2022 - A YEAR IN REVIEW SIGNATION CONTRACTOR OF CONTRACTOR



Regional Water Recycling Plant No. 5 (RP-5) Liquids Treatment Expansion to 22.5 MGD and SolidsTreatment Facility CHINO HILLS, CA

The Liquids Treatment Expansion to 22.5 MGD and Solids Treatment Facility Project at RP-5 was awarded on July 15th, 2020. To date, the project has incurred 190 executed change orders thus far, and through those change orders W. M. Lyles Co. (WML) has been successful in saving Inland Empire Utilities Agency (IEUA) close to \$1 million dollars by offering value engineering proposals. Read more about this project on Page 1.



Fresno RWRF Waste Gas Flare Improvements

Fresno, CA. Awarded in December of 2021, the purpose of the project is to add two ultra-low NOx flares so that the plant's digester waste gas can be disposed of in a much cleaner way. Read more about this project on Page 4.



ETSU - Phase 1A Aeration Basin Modifications

Union City, CA. WML was contracted by the Union Sanitary District to perform Phase 1A of the Enhanced Treatment and Site Upgrade Program. Read more about this project on Page 7.



American Paving Co.









NEWSLETTER

FROM THE **PRESIDENT**



Inside THE ISSUE

Letter from the President Inside Cover

WML Southern Division Pg. 1

WML Central Division Pg. 4

WML Northern Division Pg. 7

Lyles Utility Construction Pg. 10

New England Sheet Metal Pg. 11

American Paving Company Pg. 14

Lyles Diversified, Inc. Pg. 17

Business Development Pg. 18

2022 Interns Pg. 19

Service Awards Back Cover

When to the 2022 Newsletter. As I have mentioned in the past, our employees are the lifeblood of this company. It is my firm belief that the talented, hard-working men and women building our projects are at the heart of LCG's success. When you take in the projects we are showcasing in this year's newsletter, keep in mind that our employees are "where the rubber meets the road" and without them, none of these simply amazing projects would ever get off of the ground. Our employees are true professionals, and I cannot tell you how much I personally appreciate each and every one. Year after year, I am consistently impressed by the way they exemplify our culture of integrity, quality, and performance.

With that said, I also want to shout out to the unsung heroes of our team – the families of our employees. Our parents, spouses, significant others, brothers, sisters, children, friends, and some of us, grandchildren, and their unwavering support give us all the strength we need to make the magic happen. Construction is not easy, and it requires hard work, dedication, and commitment. Many of our employees have to travel great distances to get to their projects and work long hours. We are successful in large part because of the love and encouragement each of us receives from our families and friends. Thank you for supporting us in our work. We couldn't do what we do without you. You are honored and greatly appreciated.

Rich Nemmer

President/CEO Lyles Construction Group



Regional Water Recycling Plant No. 5 (RP-5) Liquids Treatment Expansion to 22.5 MGD and SolidsTreatment Facility (Continued from Front Cover) CHINO HILLS, CA

Of the total 54-month project duration, WML recently hit the 27-month mark in October 2022. With 22 months of construction complete, the project hit 50% cost completion in the same month. Some key highlights of work completed thus far include: 280,000 CYS of earthwork has been performed; 38,000 CYS of concrete out of the 53,000 CYS project total have been placed, along with 10.4 million pounds of reinforcing steel and 300 tons of structural steel; 75,000 SF of structure shoring has been set; 43,000 LF of underground yard piping has been installed and 85% of all electrical ductbank is complete; architectural masonry of seven new buildings has been completed and exposed electrical, fire protection and HVAC work is well underway. The project has employed an average of 200 field craft employees on-site daily.

The project team has completed an astonishing amount of work over the past year, overcoming unprecedented challenges due to industry-wide bottlenecks caused by a worldwide pandemic and its resulting supply chain issues. Lead times drastically increased without notice and material prices skyrocketed. Design issues and changes also overwhelmed our staff with adjustments to scope and delays. Despite all these challenges, in coordination with subcontractors, the team employed creative strategies to keep crews actively progressing the project by strategically sequencing work to stay in front of challenges to the schedule. The team has done everything possible to mitigate delays and cost impacts and is currently delivering a profitable project, on time.

WML Project Team

Project Executive: Juan Ahumada

Project Managers: Stephen Henning, Tyler Vanderzee and Jason Radliff

Project Engineers: Danny Flores, Alicia Silvas-Porter, Isaiah Andrade, Charles Henley, Ivette Ayon, Noe Rodriguez and Ernie Cortez

Field Engineers: Arturo Gomez, Armando Cayama, Jack Saulovich and Nav Bhopal

Project Coordinators: Carol Sanchez and Nicole Ingram Commissioning Engineers: Vijay Kumar and Sam Parkinson Superintendents: Mark Glaszczak, Kyle Garner, Armando Corona, Anthony Pilato, David Kennedy, Jaime Quintero and Mike Dragoon



EAST COUNTY ADVANCED WATER PURIFICATION PROJECT



PACKAGE #1

The East County Advanced Water Purification Project Package 1 is a progressive design-build project to construct a water treatment plant consisting of a 16 million gallon per day (MGD) Water Recycling Facility, 11.5 MGD Advanced Water Purification Facility, Visitor Center, Product Water Pump Station, and Solids Handling Facility. Once complete the plant will process wastewater from East County San Diego into drinking water, discharging via Packages 2 and 3 pipelines/pump stations to Lake Jennings. Once completed, the project will ultimately replace 30% of the drinking water supply to East County San Diego. The AECOM/WML team received the NTP on June 1, 2022 with an anticipated project completion of July 2026.

WML Project Team

Project Executive: Mike Munden

Project Managers: Jeff Tholen (Solids Handling Facility), Marcos Reyes (Water Reclamation Facility), Bryan Case (Advanced Water Facility), Tim Holley (Vistors Center)

Project Engineers: Mark Glaszczak, Gabe Ortega, Jaime Quintero, and Armando Corona

Field Engineers: Yousef Alnajjar, Tim Hobbs, Jack Saulovich Superintendents: Mark Glaszczak, Gabe Ortega, Jaime Quintero, and Armando Corona



AECOM DB Team

Design Leads: Jim Mitchell, Brian Harrington and Douglas McClellan **PACKAGE #3**

The AECOM//WML team received the NTP for this exciting and challenging project on June 1, 2022, with an anticipated completion date in July 2026. Innovative construction techniques and interaction with AWP Package 1 make this a ground-breaking project for WML. The scope of work consists of 12,000 LF of open cut 30" PVC and 14" HDPE joint trench pipeline. The open-cut pipeline connects AWP Package 1 to an existing pump station east of the project by a 3,500 LF horizontal directional drilled pipeline that is installed 60' below the ground surface. The project also includes upgrades to the existing East Mission Gorge Pump Station and Influent Pump Station, a 10,745 LF slip line pipeline that will insert a new 20" pipe through an existing 24" pipeline and will be built within active pump stations, Santee Lakes Recreational Facility and Fanita Parkway.

