

Business Item

Transportation Committee



Committee Meeting Date: November 27, 2023

For the Metropolitan Council: December 13, 2023

Business Item: 2023-276

2024-2027 TIP Amendment Request – Four Project Adjustments

District(s), Member(s): 2 – Chamblis, 3 – Tyrone Carter, 5 – Pacheco, 15 – Dolkar

Policy/Legal Reference: TAB Action

Staff Prepared/Presented: Amy Vennewitz, Deputy Director, Finance & Planning (651-602-1508)
Steve Peterson, Manager of Highway Planning and TAB/TAC Process (651-602-1819)
Joe Barbeau, Planning Analyst (651-602-1705)

Division/Department: Transportation / Metropolitan Transportation Services (MTS)

Proposed Action

That the Metropolitan Council adopt an amendment to the 2024-2027 Transportation Improvement Program (TIP) to amend four projects:

- Add signal replacement and local funding to Dakota County's CSAH 32 (Cliff Rd) resurfacing project in Eagan;
- Add local funding to Three Rivers Park District's Rush Creek Trail underpass project at West River Road in Brooklyn Park (SP# 091-090-089);
- Add a trail and an overhead rapid rectangle flashing beacon (RRFB) and increase the federal and state funding for MnDOT's MN 101 (W 192nd Ave) mill and overlay project in Chanhassen and Eden Prairie; and
- Remove Hennepin County's CSAH 158 (Vernon Ave) bridge replacement as a standalone project and combine its project elements with Edina's CSAH 158 (Vernon Avenue) reconstruction project to be managed by Edina.

Background

The following projects are proposed for amendment in the 2024-2027 TIP:

- Dakota County requests addition of a signal replacement and local funds to its CSAH 32 (Cliff Rd) resurfacing project in Eagan. This project is funded by the National Highway Performance Program (NHPP), which is not a part of the Regional Solicitation.
- Three Rivers Park District requests a cost increase of \$1 million for its Rush Creek Trail underpass at West River Road in Brooklyn Park. The added funding is local. The project is funded through FHWA's Federal Lands Access Program (FLAP), which is not part of the Regional Solicitation.
- MnDOT requests the addition of a trail and an overhead rapid rectangle flashing beacon (RRFB), along with a cost increase, to its MN 101 (W 192nd Ave) mill and overlay in Chanhassen and Eden Prairie. The project is funded by Surface Transportation Block Grant funding not distributed through the Regional Solicitation.
- Hennepin County and Edina request merging of their respective CSAH 158 (Vernon Ave) bridge replacement and reconstruction projects in Edina. This includes a \$1,144,340 overall

cost increase, which will be funded with local funds. These projects were funded through the Regional Solicitation. This would enable both actions to be completed under one contract and will not change the scope of the projects.

Rationale

The Metropolitan Council approves formal amendments to the TIP. The projects are consistent with the Transportation Policy Plan (TPP) and meet fiscal constraint because the federal, state, and local funds are sufficient to fully fund the projects.

Thrive Lens Analysis

This action promotes *stewardship* by enabling efficient construction of projects.

Funding

The projects are fully funded with federal, state, and local funds.



2024-2027 TIP AMENDMENT REQUEST

Please amend the 2024-2027 Transportation Improvement Program (TIP) to adjust the below projects.

Project Identification

Seq #	TBD
Fiscal Year (State)	2024
ATP and District	Metro
Route System	Highway CSAH 32
Project Number (S.P. #)	019-632-049
Agency	Dakota County
Description	CSAH 32 (Cliff Rd) from MN13 to I35E in Eagan – Resurfacing, <u>signal system</u>
Miles	1.097 <u>2.0</u>
Program	RS - Resurfacing
Type of work	Pavement Resurface and Rehabilitation
Proposed Funds	NHPP
Total \$	1,200,000 <u>\$3,100,000</u>
FHWA \$	712,000
Other \$	488,000 <u>2,388,000</u>

Background and TIP Amendment Need

This amendment is needed to increase total project cost and add a signal replacement to the project. All additional work is funded with local funds.

Fiscal Constraint (as Required by 23 CFR 450.216)

No additional federal funds are being added to the project. Therefore, fiscal constraint is maintained.

Consistency with MPO Long-Range Plan

This amendment is consistent with the Metropolitan Council Transportation Policy Plan, adopted by the Metropolitan Council on November 18, 2020, with FHWA/FTA conformity determination established on December 4, 2020.

