

STRAFFORD

Regional Planning Commission

June 17, 2022

Commissioner Victoria Sheehan
New Hampshire Department of Transportation
PO Box 483
Concord, NH 03302-0483

RE: 2021-2024 S/TIP Amendment #4

Dear Commissioner Sheehan:

This letter is to inform you that at its meeting held on Friday, June 17, 2022 the Strafford Metropolitan Planning Organization (Strafford MPO) Policy Committee approved Amendment #4 to the Strafford Metropolitan Planning Organization's *2021-2024 Transportation Improvement Program (TIP)*. This amendment contained project changes that impacted various transportation projects and programs in the Strafford Region.

Amendment #4 was approved following a public input process as stipulated in federal law and the NH STIP revision procedures as agreed upon through the Interagency process. A 10-day comment period began on **Tuesday, June 7, 2022**, and ended **Thursday, June 16, 2022**. A public hearing was held at the Strafford MPO Policy Committee meeting at **9:00 am on Friday, June 17, 2022**. During development of the amendment, prior to the public comment period, UNH Durham, and the City of Dover requested two projects be added to the out-years of the Strafford MPO Metropolitan Transportation Plan. Details for each project were described in public comment materials and were reviewed at the public hearing; they are provided with this approval packet.

In July 2013, all of New Hampshire was considered unclassifiable/attainment for the 2008 eight-hour ozone National Ambient Air Quality Standard (NAAQS), also known as the 2008 ozone standard. At that point, the 1997 eight-hour ozone NAAQS (the 1997 ozone standard) was revoked for transportation purposes in the Boston-Manchester-Portsmouth (SE) NH area. Transportation conformity no longer applies to the ozone NAAQS in New Hampshire in accordance with the "geographic applicability" of the transportation conformity rule at 40 CFR 93.102(b). On Oct. 16, 2015, the EPA issued a final rule reducing the NAAQS standard for ozone to 70 ppb from the previous 75 ppb. The region was still in compliance with the new standard, so this ruling did not affect the development of the Strafford MPO TIP.

The amendment and public notice of resulting changes are attached to this letter and were available at the Strafford Regional Planning Commission office, Rochester, Somersworth, and Dover Public Libraries, and on the SRPC website: www.trafford.org.

The approval of TIP Amendment #4 by the Strafford MPO Policy Committee officially amends the Strafford MPO *2021-2024 TIP* and the *2021-2045 Metropolitan Transportation Plan*.

Sincerely, 

Jennifer Czysz, AICP
Executive Director

Strafford Regional Planning Commission

cc: Strafford MPO Technical Advisory Committee and Policy Committee, NH MPO's
Leigh Levine, FHWA; Leah Sirmin, FTA; Tim White, NHDES

STRAFFORD REGIONAL PLANNING COMMISSION

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Strafford MPO

2021-2024 Transportation Improvement Program Amendment #4

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2021 - 2024 SRPC Transportation Improvement Program

2021-2024 Amendment 4

4/25/2022

Please refer to the 2021 - 2024 TIP document and project listing for detailed COAST transit funding information. NHDOT groups federal funding for statewide public transit in large programs (e.g. FTA 5307); MPOs and RPCs track funding for individual transit providers and projects. Strafford MPO is currently updating its project database and will be incorporating individual project funding for final publication of the 2021 - 2024 TIP.

NEWFIELDS - NEWMARKET 28393

Towns: NEWFIELDS, NEWMARKET
 Road: NH 108
 Scope: Bridge Rehabilitations, address bridges carrying NH 108 over BMRR Bridge numbers 127/081 & 125/054

Acronyms:

Approved Funding

Phase	Fiscal Year	Federal	State	Other	Total
PE	2024	\$290,615		\$0	\$290,615

Proposed Funding

Phase	Fiscal Year	Federal	State	Other	Total
PE	2024	\$290,616		\$0	\$290,616
ROW	2024	\$113,080		\$0	\$113,080

Change Notes

NHDOT Description of Changes

SRPC Notes

Added right-of-way phase and funding in 2024. Better representation of phase work and funding.

