CITY OF URBANA, ILLINOIS DEPARTMENT OF PUBLIC WORKS

ENGINEERING DIVISION

MEMORANDUM

TO:

Mayor Diane Wolfe Marlin and Member of the City Council

FROM:

Tim Cowan, Interim Public Works Director and City Engineer

Shannon Beranek, Civil Engineer

DATE:

June 21, 2021

RE:

SUPPLEMENTAL STATE MOTOR FUEL TAX RESOLUTION FOR

LINCOLN AVENUE / SPRINGFIELD AVENUE RESURFACING PROJECT

Introduction

This project includes hot-mix asphalt surface removal and replacement, pavement patching, curb and gutter removal and replacement, sidewalk patching, ADA compliant curb ramps, median removal and replacement, and other miscellaneous work generally along Lincoln Avenue between Green Street and University Avenue. This project was originally budgeted in the Capital Improvement Plan (CIP) for FY 2020 but has yet to be completed.

In March State Motor Fuel Tax (SMFT) funds were resolved to be spent for the construction and construction engineering services related to these improvements via Resolution 2021-03-009R (attached).

Financial Impact

The original CIP had \$1,974,000 appropriated from SMFT for FY 2020, which has not yet been spent but has been moved forward to FY 2021 and will roll into FY 2022. However, based on our recent bid opening we have not allocated sufficient funds to complete this project. It appears that the volatility in material pricing and labor availability from the COVID pandemic may have impacted the overall bid costs based on review of other recently review bidding activity. See summary of proposed costs and revisions below:

	Original Budget	Bid/Proposal Costs	Recommended Revised Budget
Construction	\$2,000,000.00	\$2,331,094.63	\$2,450,000.00
Construction Engineering	\$200,000.00	\$123,500.00	\$150,000.00
Total	\$2,200,000.00	\$2,454,594.63	\$2,600,000.00

The overage appears to be linked to a handful of pay items associated with the project. Due to the critical nature of some of these pay items, they cannot simply be deleted from the contract. Unfortunately, the most critical pay items (comprising about 25% of the total construction costs) for this project are those associated with hot-mix asphalt binder course and surface courses and the unit costs for those pay items appear to have inflated by somewhere between 25-35% compared to other construction bids in this area from early 2020.

The FY22 Budget and Capital Improvement Plan (CIP) have both been updated to reflect the increased monetary needs of the Lincoln and Springfield Resurfacing Project so there is no foreseeable need to also require a budget amendment to reflect the change in cost of the project.

Recommendation

This stretch of roadway has warranted rehabilitation for some time now as this project design began in 2017 but was never completed due to staff turnover. Delaying the construction of this project is not recommended based on the high likelihood of failure of this section (based on poor pavement condition) and the high consequence of failure (based on the high traffic volume of this roadway).

Staff recommends that the attached supplemental Resolution for Improvement Under the Illinois Highway Code be approved for the amount of \$400,000.00 for the Lincoln and Springfield Resurfacing Project to cover the total anticipate construction costs, construction engineering services, and reasonable construction contingency.

Alternatively the council could opt to not approve this resolution, in which case we would not be making a recommendation for award of this contract due to insufficient authorized funds. We could attempt to rebid but I am not confident that we are going to see a significant price reduction any time soon. This is a good example of how long-time deferred maintenance, major rehabilitation, and capital improvements minimize the City's flexibility in decision making.

Attachment:

New-Resolution for Improvement Under the Illinois Highway Code

Resolution 2021-03-09R - Resolution for Improvement Under the Illinois Highway Code

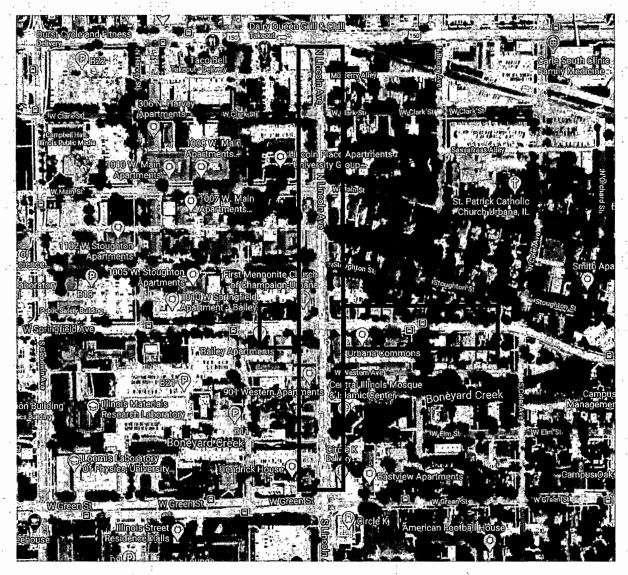
Location Map of Proposed Improvements



Resolution for Improvement Under the Illinois Highway Code



Is this project a bondable capital improvement?			Resolution	Туре	Resolution Number	r Section	Number
⊠ Yes □ No			Supplem	ental :		17-005	92-00-RS
BE IT RESOLVED, by the Council				of the C			
	ning Body T					blic Agency T	
of Urbana Name of Local Public Agency		nois tha	at the followi	ng describ	ed street(s)/road(s)/s	structure be	improved under
the Illinois Highway Code. Work shall be done by		ct or Day	Labor .		•		
For Roadway/Street Improvements:			<u> </u>		<u> </u>		
Name of Street(s)/Road(s)	Length (miles)		Route		From		То
Lincoln Avenue	0.36	FAU 7			en Street		rsity Avenue
Springfield Avenue	0.21	FAU 7	7124	W of Col	ler Avenue	E of Grego	ory Street
For Structures:							
Name of Street(s)/Road(s)	Exist Structur		Route		Location	Featu	ire Crossed
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of the Department of Transportation.	,			` '	•		
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of Urbana Name of Local Public Agency	ir	n the St	ate aforesai	d, and kee	eper of the records ar	nd files there	eof, as provided by
statute, do hereby certify the foregoing to be a tru	ie, perfect	and co	mplete origi	nal of a res	solution adopted by		
Council of Ur	bana				at a meeting held	on June 28	3. 2021
Governing Body Type		e of Loc	al Public Age	ncy	_		Date
IN TESTIMONY WHEREOF, I have hereunto set	my hand	and sea	al thisDay	day of _	Month, Year	·	
(SEAL)		Clerk S	Signature				
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						·	
		Pagior	nal Engineer		Approved		
		-	tment of Tra		n		Date _



Project Location Map

Lincoln & Springfield Resurfacing

Lincoln Ave - Green Street to University Avenue

Springfield Ave - Gregory Street to Coler Avenue

City of Urbana



Resolution for Improvement Under the Illinois Highway Code



Is this project a bondable capital improvement?			Resolution	Туре	Resolution Number	er Section Number
⊠ Yes □ No			Original		2021-03-009	R 17-00592-00-RS
BE IT RESOLVED, by the Council				of the Ci	ty	
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Springfield Avenue	0.21	FAU	7124	W of Col	er Avenue	E of Gregory Street
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BLR 09110 (Rev. 05/08/20)