

The City of



Project Labor Agreement

Quarterly Progress Report through December 31, 2022

Pure Water Program Phase I



Morena Conveyance Northern Alignment

OUR PROJECTS

City of San Diego Pure Water Phase I



North City Pure Water Facility and Pump Station

Prime Contractor: Shimmick Construction, Inc.
Project Value: \$361,377,150
Project Start Date: April 2021

As of December 31, 2022, the North City Pure Water Facility is at approximately 34.5% cost complete with 404 of 1,052 workdays expended.

Shimmick continues with concrete work focusing on the ozone facility, biological activated carbon filters, process area and administration building.

Site process yard piping continues across the site with a focus on the northern portion of the project. Electrical and mechanical installations continue with material procurement and coordination with ongoing structural work.

Scheduled equipment deliveries and installation activities will be ramping up soon.



Morena Pump Station

Prime Contractor: Flatiron West, Inc.
Project Value: \$111,126,107
Project Start Date: June 2021

Work began on the alternative shoring system for the Morena Pump Station and Screening Facility. This work is currently being conducted by Flatiron and its shoring contractor, Condon Johnson. The new work activity is anticipated to continue through the first quarter of 2023.

On Friars Road, micro tunnel operations were completed during the fourth quarter with the exception of the 30-inch brine pipeline to be installed within a completed 42-inch micro tunnel. The 30-inch brine pipeline will be installed during the first quarter of 2023.

Construction of a new concrete junction structure and the two concrete angle structures is underway and should be completed during the first quarter of 2023. Excavation, shoring and dewatering activities began at the Diversion Structure 3 Angle Structure during the fourth quarter.

OUR PROJECTS

City of San Diego Pure Water Phase I



Morena Conveyance Northern Alignment

Prime Contractor: OHL USA, Inc.

Project Value: \$101,143,645

Project Start Date: July 2021

As of December 31, 2022, OHL has started pipe installation on Appleton Street heading toward State Route 52. OHL has installed approximately 1,200 linear feet of pipe.

OHL has completed the launch shaft for the Interstate 805 tunnel. The receiving shaft is in progress.

Finally, OHL has completed the pipe installation on Executive Drive.



North City Pure Water Pipeline

Prime Contractor: W.A. Rasic

Construction Project Value: \$123,456,027

Project Start Date: July 2021

As of December 31, 2022, W.A. Rasic (WAR) has installed approximately 6,200 linear feet of 48-inch pipe.

WAR has completed the Evans Pond tunnel run, which included tunnel operation and carrier pipe installation. The Murphy lot is ongoing now that Evans Pond's tunnel run is complete.

Open cut pipe installation is complete on the MacFarlane lot with the exception of the tunnel and connection from the open cut.

The jacking pit for the Interstate 15 tunnel on the MacFarlane lot is constructed and the receiving shaft is pending due to a design change with CalTrans.

OUR PROJECTS

City of San Diego Pure Water Phase I



North City Water Reclamation Plant Expansion and Influent Pump Station

Prime Contractor: Kiewit Infrastructure West Co

Project Value: \$255,199,145

Project Start Date: August 2021

The project team completed 2022 accident free, which aligns with Kiewit's goal of "nobody gets hurt."

- Conveyance piping stage 1 is complete . The 2nd phase is under way.
- At Facility 5, headworks, electrical work is on-going.
- At Facility 10, primary sedimentation finished the first level of falsework as well as the slab on grade and walls in areas 2 and 3.
- At Facility 15, first stage bioreactor started mechanical and electrical demolition in existing channels, 4, 5, and 6. New slab on grade and walls continue to make good progress.
- At Facility 16, second stage bioreactor mechanical and electrical demolition is complete in the first six bays. Concrete demolition is nearly complete. Construction of the new influent channel is underway.
- At Facility 23, secondary clarifiers and the majority of the under-slab piping, backfill and subgrade is complete.



Metropolitan Biosolids Center Improvements

Prime Contractor: PCL Construction, Inc.

Construction Project Value: \$40,290,354

Project Start Date: September 2021

As of December 31, 2022, PCL Construction has refurbished one of the two snail systems for the grit handling area. The flare portion has been dug and prepped for the slab on grade and some sidewalks and ramps for civil construction have been poured. Additionally, the mechanical pipe has been installed within the project's gallery.

