

# PAVING SUBDIVISION

## CANTER FARMS SUBDIVISION

64464 MOUND RD, WASHINGTON, MI

**Concrete Contractor:** Florence Cement Company

**Project Owner:** Hox Investment

The Canter Farms Subdivision in Washington Township demonstrates the technical execution and long-term value of concrete pavement for residential roadway construction. Initially, the developer requested pricing for a traditional asphalt roadway; however, Florence Cement engaged with the project team to outline the lifecycle cost advantages, durability, and reduced maintenance associated with concrete pavement. Based on these discussions, the developer elected to construct a full-width, 7-inch concrete roadway to achieve improved long-term performance and overall value.

The one-mile subdivision roadway was designed with a 24-foot-wide pavement section and incorporated curb and gutter only at the eyebrow radii, resulting in a distinctive open-ditch concrete subdivision road. This configuration required careful attention to grading, drainage, and edge support to ensure structural integrity while maintaining the intended neighborhood aesthetics.

To support construction efficiently, Florence Cement operated an on-site batch plant, producing approximately 3,300 cubic yards of project-specific concrete. On-site production enhanced quality control, ensured material consistency, and reduced logistical challenges, contributing to a smooth and efficient paving operation. Concrete placement was completed using a Gomaco 2400 slipform paver equipped with Smart Steering Technology and Xtreme Steering. These advanced systems allowed the paver to navigate the eyebrow radii without gapping the pavement, improving continuity, reducing hand work, and increasing both production efficiency and pavement durability.

In addition to the subdivision streets, Florence Cement constructed 9-inch-thick concrete pavement within the public right-of-way for the deceleration and bypass lanes along Mound Road, further demonstrating the firm's ability to deliver high-quality concrete pavement across varying roadway types and design requirements.

