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Assistant County EngineerTARA YOUNGERS  
Senior Administrative Assistant

## MEMO

TO: Mahesh Sharma  
County AdministratorFROM: Angie Kersten, P.E.  
County Engineer

SUBJ: Hot Mix Asphalt (HMA) Pavement – Crack Sealing and Crack Filling

DATE: May 18, 2021

The Scott County Secondary Roads Department requested quotes for sealing and/or filling faulted HMA pavement joints and cracks on several sections of secondary roads. Wide pavement joints and cracks allow water and salt to easily infiltrate into the road base causing further deterioration and can severely affect the quality of ride.

Quotes were directly solicited from local contractors that perform HMA pavement maintenance services. In addition, the request for quotes was posted in the Iowa Department of Transportation and Association of General Contractors letting bulletins.

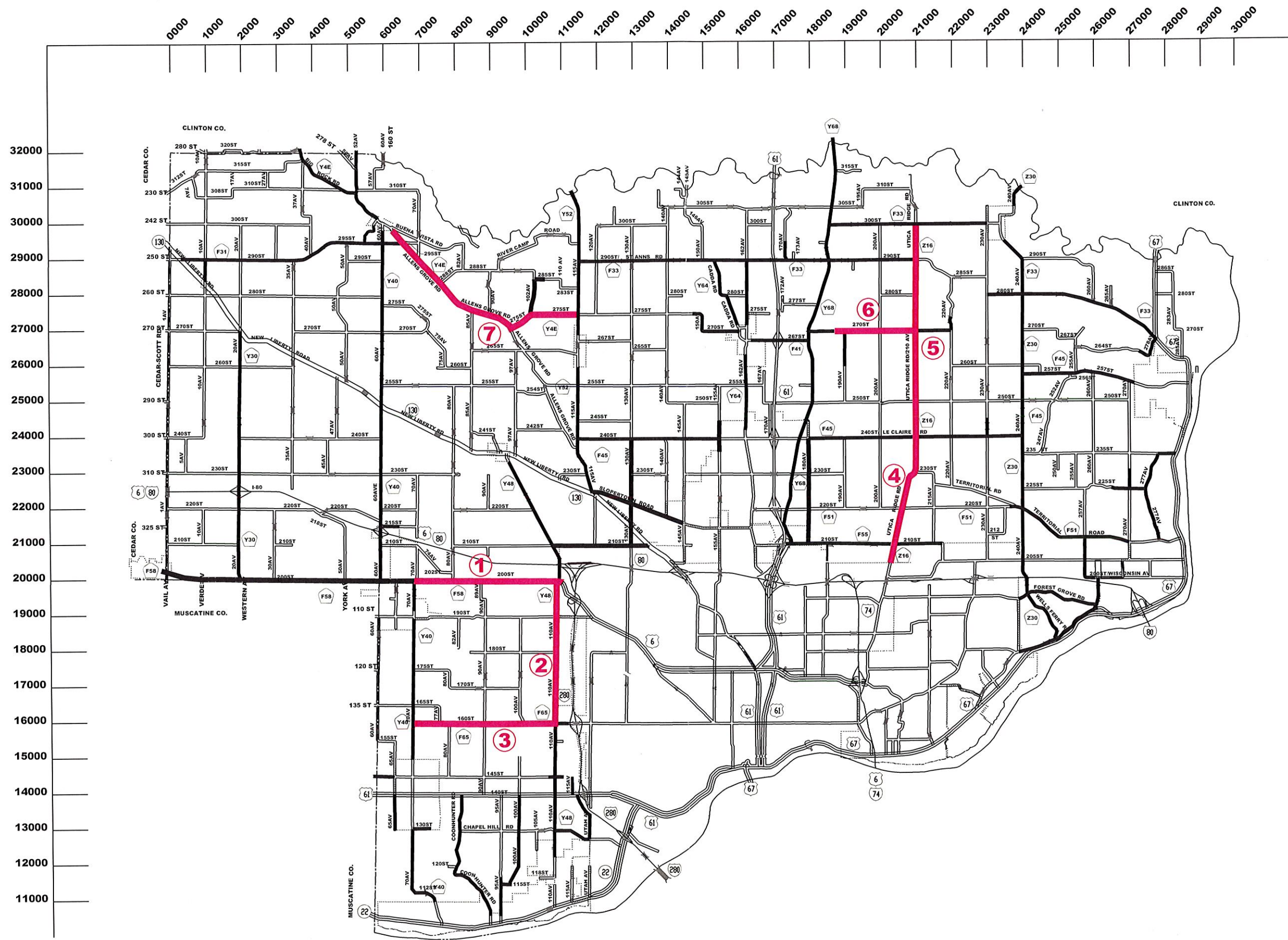
The following quotes were received:

Scott County 2021 Crack Sealing						
				Bargen Inc.	Gee Asphalt Systems	Manatt's Inc.
No	Crack Seal Item	Qty	Unit	Unit Price (\$/mi)	Unit Price (\$/mi)	Unit Price (\$/mi)
1	F58 / 200th Street: from Walcott east corporate limit (70th Ave) to Y48	4.09	Miles	13,234.23	4,883.86	no bid
2	Y48 / 110th Avenue: from F58 to F65	4.02	Miles	5,758.01	1,835.00	2,271.66
3	F65 / 160th Street: from Y40 to Y48	4.01	Miles	13,809.35	5,405.00	3,794.70
4	Z16 / Utica Ridge Road: from north Corporate Limit of Davenport to F45	3.71	Miles	10,382.71	3,551.00	4,507.06
5	Z16 / Utica Ridge Road: from F45 to F33	6.01	Miles	18,392.18	3,535.00	3,141.59
6	270 <sup>th</sup> Street: from Scott County Park Entrance (west of 190 <sup>th</sup> Avenue) to Z16	2.08	Miles	34,560.00	4,080.00	2,947.58
7	Y4E (Allens Grove Rd): from east Corporate Limit of Dixon to Y52	6.51	Miles	18,427.42	6,528.00	8,212.16

<b>Scott County 2021 Crack Filling</b>				
<b>No</b>	<b>Crack Fill Item</b>	<b>Qty</b>	<b>Unit</b>	<b>Denco Corp. Unit Price (\$/mi)</b>
1	F58 / 200th Street: from Walcott east corporate limit (70th Ave) to Y48	4.09	Miles	9,168.00
2	Y48 / 110th Avenue: from F58 to F65	4.02	Miles	4,668.00
3	F65 / 160th Street: from Y40 to Y48	4.01	Miles	4,679.00
4	Z16 / Utica Ridge Road: from north Corporate Limit of Davenport to F45	3.71	Miles	6,735.00
5	Z16 / Utica Ridge Road: from F45 to F33	6.01	Miles	8,316.00
6	270 <sup>th</sup> Street: from Scott County Park Entrance (west of 190 <sup>th</sup> Avenue) to Z16	2.08	Miles	6,000.00
7	Y4E (Allens Grove Rd): from east Corporate Limit of Dixon to Y52	6.51	Miles	9,599.00

Based on the severity and types of cracks on each of the road segments, I recommend entering into a contract with Denco Corporation to perform crack filling on Road Section No. 7 and to enter into a contract with Gee Asphalt Systems for crack sealing on Road Sections No. 1-6. The total cost to perform all work as recommended is estimated to be \$154,421.19. The unit price per mile is based on an estimated linear feet of cracks and is subject to change during completion of the work. The final cost will be based on actual quantities placed. We have approximately \$342,000 remaining in our FY2021 budget for HMA pavement maintenance. Unexpended dollars will be carried over into FY2022 and accounted for in a future budget amendment. Included with this memo is a project location map.

# 2021 Crack Sealing



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

May 27, 2021

AWARD OF CONTRACTS FOR HMA CRACK SEALING AND FILLING ON  
SCOTT COUNTY SECONDARY ROADS

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

Section 1. That the contract for crack sealing on Scott  
County Secondary Roads in Calendar Year 2021 be  
awarded to Gee Asphalt Systems contingent on the unit  
prices listed in the contract.

Section 2. That the contract for crack filling on Scott  
County Secondary Roads in Calendar Year 2021 be  
awarded to Denco Corporation contingent on the unit  
prices listed in the contract.

Section 3. That the County Engineer be authorized to sign

the contract documents on behalf of the Board.

Section 4. That this resolution shall take effect  
immediately.