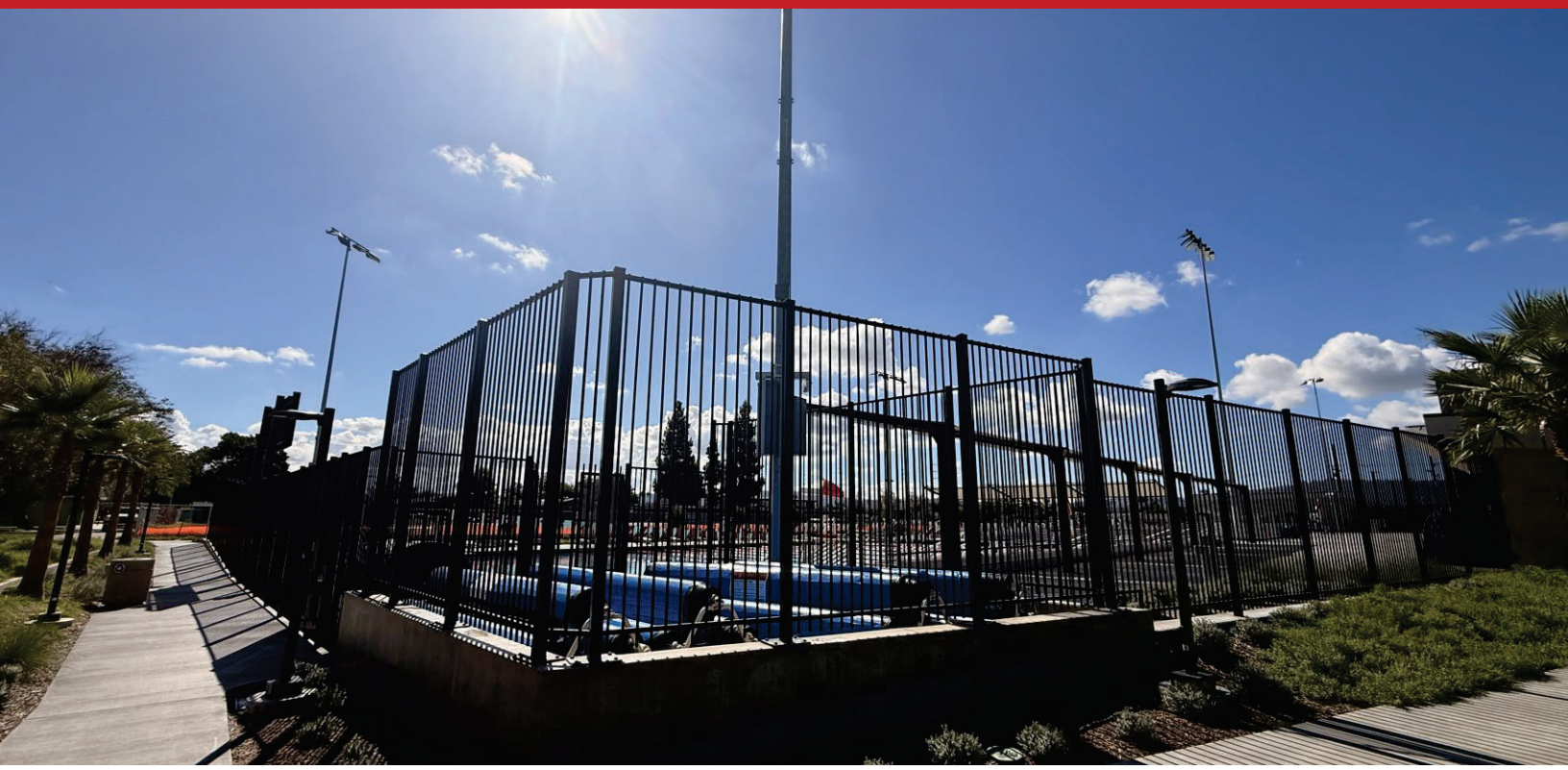
PROJECT CASE STUDY / COUNTY · LIFE SAFETY

San Gabriel Valley Aquatic Center

La Puente, California · County of Los Angeles

Prime Contractor: Balfour Beatty



Ten-foot tube steel picket fence enclosing the pool deck — galvanized, black powder coated, set on the raised deck edge.

