Studies	Comprehensive Modernization, Construction of new buildings and site improvements	\$112	2022
TBD	LAUSD	Taft Charter HS	School Districts	Taft Charter HS	Comprehensive Modernization, Construction of new buildings and site improvements	\$124	2025
TBD	LAUSD	Byrd MS	School Districts	Byrd MS	HVAC: This project replaces the non-traditional heating, ventilation, and air conditioning (HVAC) system	\$32	Construction
TBD	LAUSD	Grant HS	School Districts	Grant HS	Comprehensive Modernization, Construction of new buildings and site improvements	\$175	2024
TBD	LAUSD	Maclay MS	School Districts	Maclay MS	Campus Improvement: The project will expand the existing clinic operated by Northeast Valley Health	\$10	Construction
TBD	LAUSD	North Hollywood HS	School Districts	North Hollywood HS	Comprehensive Modernization, Construction of new buildings and site improvements	\$266	2024
TBD	LAUSD	Olive Vista MS	School Districts	Olive Vista MS	Seismic Modernization: Remove the existing multipurpose building and provide a new multipurpose building	\$43	Construction
TBD	LAUSD	Polytechnic HS	School Districts	Polytechnic HS	Comprehensive Modernization, Construction of new buildings and site improvements	\$184	2023
TBD	LAUSD	Bancroft MS	School Districts	Bancroft MS	HVAC: This project replaces the non-traditional heating, ventilation, and air conditioning (HVAC) system	\$10	2021
TBD	LAUSD	Burroughs MS	School Districts	Burroughs MS	Comprehensive Modernization, Construction of new buildings and site improvements	\$192	2025
TBD	LAUSD	Crenshaw Magnet HS: STEMM	School Districts	Crenshaw Magnet HS: STEMM	Seismic Modernization: Remove the existing multipurpose building and provide a new multipurpose building	\$89	Construction
TBD	LAUSD	Fairfax HS	School Districts	Fairfax HS	HVAC: This project replaces the non-traditional heating, ventilation, and air conditioning (HVAC) system	\$14	Construction
TBD	LAUSD	Hamilton HS	School Districts	Hamilton HS	Comprehensive Modernization, Construction of new buildings and site improvements	\$234	2027
TBD	LAUSD	Shenandoah ES	School Districts	Shenandoah ES	Comprehensive Modernization, Construction of new buildings and site improvements	\$68	2025
TBD	LAUSD	Venice HS	School Districts	Venice HS	Comprehensive Modernization, Construction of new buildings and site improvements	\$144	2022
TBD	LAUSD	Webster MS	School Districts	Webster MS	Paving/Greening/Playground Equipment	\$10	Construction
TBD	LAUSD	Westchester Enriched Sciences Magnets	School Districts	Westchester Enriched Sciences Magnets	Access Compliance: This project upgrades the following facilities to comply with the ADA	\$17	2021
TBD	LAUSD	28th St. ES	School Districts	28th St. ES	HVAC: This project replaces the non-traditional heating, ventilation, and air conditioning (HVAC) system	\$15	2021
TBD	LAUSD	Ascot ES	School Districts	Ascot ES	Comprehensive Modernization, Construction of new buildings and site improvements	\$93	2024
TBD	LAUSD	Dahlia Heights ES	School Districts	Dahlia Heights ES	Addition: This project replaces 5 classrooms located in 3 relocatable buildings of which 2 of the classrooms are in DOH portable does not comply with state standards	\$13	2022
TBD	LAUSD	Eagle Rock HS	School Districts	Eagle Rock HS	Seismic Modernization	\$15	Construction
TBD	LAUSD	Eagle Rock HS	School Districts	Eagle Rock HS	Access Compliance: This project upgrades the following facilities to comply with the ADA	\$11	2021
TBD	LAUSD	Foshay Learning Center	School Districts	Foshay Learning Center	Seismic Modernization	\$76	Construction

Project ID	Owner	Project / Contract	Sector	Location	Description	Estimated Construction Cost (millions)	Estimated Contract Award (year)
TBD	LAUSD	Jefferson HS	School Districts	Jefferson HS	Comprehensive Modernization, Construction of new buildings and site improvements	\$168	2025
TBD	LAUSD	Main ES	School Districts	Main ES	HVAC: This project replaces the non-traditional heating, ventilation, and air conditioning (HVAC) system	\$14	Construction
TBD	LAUSD	1st St. ES	School Districts	1st St. ES	Seismic Modernization	\$25	Construction
TBD	LAUSD	Belvedere MS	School Districts	Belvedere MS	Comprehensive Modernization, Construction of new buildings and site improvements	\$159	2025
TBD	LAUSD	Chavez ES	School Districts	Chavez ES	HVAC: This project replaces the non-traditional heating, ventilation, and air conditioning (HVAC) system	\$13	Construction
TBD	LAUSD	Elizabeth Learning Center	School Districts	Elizabeth Learning Center	Comprehensive Modernization, Construction of new buildings and site improvements	\$134	2025
TBD	LAUSD	Huntington Park HS	School Districts	Huntington Park HS	Comprehensive Modernization, Construction of new buildings and site improvements	\$150	2024
TBD	LAUSD	International Studies Learning Center	School Districts	International Studies Learning Center	construct new school facilities	\$38	Construction
TBD	LAUSD	Lincoln HS	School Districts	Lincoln HS	Comprehensive Modernization, Construction of new buildings and site improvements	\$216	2027
TBD	LAUSD	Roosevelt HS	School Districts	Roosevelt HS	Comprehensive Modernization, Construction of new buildings and site improvements	\$181	2023
TBD	LAUSD	156th St. ES	School Districts	156th St. ES	Addition: This project replaces 8 classrooms located in 4 relocatable buildings of which 2 of the classrooms are in DOH portable does not comply with state standards	\$19	Construction
TBD	LAUSD	92nd St. ES	School Districts	92nd St. ES	Comprehensive Modernization, Construction of new buildings and site improvements	\$76	2024
TBD	LAUSD	Carson HS	School Districts	Carson HS	Access Compliance: This project upgrades the following facilities to comply with the ADA	\$17	2021
TBD	LAUSD	Friedman Occupational Center (LD Central)	School Districts	Friedman Occupational Center (LD Central)	HVAC: This project replaces the non-traditional heating, ventilation, and air conditioning (HVAC) system	\$15	2022
TBD	West Hollywood	Deign District Streetscape Project (Melrose Ave, Bevelry Blvd, Robertson Blvd, Almont Dr, LaPeer Dr)	Public Works	West Hollwood	Reconstruct the roadway, new landscape, decorative streetlights, new trees, traffic signals, striping, gathering places with public art pieces, etc.	\$20	2022
TBD	CLAREMONT	W.M. Keck Science Center	Academia	925 North Mills Avenue 900 AMHERST AVENUE,	Planning Schematics	\$55	TBD
TBD	LA VERNE	University of La Verne Campus Revitalization	Academia	1950 3rd Street	Planning Schematics	\$75	TBD
TBD	CLAREMONT	HMC Residence Hall 2	Academia	Platt Blvd	Planning	\$50	TBD
TBD	Azusa	Azusa Pacific East and West Campus Dorms	Academia	Azusa	Planning	\$100	TBD
TBD	Pomona	Fuller Theological Seminary Pomona Campus	Academia	Pomona	Planning	\$50	TBD
TBD	PASADENA	Art Center College of Design South Campus	Academia	870 S Raymond	Planning	\$100	TBD
TBD	Pomona College	Pomona College Rains Athletic & Recreation Center	Academia	550 Harvard Ave	Framing updated via source confirmation - Target completion Undetermined	\$55	Construction
TBD	Kaiser Foundation Hospital	Kaiser Permanente School of Medicine	Academia	94 S Los Robles Avenue	Construction underway - Correcting GC - Target completion 2019	\$52	Construction
TBD	Pepperdine University	Seaside Residence Hall	Academia	24255 Pacific Coast Hwy	Foundations underway - Target completion August 2018	\$120	Construction
TBD	USC	USC Village: Academic Space/Student Housing/Retail Phase 1	Academia	West Jefferson Blvd St at	Construction continues - Target completion Fall 2017	\$300	Construction
TBD	USC	USC Biomedical Research Park	Academia	1923 Zonal Ave	Planning	\$50	Planning
TBD	Loyola Marymount	Loyola Marymount Residence Halls	Academia	Loyola	Construction	\$90	Construction
TBD	UCLA	Hilgard Faculty Housing	Academia	UCLA			2021
TBD	UCLA	Public Affairs Seismic Improvements	Academia	UCLA			2021
TBD	UCLA	CHS Emergency Power Upgrade	Academia	UCLA			2021
TBD	UCLA	Rosenfeld Hall Expansion & Renovation	Academia	UCLA			2020
TBD	UCLA	Faculty Center Seismic & Infrastructure Improvements	Academia	UCLA			2020
TBD	UCLA	Electrical Distribution System Expansion Step 6C	Academia	UCLA			2020
TBD	UCLA	Veteran Ave. Sewer Improvements	Academia	UCLA			2020
TBD	UCLA	CHS 63-127 Lab Renovation	Academia	UCLA			2020
TBD	UCLA	Engineering IV Fume Hood Exhaust Replacement	Academia	UCLA			2020
TBD	UCLA	MRL 4230 BSL-3 Lab Renovation	Academia	UCLA			2020
TBD	UCLA	Delta Terrace Shower Waterproofing Repairs	Academia	UCLA			2021
TBD	UCLA	MP 100 Suite 700 Clinic Renovation	Academia	UCLA			2020
TBD	UCLA	RRUMC 5th Floor NICU Expansion	Academia	UCLA			2020

