



## Legislation Text

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File #: 21-0797, Version: 1

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### **CITY COUNCIL AGENDA ITEM**

#### **ACTION REQUESTED:**

Approve the award of Change Order #3 to Contract 16-135, Design Engineering Services for the North Aurora Road Underpass, to TranSystems for an amount not to exceed \$183,150 and a total award of \$2,207,048.35

**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 2022 at an estimated cost of approximately \$28 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 and the railroad.

#### **DISCUSSION:**

During the detailed design process for the project and discussions with the railroads, the need for the following additional land acquisition and engineering activities was identified:

1. Acquiring an additional construction easement and renewal of previous expiring temporary construction easements with Burlington Northern Santa Fe (BNSF) railroad.
2. Design of a retaining wall modification along the BNSF tracks to accommodate the track spur adjustment adjacent to the underpass structure.
3. Redesign of the roadway profile west of the underpass to accommodate the relocation of the

Enbridge petroleum gas pipeline. (City Council approved a reimbursement agreement with Enbridge on May 18, 2021 through agenda Item 21-0645).

4. Resubmittal of the design documents with the latest revisions to the Illinois Department of Transportation (IDOT) for an additional review.

The cost of this additional work is \$183,150. This amount will be split evenly with the City of Aurora and Naperville Township. Each agency's share will be \$61,050.

The intergovernmental agreement with Aurora and Naperville Township is to be amended through agenda item 21-0789. Both Aurora and the Naperville Township have reviewed and approved this change request.

**FISCAL IMPACT:**

CIP #: BR005

Design Engineering Services for the North Aurora Road Underpass is expensed to the Architect and Engineering Services account listed below. A total of \$2,241,920 was budgeted for Engineering Services for BR005 in 2021. The requested change order is within the budgeted amount for this expense.

Account Number	Fund Description	Total Budget Amount
30282200-531301	Capital Projects Fund	\$1,220,960
30282500-531301	Motor Fuel Tax Fund	\$1,020,960