

March 14, 2025

Mayor Jacque and City Council Members
City of Dyersville
Memorial Building
340 1st Avenue East
Dyersville, IA 52040

RE: Discussion and Possible Action for 1st Avenue West Roadway Project

Dear Honorable Mayor Jacque and Council Members:

I am writing to inform you about the recent discussions and recommendations made by the Public Works Committee regarding the improvements to 1st Avenue W, specifically the section west of the roundabout.

Project Background: The 1st Avenue W - Roundabout Project aims to enhance the roadway from the city limits line (east of the viaduct) to the intersection with 330th Avenue (roundabout), covering approximately 1.4 miles. This section of the roadway has a rich history, having been part of US Route 20 and later transferred to Delaware County before becoming part of the City of Dyersville in 2006. Over the years, the pavement has undergone various treatments, including asphalt overlays and slurry leveling.

Current Conditions: The existing pavement, last resurfaced in 1995, is now showing significant signs of wear and tear, including multiple cracks and potholes. Despite regular maintenance, surface degradation has made for a rough ride in certain areas, although the foundation remains in relatively good condition. The Average Annual Daily Traffic (AADT) is estimated at 1,080 vehicles per day, with an increase in traffic expected due to the opening of BARD's sand pit along the south side of the roadway.

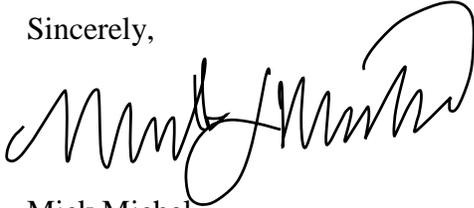
Committee Recommendation: After carefully considering various improvement options, the Public Works Committee recommends proceeding with a 2-inch Hot-Mixed Asphalt (HMA) Overlay. This approach involves applying a ½-inch "scratch leveling" course and a 1-1/2-inch surface course. Given the current funding constraints, the 2-inch HMA Overlay is expected to last 15 years or more and is a cost-effective solution. There are several reasons why the committee made this selection:

1. *Cost-Effectiveness.* It offers a balance between cost and longevity, making it a practical choice for the city's budget.
2. *Minimal Disruption.* The overlay process is relatively quick and will cause minimal disruption to traffic and local businesses.

3. *Improved Safety.* Addressing the surface degradation will enhance the safety and ride quality for all roadway users.

This recommendation aligns with the city's goals of maintaining and improving infrastructure while being mindful of budgetary constraints. Thank you for your attention to this matter. Please feel free to reach out if you have any questions or require further information.

Sincerely,

A handwritten signature in black ink, appearing to read 'Mick Michel', written in a cursive style.

Mick Michel
City Administrator