Funding Sources

FHWA

STBG-State Flexible

STBG-5 to 200K

Equity Bonus

BRGBIL

NHDOT

Toll Credit

DOVER - SOMERSWORTH - ROCHESTER 29604

Towns: DOVER, ROCHESTER, SOMERSWORTH

Road: NH 108

Scope: NH Rte 108 - Complete Streets consistent with improvements under U-3 alternative

Acronyms:

Approved Funding

Phase	Fiscal Year	Federal	State	Other	Total	
PE	2021	\$345,317		\$0	\$0	\$345,317
PE	2022	\$1,194,684		\$0	\$0	\$1,194,684
ROW	2023	\$1,485,000		\$0	\$0	\$1,485,000
CON	2024	\$4,561,352		\$0	\$0	\$4,561,352

Proposed Funding

Phase	Fiscal Year	Federal	State	Other	Total	
PE	2021	\$345,317		\$0	\$0	\$345,317
PE	2022	\$1,194,684		\$0	\$0	\$1,194,684
ROW	2023	\$1,485,000		\$0	\$0	\$1,485,000

Change Notes

NHDOT Description of Changes

Con funds moved out of STIP years, more time needed for project development. Covid 19 delayed project development and consultant has been expanding design alternatives. Total project budget was doubled in the draft 2023-2032 TYP.

SRPC Notes

Funding Sources

FHWA

- STBG-State Flexible
- STBG-Areas Less Than 200K
- STBG-50 to 200K
- STBG-5 to 200K

NHDOT

- Toll Credit

MILTON 43846

Towns: MILTON
Road: Silver/Dawson St.
Scope: On Silver St and Dawson St. Construct 2,770 linear feet of sidewalk
Acronyms:

Approved Funding

Proposed Funding

Phase	Fiscal Year	Federal	State	Other	Total
PE	2023	\$48,000	\$0	\$12,000	\$60,000
ROW	2024	\$26,317	\$0	\$6,579	\$32,896

Change Notes

NHDOT Description of Changes

SRPC Notes

New project in draft 2023-2032 TYP

Funding Sources

FHWA

STBG-5 to 200K

OTHER

Towns

MILTON, NH-LEBANON, ME 40658

Towns: Milton
 Road: Townhouse Road over Northeast Pond
 Scope: Bridge Replacement-Townhouse Road over Northeast Pond-formerly Br. #168/152 - proposed Br. #168/151
 Acronyms: MOBRR: Municipally-Owned Bridge Replacement and Rehabilitation

Approved Funding

Phase	Fiscal Year	Federal	State	Other	Total
PE	2022	\$77,000		\$0	\$106,750
ROW	2022	\$8,800		\$0	\$2,200
CON	2023	\$620,400		\$0	\$787,600
					\$1,408,000

Proposed Funding

Phase	Fiscal Year	Federal	State	Other	Total
PE	2022	\$228,000		\$0	\$342,000
ROW	2022	\$8,000		\$0	\$7,000
CON	2023	\$600,800		\$0	\$901,200
					\$1,502,000

Change Notes

NHDOT Description of Changes

SRPC Notes

Overall project budget increased; adding in funds from Maine. New budget amounts align with current estimates and are reflected in the current Municipal and Interstate agreement

Funding Sources

FHWA

STBG-50 to 200K

STBG-5 to 200K

BRGBIL

OTHER

Towns

Maine

DOVER, NH - SOUTH BERWICK, MAINE 41433

Towns: DOVER
Road: Gulf Road
Scope: Address Red List bridge carrying Gulf Road over Salmon Falls River between Dover and South Berwick

Acronyms:

Approved Funding

Phase	Fiscal Year	Federal	State	Other	Total	
PE	2024	\$122,847		\$0	\$111,679	\$234,526

Proposed Funding

Phase	Fiscal Year	Federal	State	Other	Total	
PE	2022	\$110,000		\$0	\$100,000	\$210,000
PE	2024	\$56,540		\$0	\$51,400	\$107,940

