

VTrans Fall 2023 Transportation Alternatives (TAP) and

Municipal Highway and Stormwater Mitigation Program Grant (MHSMP) <u>Combined Application</u>

Thoroughly read the TAP and MHSMP application guidebooks before you begin your application. It includes important program information and step-by-step instructions. Pay particular attention to the application process requirements. **Applications are due by e-mail by December 8, 2023.** Please e-mail the completed application to: Ross.gouin@vermont.gov and Scott.robertson@vermont.gov.

Spear Street Shared Use Path	802-658-7961 ext. 6115				
(Project Name/Title)	(Phone)				
Erica Quallen	equallen@southburlingtonvt.gov				
(Municipality contact person responsible	(e-mail address)				
for the management of this project)	4 4000 000				
	\$ \$300,000				
South Burlington	Amount of Federal Funds requested (no more				
(Town) than 80% of the project cost estimate).					
05403	\$75,000				
(Zip Code)	Amount of Local Match. Example:				
	Federal Award = \$600,000 (80% of total)				
180 Market Street	Local Match = \$150,000 (20% of total)				
(Mailing Address)	Total Project Cost = \$750,000 (100% of the total)				
County: Chittenden County Town/Village/City: City of South Burlington					
Specific location, street, or road: Spear Street	from Swift Street to UVM Forestry Building				
Regional Planning Commission: Chittenden Co	unty Regional Planning Commission				
If a linear project, what is the length in feet? 3	,950 feet				
	entation that you have notified the VTrans District tent to apply for TA funding and have provided them				
Project type being applied for:	Scoping ⊠ Design/Construction				

The municipality understands will take roughly three years (pointed out in the TAP and M	(min.) in the Design and F	ROW phases prior	~	_	
Does this project have a previ	ously completed scoping	g or feasibility stu	dy?	Yes ⊠	No □
Note: Attach a map(s) of the project benefits from the proposed in downtown, village or growth boundary of the designated a	nprovement. If the project center, clearly indicate the	ect is within or ad he relationship of	ljacent to a design f the proposed pro	<u>nated</u>	
Fiscal Information:					
Accounting System	Automated \square	Manual $oxtimes$	Combination		
SAM Unique Identifier <u>#</u>	QLSMM3HYJJP1				
Fiscal Year End Month June	!				
Property Ownership:					
If the proposed project is on purchase, easement, or emine the "Uniform Act", then the nacquire the rights to construct	ent domain (includes ten nunicipality is committed	nporary construct	tion rights) in acco	ordance w	vith o
Funding: Does this project already have The project was funded in 202 CA 0668)		•	Yes ⊠ ceived \$300,000 (No □ (TAP TA21	
Please note that existing projectearance and ROW clearance is an updated NEPA clearance is related historical/archaeologicomponents are currently unchave been determined (and prot been received.	e. Please provide date of s being evaluated since tl cal and wetland impacts der way. The project is in	clearances below he alignment of t need to be deter Preliminary desi	r: he project has cha mined. These upo gn so estimated R	anged and dated OW impa	d the
Will you accept an award less	than you applied for?		Yes ⊠	No □	1
scope will be reduced (please be specific) yo	whether local funds will I. If the project scope is to bu would accept partial fo ed to make up the fundir	to be reduced, de unding for.	escribe what part of	of the pro	-

acknowl for cons	oport letter from the governing body of the applicant municipality owledgement and source of the local match and commitment to from the projects is required (must be dated within 1 year of the ort attached?	uture maintenance responsibility
	Yes □ No □	
	etter of support is on the City Council agenda for 12/18/2023 and arded to Ross and Scott.	the signed copy will be
In order	onal Planning Commission Letter of Support: der to apply, the project must have a letter of support from the report of support attached? Yes \boxtimes No \square	gional planning commission. Is a
the <u>Mu</u> below	ASE NOTE: If this application is for salt or sand shed funding, the a Municipal Assistance Section Salt Shed Application Guide. All of ow must thoroughly convey an understanding of the salt and sand	the following scoring questions
Applica	lication Scoring Criteria:	
1.	 Please give a brief description of the project (be sure to indicapplied for and be concise). (10 points max.) 	cate the primary facility type being
	The Spear Street Shared Use Path includes the design and conshared use path connecting existing paths on Swift Street at the Forestry Services Building at the northern terminus. The path be on the east side of the road from Swift Street to Songbird Fiside of the road and continues north to 705 Spear Street and the street of the road and continues north to 705 Spear Street and the street and th	ne southern terminus, and the UVM is in design and has been laid out to Road, where it crosses to the west
2.	 What is the feasibility of this project? Feasibility (or Scoping scored on this criterion. Also, please describe the extent of p (10 points max.) This project underwent scoping in 2020 as part of the South B 	project development to date.
	Feasibility Study. The preferred alternative in this study involv accommodate a path on the west side of the road. Upon furth	· ·

SouthBurlington PedestrianAndBicycleFeasibilityStudy FinalReport 20200929.pdf (ccrpcvt.org)

2022/2023 removes the realignment of the roadway and follows the alignment described above in

other alignments not considered in the scoping study, the conceptual design developed in

Project Development to date includes the development and submission of Conceptual Plans and Estimate (submitted to VTrans in May 2023), coordination with VTrans and DEC about interactions

Question 1.

with the I-189 bridges and Potash Brook crossing, property owner meetings, and a public meeting (held on November 8, 2023). Preliminary Plans are now in development.

3. Does this project address a need identified in a local or regional planning document? If so, please describe.

(5 points max.)

This project has been identified on South Burlington's Official Map (Official Map Complete Effective 2021-10-25.pdf (revize.com)) and is a key component of the north-south shared use path network adjacent to Spear Street. The project has been included in the City's Capital Improvement Program has been identified as a priority under the City's Penny for Paths initiative which aims to close the gaps in South Burlington's bicycle and pedestrian network.

4. Does this project:

A. Benefit a State Designated Center per the link below (i.e., downtowns, villages, or neighborhood growth centers recognized by the Vermont Department of Economic, Housing and Community Development?

Not applicable for Environmental Mitigation Categories (5 points max.) http://maps.vermont.gov/ACCD/PlanningAtlas/index.html?viewer=PlanningAtlas
The Spear Street Path project creates a connection for individuals coming from south to reach South Burlington's designated New Town Center and Neighborhood Development Area (centered around Market Street and Dorset Street, a.k.a. City Center) by providing a connection to existing facilities which lead in and out of this area. These connections can be made by travelling from the proposed path to the existing paths on Songbird Road and Dorset Street, or by continuing north on the current Spear Street Path and travelling across US-2 and the future I-89 Bike/Ped Bridge to reach City Center.

The southern terminus of the proposed Spear Street Path connects to many neighborhoods near Spear and Swift Streets and provides access to a robust path network in the western part of South Burlington which connects to Farrell Street and Shelburne Road. The construction of this path will allow residents of the new Spear Meadows housing development and other planned developments to reach the designated New Town Center on a safe and separated shared use path.

B. Benefit mobility for disadvantaged populations to include elderly, disabled, minorities, and low-income residents. Please describe this impact (if applicable) in detail. Supporting documentation, including recent data must be included.

Not applicable for Environmental Mitigation Categories (10 points max.)

In the current conditions, non-vehicular travelers are provided a safe shared use path facility on Spear Street, Swift Street or on the paths near I-189 and behind Farrell Park and are then left without a facility to complete their trips. Many people do not feel comfortable "taking the lane" and travelling with vehicular traffic on Spear Street, where speeds are high and there are steep hills. This connection will keep non-vehicular travelers separated from vehicles to provide safer and comfortable facilities for those who cannot or choose not to use a vehicle for transportation.

The segment of this project north of I-189 is located within a designated Opportunity Zone and connects to multiple Census Block Groups identified to have a Low-Moderate Income Percentage over 51% (Census Tracts 33.01 and 36 are directly adjacent to the project and are both located within the LMI > 51% Block Group).

