On July 24, 2020 Councilmember David Ryu and Mayor Eric Garcetti officially opened the Los Feliz Bridge Home on Riverside Drive, on a live video. It is the third bridge housing center to open in Council District 4 in the past year. The Bridge Home will house men and women experiencing homelessness in the Los Feliz area, and include space for pets.

Mayor Garcetti said, “I know how tough these days and months have seemed, but I’m here with some good news. Not only did the Dodgers win their season opener last night, but also we are opening up what is the 19th Bridge Home shelter in Los Angeles. Councilmember David Ryu of the 4th District, here in Los Feliz on Riverside Drive, kind of the intersection of Los Feliz and Silverlake and Atwater Village, where here, right next to the Mulholland water fountain, right near the entrance to Griffith Park . . We have opened up on City land owned by Recreation & Parks an incredible shelter that’s being run by PATH (People Assisting The Homeless).

“There are a hundred more beds to help us end homelessness on the streets of Los Angeles. We’ve had four of these openings just in the last two weeks with another five by the end of August, which together will add 24 more Bridge Home shelters - 1,500 beds that didn’t exist in this City just a short time ago.” The Mayor also thanked, “Gary Lee Moore, our incredible City Engineer, and his team, Nick Patsouras, who has volunteered his time to see that these get done on time. Also, thank our builders here, EC Ford Contractors, and the whole team that made this happen on time and on budget.”

“The Los Feliz Bridge Home will mean shelter, safety and healthcare for hundreds of people currently living on the streets or in the LA River,” said Councilmember Ryu. “This center, and the many more we’re building across District Four, will save lives. It’s not just about the housing, but the care and services that our unhoused neighbors so desperately need - and the close collaboration with the community that will make more homeless housing centers possible.”

The Los Feliz Bridge Home will be operated by People Assisting the Homeless, or PATH, a Los Angeles-based organization which specializes in homeless services. The bridge home, first proposed by Councilmember Ryu in February 2019, includes beds, meals, a pet care area, and office space for residents to meet with counselors and other supportive staff. It took five months to build at a cost of $7 million, largely from state grants. Furniture was donated by Aether Apparel and pillows were donated by Allied Feather & Down, both local Los Angeles area businesses.

The Los Feliz Bridge Home won the support of neighborhood groups including the Los Feliz Neighborhood Council, the Los Feliz Improvement Association, the Silver Lake Neighborhood Council, the Griffith Park Advisory Board, the Friends of Griffith Park, the Griffith Park Adult Community Club, and more.

Councilmember Ryu has opened four homeless housing centers since April of 2019, continued on page 2
Los Feliz Bridge Home continued from page 1 for a total of 272 new beds serving unhoused Angelenos. Hundreds more bridge housing beds and permanent supportive housing units are currently in development in the district, along with a Safe Parking lot.

Congratulations go to everyone who contributed to making the project a success: PM Manager: Allan Kawaguchi, Homeless Facilities and Special Projects Division; CM Manager: Jose Fuentes, Construction Management Division; BOE Architect: Erik Villanueva; BOE Landscape Architect: Josh Link and Richard Fisher; BOE Geotech: Easton Forcier and Jose Beristain; Mechanical: dHA CALPEC (Consultant); Civil VCA Engineering: (Consultant); Perkins and Will: (Consultant);

Bureau of Contract Administration Inspectors: Lee Williamson and John Calderon;
Contractor (Ford EC): Mahmood Jaffarian/Leila Amiri/Arash Daghighian.

Photos below: On July 20, 2020, Councilmember David Ryu hosted an online preview walk through of the facility with City Engineer Gary Lee Moore and PATH Director Steve Fiechter.
On the Westside Urban Forum’s website this is the stated aim of their awards program: Our organization appreciates everyone who supports, and continues to improve, the urban fabric of the Los Angeles region through their work.

This year there are 20 Design awards, 20 Recipients in the following seven categories: Schools, Public - Institutional, Public - Open Space, Multi-Unit Housing, Mixed Use, Office, Hotels. Due to the COVID-19 pandemic there will be no awards ceremony this year.

We note that Bureau of Engineering projects were recognized in both of the Public categories, the only categories in which BOE projects could be eligible.

**Public - Institutional Merit Award**
Project: Donald C. Tillman Water Reclamation Plant Maintenance & Warehouse Facility (In-Process/Unbuilt)
Owner: City of LA BOE, Environmental Engineering Division

This project is to design and construct a new 50,000 square foot, two-story maintenance facility and warehouse at the Donald C. Tillman Water Reclamation Plant. The building’s layout and sustainability features were highlighted by the awards panel as distinguishing characteristics that set it apart from other building projects. The new facility will house all of the maintenance shops used to maintain the plant, and multiple support areas for staff. These include a library, office space and conference rooms. The building is being designed for Gold certification by the LEED (Leadership in Energy and Environmental Design) program for sustainable design.

From the judges’ comments in the program:
“...we are impressed with the thought that went into this design - the flexibility of the spaces, and how it really thought about the occupants.”

“All of us liked the massing and the linearity. Also, how it is integrated into the site - picking up on some of the language of existing buildings.”

“All of the sustainability features were really impressive.”

**Public - Open Space Citation Award**
Project: Hollywood Walk of Fame Masterplan
Owner: City of Los Angeles Bureau of Engineering and Councilmember Mitch O’Farrell - Council District 13

The concept plan envisions Hollywood Boulevard along the Walk of Fame as a place with wider sidewalks, more space for amenities like sidewalk dining, additional shade trees, enhanced lighting, a mobility lane, and additional pedestrian safety features. It is anticipated that the project could create hundreds of construction jobs, along with other economic, environmental, and public health benefits. This project will be essential to revitalizing the Boulevard when the community begins to emerge from the pandemic.

From the judges’ comments in the program:
“This is going to improve Hollywood Boulevard, and provide a big source of tourism.”
“It will be a really great contribution to that part of town.”
“We appreciate the sustainable xeriscape.”

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**BOE Projects Receive 2020 Westside Urban Forum Design Awards**

Cover of the Westside Urban Forum 2020 Design Awards Program.

Page from the program on the Donald C. Tillman Water Reclamation Plant Maintenance & Warehouse Facility.

Page from the program on the Hollywood Walk of Fame Masterplan.

Engineering Newsletter - 8/12/20
The Metropolitan Los Angeles Branch (MLAB) of the American Society of Civil Engineers has recognized five BOE projects as 2020 Outstanding projects.

In lieu of a physical banquet, MLAB is producing a highlight video featuring all the award winners. They plan to unveil the winners to the public on August 19, 2020. Winners will also receive a commemorative plaque for their achievement.

The following Bureau of Engineering projects will be receiving awards:
- Outstanding Architectural Engineering Project: Fire Station No. 39 - Van Nuys
- Outstanding Bridges Project: Los Angeles River “Red Car” Multi-Use Bridge
- Outstanding Historical Renovation Project: South Park Historic East Area Renovation
- Outstanding Parks and Recreation Project: Lincoln Park Pool & Bathhouse Replacement
- Outstanding Sustainable Engineering Project: TIWRP - Aeration System Replacement

2020 Outstanding Architectural Engineering Project
Fire Station No. 39 - Van Nuys
For exceptional innovation with sustainability, environmental-friendly use of materials and beautification to a residential community surrounded by a predominantly commercial and manufacturing zoned area, in the design and construction of Fire Station No. 39.

Fire Station 39 on Van Nuys Street, is located directly across the street from a residential community, surrounded by a predominantly commercial and manufacturing zoned area. The existing vacant lot surrounded by a chain link fence, prior to construction, was the view for many years. Fire Station 39 in the Van Nuys Area of Council District 6 brought beautification to the corner of Oxnard Street and Vesper Avenue.

