

AdvanTEC TALK

CV Sync-Cathedral City Designed by ADVANTEC Now Under Construction in Cathedral City and Other Cities in Coachella Valley

This ADVANTEC project has been featured in the local news in Cathedral City. The City of Cathedral City Mayor Raymond Gregory introduced the CV Sync project to synchronize traffic signals in the city and the surrounding areas of Coachella Valley. Joined by Justin Schlaefli, Civil/Traffic Engineer from TKE Engineering and Tom Kirk, Executive Director of CVAG, they describe what CV Sync will do to benefit the people of Cathedral City with safer, more efficient travel and the environment by reducing greenhouse gas emissions and improving air quality.

[Watch Video](#)

Leading-edge Technology with the C-V2X Pilot Project, City of La Quinta

By Carlos Ortiz, P.E., PTOE, COO



Recently, ADVANTEC conducted a C-V2X Pilot Project in the City of La Quinta as part of our CVAG CV Sync Program. We are deploying connected vehicle technologies where newer vehicles will be able to see the Signal Phase and Timing (SPaT) and other Basic Safety Messages (BSM) via vehicle On-Board Unit (OBU) that will communicate with the roadway infrastructure. This leading-edge technology in La Quinta will help to advance the City and region as we move closer and closer to implementing the use of connected/automated vehicles. The C-V2X Pilot

Project was a success and CVAG will be deploying the technology over 600 signalized intersections in the Coachella Valley and creating Connected and Smart Corridors.



CEO Blog: "Because we Care!"

By Leo Lee, P.E., CEO



As a part of our AdvanTEC-TALK Newsletter, we strive to provide our readers with informative project updates and newsworthy information about our company. But there is so much more to our company than the engineering and work we do every day. The heart and soul of our firm is about people. . . our team members, clients and teaming partners. In this blog, I would also like to share with you an inside look at some of the things we are doing to make our company a continually better place to work and how we live our motto "Because we Care!".

The one company culture that we promote all the time is our 'People-centric' culture. This was exemplified recently in our "Hybrid Work Environment" that we have implemented since June 2021. Through it all, we are striving to provide the best platform of serving our clients by our employees, while promoting teamwork and camaraderie. This is just one of the many examples of how our 'people-centric' focus allow us to address the changing environments and varying needs of our staff and clients. (*Read More about our Hybrid Work Environment via the link below*)

Supporting our professional organizations is important to ADVANTEC. In our industry, the sharing of our knowledge with clients, colleagues and the profession is essential for mentorship, growth and industry collaboration. In August, Carlos Ortiz and I were speaking and moderating sessions at ITS California, our first in-person conference in 18 months. I made a presentation on "My Car Almost Killed Me, Can We Trust Autonomous Vehicles?" and Carlos moderated a session "Moving from 'Smart Cars and Dumb Roads' to 'Smart Cars and Smart Infrastructure'". ADVANTEC has been a supporting company member of ITS California since its founding and Carlos is serving on the Board of Directors. We have participated in every one of the ITS-CA conferences since 2000 (at Angels stadium). We were also the wifi sponsor for ITS-CA this year, and produced a new ADVANTEC video for that conference. (View below.)

ADVANTEC was also pleased to be a Gold Sponsor of the Mobility 21 Summit for 2021, with the added honor of introducing the moderator of the Chair's Roundtable: Road to Recovery on September 30th. ADVANTEC's booth #88 at the Mobility 21 Summit featured our company and projects, as well as our corporate video.

Focus on the Future with the Self Help Counties Coalition is also on our schedule for November 15-16 of this year, where we will be able to connect virtually with so many of our clients and colleagues. ADVANTEC was instrumental in one of the Virtual Tours for Focus on the Future, demonstrating the CV Sync project for CVAG in the Coachella Valley.

As a small DBE/SBE firm, ADVANTEC is pleased to be able to participate in these important professional organizations and give back to the transportation community that we value and care about so much! Because we Care!

Read More About our Hybrid Work
Environment

Watch ADVANTEC's ITS-CA
Video



CVAG Smart Region Project to Include “Broadband”

The ADVANTEC CVAG Smart Region Project will include expanding the program to include “Broadband” communications. A broadband backbone is being laid that will eventually lead to improved internet for businesses and residents. This was highlighted in Mayor Raymond Gregory’s

remarks as a part of the video interview in Cathedral City. ADVANTEC received an over \$1 million contract to design Broadband Communications in the Coachella Valley as we continue to prepare the desert to become a Smart Region! Watch for our Virtual Tour Video of this Project as a part of Focus on the Future!

Congratulations John Cox!