Census Tract 33.01, located along the southern segment of the project, is home to a population where 17% of people speak a language other than English at home and 16.2% were born in a country other than the United States (compared to 9.3% and 7.6%, respectively, in all of Chittenden County). This Tract also has an average commute time 4 minutes shorter than the average Chittenden County worker, which provides a greater opportunity for a mode shift away from vehicles, especially if safer active transportation facilities are provided.

Census Tract 36, located along the northern segment of the project, is home to a population where 18.7% of individuals are 65 or older (compared to 17.2% in all of Chittenden County). Older individuals are more likely to have specialized mobility needs and would be less likely to be able to operate a vehicle and may require more heavily on non-motorized forms of transportation. The median household income in this Tract is \$11,000 lower and poverty rates are 3% higher than the rest of the County. This often leads to lower vehicle ownership and access and therefore increases the reliance on alternatives forms of transportation.

5. Provide a project cost estimate below (project costs below include both federal dollars and local dollars). Projects will be scored based on whether the cost appears realistic for the size and scope of the project. For scoping studies, use PE and Local Project Management lines only.

Note: If you are applying for additional funds for an existing project, show the amount being requested for this grant in the PE, ROW, Construction, Construction Engineering, and Municipal Project Management rows below. Also, be clear regarding total project cost and other funding amounts and sources in the additional funding comments box below. (10 points max.)

Preliminary Engineering (PE) (Engineering, Surveying, Permitting)	\$ 0
Right-of-way / Acquisition (ROW) (appraisals, land acquisition and legal fees)	\$ 0
Construction (construction costs with reasonable contingency)	\$ 300,000
Construction Engineering (cost to provide inspection during construction)	\$ 75,000
Municipal Project Management Costs	

\$ 0	
	\$ 0

Addition Funding Comments: (ex. Total and additional funding for existing projects)

The estimate associated with the May 2023 Conceptual Plans submission showed a total ROW and construction cost (including mobilization/demobilization, construction engineering and inspection, traffic control, and 15% contingency) of \$1,189,100.

Total Project Cost \$ 375,000

As of December 2023, \$137,440 has been spent on Preliminary Engineering our of a contract amount of \$261,909 (52% of contract amount spent).

The project currently has a \$300,000 grant (\$75,000 local match required) under TAP TA21(4)/CA0668.

Additional funding is being requested only to support construction costs, with the local match being shown as going towards construction engineering.

- 6. Select the eligibility category below (A, B, C or D) that best fits your project and answer the corresponding questions for that category (choose only one category). 10 bonus points will be awarded to projects that are primarily Bicycle or Pedestrian facilities.
 - A. Bicycle and Pedestrian Facilities (includes Safe Routes for Non-Drivers and Conversion of abandoned railroad corridors.
 - (i) Will the project contribute to a system of pedestrian and/or bicycle facilities? (10 points max.)
 - South Burlington has an expansive a growing network of over 20 miles of shared use paths, 30 miles of bike lanes, and 50 miles of sidewalks. The Spear Street Path project closes a key gap in this network. It will connect to existing paths on Swift Street (which continue east to Dorset Street and west to various neighborhoods) at its southern terminus, on Songbird Road in the middle of the project, and on Spear Street at its north terminus (which continues north to University and Medical Center and west to Farrell Street).
 - (ii) Will the project provide access to likely generators of pedestrian and/or bicyclist activity? (10 points max.)
 - By closing the gap in the path network noted above, there would be safer access from many neighborhoods to key destinations like UVM, UVMMC, and City Center (which is a retail and commercial center in South Burlington). A key component of this project is the connection to Songbird Road which is a popular route for kids going to and from the Middle and High Schools. A recent study of potential crosswalks in the City proposed a

crossing across Dorset Street from the eastern end of Songbird Road to the path on Dorset Street. This crosswalk was warranted almost entirely by students when the intersection was observed and pedestrian counts were conducted (<u>South Burlington Multi-Site Crosswalk Assessment (ccrpcvt.org)</u>).

The project is also between 0.5 - 1.5 miles from several City parks and natural areas, including Wheeler Nature Park, Veterans Memorial Park, City Center Park, Farrell Park, Overlook Park, Szymanski Park, and Hubbard Park.

CCRPC's 2022 update to the Regional Active Transportation Plan (ATP) proposed a connection on Spear Street and their Trip Potential Analysis showed this area as having a very high trip potential for walking and biking trips as well a high level of connectivity to destinations (2022 12 16 CCRPC ATP FINAL PLAN.pdf (ccrpcvt.org)).

(iii) Will the project address a known, documented safety concern? (10 points max.) Also documents in the CCRPC's 2022 ATP is the high level of traffic stress on Spear Street. This has long been an area of concern for the City and our residents since traffic speeds are high and the paved shoulders are too small. In 2023, we restriped Spear Street south of Swift Street to provide 5 – 6' bike lanes in both directions, but the roadway width in this segment does not allow for this to occur. Data collected north of this project showed an 85th percentile speed of 45 – 47 mph despite the posted speed limit of 35 mph. These data were collected at the crest of the steepest sections of Spear Street where this project is proposed. This would likely indicate that the speeds are even higher as cars descend the hills. An additional concern in the project area is the presence of the I-189 bridges. The roadway is situated tightly between bridge piers, leaving less spaces for pedestrians who walk on the outside of the pavement and create a physically and visually narrowed paved arrow for those sharing the road with vehicles.

	В.	Community	Improvement	Activities:
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i. Explain how the project improves the economic wellbeing of the community and/or provide a benefit to state tourism? (10 points max.)

Click here to enter text.

ii. Describe the anticipated impact to the public; degree of visibility, public exposure and/or public use. (10 points max.)

Click here to enter text.

- iii. Answer only one of the following based on the type of project:
 - a) Construction of turnouts, overlooks, and viewing areas as related to scenic or historic sites. *To what extent will the project provide a view of a highly unique and scenic area?*
 - b) (10 points max.)

Click here to enter text.

c) Preservation or rehabilitation of historic transportation facilities. *Describe the historic significance of the historic transportation facility and the importance of the facility to the state.* **(10 points max.)**

Click here to enter text.

d) Archeological planning and research related to impacts from a transportation project. Describe the associated transportation project and benefit of the proposed activities. (10 points max.)

Click here to enter text.

e) Vegetation management in transportation rights of way to improve roadway safety, prevent invasive species, and provide erosion control. *Describe the extent of the current problem and the impact on the site and surrounding area.* (10 points max.)

Click here to enter text.

□ c .	Environmental Mitigation Activity Related to Stormwater and Highways (Including Salt and Sand Sheds)
i.	Please describe how this application provides environmental mitigation relating to stormwater and highways. (10 points max.) Click here to enter text.
ii.	What information or data is provided to substantiate the current stormwater problem and associated environmental impacts? (10 points max.) Click here to enter text.
iii.	What substantiating data or information is provided to show that the proposed application is an effective and maintainable solution to the problem? (10 points max.) Click here to enter text.
□ D .	Environmental Mitigation Activity Related to Wildlife
i.	Please describe how this application will reduce vehicle-caused wildlife mortality or will restore and maintain connectivity among terrestrial or aquatic habitats. (10 points max.) Click here to enter text.
ii.	What information or data is provided to substantiate the current problem and associated environmental impacts? (10 points max.) Click here to enter text.
iii.	What substantiating data or information is provided to show that the proposed application is an effective and manageable solution to the problem? (10 points max.) Click here to enter text.



110 West Canal Street, Suite 202 Winooski, VT 05404-2109 802-846-4490 www.ccrpcvt.org

December 4, 2023

Scott Robertson, P.E. Municipal Assistance Bureau TA Coordinator VT Agency of Transportation 219 North Main Street Barre, VT 05641

Dear Scott:

This letter is in support of the City of South Burlington's application to the VTrans Transportation Alternatives (TAP) Grant Program for additional funding for the design and construction of a 3,500 foot long shared use path on Spear Street that will close a critical gap in the City's growing walk/bike network. This project was scoped by the CCRPC in 2019 and received TAP funding in 2021 but the project cost has increased due to inflation and stormwater treatment. When constructed this project will connect to existing walk/bike facilities at the UVM Forestry building, along Songbird Road, and another path that runs parallel to Swift Street. This project is necessary to create a safe connection to the downtown district, schools, and parks.