Fire Station 39 is a state of the art 2-Story, 18,533 sq. ft. Fire Station. The Station has four heavy apparatus bays and three light apparatus bays. The station provides working, living, and sleeping spaces, as well as restrooms, lockers, showers, fitness, and training functions. Fire Station 39 was designed to achieve a Leadership in Energy & Environmental Design “Silver” rating. Some of the materials, features and methods of construction include:
- The use of 7,300 square feet of water-efficient plants and shrubs, and 24 new trees of various species.
- Materials with high reused and/or recycled content.
- Water/Energy: Saving in energy and water usage of 50% over code compliant designs. Designed to reduce stormwater run-off and to use stormwater for irrigating planting areas.
- Roof: EPA Energy Star “Cool Roof” with reflective color coating to reduce solar heat gain.
- Natural Light: Solatube Innovative Tubular Daylight technologies to allow natural sunlight for 90% of spaces.
- Lighting & HVAC Equipment: Using energy-efficient lighting, heating, and cooling equipment.
- Sensors: Use of photo sensors to control the lighting, and the use of low-flow automatic faucets/toilets and rain sensors for reduced water consumption.

A special relationship between the neighbors and the Los Angeles Fire Department came together, to bridge the gap and enhance the community, by providing a sound barrier for the adjacent homes and an innovative and functional Fire Station for the Los Angeles Fire Department.

For more information about this project see the article about the grand opening in the November 6, 2019 BOE Newsletter.

2020 Outstanding Bridges Project
Los Angeles River “Red Car” Multi-Use Bridge
The 430-ft long multi-use bridge is supported by two retrofitted original “Red Car” piers and abutments. LED lights contained in handrails on each side of the walkway light the walking surface at night. A simple 6” deep steel element runs the length of the bridge under the lighting and is painted red in memory of the Red Car traveling over the River along the same alignment more than 70 years ago.

In 1929, the Pacific Electric Railroad Company built a six-span bridge over the Los Angeles River to carry the Red Car along its Los Angeles-Glendale Line. However, the superstructure of this railroad bridge was demolished when Pacific Electric ceased to operate the rail service in early 1950’s. The piers and abutments remain untouched and stand in the channel today. While a City’s interdepartmental task force contemplated on potential implementation projects in the development
ASCE-MLAB Awards continued from page 4

of the Los Angeles River Revitalization Master Plan, the community of Atwater Village petitioned for the construction of a footbridge over the existing piers and abutments. After much collaboration with community members, the Bureau of Engineering Bridge Improvement Division (BOE/BID) was commissioned to build a new bridge, the Red Car Pedestrian Bridge, as part of the Glendale-Hyperion Bridges retrofit and rehabilitation project.

During the construction of seismic retrofit and widening of the main bridges on Glendale-Hyperion corridor, the complicated traffic detour would demand frequent closure of traffic lanes and sidewalks. The environmental document identified the new bridge, located about 100 feet downstream from the main bridges, to be used as mitigation - an alternative route for safe pedestrian passage through construction zone.

From the onset of the pedestrian bridge development, the community wanted the design of the new bridge to express the ‘elegance of simplicity’ as reclamation of its community identity. BOE/BID decided on a simple, yet aesthetic, prefabricated steel truss as the structural type. The 430-ft long, 14-ft clear width, three-span truss is supported by two retrofitted original “Red Car” piers and abutments. A meandering pathway leads from the northerly touchdown of the new bridge to join the sidewalk of northbound Glendale Boulevard.

A strip of LED lights contained in handrails on each side of the walkway lights the walking surface at night. A simple 6” deep steel element runs the length of the bridge under the lighting and is painted red in memory of the Red Car traveling over the River along the same alignment more than 70 years ago.

The Red Car Bridge is located in the center of a most scenic stretch of Los Angeles River. The simple truss structure is intentionally selected to optimize views of the revitalized Los Angeles River and the surrounding context by minimizing the side enclosures, allowing increased opportunities for photography and observation. The location of the bridge generously offers a unique panoramic view of the magnificent monumental Glendale-Hyperion Bridges 100 feet in front of it, with the hillside of Griffith Park as its natural backdrop. The bridge is simple yet noticeable through its use of the red-colored steel rail. It will define a place of observation.

For more information about this project see the article about the grand opening in the February 12, 2020 BOE Newsletter.

2020 Outstanding Historical Renovation Project
South Park Historic East Area Renovation

The South Park Historic East Area Renovation brings an iconic 120-year old park back to life by restoring the iconic palm walkway as the social backbone of the park, and with new walkways that invoke the original plan. In addition, new D.G. fitness path & outdoor fitness equipment, outdoor basketball courts, a synthetic turf open play area, and a renovated playground provide new recreational opportunities. A renovated bandshell viewing area creates an enhanced experience for concerts and events.

Since it was built in 1899, South Park has provided 18 acres of recreation and green space to the residents of South Los Angeles. At that time, new housing subdivisions were quickly replacing the walnut and orange groves that were common in that part of the City. The Parks Department began transforming it into a well-cultivated public garden with colorful flower beds and multiple species of trees. The community embraced the park, and began enjoying concerts at the bandshell, picnicking under the shade trees and taking flower-scented strolls. South Park became an especially popular place for casual games; card players filled the park’s tables, while horseshoe pitchers took to the lawns. The main attraction was the dramatic “Palm Walkway” which was lined with a double row of majestic palm trees. The park was then the southernmost of the City’s premier parks, which included other famous sites like “Westlake” MacArthur and “Eastlake” Lincoln parks.

Over time, other improvements were added: a new Recreation Center and pool were built in the 1950’s by well-known Los Angeles Architect Paul Williams, and a new Gymnasium was added later in the 1980’s. Unfortunately, over time the historic walkways faded away, and the park lost much of its original vibrancy and appeal. In 2014, Councilman Curren Price Jr. and The Department of Recreation and Parks engaged the Bureau of Engineering’s Architectural Division to develop a new Master Plan for the revitalization of South Park, with the goal of recapturing its historic feel and cultural importance to the local community while serving the needs of today’s residents.

The current phase of the renovation of South Park covers the entire eastern portion of the park from the Recreation Center and Pool building to Avalon Street. The highlight of this phase is the restoration of the iconic Palm Walkway, which has been re-born as the social backbone of the park with a new central walkway connecting picnic tables, benches & game tables where people can congregate and socialize. Historically-inspired light fixtures and colorful planting beds with decorative steel edging complete the scene. In addition, the community will also enjoy: new walkways throughout the park which have been carefully aligned to re-create the historic layout, a perimeter fitness path with outdoor exercise equipment groupings, relocated basketball courts with sports lighting, a synthetic turf play area, renovated bandshell viewing area, a new playground, new decorative pool fencing, picnic areas with barbecues and new site security lighting throughout the rest of the eastern park area. A total of 300 new trees have been planted to restore and enhance the shade canopy of the park for the next generation. The renovated eastern park area has proven to be a great step forward for South Park and will provide a strong foundation for its continuing role in this community.

For more information about this project see the article about the ribbon cutting in the May 8, 2019 BOE Newsletter.

2020 Outstanding Parks and Recreation Project
Lincoln Park Recreation Center Pool and Bathhouse Replacement Project

With its artistic and sustainable design and state-of-art equipment and features, this new pool and bathhouse facility brought many programs and benefits to the community members. Since its grand opening in July 2019, this pool and its bathhouse have become a community favorite.

1. The 4300 square-foot new bathhouse and administration office is perfectly situated and integrated with existing senior center.
2. This facility is designed with natural ventilation and energy efficient mechanical systems; and it is using channel glass wall to maximize natural lighting.
3. The 30 ft high powder coated perforated panel facade covering the east side wall continued on page 6
facing the open parking lot provides not only an astonishing visual effect but also functioning as shade to the large window opening to the staff office.

