

ENROLLED ORDINANCE 179-8

MODIFY 2024-2028 CAPITAL PLAN AND 2024 CAPITAL PROJECTS BUDGET FOR PROJECT #201302 CTH YY, UNDERWOOD CREEK STRUCTURE FOR REVISED SCOPE AND CONSTRUCTION SCHEDULE

WHEREAS, capital project #201302 CTH YY (Pilgrim Road), Underwood Creek Structure in the City of Brookfield was originally approved as a new project in the 2013-2017 Capital Plan, and has been modified in subsequent capital plans for modifications to scope and project budget; and

WHEREAS, the most recently approved project scope, approved in the 2023-2027 Capital Plan assumed construction in 2023 and includes constructing a new 44-foot clear roadway width and a bridge that accommodates a potential future 4-lane CTH YY, relocating Underwood Creek to the westside of CTH YY, relocating the Wirth Park pedestrian bridge over Underwood Creek, rebuilding the Wirth Park tot-lot access road and parking lot, rebuilding the Wirth Park entrance road, and acquiring the 120-foot ultimate right-of-way; and

WHEREAS, the construction timeline for this project has been moved back multiple times due to the complexity of the site location and design constraints, which includes running parallel to Underwood Creek for 300 feet and being in close proximity to a public street, city (Wirth) park, and railroad crossing; and

WHEREAS, updated construction estimates for the current scope are projected to exceed the current project budget by about \$0.9 million due to increased compensable utility relocation costs, increased box culvert construction costs to address the relocated creek and environmental considerations, and increased costs associated with constructing Wirth Park improvements; and

WHEREAS, state funding for this project, through the Local Road Improvement Program – Supplemental (LRIP-S), is expected to be about \$1.3 million lower than originally estimated due to the Wisconsin Department of Transportation assigning funding awards to different County projects than currently assumed in the Capital Plan; and

WHEREAS, the net County cost increase of about \$2.2 million, resulting from these higher expenditures and lower revenues, makes the current project scope prohibitively expensive in the context of existing capital plan resources; and

WHEREAS, the Department of Public Works is recommending a reduction in scope, which would include constructing a new 36-foot clear roadway width bridge and completing construction in 2025; and

WHEREAS, this change in scope is estimated to reduce costs from the current project budget by \$1.1 million and further reduce revenue \$0.1 million by eliminating the need for a municipal contribution toward the project (total revenue reduction of \$1.4 million, including the \$1.3 million of LRIP-S funding mentioned above); and

WHEREAS, the estimated net cost increase to the County of \$247,000 under the revised scope would be easier to accommodate financially and covered with Capital Project Fund balance

MODIFY 2024-2028 CAPITAL PLAN AND 2024 CAPITAL PROJECTS BUDGET FOR PROJECT #201302 CTH YY,
 UNDERWOOD CREEK STRUCTURE FOR REVISED SCOPE AND CONSTRUCTION SCHEDULE

Presented by:
 Executive Committee

Approved by:
 Public Works Committee

Approved by:
 Finance Committee



 James A. Heinrich, Chair


 Keith Hammitt, Chair


Absent
 Gary J. Szpara, Chair


 Keith Hammitt



 Jim Batzko


 Larry Bangs



 Christine M. Howard


 Robert L. Kolb

Absent
 Darryl Enriquez


 Jacob LaFontain


 Chris Mommaerts



 Wayne Euclide


 Larry Nelson


Absent
 Thomas J. Schellinger


 Joel R. Gaughan

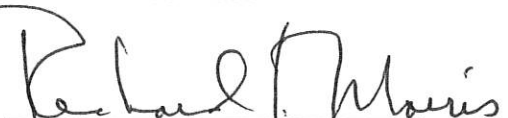
Absent
 Gary J. Szpara


 Steve Styza


 Darlene M. Johnson


 Peter M. Wolff


 Terry Thieme



 Richard Morris

The foregoing legislation adopted by the County Board of Supervisors of Waukesha County, Wisconsin, was presented to the County Executive on:

Date: 5/31/24, 
 Kelly Jaeger, Deputy
 Margaret Wartman, County Clerk

The foregoing legislation adopted by the County Board of Supervisors of Waukesha County, Wisconsin, is hereby:

Approved: X
 Vetoed: _____

Date: 5/31/2024, 
 Paul Farrow, County Executive

FISCAL NOTE

MODIFY 2024-2028 AND 2024 CAPITAL BUDGET FOR PROJECT #201302 CTH YY,
UNDERWOOD CREEK STRUCTURE FOR REVISED SCOPE AND CONSTRUCTION
SCHEDULE

This ordinance modifies the 2024-2028 Capital Plan and 2024 Capital Projects budget to change the scope for project #201302 – CTH YY, Underwood Creek Structure, reduce project expenditures by \$1,145,000, reduce project revenues by \$1,392,000, and increase the use of Capital Project Fund balance by \$247,000.

Project #201302 was initially approved in the 2013-2017 Capital Plan and was updated multiple times in subsequent years, including in the 2021-2025 plan to include an allocation of \$630,000 of Local Road Improvement Plan – Supplemental (LRIP-S) funding. Later in the 2023-2027 capital plan, to better align revenue sources with cost increases in the Capital Plan, this \$630,000 allocation was transferred to project #202012 – CTH X, West High Drive Intersection, and a different \$1,922,000 allocation of LRIP-S was instead budgeted for #201302.

Since then, the Wisconsin Department of Transportation has indicated that the initial \$630,000 cannot be re-assigned and has to remain with project #201302. This net LRIP-S funding reduction of \$1.3 million for the project (see table below), plus an anticipated \$0.9 million increase in estimated project costs, resulted in a net increase in the County’s share of costs of about \$2.2 million. This ordinance would approve a reduction in project scope, which instead lowers costs by \$1,145,000 to help offset that impact. (Revenues decrease another \$100,000 due to eliminating the need for a municipal contribution toward the project because fewer modifications to a city park are included the revised scope.) The net impact of these changes to the project are an increase in the County’s share of costs by \$247,000.

By transferring the \$630,000 of LRIP-S funding out of project #202012, this creates another net increase to the County’s share of costs by about \$478,000, for a total net unfavorable impact of about \$725,000. To mitigate this, department management plans to apply a portion of the remaining \$1,922,000 LRIP-S allocation against expenses in the Repaving Program (project #201906), to free up those existing funds as an offset.

Project Title:	CTH YY, Underwood Creek Structure	Project #:	201302
Department:	Public Works - Highways	Project Type:	Bridge
Phase:	Construction	Road Name:	Pilgrim Road
Budget Action:	C - Scope C - \$ Update C - Rev Update	Manager:	Allison Bussler, DPW Director
Date:	May 3, 2024	Map / Image:	Click Here

CAPITAL BUDGET SUMMARY						
Year	2017	2018	2021	2023	2024	Total
Project Phase	Design	Land	Land/Utility		Ordinance	Project
Expenditure Budget	\$170,000	\$179,000	\$369,000	\$1,907,000	(\$1,145,000)	\$1,480,000
Revenue Budget	\$0	\$0	\$0	\$2,022,000	(\$1,145,000)	\$877,000
Net Cost After Revenues Applied	\$170,000	\$179,000	\$369,000	(\$115,000)	\$0	\$603,000
COST DOCUMENTATION			REVENUE			
Design		\$360,000	State Funds (LRIP-S)			\$630,000
Land Acquisition/Utility Relocation		\$100,000	(reimbursement funding)			
Construction		\$850,000	Capital Project Fund Balance			\$247,000
Construction Management		\$127,500				
Contingency		\$42,500				
Total Project Cost		\$1,480,000	Total Revenue			\$877,000
EXPENDITURE BUDGET		\$1,480,000	REVENUE BUDGET			\$877,000