This project is supported by several sections of the CCRPC's ECOS Plan related to active transportation projects:

One of the four broad goals established at the beginning of the document states: "Make public and private investments in the built environment to minimize environmental impact, maximize financial efficiency, optimize social equity and benefits, and improve public health." ECOS Plan page 8

In the transportation discussion of key issues there's this finding:

"More robust investment in transportation options – transit, walking/biking, carsharing and ridesharing – could reduce congestion, vehicle miles traveled, use of single occupancy vehicles, social exclusion, and could improve public health, and enhance the economic well-being of our residents, businesses and visitors." ECOS Plan page 63

Under future transportation investments, one of the identified focal areas is to: "Expand walking and biking infrastructure to support active transportation and to provide interconnection with the region's transit system." ECOS Plan page 93

The Public Health section also includes this as a priority strategy: "Obesity -- Create policies and environmental supports that increase access to active

transportation, active recreation, and healthy foods." ECOS Plan Page 103

The financial section of the transportation element of ECOS also notes a recommended shift in new transportation funding away from roadway investments and more into transportation alternatives like walking and cycling projects (see ECOS Plan page 180).

The Plan section on implementing transportation corridor improvements identifies this priority: "Expanding the bicycle and pedestrian networks with on- and off-road facilities and more sidewalks." ECOS Plan page 181

This project is also supported by the 2022 Regional Active Transportation Plan (ATP):

- Spear Street is identified as part of the proposed regional walk/bike network.
- The regional network is designed to accommodate connections to important destinations, particularly schools and growth centers.
- The ATP's goal is to create a safe, comfortable, and connected regional network of pedestrian and bicycle routes that appeal to all ages and abilities.
- The ATP supports the vision, goals and objectives of the CCRPC Metropolitan Transportation Plan, and the MTP recommends expanding walking and biking infrastructure to support active transportation, and improve interconnection with the region's transit system.

Thank you for your consideration of this project.

Sincerely.

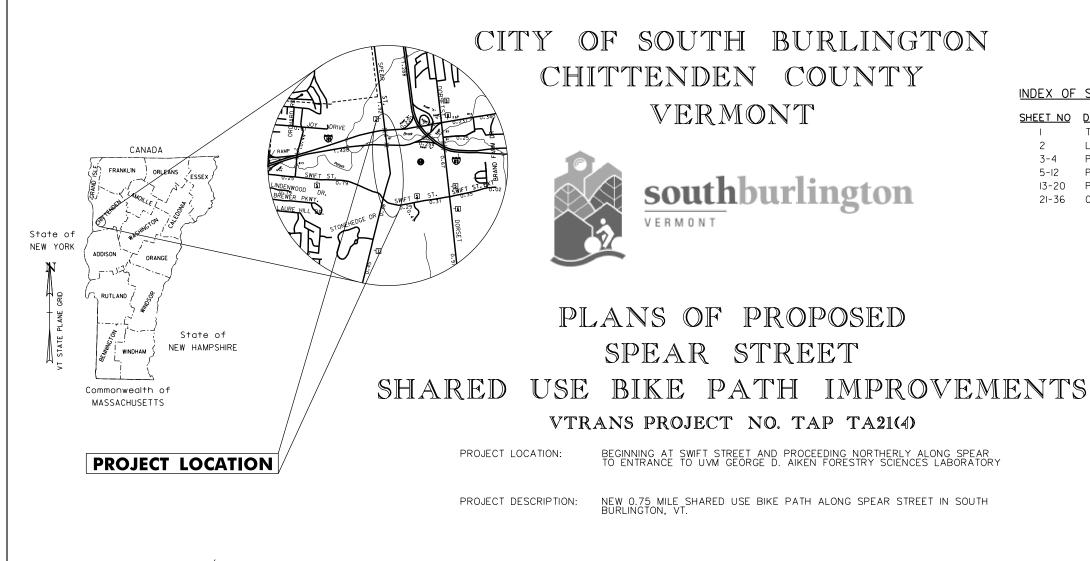
Bryan Davis

Senior Transportation Planner

Bryan Dani

cc: Chris Shaw, CCRPC South Burlington representative





CITY OF SOUTH BURLINGTON CHITTENDEN COUNTY VERMONT



INDEX OF SHEETS

SHEET NO DESCRIPTION TITLE SHEET

LEGEND SHEET PATH TYPICAL SECTIONS

PATH LAYOUT SHEETS 5-12 13-20 PATH PROFILE SHEETS

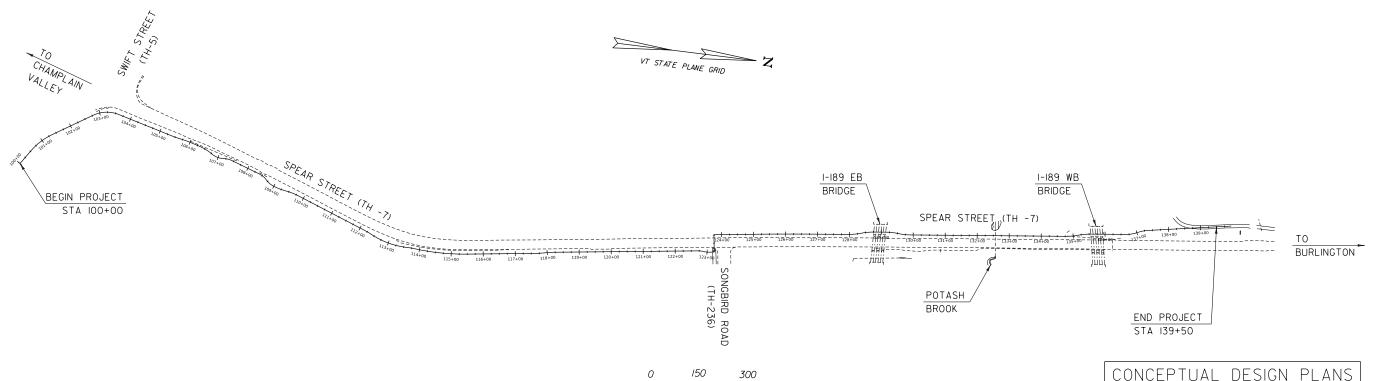
CROSS SECTIONS

PLANS OF PROPOSED SPEAR STREET

VTRANS PROJECT NO. TAP TA21(4)

BEGINNING AT SWIFT STREET AND PROCEEDING NORTHERLY ALONG SPEAR TO ENTRANCE TO UVM GEORGE D. AIKEN FORESTRY SCIENCES LABORATORY

NEW 0.75 MILE SHARED USE BIKE PATH ALONG SPEAR STREET IN SOUTH BURLINGTON, VT.



