

## SCOTT COUNTY ENGINEER'S OFFICE

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### MEMO

TO: Mahesh Sharma  
County Administrator

FROM: Angie Kersten, P.E.  
County Engineer

SUBJ: Slurry Leveling Project on 210<sup>th</sup> Street

DATE: March 6, 2023

Through a 28E Intergovernmental Agreement with the City of Davenport, our department has maintenance responsibilities of 210<sup>th</sup> Street from ~0.2 miles east of Maysville Road east to Hwy 130. The City of Davenport has jurisdiction on the south side of the road and Scott County has jurisdiction on the north side of the road.

In 1998, the existing gravel road was built up with a macadam base and surfaced with a seal coat. In 2007, the road was surfaced with 1.5 inches of asphalt. Over the past 16 years, the road has deteriorated and is in need of rehabilitation. We reached out to the City of Davenport to discuss funding of a rehabilitation project for this road. At this time, they do not have funds available for that type of project.

We evaluated pavement treatments that could extend the life of the existing pavement until funds are available for a rehabilitation project. The existing road has widespread cracking and rutting in the wheel paths. The pavement deterioration varies in severity throughout the length of the road. The selected pavement maintenance consists of scrub sealing the map cracking in the wheel tracks, slurry leveling the wheel ruts, and potentially scrub sealing the entire road surface.

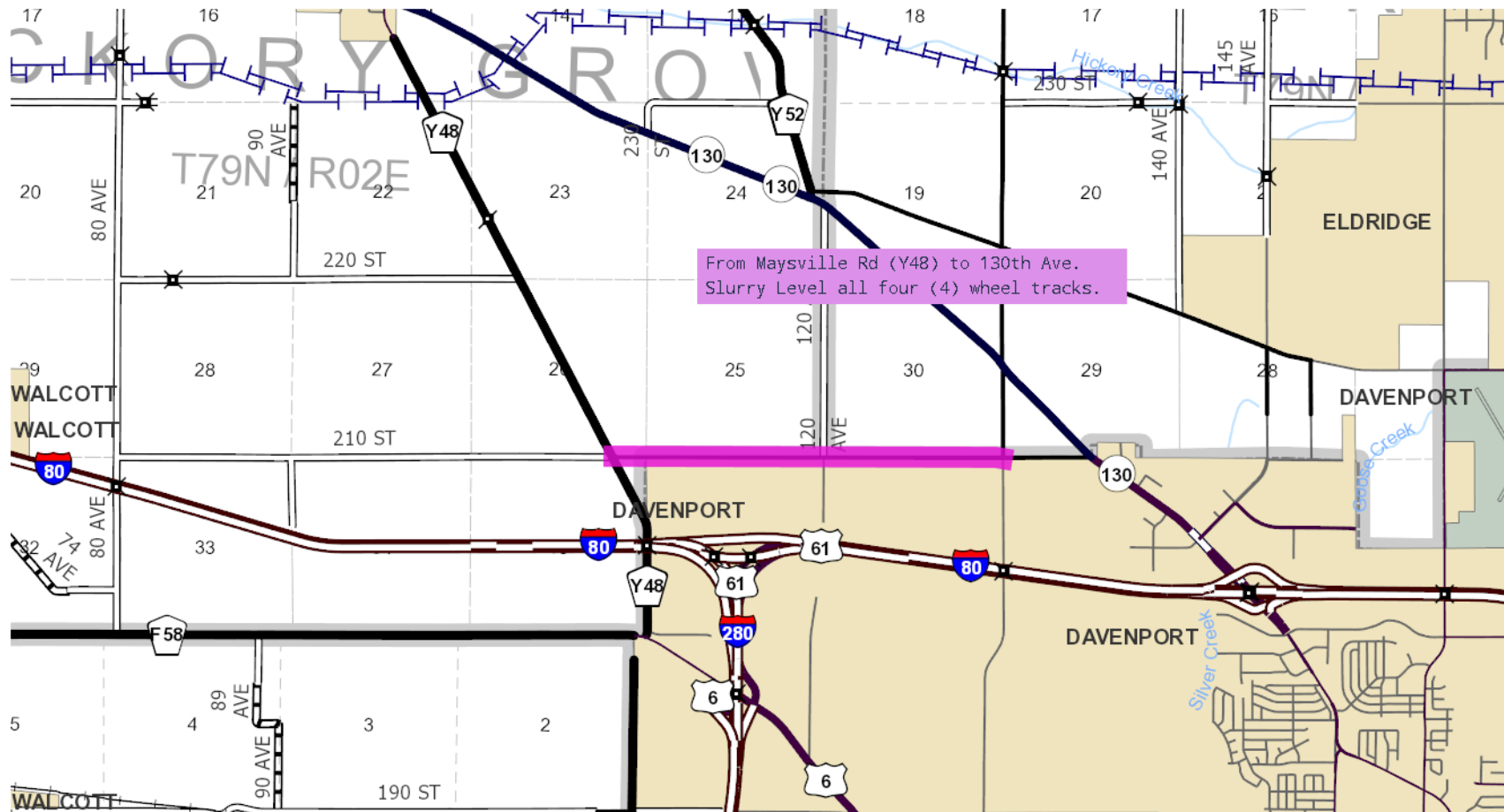
Last fall, we contracted with Denco Highway Construction Corporation to complete the scrub sealing in the wheel tracks for the section of road with the most severe map cracking and rutting (Maysville Road east to 120<sup>th</sup> Avenue). The scrub seal was performed to prevent the future slurry seal from adhering to larger cracks as it hardens, becomes brittle over time, and then break apart as those cracks expand and contract. However, it was cost prohibitive to scrub seal the wheel ruts for the entire length of road (~\$50,000/mile). Additionally, this was the first scrub seal project performed on our road system and we are uncertain of how well it will perform.