OUR PROJECTS

City of San Diego Pure Water Phase I



North City Water Reclamation Plant Flow Equalization Basin

Prime Contractor: Kiewit Infrastructure West Co

Project Value: \$11,886,000

Project Start Date: January 2022

As of December 31, 2022, the Kiewit project team has been working through procurement and planning, awaiting pipe delivery that has been impacted due to supply chain issues.



Morena Conveyance South Middle and Bike Lanes

Prime Contractor: Sukut Construction

Construction Project Value: \$2,772,323

Project Start Date: October 2022

As of December 31, 2022, Sukut has started potholing to locate all utilities within the proposed pipeline alignment. Traffic control plans, engineered pipe and mechanical submittals are being reviewed for approval. Potholing will continue for the next couple of months.

OUR PROJECTS

City of San Diego Pure Water Phase I



Miramar Reservoir Pump Station Improvements

Prime Contractor: Shimmick Construction, Inc.
Construction Project Value: \$12,692,000
Project Start Date: December 2022

As of December 31, 2022, the Miramar Reservoir Pump Station Improvements has 45 of 600 workdays expended.

Shimmick has mobilized and performed potholing and clearing in preparation for the 48-inch pipeline discovery and the 66-inch pipeline demolition and replacement.

Focus has been on material procurement and will shift to field operations in the first quarter of 2023.

Upcoming Projects



Penasquitos Pump Station (PQPS) Oxygenation System

Bid Posting: 07/25/22
Bids Due: 09/02/22
Bid Award: Blue Pacific Engineering



Central Area Small—Scale Facility

Bid Posting: 11/01/22
Bids Due: 01/12/23
Bid Award: TBD

OUR PEOPLE

Veteran Helmets to Hardhats Spotlight



Daniel Harling



United States Army

Iron Workers Local 229, First Period Apprentice

“The Tyler Reinforcing crew has been great at teaching me something new everyday. I don’t just clean-up. They are teaching me how to do the job.”
- Daniel Harling



Tyler Reinforcing Crew
NCWRP Expansion Project
November 14, 2022

After Daniel Harling completed his service with the U.S. Army, he wanted a good job that could pay the bills. He signed up on the Helmets to Hardhats website and began working with Quincy Lunford, Southwest Regional Manager with Helmets to Hardhats, and Iron Workers Local 229 to begin his construction career. Through this connection, Daniel was sponsored by Tyler Reinforcing as a first period apprentice with the Iron Workers Local 229.

Daniel shared his thoughts on joining the union and how it has changed his life. He stated, “The pay is better than most jobs and I don’t have to worry about my future. I can afford a place to live and I already have benefits. I’m basically set for the rest of my life.”



David Johnson (Iron Workers Local 229 Business Agent), Daniel Harling and Beau Coleman (Iron Workers Local 229 Business Manager)

Veterans Working on the Pure Water Program



49

Total veterans across all PLA covered Pure Water Phase I Projects



6%

Percentage of veterans employed by hours across all PLA covered Pure Water Phase I Projects



27,072

Total veteran hours worked across all PLA covered Pure Water Phase I Projects

OUR PEOPLE

San Diego College of Continuing Education Foundation (SDCCEF) Apprenticeship Readiness Program



PCL Construction Crew
North City MBC Improvements Project
November 14, 2022

Echo Fenner

Graduate SDCCEF Apprenticeship Readiness Program
Laborers Local 89, First Period Apprentice

Meet City of San Diego resident Echo Fenner. Her love of building and technology brought her to the Apprenticeship Readiness Program at SDCCEF, which is a free 12-week program that prepares pre-apprentices to launch into successful careers as construction apprentices. Upon successful completion of the program students earn OSHA 30, CPR and First Aid, MC3 certification, and other skills that are critical to launching a career in the trades.

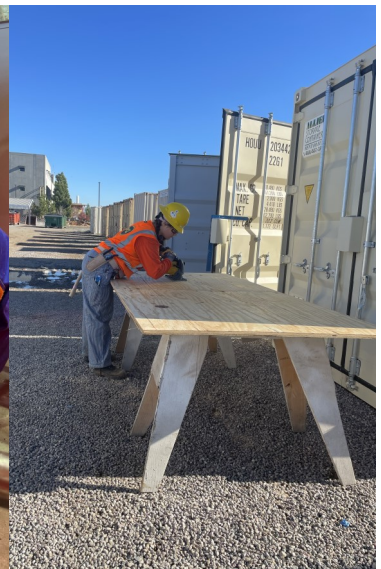
With the multitude of crafts to choose from, Echo enrolled in the program to learn about the different trades. With the guidance of SDCCEF ARP's Dean Stephanie Lewis and instructor Jon Gosen, Echo decided to pursue a career as a laborer. Echo graduated from the program in March 2022. She stated, "If you want to start in construction and do not have any idea of what you want to do, this class is very helpful, and having the certifications is extremely helpful."

