



CITY of NOVI CITY COUNCIL

Agenda Item I
August 24, 2015

SUBJECT: Approval to award an amendment to the engineering services agreement with URS Corporation for additional design engineering services for the ITC Pathway Phase 1A project in the amount of \$27,134; and approval of a resolution to amend the budget to add \$23,134 to this line item.

SUBMITTING DEPARTMENT: Department of Public Services, Engineering Division *BTC RFA*
Parks, Recreation & Cultural Services Department

CITY MANAGER APPROVAL: *[Signature]*

| | |
|-------------------------------|---|
| EXPENDITURE REQUIRED | \$27,134 |
| AMOUNT BUDGETED | \$ 4,000 |
| APPROPRIATION REQUIRED | \$23,134 (additional property tax revenue) |
| LINE ITEM NUMBER | 208-691.00-974.105 |

BACKGROUND INFORMATION:

Phase 1A of the ITC Regional Pathway connects ITC Community Sports Park to Garfield Road via the electric transmission corridor owned by ITC. The final design engineering for this project was awarded in July 2013 and is nearing completion. The design process was lengthy for this project because of the iterative process associated with the license agreement with ITC and feedback from the public following presentation of the preliminary design.

Staff communicated earlier this summer that the construction cost estimate for the project had increased as a result of some boardwalk that was not anticipated in the original budget estimate, along with some additional factors (see memo dated June 30, 2015, attached). There was additional design effort associated with the additional construction scope. Therefore, the consultant has submitted a request for additional services to increase the fee accordingly.

Staff has reviewed the request and recommends approval. A budget resolution is necessary to appropriate additional property tax revenue to offset the increased expenditure.

The final design of the project is nearing completion and is currently under review by the Department of Environmental Quality (DEQ) for a wetland permit. Staff intends to award construction this fall, once the wetland permit is issued, with anticipated completion in summer 2016.

RECOMMENDED ACTION: Approval to award an amendment to the engineering services agreement with URS Corporation for additional design engineering services for the ITC Pathway Phase1A project in the amount of \$27,134; and approval of a resolution to amend the budget to add \$23,134 to this line item.

| | 1 | 2 | Y | N |
|------------------------|---|---|---|---|
| Mayor Gatt | | | | |
| Mayor Pro Tem Staudt | | | | |
| Council Member Casey | | | | |
| Council Member Markham | | | | |

| | 1 | 2 | Y | N |
|------------------------|---|---|---|---|
| Council Member Mutch | | | | |
| Council Member Poupard | | | | |
| Council Member Wrobel | | | | |

RESOLUTION

NOW, THEREFORE BE IT RESOLVED that the following Budget Amendment for the engineering for Greenway Development Project is authorized:

| | INCREASE (DECREASE) |
|--|------------------------|
| PARKS, RECREATION, & CULTURAL SERVICES FUND | |
| REVENUES | |
| Property Tax Revenue | 23,134 |
| TOTAL REVENUES | \$ 23,134 |
| APPROPRIATIONS | |
| 691 Capital Outlay | 23,134 |
| TOTAL APPROPRIATIONS | \$ 23,134 |
| Net Increase (Decrease) to Fund Balance | \$ - |

I hereby certify that the foregoing is a true and complete copy of a resolution adopted by the City Council of the City of Novi at a regular meeting held on August 24, 2015

Maryanne Cornelius
City Clerk

Authorization for Additional Services #1

Project: **Engineering Services for ITC Trail, Phase 1A**
Purchase Order # 000093989

Date: July 31, 2015

Description of Additional Services

URS is providing engineering services for the ITC Trail Phase 1A Project. The scope has been amended to include design and construction of a boardwalk.

Original scope of work:

- Complete topographical survey required for project.
- Prepare plans and specifications required for the project.
- Boardwalk was not anticipated to be necessary for wetland impacts and the fee was calculated using an estimate that did not include boardwalk costs.

Amount authorized for original scope: \$24,454.00

Proposed scope of work:

- A wetland permit and construction of a boardwalk is now required to mitigate wetland impacts.
- Structural design for development of details for 14 foot wide boardwalk is now required.

The construction cost of the project, including the boardwalk, is now estimated at \$629,116.95. (See attached).

Revised Fee: $\$629,116.95 \times 8.20\% = \$51,587.59$

Proposed budget amount for new scope: \$51,587.59

Based on the revised scope of services, we request authorization for an increase of \$27,133.59 to the amount authorized under the previous scope of services.