OWNER

County of Los Angeles

PRIME CONTRACTOR

Balfour Beatty

IN-LINE ROLE

Fabricate, galvanize, supply & install

BID

April 2023

CONTRACT

Executed November 2023

DELIVERY

County public works · Labor Compliance Program

THE PROJECT

The County of Los Angeles built a regional aquatic center in La Puente — a public competition pool complex serving the San Gabriel Valley.

Around a public pool, the fence is not site furniture. It is the code-required barrier that stops a child reaching open water unsupervised. Height, picket spacing, self-closing hinges and self-latching hardware are all written into pool safety code for one reason, and the inspector checks every one of them before the facility can open.

Balfour Beatty gave that scope to In-Line: **fabricate, galvanize, supply and install**.

WHY IT WAS HARD

Ten feet of picket fence, held true

A ten-foot tube steel picket fence is a different structure from a six-foot one. Wind load, post embedment, panel deflection and the sheer weight of the sections all scale up, and it still has to run dead straight along a pool deck where every line is visible against the water.

Life-safety hardware, not builder's hardware

Self-closing hinges and panic hardware on every gate. On a public aquatic facility these are inspected items — a gate that does not self-close and latch every single time is a failed inspection and a delayed opening.

Galvanized first, then powder coated

The fence had to read as clean architectural black against the deck while surviving chlorine, pool chemistry and the sun. In-Line fabricated it, hot-dip galvanized it and powder coated over the top, so the corrosion protection is under the colour rather than depending on it.

Five rounds of value engineering, without losing the specification

The budget moved during preconstruction. Rather than walk away or thin the product, In-Line reworked the proposal through **five successive value-engineered revisions** until the number worked — and the fence that got built is still ten-foot fabricated tube steel, galvanized and powder coated.

WHAT IN-LINE DELIVERED

- **Ten-foot tube steel picket fence** — fabricated, hot-dip galvanized and black powder coated, enclosing the pool deck.
- **Gates with self-closing hinges and panic hardware**, to public pool safety code.
- **Tube steel pipe swing gates** for service and vehicle access.
- **Value-engineered proposal development** — five revisions worked with the prime through preconstruction to land the scope inside the budget.
- **Full prime safety and compliance program** — competent person documentation, job hazard analyses, pre-task plans, subcontractor safety submittals, and County Labor Compliance Program reporting.

SCOPE AT A GLANCE

10' tube steel picket fence | **Pool safety barrier** | **Self-closing gate hardware** | **Panic hardware** | **Pipe swing gates** | **Hot-dip galvanizing** | **Black powder coat** | **Value engineering**

THE RESULT

The barrier around the pool is fabricated steel, galvanized and powder coated, at the height and hardware specification the code requires — built by the subcontractor who fabricated it rather than assembled from whatever a supplier had in stock.

Around a swimming pool, the fence is the last thing between a child and open water. That is not a scope to award on price alone, and it is not a scope to value engineer down to a catalogue product.

WHY PUBLIC OWNERS CALL IN-LINE

County, city and school district facilities are inspected before they open and used by the public every day after. In-Line has built to that standard since 1990.

- **We build to life-safety code.** Pool barriers, picket spacing, self-closing and self-latching hardware, ADA cane detection — the dimensions exist for a reason and we hold them.
- **We have a full steel fabrication shop.** Ten-foot picket fence, custom gates, architectural steel — fabricated, galvanized and finished in house.
- **We value engineer without degrading the product.** Five revisions on this job, and the specification survived all five.
- **We run the prime's safety program.** Competent person documentation, job hazard analyses, pre-task plans and labor compliance reporting.
- **We are certified, bonded, signatory, and safe.** DBE · SBE · SLBE · SB · HUBZone · SBA 8(a). Union affiliated, Local 89 & Local 12. CSLB C-13, C-51, C-32. Bonded through Old Republic Surety, rated A+ XV. **EMR 0.68.**

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In-Line Fence & Railing has built fence, railing, and guardrail for Southern California public works, utilities, school districts, and government agencies since 1990.

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