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TBD	UCLA	RRUMC - AHU Modifications	Academia	UCLA			2020
TBD	UCLA	MP 200 B265-42 MRI / CT / HDR Installation	Academia	UCLA			2020
TBD	UCLA	MP 200 Cooling Tower Installation & Replacement	Academia	UCLA			2020
TBD	UCLA	MP 100 Suite 100 MRI & CT Replacement	Academia	UCLA			2021
TBD	UCLA	RRUMC 5th Floor Child Life Play Area Renovation	Academia	UCLA			2020
TBD	UCLA	RRUMC 2430 Hybrid OR Renovation	Academia	UCLA			2020
TBD	UCLA	SMUMC MNP Air Handling Unit #7 Replacement	Academia	UCLA			2020
TBD	UCLA	CHS 14-215 Center for Employee Health Renovation	Academia	UCLA			2020
TBD	UCLA	RRUMC Procedure Room Relocation	Academia	UCLA			2020
TBD	UCLA	26585 Agoura Road New Elevator	Academia	UCLA		\$1,500	2020
TBD	LAUSD	Contreras Learning Complex - Synthetic Turf & Slope Remediation	School Districts	LAUSD - Contreras Learning Complex	Paving/Greening/Playground Equipment	\$14	2021
TBD	City of Baldwin Park	Barnes Park	Water/Sanitation	Upper San Gabriel River	Wet - Treatment Facility	\$17	
TBD	LA County	Bassett High School Stormwater Capture Multi-Benefit Project	Water/Sanitation	Upper San Gabriel River	Wet - Infiltration Facility	\$62	
TBD	City of Beverly Hills	Beverly Hills Burton Way Green Street and Water Efficient Landscape Project	Water/Sanitation	Central Santa Monica Bay	Wet - Infiltration Facility	\$11	
TBD	City of Lakewood	Bolivar Park	Water/Sanitation	Lower San Gabriel River	Wet - Infiltration Facility	\$11	
TBD	City of Bellflower	Caruthers Park	Water/Sanitation	Lower San Gabriel River	Dry - Infiltration Facility	\$13	
TBD	City of Cerritos	Cerritos Sports Complex	Water/Sanitation	Lower San Gabriel River	Wet - Infiltration Facility	\$45	
TBD	City of San Fernando	City of San Fernando Regional Park Infiltration Project	Water/Sanitation	Upper LA River	Wet - Infiltration Facility	\$13	
TBD	Dept. of Toxic Substances Control	Dept. of Toxic Substances Control - Construction Project	Water/Sanitation	LA- Whittier Narrows Operable Unit	Allow for increased extraction by utilizing treated water from WNOU for potable water supply; improvements will enable DTSC to pump at the target extraction rate needed to provide entertainment, treatment, and remediation of VOC contamination in groundwater that serves at drinking water	\$13	2022
TBD	LA County	East LA Sustainable Median Stormwater Capture Project	Water/Sanitation	Rio Hondo	Dry - Infiltration Well	\$37	
TBD	City of LA, Bureau of Sanitation	Echo Park Lake Rehabilitation	Water/Sanitation	Upper LA River	Wet - Treatment Facility	\$37	
TBD	City of Long Beach	El Dorado Regional Project	Water/Sanitation	Lower San Gabriel River	Wet - Treatment Facility	\$12	
TBD	City of Glendora	Finkbinder Park Stormwater Capture Project	Water/Sanitation	Upper San Gabriel River	Wet - Treatment Facility	\$25	
TBD	City of Downey	Furman Park Stormwater Capture & Infiltration Project	Water/Sanitation	Lower Los Angeles River	Wet - Infiltration Facility	\$16	
TBD	Gateway Water Mgmt. Authority	Gateway Water Mgmt Authority John Anson Ford Park Infiltration Cistern, Phase 1 - Construction Project	Water/Sanitation	JA Ford Park	Divert and retain storm runoff from a 3 square mile urban catchment into a cistern below JA Ford Park for reuse and recharge; includes planning, permitting, parking lot, diversion, and dry-weather cistern construction tasks	\$11	2021
TBD	City of LA	Harbor City Greenway O&M	Water/Sanitation	South Santa Monica Bay	Wet - Treatment Facility	\$25	
TBD	City of Norwalk	Hermosillo Park	Water/Sanitation	Lower San Gabriel River	Wet - Infiltration Facility	\$20	
TBD	City of Bell Gardens	John Anson Ford Park Infiltration Cistern	Water/Sanitation	Lower Los Angeles River	Wet - Cistern	\$18	
TBD	LA Flood Control District	LA Flood Control District West Coast Basin Barrier (Manhattan Beach Wells) - Construction Project	Water/Sanitation	Manhattan Beach and Hermosa Beach	Planning, design and construction of 11 new injection wells which provide a sea water intrusion barrier and will protect drinking water supply wells in those cities; destruction of 8 existing injection wells	\$14	2022
TBD	County of LA Dept. of Parks and Rec.	Magic Johnson Stormwater Mgmt Project	Water/Sanitation	EMJ South Lake	Creation of a biofiltration garden that integrates native riparian vegetation to imitate a natural wetland filtration process, allowing for filtration of dirty runoff water & greywater to be cleaned & stored in South Lake	\$47	2020
TBD	City of Lakewood	Mayfair Park	Water/Sanitation	Lower San Gabriel River	Dry - Treatment Facility	\$14	
TBD	LA Flood Control District	Rory M. Shaw Wetlands Park Project	Water/Sanitation	Upper LA River	Wet - Treatment Facility	\$85	
TBD	City of Huntington Park	Salt Lake Park Infiltration Cistern	Water/Sanitation	Lower Los Angeles River	Wet - Cistern	\$26	
TBD	City of Long Beach	Skylinks Golf Course at Wardlow Stormwater Capture Project	Water/Sanitation	Lower San Gabriel River	Wet - Treatment Facility	\$10	
TBD	City of Paramount	Spane Park	Water/Sanitation	Lower Los Angeles River	Wet - Infiltration Facility	\$11	
TBD	City of Santa Monica	Sustainable Water Infrastructure Project	Water/Sanitation	Central Santa Monica Bay	Wet - Cistern	\$15	
TBD	Water Replenishment District of Social	Water Replenishment District of Southern CA - LA Perchlorate and VOC Cleanup Phase 1- Construction Project	Water/Sanitation	LA Forebay Area	groundwater treatment system & providing cleanup of a groundwater hotspot area thats polluted by VOC and perchlorate	\$11	2023
TBD	West Basin MWD	West Basin MWD- Carson Regional Water Recycling Facility Phase IIB	Water/Sanitation	Tesoro Canyon Refinery	Increase supply of recycled water by 2.59 million gallons per day (MGD) by use of Membrane Biological Reactor treatment	\$13	2021
TBD	City of Covina	Wingate Park Regional EWMP Project	Water/Sanitation	Upper San Gabriel River	Wet - Treatment Facility	\$25	

