# Traverse City Downtown Development Authority Regular Meeting



Friday, November 21, 2025 9:00 am

Commission Chambers, Governmental Center 400 Boardman Avenue Traverse City, Michigan 49684

The City of Traverse City does not discriminate on the basis of disability in the admission to, access to, treatment in, or employment in, its programs or activities. Interim Assistant City Manager, 400 Boardman Avenue, Traverse City, Michigan 49684, phone 231-922-4440, TDD/TTY 231-922-4412, VRS 231-421-7008, has been designated to coordinate compliance with the non-discrimination requirements contained in Section 35.107 of the Department of Justice regulations. Information concerning the provisions of the Americans with Disabilities Act, and the rights provided thereunder, are available from the ADA Coordinator.

If you are planning to attend and you have a disability requiring any special assistance at the meeting and/or if you have any concerns, please immediately notify the ADA Coordinator.

The City of Traverse City and Downtown Development Authority are committed to a dialog that is constructive, respectful and civil. We ask that all individuals interacting verbally or in writing with board members honor these values.

Downtown Development Authority: c/o Harry Burkholder, Executive Director (231) 922-2050 Web: www.dda.downtowntc.com 303 East State Street, Suite C Traverse City, MI 49684

# Welcome to the Traverse City Downtown Development Authority meeting

# **Agenda**

			Page
1.	CALL	_ TO ORDER	
2.	ROLI	L CALL	
3.	REVI	EW AND APPROVAL OF AGENDA	
4.	PUBI	LIC COMMENT	
5.	The p non-c witho ask th place Board remo	SENT CALENDAR  ourpose of the consent calendar is to expedite business by grouping controversial items together to be dealt with by one DDA Board motion ut discussion. Any member of the DDA Board, staff or the public may hat any item on the consent calendar be removed therefrom and ed elsewhere on the agenda for individual consideration by the DDA d; and such requests will be automatically respected. If an item is not eved from the consent calendar, the action noted in parentheses on the da is approved by a single DDA Board action adopting the consent dar.	
	A.	Consideration of approving the minutes of the October 17, 2025 DDA Regular Board Meeting (approval recommended)  October 17, 2025 DD Regular Meeting Minutes - PDF	5 - 8
	В.	Consideration of approving the October 2025 Financial Reports and Distributions for the DDA General, Old Town TIF and TIF-97 (approval recommended)  DDA October 2025 DDA General, Old Town TIF and TIF-97  Financial Report and Distributions - PDF	9 - 13
	C.	Consideration of approving the October 2025 Financial Report and Distributions for the Traverse City Arts Commission (approval recommended)  October 2025 TC Arts Commission Financial Report and Distributions - PDF	14
	D.	Consideration of approving entering into a contract with Corbin Design for Wayfinding and Signage Design Services for the Downtown Riverwalk.  Wayfinding and Signage Design Services Memo (Burkholder) - PDF	15 - 17

6.	ITEMS REMOVED FROM CONSENT CALENDAR				
7.	SPE	CIAL ORDER OF BUSINESS			
	A.	Farmers Market Advisory Committee Appointment  Farmers Market Advisory Committee Appointment Memo (Bohac) -  PDF	18 - 19		
8.	OLD	BUSINESS			
	A.	Rotary Square Design Development Phase (approval recommended)  Rotary Square Design Development Memo (Burkholder) - PDF  Progressive Rotary Square Survey Proposal - PDF  Progressive Rotary Square DD & CD Proposal - PDF	20 - 25		
	B.	Farmers Market Pavilion Final Design (approval recommended) <u>Farmers Market Pavilion Final Design Memo (Burkholder) - PDF</u> <u>Farmers Market Presentation (Beckett &amp; Raeder)</u>	26 - 37		
	C.	Two-Way Downtown Circulation Pilot Study (possible action)  Two Way Circulation Pilot Study Memo (Burkholder) - PDF  Downtown Traffic Operations and Circulation Summary and  Recommendation Memo (Progressive) - PDF  Downtown Improvement Recommendations Memo (Progressive) - PDF	38 - 100		
		<u>Downtown Circulation Summary Presentation (Progressive) - PDF</u>			
	D.	TIF-97 Project Priorities  TIF-97 Project Priorities Memo (Burkholder) - PDF	101		
9.	EXE	CUTIVE DIRECTOR REPORT			
	A.	Executive Director Report (Burkholder) - PDF	102 - 103		
10.	STA	FF REPORTS			
	A.	Arts Commission Liaison (Deputy Director) <u>Art Commission Liaison Memo (Bohac) - PDF</u>	104		
	B.	Director of Events and Engagement <u>Director of Events and Engagement Report (Klebba) - PDF</u>	105 - 106		
11.	REC	EIVE AND FILE			
12.	PUB	LIC COMMENT			

13.	ADJOURNMENT



# Minutes of the Downtown Development Authority for the City of Traverse City Regular Meeting Friday, October 17, 2025

A regular meeting of the Downtown Development Authority of the City of Traverse City was called to order at the Commission Chambers, Governmental Center, 400 Boardman Avenue, Traverse City, Michigan, at 9:00 a.m.

The following Board Members were in attendance: Board Member Jeff Joubran, Board Member Todd McMillen, Board Member Ed Slosky, Mayor Amy Shamroe, Board Member Shelley Spencer, Board Member Gary Howe, Board Member Mike Powers, and Board Member Caitlin Early

The following Board Members were absent: Board Member Peter Kirkwood

Chairperson Slosky presided at the meeting.

## (a) **CALL TO ORDER**

The meeting was called to order by Chair Slosky at 9:00am.

#### (b) **ROLL CALL**

### (c) REVIEW AND APPROVAL OF AGENDA

(1) That the Agenda be approved as presented.

## (d) PUBLIC COMMENT

The following addressed the board:

Richard Robbins

Richard Reaume

### (e) **CONSENT CALENDAR**

The purpose of the consent calendar is to expedite business by grouping non-controversial items together to be dealt with by one DDA Board motion without discussion. Any member of the DDA Board, staff or the public may ask that any item on the consent calendar be removed therefrom and placed elsewhere on the agenda for individual consideration by the DDA Board; and such requests will be automatically respected. If an item is not removed from the consent calendar, the action noted in parentheses on the agenda is approved by a single DDA Board action adopting the

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consent calendar.

- (1) Consideration of approving the minutes from the September 19, 2025 DDA Regular Board Meeting (approval recommended)
- (2) Consideration of approving the September 2025 Financial Reports and Distributions for the DDA General, Old Twn TIF, and TIF-97 (approval recommended)
- (3) Consideration of approving the August and September 2025 Financial Reports and Distributions for the Traverse City Arts Commission (approval recommended)

  That the Consent Calendar be approved as presented.

Moved by Amy Shamroe, Seconded by Todd McMillen

Yes: Jeff Joubran, Todd McMillen, Ed Slosky, Amy Shamroe, Shelley

Spencer, Gary Howe, Mike Powers, and Caitlin Early

Absent: Peter Kirkwood

CARRIED, 8-0-1 on a recorded vote

#### (f) ITEMS REMOVED FROM CONSENT CALENDAR

## (g) SPECIAL ORDER OF BUSINESS

## (h) OLD BUSINESS

(1) Rotary Square Final Design (approval recommended)

The following addressed the board:

Harry Burkholder

That the DDA Board approve the final conceptual design for Rotary Square with the request of staff to investigate restrooms in the surrounding areas.

(2) TIF-97 Project Priorities

The following addressed the board: Harry Burkholder

## (i) **NEW BUSINESS**

(1) DDA Website Contract (approval recommended)

The following addressed the board:

Harry Burkholder

Recommended Motion That the DDA Board approves to enter into a contract with Flightpath Creative for a cost of \$30,250 for website design and development services, subject to approval as to its form by the DDA Executive Director and Attorney

Moved by Mike Powers, Seconded by Amy Shamroe

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Yes: Jeff Joubran, Todd McMillen, Ed Slosky, Amy Shamroe, Shelley

Spencer, Gary Howe, Mike Powers, and Caitlin Early

Absent: Peter Kirkwood

CARRIED. 8-0-1 on a recorded vote

(2) Lower Boardman/Ottawa River Contract (approval recommended)

The following addressed the board:

Harry Burkholder

That the DDA Board approves to enter into a contract with GEI for a cost of \$247,800 for data gathering/site assessment, concept planning and design & engineering, subject to approval as to its form by the DDA Executive Director and Attorney

Moved by Amy Shamroe, Seconded by Caitlin Early

Yes: Jeff Joubran, Todd McMillen, Ed Slosky, Amy Shamroe, Shelley

Spencer, Gary Howe, Mike Powers, and Caitlin Early

Peter Kirkwood Absent:

CARRIED, 8-0-1 on a recorded vote

#### **EXECUTIVE DIRECTOR REPORT** (j)

(1) **Executive Director Report** 

> The following addressed the board: Harry Burkholder

#### **STAFF REPORTS** (k)

(1) **Director of Events and Engagement** 

> The following addressed the board: Harry Burkholder

#### (l) **RECEIVE AND FILE**

#### (m) **PUBLIC COMMENT**

The following addressed the board: Amy White

Richard Robbins

Amy Shamroe

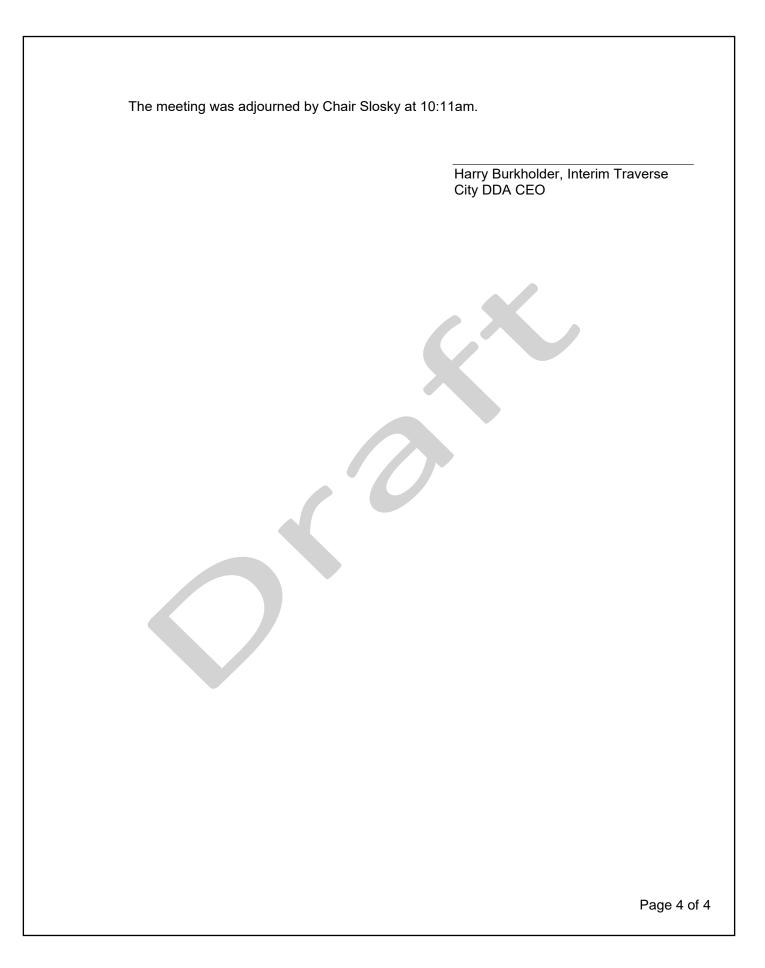
Ed Slosky

Shelley Spencer

Gary Howe

#### (n) **ADJOURNMENT**

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# REVENUE AND EXPENDITURE REPORT FOR TRAVERSE CITY PERIOD ENDING 10/31/2025