2024-2027 TIP AMENDMENT REQUEST

Please amend the 2024-2027 Transportation Improvement Program (TIP) to adjust the cost of the below project.

Project Identification

Seq #	TBD
Fiscal Year (State)	2024
ATP and District	Metro
Route System	Local Streets
Project Number (S.P. #)	091-090-089
Agency	Three Rivers Park District
Description	**AC**: Rush Creek Trail at West River Road in Brooklyn Park – Construct underpass and amenities (AC project, payback in 2026)
Miles	0
Program	BT – Bike Trail
Type of work	Bike/Ped – New Trail
Proposed Funds	FLAP
Total \$	\$1,875,000 <u>\$2,875,000</u>
FHWA \$	\$1,500,000
Other \$	\$375,000 <u>\$1,375,000</u>

Background and TIP Amendment Need

An amendment is needed to update the project total cost. No change is proposed to the scope.

Fiscal Constraint (as Required by 23 CFR 450.216)

No new federal funds are being added to the project. Therefore, fiscal constraint is maintained.

Consistency with MPO Long-Range Plan

This amendment is consistent with the Metropolitan Council Transportation Policy Plan, adopted by the Metropolitan Council on November 18, 2020, with FHWA/FTA conformity determination established on December 4, 2020.

2024-2027 TIP AMENDMENT REQUEST

Please amend the 2024-2027 Transportation Improvement Program (TIP) to adjust the below project.

Project Identification

Seq #	1044
Fiscal Year (State)	2024
ATP and District	Metro
Route System	MN 101
Project Number (S.P. #)	2736-46
Agency	MNDOT
Description	MN101 (W 192nd Ave), from MN 5 (W 78th St) TO CSAH 62 (Townline Rd) In Chanhassen/Eden Prairie – Mill and overlay, drainage, <u>overhead rapid rectangle flashing beacon (RRFB), trail and ADA improvements</u>
Miles	1.82 <u>2.0</u>
Program	Resurfacing
Type of work	Mill and bit overlay
Proposed Funds	STP
Total \$	1,887,000 <u>3,025,000</u>
FHWA \$	1,399,610 <u>1,888,944</u>
State \$	319,390 <u>625,056</u> (431,056 MATCH + 194K LPP)
Other \$	168,000 <u>511,000</u> (168K trail + 94K fence, 194K LPP share, 55K DNR pipe)

Background and TIP Amendment Need

This TIP amendment is for a scope change to add an overhead rapid rectangle flashing beacon, revise the total project length, and increase the total project cost.

Fiscal Constraint (as Required by 23 CFR 450.216)

The total STP federal cost is increasing from \$1,399,610 to \$1,888,944 a difference of \$489,334. SP 1926-23 is being dropped from SFY 2024 freeing up federal funds for this project. Therefore fiscal constraint is maintained.

Consistency with MPO Long-Range Plan

This amendment is consistent with the Metropolitan Council Transportation Policy Plan, adopted by the Metropolitan Council on November 18, 2020, with FHWA/FTA conformity determination established on December 4, 2020.

2024-2027 TIP AMENDMENT REQUEST

Please amend the 2024-2027 Transportation Improvement Program (TIP) to combine two projects in 2024.

Project Identification

	027-758-006 (Existing)	120-020-044 (Existing)	120-020-044 (Proposed)
Seq #	TBD	TBD	TBD
State Fiscal Year	2024	2024	2024
ATP/District	Metro	Metro	Metro
Route System	CSAH 158 (Vernon Ave)	CSAH 158 (Vernon Ave)	CSAH 158 (Vernon Ave)
Project Number	027-758-006	120-020-044	120-020-044
Agency	Hennepin County	Edina	Edina
Description	**AC** CSAH 158 (Vernon Ave) from Interlachen Blvd to MN100 over CP Railroad in Edina Replace Bridge #4510 (New BR #27C73), roadway approaches, retaining walls, noisewalls, signal modifications, ADA (Associate to 2734-56, 120-020-044 and 120-020-044PRO) (AC project, payback in FY28)	CSAH 158 (Vernon Ave) at MN 100 in Edina- Reconstruct, multi-use paths, signals, lighting, ADA (Associate to 027-758-006, 120-020-044PRO and 2734-56)	**AC** CSAH 158 (Vernon Ave) from Interlachen Blvd to Grange Rd in Edina-Replace Bridge #4510 (New BR #27C73), roadway approaches, retaining walls, noisewalls, reconstruct interchange, multi-use paths, signals, lighting, ADA (Associate to 2734-56, and 120-020-044PRO) (AC project, payback in FY28)
Miles	0	0.2	13.06
Prog	BR	MC	MC
Type of Work	Bridge Replacement	Grade and Surface	Grade and Surface
Prop Funds	STP	STP	STP
Total \$	13,400,000	4,711,746	19,256,086
FHWA \$	7,000,000	3,845,200	10,845,200
Other \$	6,400,000	866,546	8,410,886