ADVANTEC congratulates John Cox for becoming a shareholder at ADVANTEC Consulting Engineers! It is with much gratitude that we invited John to become one of our shareholders as he has provided 8 years of amazing service to our firm and to our clients! He is a Systems Engineer based in our Irvine office, and his expertise has helped many cities to implement, troubleshoot and integrate different hardware and systems in their TMCs. We welcome John as a shareholder!



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ADVANTEC is looking for talents like you!

ADVANTEC Consulting Engineers is a rapidly growing professional engineering firm specializing in advanced multi-modal transportation technology in planning, design, and operations. We provide our clients a variety of professional services, including, Highway Engineering, Public Works, Intelligent Transportation Systems (ITS), Traffic Engineering, and Transportation Planning. ADVANTEC’s multi-disciplined team of talented and innovative professionals includes civil, electrical, and traffic engineers and planners. **If the following suits you, you should apply!**

1. We are a people centric company – our culture is centered around our staff, our clients, and the public we serve;
2. We are a small firm working on many large projects as prime consultant, including for example:

- a. Freeway Interchange Design and Geometric Improvements – we have the best freeway interchange designers that many of our clients seek out for them.
 - b. Intelligent Transportation System Projects – we adopt state-of-the-art multi-modal technologies to improve safety and reliability of our roadway infrastructure.
 - c. Multi-agency Traffic Signal Operations & Synchronization Projects – we actively improve traffic operations as experienced by the travelers, as we have synchronized over 2500 intersections in the past 10 years in southern California!
 - d. Public Works and Traffic Engineering – we have worked with over 150 local municipalities, regional transportation agencies and state governments to meet their transportation and public works engineering needs throughout southern California.
3. We distribute bonuses twice a year, and our bonuses are generally higher than industry norms for similar positions.
 4. We have very comprehensive benefits, including health and 401k Program.
 5. We promote career growth and professional training.
 6. We participate in professional societies including APWA, ITE, ITS California, WTS, etc.
 7. We promote Diversity, Equity and Inclusion.

We are looking for an experienced Senior Executive to be a part of our dynamic team and lead our Public Works Engineering group, working in our Irvine/Diamond Bar offices:

Director of Public Works Engineering

To lead the Public Works Engineering team, a rapidly growing discipline in the firm, managing exciting projects that enhance communities for a better quality of commute through safer, more efficient systems. The projects we undertake include street improvements, highway engineering, public works design, traffic engineering, and other interrelated disciplines. You will also be leading the business development and recruiting efforts to grow this discipline, with great career advancement opportunities and continuously exciting projects. This key position requires a suitable degree with 15+ years of experience. Caltrans interchange design experience is a plus! Professional Engineer (Civil) in California license required. Local experience in California is preferred.

ADVANTEC Consulting Engineers also has the following positions in either Irvine, Diamond Bar and Los Angeles office:

Senior ITS Engineers/Project Managers (Irvine and Diamond Bar Office)

To manage and perform business development on multi-modal smart mobility projects involving ITS, traffic signal synchronization, traffic engineering, and other supporting disciplines. You will also be supervising and mentoring several young engineers, with great career advancement opportunities! Requires suitable degree and with 7+ years of experience. Requires California Professional Engineer license.

ITS Project Engineers/System Engineers (Irvine and Diamond Bar Offices)

To work on multi-modal smart mobility projects involving ITS, traffic signal synchronization, traffic engineering, and other disciplines. You will be given training in broad technical disciplines and project management, with great career advancement opportunities! Requires suitable degree and with 3+ years of experience. EIT preferred, Professional Engineer license a plus.

Public Works/Highway Project Managers (Irvine and Los Angeles Office)

To manage major projects involving highway engineering, public works design, traffic engineering, and other interesting disciplines. You will be given training in business development and project management with great career advancement opportunities! Requires suitable degree with 7+ years of experience. Professional Engineer (Civil or Electrical) license a plus.

Engineering Graduates (Diamond Bar and Irvine Office)

We are looking for the brightest engineering graduates with good engineering sense and strong technical skills. You will receive training to become the best in the profession and be well rewarded for it!

Engineering Interns Part-time (Diamond Bar & Irvine Office)

You will be trained by the best Engineers in the profession on interesting projects involving highway engineering, traffic engineering design, ITS, traffic signal synchronization, transportation planning, and other interesting disciplines. College students are welcome, and we have a flexible work schedule to suit your education needs.

Our compensation package involves very competitive salaries, bonus distribution twice a year, medical & dental insurance, 401k plan, and rewarding programs tailored for the bright and ambitious professionals!