URS Corporation Great Lakes

Requested by: Sean Kelsch Date: 07/31/15
Sean Kelsch, Vice-President

CITY OF NOVI

Reviewed by: Brian Coburn Date: 8/5/15
Brian Coburn, Engineering Manager

Approved by: Rob Hayes Date: 8/5/15
Rob Hayes, Director of Public Services

Approved by: _____ Date: _____
Sue Morianti, Purchasing Manager

**City of Novi
ITC Path
Phase 1A
Preliminary Estimate of Cost
6/10/2015**

| Item | Item Description | Unit | Quantity | Unit Price (\$) | Total Cost (\$) |
|------|--|------|----------|-----------------|----------------------|
| 1 | Mobilization (5% Max.) | LS | 1 | 27,234.50 | \$ 27,234.50 |
| 2 | Maintaining Traffic | LS | 1 | 5,000.00 | \$ 5,000.00 |
| 3 | Pre-Construction Audio-Visual | LS | 1 | 5,000.00 | \$ 5,000.00 |
| 4 | Tree, Rem, 8 Inch to 18 Inch dia | Each | 25 | \$ 400.00 | \$ 10,000.00 |
| 5 | Tree, Rem, 19 Inch to 36 Inch dia | Each | 10 | \$ 800.00 | \$ 8,000.00 |
| 6 | Pathway Grading | Sta | 68.5 | \$ 850.00 | \$ 58,225.00 |
| 7 | Subgrade Undercutting, Type II | Cyd | 500 | \$ 30.00 | \$ 15,000.00 |
| 8 | Silt Fence | Ft | 7,300 | \$ 1.50 | \$ 10,950.00 |
| 9 | Aggregate Base, 21AA Limestone, 6 inch | Syd | 7,728 | \$ 9.00 | \$ 69,552.00 |
| 10 | Culvert, CI E, 12 Inch | Ft | 60 | \$ 50.00 | \$ 3,000.00 |
| 11 | Culv End Section, 12 Inch | Each | 2 | \$ 350.00 | \$ 700.00 |
| 12 | Boardwalk | Ft | 600 | \$ 310.00 | \$ 186,000.00 |
| 13 | HMA, 13A | Ton | 1,615 | \$ 85.00 | \$ 137,275.00 |
| 14 | Sidewalk Ramp, Conc, 6 inch | Sft | 328 | \$ 6.00 | \$ 1,968.00 |
| 15 | Detectable Warning Surface | Ft | 56 | \$ 20.00 | \$ 1,120.00 |
| 16 | Fence, Relocate | Ft | 250 | \$ 10.00 | \$ 2,500.00 |
| 17 | Pavt Mrkg, Ovly Cold Plastic, 6 Inch, Crosswalk | Ft | 40 | \$ 10.00 | \$ 400.00 |
| 18 | Surface Restoration | LS | 1 | \$ 30,000.00 | \$ 30,000.00 |
| 19 | Miscellaneous Items (10%) | LS | 1 | \$ 57,192.45 | \$ 57,192.45 |
| | | | | | |
| | TOTAL CONSTRUCTION COST | | | | \$ 629,116.95 |

MEMORANDUM



TO: PETE AUGER; CITY MANAGER
ROB HAYES; DIRECTOR OF PUBLIC SERVICES

FROM: BRIAN COBURN, ENGINEERING SENIOR MANAGER

SUBJECT: ITC CORRIDOR UPDATE—CORRECTION TO PREVIOUS MEMO

DATE: JUNE 30, 2015

After reviewing the proposed plan and cost estimate again with the consultant, it has come to my attention that I made an error in my June 17, 2015 memo. The error is related to the specific causes of the additional costs related to this project. I incorrectly stated that the \$216,000 of the additional cost was related to boardwalk that was required as a result of the pathway relocation in the vicinity of Park Place from the north side to the south side of the corridor. That statement was incorrect due to my misunderstanding of the updated estimate and the plan. The realignment to the south near Park Place did not result in any additional cost.

There was 600 LF of additional boardwalk required at a cost of approximately \$200,000 that was added to the project, but its planned location was near the proposed road crossing at Garfield Road and was not related to the relocation of the pathway. The original plan did not call for any boardwalk. This spring during a site visit with a resident on Garfield Road about the pathway, it became evident that a boardwalk would be required due to seasonal standing water that was not evident when the initial survey was conducted, which was during a dry period. This boardwalk is the cause for the additional cost.

In an attempt to help mitigate the additional costs, we are proposing to decrease the project scope to terminate the Phase 1A pathway at Garfield. This would reduce the construction cost of this phase by approximately \$50,000. The pathway would then need to be added to Phase 1B. The savings comes from the reduction of pathway along Nine Mile and Garfield to reconnect with the ITC corridor for Phase 1B. The updated project cost is \$600,000.