## % Fiscal Year Completed: 33.70

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GL NUMBER	DESCRIPTION	2025-26 AMENDED BUDGET	YTD BALANCE 10/31/2025	ACTIVITY FOR MONTH 10/31/2025	AVAILABLE BALANCE	% BDG' USE:
Fund 248 - DOWNTOV	WN DEVELOPMENT AUTHORITY					
Revenues						
Dept 000 - NON-DER	PARTMENTAL					
248-000-401.000	PROPERTY TAX REVENUE PRIOR YEAR ADJ	0.00	771.73	0.00	(771.73)	100.00
248-000-402.000	TAXES-CURRENT-REAL ESTATE	130,000.00	117,356.50	1,976.39	12,643.50	90.27
248-000-412.000	TAX-DELINQUENT-PERSONAL PROP	0.00	0.00	0.00	0.00	0.00
248-000-432.000	PAYMENT IN LIEU OF TAXES	0.00	1,329.31	0.00	(1,329.31)	100.00
248-000-476.060	VENDOR PERMITS	21,500.00	0.00	0.00	21,500.00	0.00
248-000-502.000	FEDERAL GRANTS	657,700.00	0.00	0.00	657,700.00	0.00
248-000-543.001	STATE GRANT	600,000.00	0.00	0.00	600,000.00	0.00
248-000-545.001	STATE GRANTS - OTHER	0.00	0.00	0.00	0.00	0.00
248-000-580.000		0.00	1,000.00	0.00	(1,000.00)	100.00
248-000-580.000	GRANTS FROM LOCAL UNITS GRANT PRIVATE SOURCE	500,000.00	0.00	0.00	500,000.00	0.00
248-000-626.000	CHARGES FOR SERVICES RENDERED	0.00	25,000.00	6,250.00	(25,000.00)	100.00
248-000-664.000	INTEREST & DIVIDEND EARNINGS	5,300.00	35.58	19.72	5,264.42	0.67
248-000-667.000	RENTS AND ROYALTIES	50,000.00	11,516.00	1,554.00	38,484.00	23.03
248-000-674.000	CONTRIBUTIONS-PRIVATE SOURCES	0.00	0.00	0.00	0.00	0.00
248-000-675.000	CONTRIBUTIONS-PUBLIC SOURCES	75,000.00	0.00	0.00	75,000.00	0.00
248-000-676.000	REIMBURSEMENTS	0.00	32.20	22.33	(32.20)	100.00
248-000-692.000	PRIOR YEARS' SURPLUS	0.00	0.00	0.00	0.00	0.00
248-000-699.000	TRANSFERS IN	712,500.00	0.00	0.00	712,500.00	0.00
Total Dept 000 - N	NON-DEPARTMENTAL	2,752,000.00	157,041.32	9,822.44	2,594,958.68	5.71
TOTAL REVENUES		2,752,000.00	157,041.32	9,822.44	2,594,958.68	5.71
Expenditures Dept 725 - DOWNTOW	N DEVELOPMENT AUTHORITY					
248-725-702.000	SALARIES AND WAGES	446,200.00	133,536.89	34,943.90	312,663.11	29.93
248-725-704.000	EMPLOYEE OVERTIME	0.00	0.00	0.00	0.00	0.00
248-725-706.000	EMPLOYEE OVERTIME	0.00	0.00	0.00	0.00	0.00
248-725-714.000	HEALTH SAVINGS ACCT EXPENSE	0.00	6,160.00	(110.00)	(6,160.00)	100.00
248-725-715.000	EMPLOYER'S SOCIAL SECURITY	32,900.00	10,184.68	2,733.12	22,715.32	30.96
248-725-716.000	EMPLOYEE HEALTH INSURANCE	49,800.00	7,916.22	2,119.81	41,883.78	15.90
248-725-717.000	EMPLOYEE LIFE/DISABILITY INS	200.00	1,141.58	326.02	(941.58)	570.79
	RETIREMENT FUND CONTRIBUTION	43,000.00	1,141.36	1,391.72	41,608.28	3.24
248-725-718.000			286.06			15.06
248-725-720.000	UNEMPLOYMENT COMPENSATION	1,900.00		318.00	1,613.94	
248-725-721.000	WORKERS COMPENSATION INS	5,200.00	2,177.00	0.00	3,023.00	41.87
248-725-727.000	OFFICE SUPPLIES	12,200.00	6,105.26	1,478.28	6,094.74	50.04
248-725-727.003	OFFICE FURNITURE AND EQUIPMENT	0.00	0.00	0.00	0.00	0.00
248-725-740.000	OPERATION SUPPLIES	61,400.00	31,566.65	8,077.31	29,833.35	51.41
248-725-801.000	PROFESSIONAL AND CONTRACTUAL	124,400.00	44,325.64	11,959.11	80,074.36	35.63
248-725-801.007	MEMBERSHIP DUES AND SUBSCRIPTIONS	7,000.00	922.98	0.00	6,077.02	13.19
248-725-801.008	FARMERS MARKET FOOD ASSISTANCE	0.00	15,444.00	6,081.00	(15,444.00)	100.00
248-725-802.000	INFORMATION TECHNOLOGY SERVICES	0.00	0.00	0.00	0.00	0.00
248-725-804.000	LEGAL SERVICES	34,000.00	5,325.00	5,325.00	28,675.00	15.66
248-725-805.000	POSTAGE	0.00	0.00	0.00	0.00	0.00
248-725-807.000	INSURANCE AND BONDS	0.00	0.00	0.00	0.00	0.00
248-725-821.000	MARKETING & PUBLIC SERVICES	0.00	0.00	0.00	0.00	0.00
248-725-822.000	INSURANCE AND BONDS	0.00	0.00	0.00	0.00	0.00
248-725-822.001	TRAINING/REGISTRATION/TUITION	2,500.00	0.00	0.00	2,500.00	0.00
248-725-822.002	LODGING AND TRAVEL	2,500.00	0.00	0.00	2,500.00	0.00
	COMMUNICATIONS	5,000.00	309.10	0.00	4,690.90	6.18
248-725-850 000						U.10
248-725-850.000 248-725-860.000	TRANSPORTATION	0.00	0.00	0.00	0.00	0.00

## REVENUE AND EXPENDITURE REPORT FOR TRAVERSE CITY

# PERIOD ENDING 10/31/2025 % Fiscal Year Completed: 33.70

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GL NUMBER	DESCRIPTION	2025-26 AMENDED BUDGET	YTD BALANCE 10/31/2025	ACTIVITY FOR MONTH 10/31/2025	AVAILABLE BALANCE	% BDGT USED
Fund 248 - DOWNTOW	N DEVELOPMENT AUTHORITY					
Expenditures						
248-725-880.000	COMMUNITY PROMOTION	0.00	0.00	0.00	0.00	0.00
248-725-900.000	PRINTING AND PUBLISHING	0.00	784.00	784.00	(784.00)	100.00
248-725-920.000	PUBLIC UTILITIES	4,000.00	388.47	388.47	3,611.53	9.71
248-725-930.000	REPAIRS AND MAINTENANCE	1,000.00	1,063.27	0.00	(63.27)	106.33
248-725-940.000	RENTAL EXPENSE	0.00	1,048.53	508.60	(1,048.53)	100.00
248-725-956.000	MISCELLANEOUS	10,000.00	1,384.57	72.79	8,615.43	13.85
248-725-965.000	REPAIRS AND MAINTENANCE	0.00	0.00	0.00	0.00	0.00
248-725-970.000	CAPITAL OUTLAY	1,757,700.00	25,051.38	24,913.88	1,732,648.62	1.43
248-725-970.002	DDA TRANSFORMATIONAL PUBLIC INFRASTRUCTU	0.00	0.00	0.00	0.00	0.00
248-725-970.003	DDA TRANSFORMATIONAL PUBLIC INFRASTRUCTU	0.00	0.00	0.00	0.00	0.00
248-725-988.000	UNALLOCATED FUNDS	151,100.00	0.00	0.00	151,100.00	0.00
Total Dept 725 - De	OWNTOWN DEVELOPMENT AUTHORITY	2,752,000.00	296,513.00	101,311.01	2,455,487.00	10.77
TOTAL EXPENDITURES		2,752,000.00	296,513.00	101,311.01	2,455,487.00	10.77
Fund 248 - DOWNTOW	N DEVELOPMENT AUTHORITY:					
TOTAL REVENUES		2,752,000.00	157,041.32	9,822.44	2,594,958.68	5.71
TOTAL EXPENDITURES		2,752,000.00	296,513.00	101,311.01	2,455,487.00	10.77
NET OF REVENUES & BEG. FUND BALANCE	EXPENDITURES	0.00	(139, 471.68)	(91,488.57)	139,471.68	100.00
FUND BALANCE ADJUS' END FUND BALANCE	TMENTS		512,643.34 373,171.66			

## REVENUE AND EXPENDITURE REPORT FOR TRAVERSE CITY

## PERIOD ENDING 10/31/2025

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#### % Fiscal Year Completed: 33.70

F AUTHORITY TAX REVENUE PRIOR YEAR ADJ IRRENT-REAL ESTATE IN LIEU OF TAXES A DIVIDEND EARNINGS ID ROYALTIES EMENTS LARS' SURPLUS	0.00 830,000.00 0.00 100.00	459.38 857,652.77 0.00 114.77	0.00 4,472.41 0.00 44.73	(459.38) (27,652.77) 0.00	100.00 103.33 0.00
TAX REVENUE PRIOR YEAR ADJ RRENT-REAL ESTATE IN LIEU OF TAXES & LIVIDEND EARNINGS ID ROYALTIES EMENTS	830,000.00 0.00 100.00 0.00	857,652.77 0.00 114.77	4,472.41 0.00	(27,652.77) 0.00	103.33
TAX REVENUE PRIOR YEAR ADJ RRENT-REAL ESTATE IN LIEU OF TAXES & LIVIDEND EARNINGS ID ROYALTIES EMENTS	830,000.00 0.00 100.00 0.00	857,652.77 0.00 114.77	4,472.41 0.00	(27,652.77) 0.00	103.33
RRENT-REAL ESTATE IN LIEU OF TAXES '& DIVIDEND EARNINGS ID ROVALTIES EMENTS	830,000.00 0.00 100.00 0.00	857,652.77 0.00 114.77	4,472.41 0.00	(27,652.77) 0.00	103.33
IN LIEU OF TAXES ' & DIVIDEND EARNINGS ID ROYALTIES EMENTS	0.00 100.00 0.00	0.00 114.77	0.00	0.00	
? & DIVIDEND EARNINGS ID ROYALTIES SEMENTS	100.00	114.77			0.00
ID ROYALTIES SEMENTS	0.00		44 73		
ID ROYALTIES SEMENTS	0.00			(14.77)	114.77
EMENTS	0.00	0.00	0.00	0.00	0.00
ARS! SURPLUS	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
RS IN	0.00	0.00	0.00	0.00	0.00
<u> </u>					
LOPMENT AUTHORITY	830,100.00	858,226.92	4,517.14	(28,126.92)	103.39
	830,100.00	858,226.92	4,517.14	(28,126.92)	103.39
r Authority					
UPPLIES	0.00	0.00	0.00	0.00	0.00
ONAL AND CONTRACTUAL	77,000.00	11,101.07	8,947.20	65,898.93	14.42
RVICES	10,000.00	2,596.88	0.00	7,403.12	25.97
IG & PUBLIC SERVICES	0.00	0.00	0.00	0.00	0.00
	20,000.00		3,089.61	11,910.39	40.45
TILITIES	5,000.00	100.95	76.27	4,899.05	2.02
					0.00
					0.00
					17.28
					0.00
		0.00	0.00		0.00
		0 - 0 0	0.00		0.00
	117,400.00	0.00	0.00	117,400.00	0.00
LOPMENT AUTHORITY	830,100.00	43,451.01	13,675.58	786,648.99	5.23
_	830,100.00	43,451.01	13,675.58	786,648.99	5.23
	T AUTHORITY SUPPLIES CONAL AND CONTRACTUAL ERVICES WG & PUBLIC SERVICES TY PROMOTION UTILITIES AND MAINTENANCE ANEOUS E ENTIAL PUBLIC INFRASTRUCTURE MSFORMATIONAL PUBLIC INFRASTRUCTU ATED FUNDS RS OUT/CONTRIB. TO OTHER FUNDS LOPMENT AUTHORITY	T AUTHORITY SUPPLIES 0.00 CONAL AND CONTRACTUAL 77,000.00 REVICES 10,000.00 NG & PUBLIC SERVICES 20,000.00 JTILITIES 5,000.00 JTILITIES 5,000.00 AND MAINTENANCE 0.00 ANEOUS 15,000.00 ENTIAL PUBLIC INFRASTRUCTURE 90,000.00 ENTIAL PUBLIC INFRASTRUCTURE 270,000.00 ANFORMATIONAL PUBLIC INFRASTRUCTU 270,000.00 ATED FUNDS 100,900.00 ASS OUT/CONTRIB. TO OTHER FUNDS 117,400.00 LOPMENT AUTHORITY 830,100.00	T AUTHORITY SUPPLIES CONAL AND CONTRACTUAL TOURNEY SUPPLIES CONAL AND CONTRACTUAL TOURNEY SUPPLIES TOURNEY SEVICES TOURNEY SEVICES TOURNEY SEVICES TOURNEY TOU	T AUTHORITY SUPPLIES CONAL AND CONTRACTUAL STYPHIES CONAL AND CONTRACTUAL TOWNS A PUBLIC SERVICES TOWN	## T AUTHORITY  SUPPLIES

## REVENUE AND EXPENDITURE REPORT FOR TRAVERSE CITY

## PERIOD ENDING 10/31/2025

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% Fiscal Year Completed: 33.70

GL NUMBER	DESCRIPTION	2025-26 AMENDED BUDGET	YTD BALANCE 10/31/2025	ACTIVITY FOR MONTH 10/31/2025	AVAILABLE BALANCE	% BDG USE
Fund 253 - DDA TIF	97					
Revenues						
	N DEVELOPMENT AUTHORITY					
253-725-401.000	PROPERTY TAX REVENUE PRIOR YEAR ADJ	0.00	10,680.40	0.00	(10,680.40)	100.00
253-725-402.000	TAXES-CURRENT-REAL ESTATE	4,336,300.00	3,627,839.66	105,479.75	708,460.34	83.66
253-725-432.000	PAYMENT IN LIEU OF TAXES	0.00	29,029.38	0.00	(29,029.38)	100.00
253-725-664.000	INTEREST & DIVIDEND EARNINGS	4,500.00 0.00	1,717.51 0.00	1,053.11 0.00	2,782.49 0.00	38.17
253-725-667.000 253-725-676.000	RENTS AND ROYALTIES REIMBURSEMENTS	0.00	0.00	0.00	0.00	0.00
253-725-692.000	PRIOR YEARS' SURPLUS	2,642,600.00	0.00	0.00	2,642,600.00	0.00
253-725-699.000	TRANSFERS IN	0.00	0.00	0.00	0.00	0.00
Total Dept 725 - DO	OWNTOWN DEVELOPMENT AUTHORITY	6,983,400.00	3,669,266.95	106,532.86	3,314,133.05	52.54
TOTAL REVENUES	_	6,983,400.00	3,669,266.95	106,532.86	3,314,133.05	52.54
Expenditures						
•	N DEVELOPMENT AUTHORITY					
253-725-727.000	OFFICE SUPPLIES	0.00	0.00	0.00	0.00	0.00
253-725-801.000	PROFESSIONAL AND CONTRACTUAL	328,100.00	52,777.13	38,949.80	275,322.87	16.09
253-725-801.004	BANK SERVICE FEES	0.00	0.00	0.00	0.00	0.00
253-725-804.000	LEGAL SERVICES	20,000.00	7,790.62	0.00	12,209.38	38.95
253-725-821.000	MARKETING & PUBLIC SERVICES	90,000.00	22,358.38	12,358.38	67,641.62	24.84
253-725-880.000	COMMUNITY PROMOTION	0.00	0.00	0.00	0.00	0.00
253-725-900.000	PRINTING AND PUBLISHING	0.00	0.00	0.00	0.00	0.00
253-725-920.000	PUBLIC UTILITIES	30,000.00	598.40	141.93	29,401.60	1.99
253-725-956.000	MISCELLANEOUS	50,000.00	0.00	0.00	50,000.00	0.00
253-725-965.000 253-725-970.002	CITY FEE DDA ESSENTIAL PUBLIC INFRASTRUCTURE	514,700.00 671,000.00	64,766.17 1,191.11	4,687.50 180.30	449,933.83 669,808.89	12.58
253-725-970.002	DDA TRANSFORMATIONAL PUBLIC INFRASTRUCTU	3,810,000.00	263,860.82	32,988.50	3,546,139.18	6.93
253-725-991.000	PRINCIPAL/PRINCIPAL EXPENSES	820,000.00	0.00	0.00	820,000.00	0.00
253-725-994.000	INTEREST EXPENSE	54,500.00	0.00	0.00	54,500.00	0.00
253-725-995.000	TRANSFERS OUT/CONTRIB. TO OTHER FUNDS	595,100.00	0.00	0.00	595,100.00	0.00
Total Dept 725 - DO	OWNTOWN DEVELOPMENT AUTHORITY	6,983,400.00	413,342.63	89,306.41	6,570,057.37	5.92
	_					
TOTAL EXPENDITURES		6,983,400.00	413,342.63	89,306.41	6,570,057.37	5.92
Fund 253 - DDA TIF	97:	<del></del>				
TOTAL REVENUES		6,983,400.00	3,669,266.95	106,532.86	3,314,133.05	52.54
TOTAL EXPENDITURES		6,983,400.00	413,342.63	89,306.41	6,570,057.37	5.92
NET OF REVENUES & F BEG. FUND BALANCE		0.00	3,255,924.32	17,226.45	(3,255,924.32)	100.00
FUND BALANCE ADJUST END FUND BALANCE	TMENTS		7,474,213.38 10,730,137.70			
IOTAL REVENUES - AI	LL FUNDS	10,565,500.00	4,684,535.19	120,872.44	5,880,964.81	44.34