Background and TIP Amendment Need

This amendment is to combine a Hennepin County project (027-758-006) with an Edina project (120-020-044) into one line in the TIP as Edina will be letting the two projects in one contract. The two projects associated with these projects (120-020-044PRO and 2734-56) will remain as is.

Fiscal Constraint (as required by 23 CFR 450.216)

No additional federal funds are being added to the project. Therefore, fiscal constraint is maintained.

Consistency with MPO Long-Range Plan

This amendment is consistent with the Metropolitan Council Transportation Policy Plan, adopted by the Metropolitan Council on November 18, 2020, with FHWA/FTA conformity determination established on December 4, 2020.

INFORMAL SCOPE CHANGE REQUEST FORM

<i>This informal scope change is to combine two separate TAB awarded projects into one contract, and change the lead agency from Hennepin County to Edina on SP 027-758-006</i>
Current SP #'s 027-758-006, 120-020-044
New SP # 120-020-044 – this will be the SP # for the STIP to identify the City of Edina as the lead agency. Because the two projects have two separate lead agencies, Hennepin County will give their federal award to the City of Edina to administer (see attached letters from both agencies). The Plan set will identify the separate funding sources in separate funding columns to ensure that the federal funds are spent on the project they were awarded funds for.
Funding Application ID # 10676 (Henn Co) and 17480 (Edina)
Current Fiscal Year: 2024
Current STIP Description: 027-758-006 - **AC**CSAH 158 (VERNON AVE) FROM INTERLACHEN BLVD TO MN100 OVER CP RAILROAD IN EDINA-REPLACE BRIDGE#4510 (NEW BR #27C73), ROADWAY APPROACHES, RETAINING WALLS, NOISEWALLS, SIGNAL MODIFICATIONS, ADA (ASSOCIATE TO 2734-56, 120-020-044 AND 120-020-044PRO) (AC PROJECT, PAYBACK IN FY28) 120-020-044 - CSAH 158 (VERNON AVE) AT MN 100 IN EDINA-RECONSTRUCT, MULTI-USE PATHS, SIGNALS, LIGHTING, ADA (ASSOCIATE TO 027-758-006, 120-020-044PRO AND 2734-56) 120-020-044PRO - **PROTECT**CSAH 158 (VERNON AVE) AT MN 100 IN EDINA-RECONSTRUCT, STORM SEWER, EROSION CONTROL, RETAINING WALL, MULTI-USE PATHS, SIGNALS, LIGHTING, ADA (ASSOCIATE TO 027-758-006, 120-020-044 AND 2734-56) 2734-56 - MN 100, SB OFF RAMP TO VERNON AVE (CSAH 158) IN EDINA - REALIGN RAMP (ASSOCIATE TO 027-758-006, 120-020-044 AND 120-020-044PRO)
STIP Federal Funding: 027-758-006 – \$7,000,000 120-020-044 - \$3,845,200 120-020-044PRO - \$368,000 2734-56 - \$0
STIP Total Cost: 027-758-006 - \$11,101,826 120-020-044 - \$4,711,746 120-020-044PRO - \$765,414 2734-56 – \$300,000
<i>To be filled out by Project Sponsor</i>
Proposed New STIP Description: **AC**CSAH 158 (VERNON AVE)/ WEST 50TH STREET FROM INTERLACHEN BLVD TO GRANGE ROAD IN EDINA-REPLACE BRIDGE #4510 (NEW BR #27C73), REPLACE BRIDGE 27102 (NEW BR #27319), ROADWAY APPROACHES, RETAINING WALLS, NOISEWALLS, RECONSTRUCT INTERCHANGE, SIDEWALKS, SIGNALS, LIGHTING, ADA (ASSOCIATE TO 2734-56, AND 120-020-044PRO) (AC PROJECT, PAYBACK IN FY28) Note: 120-020-044PRO and 2734-56 descriptions will remain as is
Federal Funding: 120-020-044 - \$10,845,200 Note: 120-020-044PRO Federal funding will remain at \$368,000

