Modern Industry Mega Projects

Spencer Middleton
Manager of Programs, Meta

Team Members:
Karen Bray, Burns & McDonnell
Don Kalenits, Wood.
Presented: September 8 & 9, 2022
Spencer Middleton
Speaker
Manager
Major Programs

Leah Freshwater
Moderator
EPC
Project Manager
Live Q&A

Open the Conference App (CVENT)

1 Navigate. Go to the session you are attending.

2 Click for Q&A. Click “Live Q&A”

3 Type. Type your question in the text box and click “submit”
Fluor Ethylene USGC Project for CPChem

- Fluor Scope:
  - 1.5 Million metric tons/year Ethane Cracker
  - $2.6 Billion TIC
  - 200 miles of pipe

- Area Construction Manager for Cold Unit
Phillips 66 Sweeny NGL Fractionator Project

- Project Scope:
  - 2 X 150,000 barrels per day NGL Fractionation Plants
  - 7,400 tons of steel
  - 550 miles of wires and cables
  - 50+ miles of pipeline on site

- Construction Manager
Tesla Gigafactory - Austin

- Project Scope:
  - $1 Billion+ TIC
  - 2,500-acre facility
  - Approx. 11 million square feet of factory floor
  - Factory itself:
    - About 1 mile long
    - 15 city blocks
    - 3 Pentagons
  - Purpose-built facility with high tech manufacturing within

- Overall Construction Manager
Meta Data Centers

- Project Example:
  - Kansas City Data Center Rendering
  - $800MM+ TIC (Phase 1)
  - 1 Million Square Foot Facility
  - Supported by 100% Renewable Energy

- 20 Datacenters in operation or development worldwide

- Manager of Major Programs
Modern Industry Mega Projects
Live Q&A

Open the Conference App (CVENT)

1 Navigate. Go to the session you are attending.

2 Click for Q&A. Click “Live Q&A”

3 Type. Type your question in the text box and click “submit”