WML Project Team

Project Executive: Mike Munden Project Managers: Mark Moreno (Pump Station & CM) and John Mabon (Pipeline) Field Engineers: Parker Jacobs and Matt McBride Superintendent: Hector "Rod" Rodriguez

AECOM DB Team

Design Lead: Gabriel Perigault Pipeline Lead: Craig Smith





RBF PYROBIOMETHANE PROJECT BLOOMINGTON, CA

The PyroBioMethane Project is an expansion of the existing Rialto Bioenergy Facility (RBF). The term "Pyrolysis" is described as the thermal decomposition of organic matter at elevated temperatures (350-750 °C) in an inert atmosphere. The existing RBF plant currently receives 300 tons per day of WWTP biosolids which is conveyed through a dryer system that converts the biosolids into a dry granulate material that can be used as a Class A fertilizer. With the addition of the Pyrolysis system, the process is extended by sending the dried granulate Class A fertilizer to a 2-stage pyrolyzer furnace where it is converted into a carbon-rich biochar with high nutrient content suitable for direct land application for soil regeneration.

On June 16th, the project team (WML, TNG and Hill Crane) successfully rigged, hoisted and set the Thermal Oxidizer (TO) Tower onto its foundation. Although not identified as a contractual milestone, this was a significant event for the project and the project team. The rigging and setting of the TO Tower was identified as the highest risk on the project from the very beginning. The TO Tower is 72 ft tall and weighs approximately 230,000 lbs. This tower was delivered to site in 3 sections and had to be assembled onsite in the horizontal position. After assembly, the tower needed to be picked up and up-righted into the vertical position and then set onto its

foundation. WML worked with TNG and Hill Crane to coordinate this critical pick which required an engineered lift plan signed and stamped by a CA licensed professional engineer. The 300-ton crawler crane that was used for this pick had to be assembled onsite and was delivered on a total of 22 trucks. There was about



1 week of prep and mobilization of the cranes prior to the pick. The pick itself took approximately 45 minutes to complete and was very anti-climactic (in a good way). Then another week to demobilize the crane and crane mat off-site. The pick itself went almost as perfect as possible which was a testament to the entire team for all of the upfront planning and effort that was put into the task. This project was a HUGE success - congratulations to all!!!

WML Project Team

Senior Project Manager: Sean MacGregor Superintendents: Gabriel Ortega and Oscar Virrey **Owner/Engineer Team**

Owner: Rialto Bioenergy Facility LLC Design Engineer: Anaergia

RP-4 PRIMARY CLARIFIER AND PROCESS REHABILITATION PROJECT

Rancho Cucamonga, CA. The Letter of Substantial Completion for the RP-4 Primary Clarifier and Process Rehabilitation Project was received on September 8th, 2022. The original contract consisted of concrete rehabilitation/coating at the existing Influent Pump Station (IPS), Grit Chambers (GCs), and Primary Clarifiers, equipment rehabilitation at the Primary and Secondary Clarifiers, new grit equipment for Grit Chamber No. 2, rehabilitation of the Lagoon Recovery Pump Station, and a new Secondary Scum Pump Station. One of the more difficult aspects of the project was the requirement to keep the plant fully operational during the entire construction phase. In order to achieve this, the entire influent flow had to bypass structures where work was taking place. Bypasses were installed for the Lagoon Recovery Pump Station rehabilitation and for the concrete rehabilitation/coating at the IPS and GCs, requiring 24/7 monitoring. Through coordination and teamwork with IEUA, WML was able to simplify the bypass and reduce the risks involved while ensuring a successful operation. The success of the project was owed in large part to the great relationship between WML and the IEUA project management team and plant staff, who worked together towards a common goal of having a positive outcome for the IEUA and their clients. A huge thank you to all WML and IEUA staff members who contributed to the collaborative success of this project.

WML Project Team

Project Manager: Tyler Vanderzee Superintendent: Mike Dragoon

Owner/Engineer Team

Owner: Inland Empire Utilities Agency (James Spears - PM) Design Engineer: Carollo (Tim VanDamme - Inspector)

WML CENTRAL DIVISION

FRESNO RWRF WASTE GAS FLARE IMPROVEMENTS (CONTINUED FROM FRONT COVER)

Fresno, CA. The overall scope includes two large flare stacks (with accommodations for a future third stack), digester gas blowers, combustion air blowers, a CMU electrical building, and various electrical equipment that will be tied into the plant's SCADA system. Over the past year, the team has made great progress thanks to the collaborative efforts of all involved, including the City



Making great progress thanks to the collaborative efforrts of the team. City of Fresno

of Fresno and Carollo Engineers. We've successfully re-routed various utilities due to unforeseen conflicts, we've overcome several hurdles presented by a rapidly evolving and unstable stainless-steel market, and we've effectively modified the system to best serve the needs of the plant staff during operation and maintenance. We look forward to continuing this collaborative effort and successfully delivering an environmentally friendly waste gas flare system that will serve the city for decades to come.

W. M. LYLES CO

WML Project Team

Project Manager: Tyler Caglia

Estimator: Kent Amberg

Sr. Project Coordinator: Caroline Siebrecht

Intern: Brendan Sanders

Foremen: John Kenney, Bobby Dixon and Todd Woods

Owner/Engineer Team

Owner: City of Fresno (Karl Lenhof, Fil Duarte, Samuel Nadores, Cory Asher, Logan Welch, and Timothy Tompsett)

Design Engineer: Carollo (John Witter and Tom Mossinger)

RICHGROVE CSD WATER WELL & STORAGE TANK

Richgrove, CA. The project consists of the construction of a new well and well site facilities, approximately three miles of water transmission pipeline, water service connection and piping for the Rodriguez Labor Camp, a new water storage tank, booster pumps, electrical facilities, and associated site improvements. Our efficient crew was able to get off to a fast start, resulting in the completion of the three miles of pipe in a little over two months. This project is scheduled for completion at the end of next summer.





WML Project Team Project Manager: Ben Allen Intern: Erick Baeza Superintendent: Kevin Vieira Labor Foreman: Julio Rodriguez Owner/Engineer Team Owner: Richgrove CSD Design Engineer: Provost & Pritchard





TESORO VIEJO COMMON DIVERSION FACILITY AND WTP/WWTP/RWSP PHASE B EXPANSION

MADERA, CA

Construction of Tesoro Viejo's new consolidated raw water intake is nearly complete. Throughout this past summer, both the removal of the existing intakes and restoration of the existing cove were completed. The project faced several challenges ranging from coordination with multiple permitting agencies to working within the limits of the San Joaquin River. WML crews displayed attention to detail and creativity throughout this unique project. The success of this project can be attributed to their talent and perseverance. Work on the Phase B expansion of the Water and Wastewater Treatment Plants has commenced. This expansion will double the treatment capacity of both plants. The project is in the early stages and will be completed by next winter.

WML Project Team

Project Executive: Ruben Moreno, Jr. Project Manager: Ben Allen Foreman: Quick Nava Laborer: Nick Eastham

Owner/Engineer Team

Owner: Tesoro Viejo Development, Inc. Design Engineer: Kennedy Jenks Consultants, Inc.

HOUGHTON WEIR RECONSTRUCTION PROJECT BAKERSFIELD, CA



This project consists of the demolition of two existing weirs, removal of approximately 1,600 CY of existing mixed rip-rap, construction of a new weir structure including underdrain and sediment bypass piping, installation of slide gates and handrail, earthwork including the fill and grading of the existing basin slopes, sorting and breaking of the existing rip-rap to achieve the required 12" minus size and replacement of rip-rap at the weir structure. This project started in August of 2021 and had to be completed by January 2022 to

allow for water to run through the channel. Unfortunately, due to the lingering drought conditions, water has yet to make it to the weir.