4. The colorful vertical planting wall and the richly planted courtyard between the existing senior center and swimming pool provides a pleasing and peaceful resting place for all community members.

5. The operable fence, which separates the pool from the courtyard, functions both as pool enclosure and access gate, and it also has the architectural appealing with its decorated panel.

6. The new 120 feet long, 75 ft wide, 9000 square-foot lap pool has been designed with a shallow-deep-shallow configuration. It allows for a competitive swimming up to 8 lanes in the deep middle section, while leaving the two shallow areas to be programmed as needed.

7. Outside the pool fencing near the main park is a 1600 square-foot splash pad with children play amenities such as Bucket Trio, Rainbow Spray, and water jelly, which will bring full day fun to kids of all ages. There are also elevated landscape platforms and spectator concrete benches for the parents and guardians at the north end of the splash pad area.

For more information about this project see the article about the reopening in the August 14, 2019 BOE Newsletter.

**Outstanding Sustainable Engineering Project**

**Terminal Island Water Reclamation Plant Aeration System Replacement**

The TIWRP Aeration System Replacement is one of the most efficient in the state and have resulted in projected energy savings of over $227,000 per year. The aeration system technology, blowers and aeration system, that was selected and implemented proved to be the most cost effected and sustainable providing dual function process air for the Biological Nutrients Removal and odor control. Retrofit to the existing building and structures include upgrades to reduce operation costs and mitigate environmental impacts.

Sustainability, green energy, and regenerative design were project goals. The Envision system is a set of guidelines that aid in optimizing a project’s sustainability of infrastructure and was used during the design and construction phase in addition to providing a means to quantify the sustainability of the project.

The project was completed under the project management and construction management of the Bureau of Engineering’s Environmental Engineering Division who partnered with the Bureau of Contract Administration for inspection and LA Sanitation & Environment the project owner and engineering consul-

completed in 365 calendar days. The construction duration was also 365 calendar days.
USGBC LA to Recognize Two BOE Projects - LADOT Bus Maintenance/CNG Fueling Facility & Van Nuys Fire Station 39

The U.S. Green Building Council Los Angeles is recognizing some of the most exciting and innovative green building projects in Los Angeles and beyond during this year’s 19th Annual Municipal Green Building Conference and Expo (MGBCE) that will be held virtually August 21-22, 2020. This is an excerpt from the letter sent by the USGBC LA:

July 30, 2020
It is my honor to inform you that the committee for our 19th Annual Municipal Green Building Conference and Expo has selected multiple City of LA projects to be recognized for this year’s awards. This includes:

• LADOT Bus Maintenance/CNG Fueling Facility, LEED Platinum
• Van Nuys Fire Station 39 LEED Silver

For our building awards this year as the conference is virtual, we are making our project awards as on demand videos for conference participants that will be recorded via Zoom. This would ideally be 10-20 minutes that includes a brief overview of the projects, which could be in the form of a presentation or brief video tour of the projects and some words of thanks to the project team.

Congratulation again to you and the team!
Best,
Ben Stapleton
Executive Director
USGBC LA

In addition, Chief Deputy City Engineer Deborah Weintraub will be one of the speakers at an August 21, 2020 MGBCE session titled Cities Session - People + Planet + Profit: Priorities for Net Zero Cities.

For more information about the MGBCE 2020 program, agenda and speakers go to usgbc-la.org/programs/mgbce

LADOT Bus Maintenance/CNG Fueling Facility, LEED Platinum, view from Commercial St.

The LADOT Bus Maintenance and CNG Fueling Facility Project is located at 454 E Commercial Street, Los Angeles. Within the 3-acre site, the facility includes a two-story 21,625 square-foot maintenance & operation building, a bus service building with CNG fueling stations, a bus wash building with capability of recycling water, a parking lot with solar panel shade structures for up to 70 DASH buses, and a two-story 39,104 square-foot parking garage.

With its CNG fueling station, electrical charging infrastructure, and its hallmark use of solar panels across the site, this facility is a model of energy efficiency and sustainable design and set a fantastic example to emphasize the priority in the environmental protection and sustainable development. This project attained LEED Platinum Certification, which is the highest certification granted by the U. S. Green Building Council.

For more information about this project see the article about the opening in the May 8, 2019 BOE Newsletter.

Van Nuys Fire Station 39 LEED Silver

Fire Station 39, 14615 Oxnard St., Van Nuys, is a state-of-the-art, 2-story, 18,533 sq. ft. Fire Station. The Station has four heavy apparatus bays and three light apparatus bays. The station provides working, living, and sleeping spaces, as well as restrooms, lockers, showers, fitness, and training functions. Fire Station 39 was designed to achieve a Leadership in Energy & Environmental Design “Silver” rating.

Some of the materials, features and methods of construction include:

• The use of 7,300 square feet of water-efficient plants and shrubs, and 24 new trees of various species.
• Materials with high reused and/or recycled content.
• Water/Energy: Saving in energy and water usage of 50% over code compliant designs. Designed to reduce stormwater run-off and to use stormwater for irrigating planting areas.
• Roof: EPA Energy Star “Cool Roof” with reflective color coating to reduce solar heat gain.
• Natural Light: Solatube Innovative Tubular Daylight technologies to allow natural sunlight for 90% of spaces.
• Lighting & HVAC Equipment: Using energy-efficient lighting, heating, and cooling equipment.
• Sensors: Use of photo sensors to control the lighting, and the use of low-flow automatic faucets/toilets and rain sensors for reduced water consumption.

For more information about this project see the article about the grand opening in the November 6, 2019 BOE Newsletter.
Included in the July 2020 Update from the Institute of Sustainable Infrastructure (ISI)** is an article entitled “We need to talk about systemic racism in infrastructure” and is shared below as a means of bringing awareness to the topic of social and racial equality in sustainable infrastructure. This article is a stark reminder of how infrastructure can play a role in dividing communities along racial and socioeconomic lines, or, at its best, it can be thoughtful and inclusive to better understand the needs of its surrounding community and the people who deliver infrastructure projects.

As it relates to sustainability, let’s recall that there are three principles, or pillars, that are the foundation of what sustainability represents: Environmental, Economic and Social.

Indeed, the current pandemic and ongoing protests against police brutality and systemic racism have drawn much needed attention to this third pillar of sustainability. The social and racial equality component.

It is unquestionable that social and racial equality are an important part of sustainable infrastructure. However, in terms of engineering work, it is often easy to see and quantify the economic and environmental benefits and impacts of infrastructure projects while the social and racial equality aspects can be harder to evaluate, or simply overlooked or not considered in upfront project phases until it’s too late and in the worst of cases, a court case judgment is issued that mandates a “correction” due to severe impacts on a disadvantaged community. Social impact can also be seen in the different ways projects are delivered to different socioeconomic communities. It should be standard that if the same project or work is being performed in two different locations, that the exact same treatment and outcome is delivered to both communities regardless of economic level within the area. Sustainability is about creating a world that will thrive for all people to enjoy regardless of race, gender, or socioeconomic level.

The promising news is that there are some mechanisms BOE has in place to help ensure social and racial equality are addressed. Examples include the CEQA process, a key step in the pre-design and design phases which can help initiate the first stages in ensuring affected communities are engaged in the decision-making process of a new project, the Business Inclusion Program (BIP) Outreach Policy that requires the bidder to make a Good Faith Effort to obtain sub-bid participation of Minority Owned Business Enterprises (MBEs), Women’s Business Enterprises (WBEs), Small Business Enterprises (SBEs), Enterprise Business Entities (EBEs), and Disabled Veteran Business Enterprises (DVEBs), and the recent designation of a new role for a Racial Equity Officer whose objective is to lead the development of a Racial Equity Action Plan, a plan that is looking at the current racial breakdown of the BOE now, and how to implement goals to increase racial equity and equality within the BOE and the City moving forward.

