



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?

Yes No

Resolution Type	Resolution Number	Section Number
Supplemental		17-00592-00-RS

BE IT RESOLVED, by the Council of the City

Urbana of Urbana Illinois that the following described street(s)/road(s)/structure be improved under the Illinois Highway Code. Work shall be done by Contract

Contract or Day Labor

For Roadway/Street Improvements:

Name of Street(s)/Road(s)	Length (miles)	Route	From	To
Lincoln Avenue	0.36	FAU 7177	N of Green Street	S of University Avenue
Springfield Avenue	0.21	FAU 7124	W of Coler Avenue	E of Gregory Street

For Structures:

Name of Street(s)/Road(s)	Existing Structure No.	Route	Location	Feature Crossed

BE IT FURTHER RESOLVED,

1. That the proposed improvement shall consist of

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.

2. That there is hereby appropriated the sum of Four hundred thousand and 00/100

Dollars (\$400,000.00) for the improvement of

said section from the Local Public Agency's allotment of Motor Fuel Tax funds.

BE IT FURTHER RESOLVED, that the Clerk is hereby directed to transmit four (4) certified originals of this resolution to the district office of the Department of Transportation.

I, Phyllis D. Clark City Clerk in and for said City

of Urbana in the State aforesaid, and keeper of the records and files thereof, as provided by statute, do hereby certify the foregoing to be a true, perfect and complete original of a resolution adopted by

Council of Urbana at a meeting held on June 28, 2021

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this Day day of Month, Year

(SEAL)

Clerk Signature	Date

Approved

Regional Engineer Department of Transportation	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?

Yes No

Resolution Type	Resolution Number	Section Number
Original	2021-03-009R	17-00592-00-RS

BE IT RESOLVED, by the Council of the City of Urbana Illinois that the following described street(s)/road(s)/structure be improved under the Illinois Highway Code. Work shall be done by Contract

Governing Body Type Local Public Agency Type
Name of Local Public Agency
Contract or Day Labor

For Roadway/Street Improvements:

Name of Street(s)/Road(s)	Length (miles)	Route	From	To
Lincoln Avenue	0.36	FAU 7177	N of Green Street	S of University
Springfield Avenue	0.21	FAU 7124	W of Coler Avenue	E of Gregory Street

For Structures:

Name of Street(s)/Road(s)	Existing Structure No.	Route	Location	Feature Crossed

BE IT FURTHER RESOLVED,

1. That the proposed improvement shall consist of

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.

2. That there is hereby appropriated the sum of Two Million Two Hundred Thousand and 00/100 Dollars (\$2,200,000.00) for the improvement of said section from the Local Public Agency's allotment of Motor Fuel Tax funds.

BE IT FURTHER RESOLVED, that the Clerk is hereby directed to transmit four (4) certified originals of this resolution to the district office of the Department of Transportation.

I, Phyllis D. Clark City Clerk in and for said City

Name of Clerk Local Public Agency Type Local Public Agency Type

of Urbana in the State aforesaid, and keeper of the records and files thereof, as provided by statute, do hereby certify the foregoing to be a true, perfect and complete original of a resolution adopted by

Council of Urbana at a meeting held on March 8, 2021

Governing Body Type Name of Local Public Agency Date

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 9th day of March, 2021



Clerk Signature: Phyllis D. Clark Date: 3/9/2021

Approved

Regional Engineer
Department of Transportation

[Signature] Date: 03/17/21

Ayes: Brown, Colbrook, Hursey, Miller, Roberts, Sacks, Wu
Nays: None
Printed 02/25/21