

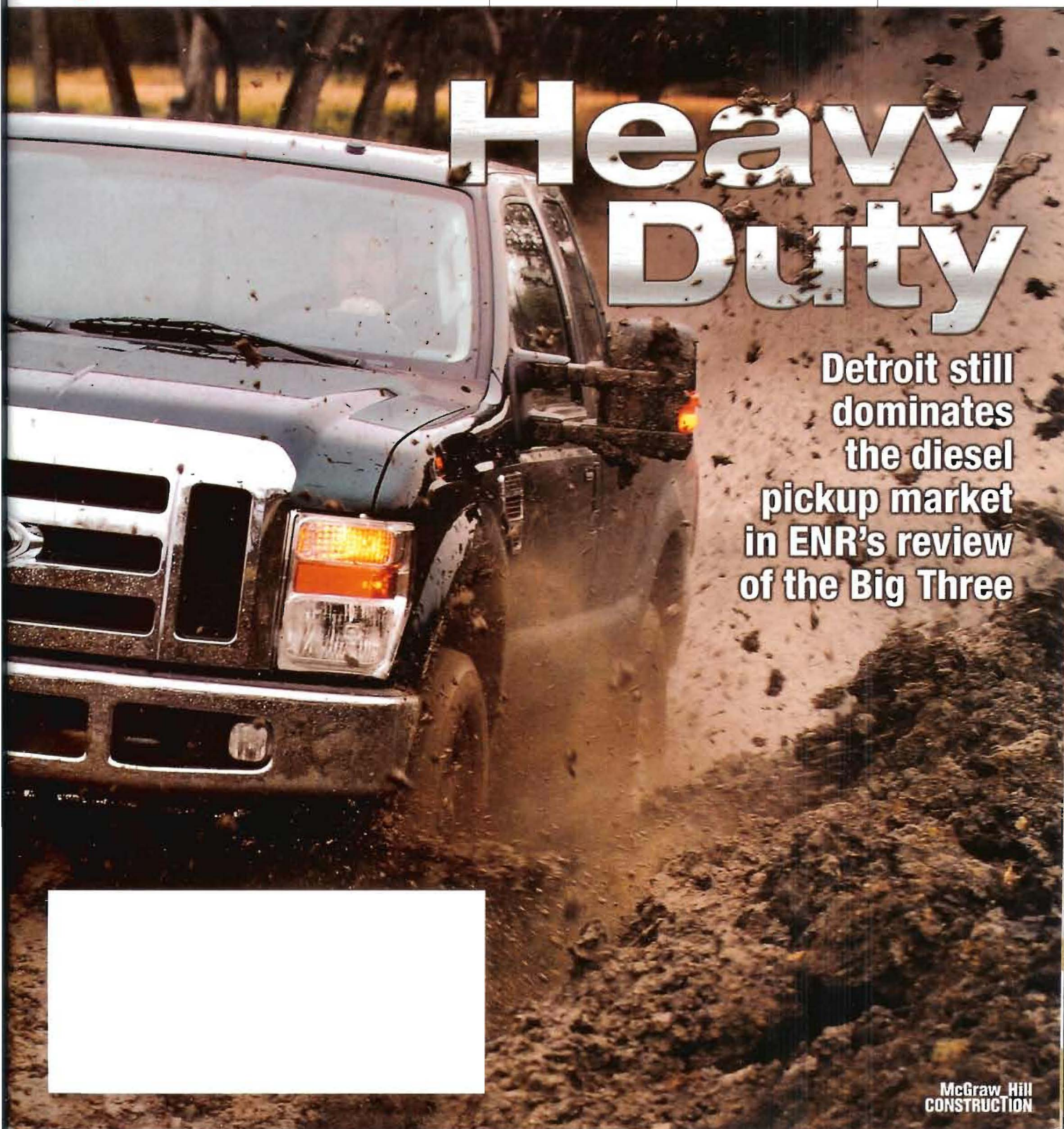
ENR

Engineering News-Record

Split
Contract dispute pits designers vs. contractors

Rethinking
California fires spark debate over land-use management

Expanding
Jacobs in talks to buy Carter & Burgess



Heavy Duty

Detroit still dominates the diesel pickup market in ENR's review of the Big Three



concrete today

Keeping in Shape

The North Branch Water Treatment Plant in North Branch, MN, is a 33-ft-tall concrete groundwater storage tank with an outside radius of 39 ft. The top 20 ft required a rustication pattern to give the exposed portion of the tank some architectural detail.

When John Wegner, the owner of Municipal Builders Inc., first contacted Symons about this project, he was looking for an easy-to-assemble system to provide the finish they needed on the high curved walls. He knew they would not be able to use the Steel-Ply forming system they already owned because of the wall height and finish requirements, so he needed to find something better suited to the application. After evaluating numerous options, he decided to use the Flex-Form® forming system.

A major reason for choosing the Flex-Form system was the fact that the equipment arrived on the site with the radius already built into the formwork. Superintendent Jerry Adranes commented, "The fact that the forms came to my jobsite with the radius already built was a huge advantage. We saved about one week of labor with this system versus the other options." When asked what one thing he liked most about the system, Jerry said, "It was quick and easy to assemble, and once you had it together, it was very rigid. I wouldn't change a thing."

Municipal Builders Inc. even discovered some additional benefits by using the 6 x 12-ft Flex-Form Panels with Pour Doors. The built-in

pour doors provided some extra light between gangs on the tall walls and, of course, multi-level access during concrete placement.

Municipal Builders Inc., has praised the easy-to-assemble Flex-Form system that gave it the ability to form this structure with less labor and complete the concrete ahead of schedule. ■

Steel-Ply® is a registered trademark of Symons, Des Plaines, IL.

Flex-Form® is a registered trademark of Symons, Des Plaines, IL.



Innovative New Products From a Company You Trust

LENTON® Concrete Reinforcement Products are specified in projects worldwide to reduce congestion and speed installation. Cost-effective LENTON products from ERICO® provide reliable performance.



LENTON® STEEL FORTRESS

- Provides a simple and economical solution to brittle punching shear failure
- Installs quickly and easily after rebar placement, saving both time and labor
- Minimizes the need for column capitals and drop panels

ICC-ES ER-5668
Patent protected in US (6,003,281)
Europe (Patent 823,954)



LENTON® LOCK Mechanical Rebar Splicing System

- Designed to break the reinforcing bar remote from the rebar connector
- Requires no bar-end preparation, sawing or swaging – ideal for in-situ splices
- Meets or exceeds major international building codes and DOT requirements

Patent 7,107,735 & 7,093,402



Penetrator Mechanical Rebar Splicing System

- Replaces hooked rebar
- Reduces congestion, eases form placement and speeds construction
- Eliminates protruding dowels and holes in formwork

For test results or a copy of our ICC-ES report, visit www.erico.com or call 1-800-248-2677.