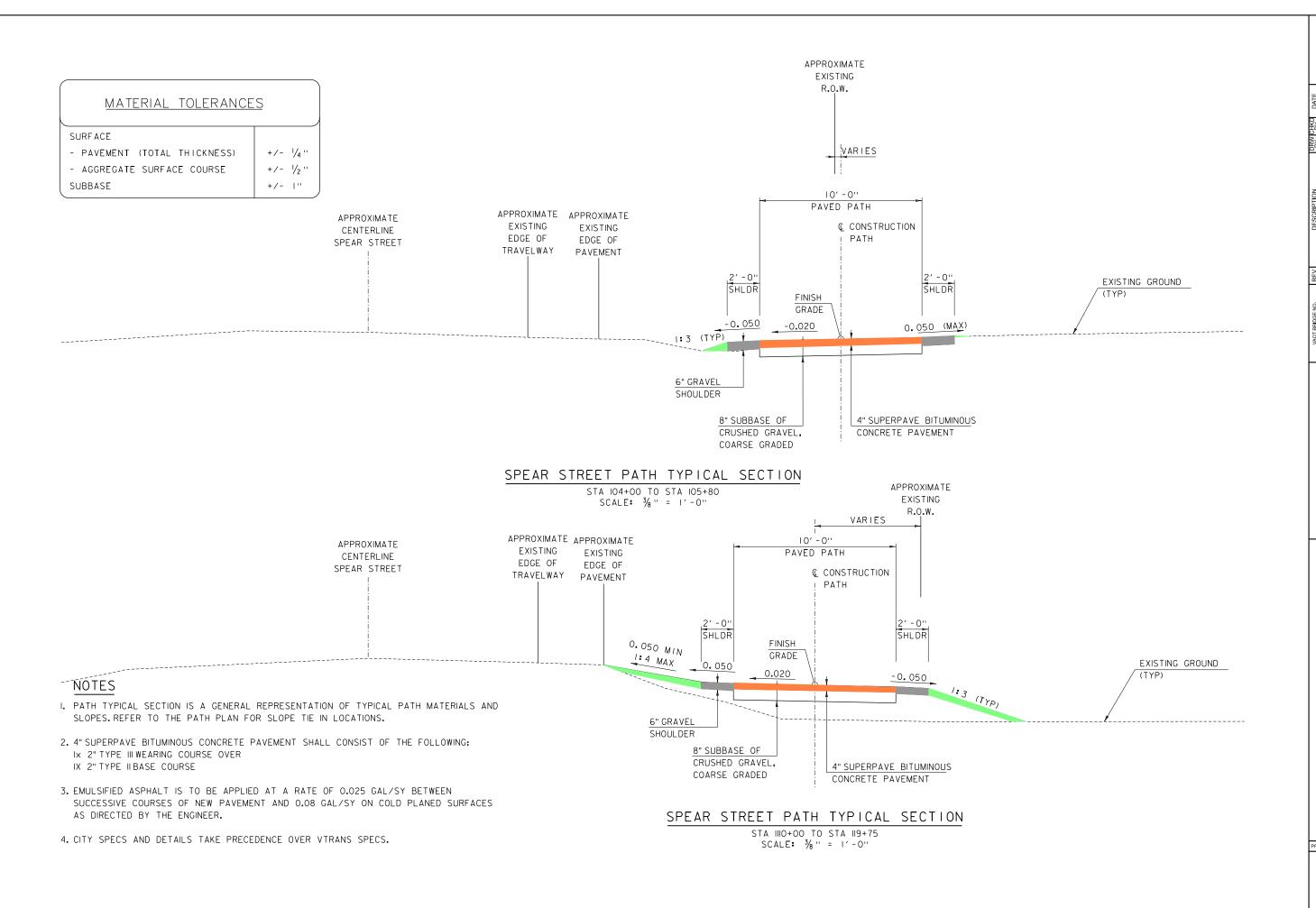
SCALE IN FEET

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PROJECT NO. 21.107880.00 SHEET NO.

SHEET 1 OF 36

NOT FOR CONSTRUCTION



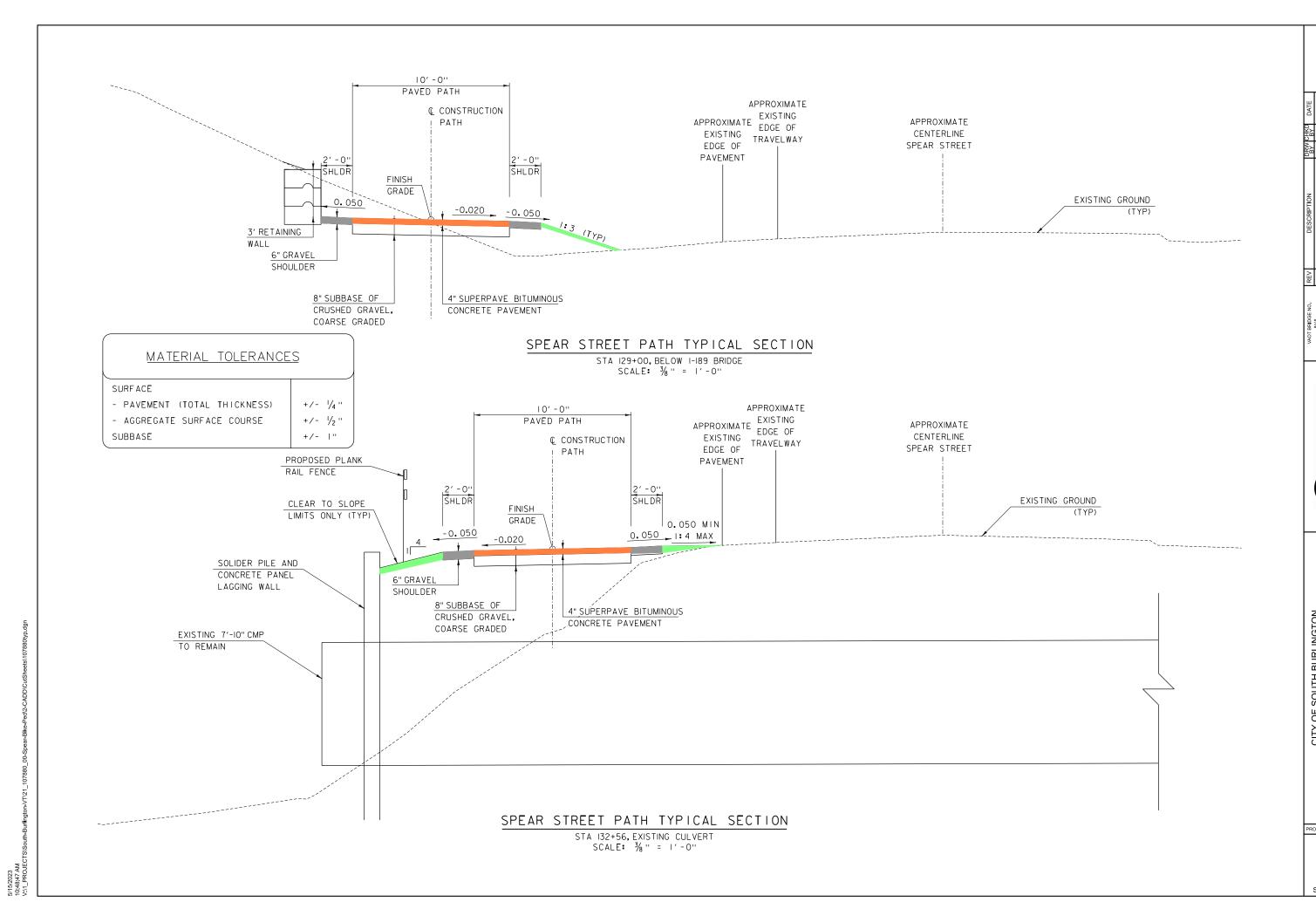
HOYLE
TANNER
125 College Street, 4th Floor · Burlington, V7 05401
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CITY OF SOUTH BURLINGTON
VTRANS PROJECT NO. TAP TA21(4)
STREET BIKE AND PEDESTRIAN IMPROVEMENTS

ROJECT NO. 21.107880. SHEET NO.

3

SHEET 3 OF 36



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125 Colege Street, 4th Floor - Burlington, VI 05401

CITY OF SOUTH BURLINGTON
VTRANS PROJECT NO. TAP TA21(4)
STREET BIKE AND PEDESTRIAN IMPROVEMENTS
SPEAR STREET TYPICAL SECTION (2/2)

JECT NO. 21.107880.00 SHEET NO.