After graduation, Echo passed the Laborers Local 89 boot camp and with the help of Chris Betancourt, Laborer's Local 89's Business Agent, she began the laborers welding program where she received her Stick and Mig welding certifications. In October 2022, PCL Construction sponsored Echo as a first period apprentice with Laborer's Local 89 on the Metropolitan Biosolids Improvement project.



"PCL has been great to work for, everyone is super helpful. They have a very strong safety culture and I feel good coming to work everyday because of that."

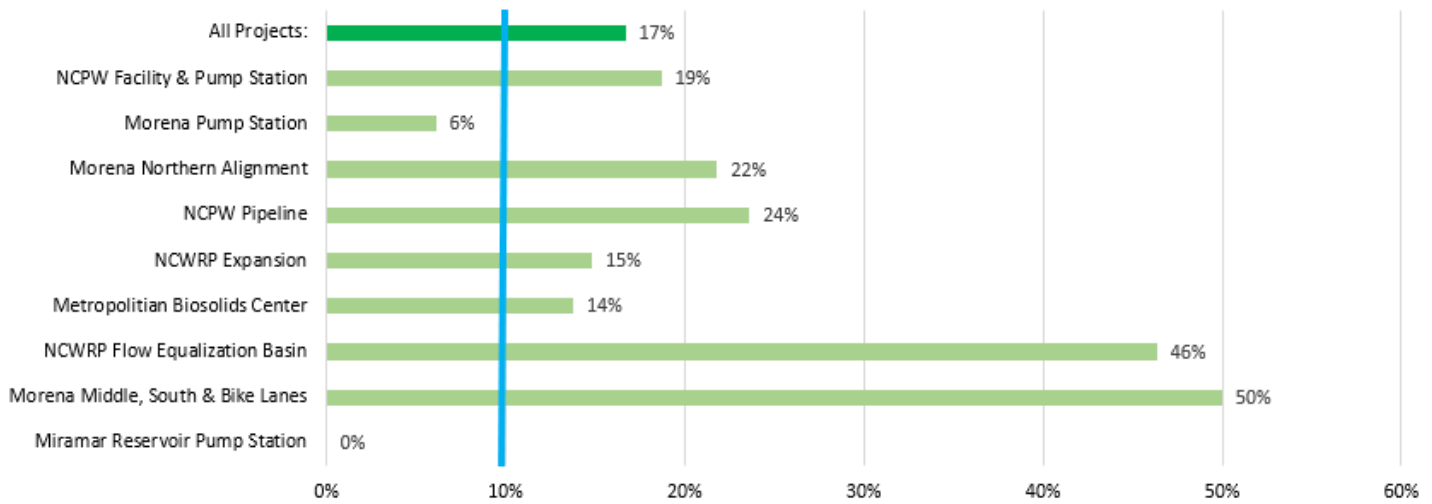
-Echo Fenner



Targeted Worker Hiring

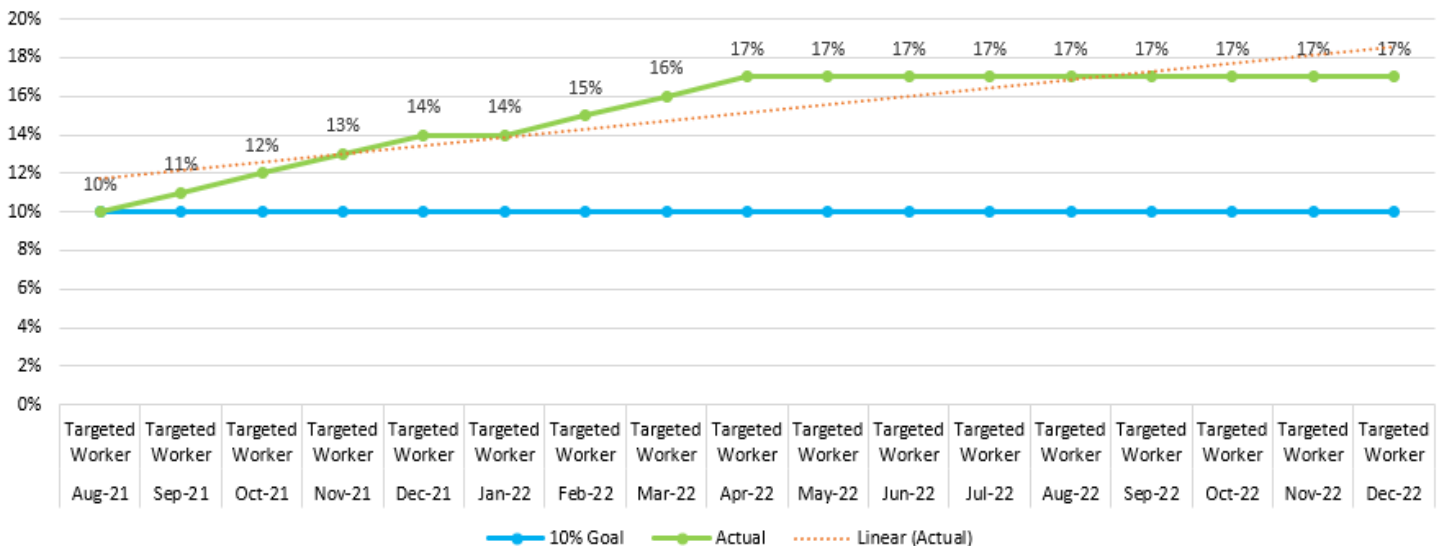
The PLA establishes a goal that at least 10% of the total construction craft hours worked on each project be performed by Targeted Workers. The City of San Diego's Pure Water Phase 1 program has exceeded the 10% goal with 17% of all craft workers being performed by Targeted Workers.

Pure Water Targeted Goal 10%



