

**SCOTT COUNTY ENGINEER'S OFFICE**

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MEMO

TO: Mahesh Sharma  
County Administrator

FROM: Angie Kersten, P.E.  
County Engineer

SUBJ: Hot Mix Asphalt (HMA) Pavement Transverse Joint Repair Maintenance Project

DATE: September 8, 2020

The Scott County Secondary Roads Department requested quotes for repairing faulted transverse HMA pavement joints on 240<sup>th</sup> Street (F45) between 180<sup>th</sup> Avenue and 210<sup>th</sup> Avenue. The existing transverse joints are separated and depressed, severely affecting the quality of ride. The wide joints allow water and salt to easily infiltrate into the road base causing further deterioration.

Quotes were solicited from four contractors that perform HMA pavement maintenance services. There are several different methods and products used for repairing faulted transverse joints. The contractors were asked to evaluate the road and provide a quote for the type of repair they recommend and can perform. Each contractor quoted a different product to be used.

The following quotes were received:

<u>Contractor</u>	<u>Cost</u>	<u>Product</u>
Bargen Incorporated, Mountain Lake, MN:	\$46,625.00	(Maxwell – Gap-Mastic)
Denco Highway Construction Corp., Mingo, IA:	\$16,890.50	(CSS-1H Emulsion Slurry Leveling)
Manatts, Inc., Camanche, IA:	\$38,610.00	(Crafco – Mastic One)
Pate Asphalt Systems, Marion, IA:	NO BID	

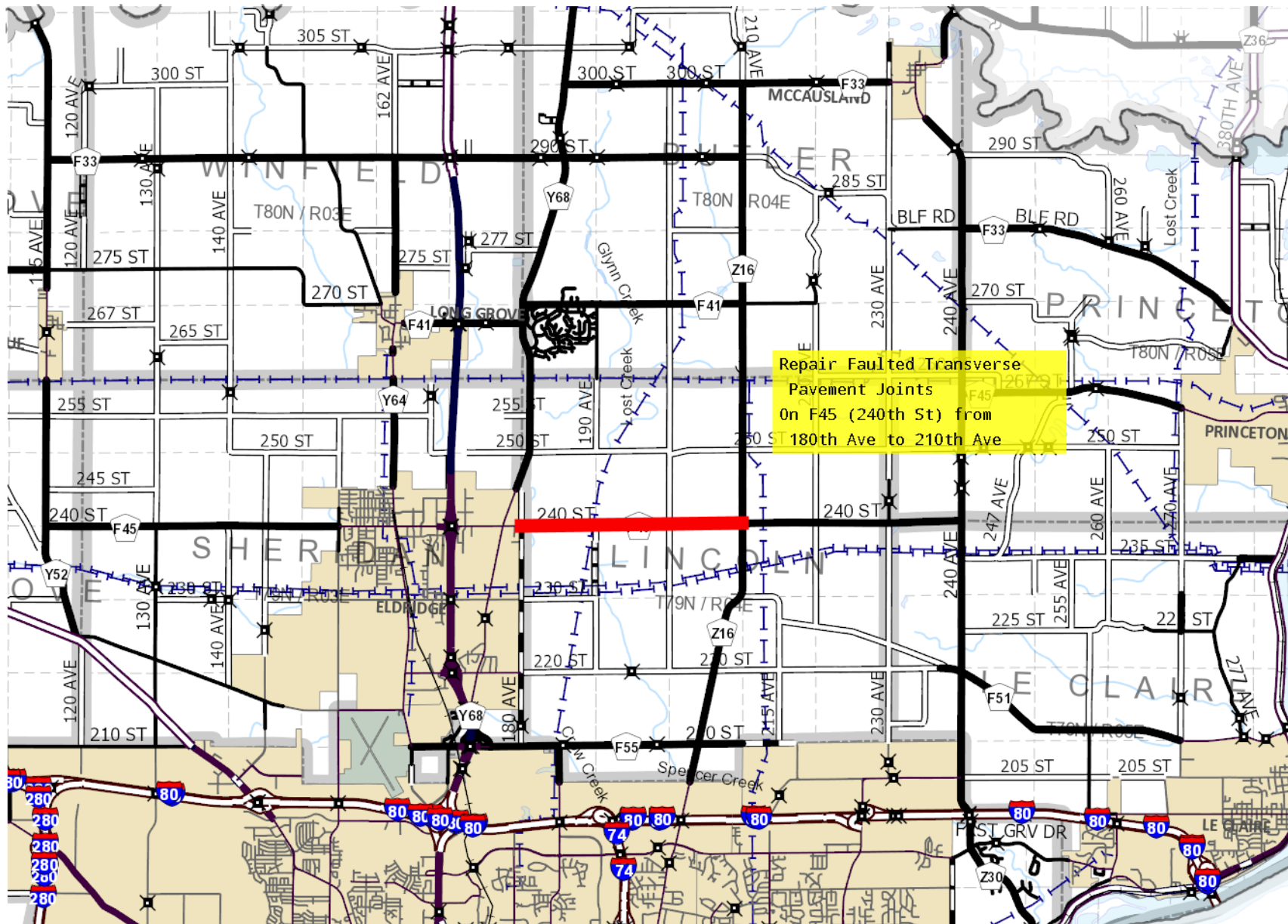
I recommend entering into a contract with Bargen Incorporated contingent on the unit prices submitted in their quote. The product they recommend is a rubberized hot pour patching material that is designed to repair wide cracks and depressed broken-up areas in HMA pavement surfaces. The cracks will be cleaned of debris, sprayed with a tack coat, and sealed with the hot pour patching material. We have used all of the quoted products for similar repairs on our roads and the product proposed by Bargen Incorporated is performing the best.

The final cost will be based on actual quantities placed. We have approximately \$325,000 remaining in our FY2021 budget for HMA pavement maintenance. Included with this memo is a project location map.

# F45 Transverse Joint Repair Project

Scott - ICEASB Easy Map

2:05 PM, Thu, Sep 3, 2020



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

September 17, 2020

AWARD OF CONTRACT FOR SCOTT COUNTY SECONDARY ROADS HMA TRANSVERSE  
JOINT REPAIRS ON 240<sup>TH</sup> STEET FROM 180<sup>TH</sup> AVENUE TO 210<sup>TH</sup> AVENUE

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

Section 1. That the contract for HMA Transverse Joint Repairs  
on 240<sup>th</sup> Street from 180<sup>th</sup> Avenue to 210<sup>th</sup> Avenue be  
awarded to Bargen Incorporated 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.