

SCOTT COUNTY ENGINEER'S OFFICE

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JON R. BURGSTRUM, P.E.
County Engineer

BECKY WILKISON
Administrative Assistant

MEMO

TO: Dee F. Bruemmer
County Administrator

FROM: Jon Burgstrum
County Engineer

SUBJ: Crack filling bids

DATE: June 5, 2014

It has been some time since we have done any major crack filling on our asphalt roads. We have done some with our own crews but we are not equipped to do any substantial quantities. We have evaluated our roads and have a lot of cracks out there. Because of the high costs of rehabilitation of our asphalt roads and the limited funding that we are experiencing, we have been doing more preservation work to keep our pavements in good shape. Our first line of defense against deterioration is to fill the cracks to prevent water from infiltrating the sub base. We have estimated the lineal footage of cracks on a road by road basis and we have received bids to route and fill the cracks.

Because of the large amount of cracks we have asked the contractors to give us prices for FY14, FY15, and FY16. If, for whatever reason all the projects cannot be completed by the end of FY16 we will negotiate a price for the remaining work and any additional work to be done in FY17 with the same contractor. If there are substantial increases in fuel costs a fuel surcharge may be added.

The bids are as follows:

Illowa Investments

Road	Miles	LF of cracks	FY14	FY15	FY16
Y4E Dixon to Big Rock	3.00	35,000.00	0.62	0.64	0.67
F58 Walcott to Y48	5.00	29,100.00	0.55	0.57	0.60
Y40 Blue Grass to Walcott	4.50	32,100.00	0.54	0.56	0.60
Y40 F58 to Dixon	9.30	62,500.00	0.62	0.64	0.67
F51	3.50	13,240.00	0.90	0.92	0.95
F45 Z30 to Princeton	3.90	78,000.00	0.44	0.46	0.50
F45 Z16 to Z30	3.00	21,100.00	0.65	0.67	0.70
Y30	7.00	98,500.00	0.44	0.46	0.50
Y52	8.45	102,500.00	0.48	0.50	0.53
F45 Y52 to Eldridge	4.00	58,400.00	0.55	0.57	0.60
Y64 Eldridge to Long Grove	1.90	5,200.00	0.80	0.82	0.85

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Determann Asphalt

Road	Miles	LF of cracks	FY14	FY15	FY16
Y4E Dixon to Big Rock	3.00	35,000.00	0.65	0.70	0.75
F58 Walcott to Y48	5.00	29,100.00	0.58	0.63	0.68
Y40 Blue Grass to Walcott	4.50	32,100.00	0.58	0.63	0.68
Y40 F58 to Dixon	9.30	62,500.00	0.65	0.70	0.75
F51	3.50	13,240.00	0.92	0.97	1.02
F45 Z30 to Princeton	3.90	78,000.00	0.63	0.68	0.73
F45 Z16 to Z30	3.00	21,100.00	0.58	0.63	0.68
Y30	7.00	98,500.00	0.50	0.55	0.60
Y52	8.45	102,500.00	0.50	0.55	0.60
F45 Y52 to Eldridge	4.00	58,400.00	0.58	0.63	0.68
Y64 Eldridge to Long Grove	1.90	5,200.00	0.92	0.97	1.02

LL Pelling Co.

Road	Miles	LF of cracks	FY14	FY15	FY16
Y4E Dixon to Big Rock	3.00	35,000.00	0.72	0.74	0.76
F58 Walcott to Y48	5.00	29,100.00	0.72	0.74	0.76
Y40 Blue Grass to Walcott	4.50	32,100.00	0.72	0.74	0.76
Y40 F58 to Dixon	9.30	62,500.00	0.70	0.72	0.74
F51	3.50	13,240.00	0.89	0.98	1.05
F45 Z30 to Princeton	3.90	78,000.00	0.68	0.72	0.74
F45 Z16 to Z30	3.00	21,100.00	0.80	0.82	0.84
Y30	7.00	98,500.00	0.65	0.70	0.72
Y52	8.45	102,500.00	0.62	0.66	0.68
F45 Y52 to Eldridge	4.00	58,400.00	0.65	0.69	0.71
Y64 Eldridge to Long Grove	1.90	5,200.00	1.00	1.00	1.08

I recommend accepting the bid from Illowa Investment. If we did all of the work in FY14 the cost would be \$282,870.00. We plan to spread the work as evenly as possible over FY15 and FY16 and if there is time, still get some done yet this fiscal year. Because there will be only a couple of weeks left in this fiscal year there is only one project that could be completed but we could start a larger one at one price and finish it at another but that is not ideal. We have \$105,000 left in this year's budget for this work. We budget \$200,000 in FY2015 for asphalt repair, but bear in mind that we do other repair work during the year on that budgeted amount. I anticipate around \$100,000 in crack filling each year.

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

June 5, 2014

AUTHORIZATION FOR COUNTY ENGINEER TO SIGN THE CONTRACT FROM
ILLOWA CULVERT FOR CRACK FILLING WORK IN SCOTT COUNTY.

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

SECTION 1. That the County Engineer be authorized
to sign the contract for crack filling work to be
done in Scott County.

SECTION 2. That this resolution shall take effect immediately.