BOE also works on projects as part of LA’s 2019 Green New Deal to expand access to benefits created by the Mayor’s Sustainability Plan (e.g., access to green/healthy spaces, clean energy programs, and mobility projects, etc.). And BOE can point to several projects that have excelled in the three pillars of sustainability - highlighted in ISI’s article are two great examples of BOE projects that created socially positive improvements for diverse communities, the South Los Angeles Wetland Park (Envision Platinum Award) and the Albion Riverside Park (Envision Gold Award). These projects have attained recognition for achieving the highest levels of sustainability in infrastructure through ISI’s third-party verification process.

Certainly, this is not a complete list and more can always be done to improve and ensure social and racial equality, but it is encouraging that BOE is leading the way by expanding the use of Envision on many on-going and future projects. As stated in the article, “infrastructure alone cannot fix systemic racism, but … it can go a long way in addressing and correcting past injustices.”

Let’s continue to learn and build a better place for all.

The following article is from the July 2020 Update from ISI:

**We need to talk about systemic racism in infrastructure**

By Melissa Peneycad

ISI Managing Director

DATE: July 27, 2020

Some would call them walls designed and constructed to divide. Others might liken them to symbols that chronicle insidious ties to systemic racism. I’m not talking about confederate statues or memorials. I’m talking about actual roads, bridges, and other infrastructure projects that have unquestionably exacerbated racial divides. Over the past century, both the U.S. and Canada (and other nations around the world) have designed and built some infrastructure projects that have harmed disadvantaged and impoverished populations.

What’s disconcerting is that infrastructure - especially transport infrastructure - is supposed to connect people and provide easier geographic access to all. It should link low-income persons to areas of economic prosperity, thereby reducing inequality and providing access to good paying jobs.

However, historical records show that infrastructure has not always been designed or built with equity or fairness in mind. In some cases, there’s irrefutable evidence that infrastructure has played an egregious role in inflaming racial division and inequality.

Whether done overtly or covertly is open for debate. (Something beyond the scope of this article.) What I intend to highlight here are a few instances where infrastructure has, without question, divided communities along racial and socioeconomic lines. I’ll also examine several promising infrastructure projects that got it right and discuss what the industry can do moving forward. Let’s start by scrutinizing some projects that have hurt minorities and other low-income neighborhoods.

**8-Mile Road**

8 Mile in Detroit, Michigan, made famous by the 2002 movie starring Eminem, is a prime example of how infrastructure can divide communities. 8 Mile is also home to a half-mile-long graffiti-covered concrete barrier known by locals as ‘the wall.’ Erected in 1941, the wall was built to physically divide 8 Mile from an adjacent parcel of land on which a developer wanted to construct a “whites only subdivision.”

The wall stands in the 8 Mile area to this day, serving as a reminder of the area’s history, though it no longer functions as a racial barrier.[1]

**West Baltimore**

West Baltimore is another city known for being overwhelmingly black and impoverished. It was here that Freddie Gray, a black man, died from a spinal cord injury in 2015 while in police custody. His death ignited weeks of protests throughout Baltimore.[2] It is also home to the infamous “Highway to Nowhere” – a result of “road-bullish governments, local and federal, that made big plans without regard for their immediate human impact.”[3] This six-lane, mile-long road sliced through and continued on page 9
Inequality in Infrastructure continued from page 8

sealed off communities in a major American city for ultimately no reason. It’s a blight on the community and represents decades of broken promises for West Baltimore residents. [4]

Also, there was a powerful sense of community in Africville. Residents stuck together and looked out for each other. In the 1960s, residents in this community were forcibly evicted to make way for the MacKay bridge, a 1.2 kilometer, 4-lane bridge that links the Halifax Peninsula with neighboring Dartmouth, Nova Scotia.[5]

Sadly, the 8 Mile wall in Detroit, the Highway to Nowhere in West Baltimore, and the MacKay Bridge in Halifax are only a few examples of infrastructure causing or exacerbating the social and racial divide. (Far too many exist around the world.)

Africville
The story of Africville in Nova Scotia, Canada, can serve as another teachable example of what can go wrong. Africville was a black community whose residents traced their family roots to slaves brought across the Atlantic during the 1700s. For more than 150 years, this community existed on the edge of Halifax and lacked basic essential services such as clean running water, and sewerage systems. Despite the lack of services, many residents were landowners who paid taxes.

Promising Examples
The Historic Fourth Ward Park in Atlanta[6] serves as an excellent example of positive infrastructure development. The project initially started as a typical stormwater management and flooding control project, but then, it was turned into a solution that addressed not only that problem but also resulted in much needed economic and community development, environmental restoration, and the creation of a public amenity. This project earned an Envision Gold award for sustainability from the Institute for Sustainable Infrastructure in 2016.[7]

Same with the South Los Angeles Wetland Park (Envision Platinum [8]) and the Albion Riverside Park (Envision Gold [9]) projects. These projects are great examples of turning historically underdeveloped or previously contaminated lands into neighborhood revitalizing amenities that bring people together and protect the environment.

Musqueam
A relatively recent infrastructure development that brought people together to create a more harmonious and prosperous future is the formal agreement made between the Musqueam Indian Band and the Vancouver International Airport. The Airport and Musqueam Indian Band are located in the same community on land that is Musqueam traditional territory. The agreement is “based on friendship and respect to achieve a sustainable and mutually beneficial future”[10]. The 30-year agreement includes jobs, scholarships, annual revenue sharing, and identification and protection of archaeological resources.

Moving Forward
Infrastructure alone cannot fix systemic racism, but infrastructure development that focuses on the equitable distribution of benefits and incorporation of public consultation - which genuinely considers the historical context of equity and social justice - can go a long way in addressing and correcting past injustices.

Moving forward, the architecture, engineering, and construction (A/E/C) industry can and must do its part to formulate and implement plans, policies, and programs to tackle social equity, discrimination, and unconscious bias in the workplace. Organizations must also adopt hiring processes that focus on diversity and inclusion while resolving pay-equity issues, and they must consider how their projects impact everyone in the community.

Organizations and Equity
What's exciting is that many organizations are stepping forward with firmer commitments already - and some are true stand outs. Consider the following:

- The American Society of Civil Engineers affirmed their support for racial justice in a statement of unity published online. [11]
- luuceo, a small women-owned business based in Vancouver, Canada, has made formal commitments on taking action against racism and discrimination. [12]
- New York City’s Department of Design and Construction (NYC DDC) reaffirmed the organization's commitment to building equitable and just infrastructure in an internal memo to staff. The memo made specific references to ONENYC 2050 [13] - New York City's official strategic plan based on the principles of growth, equity, sustainability, and resiliency - as well as the Envision sustainable infrastructure framework [14], which explicitly addresses social equity and justice in credit QL1.3 within the Quality of Life credit category and also in credits that address stakeholder engagement within the Leadership credit category.

As for ISI, we are tenacious in our pledge to advance diversity and inclusion in the workplace. We are also creating educational courses on how the Envision framework specifically addresses racial and social justice and inequity in the built environment, and we hope to partner with other organizations to champion these ideals. The way we view it: the first step toward change is awareness; the next step is action.