Change Notes

NHDOT Description of Changes

SRPC Notes

Funding Sources

FHWA

STBG-State Flexible

BRGBIL

NHDOT

Toll Credit

OTHER

Maine

ROCHESTER 43552

Towns: ROCHESTER
Road: NH 11
Scope: Widen 2,100' of NH 11 to 4 lane configuration.
Acronyms:

Approved Funding

Proposed Funding

Phase	Fiscal Year	Federal	State	Other	Total
PE	2023	\$203,200	\$0	\$50,800	\$254,000

Change Notes

NHDOT Description of Changes

SRPC Notes

New project in the draft 2023-2032 TYP

Funding Sources

FHWA

National Highway Performance

OTHER

Towns

ROCHESTER 43840

Towns: ROCHESTER
Road: Nashoba/NH11
Scope: Signalization of Nashoba/NH11 intersection to address regional priority needs.
Acronyms:

Approved Funding

Proposed Funding

Phase	Fiscal Year	Federal	State	Other	Total
PE	2023	\$128,000		\$0	\$32,000
					\$160,000

Change Notes

NHDOT Description of Changes

SRPC Notes

New project in the draft 2023-2032 TYP

Funding Sources

FHWA

STBG-State Flexible

OTHER

Towns

PROGRAM MOBIL

Towns: Statewide
Road: Various
Scope: Municipal Bridge Rehabilitation and Replace Projects
Acronyms:

Approved Funding

Proposed Funding

Phase	Fiscal Year	Federal	State	Other	Total
CON	2023	\$6,750,000		\$0	\$6,750,000
CON	2024	\$6,750,000		\$0	\$6,750,000

Change Notes

NHDOT Description of Changes

SRPC Notes

Funding Sources

FHWA

MOBIL

PROGRAM MOBRR

Towns: Statewide
 Road: Various
 Scope: MUNICIPAL OWNED BRIDGE REHABILITATION & REPLACEMENT PROJECTS (MOBRR PROGRAM)

Acronyms:

Approved Funding

Phase	Fiscal Year	Federal	State	Other	Total	
PE	2021	\$160,000		\$0	\$40,000	\$200,000
PE	2022	\$80,000		\$0	\$20,000	\$100,000
PE	2023	\$400,000		\$0	\$100,000	\$500,000
PE	2024	\$400,000		\$0	\$100,000	\$500,000
ROW	2021	\$20,000		\$0	\$5,000	\$25,000
ROW	2022	\$44,000		\$0	\$11,000	\$55,000
ROW	2023	\$80,000		\$0	\$20,000	\$100,000
ROW	2024	\$80,000		\$0	\$20,000	\$100,000
CON	2021	\$3,520,000		\$0	\$880,000	\$4,400,000
CON	2022	\$3,576,000		\$0	\$894,000	\$4,470,000
CON	2023	\$5,780,000		\$0	\$1,445,000	\$7,225,000
CON	2024	\$5,780,000		\$0	\$1,445,000	\$7,225,000

Proposed Funding

Phase	Fiscal Year	Federal	State	Other	Total	
PE	2021	\$160,000		\$0	\$40,000	\$200,000
PE	2022	\$80,000		\$0	\$20,000	\$100,000
PE	2023	\$400,000		\$0	\$100,000	\$500,000
PE	2024	\$400,000		\$0	\$100,000	\$500,000
ROW	2021	\$20,000		\$0	\$5,000	\$25,000
ROW	2022	\$44,000		\$0	\$11,000	\$55,000
ROW	2023	\$80,000		\$0	\$20,000	\$100,000
ROW	2024	\$80,000		\$0	\$20,000	\$100,000
CON	2021	\$3,520,000		\$0	\$880,000	\$4,400,000
CON	2022	\$3,576,000		\$0	\$894,000	\$4,470,000
CON	2023	\$9,780,000		\$0	\$2,445,000	\$12,225,000
CON	2024	\$14,180,000		\$0	\$3,545,000	\$17,725,000

Change Notes

NHDOT Description of Changes

SRPC Notes

The program is being adjusted to accommodate necessary changes in children project fund amounts. Program includes the Milton NH/Lebanon ME bridge but is unaffected in this amendment.