“Targeted Worker” means any individual qualifying for one (1) or more of the following Targeted Worker categories: (a) is a Veteran, or is the eligible spouse of a Veteran of the United States Armed Forces, under Section 2(a) of the Jobs for Veterans Act (38 United States Code [U.S.C.] 4215[a]); (b) at initial time of employment on a Covered Project, is an Apprentice with less than ten (10) percent of the work hours required for graduation to become a Journeyman; (c) has no high school diploma or general education diploma (GED); (d) is homeless or has been homeless within the last year; (e) is a former foster youth; (f) is a custodial single parent; (g) is experiencing protracted unemployment (receiving unemployment benefits for at least three [3] months); (h) is a current recipient of government cash or food assistance benefits; (i) has a documented income at or below 100 percent of the Federal Poverty Level; and/or (j) is formerly incarcerated with a history of involvement with the criminal justice system.”

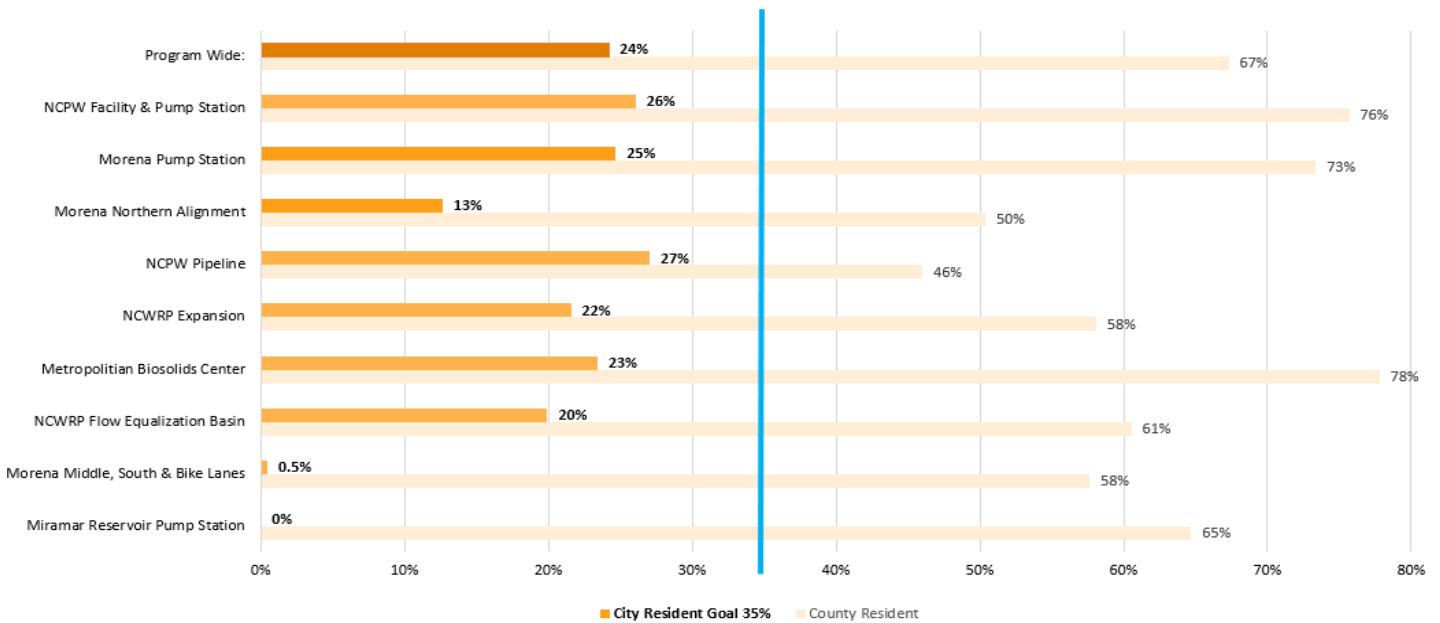
Pure Water Program Wide Targeted Worker Hire Trend Chart