WML Project Team

Project Manager: Allen Hickernell Superintendent: Glenn Jackson Foremen: Joel Garcia and Hector Ramirez Carpeters: Patrick Manuel and Manual Acosta Carpenter Apprentice: Bryan Garcia Laborer: Corbin Maricich, Quik Nava Operator: Jeff Ellington, Nick Eastham

Owner/Engineer Team

Owner: Rosedale-Rio Bravo Water Storage District (Markus Nygren) Design Engineer: Meyer Civil Engineering (Richard Meyer)





ROOT CREEK WATER DISTRICT AGRICULTURAL WELL 276 & WASTEWATER TREATMENT PLANT EXPANSION MADERA, CA

The purpose of this two-part project is the expansion of the existing Root Creek WWTP as well as the conversion of the existing agricultural Well 276 into a municipal well. The scope of work for the expansion includes a 100 ft x 100 ft concrete equipment pad with trench drains and pipe risers, installation of owner supplied pump station, installation of 200 ft x 100 ft lined storm basin, site grading and paving, site fencing, and the installation of 5,500 LF of underground pipe. The well project includes demolition, clearing and grubbing, site grading, site piping, wellhead construction, well equipping, and relocating facilities and electrical equipment from Well 4. This project was challenged by supply chain disruptions and material delays, but our crews persevered with creative sequencing to keep the project on schedule.



Owner/Engineer Team Owner: Root Creek Water District Design Engineer: Provost & Pritchard

WML Project Team

Project Manager: Ben Allen Intern: Alex Cortez Cardenas Carpenter Foremen: Todd Woods and Bobby Dixon Operator Foreman: Nick Eastham

LEONARD SYSTEM EXTENSION PROJECT BUTTONWILLOW, CA

This project consists of approximately 35,000 LF of 27" PVC PIP pipeline that will deliver water to areas of the district primarily served by groundwater wells. WML is approximately 25% complete with the installation of the mainline while the first 4,500 LF of pipeline were installed in areas affected by groundwater infiltration from an unlined canal. Material procurement is still very challenging due to global supply constraints. The project is anticipated to be completed in 2023.

WML Project Team

Project Executive: Jeff Mathiowetz Project Manager: Allen Hickernell Foreman: Tim Miller Leadman: Harlan Albitre Laborers: Kelly Freeman and Alexis Echeverria Operators: Jeff Ellington, Joshua Gafford, Robert Baker and Kyle Joyner Laborer Apprentice: Anthony Rodriguez



Owner/Engineer Team

Owner: Semitropic Water Storage District (Isela Medina and Mike Luna) Design Engineer: GEI (Tod Woodson and Luis Flores)

WML NORTHERN DIVISION

ENHANCED TREATMENT AND SITE UPGRADE PROGRAM - PHASE 1A AERATION BASIN MODIFICATIONS (CONTINUED FROM FRONT COVER)

Union City, CA. The project consists of a complete overhaul of existing Aeration Basins 1 thru 7 to include selective demolition for new concrete wall configurations and cast-in-place suspended decks, coatings, piping, equipment, and controls. Other scope items include a New Electrical Switchgear Building, East and West Odor Control Structure replacement, a new blower and piping upgrades in the East and West Blower Buildings and pump rehabilitation as well as replacement in Lift Stations 1 and 2. Ancillary work includes earthwork, process piping, ductbanks, and site improvements.

The ETSU Program was developed to meet the wastewater treatment and disposal needs of the Union Sanitary District (USD) over the next 20 to 40 years. Key drivers for this project: Secondary Treatment process performance requiring immediate upgrades and a plan for increasing solids treatment capacity and meeting anticipated nutrient regulations; The need for effluent management options with the anticipated shutdown of the Hayward Marsh; building/facilities in need of seismic upgrade and repair; and limited land available onsite for addressing these priorities.

WML Project Team

Sr. Project Manager: Reece Berger Project Managers: Adam Hickman and Enrique Alonzo Project Engineer: Ryan Troudy Field Engineer: Sam Worrell Superintendent: Larry Larsen Owner/Engineer Team Design Engineer: Hazen and Sawyer Construction Manager: Psomas



W. M. LYLES CO

The ETSU Program was developed to meet the needs of USD over the next 20-40 years. Union Sanitary District



REGIONAL WASTEWATER CONTROL FACILITY (RWCF) STOCKTON, CA

In September of 2019, WML work began on the Stockton RWCF Modifications Project. This \$215M Progressive Design-Build project is a joint-venture with our design partner, AECOM. The major components include construction of new influent pumping, screening, and grit removal systems, new secondary biological treatment systems, new tertiary filtration and disinfection systems, new solids handling facilities to replace an existing oxidation pond and overland flow treatment system, and new laboratory, Administration, Operations and Maintenance Buildings. Major process equipment will include large vertical turbine solids handling pumps, perforated fine screens, conical tray grit removal systems, primary and secondary clarifier mechanisms, aeration blowers and diffusers, submersible mixers, tertiary disc filters, UV disinfection system, sludge centrifuge, associated electrical, control, and SCADA upgrades. The project is about 75% complete, and we've placed over 35,000 CY of concrete, installed about three miles of pipe, and performed 180,000 CY of earthwork. Currently, the project has achieved a significant milestone with the Start-up and commissioning of the Secondary Treatment processes, including the New Aeration Basins, four (4 each) 165' Diameter Secondary Clarifiers, and a RAS Pump Station. Structural work for the new Influent Pump Station and Grit Facility is approximately 90% complete, and Construction of the new Final Effluent Pump Station is underway. The new personnel buildings are nearing completion, and we are targeting the end of the year for occupancy by City staff. This project has been a massive undertaking by all parties involved and an example of what is achievable when everyone has a commitment and dedication to teamwork and a common goal.



WML Project Team

Construction Manager: Dave Calandro Project Manager: Michael Hoban Sr. Project Engineer: Edgar Aguayo Project Engineers: Aaron Vogel and Luis Perez Field Engineers: Tai Britton and Peter Truong Safety: Chris Stallman Project Controls: Rebecca Schmidt

AECOM DB Team

JV Project Manager: Charlie Randolph Design Manager: Gabriel Perigault Design Lead: Chris Schmidt Resident Engineer: John Plummer QC Manager: Mike Moroni

HIGHLANDS ARD (4/5) SEWER RELIEF PROJECT

North Highlands, CA. The Highlands Sewer Relief Project is a multi-phase project upgrading sewer facilities in the North Highlands area. W. M. Lyles Co. (WML) has the contract for Phase II of the project which includes construction of a new pump station, decommissioning of two existing pump stations, and site improvements.

After an initial delay to the start of the project, work began on the new S016 pump station in August 2022. This is a challenging project with deep excavations for two new manholes, clay pipe, and a 12-foot diameter by 38-foot deep wet well on a very small site sandwiched between two houses on a residential street. WML will also construct an Electrical building, a cast-in-place valve vault, and install pipe and valves that will connect to the new force main installed during Phase I of the project. Once the new pump station is commissioned both the S016 and S015 pump station, which are located a few miles down the road, can be decommissioned.

Our crew, led by Brodey Thorn and Reid Snyder, have met this challenging project head-on and have completed the installation of both manholes and are currently setting up to install a bypass to facilitate connection of the new 30" gravity pipe to the existing sewer system. We will then move on to the large excavation for the wet well. This project has a completion date of October 2023.





SVCSD TREATMENT PLANT HEADWORKS REHABILITATION SONOMA, CA



The Sonoma Headworks Rehabilitation Project started in January 2022 with the goal of refurbishing and improving the aging headworks of the Sonoma Wastewater Treatment Plant. The work includes the demolition and reconstruction of portions of the existing headworks that must be completed without taking the headworks out of active service.

