



Legislation Details (With Text)

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On agenda: 6/20/2023 **Final action:** 6/20/2023
Title: Approve the award of Change Order #7 to Contract 16-135, North Aurora Road Underpass Design, to TranSystems Corporation for an amount not to exceed \$113,320 and a total award of \$2,528,936.35

Sponsors:

Indexes:

Code sections:

Attachments:

Date	Ver.	Action By	Action	Result
6/20/2023	1	City Council	approved	Pass

CITY COUNCIL AGENDA ITEM

ACTION REQUESTED:

Approve the award of Change Order #7 to Contract 16-135, North Aurora Road Underpass Design, to TranSystems Corporation for an amount not to exceed \$113,320 and a total award of \$2,528,936.35

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 2024 at an estimated cost of approximately \$39 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. Additional funding through the Chicago Metropolitan Agency for Planning's Shared Fund Program was applied for back in February 2023, of which we are currently awaiting the results. 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 the construction of the railroad bridge and additional coordination, assistance, and meetings with various stakeholders of the project.

Change Order #5 - \$144,724.00

Approved by the City Council in July 2022 to provide a full Phase 1 Engineering Re-evaluation, additional coordination, assistance, and meetings with various stakeholders of the project, and additional survey and right-of-way services related to land acquisition of the Canadian National and BNSF parcels.

Change Order #6 - \$3,533

Approved by the City Council in December 2022 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.) Additional project coordination with BNSF and land surveyors to finalize easement acquisition documentation.
- 2.) Additional survey, legal description development, and right-of-way services related to land acquisition of the BNSF parcel.

The proposed cost of the additional project coordination, survey work, and right-of-way services required is \$3,533.00.

DISCUSSION:

Change Order #7 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.) Additional project coordination with both Canadian National and BNSF railroad companies and the Illinois Commerce Commission (ICC).
- 2.) Additional project coordination with Enbridge gas utility company and ComEd electric utility company among various other utilities requiring installation/relocation within the project corridor.
- 3.) Additional project management due to extended project timeline.
- 4.) Additional pre-final submittal of engineering design plans to the Illinois Department of Transportation for their review and approval.
- 5.) Additional engineering design to design a new right-in/right-out entrance off the roadway.
- 6.) Additional engineering design of the temporary soil retention system for the Canadian National Railway to accommodate the requirement of the soil retention system to be removable.
- 7.) Additional environmental reviews to update special waste documentation.

The proposed cost of the additional project coordination, design engineering survey work, and right-of-way services required is \$113,320.00.

FISCAL IMPACT:

CIP #: BR005

Costs related to design work for the North Aurora Road Underpass project are expensed to the account number listed below. A combined total of \$3,600,000 is included in the budget for Engineering services related to CIP BR005. The requested change order is accommodated within the budget.

Account Number	Fund Description	Total Budget Amount
30282200-531301	Capital Projects Fund	\$5,222,000
30282500-531301	Motor Fuel Tax Fund	\$1,100,000