

Special Steel Formwork

Customized engineering solutions for building the world's most structurally complex bridges, tunnels, and water management structures.



At Work For You™



At Work
For You™

Traveling Wall & Deck Forms, Custom Application Solutions

We have developed an extensive range of high productivity formwork solutions for concrete slab, wall and bridge construction while our access designs ensure safe, effective circulation and work progress on the most demanding structures and locations.



Special Steel Formwork



Custom, cantilever formwork & traveler system.



State-of-the-art 3D modeling solution that address both hyperbolic and radial variances



Pre-cast, segmental, short line casting machine designed for robust and speedy segmental bridge construction.



Custom steel pre-cast arch forms.

Special Steel Formwork

Key Features

Pier & Pier Caps, Climbing Forms (Crane & Hydraulic), Pylons, Towers & More

Aluma Systems' customized engineering solutions give us a distinct advantage in the concrete construction industry, where customers are building the world's most structurally complex bridges, tunnels, and water management structures.

Custom steel pre-cast arch forms.



HP Long Bridge: Custom steel pier forms and flares on site in New Orleans, LA.



Pier Caps assembled off site and shipped to the project site.



Combination water-tight coffer dam/pylon footing form.



Various shapes and sizes for all heavy civil applications.



Custom, cast-in-place, balanced cantilever formwork & traveler system.

Special Steel Formwork

Key Features

Dams, Seawalls, Tidal Barriers, Water Retention, River Diversion & More

Experience in solutions in specialized self climbing platforms, slipforms for piezometric wells and the industry's largest inventor of forming and shoring equipment make Aluma Systems the right choice for your project.



Climbing forms used in the construction of the massive concrete gravity dam on the American River of Northern California.



Radius form used in deep water diversion structure.

Key Features

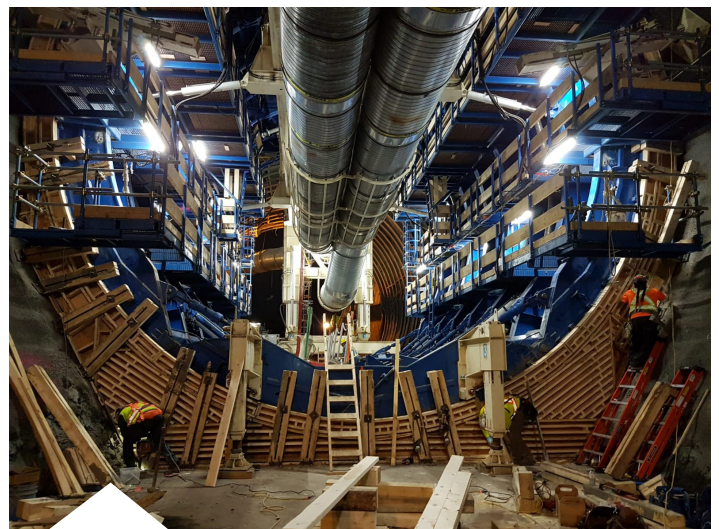
Traveling Wall Forms, Custom Tunneling & Mining Solutions

Solutions for underground formwork range from arch & round designs to custom traveling forms. This vast experience ensures safety and efficiency to maximize project deliverables.

Rolling Track system utilizes standard equipment with minimal custom steel to deliver an extremely flexible and cost effective solution.



Custom hydraulic actuated tunnel forming system.



Custom traveling arch shaped formwork solution.