## REVENUE AND EXPENDITURE REPORT FOR TRAVERSE CITY

# PERIOD ENDING 10/31/2025 % Fiscal Year Completed: 33.70

Page: 5/5

GL NUMBER	DESCRIPTION	2025-26 AMENDED BUDGET	YTD BALANCE 10/31/2025	ACTIVITY FOR MONTH 10/31/2025	AVAILABLE BALANCE	% BDGT USED
TOTAL EXPENDITURE	ES - ALL FUNDS	10,565,500.00	753,306.64	204,293.00	9,812,193.36	7.13
NET OF REVENUES ( BEG. FUND BALANCE		0.00	3,931,228.55	(83,420.56)	(3,931,228.55)	100.00
FUND BALANCE ADJ END FUND BALANCE			9,182,480.71 13,113,709.26			

## 11/14/2025 04:44 PM REVENUE AND EXPENDITURE REPORT FOR TRAVERSE CITY

Page: 1/1

## PERIOD ENDING 10/31/2025

User: LBOHAC	PERIOD ENDING 10/31/2025
DB: Traverse City	% Fiscal Year Completed: 33.70

GL NUMBER	DESCRIPTION	2025-26 AMENDED BUDGET	YTD BALANCE 10/31/2025	ACTIVITY FOR MONTH 10/31/2025	AVAILABLE BALANCE	% BDGT USED
Fund 107 - PUBLIC 2	ARTS COMMISSION FUND					
Revenues						
Dept 000 - NON-DEP						
107-000-664.000	INTEREST & DIVIDEND EARNINGS	1,000.00	0.00	0.00	1,000.00	0.00
107-000-664.002	CHANGE IN FAIR VALUE OF INVESTMENTS	0.00	0.00	0.00	0.00	0.00
107-000-674.000 107-000-675.000	CONTRIBUTIONS-PRIVATE SOURCES CONTRIBUTIONS-PUBLIC SOURCES	0.00	0.00	0.00	0.00	0.00
107-000-676.000	REIMBURSEMENTS	0.00	0.00	0.00	0.00	0.00
107-000-692.000	PRIOR YEARS' SURPLUS	19,000.00	0.00	0.00	19,000.00	0.00
107-000-699.000	TRANSFERS IN	60,000.00	0.00	0.00	60,000.00	0.00
Total Dept 000 - No	ON-DEPARTMENTAL	80,000.00	0.00	0.00	80,000.00	0.00
TOTAL REVENUES		80,000.00	0.00	0.00	80,000.00	0.00
Expenditures						
Dept 000 - NON-DEP		0.00	0.00	0.00		
107-000-727.000	OFFICE SUPPLIES	0.00	0.00	0.00	0.00	0.00
107-000-801.000 107-000-900.000	PROFESSIONAL AND CONTRACTUAL PRINTING AND PUBLISHING	80,000.00 0.00	59,541.93 0.00	43,148.91 0.00	20,458.07 0.00	74.43
107-000-930.000	REPAIRS AND MAINTENANCE	0.00	0.00	0.00	0.00	0.00
107-000-970.000	CAPITAL OUTLAY	0.00	0.00	0.00	0.00	0.00
107-000-970.000-022		0.00	0.00	0.00	0.00	0.00
107-000-988.000	UNALLOCATED FUNDS	0.00	0.00	0.00	0.00	0.00
Total Dept 000 - No	ON-DEPARTMENTAL	80,000.00	59,541.93	43,148.91	20,458.07	74.43
•						
TOTAL EXPENDITURES		80,000.00	59,541.93	43,148.91	20,458.07	74.43
Fund 107 - PUBLIC 2	ARTS COMMISSION FUND:					
TOTAL REVENUES		80,000.00	0.00	0.00	80,000.00	0.00
TOTAL EXPENDITURES		80,000.00	59,541.93	43,148.91	20,458.07	74.43
NET OF REVENUES & I	EXPENDITURES	0.00	(59,541.93)	(43,148.91)	59,541.93	100.00
BEG. FUND BALANCE	PENDITURES - 2024-25	154,089.05	154,089.05 31,478.58		31,478.58	
END FUND BALANCE	LPNDIIOVES - 5054-53	154,089.05	126,025.70		J1,4/0.J0	
END TOND BABANCE		101,000.00	120,020.70			



Downtown Development Authority 303 E. State Street Traverse City, MI 49684 harry@downtowntc.com 231-922-2050

## Memorandum

To: DDA Board of Directors

From: Harry Burkholder, DDA Executive Director

Date: November 16, 2025

Subject: Riverwalk Wayfinding Signage Design Services

As you may recall, the DDA Board included \$20,000 in the FY 2025–2026 Old Town TIF budget to develop a wayfinding plan and signage design for the Downtown Riverwalk system. DDA staff recently reached out to Corbin Design (Traverse City) to explore the costs associated with this work, and after a detailed discussion, Corbin Design submitted a proposal for design services (see attached).

Given Corbin Design's extensive familiarity with the DDA (having designed the downtown vehicular and pedestrian wayfinding systems) and with the City (including development of the new sign standards for City parks), and in order to ensure design consistency throughout the Riverwalk, I am recommending that the DDA enter into a contract with Corbin Design for Wayfinding and Signage Design Services for the Downtown Riverwalk at a cost of \$16,000, subject to approval as to form by the DDA Executive Director and Attorney.

# Proposal to Provide Wayfinding and Signage Design Services for the Downtown Traverse City Riverwalk

## **Project Description**

The Traverse City Downtown Development Authority (TC DDA) has asked Corbin Design, Inc. (Corbin Design) to submit a proposal for providing wayfinding and signage design services for their downtown Riverwalk trail system.

This project will use the recently developed City of Traverse City Parks (TC Parks) signage standard as the basis for the signage design.

The system will include the following sign types:

- Trailblazers to trailheads
- Trailhead identification kiosk
- Amenity/destination/attraction directional
- Mile markers
- Rules/general information/etiquette
- Education/interpretive template
- Regulatory/safety

## **Project Approach**

Corbin Design will begin by familiarizing themselves with the Riverwalk segments. We will then conduct a kickoff meeting in the Corbin Design office to learn more about the Riverwalk's wayfinding and signage needs, budget, and schedule, and discuss the design direction.

After the kickoff meeting, we will develop one initial design concept, based on the TC Parks signage design standards. This concept will be presented to the TC DDA and up to two rounds of revisions will be made before asking for design approval.

Once we have approval on the design direction, we will develop the additional sign types needed to complete the full sign type array. The full sign type array will be presented to the TC DDA and refined once before asking for final design approval.

Once we have final design approval on the full array, we will add fabrication and installation specifications to each sign type and prepare a cost estimate.

We will then develop an annotated sign location plan for each segment. The documentation will be submitted for your review, then one round of versions will be made before submitting the final plan electronically in Adobe Acrobat (pdf) format.

#### Compensation

For the services listed above, we ask to be compensated \$16,000.

## Terms, Conditions, and Responsibilities

Professional fees and reimbursable expenses are billed monthly and payable within 30 days. No initial payment is required.

General and Travel Expenses are not anticipated. If needed, they will be billed at actual cost for expenses we incur on behalf of the project, such as printing, communications, custom fonts, and shipping.

This fee proposal shall remain in effect for 90 days. If not acted upon during this period, we reserve the right to re-evaluate our proposal.

Our quotation for professional fees is based on the anticipated project schedule and our experience with similar projects.

These maximum fees and expenses apply as long as the scope of the work remains the same, previously approved materials are not revised, and the work schedule proceeds directly and efficiently without a delay that exceeds six months. If it appears that the maximum fees and expenses could be exceeded for reasons beyond our control, we will notify you and agree either on a new fee and expense limits or a new strategy



for completing the remaining work within the existing fees and expenses.

The Sign Location Plan(s) provided to the TC DDA by Corbin Design are general in nature and not to scale, and reflect locations deemed desirable for the effectiveness of the overall wayfinding plan only. They do not include exact locations or provide mounting, electrical, or landscaping specifications. The investigation of actual exterior site conditions such as the existence of underground utilities and other encumbrances, is the responsibility of TC DDA and the fabricator selected/contracted to install the signs.

The design drawings prepared by Corbin Design show design intent, not construction or engineering details. The fabricator is responsible for fabrication, installation, and overall product quality. We expect the more detailed development and engineering of the designintent drawings and installation detail to be shown in the fabricator's submitted shop drawings. If, at any point during the project, TC DDA requests construction documents with a seal from a licensed architect and/or engineer, Corbin Design can obtain that at an additional cost.

This Agreement may not be assigned, sublet, or transferred without the written consent of both parties. This Agreement may be terminated by either party by giving seven days written notice or at the completion of any of the parts outlined above. In the event of termination, Corbin Design shall be compensated for all work performed to the date of notification, including authorized additional fees and reimbursable expenses.

#### Conclusion

If the above conditions are acceptable to you, an authorized signature will constitute an agreement. Please return one signed copy for our records. Also, please email a purchase order to accounting@corbindesign.com.

We look forward to working with you on this exciting project!

for Corbin Design, Inc.
-
Date
for Traverse City Downtown Development
Authority
Date



303 E. State Street Traverse City, MI 49684 lauren@downtowntc.com 231-922-2050

## Memorandum

To: Downtown Development Authority Board of Directors

From: Lauren Bohac, DDA Deputy Director

Memo Date: November 18, 2025

Subject: Sara Hardy Farmers Market Advisory Board Appointments

Applications to join the Sara Hardy Farmers Market Advisory Board opened in October. Alongside SEEDs Farmers Market Manager, Kyle Warner, DDA staff interviewed 20 applicants for 7 open seats representing current vendors and frequent shoppers. The level of interest exceeded expectations, and the number of qualified applicants far exceeded the number of open seats on the Board.

Per the Advisory Board bylaws, the Board shall consist of 9 members of which 8 are appointed by the DDA Board Chair with the advice and consent of the DDA Board. Staff conferred with the DDA Board Chairman and collectively recommend appointing the following applicants to the Sara Hardy Farmers Market Advisory Board:

Vendors: Ryan Lanham, Nathan Lorenz, and Stuart Kunkle

Customers: Megan Alexander, Kelly Busley, and Diane Samarasinghe

At-Large: Melanie Coon (vendor)

Mike Powers currently serves as the DDA Board Representative, and the City Commission Representative seat is vacant until appointed.

#### **Recommended Motions**

That Ryan Lanham, Nathan Lorenz, and Stuart Kunkle be appointed to serve as Vendor Representatives to the Sara Hardy Farmers Market Advisory Board, terms expiring November 1, 2028; and

That Megan Alexander, Kelly Busley, and Diane Samarasinghe be appointed to serve as Customer Representatives to the Sara Hardy Farmers Market Advisory Board, terms expiring November 1, 2028; and

That Melanie Coon be appointed to serve as At Large Representative to the Sara Hardy Farmers Market Advisory Board, term expiring November 1, 2028.
Farmers Market Advisory Board, term expiring November 1, 2028.



Downtown Development Authority 303 E. State Street Traverse City, MI 49684 harry@downtowntc.com 231-922-2050

## Memorandum

To: DDA Board of Directors

From: Harry Burkholder, DDA Executive Director

Date: November 15, 2025

Subject: Rotary Square – Next Steps

As discussed in our October meeting, the DDA has completed the *Conceptual* and *Schematic Design* phases for the Rotary Square project. That milestone represented a major step in advancing the development of this future public gathering space at the corner of State and Union Streets.

The final design reflected extensive community engagement, incorporating more than 1,000 points of feedback gathered over the past ten months through public open houses, surveys, stakeholder meetings, pop-up events, and input from the DDA Board, City staff, and the Rotary Square Advisory Committee.

The final design strikes a balance between an active public plaza and a natural respite within downtown Traverse City. Inspired by the organic forms of the Petoskey Stone, the layout layers active and passive uses around a central lawn. These layers create opportunities for both quiet, intimate moments and larger gatherings when the space is activated.

Completion of the Conceptual and Schematic Design allows the project to move into the next phase – the *Design Development* phase, during which detailed engineering, materials analysis and selection, construction documentation and refined cost estimates are be prepared. Progressive Companies has submitted a proposal (see attached) for the final Design Development Phase for consideration. Progressive Companies has also submitted a proposal (see attached) to complete a full survey of the site, prior to beginning the Design Development Phase.

Costs for the *Design Development* Phase and site survey (as the previous planning/design phases) will be funded through the 2018 grant from Rotary Charities.

Given Progressive's familiarity with the project and the desire to ensure design consistency, avoid duplicative work and maintain project momentum to allow for potential inclusion in the FY 2025–2026 DDA Budget, I am recommending that the DDA enter into a contract with Progressive Companies for both the site survey and Design Development Phase. The total cost for this work is \$164,300, including estimated reimbursable expenses as outlined in the proposal. I am recommending an additional \$700 in potential reimbursable expenses to provide a modest contingency, bringing the total recommended authorization to \$165,000. Because this funding is being provided through Rotary Charities, the DDA Board must also approve a corresponding \$165,000 amendment to the DDA's General Budget.

#### **Recommended Motion**

That the DDA Board approve an increase of not to exceed \$165,000 to the DDA General Budget and furthermore; that the DDA Board approve to enter into a contract with Progressive Companies for a cost not to exceed \$165,000 to complete a *Site Survey* and *Design Development Services* for Rotary Square, subject to approval as to its form by the DDA Executive Director and Attorney.



October 31, 2025

Harry Burkholder, AICP Executive Director Traverse City Downtown Development Authority 303 East State Street Traverse City, MI 49684

Re: Proposal for Professional Surveying Services for Rotary Square

Dear Mr. Burkholder,

Progressive Companies is pleased to follow our public engagement and schematic design services for Rotary Square, in collaboration with the Traverse City Downtown Development Authority (DDA), with surveying services that will ensure we have a strong basis for beginning detailed design work. Following is our understanding of the project, scope of services, clarifications, proposed schedule, and compensation for your consideration.

#### UNDERSTANDING OF PROJECT

The project, as we understand it, is to complete a comprehensive survey of the Rotary Square property based on the following scope of services.

