

Concrete Results

The Challenge

In 2009, the 79,000 ft² parking lot at Armar Plaza in Marion, Iowa was in serious need of rehabilitation. Deep wheel ruts ran across the soft asphalt, while a web of cracks had spread over its surface.

The Solution

The contractor covered the existing asphalt with a 4-inch concrete overlay, using a Truss Screed placement at 4000 psi with cellulose fiber for increased structural integrity. Joint spacing was 8' using an early entry, thin-blade saw.

The Results

With the refreshed, upscale appearance at this high profile mall, a number of other business owners are now investigating a concrete overlay for their locations.



Armar Plaza
Marion, IA 52302

Design Factors:

- Deep ruts in existing asphalt
- Soft, broken asphalt surface layer

Concrete Placement:

- 4000 psi w/ cellulose fiber
- Truss Screed placement
- Early entry, thin-blade saw
- 8' OC joint spacing