[14] Institute for Sustainable Infrastructure: www.sustainableinfrastructure.org

**The Institute for Sustainable Infrastructure (ISI) is the organization that developed and manages Envision, a framework that encourages systemic changes in the planning, design and delivery of sustainable and resilient infrastructure through education, training, and third-party project verification.**
Councilmember O’Farrell press release: Hollywood Walk of Fame Master Plan Begins Schematic Design

HOLLYWOOD (July 29, 2020) - Councilmember Mitch O’Farrell announced that the Hollywood Walk of Fame Master Plan, the signature project of his “HEART of Hollywood” initiative, has officially begun schematic design, the next stage toward developing a full master plan. The project, which began early last year and released a concept plan this past January, has received broad support from an array of Hollywood stakeholders.

“This began as an effort to bring a cohesive, holistic design - centered around residents and pedestrians - to the Hollywood Walk of Fame,” said Councilmember O’Farrell. “In the wake of COVID-19, the goals of this project are even more important. Enhancing public spaces is not only good for our collective psyche, but also for a local economy that is being challenged by the pandemic.”

The concept plan envisions Hollywood Boulevard along the Walk of Fame as a place with wider sidewalks, more space for amenities like sidewalk dining, additional shade trees, enhanced lighting, a mobility lane, and additional pedestrian safety features. It is anticipated that the project could create hundreds of construction jobs, along with other economic, environmental, and public health benefits. Since the beginning of COVID-19, Hollywood Boulevard along the Walk of Fame has seen a 14% rise in vacancies. This project will be essential to revitalizing the Boulevard when the community begins to emerge from the pandemic.

Robust community engagement has been a cornerstone of the effort. In-person and virtual outreach has included focus groups, neighborhood council meetings, a community open house, surveys, and an ongoing series of roundtable meetings, more than 40 of which have been held thus far.

“Like so many in Hollywood, I’m so excited about this project and have enjoyed being a part of the community engagement process,” said Sarah Zurell, a Hollywood resident and entrepreneur. “The ongoing outreach by Councilmember O’Farrell’s team has been inclusive, inspiring, and an example of how to build consensus around a vision. This process has reflected the love and care that so many people have for this treasured public space.”

The project is being overseen by the City of Los Angeles Bureau of Engineering. The concept plan proposes roadway changes to Hollywood Blvd, including removing the parking lane between Gower Street and La Brea Avenue and reducing the street by one travel lane in each direction between Argyle Avenue and La Brea Avenue. That space would then be dedicated to the new amenities, which would be designed and constructed in collaboration with the community.

Initial analysis showed that the proposed change to the roadway is not anticipated to result in heavy impacts to vehicular circulation. Schematic design will include a more detailed study of any corresponding impacts to traffic, and the community will be kept informed and updated regarding the analysis.

“We are thrilled to work with Councilmember O’Farrell and the community on this transformational project,” said Gary Lee Moore, City Engineer. “The Bureau of Engineering is committed to a collaborative, cohesive design for the Walk of Fame Master Plan - and ultimately bringing it to life, piece by piece, over time.”

The Walk of Fame Master Plan design team is led by Gensler. Gensler is an award winning global design firm committed to creating an equitable future through design in the communities where they live, work and play. Their projects in Hollywood include workplaces for Netflix and the renovation and expansion of the beloved landmark Musso and Frank Grill with an emphasis on improving the public experience.

In addition to the support from community members, the project also recently received an “Award of Excellence” from the Los Angeles chapter of the American Planning Association. The award will officially be presented at a virtual ceremony later this year. For more details on the HEART of Hollywood initiative and Walk of Fame Master Plan, including a survey and FAQs, visit http://heartofhollywood.la.
Garcetti Assumes Chair of Metro Board

Mayor’s press release:
LOS ANGELES (July 1, 2020) Mayor Eric Garcetti today began his term as Chair of the Los Angeles County Metropolitan Transportation Authority (Metro) Board of Directors, his third term in this post. He succeeds outgoing Chair and Inglewood Mayor James T. Butts, Jr.

“This is a moment not only to consider what’s possible on our roads and rail lines - it’s a time to reimagine how our transportation network can help deliver sustainability, equity, prosperity, and a better quality of life to all Angelenos,” said Los Angeles Mayor and Metro Board Chair Eric Garcetti. “Metro will be a strong force for positive change - a system where we lead on electrification, push forward on congestion relief, inject racial justice into every decision, clean our air, create jobs, and connect our communities.”

Mayor Garcetti will take a consensus-based approach as Chair of the Metro Board, where local voices are empowered and taxpayer dollars are spent responsibly. His upcoming term will focus on three core priorities:

Achieve Transportation Equity: Mayor Garcetti is committed to leveraging Metro’s resources to advance racial justice and economic opportunity for L.A. County residents by restructuring the bus system through the NextGen Bus Plan; lowering fares; providing workforce development programs and pipelines to employment; making transformative investments in historically underserved communities; and maximizing opportunity for minority and women-owned businesses.

Pursue Climate Action: Passenger vehicles are the largest source of greenhouse gas emissions in California - over three times more than the next biggest source. To take bold steps to reduce Vehicle Miles Traveled and greenhouse gas emissions, Mayor Garcetti will help lead Metro to attract new riders; electrify its bus fleet; develop a congestion pricing program; incentivize affordable housing; and build transit-oriented communities.

Reimagine the Future: Propelled by the momentum created by Measure R and Measure M, Mayor Garcetti will support Metro’s work to accelerate project timelines and make projects shovel-ready; develop and deploy new mobility options; utilize and leverage public-private partnerships; and harness the L.A. area’s innovative and creative spirit to incorporate the latest technology in Metro’s work.

“Metro will be faced with unprecedented challenges and opportunities in the coming fiscal year. I have great confidence in Mayor Garcetti to help us steer our way through this unique time in our agency’s history,” said Metro CEO Phillip A. Washington. “Mayor Garcetti is a true humanitarian who strives to improve the lives of Angelenos in every way possible. His term as Chair of our Board will complement our own agency efforts to provide the best transportation system for all L.A. County residents.”

In 2016, Mayor Garcetti led the coalition to pass Measure M - and more than 71% of voters in L.A. County backed his vision to invest $120 billion in expanding our transit system, fixing streets and freeways, and putting more than 777,800 people to work over the next 40 years.

Since 2013, Metro has broken ground on four transportation mega-projects under the watch of Mayor Garcetti, including:

- Crenshaw/LAX Line, a 8.5-mile light rail line that will improve mobility in South Los Angeles and transform the way Angelenos and visitors access LAX.
- Regional Connector, which will tie Metro’s light rail lines together through Downtown Los Angeles, allowing for a one-seat ride from the Eastside to the beach.
- Purple Line Extension, an underground subway on the Wilshire Blvd. corridor that will allow riders to travel between downtown Los Angeles and Westwood in 25 minutes.
- Gold Line Foothill Extension Phase 2B, continuing the Gold Line 12 miles east from Azusa to Montclair.

When Mayor Garcetti and Los Angeles won the bid for the 2028 Olympic Games, Metro adopted his 28 by ‘28 initiative, a plan to harness the unifying power of the Olympic Movement to accelerate L.A.’s transportation future and leverage Measure M to complete 28 key transportation projects in time for the Games.

Mayor Garcetti has also led the way to creating the largest clean-air bus fleet in the nation. He directed Metro to develop plans to convert to a 100% zero-emissions bus fleet by 2030, and he has moved on a bold set of goals - including a fully zero-emissions conversion of the Orange Line by 2020.

New Deputy Mayor for City Homelessness Initiatives

Mayor’s press release:
LOS ANGELES (August 11, 2020) Mayor Eric Garcetti today named longtime homelessness services advocate and provider, Jose “Che” Ramirez, as the new Deputy Mayor for City Homelessness Initiatives. With more than a decade of experience in this field in both Los Angeles and San Francisco, Ramirez will oversee the Mayor’s agenda to construct temporary shelters, build supportive and affordable housing, deliver vital services, and bring homeless Angelenos indoors.

