

Shea-Kenny JV

General Contractors

License No. 796296

26 Feb 10

Mr. Patrick Stevens
Pacific International Grout Co.
P. O. Box 32330
Bellingham, WA 98228

**Regarding: Letter of Recognition for Cellular Grouting Operations – Final Tunnel Liner:
Arrowhead Tunnels Project – Inland Feeder Program;
Metropolitan Water District of Southern California – San Bernardino, CA**

Gentlemen,

Shea-Kenny is very pleased to provide this letter of recommendation to Pacific International Grout Co. (PIGCO) for its outstanding performance on the Arrowhead Tunnels Project located in San Bernardino, CA. Shea-Kenny, was the construction contractor for the Arrowhead Tunnels Project, part of Metropolitan Water District (Metropolitan) Inland Feeder Program. We worked closely with your crews for the placement of low density cellular grout for the installation of the 8-mile long final tunnel liner.

The Arrowhead Tunnels Project was by all accounts, a difficult and extremely challenging project for Shea-Kenny to build. PIGCO was a key member of the construction team. Its supervisors and crews played an integral role for the installation of 42,000 LF (80,000 CY of cellular grout) of final tunnel liner and frequently contributed timely advice based on their considerable experience in this specialized work.

PIGCO was responsible for the supply and placement of low density cellular grout for the Arrowhead Tunnels Project with key Critical Path responsibilities that included for example, detailed planning, specialized equipment designs, coordination and optimization of the schedule, production performance reviews, and daily Quality Control. Additional responsibilities included coordination with Metropolitan's QA staff while maintaining a high level of effective communication and essential follow-through on all matters related to cellular grouting of the final tunnel lining.

The Arrowhead Tunnels Project was completed *over one year ahead* of its modified construction schedule. In light of the challenges faced by the project team, this is a significant accomplishment. PIGCO's diligent attention to its important responsibilities as the cellular grout subcontractor contributed to the success of the project, ultimately resulting in the tunnels going into service in late September 2009. PIGCO and Shea-Kenny project staffs enjoyed a professional working relationship that resulted in a productive and collaborative approach to the work – to the benefit of the project. This environment included frequent planning meetings, communications, joint submittal reviews and optimizing operations for Critical Path activities as well as close coordination with adjacent works.

PIGCO's staff and crews, with vast grouting knowledge, extensive experience and commitment to an early project completion schedule, helped identify and achieve key project goals in a cooperative manner.

We look forward to the next opportunity to work with your staff and crews on a challenging underground construction project – anywhere.

Sincerely,



Brian Fulcher, P.Eng.
Project Director

P.O.Box 30780, San Bernardino, CA 92413 / Ph.: 909•883•3399 / Fax.: 909•883•3371