

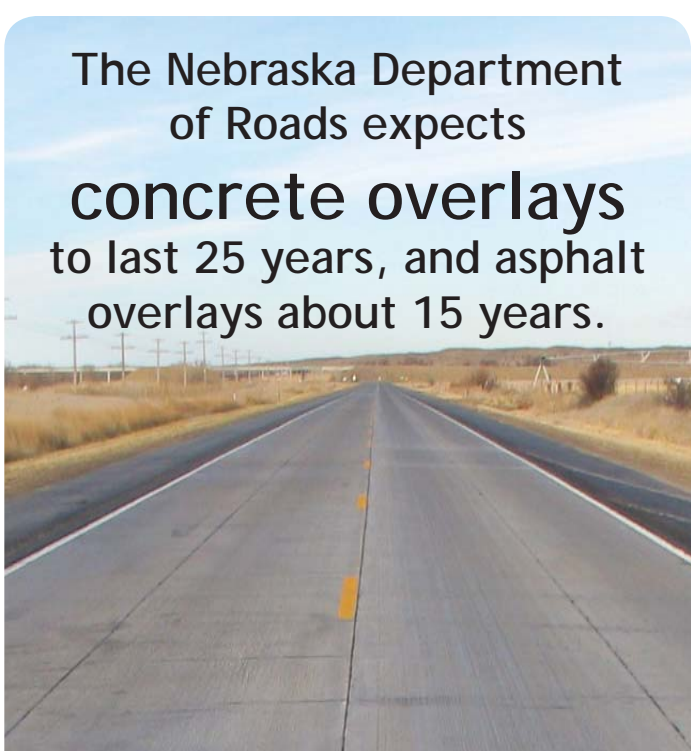
The project was let
May 19, 2010, and a
contract awarded to
Werner Construction of
Hastings, Nebraska for
\$4,149,855.02.

This 11.95 mile project
included 11.08 mile
of PCC overlay, and
0.87 mile of asphalt in
Paxton and Sutherland.



6000 Cornhusker Highway
Lincoln, NE 68507

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The Nebraska Department
of Roads expects
concrete overlays
to last 25 years, and asphalt
overlays about 15 years.

With those two
expectations in mind,
District 6 - North Platte
decided to try a
**PCC overlay on US
30 between Paxton
and Sutherland**
for 2010 construction.

The five-inch thick PCC was placed in two, twelve-foot wide passes to allow local traffic access to the open lane. Through traffic was detoured.

The completed project, including the asphalt section, paved shoulders, milling, traffic control and striping, totaled \$377,238.49 per mile. The concrete overlay cost \$245,778.49 per mile.

Based on Average Unit Prices from the Nebraska Department of Roads Website, a four-inch HMA overlay would have cost about \$247,852 per mile.

With an expected 25 year life, that is only \$9,831 per mile per year for the concrete overlay. The asphalt overlay, with a 15 year expected life, would cost \$16,523 per mile per year.

That's longer life for the same money!

District 6 plans three more sections of US 30 where concrete will be the overlay material. The three are: Cozad to Lexington, Gothenburg West and Roscoe to Paxton. The next one will be in FY 2013.

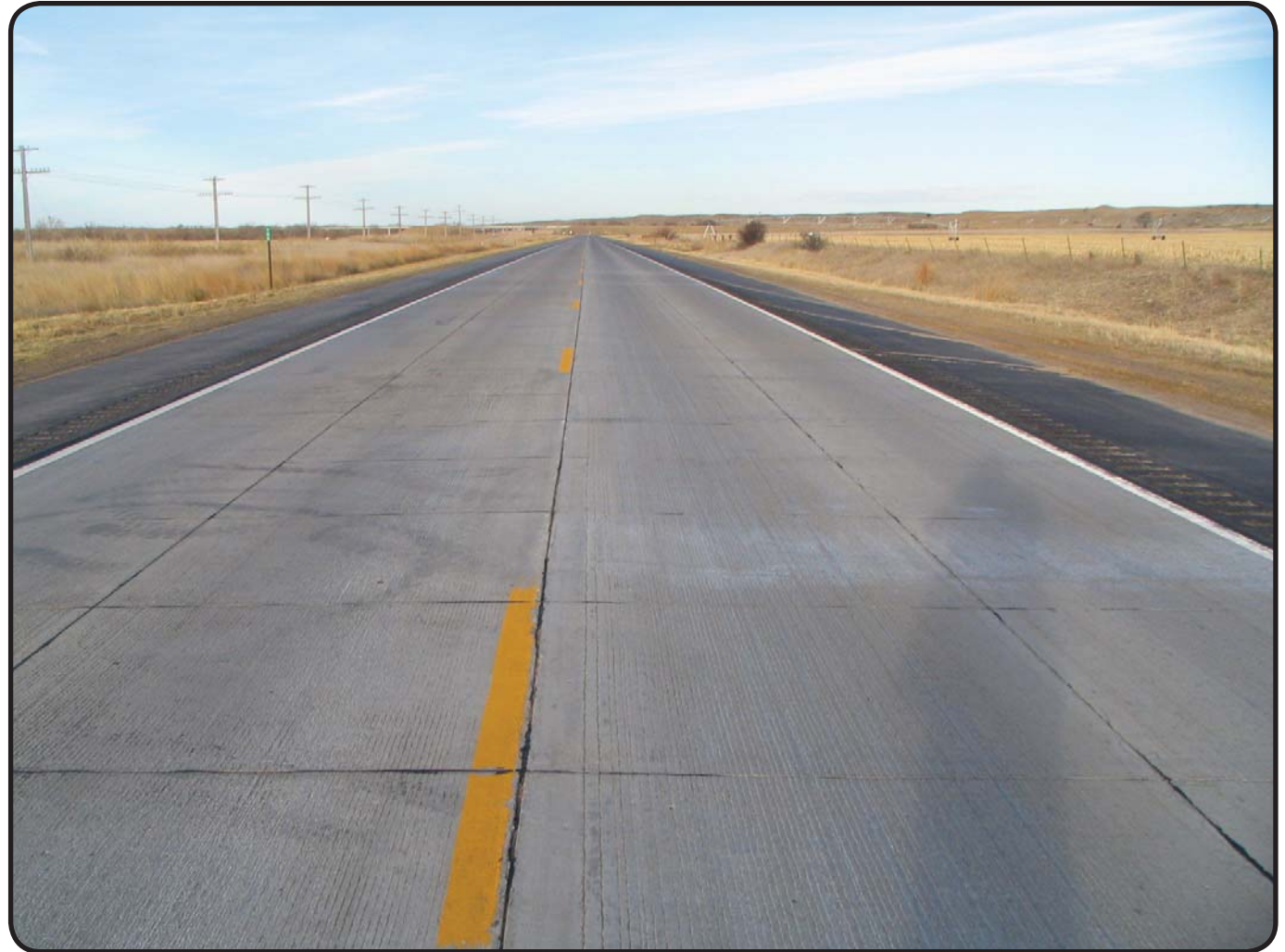
For more information about durable, environmentally friendly concrete, long lasting and low maintenance concrete overlays, contact:



Bill Cook, P.E. Email: bcook@nebrconc.org

Nebraska Concrete Paving Association

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