#### **SCOPE OF BASIC SERVICES**

Based upon the above project understanding, we will provide the following scope of services:

#### Surveying

- 1. Prepare a boundary and topographic survey for the 0.56-acre Rotary Square parcel, located at 203 South Union Street, Traverse City, Michigan.
- 2. The topographic survey limits will include:
  - Rotary Square parcel.
  - Union Street roadway along the parcel frontage.
  - East State Street roadway along the parcel frontage.
  - Alley and parking spaces located south of the Rotary Square parcel, including the slope to the Boardman River water's edge.
- 3. Visible utilities within the survey limits will be surveyed. Sanitary sewer and storm sewer structures will be surveyed to identify the pipe invert elevations and sizes.
- Individual trees within the Rotary Square parcel will be located with caliper size. The tree line between the alley and Boardman River will be located, however individual trees within the woods will not be surveyed.
- 5. Identify and delineate any easements located within the 203 South Union Street parcel, as shown in the title work. Existing property corners will be located as part of the boundary survey.

#### **CLARIFICATIONS**

Traverse City DDA to provide the following items:

1. Title Work.

#### SCHEDULE

We anticipate that survey work will be complete within three (3) weeks of written authorization to proceed and receipt of title work. This schedule anticipates being approved for field work prior to winter conditions.

Proposal Page 2

#### PROFESSIONAL COMPENSATION

Based upon the above identified scope of services, Progressive Companies proposes the following compensation for professional services to provide the work as delineated above for a stipulated sum of \$7,300 (seven thousand three hundred dollars). Reimbursable expenses are in addition to the professional compensation, estimated at \$500 (five hundred dollars), and will be invoiced according to the attached Schedule of Invoice Rates.

Progressive Companies has prepared this proposal for the Traverse City Downtown Development Authority and we request that it be treated as confidential and not copied or distributed for any reason other than evaluation for hire.

The attached Standard Agreement Provisions are incorporated into and made part of this proposal. If an AIA or other Standard form of Agreement is entered into by the Parties, the AIA or other Standard Form of Agreement will include the terms and conditions of the Standard Agreement Provisions. If this proposal meets with your approval, please sign below and return a copy of the signed proposal. Your signature will be our authorization to begin the work and place the project in the firm's schedule. If you do not sign and return this proposal, and after receipt of this proposal you request or accept services from Progressive Companies in connection with this or any other engagement, your request or acceptance of such services will be deemed to be an acquiescence or agreement with the terms provided in this proposal.

We look forward to working on this project with you	ı and your team.	
Sincerely,		
Christopher J. Gower, PS Senior Surveyor	Jeffrey M. Roman, PE, LEED AP, Principal Director of Engineering	
Accepted By:		
Printed Name:	Date:	
TRAVERSE CITY DOWNTOWN DEVELOPMENT AUTHORITY		

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Harry Burkholder, Executive Director Traverse City Downtown Development Authority 303 E. State Street Traverse City, MI 49684

Re: Proposal for Professional Design Services for Rotary Square located in Traverse City, Michigan

Dear Mr. Burkholder,

Progressive Companies is pleased to present this proposal for the completion of construction documents for Rotary Square. Progressive Companies completed schematic design, including a preliminary opinion of probable cost that was approved by the Downtown Development Authority (DDA) board in early October 2024. The services outlined in this proposal include urban design, landscape architecture, civil engineering, and limited structural and electrical engineering. We are eager to continue our work together on Rotary Square as we move toward making the long-awaited vision for a downtown square a reality in Traverse City. The following is our understanding of the project, our scope of services, proposed schedule, and compensation for your consideration.

#### **UNDERSTANDING OF PROJECT**

The purpose of this project will be to complete Design Development (DD), Construction Documents (CD), and work collaboratively with Traverse City DDA staff to support funding requests, any required permitting and approval processes, and negotiation with the City of Traverse City regarding the use of the existing alleyway. Progressive Companies is able to support the bidding process if requested as an add-service or as part of Construction Administration.

#### **SCOPE OF BASIC SERVICES**

Based on the above understanding of the project, Progressive Companies will provide the following services:

#### Phase 1: Design Development

During the DD phase, Progressive Companies will complete detailed plans, including a full site plan, with details regarding materials, furniture specifications, and up to four (4) three-dimensional views representing any significant changes from the schematic design package. A refined cost estimate will also be created based on the work completed during DD. During this phase, Progressive Companies will host two (2) meetings with DDA staff to review documents, one (1) meeting with the project steering committee or other stakeholders and meet with Traverse City staff as needed.

## **Phase 2: Construction Documentation**

Final CDs, including further detail and construction specifications, signage requirements, and all necessary materials required for permitting and approval by Traverse City and other relevant authorities having jurisdiction (AHJ). The final deliverable will be a final set of sealed plans along with a final cost estimate. During Phase 2, Progressive Companies will host two (2) meetings with DDA staff to review necessary information and meet with Traverse City staff as needed.

#### **Phase 3: Project Management Support**

Given Progressive Companies' history working with the DDA on development of the overall Rotary Square concept and engagement with the community, Progressive Companies will support DDA staff in pursuing funding, negotiating agreements, and addressing other aspects of ensuring the current vision for Rotary Square becomes a reality.

### **Construction Administration (Future Phase)**

Progressive Companies may provide additional services during the bidding and construction phase to ensure that the project is managed well, the DDA's interests are represented, and the final product is consistent with the intent of the construction documents. This would require a change in service request prior to proceeding.

## **CLARIFICATIONS**

This scope of work assumes a full survey of the site has been completed prior to beginning the Design Development phase. The following items are not included in this scope of work or deliverables.

- Site Survey
- Soil borings or geotechnical evaluation
- Sub-service utilities and vaults investigation
- Branding, graphic design for regulatory or informational signs
- · Audio-Visual, Information Technology, or security system design
- Noise & vibration studies, abatement strategies, or acoustical engineering
- Construction and trade permits (responsibility of the selected CM/GC)

#### **SCHEDULE**

Upon receiving a signed copy of the proposal and the site survey, we estimate 12 weeks to complete the construction documents for the project; however, this timeline is dependent upon receiving required reviews and approvals from the City of Traverse City and other relevant agencies. Phase 3, Project Management support, will occur throughout the project timeframe.

#### Tentative Schedule:

December 1, 2025, Design Development starts

January 9, 2026, Design Development deliverables finalized January 12, 2026, Construction Documentation begins

February 27, 2026, Construction Documentation deliverables finalized

## PROFESSIONAL COMPENSATION

Based upon the above identified scope of services, Progressive Companies proposes to provide the work as delineated above for a stipulated sum of \$155,000 (one hundred fifty-five thousand dollars) according to the following fee breakdown. Reimbursable expenses are in addition to the professional compensation, estimated to be \$1,500, and will be billed according to the attached Schedule of Invoice Rates.

Total Project Cost:	\$155.000
Phase 3: Project Management Support	\$12,500
Phase 2: Construction Documentation	\$87,500
Phase 1: Design Development	\$55,000

If this development budget is reduced or increased by more than 10% (ten percent) between the time of approval of the concept design phase and the time of award of a construction contract, the cost of modification of drawings and specifications to meet the changed project budget shall be considered additional services.

Progressive Companies has prepared this proposal for the Traverse City DDA, and we request that it be treated as confidential and not copied or distributed for any reason other than evaluation for hire.

The attached Standard Agreement Provisions are incorporated into and made part of this proposal. If an AIA or other Standard form of Agreement is entered into by the Parties, the AIA or other Standard Form of Agreement will include the terms and conditions of the Standard Agreement Provisions. If this proposal meets with your approval, please sign below and return a copy of the signed proposal. Your signature will be our authorization to begin the work and place the project in the firm's schedule. If you do not sign and return this proposal, and after receipt of this proposal, you request or accept services from Progressive Companies in connection with this or any other engagement, your request or acceptance of such services will be deemed to be an acquiescence or agreement with the terms provided in this proposal.

Sincerely,

Jason Ball, AICP Senior Planner	Jeffrey Roman, PE, LEED AP Principal
Accepted By:	
Printed Name:	Date:
TRAVERSE CITY DDA	

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Downtown Development Authority 303 E. State Street Traverse City, MI 49684 harry@downtowntc.com 231-922-2050

#### **MEMORANDUM**

To: Downtown Development Authority Board

From: Harry Burkholder, Executive Director

Date: November 17, 2025

Re: Farmers Market Pavillion Design

This past June, the DDA formally engaged Beckett & Raeder to revisit and finalize the design for a Farmers Market Pavilion in Lot B. Following the review of the conceptual plan at the DDA Board's September meeting, staff have continued to work closely with Beckett & Raeder to advance the project. Final construction documents for both the Pavilion and the surrounding parking lot are now nearing completion. Design staff from Beckett & Raeder will attend our meeting to present the final design package, including detailed renderings, and to discuss next steps.

Beckett & Raeder's design team is also collaborating with INFORM to ensure that the Pavilion's architecture and site elements are seamlessly integrated with the evolving Riverwalk plans.

The conceptual design has been shared with the Farmers Market Advisory Board and was formally reviewed at the Advisory Committee's October 20 meeting. Their feedback has been incorporated into the final design. Additionally, a letter of support for the construction of the pavilion has been organized and signed by 36 Sara Hardy Farmers Market vendors representing 30 businesses.

The Farmers Market Pavilion will strengthen downtown as a year-round gathering space for residents, visitors, and local businesses. It supports local agriculture and food entrepreneurs by providing a modern, flexible, and accessible space for farmers and artisans. The Farmers Market expands access to fresh, nutritious foods - including for customers using food assistance benefits - and continues to serve as an economic driver for downtown; a 2016 survey found that 77% of market visitors planned to spend money at nearby businesses on market days.

As you may recall, planning for a permanent Farmers Market Pavilion began in 2017, and its completion would mark a significant milestone for TIF-97. The original "blue awnings" at the Farmers Market were among the earliest public investments made through TIF-97. Upon approval of the final design by the DDA Board, construction drawings will be completed and prepared for inclusion in the overall bid documents for the Lot B redevelopment project. Following contractor selection, final authorization to expend funds will be required from both the DDA Board and the City Commission and construction could begin next spring. **Recommended Motion** That the DDA Board approve the final design for the Farmers Market Pavillion.

