



Legislation Details (With Text)

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On agenda: 7/19/2022 **Final action:** 7/19/2022
Title: Approve the award of Change Order #5 to Contract 16-135, North Aurora Road Underpass Design, to TranSystems, Inc. for an amount not to exceed \$144,724.00 and a total award of \$2,412,083.35

Sponsors:

Indexes:

Code sections:

Attachments: 1. Supplement #4

Date	Ver.	Action By	Action	Result
7/19/2022	1	City Council	approved	Pass

CITY COUNCIL AGENDA ITEM

ACTION REQUESTED:

Approve the award of Change Order #5 to Contract 16-135, North Aurora Road Underpass Design, to TranSystems, Inc. for an amount not to exceed \$144,724.00 and a total award of \$2,412,083.35

DEPARTMENT: Transportation, Engineering and Development

SUBMITTED BY: William J. Novack, Director

BOARD/COMMISSION REVIEW:

N/A

BACKGROUND:

The North Aurora Road Underpass at the Wisconsin Central/CN Railroad Improvement project (CIP# BR005) is a joint effort between the Naperville Township and the cities of Naperville and Aurora. The scope of the project includes constructing a new bridge structure that will accommodate two through traffic lanes in each direction, left turn lanes into adjacent properties, sidewalk and bicycle facilities, additional streetlighting, and correction of existing flooding issues.

In December 2016, City Council awarded Contract 16-135 to perform design engineering services for the improvements to the North Aurora Road Underpass at the CN/Wisconsin Central Railroad to TranSystems Corporation. The consultant is working with staff to complete the improvement plans, coordinate with various utilities, secure permits, and provide land acquisition services for properties adjacent to the project.

Construction of the project is expected to begin in 2023 at an estimated cost of approximately \$32 million. The Illinois Commerce Commission will contribute \$12 million from the Crossing Safety Improvement Program. Chicago Metropolitan Agency for Planning's Shared Fund Program will

contribute another \$9.8 million of federal funding. The balance of the construction costs will be split among the three local agencies.

Previous Change Orders

Change Order #1 - \$57,372

Approved by the City Council in September 2019 to provide technical support for coordination with Illinois Commerce Commission and railroad agreement support as well as additional land acquisition support and topographic survey for new easements.

Change Order #2

Modified the project scope with no adjustment in the existing contract value and was approved by the City Manager.

Change Order #3 - \$183,150

Approved by the City Council in June 2021 to acquire additional construction easements, design retaining wall modifications required for the BNSF tracks, redesign roadway profile to accommodate Enbridge petroleum gas pipeline relocation, resubmittal of the design documents with latest revisions to Illinois Department of Transportation (IDOT) for an additional review.

Change Order #4 - \$60,311.00

Approved by the City Council in February 2022 to provide additional design engineering for a temporary soil retention system for construction of the railroad bridge and additional coordination, assistance, and meetings with various stakeholders of the project.

DISCUSSION:

Change Order #5 to the design engineering contract for North Aurora Road Underpass is requested to perform multiple items required to complete the project which are outside of the original scope of work:

- 1.) Full Phase 1 Re-evaluation required based on direction of IDOT BLRS, which among other things includes conducting a Noise Analysis and a Public Information Meeting.
- 2.) Additional technical coordination with Enbridge pipeline, additional coordination with the City in preparation for ICC Status Hearings, assistance related to the development of the construction and maintenance agreements with both Canadian National and BNSF railroads, and bi-weekly critical items coordination calls with all project partners.
- 3.) Additional project management due to the extension of the project schedule.
- 4.) Additional survey and right-of-way services related to land acquisition of the Canadian National and BNSF parcels.

The proposed cost of the Phase 1 re-evaluation, coordination, and survey work required is \$144,724.00.

FISCAL IMPACT:

CIP #: BR005

North Aurora Road Underpass Design work is expensed to the Architect and Engineering Service

accounts listed below. A total of \$2,400,000 has been budgeted for engineering work related to BR005, North Aurora Road Underpass, in 2022. The requested change order is within the budgeted amount for this expense.

Account Number	Fund Description	Total Budget Amount
30282200-531301	Capital Projects Fund	\$1,836,000
30282300-531301	Bond Fund	\$1,325,000
30282500-531301	Motor Fuel Tax Fund	\$1,100,000