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SHEET 4 OF 36

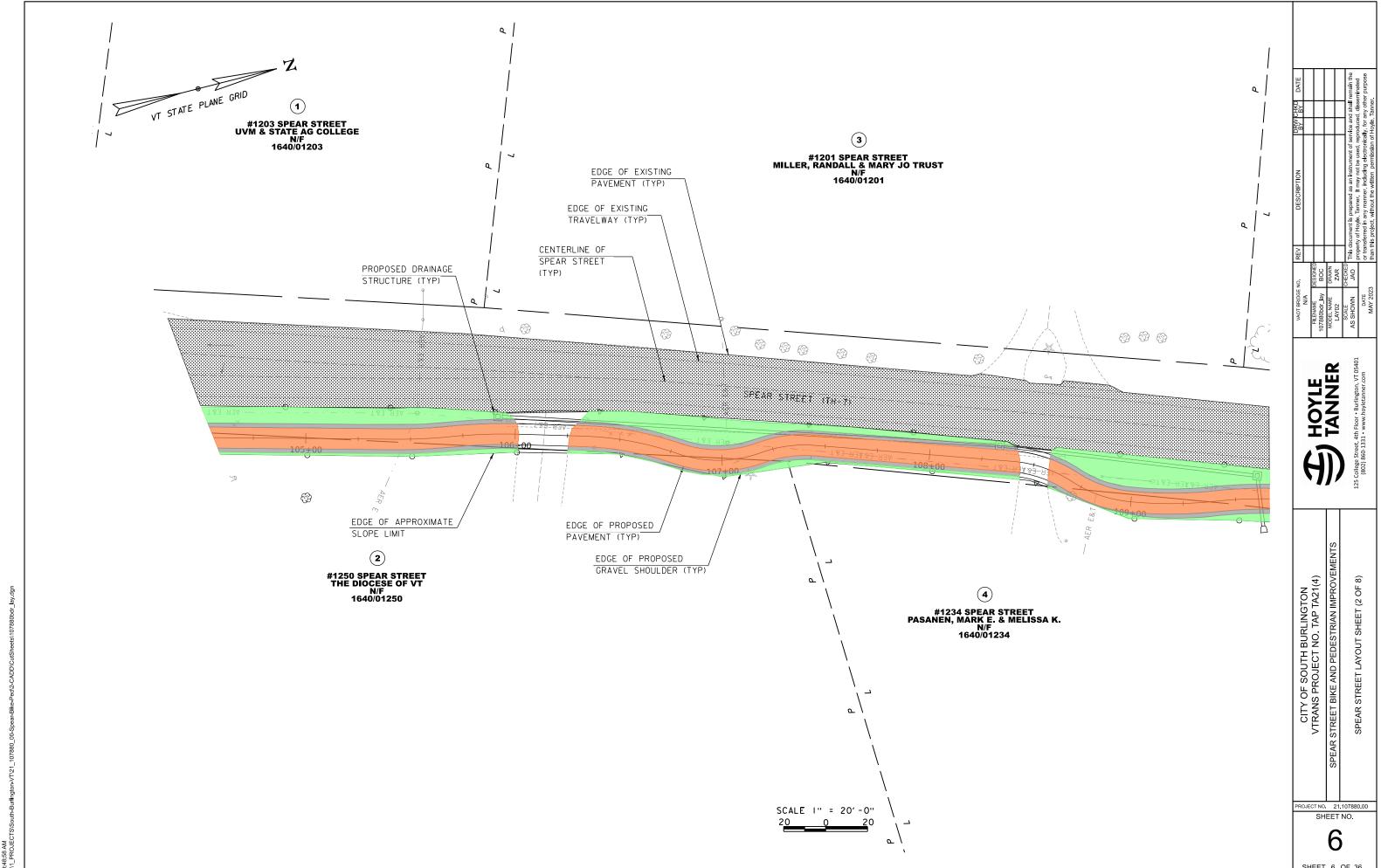
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SPEAR STREET LAYOUT SHEET (1 OF 8)

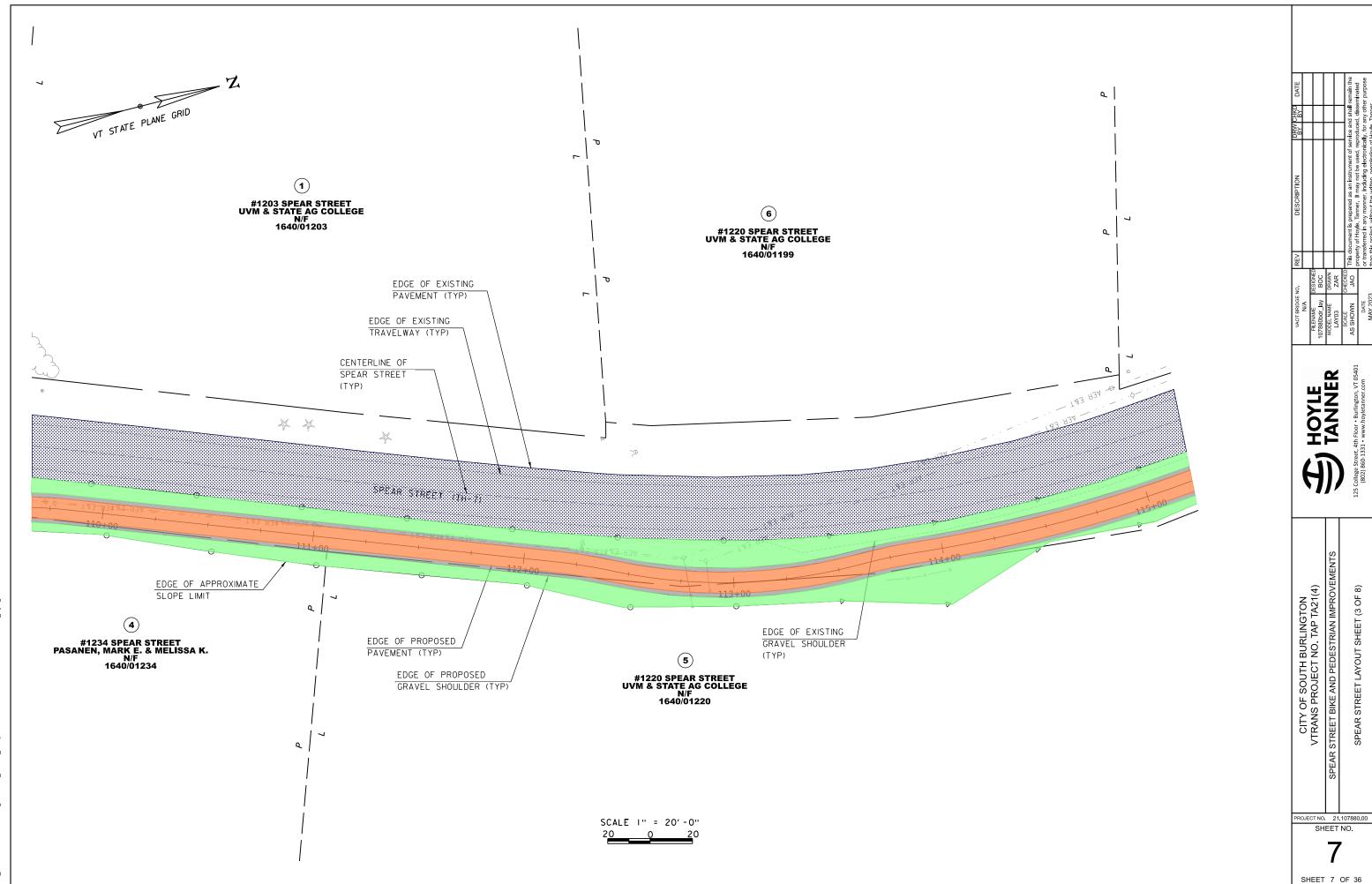
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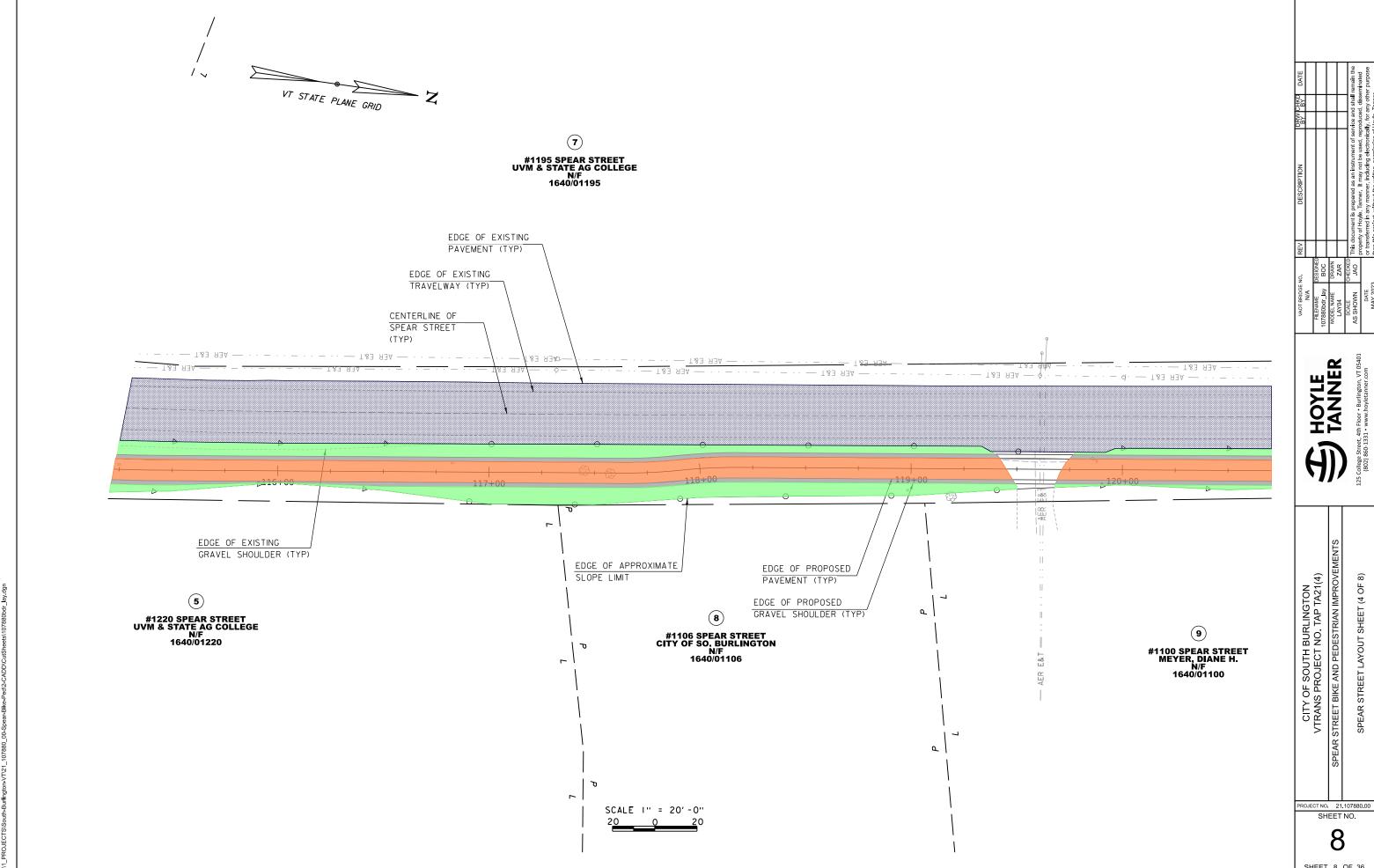
SHEET 5 OF 36