City Resident Worker Hiring

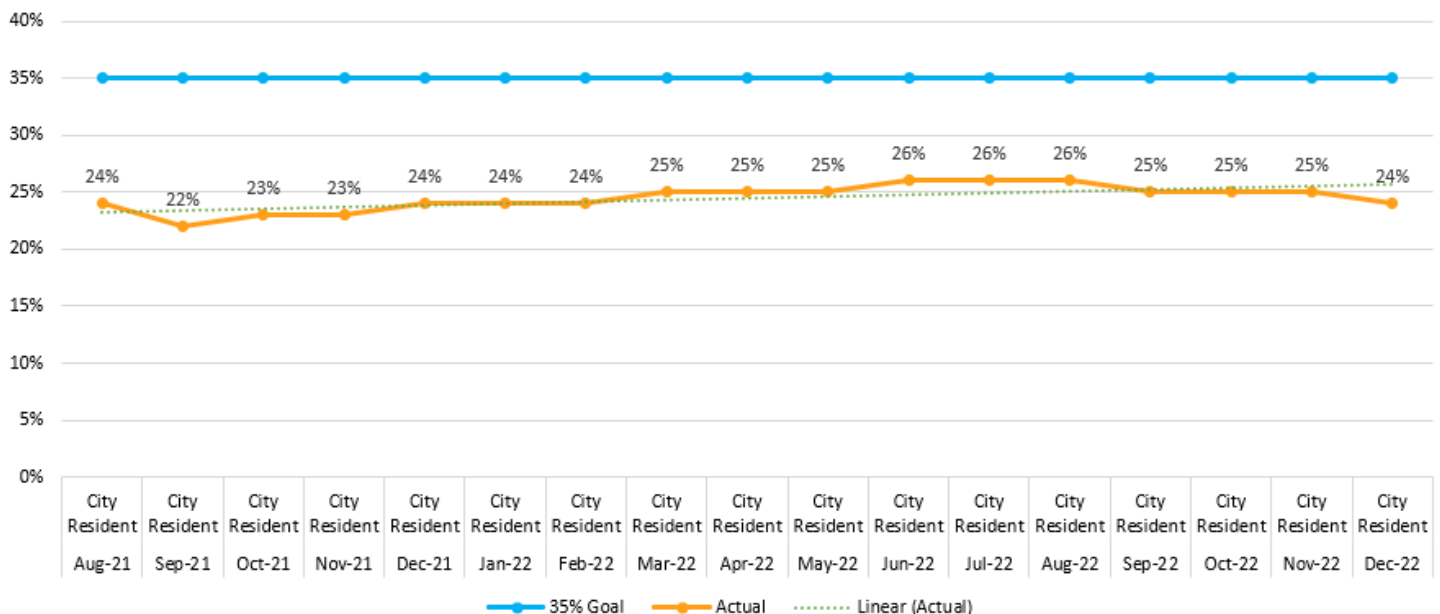
The PLA establishes a goal that at least 35% of the total construction craft hours worked on each project be performed by City Residents. Nearly 25% of the construction craft hours worked on the Pure Water Phase 1 program are by City Residents.