New Total Cost: \$19,256,086 (Does not include PROTECT and State Funds total cost)

Note: 120-020-044PRO Total Cost is \$765,414
2734-56 Total Cost is \$300,000

Short write up with reason for scope change (i.e.; contractor coordination, better bids, etc.):

The City of Edina and Hennepin County have tied projects to improve the Vernon Avenue / West 50th Street over TH 100 Interchange and to replace the Vernon Avenue over CP Railway Bridge to promote efficiencies, reduce impacts to the public, and avoid re-work that would occur if the projects were delivered independently. The City of Edina will let the combined projects under one contract to utilize both agencies federal funding in the most fiscally responsible manner. Separate funding columns will be included in the construction plan schedule of quantities to make a clear distinction between the two agency's federal funds.

The City of Edina Vernon Avenue / West 50th Street over TH 100 Interchange Improvements Project includes the realignment of Vernon Avenue, the partial reconstruction of the TH 100 SB Entrance Ramp, the reconfiguration of the redundant TH 100 NB Ramps, and a wider bridge over TH 100. The proposed, wider bridge includes left turn lanes for the TH 100 Entrance Ramps and wider, raised sidewalks.

The Hennepin County Vernon Avenue over CP Railway Bridge Replacement Project includes raising the bridge profile to meet CP Railway minimum vertical clearance requirements. To accommodate the change in elevation, the following intersections will be reconstructed: Vernon Avenue / Interlachen Boulevard / Gus Young Lane, Vernon Avenue / Arcadia Avenue, and Vernon Avenue / TH 100 SB Ramps. This project also includes the reconfiguration of the TH 100 SB Exit Ramp and the construction of a new noise wall in the northeast quadrant of the Vernon Avenue / West 50th Street over TH 100 Interchange.

ATTACHMENTS:



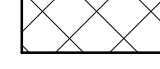
Colored Map

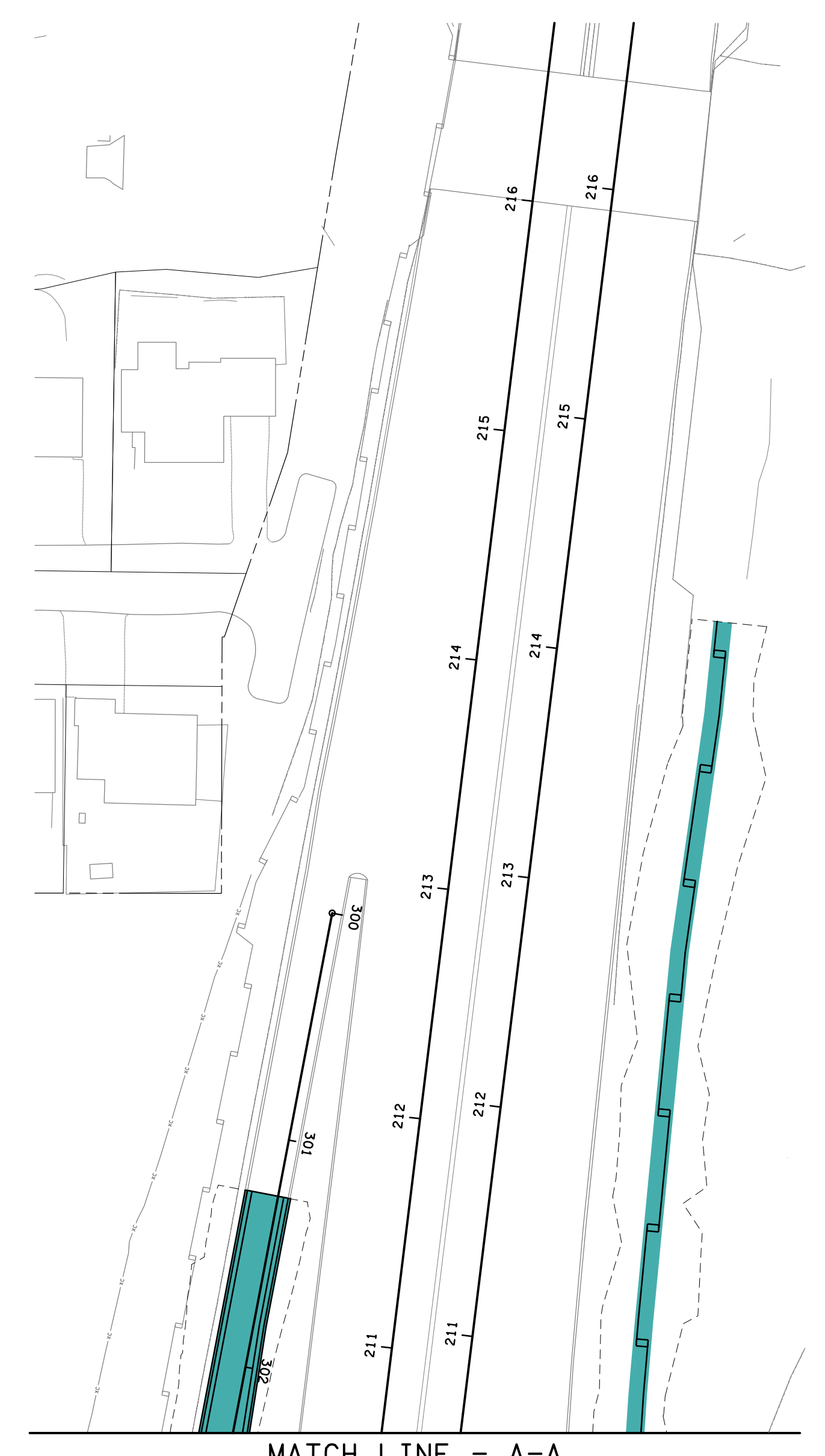
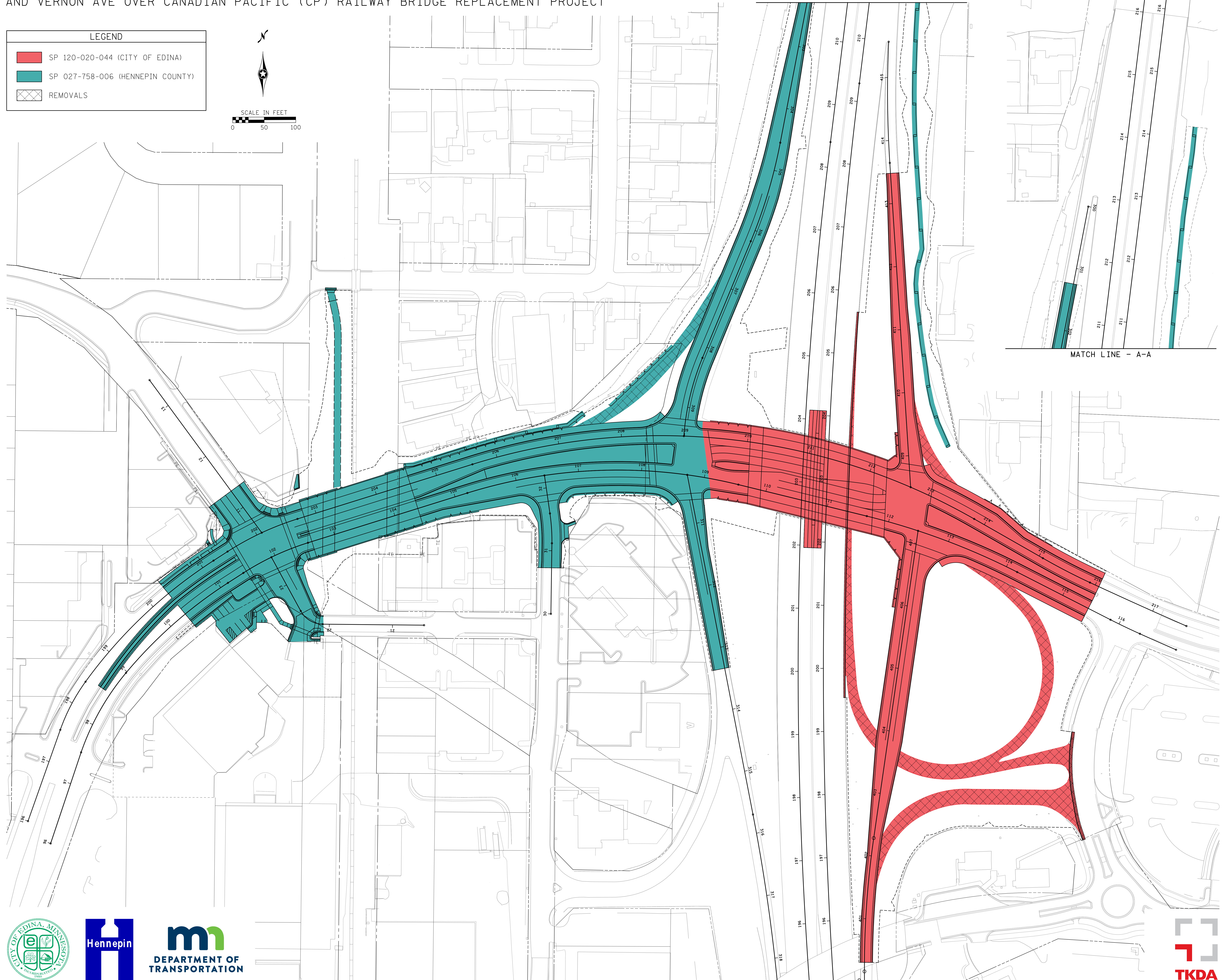
STIP Amendment required? Y