“When COVID-19 reached our city, we doubled down on our work to deliver housing, healing, and hope to Angelenos experiencing homelessness - and we remain laser-focused on putting a roof over the heads of our most vulnerable neighbors,” said Mayor Garcetti. “Homelessness has long been the most urgent moral and humanitarian crisis of our time, and Che’s life experience and professional expertise make him the perfect person to lead our efforts to confront it.”

Ramirez has spent his career working to improve the lives of our state’s most vulnerable populations. Before joining the City, Ramirez was the Executive Director of the St. Anthony Foundation in San Francisco, where he took the helm of a landmark institution’s work to feed, clothe, serve, and house homeless residents from the surrounding community.

“I’m excited to come back and work in Los Angeles with an amazing team and Mayor who are dedicated to serving our homeless community,” Ramirez said. “I look forward to leading a movement of compassion in Los Angeles to house and heal our homeless guests in these challenging times. We all have a role to play in solving homelessness, and it’s in these unprecedented moments that we truly learn what it means to be a community.”

Previously, Ramirez served as Executive Director and Chief Operating Officer at St. Francis Center (SFC) in Downtown Los Angeles, where he led programs to connect people experiencing homelessness to housing, employment, medical needs, and referral services.

Prior to joining SFC, Ramirez was Job Development Director for the Boys & Girls Club in Oxnard, where he supported at-risk youth and helped direct the organization’s Youth Empowerment Program. He also worked as a Residential Recovery Counselor at Telecare Corporation in Camarillo, a transitional housing facility for individuals struggling with mental health and substance abuse challenges.

Ramirez replaces Christina Miller as Deputy Mayor, carrying on her leadership in starting the A Bridge Home program; implementing voter-approved Proposition HHH and Measure H; dedicating new resources to Skid Row; securing unprecedented state investments in local homelessness solutions; and instituting rapid COVID-19 response initiatives like Project Roomkey, emergency homeless shelters, and isolation and quarantine hotels and motels.

After departing the Mayor’s Office, Miller will take on a leadership role with The National Alliance to End Homelessness, where she will continue contributing to the battle against homelessness across our country.

“Christina brought her determination, resolve, creativity, and dedication to the monumental task of housing and helping our city’s homeless population - and she’s laid an incredible foundation for progress in the months and years ahead,” added Mayor Garcetti. “I know Christina will remain a strong partner, a tireless advocate, and a powerful voice in the fight to end homelessness in our nation, and I look forward to seeing her seize this new opportunity to make an impact on this cause.”
Construction Network Seminars

The Construction Network - Connecting Owners to AEC and CFM Industries. To RSVP: www.construction-network.net

Community College Districts - Capital Construction/Bond Program Update on September 1, 2020 at the Long Beach Marriott, 4700 Airport Plaza Dr., Long Beach, 90815, 8:00 am Registration, 8:30 am Presentation.

Speakers: Joel Peterson, Director of Facilities Glendale Community College District; Ynez Delgado Canela, Local Business Outreach Administrator, Measure CC San Bernardino Community College District; Troy Ament, Executive Director, Construction & Facilities Chaffey College; Nawar Al Juburi, CCM, LEED GA, Project Manager, DSA Coordinator South Orange County Community College District. Moderator: Fred Parker, Director of Operations, GAFCON

Cost: $89/person until 8/11/20, $129/person until 8/28/20, $149/person at the door.

StreetsLA on Wednesday, September 2, 2020 at City Club, 555 S. Flower, 51st Floor, L.A., 90071, 8:00 Registration, 8:30 am Presentation. Guest Speaker: Adel Hagekhali, Executive Director and General Manager.

The Bureau of Street Services was recently branded “StreetsLA” and is part of the Department of Public Works family responsible for preserving, protecting, maintaining, and renewing the City of Los Angeles’ (City) street network and urban forest. This includes our streets’ sidewalks, bikeways, trees, and medians. The men and women of StreetsLA are committed to providing high quality, efficient and equitable services across our great city and communities. We strive to build our services around integration, innovation, and inclusion.

Cost: $89/person until 8/11/20, $129/person until 8/28/20, $149/person at the door.

Hollywood Burbank Airport Capital Program Update on Wednesday, September 9, 2020, 8:30 am Zoom Presentation. Guest speaker: Patrick Lammerding, Deputy Executive Director of Planning & Development


LA Metro Upcoming Rail and BRT Projects on Tuesday, September 22, 2020 at City Club, 555 S. Flower, 51st Floor, L.A., 90071, 8:00 Registration, 8:30 am Presentation.

Speaker: Bryan Pennington, Deputy Chief Program Management Officer


Metrolink Project Updates on SCORE and Rehabilitation Programs on Wednesday, September 23, 2020 at City Club, 555 S. Flower, 51st Floor, L.A., 90071, 8:00 Registration, 8:30 am Presentation.

Speaker: Justin Fornelli, PE, Chief - Program Delivery, Metrolink.

Cost is $89/person until 9/1/20, $129 until 9/18/20, at the door $149.

LAUSD Program Update on Thursday, September 24, 2020, at City Club, 555 S. Flower, 51st Floor, L.A., 90071, 8:00 Registration, 8:30 am Presentation. Guest speaker: Mark Hovatter, Chief Facilities Executive.

Cost is $89/person until 9/1/20, $129 until 9/18/20, at the door $149.

Exposition Park California Master Plan & Project Updates on Wednesday, September 30, 2020 at City Club, 555 S. Flower, 51st Floor, L.A., 90071, 8:00 Registration, 8:30 am Presentation. Speakers: Ana Lasso, Exposition Park General Manager; Neal Payton, FAIA, LEED-AP, Principal, Torti Gallas + Partners.

Cost is $89/person until 9/8/20, $129 until 9/25/20, at the door $149.

Los Angeles Community College Districts - Project Updates on Thursday, October 1, 2020 at The City Club, 555 S. Flower, 51st Floor, L.A., CA 90071, 8:00 am Registration, 8:30 am Seminar. Speaker: Dr. Rueben Smith, Chief Facilities Executive.

Cost: $89/person until 9/15/20, $129/person until 9/25/20, $149/person at the door.

Metro Gold Line Foothill Extension Construction Authority - Capital Program Updates on Tuesday, October 6, 2020, at Westin Bonaventure, 404 S. Flower St., L.A., 90071, 8:00 am Registration, 8:30 Presentation. Guest Speaker: Habib F. Balian, Chief Executive Officer, Foothill Gold Line.

Cost is $89/person until 9/15/20, $129 until 10/2/20, at the door $149.

L.A. County Department of Public Works Capital Program Update on Wednesday, October 7, 2020 at the City Club, 555 S. Flower, 51st Floor, L.A. 90071, 8:00 am Registration, 8:30 Presentation. Guest speakers: Vincent Vu, Assistant Deputy Director; Joseph Nicchitta, Director, Department of Consumer and Business Affairs; Michael Owh, General Manager, Internal Services Department.

Cost is $89/person until 9/15/20, $129 until 10/2/20, at the door $149.

LA Metro P3 Projects on Tuesday, November 3, 2020 at the Westin Bonaventure, 404 S. Flower St., L.A. 90071, 8:00 am Registration, 8:30 am Presentation. Featured speaker is Colin F. Peppard, Senior Director, Office of Extraordinary Innovation.

Cost: $89/person until 10/13/20, $129/person until 10/30/20, $149/person at the door.