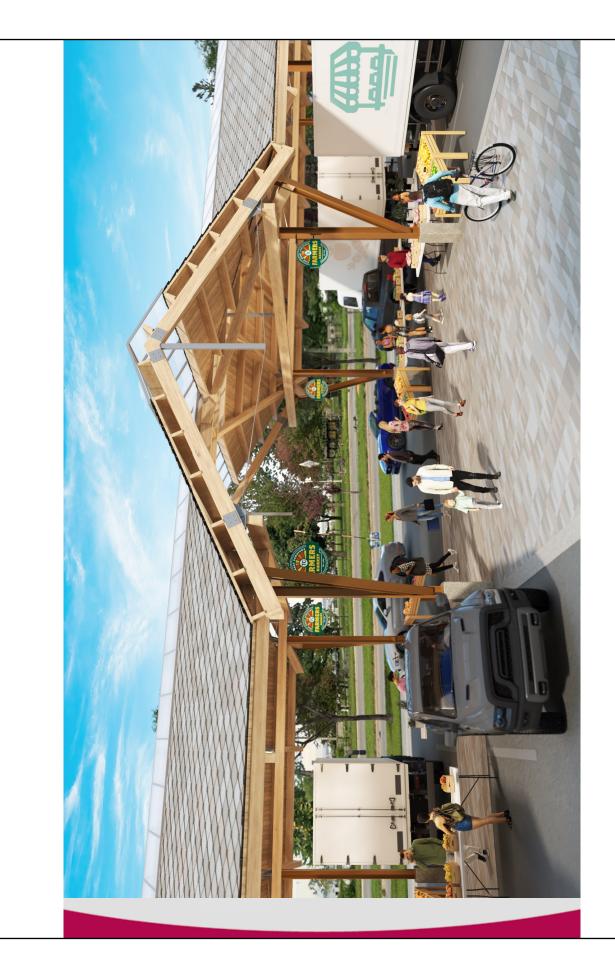


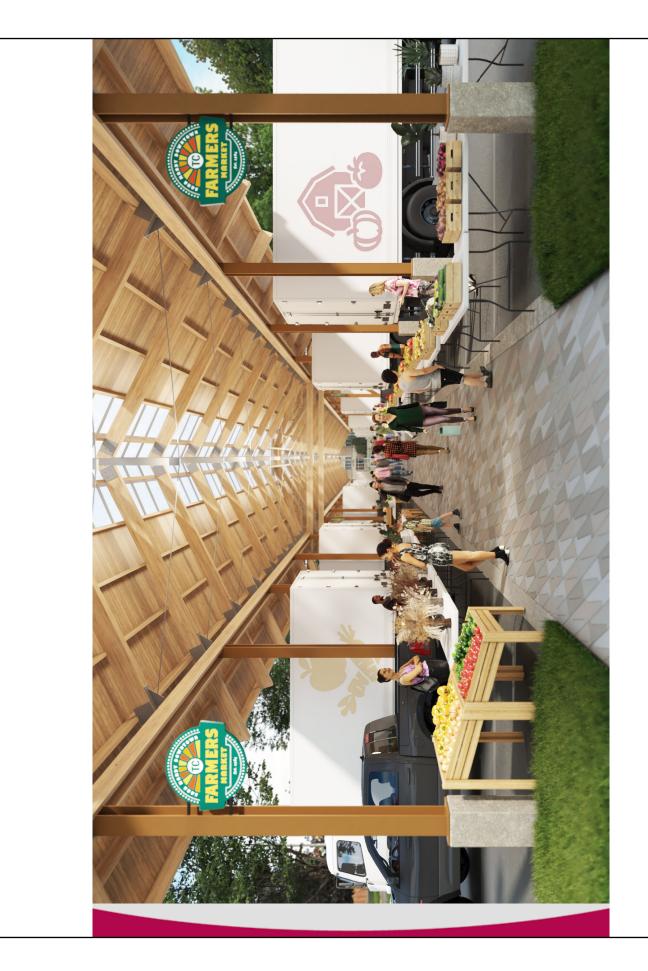


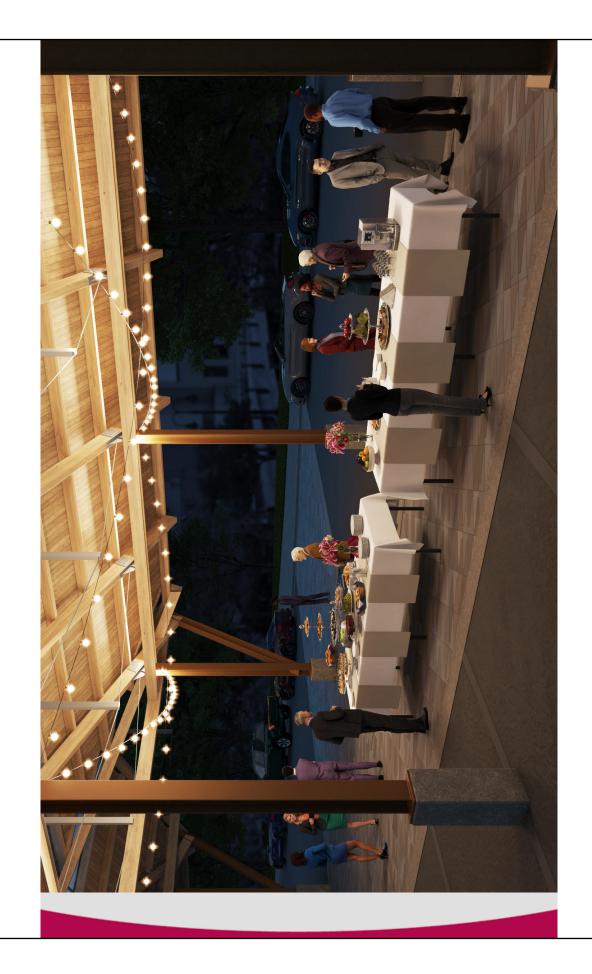


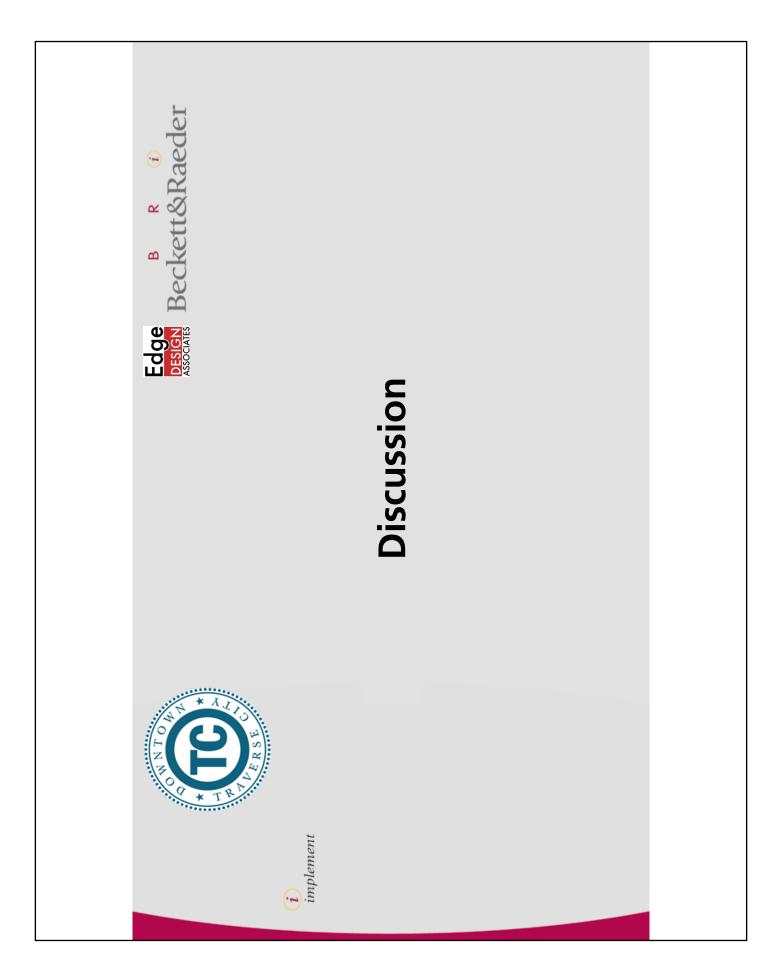


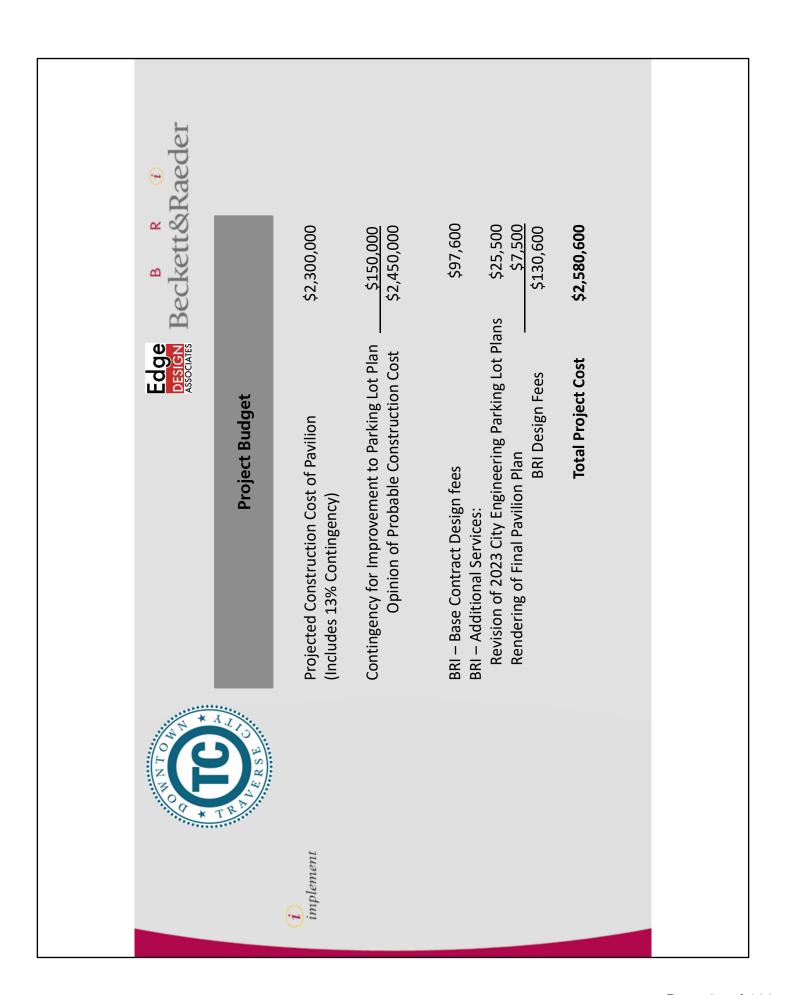














Downtown Development Authority 303 E. State Street Traverse City, MI 49684 harry@downtowntc.com 231-922-2050

### Memorandum

To: DDA Board of Directors

From: Harry Burkholder, DDA Executive Director

Date: November 16, 2025

Subject: Two-Way Pilot Project

Over the last year, we have worked with city staff and community stakeholders to identify the remaining objectives and next steps for the pilot. This included analyzing data from the remaining collection periods, determining the short-term and long-term costs of making the pilot permanent, assessing the long-term impacts on downtown circulation, and exploring options (with associated costs) for implementing bicycle infrastructure.

In addition, the DDA and City worked to secure sentiment regarding the two-way pilot from downtown business and property owners and the Boardman Neighborhood.

Staff from Progressive Companies will attend our meeting to provide an overview of the study and its findings. As this pilot project was initiated by the DDA, Board members may wish to consider offering a recommendation to the City Commission.

There are several possible iterations for such a recommendation: (1) end the pilot project and convert the three streets back to one-way traffic; (2) end the pilot project and make the traffic conversion permanent (with or without some additional modifications). DDA staff feels a recommendation to extend the pilot project is feasible, but not advantageous, as the design, funding and implementation of future motorized and non-motorized capital investments throughout the downtown street network, including along State Street, are contingent upon a final decision on traffic circulation.

Ultimately, the City Commission holds the final authority to approve making the two-way conversion permanent (with or without additional modifications) or returning the streets to one-way circulation.

Included in your packet are a memo and presentation from Progressive Companies regarding the findings of the pilot project, as well as potential modifications and associated costs if the pilot project were made permanent.

### **Project History**

In November of 2022, following a successful seasonal two-way State Street traffic conversion pilot project in 2020 during the COVID-19 pandemic and subsequent (and extensive) discussion, consideration and then approval from the DDA Board and City Commission, the DDA and City worked together to implement a two-year pilot project to convert State Street (from Boardman to Front Street), Pine Street (from State Street to Front Street) and Boardman Avenue (from Front Street to State Street) to two-way traffic.

As noted at the time of implementation, the primary purpose and goal of converting the three downtown one-way streets to two-way operation was to help build and enhance a "to" mobility strategy for downtown versus a "though" strategy.

In addition, DDA staff believed that converting one-way streets to two-way operation has the potential to meet other important goals, including slowing vehicular speeds, increasing pedestrian safety, enhancing the public realm, encouraging private investment of underdeveloped commercial areas and providing better vehicular connectivity to the surrounding grid-system.

In moving forward with the pilot project, DDA and City staff noted that the two-way pilot project would follow an "iterative process." That is, after the initial modifications were made to the street network, the DDA and City would make additional modifications to the street network based on regular observations from DDA and City staff as well as the results from a formal data collection process and community feedback. To that end, a handful of additional modifications were implemented at key locations (mostly along State Street) over the last three years.

To better understand and track the impacts of the two-way conversion over the pilot project, the DDA and City facilitated community engagement, internal discussions, and formal data collection (and analysis) activities to formally monitor, track, and evaluate the two-way conversion. This effort included tracking vehicular movement at ten downtown intersections, as well as pedestrian movement, vehicle speed, traffic volume, bicycle activity, parking utilization, and vehicular crashes. Data was collected over a 24-hour period, Thursday through Saturday during the first week of March, mid-May, late July, and late October of both 2023, 2024 and 2025.

### **This Past Year**

The original two-year pilot project was formalized through a Traffic Control Order (TCO), which expired in October of 2024. Therefore, last fall, the DDA and City needed to determine next steps, which essentially included three options: (1) end the pilot project and convert the three streets back to one-way traffic; (2) end the pilot project and make the traffic conversion permanent (with or without some additional modifications); or (3) extend the pilot, continue collecting data and explore (and possibly implement) the need for additional modifications.

With these options in mind, last September, the DDA Board approved making a	
recommendation to the City Commission to extend the pilot project for one addition	nal
year. Ultimately, the City Commission decided to extend the pilot project to Decen	nber
31, 2025.	
Opportunity For Motion	



### Memo

To: Harry Burkholder, Executive Director, Traverse City Downtown Development Authority

Date: November 14, 2025

Re: Downtown Circulation Traffic Analysis and Recommendations

Over the past three (3) years, Traverse City (City) has tested, evaluated, and refined how two-way operations function within its downtown street network, with the intent to complement and enhance the City's vibrant and appealing downtown district. Informed decisions pertaining to the future state of the downtown area must be made. A comprehensive analysis of mobility and economic data, including traffic speeds, volumes, and crash outcomes, provides insight into safety and operational outcomes occurring under pilot conditions that can be anticipated to continue in the event of permanent implementation. Several key findings have been identified throughout the analysis process and are summarized below.

- Two-way operations have decreased vehicle speeds and improved compliance with the posted speed limit.
  - a. The 85th percentile of vehicle speeds, the speed at which speed limits are commonly set, was measured at 26 miles per hour (MPH) under one-way operations. Under two-way operations, this speed has decreased to 22–23 MPH. Although reductions in speed may seem minor, speed reductions provide exponential safety benefits when crashes do occur.
  - Speed limit compliance has increased from approximately 78% (seventy-eight percent) under one-way operation to 91%–94% (ninety-one percent to ninety-four percent) under two-way operation.
- 2. Two-way operations have decreased the frequency of excess speeding.
  - Under one-way operation, 16 drivers were identified traveling faster than 35 MPH along State Street. These numbers have decreased to nine (9) drivers in July 2023 and 2024 and two (2) in July 2025.
- 3. Two-way operations have improved safety for people walking and bicycling.
  - a. Between September 2021 and October 2022, under one-way operation, four (4) crashes occurred that involved a person walking or bicycling. In the three (3)-year period following implementation of two-way operation, from November 2022 to December 2024, only two (2) crashes involving a person walking or bicycling occurred.
- 4. Two-way operations have increased parking utilization.
  - a. Parking utilization along State Street has increased, indicated by significant increases in parking revenue collections. Collections along State Street increased by 18.5% (eighteen point five percent) following implementation of two-way operations. During the same time period, collections increased by just 1.3% (one point three percent) on Front Street.
- 5. Local business owners largely support two-way operations.
  - a. 32 of 43 business owners with property along State Street rated their experience with the two-way pilot as "very positive" or "somewhat positive," while nine (9) rated their experience as "somewhat negative" or "very negative."

The last three (3) years of two-way operations under pilot conditions have realized meaningful incremental improvements for all road users. Driver speeds have been reduced through design and compliance with the posted speed limit improved, enhancing future levels of safety and quality of life for people driving, walking, bicycling, and using transit. Continued and permanent implementation of two-way operations is strongly recommended along State Street and Pine Street between Front Street and Boardman Avenue.

### MB/ecv

\\dms1\projects\91370006\03 WIP\C1 PRE DESIGN\Traffic Study\Reports\Reports and Memos\November 2025 Summary of Recommendations Memo\2025 11 14 Downtown Traffic Operations and Circulation Summary and Recommendation DDA.docx

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### **Downtown Improvement Recommendations**

Project: Downtown Circulation Study

Date: November 14, 2025

Project No: 91370006

### IMPROVEMENT LIST

The following options are permanent improvements that correlate with the attached concept drawings of Pine Street/State Street/Boardman Avenue. Note that item numbering has been adjusted from the memorandum dated July 21, 2025, following additional discussion and scope refinement with the project team.

- 1. Add a stop sign for eastbound Front Street at Pine Street, which will create an all-way stop intersection to make intersection operations more predictable for drivers and pedestrians.
- 2. Re-pave the Front Street/Pine Street intersection to eliminate the existing "island" that causes confusion for drivers.
- 3. Create a curb bump-out in the footprint of the existing pavement markings at the Front Street/Pine Street intersection.
- 4. Extend Front Street two-way operations to Park Street. This will allow eastbound vehicles to be able to turn left or right at Union Street. Several eastbound vehicles were observed making illegal U-turns at the Pine Street/Front Street intersection.
- 5. Adjust on-street parking to reflect the 15-foot spacing with driveways. This results in a loss of 17 onstreet parking spaces.
- 6a. Add left-turn green arrows to the State Street/Union Street intersection. This will help reduce wait time for left-turning vehicles without necessitating geometric changes to the intersection.
- 6b. Removing two existing bump-outs at the intersection of State Street/Union Street to accommodate dedicated left-turn lanes for the eastbound and westbound movements.
- 7. Create a curb bump-out on northbound Union Street, north of State Street. This location frequently has vehicles illegally parked there that hinder bus/truck turning movements. A rolled curb will discourage illegal parking, while maintaining access to buses/trucks.
- 8a. Add left-turn green arrows to the State Street/Cass Street intersection. This will help reduce wait time for left-turning vehicles without necessitating geometric changes to the intersection.
- 8b. Create a center left-turn lane for westbound State Street at Cass Street. If these lanes are shifted to the north side of the road, the eastbound bike lane can remain continuous through the intersection and result in one (1) less on-street parking space compared to the existing condition.
- If a westbound left-turn lane is created to match the existing left-turn lane on the south side of the
  road, the bike lane will be a shared lane for approximately 450 feet and six (6) on-street parking
  spaces will be lost.
- 9a. Remove the existing curb bump-out in the southeast corner of the State Street/Park Street intersection to accommodate additional space for the transit stop. Relocate the existing shelter east.

