

# CEG White River

Intake & Pump Station to Canal



Total Contracts: \$9,812,934  
Project Start: 2017  
Project Completion: 2018



Resourceful.



Responsive.



Results.



INDIANAPOLIS  
INDIANA





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Intake & Pump Station / Indianapolis, IN  
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Pre-Construction services which included: constructability reviews, construction baseline scheduling, and project estimating. Bowen worked collaboratively with Owner and Owner's Engineer to define cost and schedule implications related to site selection, design details, specification clarifications, value engineering opportunities, construction methods and synergies that could advance the project to an early construction start. Bowen is providing construction services necessary to build and place into service a new Intake Structure on the White River, New Pump Station and Electrical Building, new connecting piping, new Meter Vault Structure and Outlet Structure capable of transferring/pumping 70 MGD of water from the White River into the CEG Canal.

### Project Challenges:

- Temporary Cofferdam System (Port-A-Dam)
- Tight Schedule, Tight Site, Site Logistics/Coordination/Equipment Utilization
- Public Interactions, TOW Path Pedestrian Traffic
- Dewatering and Excavations in River

### Bowen Resourceful:

- Provided Value Engineering Opportunities, Driving the Schedule and overcoming schedule challenges

### Bowen Responsive:

- Flexibility to Scope Changes/Modifications, Being Proactive and not reactive. Ensuring that the upmost communication and collaboration efforts maintained and in place with operation, project team and Owner

### Bowen Results:

- Continuous Striving to enhance Safety, Quality, Production process. Growth of the project team and employees. Setting a goals and achieving Goals. Exceeding expectations on a high profile project for a high profile client.

## PROJECT SCOPE

- Site Work
- Civil/ Concrete Work
- Undergrond Piping
- Pre-Engineered Buildings
- Equipment Setting
- Mechanical/ Piping
- Architectural/ Finishing Work

## PROJECT SPECS

- 7407 CY Excavation & 3825 CY Backfill
- 8,900 SF of Sheet Piling
- 2122 CY of Concrete
- 323 CY Largest Single Pour
- 371 Tons of Rebar
- 35,722 SF of Formwork
- 520 LF UG Piping
- Largest Pick: 36,000 LBS

## PROJECT TEAM

- Bowen Contact: Alan Dale
- Client Contact: Michelle Law  
317.966.3715  
Mlaw@citizensenergygroup.com
- Technology: PlanGrid  
E-Communication
- Engineering: Citizens Energy Group  
Arcadis



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