Port of Long Beach & Port of Los Angeles on Thursday, November 5, 2020, at the Long Beach Marriott, 4700 Airport Plaza Dr., Long Beach, CA 90815, 8:00 am Registration, 8:30 am Presentation. Speakers: Duane Kenagy, P.E., Capital Programs Executive, Port of Long Beach; Shaun Shahrestani, Chief Harbor Engineer - Construction, Port of Los Angeles.

Cost: $89/person until 10/13/20, $129/person until 10/30/20, $149/person at the door.

Bid Protests: Local, State & Federal - A “How To” Course on Tuesday, November 17, 2020, at the Riverside Marriott, 3400 Market St., Riverside, CA 92501, 8:00 am Registration, 8:30 am Presentation. This seminar provides you with the tools and best practices for state and local bid protests. This “how to” course, addresses key tools for the protestor, the public entity and apparent low bidders. There will also be a brief overview of Federal bid protests. The most common basis for bid protests will be considered, along with the typical defenses to bid protests asserted by public entities. You will also learn about which forums are available for bid protests. The seminar also consider the tools you need to most effectively and efficiently deal with bid protests. Instructor: Larry Lukba, Esq., Lukba & White LLP.

LA Metro Construction - Outlook on Upcoming Metro Capital Projects on Wednesday, November 18, 2020 at the Westin Bonaventure, 404 S. Flower St., L.A. 90071, 8:00 am Registration, 8:30 Presentation. Guest speaker: Timothy Lindholm, Senior Executive Officer, Program Management & Capital Projects.

Cost is $89/person until 10/27/20, $129 until 11/13/20, at the door $149.

Caltrans D7 Project Updates on Thursday, November 19, 2020, at The City Club, 555 S. Flower, 51st Floor, L.A., CA 90071, 8:00 am Registration, 8:30 am Presentation. Speakers: John Bulinski, District Director; Gloria Roberts, Chief Deputy Director; Mark Archuleta, Deputy District Director, Construction; John Yang, I-5 Construction Manager


Orange County Sanitation District Capital Program Update on Thursday, January 21, 2021, at the Long Beach Marriott, 2700 Airport Plaza Dr., Long Beach, CA 90815, 8:00 am Registration, 8:30 am Presentation. Guest speaker: Dean Fisher, Engineering Manager

Cost is $89/person until 1/15/21, $129 until 1/22/21, at the door $149.

Orange County Transportation Authority - Capital Program Update on Wednesday, January 27, 2021 at Westin Bonaventure, 404 S. Flower St., L.A. 90071, 8:00 am Registration, 8:30 am Presentation. Guest speaker: Jake Adams, Deputy Executive Director, LAWA.

Cost is $89/person until 1/15/21, $129 until 1/22/21, at the door $149.

Los Angeles World Airports Capital Program Updates on Wednesday, February 3, 2021 at the Long Beach Marriott, 2700 Airport Plaza Dr., Long Beach, CA 90815, 8:00 am Registration, 8:30 am Presentation. Guest speaker: Darrell Johnson, CEO, OCTA.

Cost is $89/person until 1/12/21, $129 until 1/29/21, at the door $149.

Legal Seminar: Design-Build Delivery - Best Practices for Success on Tuesday, February 9, 2021 at the Long Beach Marriott, 4700 Airport Plaza Dr., Long Beach, 90815, 8:00 am Registration, 8:30 Presentation.

In today's construction market, the overwhelming majority of construction projects use some form of alternative delivery. Design-Build is a delivery method that has surged in popularity over the last two decades on both public and private projects. However, this is by no means a fail-proof means of delivery. This informative seminar will help to ensure a greater likelihood of project success. Learn the following:

- Pros and cons of design-build compared to other delivery methods
- Understanding and managing risks and liabilities unique to design-build
- Benefits of teaming agreements
- Implementation of best practices during planning, design and construction
- Managing design deficiencies, differing site conditions, schedule delays and construction changes
- Discussion of published case law and actual project experiences
- Tips for successful design-build project and much more...

Presented by: Mary Salamone, Esq., Partner - Procopio; William Reifsteck II, FDBIA CRIS, Director, Preconstruction - Webcor Builders

Cost is $89/person until 1/19/21, $129 until 2/5/21, at the door $149.

LA Metro Transited Oriented Community (TOC) Development Programs on Wednesday, June 9, 2021 at City Club, 555 S. Flower, 51st Floor, L.A., CA 90071, 8:00 am Registration, 8:30 am Presentation. Guest Speaker: Nick Saponara, Deputy Executive Officer, Transit Oriented Communities.

The Construction Management Association of America Southern California Chapter is offering the following seminars. For additional information please go to www.cmaasc.org.

COVID-19 and The FEMA Public Assistance Program - How to Maximize your Recovery, Zoom Meeting, on August 19, 2020, 8:30 am - 10:00 am. The FEMA Public Assistance (PA) Program provides vital aid to those affected by a Major Disaster to support response and recovery efforts such as the ongoing COVID-19 pandemic. However, the determination of eligible funds and the application process is complex and difficult to navigate. During these challenging times, it is important to know how to access but also retain these funds. This webinar will provide an in-depth look at the application process, eligible costs and answer any questions you may have regarding the PA program and maximizing your recovery from the COVID-19 pandemic.

Speakers: John Kropog and Todd Cosolino and Moderator: Heather King, SafeworkCM
Register by August 18, 2020, $45/member, $75/non-member.

Construction Program Forecast: North Orange County Community College District & South Orange County Community College District, Zoom Meeting, on August 20, 2020, 8:30 am - 10:00 am. Community College Districts have played a vital role providing a positive impact to their regional economies, a tremendous educational opportunities for students and communities they serve, and a successful pathway for long-term professional career. This webinar will be moderated by an educational facilities professional and you will learn from both NOCCCD and SOCCCD leadership teams about their role on supporting their District’s educational mission, and diving in more detail to discuss their specific capital construction program, long-range facilities master plan, major development at their colleges, effects of COVID-19 on facilities and construction program, preferred delivery methods and other challenges and opportunities.

Emcee: David Pintar, Director of Project Development, C.W. Driver
Moderator: Hussain Agah, Associate Vice Chancellor, Facilities Planning & Development, RCCCD
Speakers: Fred Williams, Vice Chancellor, Finance & Facilities, NOCCCD; Richard D. Williams, District Director, Facilities Planning & Construction, NOCCCD; Nawar Al Juburi, Senior Project Manager, SOCCCD
Register by August 19, 2020, $45/member, $75/non-member.

Los Angeles Community College District’s Capital Program Updates, Zoom Meeting, on August 24, 2020, 11:00 am - 12:00 pm.

Speaker: Dr. Rueben Smith, Chief Facilities Executive, LACCD & Moderator: Judy Johnson, Vice President, Jacobs.

Hear from Dr. Smith as he discusses the District’s Bond Program and how the District is reacting to COVID-19 and the reopening of its campuses this fall.

Register by August 23, 2020, $45/member, $75/non-member.

Mindful Leadership - Building the Strategic Team, Zoom Meeting, on August 25, 2020, 12:00 pm - 2:00 pm. Join us as we explore how mindfulness is becoming an increasingly important practice for leaders. By understanding mindfulness, participants will have a greater understanding of their emotions and learn how to maintain a balanced perspective and presence, even in challenging situations. By practicing mindfulness, leaders will be better equipped to manage their own stress and lead others. This session will explore the value of mindfulness and how it can be applied in the workplace. The session will also highlight key strategies for developing a mindful leadership style.

Emcee: David Pintar, Director of Project Development, C.W. Driver
Moderator: Stacy Kesten, Executive Coach, Ensign Partners
Speakers: John Scherck, Construction Project Director, Arcadis; Tom Huntington, Principal Partner, Capo Projects Group
Register by August 24, 2020, $45/member, $75/non-member.