Project ID	Owner	Project / Contract	Sector	Location	Description	Estimated Construction Cost (millions)	Estimated Contract Award (year)
TBD	Santa Clarita	Vista Canyon Road Bridge (Soledad Canyon Road at Lost Canyon Road)	Public Works	Santa Clarita - Canyon Country	This project will provide access from Soledad Canyon Road in the Canyon Country area of Santa Clarita to the future Vista Canyon Metrolink station. In addition to the bridge, improvements will be completed at the Soledad Canyon Road/Vista Canyon Road intersection. These improvements include a new traffic signal and extension of the existing westbound left-turn pocket to accommodate commuters and other users of the Vista Canyon Metrolink Station.	\$22	TBD
TBD	Santa Clarita	Dockweiler Drive Extension (Beginning at Lyons Avenue and Railroad Avenue)	Public Works	Santa Clarita - Newhall	This project will provide a critical east-west link that would provide a through connection from Sierra Highway to Railroad Avenue. This alignment would require improvements to Arch Street and 13th Street along with a fully upgraded railroad crossing at 13th Street and Railroad Avenue. Additionally, roadway improvements include a four-lane roadway with a raised median, sidewalk/parkway, and a Class 1 trail.	\$28	2022
TBD	Whittier	Greenway Trail Extension	Public Works	Whittier/Mills Ave. to ECL	Construct a 2.3 miles class-1 bike pathway, limited landscaping, signage and safety fencing to separate the trail from the active rail line.	\$14	2020
TBD	Whittier	Uptown Whittier Parking Structure	Public Works	Whittier/Comstock Ave.	Construct a 3.5 level structure that will provide 351 parking stalls, provide electric vehicle charging stations, and will have conduit for future solar panels.	\$11	2019
TBD	Whittier	Central Library Remodel	Public Works	Whittier/Central Library	Remodel outdated mechanical, electrical and plumbing systems. Construct a minor building expansion that would add up to 3825 square feet of space in order to maintain the current amount of usable building floor area.	\$14	2019
TBD	Whittier	Uptown Whittier Streetscape	Public Works	Whittier/Greenleaf Ave.	Landscaping beautification of Greenleaf Ave. including safety lighting and signage.	\$16	2022
TBD	Whittier	Hot Spots Projects	Public Works	Whittier Blvd at Santa Fe., Painter and Comstock Ave.	Improve operational efficiency to I-605 interchange.	\$10	2021
TBD	Whittier	Whittier Blvd. Acquisition from Caltrans	Public Works	Whittier Blvd. from ECL to WCL	Widening and ADA improvements.	\$15	2025
TBD	Whittier	Remodel Old Police Building	Public Works	Whittier/Penn St. and Painter Ave.	Construct a community group space.	\$10	2022
TBD	Glendora	Route 66 Revitalization Project	Public Works	Glendora Avenue to Cataract Avenue	Water main replacement, Street Rehabilitation, and traffic signals upgrades	\$13	2022
TBD	Southern California Edison	El Nido 220/66 (S)	Utilities	Hawthorne	El Nido-Lennox 66 kV Subtransmission Line - Construct 5 miles of new 954 SAC line	\$13	2020-2022
TBD	Southern California Edison	El Nido 220/66 (S) - El Nido-Felton-La Cienega 66 kV Subtransmission Line	Utilities	Culver City	Construct 0.5 mile of 3000 Cu. and 0.1 mile of 954 SAC into Felton Substation.	\$13	2020-2022
TBD	Southern California Edison	Harrison MOS - New 220 kV Gas Insulated Switchgear (GIS) - Harrison (Formerly Petrol, Torc) Substation	Utilities	Long Beach	Harrison MOS - New 220 kV Gas Insulated Switchgear (GIS) - Harrison (Formerly Petrol, Torc) Substation	\$42	2020-2022
TBD	Southern California Edison	Hinon 220/66 (S)	Utilities	Long Beach	Replace (31) 66 kV Circuit Breakers	\$10	2020-2022
TBD	Southern California Edison	Lancaster 66/12	Utilities	Lancaster	Increase No 2 Bank Capacity and add one new 12 kV Circuit	\$12	2020-2022
TBD	Southern California Edison	Medicine "Harbor UCLA MOS" Substation AFA01407 - La Fresa 'B' 220/66	Utilities	Carson	Medicine "Harbor UCLA MOS" Substation AFA01407 - La Fresa 'B' 220/66	\$15	2020-2022
TBD	Southern California Edison	Mesa Substation	Utilities	Arcadia	500kV, 220kV, 66kV, 16kV Substation and necessary associated line work on and adjacent to substation site.	\$646	2020-2022
TBD	Linear Park Project	Artesia/Norwalk Flood Control Channel from NCL to SCL	Public Works	Hawaiian Gardens	Convert the existing open flood control channel to a box channel with storm water infiltration capabilities then construct a passive park, walking path above the box channel	\$30	2025
TBD	South Gate	Urban Orchard	Water/Sanitation	9475 W. Frontage Road	Construct a stormdrain system to divert water from the Bandini Channel to irrigate a new passive recreation park with nature base amenities.	\$20	2020
TBD	Central Basin Municipal Water District	Multiple projects including Montebello Hills Development, Gateway Cities Water Management Authority pipeline project, and Customer Conversion for Disadvantaged Communities projects	Water/Sanitation	Montebello Hills Project - 34.029277, -118.088066 34°01'45.4"N 118°05'17.0"W	16-inch pipeline from Lincoln Ave. north for 2,600 linear-feet (LF) on Montebello Blvd. to project area	\$25	2021-2025
TBD	Walnut Valley Water District (WVWD)	2011 Master Plan update with 167,000 feet of pipeline and 3 storage tanks, incl. reservoir at Spadra	Water/Sanitation	Spadra site storage tank (34°02'19.9"N 117°49'29.3"W / 34.038847, -117.824800); Mt.San Antonio College (1100 N Grand Ave, Walnut, CA 91789)	Spadra site storage tank; Mt.San Antonio College (1100 N Grand Ave, Walnut, CA 91789)	\$36	2021-2025
TBD	Santa Clarita Valley Water Agency (SCVWA)	Recycled Water Program, Phase 2C	Water/Sanitation	South End sites; 34.403766, -118.566532	New transmission main from Valencia Blvd/The Old Rd to Newhall Elementary School. Alignment runs east on Valencia Blvd, south on Rockwell Canyon to McBean Parkway. From here, 2 alternatives: continue on McBean or go along stormwater drainage channel.	\$15	2021-2025
TBD	City of Lancaster	Distribution pipeline extension to 30th W and Avenue K; Replace temporary pipeline connection, upgrade pump, and construct storage tank	Water/Sanitation	Serve Antelope Valley College (3041 W Ave K, Lancaster, CA 93536), Rawley Duntler Park (3334 W Ave K, Lancaster, CA 93534), and landscape management sites along Avenue K from 10th St. W to 30th St W., Lancaster, CA	Pipeline along Avenue K from 10th St. W to 30th St W., Lancaster, CA; upgrades at Lancaster WRP, and install pipeline from Lancaster WRP to temporary connection point at Avauene E and Division St.	\$20	2021-2025

Project ID	Owner	Project / Contract	Sector	Location	Description	Estimated Construction Cost (millions)	Estimated Contract Award (year)
TBD	Palmdale Water District (PWD)	Palmdale Regional Groundwater Recharge & Recovery Project, Phase 1 (initial deliveries)	Water/Sanitation	Recharge proposed near 34.658917, -117.947139	Palmdale Regional Groundwater Recharge & Recovery Project, Phase 1 (initial deliveries)	\$48	2021-2025
TBD	Los Angeles County Sanitation Districts (LACSD)	Whittier Narrows WRP recycled water production upgrades	Water/Sanitation	Recycled Water produced at 301 N. Rosemead Boulevard, El Monte, CA 91733, and served to customers systemwide	Whittier Narrows WRP recycled water production upgrades	\$10	2021-2030
TBD	City of Pomona	First 3 segments of Master Plan	Water/Sanitation	City of Pomona, CA	First 3 segments of Master Plan	\$21	2021-2030
TBD	City of Pomona	Final 7 segments of Master Plan	Water/Sanitation	City of Pomona, CA	Final 7 segments of Master Plan	\$52	2021-2030
TBD	Santa Clarita Valley Water Agency (SCVWA)	Recycled Water Program, Phase 2A	Water/Sanitation	Central Park (27150 Bouquet Canyon Rd, Santa Clarita, CA 91350); River Village HOA (Fairfield Way, Santa Clarita, CA 91350); Bridgeport HOA (23521 Bridgeport Ln, Santa Clarita, CA 91355)	new transmission main from Valencia WRP to Central Park - north on Rye Canyon Rd from VWRP to Nehwall Ranch Rd, then to Bouquet Canyon Rd. From here, 3 alternatives: Bouquet Canyon Rd., Central Park South without Tank, Central Park South with Tank.	\$19	2021-2030
TBD	City of Lancaster	Pump and storage tank installation; Distribution pipeline extension to parks soccer fields	Water/Sanitation	Soccer fields: 43000 30th Street East, Lancaster, CA 93535, storage tank near 34.711189, -118.129825	Pipeline along Avenue L from Sierra Highway to 35th St. East	\$17	2021-2030
TBD	Palmdale Water District (PWD)	Palmdale Regional Groundwater Recharge & Recovery Project, Phase 1 (increased deliveries)	Water/Sanitation	Recharge proposed near 34.658917, -117.947139	Palmdale Regional Groundwater Recharge & Recovery Project, Phase 1 (increased deliveries)	\$20	2021-2030
TBD	Southern California Edison	NBC Universal Expansion Project: Install new Under Ground Macneil-Studio 66kV Subtransmission Line and associated systems	Utilities	Beverly Hills	Remove the existing 66kV switch rack, Circuit Breakers and controls at Studio Substation. Construct a new 66kV GIS switch rack, Capacitor Bank, and controls. Rebuild approximately 13 miles of existing 66kV line. Construct a new 3-mile 66kV Under Ground line. Additional work at McNeil, Universal City, and Beverly Hills Substations. Construct approximately 39,000 ft of new FO cable.	\$61	2020-2022
TBD	Southern California Edison	Substation Construction & Maintenance Major Projects	Utilities	Various locations	4kV Substation removal, Circuit Breakers, Centralized Remedial Action Scheme, Distribution Substation Projects, Electrical Metering Services, Physical Security, Protection, Reliability Driven Substation Automation, Substation Automation, Substation Equipment, Substation Rebuild, Substation Transmission Line Relay Upgrade, Transmission Line Rating Remediation, Transformer	\$136	2020
TBD	Southern California Edison	Tapia Substation (66/16kV)	Utilities	Malibu	Rebuild 66kV GIS, 16kV Switchrack, Replace Transformers and associated scope	\$15	2020-2022
TBD	Southern California Edison	TOT840 Alamitos Energy Center Repower	Utilities	Long Beach	TOT840 Alamitos Energy Center Repower - Phase 2	\$10	2020-2022
TBD	Southern California Edison	Transmission Major Projects	Utilities	Various locations	Added facilities customer projects, Added facilities SCE projects, Deteriorated Poles, High Fire Poles, FAA Marker Balls, Interconnected Facilities Customer Projects, Interconnected Facilities SCE Projects, Small Civil Capital, Transmission Line Rating Remediation, Transmission Infrastructure Replacement, Transmission Relocation, Transmission Substation Projects	\$210	2020
TBD	Southern California Edison	Vincent Substation Physical Security Project	Utilities	Palmdale	Vincent Substation Control Center: <ul style="list-style-type: none"> Replace and or modify substation perimeter with 10' concrete wall. Replace and or modify gates with auto and manual gates. Install AC panel and power, pole foundations, conduit and conductor for security requirements. Install transformer fire walls as required. 	\$80	2020-2022
TBD	Southern California Edison	Wild Fire Covered Conductor	Utilities	Various locations	Install covered conductor Bootlegger Circuit	\$20	2020
TBD	Southern California Edison	Wild Fire Covered Conductor	Utilities	Various locations	Install covered conductor Davenport Circuit	\$22	2020
TBD	Southern California Edison	Wild Fire Covered Conductor	Utilities	Various locations	Install covered conductor Hughes Lake Circuit	\$66	2020
TBD	Southern California Edison	Wild Fire Covered Conductor	Utilities	Various locations	Install covered conductor Shovel Circuit	\$15	2020
TBD	Southern California Edison	Wild Fire Covered Conductor	Utilities	Various locations	Install covered conductor Tejon Circuit	\$11	2020
TBD	Southern California Edison	Wild Fire Covered Conductor	Utilities	Various locations	Install covered conductor Tennesco Circuit	\$57	2020
TBD	Southern California Edison	Wild Fire Covered Conductor	Utilities	Various locations	Install covered conductor Titan Circuit	\$24	2020
TBD	Southern California Edison	Wild Fire Covered Conductor	Utilities	Various locations	Install covered conductor Anton Circuit	\$11	2021
TBD	Southern California Edison	Wild Fire Covered Conductor	Utilities	Various locations	Install covered conductor Pick Circuit	\$14	2021
TBD	Southern California Edison	Wild Fire Covered Conductor	Utilities	Various locations	Install covered conductor Bouquet Circuit	\$11	2021
TBD	Southern California Gas Company	L225-P1A	Utilities	Castaic	Test	\$10	2021
TBD	Southern California Gas Company	PSEP-V-235-335 West-GRC-Agua Dulce Cyn	Utilities	Agua Dulce	Valve	\$1	2020
TBD	Southern California Gas Company	PSEP-V-235-335 West-GRC-Shannon Valley	Utilities	Acton	Valve	\$1	2021