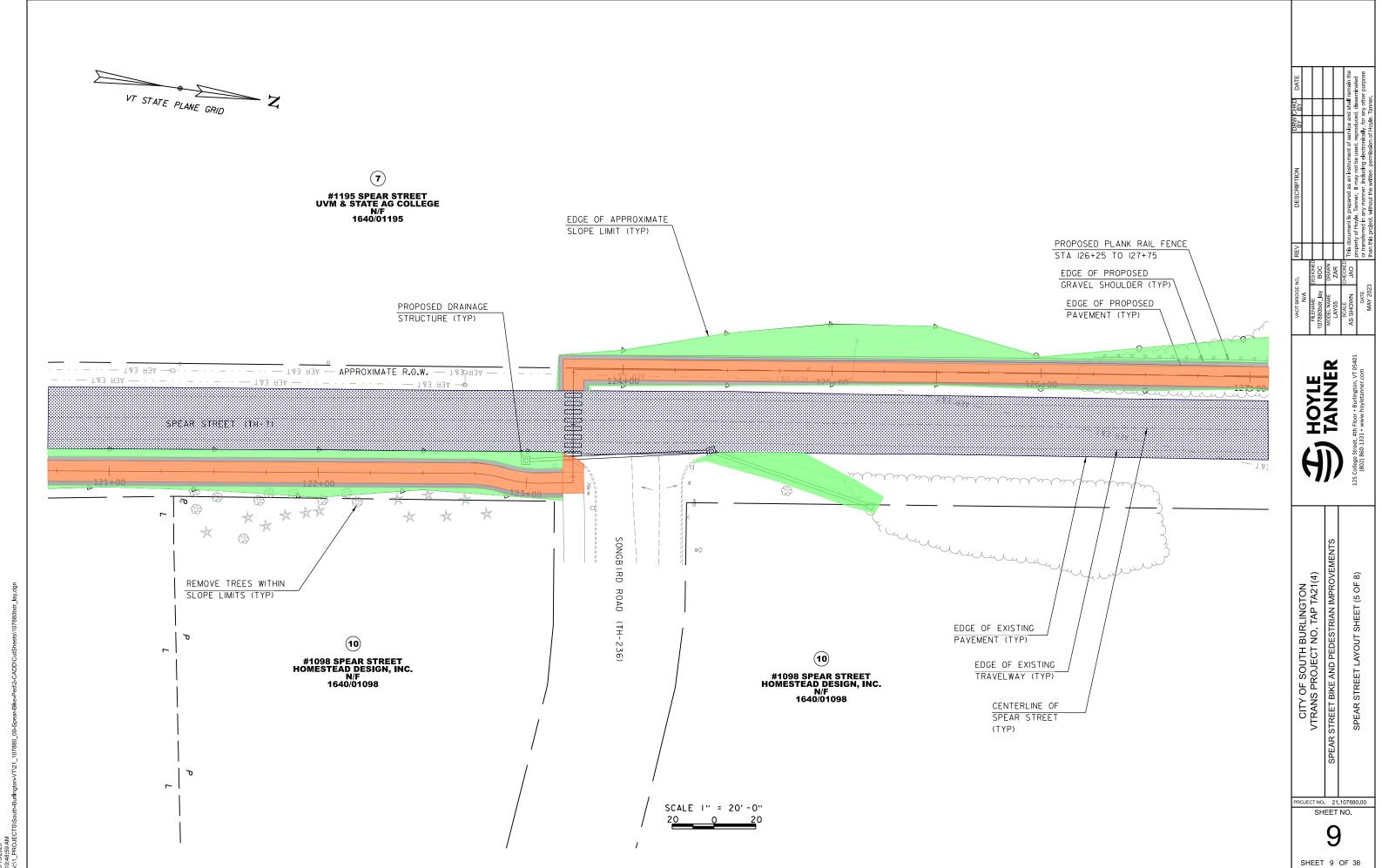
SHEET 6 OF 36

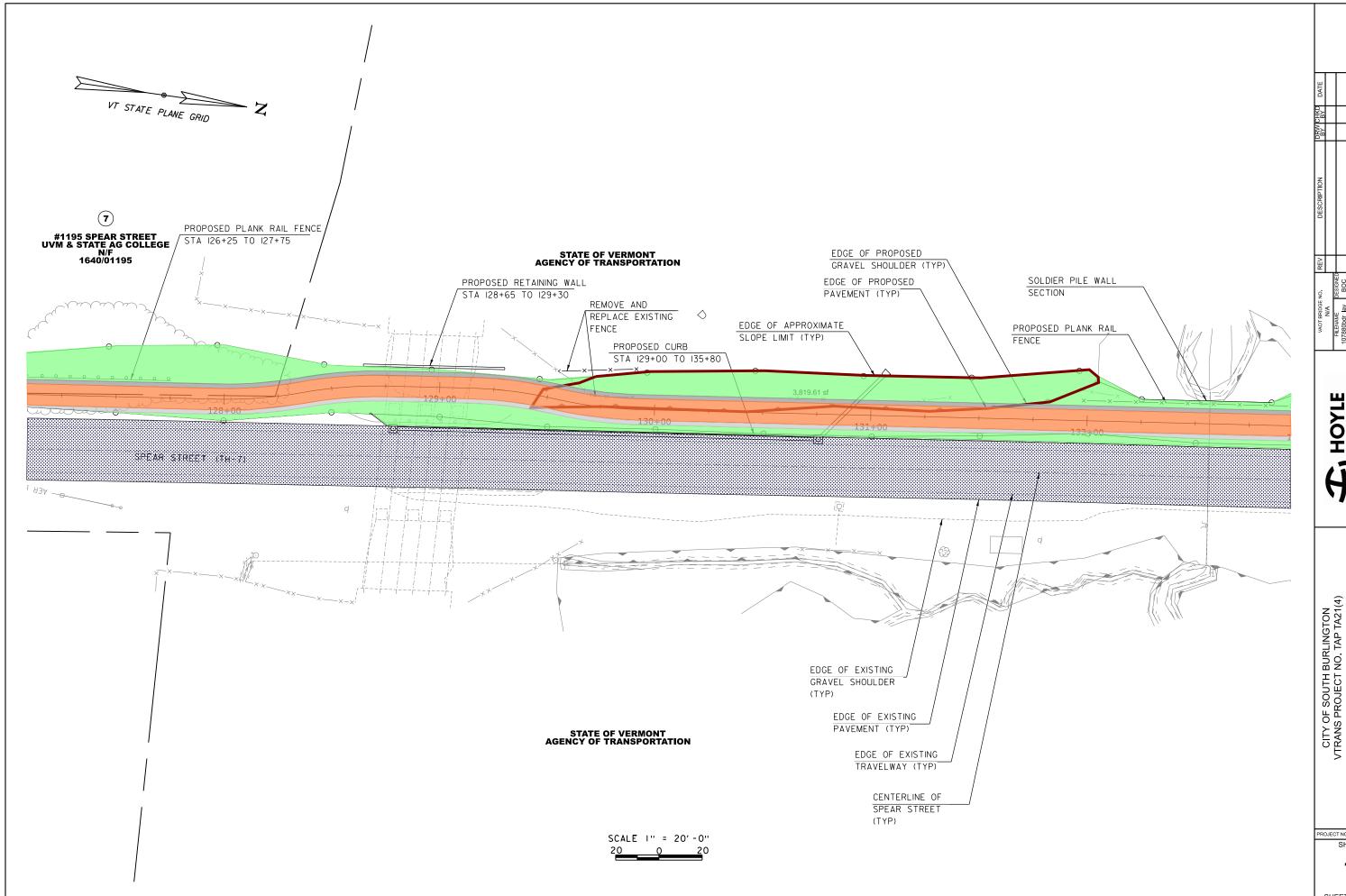


SHEET 7 OF 36



SHEET 8 OF 36





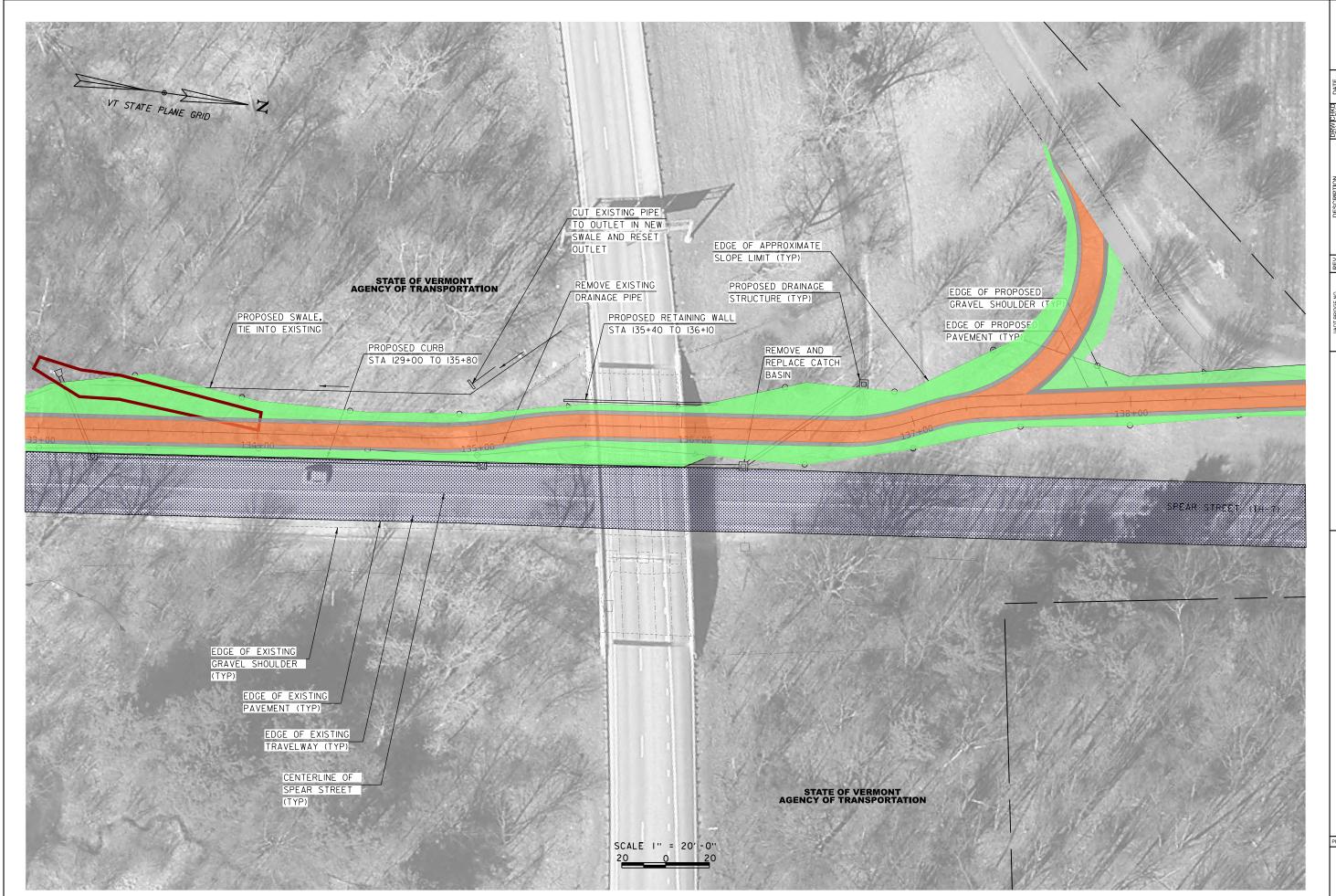
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VTRANS PROJECT NO. TAP TA21(4)
STREET BIKE AND PEDESTRIAN IMPROVEMENTS
SPEAR STREET LAYOUT SHEET (6 OF 8)

CT NO. 21.107880.00 SHEET NO.