The retrofit of the headworks structure consisted of building a new depressed equipment slab and replacing an existing structural steel walkway with a suspended concrete deck. The original plans for the project included the temporary relocation of one bar screen to open the space needed to install new equipment but, value engineering modifications to the construction sequence and structural design of the headworks have created an opportunity to install portions of the new equipment while the old equipment remains in service. Although the new equipment package will not be installed completely, it will be capable of running the headworks screening process.

At that point, the old equipment will be demolished and replaced without interrupting plant operations. In order to keep the headworks running smoothly, job site access and the project schedule need to be strictly maintained to provide a safe working area for both construction crews and plant maintenance personnel. The project has seen significant progress this year with the completion of all structural retrofit work and the beginning of new equipment installation.

The Treatment Plant Headworks Rehabilitation is scheduled to be substantially complete by the end of the year with final completion and closeout in early 2023.

WML Project Team

Project Manager: Mark Schmitz

Project Engineer: Steven Skaggs Foreman: Christopher Varner and Brody Thorn Laborers: Byron Sellers and Enrique Hernandez

<u>Owner/Engineer</u> Team

Owner: Sonoma Valley County Sanitation District (Mike West, Jim Flugum and James Smith) Design Engineer: HDR (Arashdeep Singh)





Scope of work for this project includes deep excavations for two new manholes, clay pipe, and a 12-foot deep wet well.

WML Project Team

Project Engineer: Chris Toler Foreman: Brodey Thorn Operator: Reid Snyder Laborers: Dillon Pearce and Alex Colon-Aguilar

Owner/Engineer Team

Owner: Sacramento Area Sewer District (Catherine Armstrong - PM, Ray Bell - PE) Design Engineer: West Yost (Tyler Newman - Design Engineer) Construction Manager: CMID (Elias Travis)





DISTRIBUTION MAIN REPLACEMENT (RIDGECREST BUNDLE)

Ridgecrest, CA. In 2022, Pacific Gas & Electric Co. (PG&E) awarded Lyles Utility Construction, LLC (LUC) the Kern Division Distribution Main and Service Replacement Contract in the City of Ridgecrest, CA. The purpose of this main replacement is to remove the existing Aldyl-A polyethylene pipe and replace with new High-Density Polyethylene (HDPE) as the Aldyl-A pipe has been found to become brittle over time creating a potential hazard. This Project consisted of the installation of approximately 8,286 LF of 2" HDPE pipe and 6,471 feet of 4" HDPE pipe, as well as 303 house service replacements. For the mainline piping, LUC used both open trench and horizontal directional drilling (HDD) installation methods. Other scope items included several mainline tie-ins, as well as multiple kill and deactivates (K&D's) of the existing distribution main.

Over 50 house lines associated with the services were also required to be retrofitted due to new building code requirements that impact residential gas meter locations. Several house lines required relocation of interior plumbing to support the revised meter locations. Fortunately, LUC was able to enlist the assistance of our affiliate company New England Sheet Metal and Mechanical to provide plumbing support.

In October, PG&E requested a proposal to repair and replace the damaged hardscape on this project and awarded LUC the Hardscape Restoration Contract in November with work to start in 2023. The scope of the restoration involves 30,250 SF of asphalt trench replacement, 1,280 SF of concrete curb and sidewalk, and concrete valley gutters repairs. In addition to the work activities to install the new main and service, Lyles Utility also self-performed over 1,000 man-hours of traffic control to keep PG&E's customers and our crews safe from traffic



hazards during construction. This project is anticipated to be completed in June of 2023.

LUC Project Team

Project Manager: Brock Anama Superintendent: Dwayne Sanders Foremen: Todd Woods and Bobby Dixon Other Key Personnel: Marvin Gentry, Robert Crane, James Verduzco, Jorge Garcia, Donald McCormack, Lorenzo Moran, Ken Hoobery, Alex Cruz, Efrain Luna, Clint Foor, and Anthony Carneval



LERDO HWY 10" PRESSURE BETTERMENT

Shafter, CA. On September 28, 2022, the Southern California Gas Company awarded the Lerdo Hwy 10" Steel Pressure Betterment project to LUC. This project was designed to upgrade the Gas Company's distribution system to better serve their customers needs in the area by providing a larger volume of available natural gas. The project consisted of the installation of 11,061 LF of 10" steel mainline with two pressure-controlled tie-ins and eight service tie-overs. LUC began working on this pipeline on October 17, 2022.

The project is unique in the fact that the right of way for the pipeline is in the center median of a heavily traveled four-lane road surrounded by existing guard rails, not leaving much usable workspace for welding and installing the new pipeline. The Traffic Control Plan submitted to the City of Shafter required us to install approximately 5,500 LF of concrete K-rail along a portion of the right of way in order to protect our employees while allowing traffic to be condensed into one lane. This limited egress impeded our access to the work zone, requiring our project team to carefully plan each work activity in the area without impacting subsequent activities. The pipeline was installed via the horizontal directional drilling methodology with strings of welded pipe exceeding 600 lineal feet. Other project scope of work is currently in progress, with completion expected in March of 2023.

LUC Project Team

Project Manager: Steve Hoover Superintendent: Greg Puskarich Other Key Personnel: Ryan Leland, Clint Foor, Alex Cruz, Chris Cordova, Jorge Garcia, Ron Ballew, Robert Crane, Eduardo Navarrete, and Anthony Macias





NEW ENGLAND SHEET METAL & MECHANICAL CO. SERVICE DEPARTMENT

Fresno, CA. The New England Sheet Metal and Mechanical Co. (NESM) service department has had an incredible year and continues to serve a growing number of customers with an expanded menu of services. In addition to our typical preventative maintenance, demand service, and equipment replacement work, the service department recently added Plumbing Service to our resume. Upon identifying a need for a client-focused best value provider in the trade, we successfully onboarded multiple personnel to respond to the plumbing service needs of our existing and new customers. With a well-trained staff and the addition of various pieces of specialty equipment, we have what it takes to tap into this growing market.

NESM Service Team

Mike Hensley (SVP), Jamie Szutowicz, Heidi Short, Holly Rendon, Kaily Slattery, Alex Crampton, John Niewind, Abel Lara, Brad Fretz, Donovan Mayhue and Charles Franks.

NEW ENGLAND FABRICATION SHOPS AND LOGISTICS TEAM INFLUENCING EVERY PROJECT

The Metal Fabrication Shop, Pipe Fabrication Shop, and Logistic Management teams all play a unique role at NESM as they are involved with and heavily influence the success of every project that we deliver. With increasing regularity and efficiency, we are prefabricating and preassembling more elements of our projects. This contributes to a safer, higher quality and more productive installation in the field. Nathan Harris on the sheet metal side and Chris Virrey on the piping and plumbing side each do a fantastic job leading the manufacturing operations in support of our construction, service, and industrial operations. An important contributor that empowers us to leverage all of the benefits of prefabrication is our VDC lead, Christa Stone, EIT.She has developed extensive experience in working with our team to develop models that can be efficiently constructed.

The receiving, organization, preparation, and just-in-time shipping of material, equipment, and delivery of tools to job sites play a critical role in our success. Our Logistics Management Team led by Alan Galindo orchestrates the constant flow of material, equipment, tooling, and vehicles both to and from vendors, service locations, and job sites.