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- 9b. Extend the striped bus loading zone 40 feet east to better accommodate transit utilization. This change would result in the loss of two (2) parking spaces.
- 10. Curb bump-out west of the parking garage exit. This is a spot that is frequently blocked by deliveries and sight is restricted for vehicles exiting the parking garage.
- 11. Curb bump-out at the northwest State Street and Boardman Avenue intersection to match existing pavement markings.
- 12. Curb bump-out at the northeast corner of the State Street and Boardman Avenue intersection to match existing pavement markings.
- 13. Curb bump-out at the southwest corner of Front Street and Boardman Avenue to match the existing pavement markings.
- 14. Curb bump-out at the southeast corner of Front Street and Boardman Avenue to match the existing pavement markings.
- 15a. Curb bump-out on the north side of the Front Street/Boardman Street intersection to narrow crosswalks and slow vehicle traffic.
- 15b. Option to extend the curb bump-out through the intersection.
- 16. Convert Front Street to two-way operation between Park Street and Boardman Avenue.

### IMPLEMENTATION RECOMMENDATIONS

The itemized list of improvements denoted above was evaluated further to prioritize elements either for inclusion in the pilot conversion project or for potential inclusion in a future street reconstruction project. Design elements were categorized according to the following:

- Recommended for Implementation: High-priority improvements that should be incorporated into the
  pilot process to improve safety and operational outcomes.
- Optional Improvements: Low-priority improvements that may be incorporated into the pilot process if funding permits. Impacts are anticipated to be lower than those of elements recommended for implementation.
- Beneficial for Future: Improvements that may provide safety or operational benefits, but are not
  necessary to optimize outcomes during the pilot process. Design elements may be incorporated into
  the pilot process if funding is not constrained, but implementation may be delayed until a street
  reconstruction project occurs.

Design elements recommended for implementation into the pilot project are outlined in Table 1. An associated cost estimate for each item as well as the category subtotal is provided.

Punch List Page 3

Table 1: Recommended for Implementation

Improvement Number	Improvement Description	Improvement Cost
1	Add a stop sign for eastbound Front Street at Pine Street	N/A (already installed)
2	Re-pave the Front Street/Pine Street intersection to eliminate the existing island	\$ 70,600
4	Extend two-way operations on Front Street between Pine Street and Union Street	\$ 24,800
	Total	\$ 95,800

Optional design elements are outlined in Table 2. An associated cost estimate for each item as well as the category subtotal is provided. Note that elements denoted with "A" or "B" represent design alternatives, of which only one is necessary to implement. The category subtotal can fluctuate depending on the preferred alternative selection. The recommended design alternatives are indicated in green.

Table 2: Optional Improvements

Improvement Number	Improvement Description	Improvement Cost
6A	Add bidirectional left-turn green arrows at the intersection of State Street and Union Street	\$ 16,000
6B	Remove two bump-outs and add bidirectional, dedicated left-turn lanes at the intersection of State Street and Union Street	\$ 89,900
8A	Add bidirectional left-turn green arrows at the intersection of State Street and Cass Street	\$ 12,800
8B	Create bidirectional, dedicated left-turn lanes at the intersection of State Street and Cass Street	\$ 5,100
9A	Remove bump-out, relocate shelter, and extend transit loading zone along State Street east of Park Street	\$ 97,100
9B	Remove parking spaces and extend transit loading zone along State Street east of Park Street	\$ 700
10	Add curb bump-out west of parking garage exit	\$ 15,200
11	Add curb bump-out at northwest corner of State Street/Boardman Street	\$ 44,600
12	Add curb bump-out at northeast corner of State Street/Boardman Street	\$ 22,800
16	Extending two-way operations on Front between Park and Boardman	\$ 7,500
	Total (Recommended Design Alternatives)	\$ 111,900
To	otal (Adding Bidirectional Lanes at Union/Cass)	\$ 185,800
Total (Adding Bidi	rectional Lanes at Union/Cass and removing bump-out at Park)	\$ 282,200

The full list of design elements designated as beneficial for future use is shown in Table 3. Separate category subtotals are shown, dependent on the design alternative selected for Item 15.

Table 3: Beneficial for Future

Improvement Number	Improvement Description	Improvement Cost
3	Hardening existing curb bump-out at State Street/Pine Street	\$ 48,900
7	Adding curb bump-out to northwest corner of State Street/Union Street	\$ 11,200
13	Hardening curb bump-out at southwest corner of Front Street/Boardman Street	\$ 91,500
14	Hardening curb bump-out at southeast corner of Front Street/Boardman Street	\$ 60,100
15A	Adding a curb bump-out at the northeast corner of Front Street/Boardman Street	\$ 15,600
15B	Extending a curb bump-out through the north quadrant of Front Street/Boardman Street	\$ 85,900
5	Removing and restriping parking spaces throughout the corridor	\$ 17,100
	Total (Including 15A)	\$ 244,400
	Total (Including 15B)	\$ 314,700

Individual cost estimates as well as a conceptual corridor layout with various improvements identified are attached to this memorandum.

Christopher Zull, PE Transportation Practice Leader

### City of Traverse City State Street Two-Way Conversion

### Construction Estimates (DRAFT) Progressive Companies September 19, 2025





Improvement	Pay Item	Quantity	Unit	Unit Cost	Pay Item Cost	ID
	Curb, Rem	230	Ft	\$ 20	\$ 4,600	Removal
	_Brick Pavers, Rem and Salv	390	Sft	\$ 10	\$ 3,900	Removal
	_Conc Surface, Rem	1210	Sft	\$ 4	\$ 4,840	Removal
	Pavt Mrkg, Greater than 6 inch width, Rem	120	Ft	\$ 2	\$ 240	Removal
	Subbase, CIP	66	Cyd	\$ 25	\$ 1,650	Install
	Aggregate Base, 4 inch	134	Syd	\$ 25	\$ 3,361	Install
2 (Bi-l1)	HMA, 4EML	95	Ton	\$ 260	\$ 24,700	Install
2 (Remove island)	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	100	Ft	\$ 8	\$ 800	Install
	Contingency			20%	\$ 8,818	Misc
	Materials Total				\$ 53,000	
	Design (10%)				\$ 5,300	
	Mobilization and Traffic Control (10%)				\$ 5,830	
	Construction Administration (10%)				\$ 6,413	
	Total				\$ 70,600	

Improvement	Pay Item	Quantity	Unit	Unit Cost	Pay Item Cost	ID
	Delineator, Rem	15	Ea	\$ 10	\$ 150	Removal
	Paint, Rem	1330	Sft	\$ 1	\$ 665	Removal
	Sign, Rem and Salv	1	Ea	\$ 50	\$ 50	Removal
	Curb and Gutter, Rem	100	Ft	\$ 25	\$ 2,500	Removal
	Curb and Gutter, Conc	125	Ft	\$ 60	\$ 7,500	Install
	Aggregate Base, 4 inch	156	Syd	\$ 25	\$ 3,889	Install
3 (Curb extension at	Curb Ramp Opening, Conc	25	Sft	\$ 10	\$ 250	Install
Front/Pine)	Conc Pavt, Nonreinf, 6 inch	156	Syd	\$ 100	\$ 15,556	Install
	Contingency			20%	\$ 6,112	Misc
	Materials Total				\$ 36,700	
	Design (10%)				\$ 3,670	
	Mobilization and Traffic Control (10%)				\$ 4,037	
	Construction Administration (10%)				\$ 4,441	
	Total				\$ 48,900	

Improvement	Pay Item	Quantity	Unit	<b>Unit Cost</b>	Pay Item Cost	ID
	Pavt Mrkg, Longit, 6 inch or less width, Rem	470	Ft	\$ 2	\$ 940	Removal
	Pavt Mrkg, Waterborne, 4 inch, Yellow	940	Ft	\$ 3	\$ 2,820	Install
	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	11	Ft	\$ 15	\$ 165	Install
	Pavt Mrkg, Ovly Cold Plastic, Rt and Lt Turn Arrow Sym	1	Ea	\$ 330	\$ 330	Install
	TS, Span Wire Mtd, Rem and Salv	2	Ea	\$ 500	\$ 1,000	Install
4 (extending two-way	TS, One Way Span Wire Mtd, FYA (LED), Long Life	1	Ea	\$ 3,000	\$ 3,000	Install
operations on Front between	TS, One Way Span Wire Mtd, Long Life	1	Ea	\$ 3,000	\$ 3,000	Install
Pine and Union)	_Controller Programming and Wiring	1	Ea	\$ 5,000	\$ 5,000	Install
Fille and Official)	Contingency			20%	\$ 2,251	Misc
	Materials Total				\$ 18,600	
	Design (10%)				\$ 1,860	
	Mobilization and Traffic Control (10%)				\$ 2,046	
	Construction Administration (10%)				\$ 2,251	
	Total				\$ 24,800	

Improvement	Pay Item	Quantity	Unit	Unit Cost	Pay Item Cost	ID
	Pavt Mrkg, Less than 6 inch width, Rem	2250	Ft	\$ 3	\$ 5,625	Removal
	Pavt Mrkg, Waterborne, 4 inch, White	2000	Ft	\$ 2.50	\$ 5,000	Install
	Contingency			20%	\$ 2,125	Misc
	Materials Total				\$ 12,800	
parking spaces)	Design (10%)				\$ 1,280	
	Mobilization and Traffic Control (10%)				\$ 1,408	
	Construction Administration (10%)				\$ 1,549	
	Total				\$ 17,100	

Improvement	Pay Item	Quantity	Unit	Unit Cost	Pay Item Cost	ID
	TS, Span Wire Mtd, Rem and Salv	1	Ea	\$ 1,000	\$ 1,000	Removal
	_Controller Wiring and Programming	1	Ea	\$ 5,000	\$ 5,000	Install
	TS, One Way Span Wire Mtd, FYA (LED), Long Life	2	Ea	\$ 2,000	\$ 4,000	Install
6A (adding LTGA at State	Contingency			20%	\$ 2,000	Misc
and Union)	Materials Total				\$ 12,000	
and Onion)	Design (10%)				\$ 1,200	
	Mobilization and Traffic Control (10%)				\$ 1,320	
	Construction Administration (10%)				\$ 1,452	
	Total				\$ 16,000	