Funding Sources

FHWA

STBG-State Flexible

Bridge Off System

OTHER

Other

PROGRAM USSS

Towns: Statewide
 Road: Various
 Scope: Project to update signing on state system
 Acronyms:

Approved Funding

Phase	Fiscal Year	Federal	State	Other	Total	
PE	2021	\$30,000		\$0	\$0	\$30,000
PE	2022	\$30,000		\$0	\$0	\$30,000
PE	2023	\$30,000		\$0	\$0	\$30,000
PE	2024	\$30,000		\$0	\$0	\$30,000
CON	2021	\$500,000		\$0	\$0	\$500,000
CON	2022	\$500,000		\$0	\$0	\$500,000
CON	2023	\$540,000		\$0	\$0	\$540,000
CON	2024	\$540,000		\$0	\$0	\$540,000

Proposed Funding

Phase	Fiscal Year	Federal	State	Other	Total	
PE	2021	\$30,000		\$0	\$0	\$30,000
PE	2022	\$30,000		\$0	\$0	\$30,000
PE	2023	\$30,000		\$0	\$0	\$30,000
PE	2024	\$30,000		\$0	\$0	\$30,000
CON	2021	\$500,000		\$0	\$0	\$500,000
CON	2022	\$3,090,000		\$0	\$0	\$3,090,000
CON	2023	\$540,000		\$0	\$0	\$540,000
CON	2024	\$540,000		\$0	\$0	\$540,000

Change Notes

NHDOT Description of Changes

SRPC Notes

The program is being adjusted to accommodate necessary changes in children project fund amounts. No affect on projects in the Strafford region.

Funding Sources

FHWA

STBG-State Flexible

National Highway Performance

NHDOT

Toll Credit

PROGRAM CRDR

Towns: Statewide

Road: Various

Scope: CULVERT REPLACEMENT/REHABILITATION & DRAINAGE REPAIRS (Annual Project)

Acronyms:

Approved Funding

Phase	Fiscal Year	Federal	State	Other	Total	
PE	2021	\$760,000		\$0	\$0	\$760,000
PE	2022	\$400,000		\$0	\$0	\$400,000
PE	2023	\$100,000		\$0	\$0	\$100,000
PE	2024	\$100,000		\$0	\$0	\$100,000
ROW	2021	\$5,500		\$0	\$0	\$5,500
ROW	2022	\$106,700		\$0	\$0	\$106,700
ROW	2023	\$54,100		\$0	\$0	\$54,100
ROW	2024	\$25,000		\$0	\$0	\$25,000
CON	2021	\$1,459,500		\$0	\$0	\$1,459,500
CON	2022	\$1,870,000		\$0	\$0	\$1,870,000
CON	2023	\$5,408,270		\$0	\$0	\$5,408,270
CON	2024	\$1,594,900		\$0	\$0	\$1,594,900
OTHER	2022	\$5,000		\$0	\$0	\$5,000
OTHER	2023	\$5,000		\$0	\$0	\$5,000
OTHER	2024	\$5,000		\$0	\$0	\$5,000

Proposed Funding

Phase	Fiscal Year	Federal	State	Other	Total	
PE	2021	\$760,000		\$0	\$0	\$760,000
PE	2022	\$400,000		\$0	\$0	\$400,000
PE	2023	\$100,000		\$0	\$0	\$100,000
PE	2024	\$100,000		\$0	\$0	\$100,000
ROW	2021	\$5,500		\$0	\$0	\$5,500
ROW	2022	\$106,700		\$0	\$0	\$106,700
ROW	2023	\$54,100		\$0	\$0	\$54,100
ROW	2024	\$25,000		\$0	\$0	\$25,000
CON	2021	\$1,459,500		\$0	\$0	\$1,459,500
CON	2022	\$1,870,000		\$0	\$0	\$1,870,000
CON	2023	\$7,408,270		\$0	\$0	\$7,408,270
CON	2024	\$3,594,900		\$0	\$0	\$3,594,900
OTHER	2022	\$5,000		\$0	\$0	\$5,000
OTHER	2023	\$5,000		\$0	\$0	\$5,000

OTHER	2024	\$5,000	\$0	\$0	<i>\$5,000</i>
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Change Notes

NHDOT Description of Changes

SRPC Notes

The program is being adjusted to accommodate necessary changes in children project fund amounts. No affect on projects in the Strafford region.