NESM Project Team

Metal Shop: Nathan Harris, Ross Jenson, Ed Kerbo, Roland Kolb, Frank Persicone, Cody MacDougal, and Jared Williams

VDC Lead: Christa Stone, EIT

FRESNO, CA



Pipe Shop: Chris Virrey, Joe Perez, Chris Lopez, Henry Torres and Marc Salazar

Logistics Management Team: Alan Galindo, Phyroum Sok and Abel Camacho

Administration: Nicole Ludtke, Trish Persicone and Dorothy Rodriguez Project Management & Coordination: Jeff Wong (PE), Joe Gonzalez, Kris Bolts (EIT), DeDe Stair, Jesus Alcazar and Elizabeth Meza Estimating: Ian Cline, Mike Ewy, Randy Nichols and Jim Grant





Co. NESM continues to be the mechanical design/builder of choice for every healthcare provider in California's Central Valley. Community Medical Centers, Madera Community Hospital, Valley Children's Hospital, Saint Agnes Medical Center, Kaiser Permanente, and many others have all turned to NESM for our demonstrated experience in planning, design, preconstruction, fabrication, construction services, and maintenance of healthcare facilities.

Our responsive on-call capabilities and depth of our expertise are unmatched in the regions we serve. These capabilities have been on full display with our COVID-19 emergency responses throughout 2020 and 2021 and are continually proven with our crisis response team currently answering the call for our clients. One example of these capabilities is our deployment of a temporary chiller at the Kaiser Hospital campus in Fresno, California during the summer of 2022. In an extremely accelerated manner, we completed design, fabrication, and installation of a complete system in order to keep the facility serving patients without interruption.



NEW ENGLAND

<u>NESM Project Team</u> Team Lead: Joshua Wilkinson Design Team: Dennis Enns (PE), Ray Kutka (PE), Fredy Tshibanda,

SUPPORTING PACIFIC GAS AND ELECTRIC (PG&E) HYDROELECTRIC POWER FACILITIES

Every few years, a project comes along that is unlike anything we've seen before. This last year, NESM was selected by PG&E to design and construct a particularly unique, one-of-a-kind, ventilation system for their 75-year-old Haas Hydroelectric Power Plant. This power generating station is situated between Wishon and Black Rock Reservoirs and contains two 72-megawatt turbine generators carved into the granite mountain. After NESM Chief Engineer, Dennis Enns, PE, developed and presented multiple design options, NESM was contracted to replace two supply fans, seven control dampers, eight registers, two hydronic cooling coils, ductwork, and hydronic piping. In addition, NESM designed and installed a standalone controls system with custom programming. There were many challenges that required Field Engineer, Andrew Ferdinandsen, EIT, to keep a close eye on the project. At an elevation of 5,000 feet, 2 hours from civilization, and 500 feet underground, every week had to be meticulously planned and coordinated with PG&E to ensure the turbine generators that serve Fresno County were up and running as quickly as possible. Despite snow, power outages, and elevator failures, NESM was awarded a perfect 100 out of 100 safety score by PG&E's project team, and was praised for their solutionsoriented and owner-first mentality. The fabrication shops also played a crucial role in this project. Over the last several decades, NESM LAKESHORE, CA

has partnered with PG&E to design, repair, maintain, and install many of their HVAC systems around the valley and in the Sierras.

(PE), Daniel Kalmink (PE), Andrew Ferdinandsen (EIT), and Kurt Wong



NESM Project Team

Chief Engineer: Dennis Enns (PE)

Key Personnel: Tony Hurtado, Andrew Ferrales, Gabe Gonzalez, Phil Larson, Danny Robinson, Bill Sharp, Paul Carrasco, and Andrew Ferdinandsen (EIT)



THE CALIFORNIA 9/11 MEMORIAL CLOVIS, CA

The California 9/11 Memorial is the largest outside of New York City. It is a permanent monument to honor and remember the 2,977 people killed in the terrorist attack on September 11, 2001. It includes replicas of the fallen twin towers adorned with stainless steel sheet metal and a tribute to United Flight 93 that incorporates aluminum architectural sheet metal "wings." Understanding the significance and magnitude of this project and what it means to so many, our sheet metal workers delivered an absolute masterpiece. The craftsmanship incorporated into the sheet metal components of these memorials is outstanding and demonstrates the superior talents of our sheet metal craft persons both in our fabrication shop, and in the field.

To meet the tight schedule for the 20th Anniversary event in 2021, the aluminum material that replicated the Flight 93 aircraft wings required closecoordination with the supporting structural members, the electrical features, and the artist that was creating the wind chime elements. Far from a "standard" project, we are proud to have contributed all of our services to such a worthy cause to Honor, Educate and Remember the events of September 11, 2001.

NESM Project Team

Key Personnel: Nathan Harris, Ross Jenson and Jared Williams

NEW ENGLAND SHEET MEYAL AND MECHANICAL CO



STATE CENTER COMMUNITY COLLEGE DISTRICT TWO CHILD DEVELOPMENT CENTERS, FRESNO CITY COLLEGE AND REEDLEY COMMUNITY COLLEGE

Fresno, CA. NESM was selected to perform the plumbing scope for the Child Development Centers on both the Fresno City (FCC) and Reedley Community College (RCC) campuses. We have collaborated with Harris Construction Company Inc. at FCC and Seals Construction Inc. at RCC. To date, we have successfully completed all of the underground work at both sites and are continuing with the rough-in and ultimately the setting of finished fixtures. Both projects are



Both projects are benefiting from advanced modeling, prefabrication, and preassembly techniques.

benefitting from our advanced modeling, prefabrication and preassembly techniques.

NESM Project Team

Key Personnel: Brandon Mead, Chuck Cox, Jerry Hyde, Scott Starnes, Ben Snyder (FCC) and Fernando Ibarra (RCC)



The team has completed all underground work and is continuing with the setting of finished fixtures.



AMERICAN PAVING CO

The existing bridge remained in place while the new bridge and retaining walls were to be constructed to the south.

DARRAH ROAD BRIDGE OVER W. FORK CHOWCHILLA RIVER MARIPOSA COUNTY, CA

The Darrah Road Bridge Project bid on June 09, 2020 and again on August 25, 2020. Fortunately for American Paving Co. (APC), we were the low bidder on both occasions, with the second bid coming in at \$5,162,388. The second time around the County of Mariposa decided to award the project but had to wait for Caltrans approval of additional funding. The time between bids and the need for approval of additional funding delayed the project award until December 2020.

Seasonal water running in the river would delay the start until the summer of 2021. At the request of the County, our team mobilized early to complete the clearing and grubbing work and install deterrent measures to discourage swallow nesting. The work began when the river dried up in July. The project involves the replacement of the existing Darrah Road Bridge which was approximately 22 inch wide, calling for a new single-span bridge with retaining walls, which would be built in phases.

Under the first phase, traffic would be reduced to a single lane and controlled by a portable traffic signal system. Shoring was to be installed at roughly the centerline of the new bridge. The existing bridge would remain in place with the exception of the partial removal of a wingwall while half the new bridge and retaining walls 1 and 2 would be constructed to the south. Upon completion of the south half of the bridge, the eastbound traffic lane would be constructed with traffic redirected to the new improvements. Following the traffic switch, Phase 2 bridge construction commenced, including retaining walls 3 and 4. After completion of the Phase 2 structure and a waiting period, a closure pour was constructed between the two newly constructed bridge decks. Road approaches and rip rap improvements were also completed in the river bottom while the river remained dry.