Metro is redefining the role of the transit agency by expanding mobility options, promoting sustainable urban design, and helping transform communities throughout Los Angeles County. At the forefront of this effort is Metro’s vision to create transit oriented communities (TOCs). TOCs include land use planning and community development policies that maximize access to transit as a key organizing principle and acknowledge mobility as an integral part of the urban fabric. TOCs promote equity and sustainable living by offering a mix of uses close to transit to support households at all income levels, as well as building densities, parking policies, urban design elements, and first/last mile facilities that support ridership and reduce auto dependency.
**Arrivals**
Mstafa Al-Msari, Civil Eng Assoc I, CEN; Elyse Grepo, Civil Eng Assoc I, MTD; Lucas Huang, Civil Eng Assoc I, EED; Vishal Mandalia, Civil Eng Assoc I, PAC; Thomas Volum, Civil Eng Assoc I, SSD; Nicole Kishimoto, Civil Eng Assoc I, WCE; Oscar toe, Civil Eng Assoc I, HAR; Natalie Sparrow, Sr Project Coordinator, SWD.

**Departures**
Eduardo Gamez, Student Engineer IV, WCE; Internship/Employment ended; James Wohlwirth, Environmental Supervisor I, EMG, Resigned.

**ICC Certificates**
Ibrahim Hafeez, Civil Engineer/PM I, EED; Mircea Pop, Civil Eng Assoc III, GED; Amy Lin, Civil Eng Assoc III, WCE; David Nguyen, Environmental Eng Assoc III, WCE; Arsen Vaskerchyan, Sr Civil Engineer, SWD; Crystal Lee, Sr Civil Engineer, HAR; Alyssa Reyes, Civil Eng Assoc I, SSD; Wirikit Wichitchan, Civil Eng Assoc II, POD; Lubna Malik, Civil Eng Assoc II, POD; Seyedehava Majidi, Civil Eng Assoc II, SSD; Daniel Orris, Eng Geologist Assoc II, GED; Fatima Guerra, Civil Eng Assoc I, SSD; Mstafa Al-Msari, Civil Eng Assoc I, CEN; Reynaldo Saldivar Lopez, Civil Engineer, MITD; Tung Lee, Civil Eng Assoc IV, SW; Michael Lutz, Environmental Eng Assoc I, EED; Samson Wong, Civil Eng Assoc II, PCM; Winston Boyce, Civil Eng Assoc II, GED; Minh Diep, Civil Eng Assoc II, SSD; Walter Carrera, Civil Eng Assoc II, GED; Gregory Moeser, Landscape Architect Assoc II, ARC; Kevin Avila, Civil Eng Assoc I, WCC; Vivian Lui, Civil Engineer, WCE; Andrew Lam, Civil Eng Assoc III, CMD; Neel Mistry, Civil Engineer, CMD; Ingrid Reyes, Architectural Assoc II, CMD; Anthony Felipe, Civil Engineer, SSD; Anaguda Mamadpurkar, Civil Engineer, CMD; Allen Wang, Civil Engineer, POD; Susan Shu, Sr Civil Engineer, SW; Ngoc Kim, Civil Eng Assoc I, CEN; Adrian Sanchez, Civil Eng Assoc II, WCE; Zubaid Mizan, Civil Eng Assoc II, PCM; Marcelino Ascencio, Civil Engineer, HFD; Emilia Der Sarkissian, Civil Eng Assoc I, WCC; Jin Chae, Structural Eng Assoc II, SED; Mariam Yousef, Structural Eng Assoc III, SED; Chang-Shien Lin, Civil Engineer, SW; Haiman Farzan, Bldg Mechanical Engnr II, AR; Marcus Yee, Architectural Assoc II, ARC; Alexandria En, Civil Eng Assoc I, CSD; Randa Jabber, Civil Eng Assoc I, BID; Dale Williams, Civil Engineer, CEN; Fidel Onate, Bldg Electrical Assoc I, ARC; Bianca Argueta, Civil Eng Assoc I, BID; Bingneris, Civil Eng Assoc III, WCC; Yeganeh Sadeghi, Civil Eng Assoc II, HAR; Ali Hematabadi, Civil Engineer, WCC; Primitivo Gomez, Civil Engrg Assoc I, CEN; Mariet Ohanian, Civil Engineer, CMD.

**Promotions**
Jack Baisley, Civil Eng Assoc II, WCC; Jesus Bermudez, Civil Eng Assoc II, POD; Winston Boyce, Civil Eng Assoc II, GED; Wei Hu, Civil Eng Assoc II, GED; Lubna Malik, Civil Eng Assoc II, POD; Renzo Soriano, Civil Eng Assoc II, CEN; Adria Zulueta, Civil Eng Assoc II, CMD.

**Good Elected BPW President**
On July 7, 2020, Greg Good was elected as the new President of the Board of Public Works. Good, who was confirmed to the Board on June 24, 2020 replaced Kevin James, who served as President for seven years. Good will serve the remainder of James’ second five-year term, which lasts until June 30, 2022. “To begin, it is an incredible honor to be appointed to the Board by our Mayor and confirmed by the City Council. To then be elected President by my colleagues on the Board is thrilling and humbling,” Good said. “I will meet our confidence by working relentlessly to ensure that the Department of Public Works not only continues providing critical infrastructure services and programs for all Angelenos, but also serves as a model of equity, sustainability and resiliency in these unprecedented and challenging times,” Good added.

**Katrina Forbes Named Engineering’s First Racial Equity Officer**
We are pleased to announce that Katrina Forbes, P.E., MBA, ENV SP, has been named as Engineering’s first Racial Equity Officer. She will represent the Bureau of Engineering on the City’s Racial Equity Task Force implemented as part of the Mayor’s Executive Directive 27 Racial Equity in City Government.
Forbes is a graduate of Loyola Marymount University and holds both a degree in Civil Engineering and a Master’s Degree in Business.

**Labor Day Holiday**
Monday, September 7, 2020, is a City holiday. Remember to mark your timesheet for that day as HO 8.0. Since the holiday is only for eight hours, those of you on the 9/80 schedule must adjust your hours accordingly within the same pay period. (Non-FLSA exempt employees can only adjust their hours within their defined work week.) Check with your division timekeeper if you have any questions.

**Employee Performance Appraisals Due**
This is a reminder that the annual BOE Employee Performance Appraisals for the rating period of July 1, 2019 through June 30, 2020 are due by August 28, 2020.

**ASCE LA YMF PE Review Course**
Now is the time to advance your Civil Engineering career by obtaining your Professional Engineer’s license. ASCE Los Angeles Younger Member Forum (YMF) offers the PE Review Course twice a year to help their members prepare for their PE Exams. The Review Course is open to anyone and there is a discounted enrollment rate for ASCE members. The comprehensive 16-Part PE Review Course covers all subjects of the Civil Engineering PE Exam: Environmental, Geotechnical, Construction, Water Resources, Transportation, Structural, as well as the California-specific Seismic Principles and Engineering Surveying exams. Enroll today to maximize your potential to pass! For more information or to register, go to www.mlab-ymf.org and click on PE Review.
Fall 2020 registration is now open, class starts on August 18, 2020.

COVID-19 update: The Fall 2020 session will be held virtually. Register by August 7 to receive materials prior to the first class.
Please note that NCEES Exam Registrations have been filled at all California testing sites. Please verify that you are scheduled to take the exam before signing up. Also consider asking NCEES to expand exam registration capacity.

**Van Nuys Bridge Home**

**We’d Like to Hear from You**
If you have any articles for the Newsletter, please e-mail them to BOENewsletter@gmail.com. Deadline for the next issue is Thursday, September 3, 2020.

**Engineering Vision**
To lead the transformation of Los Angeles into the world’s most livable and resilient city.