Funding Sources

FHWA

STBG-State Flexible

STBG-Off System Bridge

National Highway Performance

NHDOT

Toll Credit

PROGRAM TSMO

Towns: Statewide
 Road: Transportation Systems Management and Operations
 Scope: Statewide Transportation Systems Management and Operations, ITS Technologies, Traveler Info

Acronyms:

Approved Funding

Phase	Fiscal Year	Federal	State	Other	Total	
OTHER	2021	\$350,000		\$0	\$0	\$350,000
OTHER	2022	\$1,050,000		\$0	\$0	\$1,050,000
OTHER	2023	\$725,000		\$0	\$0	\$725,000
OTHER	2024	\$725,000		\$0	\$0	\$725,000

Proposed Funding

Phase	Fiscal Year	Federal	State	Other	Total	
OTHER	2021	\$350,000		\$0	\$0	\$350,000
OTHER	2022	\$1,250,000		\$0	\$1,017,589	\$2,267,589
OTHER	2023	\$1,500,000		\$0	\$1,904,042	\$3,404,042
OTHER	2024	\$2,500,000		\$0	\$1,785,308	\$4,285,308

Change Notes

NHDOT Description of Changes

SRPC Notes

The program is being adjusted to accommodate necessary changes in children project fund amounts & Funding type adjusted to better align with available federal funding. No affect on projects in the Strafford region.

Funding Sources

FHWA

STBG-State Flexible

National Highway Performance

NHDOT

Toll Credit

OTHER

Vermont

Maine

2021-2024 Transportation Improvement Program – Amendment 4 Concurrent updates to the Strafford MPO Metropolitan Transportation Plan

Amendment 4 includes two projects being added to the out years of the 2021-2024 Metropolitan Transportation Plan (Metro Plan):

- South Drive on the Durham campus of the University of New Hampshire (UNH)
- Complete streets improvements on Central Avenue between Silver St and Janness St in Dover, NH

UNH and Dover requested that these projects be added to the Metro Plan in support of future applications for federal funding. Both projects have been developed locally; South Drive has been part of the UNH Campus Master Plan for many years, and the Central Ave project is in Dover’s Capital Improvements Program. UNH and Dover have both committed local matching funds and are in the process of developing these projects. Pending approval of amendment 4, the two projects affect overall fiscal constraint of the Metro Plan so details are provided below. In the graph below, the two red arrows show in which years the projects were added to the plan. UNH South Drive was added in year 2031 and Dover’s Central Ave project was added to 2032. Note that UNH and Dover are pursuing local and federal funding and the projects may be executed much sooner than the dates assigned in the Metro Plan.

UNH South Drive

UNH has partially constructed a new road to connect Main Street, at the roundabout just west of campus, to McDaniel Drive. The road will include pedestrian facilities and culvert and bridge work. The project will demonstrate new materials technologies; enhance bike/pedestrian safety, improve emergency response times, complete a necessary additional grade-separated crossing of the Pan Am rail line, and support southwest quad campus development. A more detailed project report is included with the amendment information.

Central Ave Complete Streets

Dover has begun development of a project to improve a section of Central Avenue (NH108) between Silver St and Janness St as a complete street. The city has committed local funds for match and a consultant has begin design work. The project will upgrade this southern downtown gateway with improved traffic safety, new bicycle and pedestrian facilities, transit considerations, and traffic technologies.