Project Scope & Description

This project is a replacement of the CTH YY structure over Underwood Creek. The current 2-lane roadway will remain. The proposed scope includes replacing the existing structure with a 36-wide clear roadway width structure. Construction will be completed in 2025. This project scope has been revised and previously consisted of constructing a new 44-foot clear roadway width and a bridge that accommodates a potential future 4-lane CTH YY, relocating Underwood Creek to the westside of CTH YY, relocating the Wirth Park pedestrian bridge over Underwood Creek, rebuilding the Wirth Park tot-lot access road and parking lot, rebuilding the Wirth Park entrance road, and acquiring the 120-foot ultimate right-of-way. Project costs have been updated to reflect the revised scope.

State funding for this project, through the Local Road Improvement Program – Supplemental (LRIP-S), is expected to be about \$1.3 million lower than originally estimated due to the Wisconsin Department of Transportation assigning funding awards to different County projects than originally assumed in the Capital Plan. In addition, \$100,000 of municipal contributions were removed due to the reduced scope. Instead, a different allocation of LRIP-S of \$630,000 and \$247,000 of Capital Project Fund balance is budgeted.

Location: City of Brookfield

Analysis of Need: The existing structure is a single-span, concrete slab that spans approximately 18 feet. Also, the structure was widened to its current width using pre-stressed girders. Dates of initial construction and widening are unknown. The roadway and bridge transferred from City of Brookfield to county jurisdiction in 2006. The abutments and superstructure are in poor condition, per structure inspection reports. The roadway over the structure is narrow, with minimal shoulders. Structure replacement is recommended. The structure has a span of 18 feet and is not classified as a bridge per Federal Highway Administration (FHWA) standards, and therefore is not eligible for federal bridge aid. Traffic volume on CTH YY in 2018 was 14,900 vehicles per day.

Alternatives: Rehabilitate the existing bridge, which does not address all structural and geometric deficiencies.

Ongoing Operating Costs: Initial maintenance costs may be reduced.

Previous Action: Approved as a new project in the 2013-2017 capital plan. Approved as planned in the 2014-2018, 2015-2019, 2016-2020, 2017-2021, and 2018-2022 capital plans. Approved with delay in the 2019-2023. Approved with delay and a cost update in the 2020-2024 capital plan. Approved with a revenue update in the 2021-2025 capital plan. Approved with a delay and a revenue update in the 2022-2026 capital plan. Approved with a change in scope and cost and revenue update in the 2023-2027 capital plan.

VOTE RESULTS >

23

YES

0

NO

0

ABSTAIN

2

ABSENT

Ordinance 179-O-007

Ordinance 179-O-007: Modify 2024-2028 Capital Plan And 2024 Capital Projects Budget For Project #201302
Scope And Construction Schedule



Passed With 17 Yes Votes Needed

D1 - Styza	AVE	D10 - Thieme	AVE	D19 - Enriquez	ABSENT
D2 - Euclide	AVE	D11 - Howard	S AVE	D20 - Schellinger	AVE
D3 - Morris	AVE	D12 - Wolff	AVE	D21 - Gaughan	AVE
D4 - Batzko	AVE	D13 - Leisemann	AVE	D22 - Szpara	AVE
D5 - Grant	AVE	D14 - Mommaerts	AVE	D23 - Hammitt	M AVE
D6 - Walz	AVE	D15 - Kolb	AVE	D24 - Bangs	AVE
D7 - LaFontain	ABSENT	D16 - Crowley	AVE	D25 - Johnson	AVE
D8 - Koremenos	AVE	D17 - Meier	AVE		
D9 - Heinrich	AVE	D18 - Nelson	AVE		

2nd Meeting, 179th Year of the County Board of Supervisors - May 28 2024 07:23:25 PM

May 28, 2024