Formal Amendment_x_ STIP Modification _____

PROJECT MAP

CSAH 158 (VERNON AVE) / WEST 50TH STREET OVER TH 100 INTERCHANGE IMPROVEMENTS PROJECT
AND VERNON AVE OVER CANADIAN PACIFIC (CP) RAILWAY BRIDGE REPLACEMENT PROJECT

LEGEND	
	SP 120-020-044 (CITY OF EDINA)
	SP 027-758-006 (HENNEPIN COUNTY)
	REMOVALS



HENNEPIN COUNTY

MINNESOTA

September 25, 2023

Chad Millner, Director of Engineering
City of Edina
7450 Metro Boulevard
Edina, MN 55439

RE: Hennepin County's Request for the City of Edina to Administer Federal Funding for the Vernon Avenue (CSAH 158) Bridge #4510 Project over CP Rail (SP 027-758-006) HC# 2176600

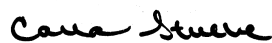
Mr. Millner:

Hennepin County requests that the City of Edina administer the Regional Solicitation federal funding for the CSAH 158 (Vernon Avenue) Bridge #4510 over CP Rail (SP 027-758-006) HC# 2176600 project.

The Vernon Avenue bridge replacement project is being combined with the City's successful Regional Solicitation TH 100/Vernon Avenue/50th Street Interchange project. Coordination of these projects will promote efficiencies, reduce impacts to the public, and avoid re-work that would occur if the projects were delivered independently. Construction under one contract will allow both agencies to utilize the available federal funding in the most fiscally responsible manner.

Thank you for your coordination on these projects and funding. We appreciate the forward thinking to ensure a successful partnership and outcome.

Sincerely,



Carla Stueve, P.E.
Hennepin County Highway Engineer

cc: File





September 29, 2023

Carla Stueve, P.E., P.T.O.E
Hennepin County Engineer
Transportation Project Delivery
1600 Prairie Drive
Medina, MN 55340

RE: Accepting Hennepin County's Request to Administer the Federal Funding
Vernon Avenue (CSAH 158) Bridge #4510 Project over CP Rail (SP 027-758-006) HC# 2176600

Dear Ms. Stueve:

The City of Edina hereby accepts Hennepin County's request to administer the Regional Solicitation federal funding for the proposed bridge project at CSAH 158 (Vernon Avenue) for Bridge #4510 over CP Rail.

The bridge project will be combined with the City's successful Regional Solicitation federal funding project the Tight Diamond Interchange Improvements. Coordination of these projects will promote efficiencies, reduce impacts to the public, and avoid re-work that would occur if the projects were delivered independently. Construction under one contract will allow both agencies to utilize the available federal funding in the most fiscally responsible manner.

The city looks forward to working with you on this project.

Sincerely,

A handwritten signature in black ink that reads "Chad A. Millner".

Chad A. Millner, P.E.
Director of Engineering
City of Edina

ENGINEERING DEPARTMENT

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