



**CITY OF HOUSTON**  
Houston Public Works

# DESIGN-BUILD SERVICES

# Northeast Water Purification Plant Expansion



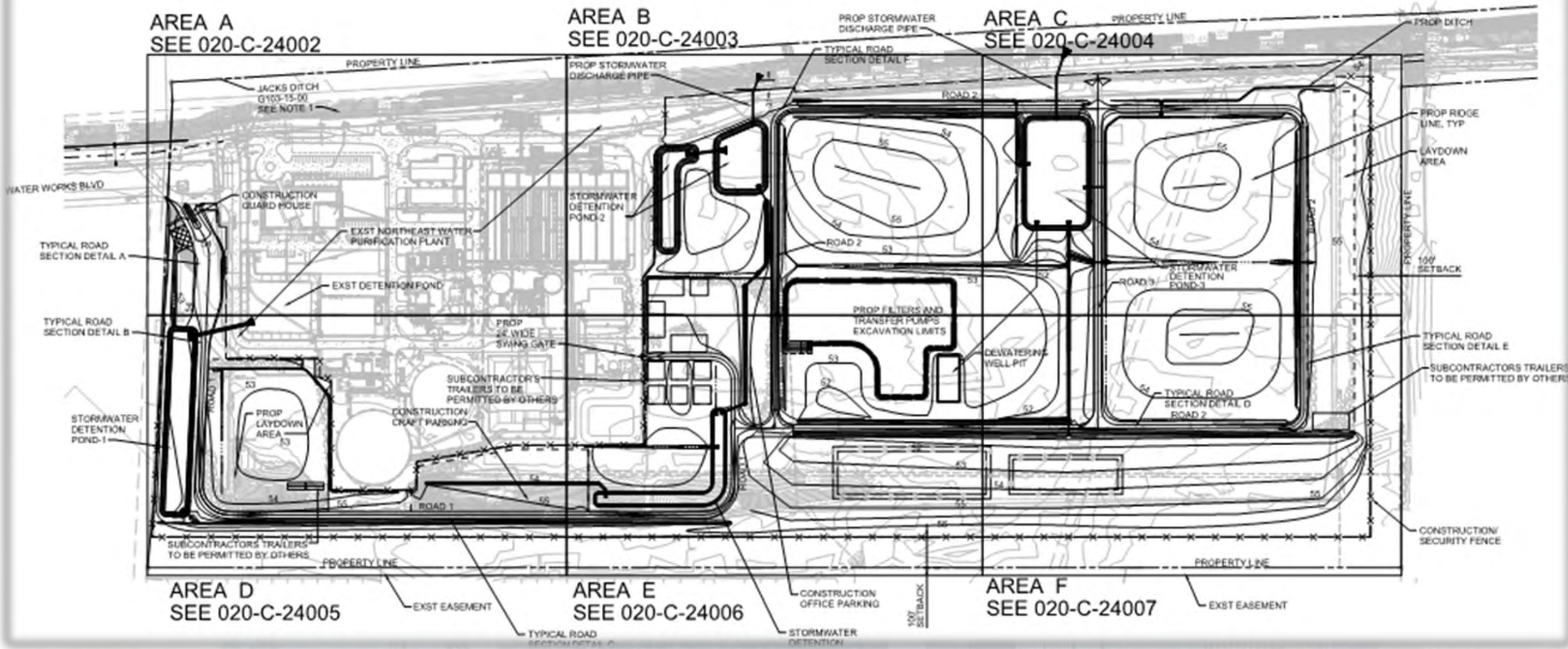


# Construction Progress – EWP 1 East Plant

## May 02, 2018

- **Delivering and setting trailer complex**
- **Stabilizing/compacting parking lot, Trailer City, and Road 2**
- **Cutting/grading Road 1**
- **Installing power poles and power lines**
- **Cutting/excavating Pond 2a**
- **Installing fiber optic cable**