There have been numerous challenges to this project including spring fed ground water, power lines running above a portion of

the new bridge, rock excavation, surface water running in the river and the resulting environmental restraints, as well as a constrained project work area. Additionally, because the bridge design included spread footings for both the bridge and retaining walls, we installed 30 feet high shoring at the abutments tapering down to 5 feet or 8 feet 32 feet away. Also, 20 feet or 40 feet H-piles were installed from anywhere between 5 feet to 15 feet below the bottom of the proposed excavation. Walers were attached to the H-piles and tiebacks were installed through the east side roadway embankment. During the excavation process, 4x timber lagging was installed

APC Project Team

Project Manager: Jimmy Brager

between the H-piles to support the earth.

Project Estimators: Ross Jenkins and Stephen Poindexter Foremen: Val Huerta (General) and Scott McKinley (Structural) Other Key Personnel: Brandon Best, Josh Mills, William Jones, Jeremy Adams, Ronald Ocon, Phillip McDaniel, Juan Duran, Ryan Carey, Jonathan Coilton and Jonathan Killion





DOWNTOWN BEAUTIFICATION PROJECT PARLIER, CA



The City of Parlier Downtown Beautification project for the City of Parlier is what we like to call a "Quick Hitter". The project bid on March 24, 2022 and the Parlier City Council awarded the project one week later on March 31, 2022. The contract was executed on April 15, 2022 and APC went to work on April 21, 2022. The period from bid to project start was less than a month.

The project consisted of upgrading a three-block stretch of downtown Parlier. Curb Ramps and crosswalks were added at three intersections and mid-block planters and a mid-block crosswalk were also added along with fifteen planter "bulb-outs". The storefront sidewalk was to be demolished and replaced with a combination of concrete sidewalk and decorative red brick walkways, all while maintaining access to the businesses. New landscape and irrigation was added at all of the new bulb-outs. Decorative light posts were also installed, as well as site amenities that included decorative benches, trash receptacles, raised planters, decorative tree grates and trench drain grates.

APC personnel worked closely with the Owner and Design Engineer A&M Consulting Engineers throughout the project. Early on, it was determined that the City's water system had several leaking valves within the work zone. On short notice, W. M. Lyles Co. assisted with the removal and replacement of the leaking valves. The City had planned for a separate project to resurface the roadway within the project limits; however, a change order was successfully negotiated for APC to grind the existing pavement and place a 2" asphalt



overlay within the project limits. The end result not only improved the city aesthetically but also created a safer walkway for residents to enjoy for years to come.

APC Project Team

Project Manager: Jimmy Brager

Project Estimators: Ross Jenkins and Chris Williams

Foremen: Jose Flores (Project), Felix Hernandez (Concrete) and Scott McKinley (Structural)

Project Assistant: Des Hutcheson

Other Key Personnel: Jose Mata, Alex Flores and Jose Ramirez

WWTP EXPANSION PROJECT

Fresno, CA. APC was excited to be part of the WML team on the Wastewater Treatment Plant Expansion Project for the Root Creek Water District. APC subcontracted the civil scope of work for the site grading, site access road including aggregate base and asphalt concrete, site aggregate base surfacing and site concrete. The site grading included 15,752 CY of cut to fill and 11,456 CY of imported borrow. The site concrete included 4,952 If of curbing. A total of 7,675 tons of aggregate base and 815 tons of asphalt concrete were placed and finished.

APC Project Team

Project Manager: Jimmy Brager

Project Estimator: Ross Jenkins

Foremen: Brandon Best (Project) and Felix Hernandez (Concrete)

Other Key Personnel: Val Huerta, Josh Mills, Jose Flores, Santos Arana, Jose Mata and Jose Castro





ATHLETIC FIELD IMPROVEMENTS FOR ALPAUGH HIGH SCHOOL AND NEW METAL SHADE STRUCTURE AT ALPAUGH ELEMENTARY SCHOOL



Alpaugh, CA. This project can be named "Quick Hitter 2". The Athletic Field Improvement and Metal Shade Structure for Alpaugh Unified School District bid on May 5, 2022 and despite being over budget was awarded on May 16, 2022. The contract, valued at \$3,174,000 was executed on May 24th and work started on June 6, 2022. Another project that took about a month to go from bid to starting work.

The Athletic Field Improvement Project included the construction of one softball field with backstops and lighting, one baseball field with backstops, and lighting and a track and football field with new sports lighting. The softball and baseball fields included clay infields and Bermuda turf outfields. The track consisted of decomposed granite surfacing and the football field had new Bermuda turf. Site furniture including team benches, bases, and football goalposts were also part of the scope. The New Metal Shade Structure project included the construction of concrete footings and a 48'-6" x 64' concrete slab. The scope also included the installation of an owner-supplied steel shade structure.

The number one challenge on this project was time. With an owner requested 60 calendar day schedule, we knew building a project of this size would be a challenge, specifically due to the procurement period of several items. The booster pump and sport lighting poles alone typically require long lead times and it wasn't long before our concerns came to light. With an August 5th completion date looming, we received information that the sports lighting poles were projected to be in no earlier than mid-September and the booster pump in mid-October. Our team met with the Architect and School District personnel to break the news and then came up with an alternative plan. The goal would be to plant rye grass in the fall of 2022 so that the fields could be used in the winter and early spring while new Bermuda grass would be planted in the spring.

APC Project Team

Project Manager: Jimmy Brager Project Estimator: Ross Jenkins Foremen: Val Huerta (Project) and Felix Hernandez (Concrete) Project Assistant: Des Hutcheson

Other Key Personnel: Josh Mills, Bart Gibson, Jose Castro, Christian Hernandez, Ricardo Hernandez, Noe Soto, Febronio Soto, Vicente Gonzales, Marcos Anguiano and Ramiro Sanchez

CLOVIS COMMUNITY MEDICAL CENTER, PHASE C - EXISTING MAIN ENTRANCE RENOVATION

Clovis, CA. In June of 2020, APC provided a complete civil site package bid to Clark Construction Group for the Clovis Community Hospital Main Entrance Renovation Project. The scope of the bid included demolition, earthwork, site concrete, seat walls and stone wall, vehicular pavers, asphalt paving, and site furnishings. Ultimately, APC was awarded a smaller package including the demolition, asphalt paving, and site furnishings.

The project was extremely difficult, as access to the front of the hospital had to be maintained and the overall footprint was less than 1.5 acres. The scope of work was broken into approximately eight phases and at times there were as many as eight sub trades all working within the project site at the same time. The addition of project fencing/gates to maintain access to the hospital entrance further complicated the work.

Field personnel, led by Jose Flores, worked so well with the Clark Construction Group that a substantial amount of T&M work was performed and our contract value almost doubled from start to finish.

APC Project Team

Project Manager: Jimmy Brager Project Estimator: Ross Jenkins Foremen: Jose Flores, Brandon Best and Josh Mills





LYLES DIVERSIFIED, INC.

WILL LYLES RECOGNIZED BY FAMILY BUSINESS MAGAZINE AS "ONE TO WATCH" IN 2022



When times are tough, many of us turn to our families for security and strength to weather unexpected challenges. Over the past two years, with Will Lyles IV at the helm, Lyles Diversified Inc. (LDI) and its family of companies have banded together to create

stability and growth for all employees and shareholders during uncertain times.

Despite material and labor shortages, inflation, and a global pandemic, Will leaned on a lifetime of industry knowledge and a diversified portfolio of investments to take measured risks that ultimately strengthened the company in the form of long-term growth. For this reason, Will Lyles was recognized by Family Business Magazine's November/December 2022 issue as one of 23 "Family Business CEOs to Watch in 2022". The article gives readers a glimpse into the Lyles family's evolution of the business from a pipeline construction company to the multifaceted corporation known as LDI. as well as Will's personal growth over the past 15 years from Vice President to CEO. The magazine highlights Will's dedication to maintaining an ethical business that fosters growth and cultivates talent while encouraging solid partnerships with firms that share our values.