Project ID	Owner	Project / Contract	Sector	Location	Description	Estimated Construction Cost (millions)	Estimated Contract Award (year)
TBD	Southern California Gas Company	PSEP-V-L225 Forest Service-GRC-Forest Inn Rd	Utilities	Castaic	Valve	\$3	2021
TBD	Southern California Gas Company	PSEP-V-L225 Forest Service-GRC-Old Ridge Route	Utilities	Castaic	Valve	\$3	2021
TBD	Southern California Gas Company	PSEP-V-L765-GRC-Linsley and Atlantic	Utilities	East Compton	Valve	\$4	2020
TBD	Southern California Gas Company	V-SL32-21-GRC-Crosby St	Utilities	Altadena	Valve	\$2	2019
TBD	Southern California Gas Company	Facilities-PDR Storage-Replacement of Waste Water Transit Line (1)	Utilities	LA County (Flood Control Channel Section)		\$13	2021
TBD	Southern California Gas Company	Facilities-Aliso Cyn Storage-P30 FF38 Isolation Valves	Utilities	LA County		\$12	2020
TBD	Southern California Gas Company	K-50 Aliso Canyon Compressor Upgrade	Utilities	LA County		\$4	TBD
TBD	Southern California Gas Company	Slauson x Buckler DREAMS Main Replacement	Utilities	Los Angeles	Dist Main	\$1	2020
TBD	Southern California Gas Company	Golden Valley x Plum Pressure Betterment	Utilities	Santa Clarita	Dist Main	\$1	2020
TBD	Southern California Edison	Cerritos Channel Transmission line Relocation Project	Utilities	Long Beach	Relocate existing SCE facilities crossing the Cerritos Channel in the Port of Long Beach to accommodate a larger class of container ship. Remove foundations adjacent to Pier 5 to accommodate a future widening of Cerritos Channel.	\$151	2020-2022

Appendix C

Recovery Indicators,
CBRE Research,
June 10, 2020

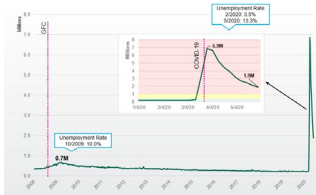
RECOVERY INDICATORS

UPDATED JUNE 10, 2020

ECONOMIC INDICATORS

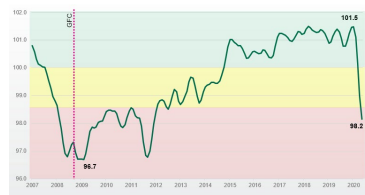
Jobless Claims (W)

Current State: ● Trend: ▲



U.S. Consumer Confidence Index (M)

Current State: ● Trend: ▼



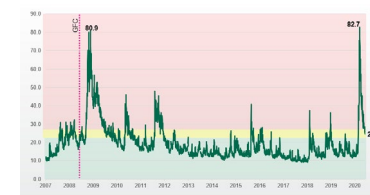
U.S. BBB-rated Corp. Bond Yield Index (W)

Current State: ● Trend: ▲



CBOE Volatility Index (VIX) (D)

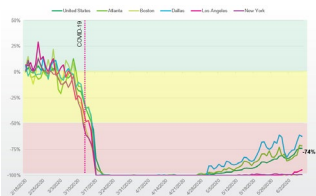
Current State: ● Trend: ▲



MOBILITY INDICATORS

Restaurant Diners (D)

Current State: ● Trend: ▲



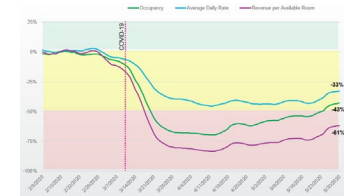
Air Travel (D)

Current State: ● Trend: ▲



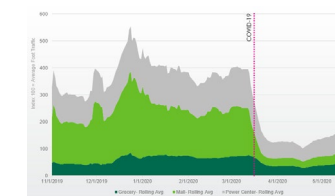
Hotel Demand (D)

Current State: ● Trend: ▲



Shopping Center Foot Traffic (D)

Current State: ● Trend: ▲



People Mobility (D)

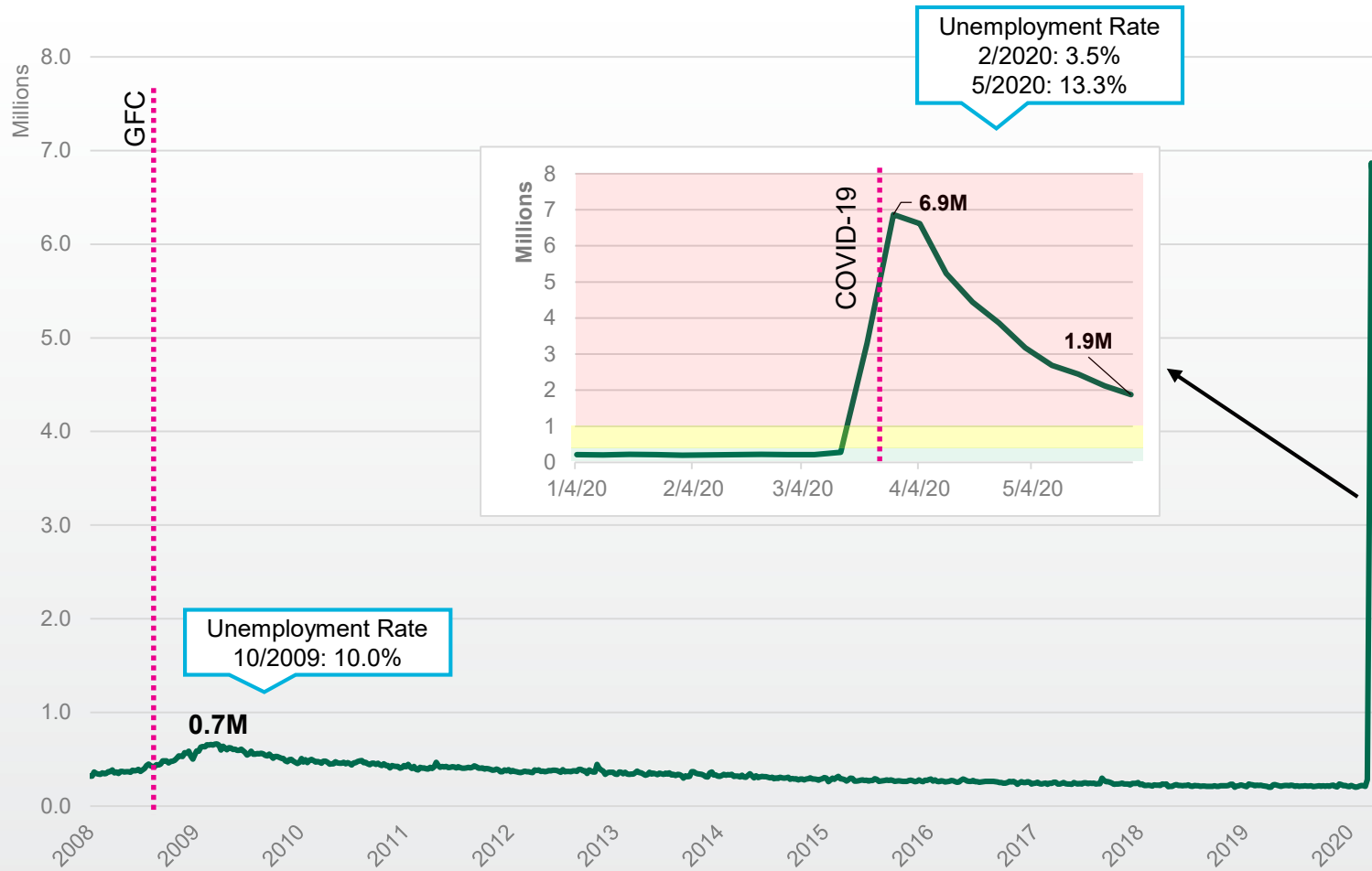
Current State: ● Trend: ▲



* Frequency of which the data is updated: (M) = monthly; (W) = weekly; (D) = daily