Pure Water City Resident Goal 35%



City Residents is defined as a City of San Diego permanent resident at the time of initial employment on a Covered Project or a Veteran residing anywhere.

Pure Water Program Wide City Resident Hire Trend Chart



OUR PROGRESS

Building on Shared Goals

Economic Impact

\$8,395,146

City Resident Wages and Benefits Earned

City Residents received approximately \$8.3 million in wages and benefits and worked 118,628 hours on Pure Water Phase I PLA covered projects.

\$5,118,070

Targeted Worker Wages and Benefits Earned

Targeted Workers received approximately \$5.1 million in wages and benefits and worked 81,796 hours on Pure Water Phase I PLA covered projects.



City Residents

employed on Pure Water Phase I PLA covered projects

394



Targeted Workers

employed on Pure Water Phase I PLA covered projects

204

Apprentice Utilization

The Pure Water PLA encourages the unions and contractors to cooperate in referring and employing apprentices up to the maximum percentage allowed by the State Labor Code and the standards of each state-approved apprenticeship program.

Contractors shall be in compliance with the California State Labor Code Section 1777.5 (g) apprenticeship requirements which state the minimum apprentice ratio shall be one hour of apprentice work for every five hours of journeyman work (20%).



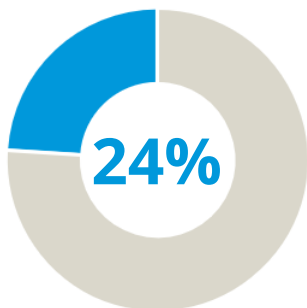
Morena Conveyance Northern Alignment

96

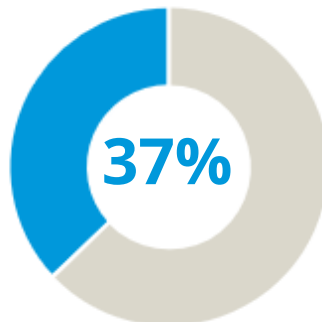
City Residents were employed as apprentices on the Pure Water Phase I PLA covered projects

99

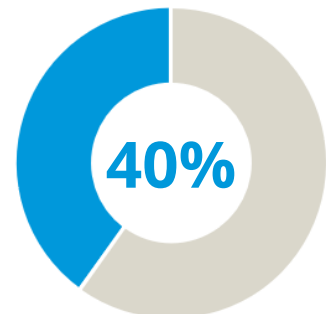
Targeted Workers were employed as apprentices on the Pure Water Phase I PLA covered projects



24% of all **Program Hours** worked were apprentice hours



37% of all apprenticeship hours were worked by **Targeted Workers**



40% of all apprenticeship hours were worked by **City Residents**

Pre-Job Conferences

Each contractor is required to conduct a pre-job conference with the unions. If work that was not previously assigned at a pre-job conference or additional work is added to the scope, the contractor(s) performing such work will conduct a separate pre-job conference. The purpose of the conference is to, among other things, convey craft manpower needs, the schedule of work for the project, project rules and propose preliminary work assignments.

The Project Labor Coordination Team, led by Lea Fields-Bernard, works with the prime contractor and Building Trades Council to facilitate the scheduling of all pre-job conferences for the program. During the conference, the Project Labor Coordination Team reports current project attainments and monitors employment opportunities for City Residents and Targeted Workers.

Project	Prime	Total
As needed Inspection & Survey Services Conveyance Projects	Jacobs	2
As needed Inspection & Survey Services Treatment and Facilities Projects	Parsons Black & Veatch	4
Morena Pump Station	Flatiron West, Inc.	16
Morena Northern Alignment & Tunnels	OHL USA, Inc.	8
Morena Conveyance South, Middle & Bike Lanes	Sukut Construction	1
NCWRP Flow Equalization Basin	Kiewit Infrastructure West	2
NCWRP Expansion	Kiewit Infrastructure West	7
NCPW Facility & Pump Station	Shimmick Construction	9
NCPW Pipeline	W.A. Rasic Construction	9
Miramar Reservoir Pump Station	Shimmick Construction	3
Metropolitan Biosolids Center	PCL Construction	4
GRAND TOTAL:		65

65 Pre-Job Conferences
were held through December 31, 2022