Improvement	Pay Item	Quantity	Unit	Unit (	Cost	Pay Item	Cost	ID
improvement	Curb and Gutter, Rem	250	Ft	\$	25	\$	6,250	Remova
		200		_				
	Curb and Gutter, Conc Subbase, CIP	50	Ft	\$	60 25	\$	1,250	
	Aggregate Base, 4 inch	100	Cyd	\$	25	\$		Install
		50	Syd					
CD /D	HMA, 4EML Pole Relocation	2	Ton	\$ 10.0	260		13,000	Install Install
6B (Removing curb	Pavt Mrkg, Waterborne, 4 inch, White	200	Ea Ft	, ,	3.50	•	700	Install
extensions at State and Union and adding LT lanes -	Pavt Mrkg, Waterborne, 4 Inch, White Pavt Mrkg, Waterborne, Lt Turn Arrow	200	Ea		250	\$	500	Install
			⊏a		20%		11,240	
both quadrants)	Contingency			+	2070			IVIISC
	Total			-			67,500	
	Design (10%)					\$	6,750	
	Mobilization and Traffic Control (10%)			-		\$	7,425	
	Construction Administration (10%)			-	_	\$	8,168	
	Total					\$	89,900	
Improvement	Pay Item	Quantity	Unit	Unit (	Cost	Pay Item	Cost	ID.
improvement	Curb and Gutter, Rem	40	Ft	\$	25	\$		
				_	_		,	
	Curb and Gutter, Conc	60	Ft	\$	60	\$	3,600	Install
	Aggregate Base, 4 inch	17	Syd	\$	25	\$	425	Install
	Curb Ramp Opening, Conc	25	Sft	\$	10	\$	250	Install
7 (curb extension at State and Union)	Conc Pavt, Nonreinf, 6 inch	17	Syd		100	\$	1,667	Install
	Contingency				20%	\$	1,388	Misc
and onlon)	Materials Total					\$	8,400	
	Design (10%)					\$	840	
	Mobilization and Traffic Control (10%)					\$	924	
	Construction Administration (10%)			1		\$	1,016	
	Total						11,200	
		·				-		
Improvement	Pay Item	Quantity	Unit	Unit (	Cost	Pay Item	Cost	ID
	TS, Span Wire Mtd, Rem and Salv	1	Ea	\$ 1.0	000	\$	1,000	Remov
	Controller Wiring and Programming	1	Ea	\$ 5,0	000	\$	5,000	Install
	TS, One Way Span Wire Mtd, FYA (LED), Long Life	1 1	Ea	\$ 2,0	_	\$	2,000	
	Contingency		La	_	20%	-		
A (adding EB LTGA at State				+ -	2070	\$		IVIISC
and Cass)	Materials Total			ļ		\$	9,600	
,	Design (10%)					\$	960	
	Mobilization and Traffic Control (10%)					\$	1,056	
	Construction Administration (10%)					\$	1,162	
	Total					\$	12,800	
Improvement	Pay Item	Quantity	Unit	Unit (	Coct	Pay Item	Cost	ID
improvement	Pavt Mrkg, Longit, 6 inch or less width, Rem	200	Ft	\$	6	\$		Remov
	Rem Spec Mrkg	29	Sft	\$	4	\$		
	Pavt Mrkg, Waterborne, 4 inch, Yellow			_	_			
			l Ft	\$ 3	3.50	\$	525	Install
		150					350	Install
	Pavt Mrkg, Waterborne, 4 inch, White	100	Ft	\$ 3	3.50	\$		
	Pavt Mrkg, Waterborne, 4 inch, White Pavt Mrkg, Waterborne, Lt Turn Arrow	100	Ft Ea	\$ 3	250	\$	500	Install
	Pavt Mrkg, Waterborne, 4 inch, White Pavt Mrkg, Waterborne, Lt Turn Arrow Pavt Mrkg, Waterborne, Thru and Rt Turn Arrow	100	Ft	\$ 3 \$ 2	250 250	\$	500 500	Install
B (Lane alignment on State east of Cass)	Pavt Mrkg, Waterborne, 4 inch, White Pavt Mrkg, Waterborne, Lt Turn Arrow	100	Ft Ea	\$ 3 \$ 2	250	\$	500 500	
	Pavt Mrkg, Waterborne, 4 inch, White Pavt Mrkg, Waterborne, Lt Turn Arrow Pavt Mrkg, Waterborne, Thru and Rt Turn Arrow	100	Ft Ea	\$ 3 \$ 2	250 250	\$	500 500	Install
	Pavt Mrkg, Waterborne, 4 inch, White Pavt Mrkg, Waterborne, Lt Turn Arrow Pavt Mrkg, Waterborne, Thru and Rt Turn Arrow Contingency Total	100	Ft Ea	\$ 3 \$ 2	250 250	\$ \$	500 500 618 <b>3,800</b>	Install
	Pavt Mrkg, Waterborne, 4 inch, White Pavt Mrkg, Waterborne, Lt Turn Arrow Pavt Mrkg, Waterborne, Thru and Rt Turn Arrow Contingency Total Design (10%)	100	Ft Ea	\$ 3 \$ 2	250 250	\$ \$ \$	500 500 618	Install
	Pavt Mrkg, Waterborne, 4 inch, White Pavt Mrkg, Waterborne, Lt Turn Arrow Pavt Mrkg, Waterborne, Thru and Rt Turn Arrow Contingency Total Design (10%) Mobilization and Traffic Control (10%)	100	Ft Ea	\$ 3 \$ 2	250 250	\$ \$ \$ \$ \$ \$	500 500 618 <b>3,800</b> 380 418	Install
	Pavt Mrkg, Waterborne, 4 inch, White Pavt Mrkg, Waterborne, Lt Turn Arrow Pavt Mrkg, Waterborne, Thru and Rt Turn Arrow Contingency Total Design (10%)	100	Ft Ea	\$ 3 \$ 2	250 250	\$ \$ \$	500 500 618 <b>3,800</b> 380	Install
	Pavt Mrkg, Waterborne, 4 inch, White Pavt Mrkg, Waterborne, Lt Turn Arrow Pavt Mrkg, Waterborne, Thru and Rt Turn Arrow Contingency Total Design (10%) Mobilization and Traffic Control (10%) Construction Administration (10%)	100 2 2 2	Ft Ea	\$ 3	250 250 20%	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	500 500 618 <b>3,800</b> 380 418 460	Install
	Pavt Mrkg, Waterborne, 4 inch, White Pavt Mrkg, Waterborne, Lt Turn Arrow Pavt Mrkg, Waterborne, Thru and Rt Turn Arrow Contingency Total Design (10%) Mobilization and Traffic Control (10%) Construction Administration (10%) Total  Pay Item	100 2 2 2	Ft Ea Ea	\$ 3 \$ 2 \$ 2	250 250 20% Cost	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	500 500 618 3,800 380 418 460 5,100	Install Misc
east of Cass)	Pavt Mrkg, Waterborne, 4 inch, White Pavt Mrkg, Waterborne, Lt Turn Arrow Pavt Mrkg, Waterborne, Thru and Rt Turn Arrow Contingency Total Design (10%) Mobilization and Traffic Control (10%) Construction Administration (10%) Total	100 2 2 2	Ft Ea Ea	\$ 3	250 250 20%	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	500 500 618 3,800 380 418 460 5,100	Install Misc
east of Cass)	Pavt Mrkg, Waterborne, 4 inch, White Pavt Mrkg, Waterborne, Lt Turn Arrow Pavt Mrkg, Waterborne, Thru and Rt Turn Arrow Contingency Total Design (10%) Mobilization and Traffic Control (10%) Construction Administration (10%) Total  Pay Item	100 2 2 2	Ft Ea Ea	\$ 3 \$ 2 \$ 2	250 250 20% Cost	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	500 500 618 3,800 380 418 460 5,100	Install Misc
east of Cass)	Pavt Mrkg, Waterborne, 4 inch, White Pavt Mrkg, Waterborne, Lt Turn Arrow Pavt Mrkg, Waterborne, Thru and Rt Turn Arrow Contingency Total Design (10%) Mobilization and Traffic Control (10%) Construction Administration (10%) Total  Pay Item Curb and Gutter, Rem	100 2 2 2 2 Quantity 200	Ft Ea	\$ 3 \$ : \$ : Unit (	250 250 20% Cost 25	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	500 500 618 3,800 380 418 460 5,100	Install Misc  ID Remov
east of Cass)	Pavt Mrkg, Waterborne, 4 inch, White Pavt Mrkg, Waterborne, Lt Turn Arrow Pavt Mrkg, Waterborne, Lt Turn Arrow Contingency Total  Design (10%) Mobilization and Traffic Control (10%) Construction Administration (10%) Total  Pay Item Curb and Gutter, Rem Curb and Gutter, Conc Subbase, CIP	100 2 2 2 2 Quantity 200 250 50	Ft Ea	Unit (	250 250 20% Cost 25 60 25	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	500 500 618 3,800 380 418 460 5,100 1 Cost 5,000 1,250	Install Misc  ID Remov Install Install
east of Cass)	Pavt Mrkg, Waterborne, 4 inch, White Pavt Mrkg, Waterborne, Lt Turn Arrow Pavt Mrkg, Waterborne, Lt Turn Arrow Contingency Total Design (10%) Mobilization and Traffic Control (10%) Construction Administration (10%) Total  Pay Item Curb and Gutter, Rem Curb and Gutter, Conc Subbase, CIP Aggregate Base, 4 inch	100 2 2 2 2 Quantity 200 250 50 125	Ft Ea Ea Ea Unit Ft Ft Cyd Syd	Unit (	250 250 20% 20% 25 60 25 25	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	500 500 618 3,800 380 418 460 5,100 1 Cost 5,000 15,000 1,250 3,125	Install Misc  ID Remove Install Install Install
east of Cass)  Improvement	Pavt Mrkg, Waterborne, 4 inch, White Pavt Mrkg, Waterborne, Lt Turn Arrow Pavt Mrkg, Waterborne, Lt Turn Arrow Contingency Total Design (10%) Mobilization and Traffic Control (10%) Construction Administration (10%) Total  Pay Item Curb and Gutter, Rem Curb and Gutter, Conc Subbase, CIP Aggregate Base, 4 inch HMA, 4EML	100 2 2 2 2 Quantity 200 250 50 125 60	Ft Ea Ea Ea Unit Ft Cyd Syd Ton	Unit 0	250 250 20% 20% 25 60 25 25 260	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	500 500 618 3,800 380 418 460 5,100 1 Cost 5,000 1,250 3,125 15,600	Install Misc  ID Remove Install Instal
east of Cass)  Improvement  9A (Removing curb	Pavt Mrkg, Waterborne, 4 inch, White Pavt Mrkg, Waterborne, Lt Turn Arrow Pavt Mrkg, Waterborne, Lt Turn Arrow Contingency Total Design (10%) Mobilization and Traffic Control (10%) Construction Administration (10%) Total  Pay Item Curb and Gutter, Rem Curb and Gutter, Rem Curb and Gutter, Conc Subbase, CIP Aggregate Base, 4 inch HIMA, 4EML Pole Relocation	100 2 2 2 2 2 Quantity 200 250 50 125 60	Ft Ea Ea Ea Unit Ft Ft Cyd Syd Ton Ea	Unit 0 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	250 250 20% 20% 20st 25 60 25 25 260 000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	500 500 618 3,800 380 418 460 5,100 1 Cost 5,000 15,000 1,250 3,125 15,600 10,000	Install Misc  ID Remove Install Instal
east of Cass)  Improvement  9A (Removing curb xtensions at State and Park	Pavt Mrkg, Waterborne, 4 inch, White Pavt Mrkg, Waterborne, Lt Turn Arrow Pavt Mrkg, Waterborne, Lt Turn Arrow Contingency Total Design (10%) Mobilization and Traffic Control (10%) Construction Administration (10%) Total  Pay Item Curb and Gutter, Rem Curb and Gutter, Conc Subbase, CIP Aggregate Base, 4 inch HMA, 4EML Pole Relocation Shelter Relocation	100 2 2 2   Quantity 200 250 50 125 60 1 1	Ft Ea Ea Ea Unit Ft Cyd Syd Ton Ea Ea Ea	Unit () \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	250 2250 220% 20% 25 25 25 260 2000 2000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	500 500 618 3,800 418 460 5,100 1 Cost 5,000 15,000 1,250 3,125 15,600 10,000 10,000	Install Misc  ID Remov Install Install Install Install Install Install Install
east of Cass)  Improvement  9A (Removing curb xtensions at State and Park	Pavt Mrkg, Waterborne, 4 inch, White Pavt Mrkg, Waterborne, Lt Turn Arrow Pavt Mrkg, Waterborne, Lt Turn Arrow Contingency Total Design (10%) Mobilization and Traffic Control (10%) Construction Administration (10%) Total  Pay Item  Curb and Gutter, Rem Curb and Gutter, Conc Subbase, CIP Aggregate Base, 4 inch HMA, 4EML Pole Relocation Shelter Relocation Pavt Mrkg, Waterborne, 4 inch, Yellow	100 2 2 2 2 Quantity 200 250 50 125 60	Ft Ea Ea Ea Unit Ft Ft Cyd Syd Ton Ea	Unit () \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	250 2250 220% 20% 25 25 25 260 25 260 000 000 3.50	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	500 500 618 3,800 380 418 460 5,100 1 Cost 5,000 1,250 3,125 15,600 10,000 700	Install Misc  ID Remov Install Install Install Install Install Install Install Install Install
east of Cass)  Improvement  9A (Removing curb xtensions at State and Park	Pavt Mrkg, Waterborne, 4 inch, White Pavt Mrkg, Waterborne, Lt Turn Arrow Pavt Mrkg, Waterborne, Lt Turn Arrow Contingency Total Design (10%) Mobilization and Traffic Control (10%) Construction Administration (10%) Total  Pay Item Curb and Gutter, Rem Curb and Gutter, Conc Subbase, CIP Aggregate Base, 4 inch HMA, 4EML Pole Relocation Shelter Relocation Shelter Relocation Pavt Mrkg, Waterborne, 4 inch, Yellow Contingency	100 2 2 2   Quantity 200 250 50 125 60 1 1	Ft Ea Ea Ea Unit Ft Cyd Syd Ton Ea Ea Ea	Unit () \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	250 2250 220% 20% 25 25 25 260 2000 2000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	500 500 618 3,800 380 418 460 5,100 1 Cost 5,000 1,250 3,125 15,600 10,000 10,000 700 12,135	Install Misc  ID Remov Install Install Install Install Install Install Install Install Install
east of Cass)  Improvement  9A (Removing curb xtensions at State and Park	Pavt Mrkg, Waterborne, 4 inch, White Pavt Mrkg, Waterborne, Lt Turn Arrow Pavt Mrkg, Waterborne, Lt Turn Arrow Contingency Total Design (10%) Mobilization and Traffic Control (10%) Construction Administration (10%) Total  Pay Item Curb and Gutter, Rem Curb and Gutter, Conc Subbase, CIP Aggregate Base, 4 inch HMA, 4EML Pole Relocation Shelter Relocation Pavt Mrkg, Waterborne, 4 inch, Yellow Contingency Total	100 2 2 2   Quantity 200 250 50 125 60 1 1	Ft Ea Ea Ea Unit Ft Cyd Syd Ton Ea Ea Ea	Unit () \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	250 2250 220% 20% 25 25 25 260 25 260 000 000 3.50	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	500 500 618 3,800 380 418 460 5,100 1,250 1,250 3,125 15,600 10,000 10,000 10,000 12,135 72,900	Install Misc  ID Remov Install Install Install Install Install Install Install Install Install
east of Cass)  Improvement  9A (Removing curb xtensions at State and Park	Pavt Mrkg, Waterborne, 4 inch, White Pavt Mrkg, Waterborne, Lt Turn Arrow Pavt Mrkg, Waterborne, Lt Turn Arrow Contingency Total Design (10%) Mobilization and Traffic Control (10%) Construction Administration (10%) Total  Pay Item  Curb and Gutter, Rem Curb and Gutter, Conc Subbase, CIP Aggregate Base, 4 inch HMA, 4EML Pole Relocation Shelter Relocation Pavt Mrkg, Waterborne, 4 inch, Yellow Contingency Total  Design (10%)	100 2 2 2   Quantity 200 250 50 125 60 1 1	Ft Ea Ea Ea Unit Ft Cyd Syd Ton Ea Ea Ea	Unit () \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	250 2250 220% 20% 25 25 25 260 25 260 000 000 3.50	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	500 500 618 3,800 380 418 460 5,100 1,250 1,250 3,125 15,600 10,000 10,000 700 12,135 72,900 7,290	Install Misc  ID Remov Install Install Install Install Install Install Install Install Install
east of Cass)  Improvement  9A (Removing curb xtensions at State and Park	Pavt Mrkg, Waterborne, 4 inch, White Pavt Mrkg, Waterborne, Lt Turn Arrow Pavt Mrkg, Waterborne, Lt Turn Arrow Contingency Total Design (10%) Mobilization and Traffic Control (10%) Construction Administration (10%) Total  Pay Item  Curb and Gutter, Rem Curb and Gutter, Conc Subbase, CIP Aggregate Base, 4 inch HMA, 4EML Pole Relocation Shelter Relocation Shelter Relocation Pavt Mrkg, Waterborne, 4 inch, Yellow Contingency Total Design (10%) Mobilization and Traffic Control (10%)	100 2 2 2   Quantity 200 250 50 125 60 1 1	Ft Ea Ea Ea Unit Ft Cyd Syd Ton Ea Ea Ea	Unit () \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	250 2250 220% 20% 25 25 25 260 25 260 000 000 3.50	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	500 500 618 3,800 418 460 5,100 1,250 1,250 1,250 10,000 700 12,135 72,900 8,019	Install Misc  ID Remov Install Install Install Install Install Install Install Install Install