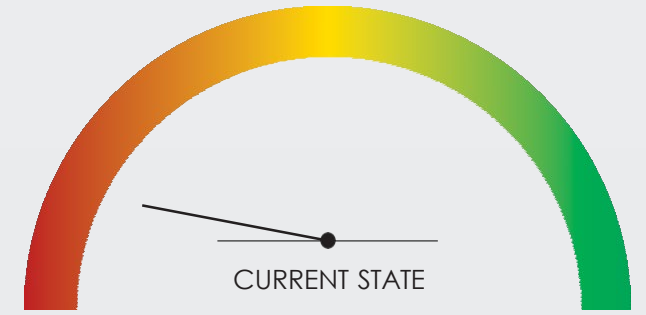
JOBLESS CLAIMS

Weekly Initial Jobless Claims



Source: Federal Reserve Economic Data, data as of May 30, 2020

ECONOMIC INDICATORS



CURRENT STATE

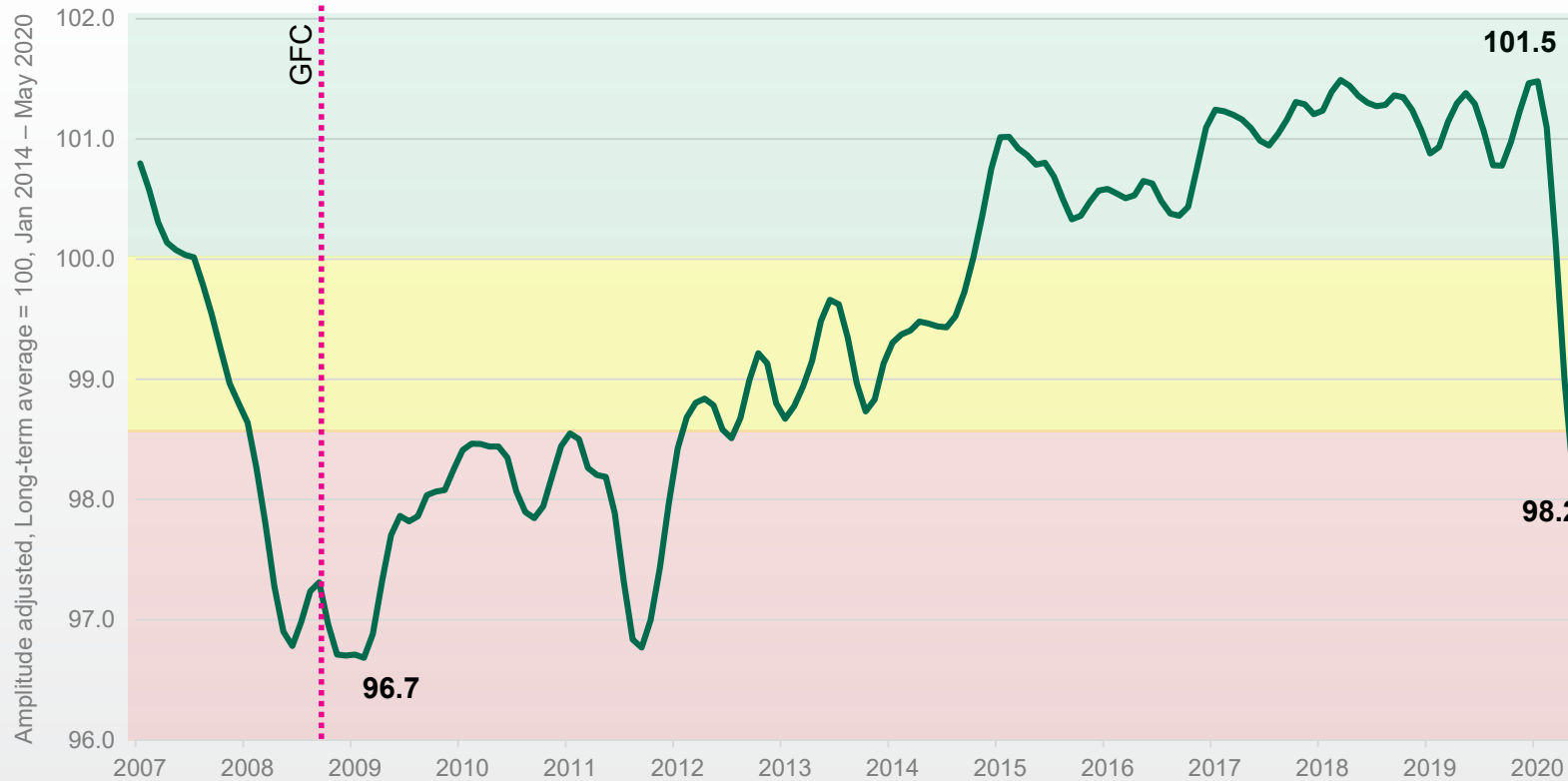
- The weekly initial jobless claims peaked at 6.9 million mid-March, declining to 1.9 million the week of May 30.

TREND

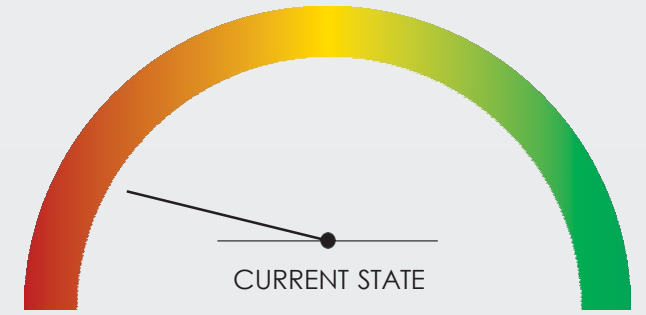
- Decline in initial weekly jobless claims for prior 9 weeks, but still exceptionally high.

U.S. CONSUMER CONFIDENCE INDEX (CCI)

Consumer Confidence Index (Monthly)



Source: OECD (2020), Consumer confidence index (CCI) (indicator). doi: 10.1787/46434d78-en (Accessed on 10 June 2020)



CURRENT STATE

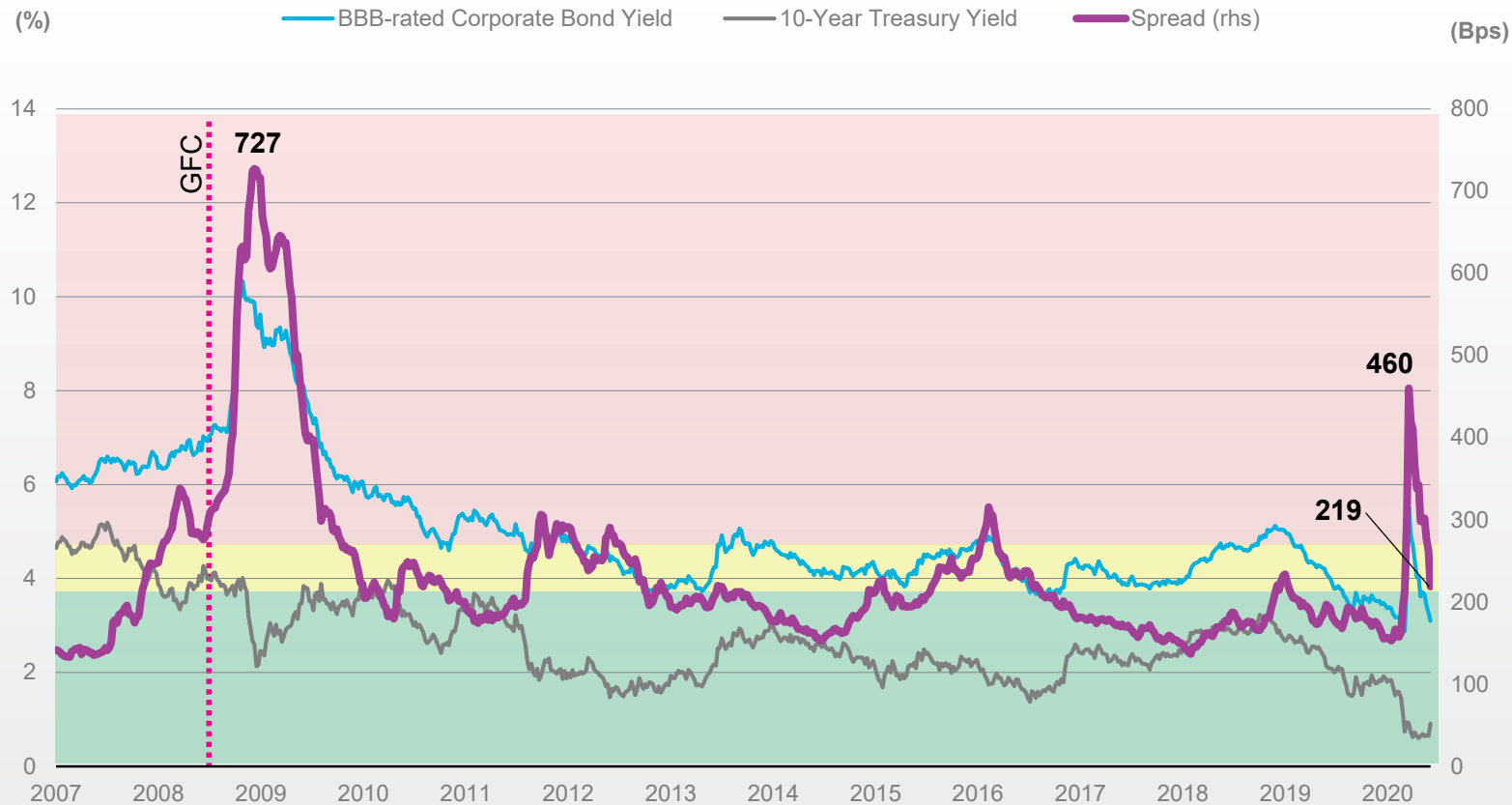
- Consumer Confidence Index of 98.2, down from 101.5 in January, 2020.

TREND

- 4 consecutive months of declining consumer confidence.