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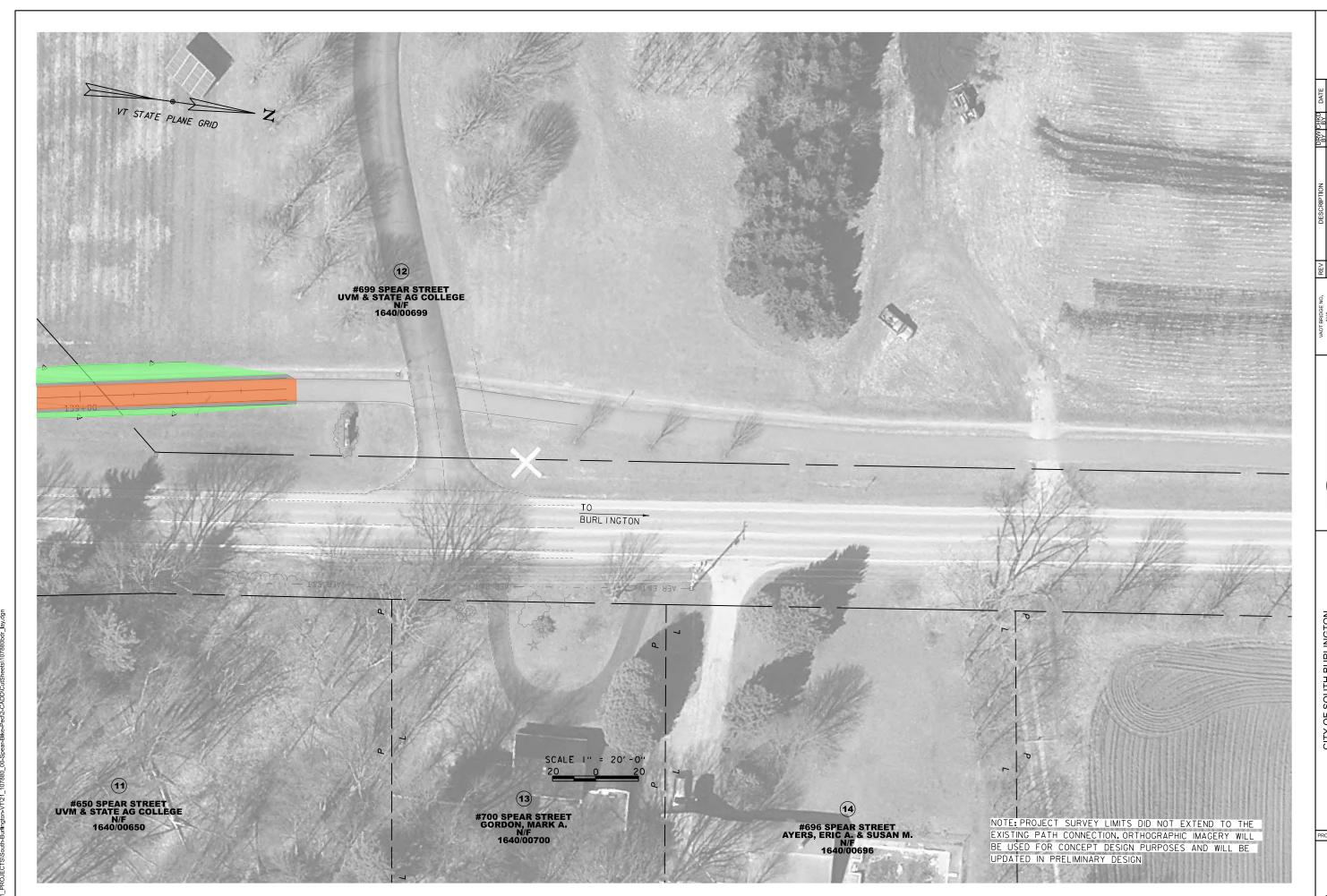
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SPEAR STREET LAYOUT SHEET (7 OF 8)

CITY OF SOUTH BURLINGTON VTRANS PROJECT NO. TAP TA21(4)

PROJECT NO. 21.107880.00 SHEET NO.

SHEET 11 OF 36



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SPEAR STREET LAYOUT SHEET (8 OF 8)

CITY OF SOUTH BURLINGTON VTRANS PROJECT NO. TAP TA21(4)

PROJECT NO. 21.107880.00 SHEET NO.

SHEET 12 OF 36



125 College Street (802) 860-1331

Calc. By:	ZAR	Date:	5/4/2023
Chck. By:	ВС	Date:	5/12/2023
QA'd By:		Date:	
Chck. Bv:		Date:	

Spear Street Bike/Ped Improvements Engineers Estimate of Probable Construction Costs Hoyle Tanner Project No. 21.107880.00

CONCEDELLAL ECCUMATE								
	CONCEPTUAL ESTIMATE							
	A - MAJOR ITEMS							
ITEM NO.	DESCRIPTION	UNIT	QTY		JNIT COST		COST	
201.10	CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS	LS	1	\$	20,000.00	\$	20,000.00	
203.15	COMMON EXCAVATION	CY	2360	\$	15.00	\$	35,400.00	
203.31	SAND BORROW	CY	2240	\$	27.00	\$	60,480.00	
210.10	COARSE-MILLING, BITUMINOUS PAVEMENT	SY	25	\$	2.50	\$	62.50	
301.25	SUBBASE OF CRUSHED GRAVEL, COARSE GRADED	CY	1070	\$	40.00	\$	42,800.00	
401.10	AGGREGATE SURFACE COURSE	CY	300	\$	50.00	\$	15,000.00	
406.35	SUPERPAVE BITUINOUS CONCRETE PAVEMENT	TON	1090	\$	90.00	\$	98,100.00	
406.38	HAND PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES	SY	70	\$	25.00	\$	1,750.00	
616.28	CAST-IN-PLACE CONCRETE CURB, TYPE B	LF	770	\$	35.00	\$	26,950.00	
620.45	PLANK RAIL FENCE	LF	253	\$	40.00	\$	10,120.00	
651.35	TOPSOIL	CY	250	\$	50.00	\$	12,500.00	
900.640	SPECIAL PROVISION (RETAINING WALL)	LS	1	\$	145,500.00	\$	145,500.00	
	MISCELLANEOUS ROADWAY		8% OF AE	BOVE	TOTAL	\$	37,493.00	
			SUBTOTA	L A		\$	506,155.50	
SECTION E	3 - MISCELLANEOUS ITEMS							
SIGNS, MAI	RKINGS, LOAM/HUMUS, PLANTINGS, ETC.		10%			\$	50,615.55	
			SUBTOTA	AL B		\$	556,771.05	
SECTION O	C - MISCELLANEOUS DRAINAGE ITEMS							
ITEM NO.	DESCRIPTION	UNIT	QTY	ı	JNIT COST		COST	
601.0915	18" CPEP	LF	1540	\$	40.00	\$	61,600.00	
604.20	PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE	EA	11	\$	4,000.00	\$	44,000.00	
	MISCELLANEOUS DRAINAGE	LS	1	\$	35,649.09	\$	35,649.09	
	SUBTOTAL C \$ 698,020.14							



125 College Street
4th Floor
Burlington, VT 05401
(802) 860-1331

Calc. By:	ZAR	Date:	5/4/2023
Chck. By:	ВС	Date:	5/12/2023
QA'd By:		Date:	
Chck. By:		Date:	

Spear Street Bike/Ped Improvements Engineers Estimate of Probable Construction Costs Hoyle Tanner Project No. 21.107880.00

	CONCEPTUAL ESTIMATE					
SECTION I	O - TRAFFIC CONTROL					
ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST		COST
630.15	FLAGGERS	HR	1000	\$ 38.00	\$	38,000.00
641.11	TRAFFIC CONTROL, ALL-INCLUSIVE	LS	1	\$70,000.00	\$	70,000.00
	MISCELLANEOUS TRAFFIC CONTROL		10% OF AI	BOVE TOTAL	\$	10,800.00
			SUBTOTA	L D	\$	816,820.14
SECTION E	- EROSION AND SEDIMENT CONTROL					
EROSION, S	SEDIMENT, AND POLLUTION CONTROL				\$	7,500.00
(HAY BALES	S, SILT FENCE, SWPPP, TEMP. WATER POLL. C	ONTROL, ETC.)				
			SUBTOTA	LE	\$	824,320.14
SECTION I	- MISC., MOBILIZATION AND CONTINGE	ENCIES				
ROADWAY	MOBILIZATION		10%		\$	82,432.01
			SUBTOTA	L F	\$	906,752.15
SECTION I	H - CONSTRUCTION (CON)					
		ROUNDED	CONSTRUC	TION SUBTOTAL:	\$	907,000.00
		CON	ITINGENCY	15%	-	136,050.00
	C	ONSTRUCTION ENG	GINEERING	15%	\$	136,050.00
		CON TOTAL FOR	PLANNING		\$	1,179,100.00
SECTION I	- RIGHT-OF-WAY (ROW)					
			TAKES			\$0.00
			ASEMENTS	;		\$10,000.00
		R	OW TOTAL			\$10,000.00
	PROJECT TO	TAL COST (CON,	ROW, PE)	[\$1,189,100.00

This Engineers Estimate of Probable Construction Costs is based on the anticipated scope of work, as well as Hoyle, Tanner & Associates, Inc.'s experience with similar projects and understanding of current industry trends. The estimate has not been based on a final design for this project, and as such, it is intended to be preliminary in nature. It should be noted that changes in material or labor costs in the construction industry could impact the project cost in either direction.