# Stabilizing & Compacting Parking Lot



# Stabilized, Compacted, and Laid CTB for Engineering Trailer Pad



# Cutting & Grading Road 1 (South Section)



# Excavating Pond 2a



# Delivered and Set COH/PMT Trailer Complex





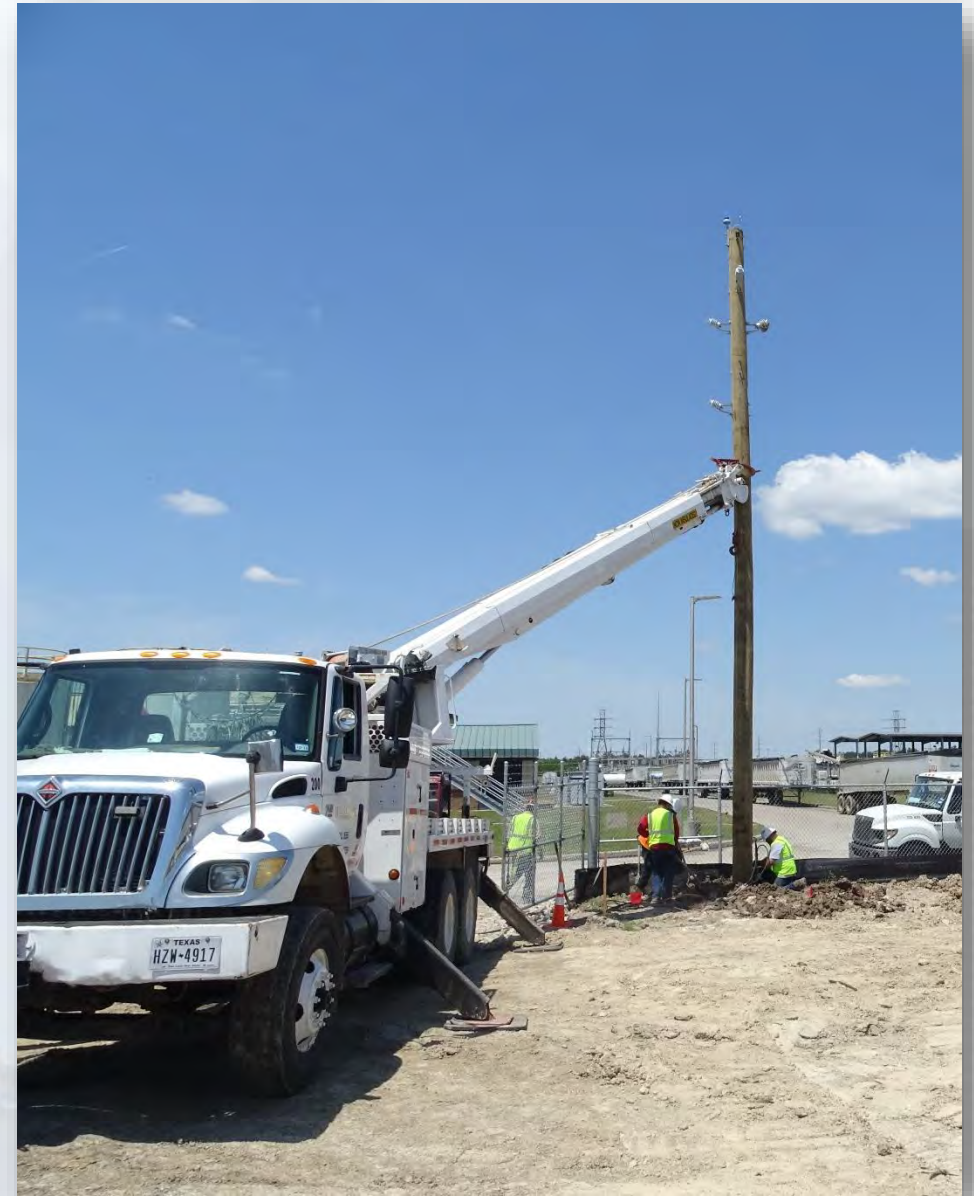
# Assembling Interior of COH/PMT Trailer Complex



# Installing Holding Tanks



# Installing Power Poles



# Pulling Power Lines



# Trenching and Installing Fiber Optic Cable




# Drone Flyover April 27, 2018

## Facing East



# Drone Site Map April 27, 2018





# Construction Progress – EWP 3 – IPS & Corridor (Electrical)

May 02, 2018

- **Pulling wire**
- **Installing fiber optic cable**
- **Terminating wire**
- **Installing 15 KV ductbank and pad**





# Installed and Poured Ductbank For 15 KV Switchgear




# Backfilled Ductbank and Forming Pad For 15 KV Switchgear



# Pulling and Terminating Wire





# Construction Progress – EWP 4 – Raw Water Corridor and IPS

May 02, 2018

- **Grading and installing rock on Barnard laydown yard**
- **Installing fencing in West Corridor**
- **Installing communication lines**
- **AT&T raising lines**



# Installing Barnard Laydown Yard



# Installing Fence Posts (South Side of West Corridor)



# Installing Fencing (South Side of West Corridor)



# Installing Communication Lines





# AT&T Raising Fiber Optic Lines at WLHP



# Drone Flyover April 27, 2018

## Barnard Laydown Area and Corridors



# Drone Site Map of Corridors April 27, 2018