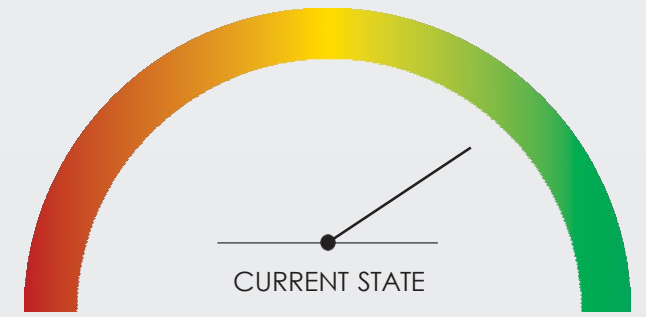
U.S. BBB-RATED CORPORATE BOND YIELD

Spread over 10-yr Treasury



Source: Macrobond, CBRE Research; as of June 7, 2020

ECONOMIC INDICATORS



CURRENT STATE

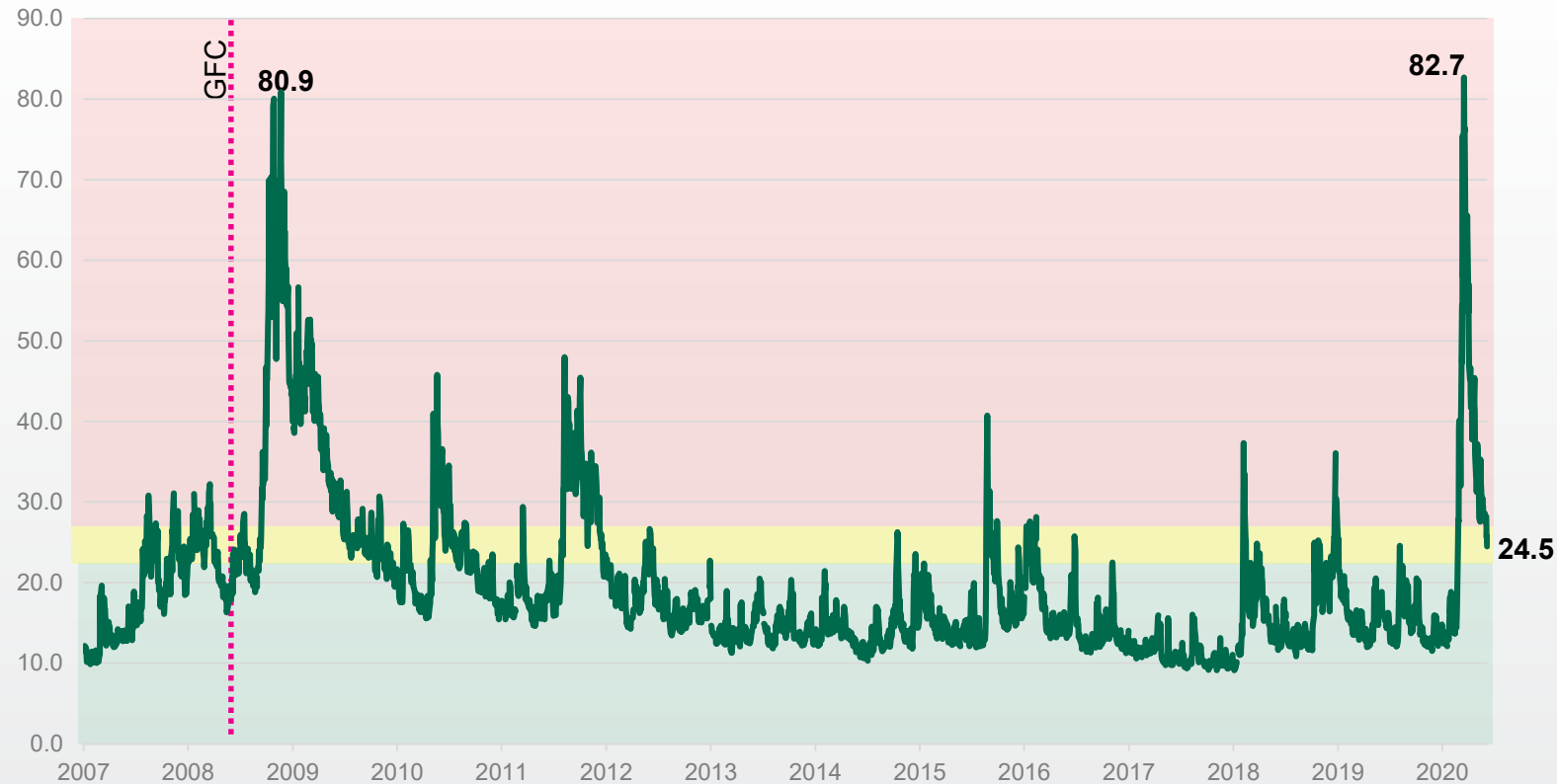
- Yield spread of 219, up slightly from the 2010-2019 average of 204.

TREND

- Yield spreads have compressed significantly after widening in mid-March.

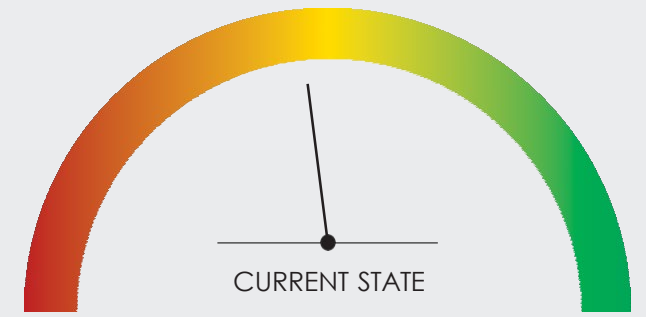
CBOE VOLATILITY INDEX (VIX)

Volatility Index



Source: Federal Reserve Economic Data, as of June 5, 2020

ECONOMIC INDICATORS



CURRENT STATE

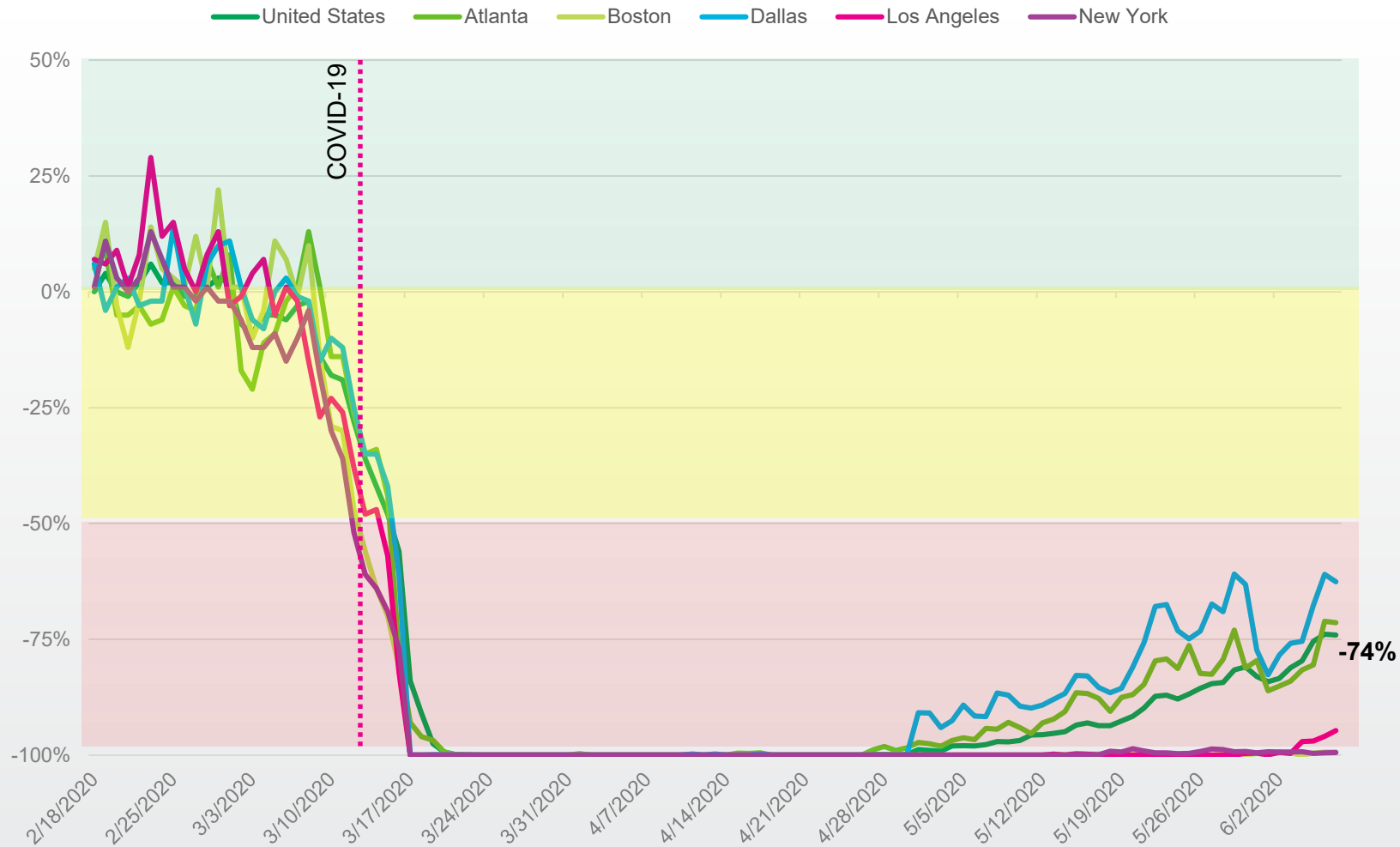
- As of June 5, VIX of 24.5 compared to the 2010-2019 average of 16.9.

TREND

- VIX stabilizing after reaching an all-time high of 82.7 in mid-March.

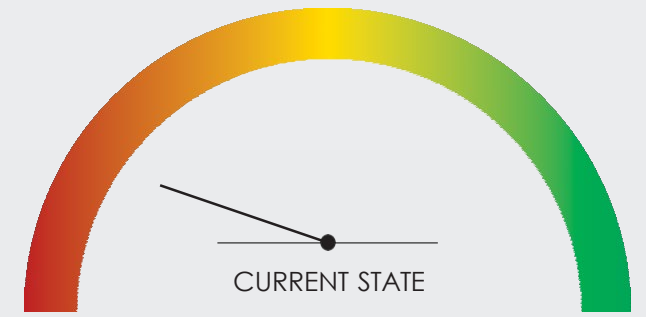
RESTAURANT DINERS

YoY Change in Seated Diners at Restaurants



Source: Open Table, data as of June 7, 2020. Data shows year-over-year seated diners at restaurants on the OpenTable network across all channels: online reservations, phone reservations, and walk-ins. For year-over-year comparisons by day, comparison is to the same day of the week from the same week in the previous year.