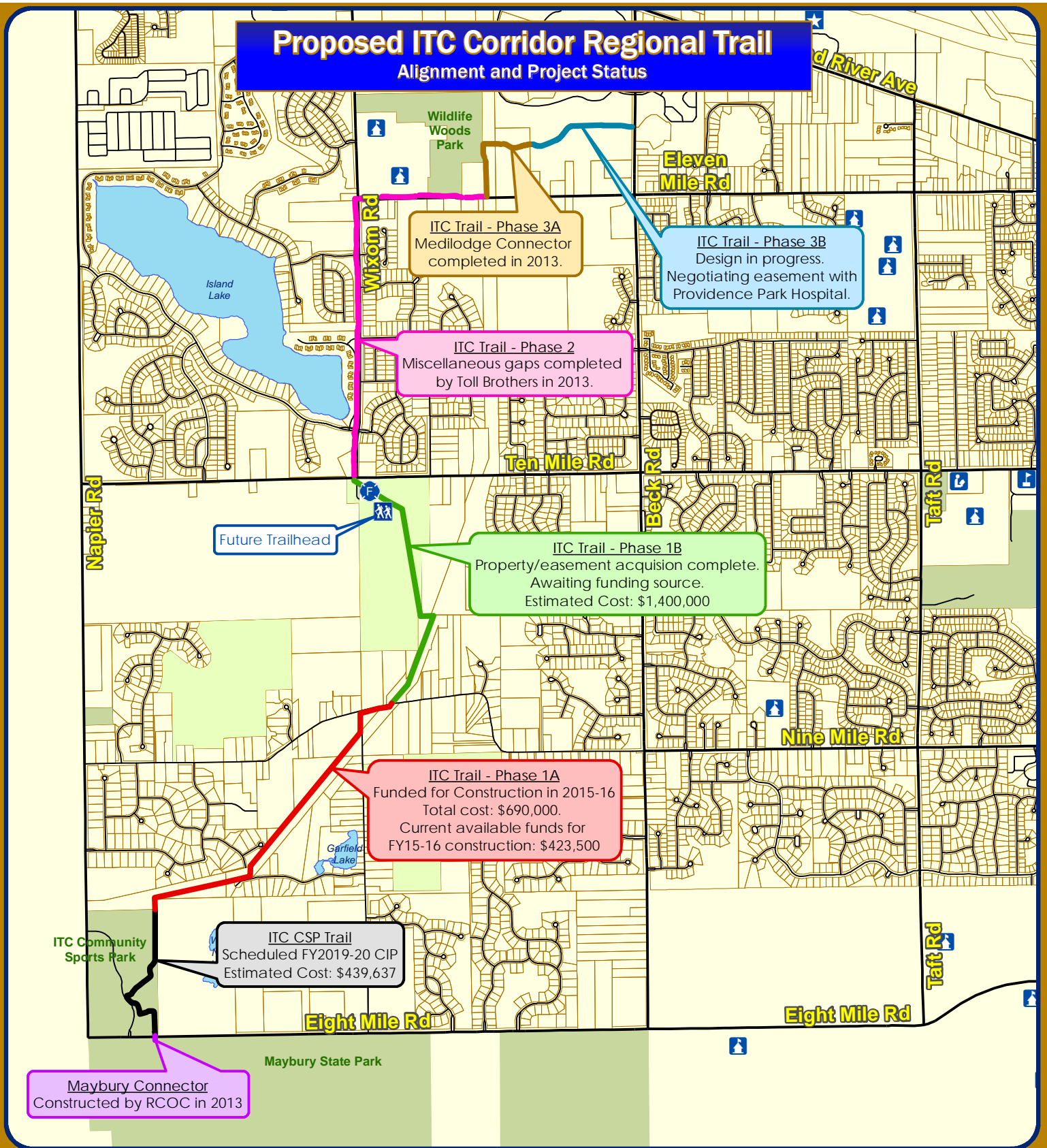
The current project budget is \$450,000 and it is my understanding that the Parks Foundation has offered another \$118,000 toward the project. If the project scope was reduced to terminate Phase 1A at Garfield and if the City was accepted the donation from the Parks Foundation, the budget would only be \$32,000 short.

I apologize for the error in my previous memo and look for your direction on how best to proceed.

cc: Jeff Muck, Parks, Recreation and Cultural Services Director.

Proposed ITC Corridor Regional Trail

Alignment and Project Status



Map Author: M. D. McCreadie Jr
Date: 10/29/13
Project: Proposed ITC Corridor Regional Trail
Version #: 8

Map Revisions: Keri Blough
Date: June 22, 2015
Department: IT

MAP INTERPRETATION NOTICE

Map information depicted is not intended to replace or substitute for any official or primary source. This map was intended to meet National Map Accuracy Standards and use the most recent, accurate sources available to the people of the City of Novi. Boundary measurements and area calculations are approximate and should not be construed as survey measurements performed by a licensed Michigan Surveyor as defined in Michigan Public Act 132 of 1970 as amended. Please contact the City GIS Manager to confirm source and accuracy information related to this map.

Map Legend

- Maybury State Park Connector
- Community Sports Park Trail
- ITC Corridor Regional Trail - Phase 1A
- ITC Corridor Regional Trail - Phase 1B
- ITC Corridor Regional Trail - Phase 2
- ITC Corridor Regional Trail - Phase 3A
- ITC Corridor Regional Trail - Phase 3B



City of Novi

Engineering Division
Department of Public Services
26300 Lee BeGole Drive
Novi, MI 48375
cityofnovi.org



ITC CORRIDOR PATHWAY Proposed Alignment Revisions

General Location Map



Map Author: Coburn
Date: 6/30/15
Project: Greenways Development PH 1
Version #: v5.0

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Feet



1 inch = 1,135 feet



City of Novi

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Department of Public Services
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Novi, MI 48375
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