To read this article in its entirety, scan the QR Code.



CHOOSING SAFETY AT NEW ENGLAND SHEET METAL AND MECHANICAL CO.





(NESM) office, job site, service location, vehicle, yard, and fabrication shop. Their industry-recognized safety program emphasizes effective onboarding, training (initial and refresher), and empowering & equipping each employee with the knowledge and support to recognize hazards and to actively choose the safe method to execute every task every time.

A safe working environment is a productive working environment. With a proven commitment to safety excellence, NESM offers added value to its clients. By mitigating risk and creating repeatable safety protocols, they minimize missed working days and other incident-related delays to deliver projects on time and to the highest degree of quality possible. NESM's safety record, as measured by Total Recordable Incidents (TRIR), continues to trend in a positive direction over multiple years (see chart).

To support continuous improvement in our safety program, we invite independent third parties, including ISNetworld, Avetta, and the Cal/OSHA Consultation Service, to evaluate, scrutinize and provide input. As a testament to their commitment to safety, NESM has been awarded multiple Golden Gate Partnership Recognitions over the years. Most recently, Golden Gate awarded NESM with the 2021 safety award wherein Cal/OSHA Consultation Service stated, "... your managers and employees demonstrated a commitment to continuously improve the effectiveness of its workplace safety and health management system. The Cal/OSHA Consultation Service is commending this commitment to workplace safety and health."



BUSINESS DEVELOPMENT

BRAVE NEW WORLD: INNOVATIVE, SUSTAINABLE SOLUTIONS TO MODERN PROBLEMS

Bringing Water to the Draught-Stricken West

As California watched 2022 come to a close, another year of drought resulted in further recession of our lakes and rivers. The need for alternative water sources has never been more essential to our way of life. Given that most of the state is made up of desert, even in years where rainfall is heavier, most California cities rely on imported water to keep our homes and businesses running.

As local water sources dry up, increasing demand for imported water is not only driving up costs but taxing the delicate ecosystems of the lakes and rivers that are supplying us with water. Further harming our environment, the transfer and pumping required to deliver the water calls for the use of fossil fuels, which are also expensive and in short supply.



Our industry's answer to this challenge is Advanced Water Purification, also known as Advanced Wastewater Treatment. Using four advanced water purification steps, this process turns wastewater into clean recycled water, with the end product being potable water so clean that it is near-distilled in quality.

With one of California's largest advanced wastewater treatment plants being built by W. M. Lyles Co., we continue to support leading the way for more projects of its kind. The East County Advanced Water Purification Facility will bring much-needed water to East County San Diego, cutting their reliance on imported water and satisfying 30% of East County's drinking water demand, while eliminating 15 million gallons/day of wastewater discharge into the Pacific Ocean.

Alternative Energy Solution

On November 16th, 2022, Governor Gavin Newsom released a bold plan that would make California a carbon-neutral state by 2045. This plan includes a goal of cutting air pollution by 71% and greenhouse gasses by 85% within the next 22 years. California's place as a global leader in environmental stewardship began well before this commitment and WML has enjoyed many of the resulting business opportunities that have come from our home state's encouragement of sustainable energy sources. Our business development team has established important waste-to-energy partnerships and continues to find ways to stay ahead of upcoming technologies to get in on the ground floor and help shape the evolving waste-to-energy market in a way that not only benefits Lyles Construction Group, but society as a whole.

As energy stores are being depleted and prices for fueling our modern lifestyle are on the rise, at no time in history has finding sustainable, viable, and reliable energy ever been more vital to our way of life. Thanks to the outside-the-box thinking of a few engineers and scientists, mankind now has a two-fold solution in waste-to-energy. A waste-to-energy plant is generally a waste management plant or an addition to a wastewater facility that combusts or digests waste to produce electrical power. This is sometimes called energy recovery or resource recovery.

Although these plants are lauded for what they produce, what makes them special is what they remove from the waste stream. With the ability to create natural gas, which can be used as fuel or to produce electricity, they reduce our reliance on fossil fuels to power the facilities they are part of to put back onto the local energy grid. In addition to reducing our need for fossil fuels, the fact that these useful byproducts come from waste in turn reduces strain on our growing landfills or wastewater treatment infrastructure.

With Stan Simmons championing our efforts to be at the forefront of this promising market, Lyles has completed 9 waste-to-energy plants since 2015, including the Anaergia Rialto Bioenergy Facility (RBF). This \$98M design-build project is the largest of its kind in North America. RBF is designed to divert up to 300,000 tons per year of organic waste derived from local households and biosolids from municipal wastewater treatment plants, resulting in the production of up to 985,000 MMBTU of renewable natural gas each year.

What's Next?

Our business development teams continue to capitalize on prior success in both Advanced Water Treatment and Waste-to-Energy markets to build relationships with existing and future clients and design partners to secure our future and uphold our reputation as a sustainable solution leader. In addition to our involvement with Anaergia, our leadership team is exploring other high value biocarbon bioenergy technologies that will come to fruition in the near future. As a company, we are proud to be at the cutting edge of sustainable energy technology and will continue to contribute to creating a carbon neutral future for California.





yles Group is proud to offer an exceptional internship program within the construction and engineering industries. Each year, we attract qualified students from top colleges across California and Indiana looking to earn a career in Construction Management, Civil Engineering or Mechanical Engineering.

Our unique program provides real world experience based on current education and skill level. Each intern will have an opportunity to experience our family oriented culture along with the necessary support to guarantee their success from top skilled mentors, excellent managers and knowledgeable coworkers. During their internship, they will have the opportunity to meet and have open dialogue with the Lyles Group executive leadership team.

By the end of summer, our program goal is to have provided our interns with a realistic preview of jobsite operations and hands on experience in the field by teaching them new skills, building their professional contacts and preparing them for future employment opportunities.



Erick Baeza - California State University, Fresno

Erick Baeza (Fresno, CA) is a Senior at California State University, Fresno, majoring in Construction Management. Erick worked as an intern with W. M. Lyles Co. under the supervision of Jack Saulovich. Erick enjoys staying up to date in the world of sports. He's a huge football fan and fantasy football enthusiast. He's also an avid shoe collector, that believes the rarer the shoe the better.

2022 INTERNSHIP program





Jared Badertscher - California State University, Fresno

Jared Badertscher (Fresno, California) attends California State University, Fresno, majoring in Construction Management. Jared worked as an intern with New England Sheet Metal, under the supervision of Brandon Mead. Outside of work and school, Jared enjoys going camping and fishing.

Jesus Alcazar - California State University, Fresno

Jesus Alcazar (Fresno, CA) attends California State University, Fresno, majoring in Construction Management. Jesus worked as an intern with New England Sheet Metal, under the supervision of Brandon Mead. Outside of work and school, Jesus enjoys spending time with family, friends, and living a healthy lifestyle. This includes spending time with his wife, trying to eat as healthy as they can and exercising at the gym.





Halle Chang - California State University of Monterey Bay

Halle Chang (Fresno, California) attends California State University of Monterey Bay, majoring in Business Administration with Marketing Concentration. Halle worked as an intern with Lyles Services Co., under the supervision of Paisley Davis. Halle enjoys weightlifting, cooking, baking, and traveling. She also enjoys swimming, photography, and spending time with family and friends.