MOBILITY INDICATORS



CURRENT STATE

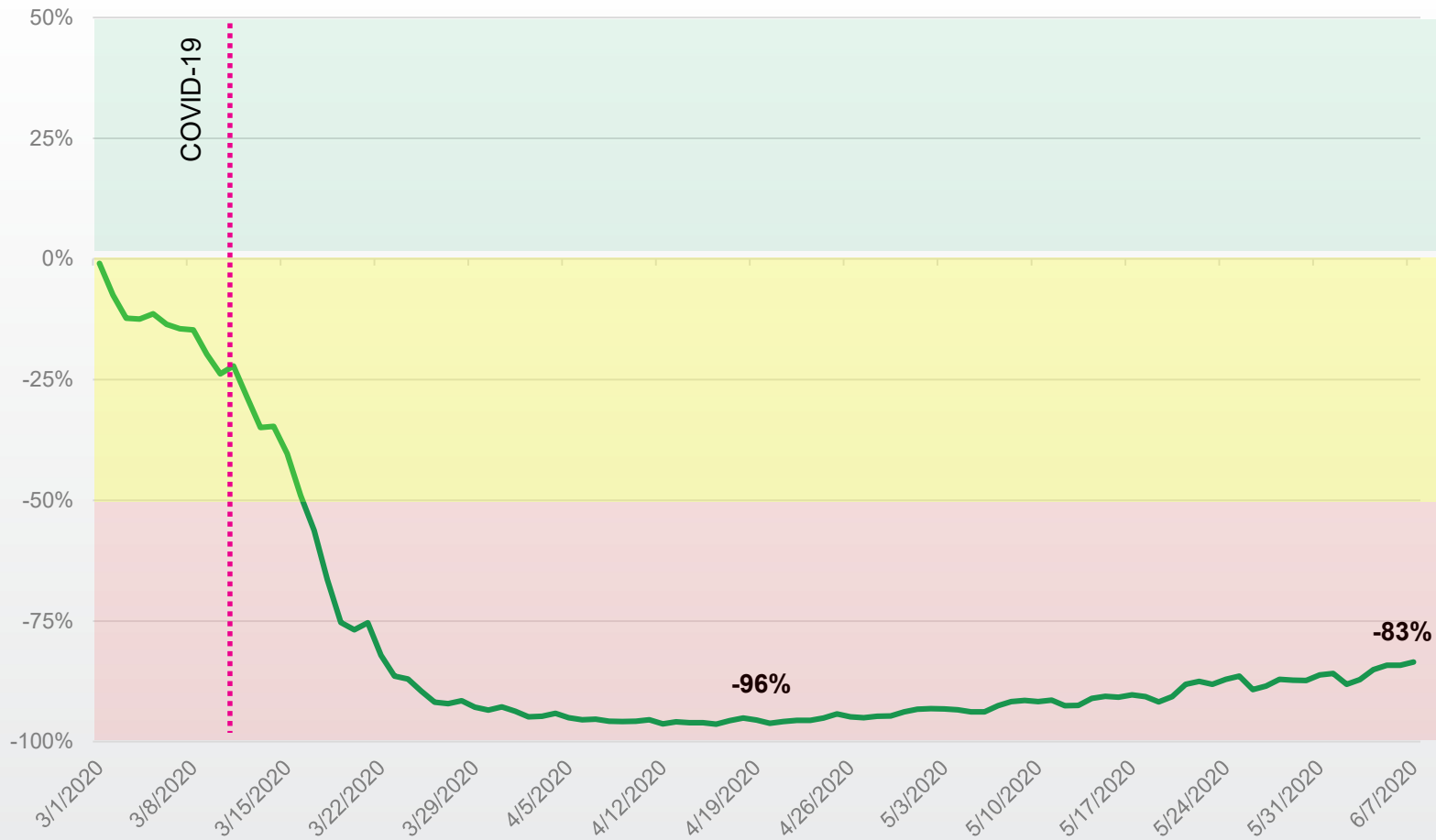
- The U.S. overall is hovering at a 74% decrease in seated diners at restaurants compared to 2019.

TREND

- YoY change for the U.S. overall continues to show improvement as more states open. Some markets, like Los Angeles and New York, continue to hover at -100% YoY.

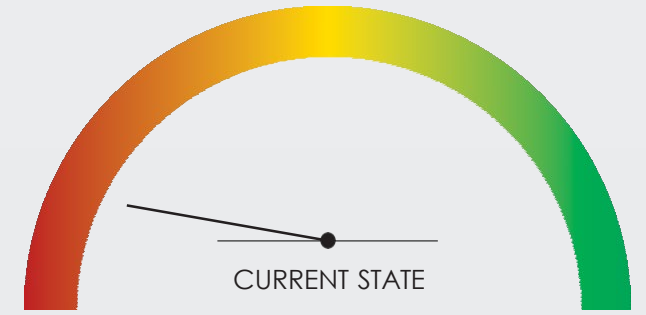
DAILY TRAVELERS AT TSA CHECKPOINTS

YoY Change in Traveler Throughput



Source: TSA, data as of June 7, 2020

MOBILITY INDICATORS



CURRENT STATE

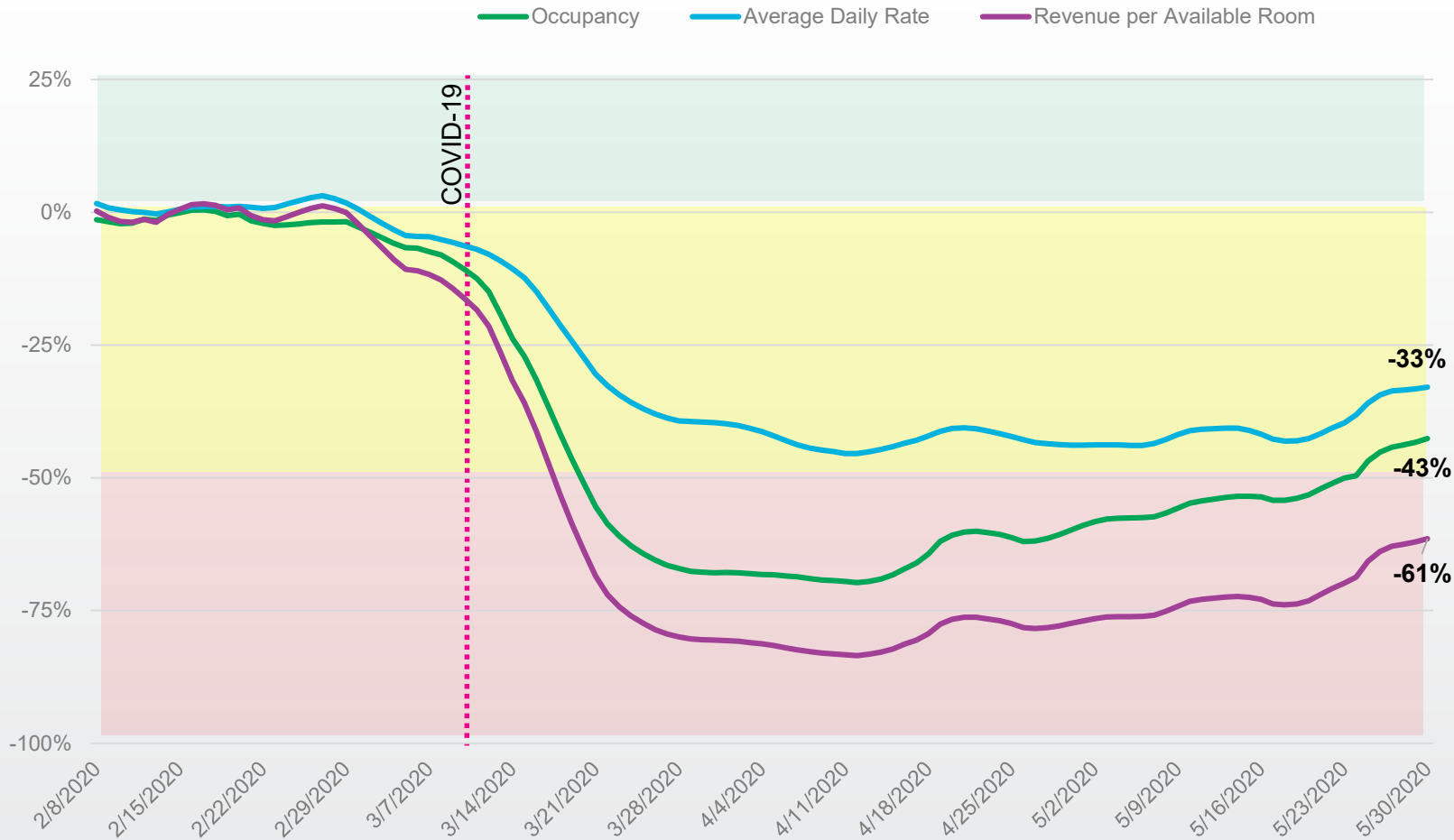
- The number of travelers passing through TSA checkpoints is down 83% compared to 2019.

TREND

- Slight increase in throughput since mid-April.