Figure 1 - Strafford Region Programmed Federal Funding for Local & Regional Projects in Fiscal Years 2031-2045 (Millions of Dollars)





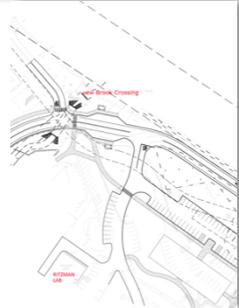
South Drive - \$3.51M Infrastructure Investment Opportunity

The Project:

Completion of a 1/2 mile street, culvert/bridge, sidewalk, transit and ped improvements for the corridor connecting Main Street (roundabout) to McDaniel Drive on the campus of the University of New Hampshire, Durham.

This essential transport corridor was envisioned in the 2004 Campus Master Plan and reaffirmed in 2012. By relieving Main Street congestion the project will improve transit operations and reduce fuel consumption, travel times and emissions. The project will demonstrate new materials technologies; enhance bike/pedestrian safety, improve emergency response times, complete a necessary additional grade-separated crossing of the Pan Am rail line, and support southwest quad campus development.

Western portions of the road were constructed with University funds 2016-19. The road is temporarily being used as a limited detour but requires infrastructure upgrade for general use. Funds would be used to construct a required new crossing of College Brook, realignment of the roadway revised to the footprint of the Health Science Simulation Center (HSSC) and full pedestrian and transit connections.



Benefits to be provided by South Drive:

- **Reduced Main Street congestion** - provides direct connection from southwest quad/core campus to Main St
- **Improved transit efficiency** streamlined routes will reduce reliance on the congested Main Street corridor - reducing fuel consumption, improving schedule compliance and improving air quality
- **Improved access** to the southwest quadrant of campus from the University's western gateway facilitating additional development of academic and research space within a 5-minute walk of core campus
- **Enhanced economic development** facilitating a new utility corridor for water and sewer services to the western areas of campus and Town, bypassing aged, overburdened systems under the Main St corridor
- **Enhanced public safety providing** an additional east-west separated grade corridor under the tracks and access to the planned future location of the Durham-UNH public safety and Fire complex
- **Significant long-term direct and spin-off benefit** to the University and Town of Durham in job creation, energy efficiency and economic development opportunities gained from southwest quadrant access.
- **Climate Resiliency** is provided by replacing an aging and inadequate crossing of College Brook

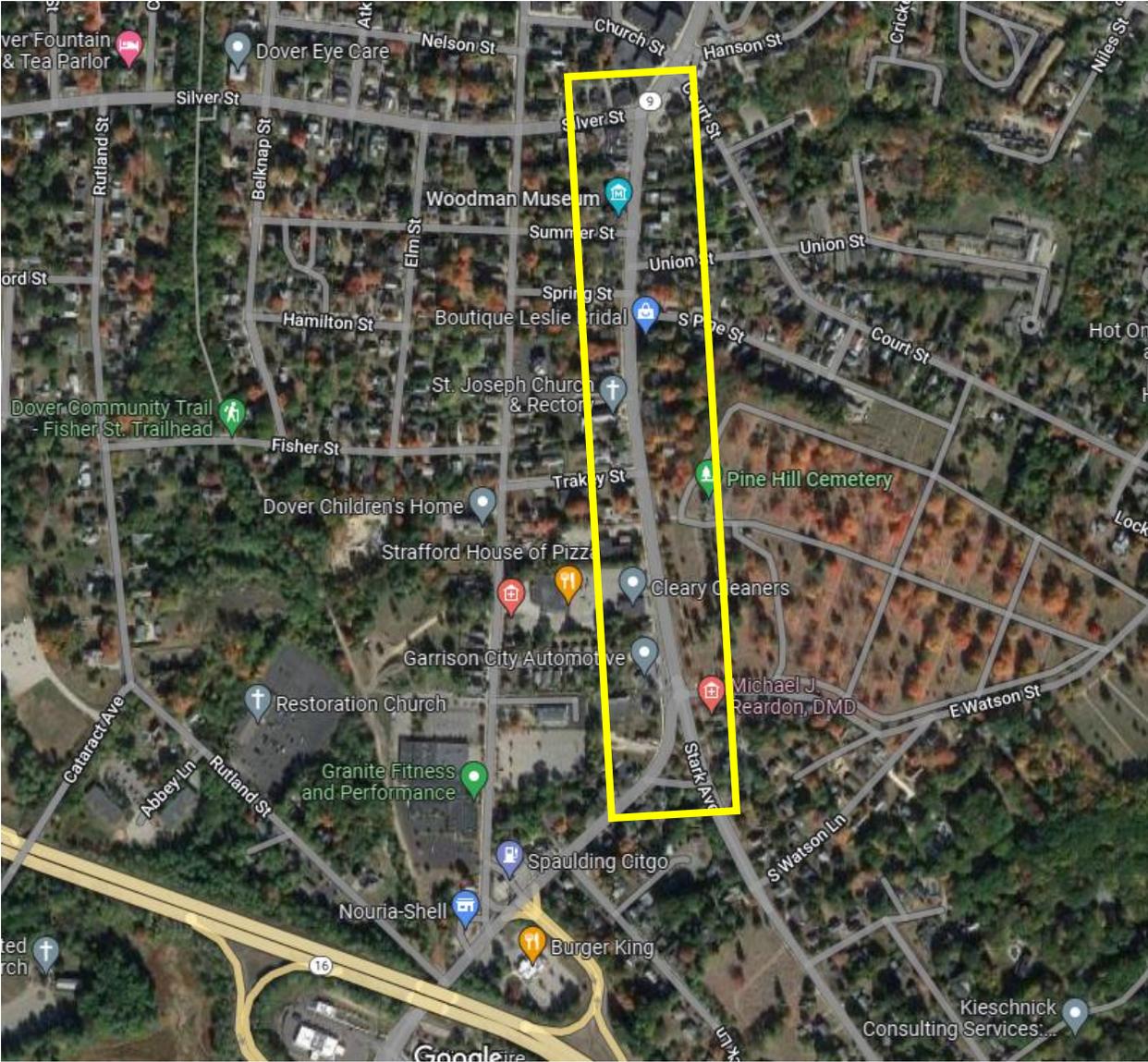
Cost Estimate, Engineering and Model Status:

2022 cost estimate includes final engineering and construction. No ROW is required. UNH has funded the project to 30% design. Revised wetlands permit pending. The remaining design and engineering elements could be completed within 1 year of award. Construction could be bid quickly after final design. Traffic & air quality modeling was completed in 2011 demonstrating emissions and local traffic congestion reduction.

Background on UNH and Transportation/Infrastructure Investment:

The University has the capacity and management systems to effectively and immediately manage any federal funds which might be invested in this corridor. UNH has a 25-year track record of successful management of projects funded through USDOT Federal Highway and Transit Administrations (UNH is a direct FTA grantee) as well as USEPA and USDOE. Matching funds for this project will be programmed in UNH capital budgets.

Approximate area of Dover's Central Ave complete streets project.



Public Comment Record – Strafford MPO 2021-2024 Transportation Improvement Program Amendment #4

June 17, 2022

A 10-day comment period began on **Tuesday, June 7, 2022**, and ended **Thursday, June 16, 2022**. A public hearing was held at the Strafford MPO Policy Committee meeting at **9:00 am on Friday, June 17, 2022**.

During development of the amendment, prior to the public comment period, UNH Durham, and the City of Dover requested two projects be added to the out-years of the Strafford MPO Metropolitan Transportation Plan. Details for each project were described in public comment materials and were reviewed at the public hearing; they are provided with this approval packet.

Comments received from members of the Strafford MPO Technical Advisory Committee meeting on June 3, 2022 at 9:00am

No substantive comments were submitted from the public or members of the Strafford MPO Technical Advisory Committee at their meeting on June 3, 2022.
The Technical Advisory Committee voted unanimously to recommend Amendment #4 to the 2021-2024 TIP for approval by the MPO Policy Committee.

Comments received during the public hearing held at the beginning of the Strafford MPO Policy Committee meeting on June 17, 2022 at 9:00am

No substantive comments were submitted from the public or members of the Strafford MPO Policy Committee at the public hearing at their meeting on June 17, 2022.
The Policy Committee voted unanimously to approve Amendment #4 to the 2021-2024 TIP.