Grant Schuler - Grand Canyon University

Grant Schuler (Fresno, California) is a Senior at Grand Canyon University, majoring in Mechanical Engineering. Grant worked as an intern with W. M. Lyles Co. under the supervision of Ben Allen. Outside of work and school, Grant enjoys surfing, playing guitar and going to the gym. He also likes doing anything that involves being in the mountains.



Estefania Cristobal - California State University, Fresno

Estefania Cristobal (Fresno, California) attends California State University, Fresno, majoring in Construction Management. Emily worked as an intern with American Paving Co., under the supervision of Ross Jenkins. Outside of work and school, Estefania enjoys reading science fiction novels and spending time with her family.







Carlos Noe Cruz - University of California, Merced

Carlos Noe Cruz (Bakersfield, California) is a Senior at University of California, Merced, majoring in Mechanical Engineering. Carlos worked as an intern with W. M. Lyles Co. under the supervision of Crystal Becerra. Outside of work and school, Carlos enjoys working out and going to the beach. He also enjoys hiking and hanging out with friends back home.



Richard Esparza - California State University, Long Beach

Richard Esparza (Chino, California) is a Senior at California State University, Long Beach, majoring in Mechanical Engineering. Richard worked as an intern with W. M. Lyles Co. under the supervision of Danny Flores. Richard enjoys surfing, rock climbing, traveling when he's able to, playing games on his PC, cooking, baking, watching TV shows and movies or simply just relaxing at home.



Blake Hall - Boise State University

.....

Blake Hall (Rocklin, California) is a Senior at Boise State University, majoring in Mechanical Engineering. Blake worked as an intern with W. M. Lyles Co. under the supervision of David Calandro. Outside of work and school, Blake enjoys watching and playing sports.

Jose Guerrero (Fresno, California) attends California State University, Fresno

Jose Guerrero - California State

University, Fresno

majoring in Mechanical Engineering. Jose worked as an intern with New England Sheet Metal, under the supervision of Daniel Kalmink. Outside of work and school, Jose enjoys exercising, watching podcasts and movies. He also watches videos on YouTube about engineering projects and fishing.

Andrew Korpela - Allan Hancock College

Andrew Korpela (Bakersfield, California) is a Sophomore at Allan Hancock College, majoring in Mechanical Engineering. Andrew worked as an intern with W. M. Lyles Co. under the supervision of Peter Rees. Outside of work and school, Andrew enjoys going on day trips to local areas with his wife and son.





Emily Laing - California Polytechnic State University, San Luis Obispo

Emily Laing (Fresno, California) attends California Polytechnic State University, San Luis Obispo, majoring in Mechanical Engineering. Emily worked as an intern with New England Sheet Metal, under the supervision of Joshua Wilkinson. Emily enjoys horseback riding, hiking in the mountains, and spending time with family.



Max Rheault - California State University, Fresno

Max Rheault (Fresno, California) is a junior at California State University, Fresno, majoring in Construction Management. Max worked as an intern with Lyles Services Co. under the supervision of Andrea Alexis. Max enjoys playing golf or any other outdoor activity. Although he tries to stay active sometimes, kicking his feet up and laying on the couch is ideal.



Julia Szymanska - California State Polytechnic University, Pomona

Julia Szymanska (Temecula, California) is a Senior at California State Polytechnic University, Pomona, majoring in Civil Engineering. Julia worked as an intern with W. M. Lyles Co. under the supervision of Matt Cain. Outside of work and school, Julia enjoys reading, swimming, looking for new boba places, and watching TV.





Efren Vargas - University of California, Davis

Efren Vargas (Bakersfield, California) is a Senior at University of California, Davis, majoring in Mechanical Engineering. Efren worked as an intern with W. M. Lyles Co. under the supervision of Jeff Mathiowetz. Outside of work and school, Efren enjoys playing tennis, watching documentaries, and going to the beach.

Mai Yang - California State University,

Mai Yang (Fresno, California) graduated

from California State University, Fresno,

majoring in Business Administration

Human Resource Management. Mai

worked as an intern with Lyles Services

Co. under the supervision of Paisley

Davis. Outside of work and school, Mai

enjoys reading books and traveling.

Fresno



Sean Wenrick - California State University, Sacramento

Sean Wenrick (Rocklin, California) is a Junior at California State University, Sacramento, majoring in Construction Management. Sean worked as an intern with W. M. Lyles Co. under the supervision of Marc Vanden. Outside of work and school, Sean enjoys rock climbing, exploring and learning new things.



Alejandro Cortez - California State University, Sacramento

Alejandro works as an intern for W. M. Lyles Co. under the supervision of Ruben Moreno, Project Executive. Alex enjoys spending time with friends and family while riding ATV's and UTV's.

Brendan Sanders - California State University, Fresno

Brendan works as an intern for W. M. Lyles Co. under the supervision of Tyler Caglia, Senior Project Manager. He enjoys venturing outdoors, camping, as well as being around friends and family.



CONGRATULATIONS TO THIS YEAR'S SERVICE AWARD RECIPIENTS

Thanks to you and all of our dedicated employees, we continue to be leaders in our industry. With your efforts we are able to continue to honor our commitment to excellence, and not only meet, but exceed our clients' expectations. We look forward to another successful year. Please join us in congratulating the following employees.

75 Years of Service

LDI: Bill Lyles

35 Years of Service

LUC: Rick Hawks; NESM: Raymond Kutka

30 Years of Service

LUC: Bryan Lightner; NESM: Lee Halterman, Bill Sharp WML: Kevin Vieira

20 Years of Service

NESM: Nathan Harris, Heidi Short, Jonathan Sermer, **WML:** Kyle Garner, Mark Glaszczak, Hector Rodriguez, Bobby Dixon, Daniel Macedo, Bill Russell

15 Years of Service

APC: Jose N. Flores, Jimmy Brager; **LSC:** Andrea Alexis, John Driscoll, Scott McElwain; **LUC:** Alfred Prieto, Erica Chavez; **NESM:** Casey Armstrong, Mike Ewy, Daniel Fuentes, Jerald Hyde, Leonard Koch, Donovan Mayhue, Craig Radke, Benjamin Snyder, Scott Starnes; **WML:** Arturo Aguilera, Patrick Bland, Paul Nelson, Chuck Flannigan, David Stringer

10 Years of Service

LDI: Julie O'Masters; LSC: Marsela McEwen, Brett Poochigian, Satnam Sidhu; LUC: Brent Hutton, Tami Lyles; NESM: David Hyde, Ross Jenson; WML: Anselmo Abreo Jr., Gary Hein, Tyler Vanderzee

5 Years of Service

APC: Jeremy Adams, Santos Arana Gonzalez, William Jones III, Joshua Mills, Febronio Soto Machuca; LDI: Helen Shergill-Barandalla; LSC: Mark Edwards, Devon Larsen; LUC: Franky Hernandez Jr., Salvador Herrera Carrasco, Frank Rodriguez, James Verduzco; NESM: Bruce Khim, Jeffrey Lindenmeyer, Omar Mercado; WML: Jimmy Combs, Andrew Gomez, Eduardo Gomez, Jorge Murillo, Chantz Fox, Sean MacGregor, Marcos Reyes, Jeffrey Tholen, Nicolas Eastham, Christopher Harris, Kyle McBride, Luis Perez, Scott Hall, David Jimenez, Brodey Thorn, Sonja Ferris, Christopher Toler



Corporate Office P.O. Box 28547 Fresno, CA 93729 (559) 441-1900



To stay up to date on our latest projects scan the QR code or visit us at lylesgroup.com