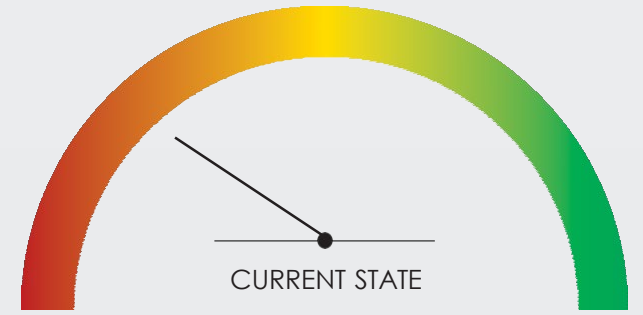
HOTEL DEMAND

YoY Change in Daily U.S. Hotel Performance, 7-day Moving Average



Source: CBRE Econometric Advisors, STR, as of June 3, 2020

MOBILITY INDICATORS



CURRENT STATE

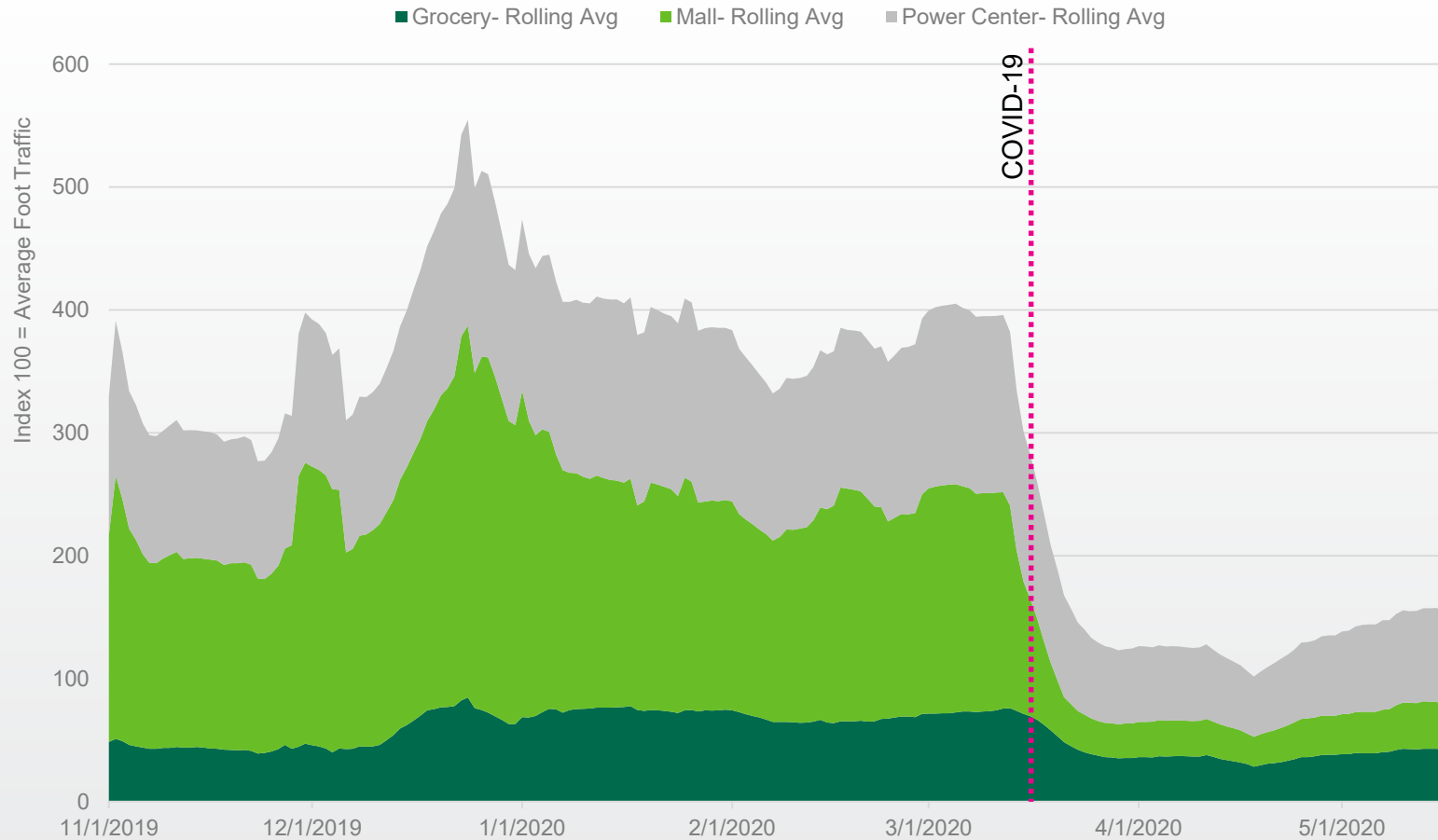
- The U.S. Hotel industry is at a 33% decrease in average daily rate, 43% decrease in occupancy, and 61% decrease in revenue per available room compared to 2019.

TREND

- Steady weekly increases in all 3 metrics since Mid-April.

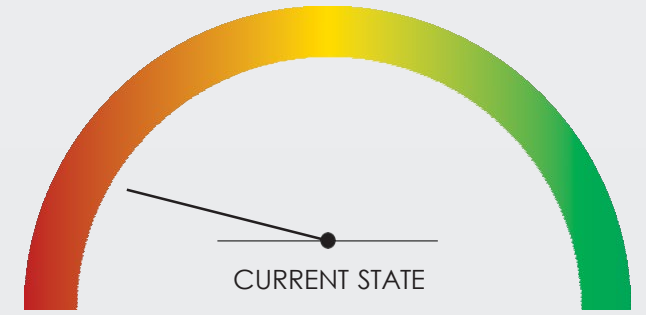
SHOPPING CENTER FOOT TRAFFIC

Foot Traffic by Shopping Center Type, 7-day Moving Average



Source: CBRE Location Intelligence, data as of May 17, 2020

MOBILITY INDICATORS



CURRENT STATE

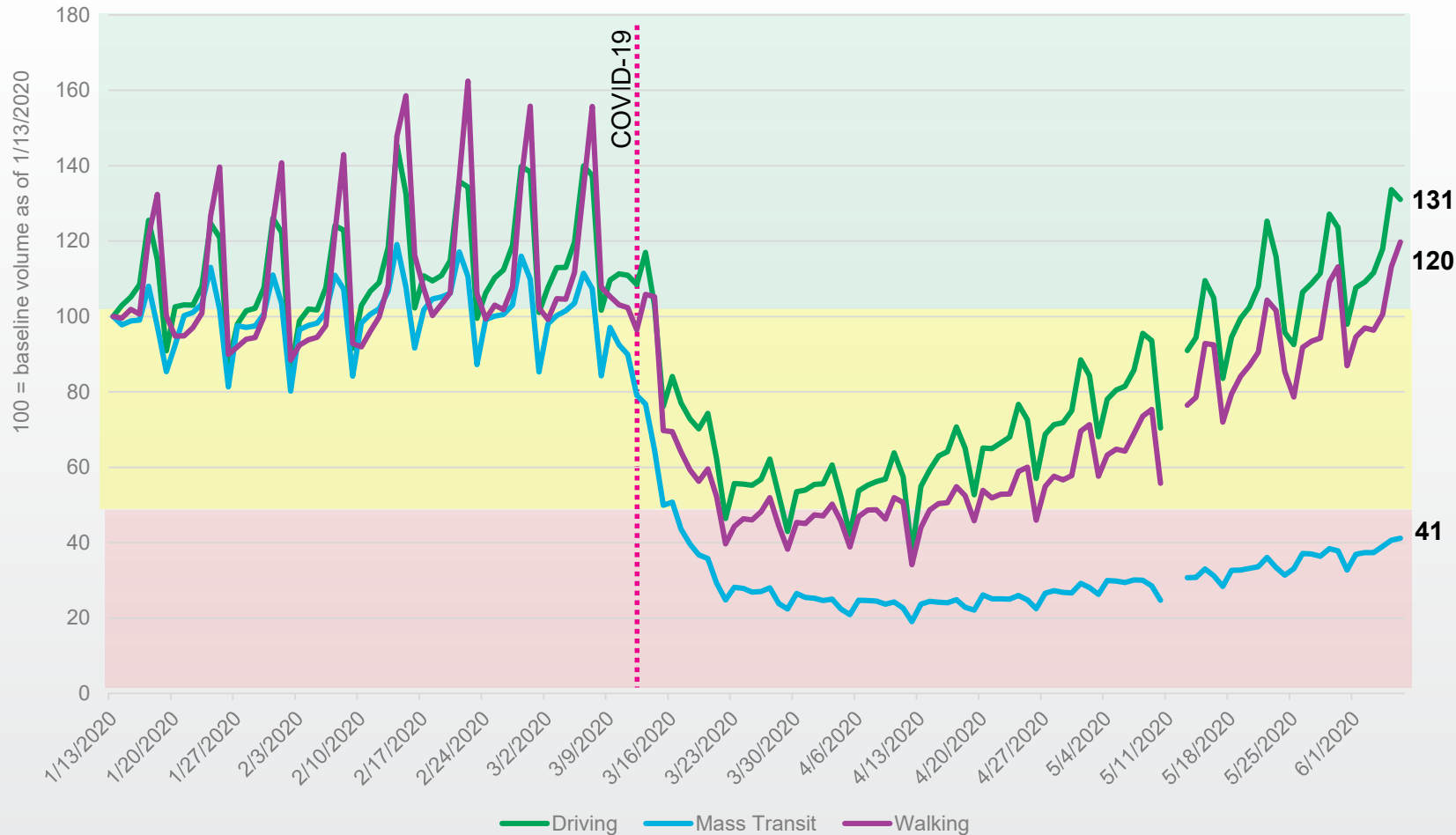
- Foot traffic in Shopping Centers has decreased from early 2020 levels by over 70% across all types – Grocery, Malls and Power Centers.

TREND

- Positive momentum across all types, with Grocery rebounding more quickly than Malls and Power Centers.

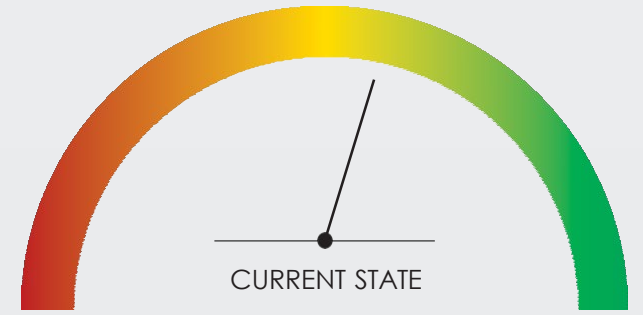
PEOPLE MOBILITY

Number of Requests for Directions in Apple Maps



Source: Apple, as of June 6, 2020

MOBILITY INDICATORS



CURRENT STATE

- Driving and Walking requests for directions in Apple Maps have rebounded to pre COVID-19 levels. Mass Transit requests remain low.

TREND

- Continued positive momentum for Driving and Walking requests. Transit requests remain very low with minimal change.