ADVANTEC motto is ***“Because We Care!”***

This is the hallmark of our high quality and excellent reputation. We care about the public that we serve, and strive to provide safe and efficient transportation solutions to serve them. We care about our clients, and excel in providing services that meet their needs. We care about our ADVANTEC team, and provide advancement opportunities, challenging projects, a collaborative, flexible and enjoyable work environment, training and support to help them achieve their fullest potential. We care about our deliverables, and perform at our best level to achieve highest quality and results to complete projects that serve as premier examples and an inspiration to our industry.

For more information about ADVANTEC, visit our website at www.advantec-usa.com

Interested candidates may apply online through our website, or email resumes to HR@advantec-usa.com

To find out about other positions available at ADVANTEC, please visit:

Visit ADVANTEC Careers



ADVANTEC Receives Two BizX Awards

ADVANTEC was recently honored with two BizX Awards. We received the Silver Award for Top Service Company and Bronze award for Best Company Culture and the. The BizX awards highlight more than 20 categories, honoring & recognizing the best of small businesses globally. Thank you to our dedicated team and our clients for giving us the opportunities to work on exciting projects that give us constant enthusiasm for our work and award-winning opportunities!

Calendar of Transportation Events

Watch for ADVANTEC and our Clients at the Following Conferences:

***November 15-16, 2021-Focus on the Future**, Self Help Counties Coalition. ADVANTEC will be a Gold Sponsor and has sponsored the creation of the CV Sync Virtual Tour

***May 16-18, 2022-ITS CA Annual Conference and Exhibition** , Hyatt Regency, San Francisco Airport

***June 26-29, 2022-ITE Western District**, Palm Springs, CA

***July 32-August 3, 2022-ITE International Annual Meeting and Exhibition** , New Orleans, LA

***August 28-31, 2022, APWA PWX** , Charlotte, NC

In our upcoming issue--

The Purple Line Project, LA Metro

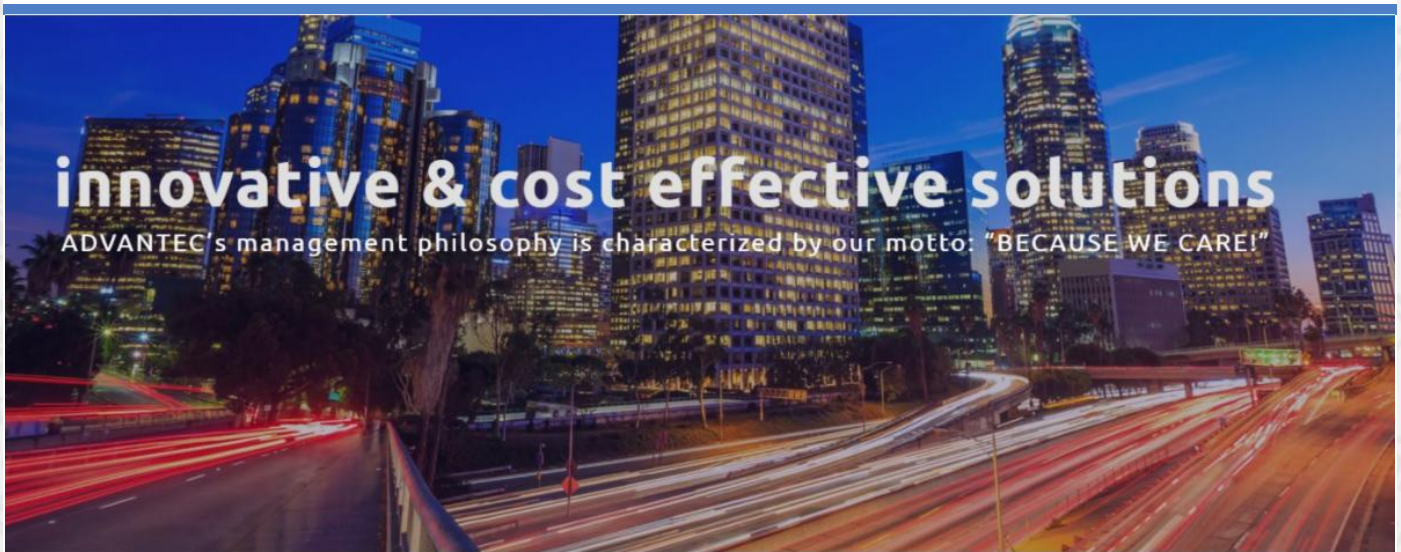
ADVANTEC is committed to keeping our teams, clients, partners and general audience informed and up-to-date on key projects and happenings within our transportation world. Stay tuned for our next newsletter.



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TALK Newsletter

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website

Reach out to us:
Contact Leo Lee, CEO at:
marketing@advantec-usa.com



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