

Driveways to Highways!

APRIL 2003



HEARTLAND

ASPHALT, INC.

HEARTLAND ASPHALT IS A FULL SERVICE ASPHALT CONSTRUCTION COMPANY BASED IN MASON CITY, IA. HEARTLAND ASPHALT SERVES A 15 COUNTY AREA IN NORTH CENTRAL IOWA BUILDING QUALITY HOT MIX ASPHALT PAVEMENTS FOR STATE, COUNTY, MUNICIPAL, COMMERCIAL, AND PRIVATE CUSTOMERS. OUR CAPABILITIES INCLUDE DESIGN LAYOUT, EXCAVATION, BASE PREPARATION, CONSTRUCTION OF NEW PAVEMENTS, AS WELL AS, REHABILITATION AND MAINTENANCE OF EXISTING PAVEMENTS.

DID YOU KNOW?
Crack and Seat Method saved 40% of the cost of PCC reconstruction and took only 3 days to complete.



IN 1993, MASON CITY decided to try a new method of rehabilitating concrete streets called 'Crack and Seat'. The process is fast, economical, and allows the roadway to remain open during construction.

The deteriorating Fourth Street frontage road along Highway 122 that serves such businesses as Perkins and Days Inn was chosen for the new process. Using Crack and Seat, with a hot mix asphalt overlay, the 1200-foot section, deteriorating due to structural failures and faulting, was reconstructed.

Five years later a few reflective cracks appeared in the surface and these were routed and filled with an elastomeric hot pour sealant. The number of cracks were about one fifth of what would normally have appeared in a conventional PCC overlay.

To date this is the only maintenance needed on this section of frontage road, and after ten years the surface is as smooth as the day it went down.

"...Considering the amount of traffic, the road surface has stood up very well."
Dirk Jablonski
City Engineer
Mason City