At this time we are targeting completion of the slurry leveling in the wheel ruts from Maysville Road east to Hwy 130 (~2.7 miles). This will allow us to evaluate the performance of the slurry leveling with and without scrub sealing the map cracking within the wheel ruts.

Quotes were solicited on Public Purchase. Additionally, a request for quotes was directly emailed to asphalt pavement maintenance contractors listed on our Iowa County Engineer Service Bureau website. The following quotes were received:

Denco Highway Construction Corp., Mingo, IA:	\$102,895.75
Microsurfacing Contractors, East Peoria, IL:	\$151,162.00
Astech Corp., St. Joseph, MN:	\$180,684.00

I recommend entering into a contract with Denco Highway Construction Corporation contingent on the unit prices submitted in their quote. The final cost will be based on actual quantities placed. Depending on the quantity of prior contracted crack filling that is completed this spring, I may need to request an increase in budget for this project with the May budget amendment. We presently have \$200,000 remaining in our FY2023 budget for asphalt pavement maintenance. We have sufficient fund balance to utilize towards funding this project. Included with this memo is a project location map.



Feature Key

Earth	Gravel	Seal Coat	County Pavement	State Pavement
Divided Hwy	Water	City	Township	Railroad
Bridge	County Hwy	State Hwy	US Hwy	



THE COUNTY AUDITOR'S SIGNATURE CERTIFIES THAT  
THIS RESOLUTION HAS BEEN FORMALLY APPROVED BY  
THE BOARD OF SUPERVISORS ON \_\_\_\_\_.

DATE

\_\_\_\_\_  
SCOTT COUNTY AUDITOR

R E S O L U T I O N

SCOTT COUNTY BOARD OF SUPERVISORS

March 16, 2023

AWARD OF CONTRACT FOR SCOTT COUNTY SECONDARY ROADS SLURRY  
LEVELING PROJECT ON 210<sup>TH</sup> STREET FROM MAYSVILLE ROAD TO HWY

130

BE IT RESOLVED by the Scott County Board of Supervisors as  
follows:

Section 1. That the contract for Slurry Level Project on 210th  
Street from Maysville Road to Hwy 130 be awarded to  
Denco Highway Construction Corporation  
contingent on the submitted unit prices.

Section 2. That the County Engineer be authorized to sign  
the contract documents on behalf of the Board.

Section 3. That this resolution shall take effect  
immediately.