east of Cass)  Improvement  9A (Removing curb xtensions at State and Park	Pavt Mrkg, Waterborne, 4 inch, White Pavt Mrkg, Waterborne, Lt Turn Arrow Pavt Mrkg, Waterborne, Lt Turn Arrow Contingency Total Design (10%) Mobilization and Traffic Control (10%) Construction Administration (10%) Total  Pay Item Curb and Gutter, Rem Curb and Gutter, Rem Curb and Gutter, Conc Subbase, CIP Aggregate Base, 4 inch HMA, 4EML Pole Relocation Shelter Relocation Pavt Mrkg, Waterborne, 4 inch, Yellow Contingency Total Design (10%) Mobilization and Traffic Control (10%) Construction Administration (10%)	100 2 2 2   Quantity 200 250 50 125 60 1 1	Ft Ea Ea Ea Unit Ft Cyd Syd Ton Ea Ea Ea	Unit () \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	250 2250 220% 20% 25 25 25 260 25 260 000 000 3.50	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	500 500 618 3,800 418 460 5,100 1 Cost 5,000 1,250 10,000 10,000 10,000 10,000 12,135 72,900 7,290 8,019 8,821	Install Misc  ID Remov Install Install Install Install Install Install Install Install Install
east of Cass)  Improvement  9A (Removing curb xtensions at State and Park	Pavt Mrkg, Waterborne, 4 inch, White Pavt Mrkg, Waterborne, Lt Turn Arrow Pavt Mrkg, Waterborne, Lt Turn Arrow Contingency Total Design (10%) Mobilization and Traffic Control (10%) Construction Administration (10%) Total  Pay Item  Curb and Gutter, Rem Curb and Gutter, Conc Subbase, CIP Aggregate Base, 4 inch HMA, 4EML Pole Relocation Shelter Relocation Shelter Relocation Pavt Mrkg, Waterborne, 4 inch, Yellow Contingency Total Design (10%) Mobilization and Traffic Control (10%)	100 2 2 2   Quantity 200 250 50 125 60 1 1	Ft Ea Ea Ea Unit Ft Cyd Syd Ton Ea Ea Ea	Unit () \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	250 2250 220% 20% 25 25 25 260 25 260 000 000 3.50	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	500 500 618 3,800 418 460 5,100 1,250 1,250 1,250 10,000 700 12,135 72,900 8,019	Install Misc  ID Remov Install Install Install Install Install Install Install Install Install
east of Cass)  Improvement  9A (Removing curb xtensions at State and Park and extending transit stop)	Pavt Mrkg, Waterborne, 4 inch, White Pavt Mrkg, Waterborne, Lt Turn Arrow Pavt Mrkg, Waterborne, Lt Turn Arrow Contingency Total Design (10%) Mobilization and Traffic Control (10%) Construction Administration (10%) Total  Pay Item  Curb and Gutter, Rem Curb and Gutter, Conc Subbase, CIP Aggregate Base, 4 inch HMA, 4EML Pole Relocation Shelter Relocation Shelter Relocation Pavt Mrkg, Waterborne, 4 inch, Yellow Contingency Total  Mobilization and Traffic Control (10%) Mobilization and Traffic Control (10%) Construction Administration (10%) Total	100 2 2 2 2  Quantity 200 250 50 125 60 1 1 200	Unit Ft Cyd Syd Ton Ea Ea Ft	Unit (	250 2250 220% 20% 25 25 25 25 260 000 000 3.50 20%	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	500 500 500 380 418 460 5,100 1,250 3,125 15,600 10,000 700 12,135 7,290 8,821 8,821 8,821 8,821 8,821	Install Misc  ID Remov Install
east of Cass)  Improvement  9A (Removing curb xtensions at State and Park	Pavt Mrkg, Waterborne, 4 inch, White Pavt Mrkg, Waterborne, Lt Turn Arrow Pavt Mrkg, Waterborne, Lt Turn Arrow Contingency Total Design (10%) Mobilization and Traffic Control (10%) Construction Administration (10%) Total  Pay Item  Curb and Gutter, Rem Curb and Gutter, Rem Curb and Gutter, Conc Subbase, CIP Aggregate Base, 4 inch HIMA, 4EML Pole Relocation Shelter Relocation Pavt Mrkg, Waterborne, 4 inch, Yellow Contingency Total Design (10%) Mobilization and Traffic Control (10%) Construction Administration (10%) Total  Pay Item	100 2 2 2 2  Quantity 200 250 50 125 60 1 1 200  Quantity	Unit Ft Cyd Syd Ton Ea Ea Ft Unit Unit Unit Unit Unit	Unit (	250 250 20% 20% 25 60 25 25 25 260 000 000 3.50 20%	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	500 500 500 618 3,800 380 418 460 5,100 1,250 1,	Install Misc  ID Remov Install
east of Cass)  Improvement  9A (Removing curb ktensions at State and Park and extending transit stop)	Pavt Mrkg, Waterborne, 4 inch, White Pavt Mrkg, Waterborne, Lt Turn Arrow Pavt Mrkg, Waterborne, Lt Turn Arrow Contingency Total Design (10%) Mobilization and Traffic Control (10%) Construction Administration (10%) Total  Pay Item Curb and Gutter, Rem Curb and Gutter, Conc Subbase, CIP Aggregate Base, 4 inch HMA, 4EML Pole Relocation Shelter Relocation Pavt Mrkg, Waterborne, 4 inch, Yellow Contingency Total Design (10%) Mobilization and Traffic Control (10%) Total  Pay Item	100 2 2 2 2  Quantity 200 250 50 125 60 1 1 0 200  Quantity 50	Ft Ea	Unit ( ) \$ 3 4 5 10,10 10 10 10 10 10 10 10 10 10 10 10 10 1	250 250 220% 20% 25 60 25 25 25 25 260 000 000 3.50 20%	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	500 500 380 380 418 460 5,100 15,000 15,000 15,000 700 700 10,000 700 7,290 8,019 8,019 8,821 97,100	Install Misc  ID Remov Install
east of Cass)  Improvement  9A (Removing curb ktensions at State and Park and extending transit stop)	Pavt Mrkg, Waterborne, 4 inch, White Pavt Mrkg, Waterborne, Lt Turn Arrow Pavt Mrkg, Waterborne, Lt Turn Arrow Contingency Total Design (10%) Mobilization and Traffic Control (10%) Construction Administration (10%) Total  Pay Item  Curb and Gutter, Rem Curb and Gutter, Conc Subbase, CIP Aggregate Base, 4 inch HMA, 4EML Pole Relocation Shelter Relocation Shelter Relocation Pavt Mrkg, Waterborne, 4 inch, Yellow Contingency Total  Pay Item  Pay Item Pa	100 2 2 2 2  Quantity 200 250 50 125 60 1 1 200  Quantity	Unit Ft Cyd Syd Ton Ea Ea Ft Unit Unit Unit Unit Unit	Unit (	250 250 250 20% 20% 25 25 260 200 3.50 20% 2.50	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	500 500 500 380 380 418 460 5,100 1,250 3,125 15,600 10,000 700 12,135 8,019 7,290 8,019 7,290 8,019 7,290 8,019 7,290 8,019 7,290 8,019 7,290 8,019 7,290 8,019 7,290 8,019 7,290 8,019 7,290 8,019 7,290 8,019 7,290 8,019 7,290 8,019 7,290 8,019 8	Install Misc  ID Remov Install Install Install Install Install Install Misc
east of Cass)  Improvement  9A (Removing curb tensions at State and Park and extending transit stop)  Improvement	Pavt Mrkg, Waterborne, 4 inch, White Pavt Mrkg, Waterborne, Lt Turn Arrow Pavt Mrkg, Waterborne, Lt Turn Arrow Contingency Total Design (10%) Mobilization and Traffic Control (10%) Construction Administration (10%) Total  Pay Item Curb and Gutter, Rem Curb and Gutter, Conc Subbase, CIP Aggregate Base, 4 inch HMA, 4EML Pole Relocation Shelter Relocation Pavt Mrkg, Waterborne, 4 inch, Yellow Contingency Total Design (10%) Mobilization and Traffic Control (10%) Total  Pay Item	100 2 2 2 2  Quantity 200 250 50 125 60 1 1 0 200  Quantity 50	Ft Ea	Unit (	250 250 220% 20% 25 60 25 25 25 25 260 000 000 3.50 20%	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	500 500 380 380 418 460 5,100 15,000 15,000 15,000 700 700 10,000 700 7,290 8,019 8,019 8,821 97,100	Install Misc  ID Remov Install
east of Cass)  Improvement  9A (Removing curb tensions at State and Park and extending transit stop)  Improvement	Pavt Mrkg, Waterborne, 4 inch, White Pavt Mrkg, Waterborne, Lt Turn Arrow Pavt Mrkg, Waterborne, Lt Turn Arrow Contingency Total Design (10%) Mobilization and Traffic Control (10%) Construction Administration (10%) Total  Pay Item  Curb and Gutter, Rem Curb and Gutter, Conc Subbase, CIP Aggregate Base, 4 inch HMA, 4EML Pole Relocation Shelter Relocation Shelter Relocation Pavt Mrkg, Waterborne, 4 inch, Yellow Contingency Total  Pay Item  Pay Item Pa	100 2 2 2 2  Quantity 200 250 50 125 60 1 1 0 200  Quantity 50	Ft Ea	Unit (	250 250 250 20% 20% 25 25 260 200 3.50 20% 2.50	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	500 500 500 380 380 418 460 5,100 1,250 3,125 15,600 10,000 700 12,135 8,019 7,290 8,019 7,290 8,019 7,290 8,019 7,290 8,019 7,290 8,019 7,290 8,019 7,290 8,019 7,290 8,019 7,290 8,019 7,290 8,019 7,290 8,019 7,290 8,019 7,290 8,019 7,290 8,019 8	Install Misc  ID Remov Install
Improvement  9A (Removing curb tensions at State and Park and extending transit stop)  Improvement	Pavt Mrkg, Waterborne, 4 inch, White Pavt Mrkg, Waterborne, Lt Turn Arrow Pavt Mrkg, Waterborne, Lt Turn Arrow Contingency Total  Design (10%) Mobilization and Traffic Control (10%) Construction Administration (10%) Total  Pay Item  Curb and Gutter, Rem Curb and Gutter, Conc Subbase, CIP Aggregate Base, 4 inch HIMA, 4EML Pole Relocation Pavt Mrkg, Waterborne, 4 inch, Yellow Contingency Total  Design (10%) Mobilization and Traffic Control (10%) Construction Administration (10%) Total  Pay Item Pay Item Pavt Mrkg, Less than 6 inch width, Rem Pavt Mrkg, Less than 6 inch width, Rem Pavt Mrkg, Waterborne, 4 inch, White Contingency Materials Total	100 2 2 2 2  Quantity 200 250 50 125 60 1 1 0 200  Quantity 50	Ft Ea	Unit (	250 250 250 20% 20% 25 25 260 200 3.50 20% 2.50	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	500 500 500 380 380 418 460 5,100 15,000 15,000 15,000 700 700 700 8,019 8,821 97,100 10,000 7,290 8,019 8,821 125 5,000 10,000	Install Misc  ID Remov Install
east of Cass)  Improvement  9A (Removing curb tensions at State and Park and extending transit stop)  Improvement	Pavt Mrkg, Waterborne, 4 inch, White Pavt Mrkg, Waterborne, Lt Turn Arrow Pavt Mrkg, Waterborne, Lt Turn Arrow Contingency Total Design (10%) Mobilization and Traffic Control (10%) Construction Administration (10%) Total  Pay Item  Curb and Gutter, Rem Curb and Gutter, Rem Curb and Gutter, Conc Subbase, CIP Aggregate Base, 4 inch HMA, 4EML Pole Relocation Pavt Mrkg, Waterborne, 4 inch, Yellow Contingency Total  Design (10%) Mobilization and Traffic Control (10%) Construction Administration (10%) Total  Pay Item Pavt Mrkg, Less than 6 inch width, Rem Pavt Mrkg, Waterborne, 4 inch, White Contingency Total  Pay Item Pavt Mrkg, Less than 6 inch width, Rem Pavt Mrkg, Waterborne, 4 inch, White Contingency Materials Total Design (10%)	100 2 2 2 2  Quantity 200 250 50 125 60 1 1 0 200  Quantity 50	Ft Ea	Unit (	250 250 250 20% 20% 25 25 260 200 3.50 20% 2.50	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	500 500 500 380 380 418 460 5,100 10,000 700 11,250 31,125 15,600 10,000 700 12,135 8,019 7,290 8,019 8,019 7,290 8,019	Install Misc  ID Remov Install Install Install Install Install Install Misc
lmprovement  9A (Removing curb extensions at State and Park and extending transit stop)  Improvement  B (extending the striped bus	Pavt Mrkg, Waterborne, 4 inch, White Pavt Mrkg, Waterborne, Lt Turn Arrow Pavt Mrkg, Waterborne, Lt Turn Arrow Contingency Total Design (10%) Mobilization and Traffic Control (10%) Construction Administration (10%) Total  Pay Item  Curb and Gutter, Rem Curb and Gutter, Conc Subbase, CIP Aggregate Base, 4 inch HMA, 4EML Pole Relocation Shelter Relocation Shelter Relocation Shelter Relocation Design (10%) Mobilization and Traffic Control (10%) Construction Administration (10%) Total  Pay Item  Pavt Mrkg, Waterborne, 4 inch, Yellow Contingency Total  Pay Item Pavt Mrkg, Uses than 6 inch width, Rem Pavt Mrkg, Waterborne, 4 inch, White Contingency Materials Total Design (10%) Mobilization and Traffic Control (10%) Total  Pay Item Pavt Mrkg, Waterborne, 4 inch, White Contingency Materials Total Design (10%) Mobilization and Traffic Control (10%)	100 2 2 2 2  Quantity 200 250 50 125 60 1 1 0 200  Quantity 50	Ft Ea	Unit (	250 250 250 20% 20% 25 25 260 200 3.50 20% 2.50	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	500 500 500 500 500 380 380 418 460 5,100 15,000 115,000 115,000 110,000 10,000 10,000 700 12,135 72,900 7,290 8,821 125 6,010 10,000 50 50 500 50	Install Misc  ID Remov Install
Improvement  9A (Removing curb extensions at State and Park and extending transit stop)  Improvement	Pavt Mrkg, Waterborne, 4 inch, White Pavt Mrkg, Waterborne, Lt Turn Arrow Pavt Mrkg, Waterborne, Lt Turn Arrow Contingency Total Design (10%) Mobilization and Traffic Control (10%) Construction Administration (10%) Total  Pay Item  Curb and Gutter, Rem Curb and Gutter, Rem Curb and Gutter, Conc Subbase, CIP Aggregate Base, 4 inch HMA, 4EML Pole Relocation Pavt Mrkg, Waterborne, 4 inch, Yellow Contingency Total  Design (10%) Mobilization and Traffic Control (10%) Construction Administration (10%) Total  Pay Item Pavt Mrkg, Less than 6 inch width, Rem Pavt Mrkg, Waterborne, 4 inch, White Contingency Total  Pay Item Pavt Mrkg, Less than 6 inch width, Rem Pavt Mrkg, Waterborne, 4 inch, White Contingency Materials Total Design (10%)	100 2 2 2 2  Quantity 200 250 50 125 60 1 1 0 200  Quantity 50	Ft Ea	Unit (	250 250 250 20% 20% 25 25 260 200 3.50 20% 2.50	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	500 500 500 380 380 418 460 5,100 10,000 700 11,250 31,125 15,600 10,000 700 12,135 8,019 7,290 8,019 8,019 7,290 8,019	Install Misc  ID Remov Install

1 10 " 5					Pay Item Cost	ID
rb and Gutter, Rem	50	Ft	\$	25	\$ 1,250	Removal
rb and Gutter, Conc	75	Ft	\$	60	\$ 4,500	Install
gregate Base, 4 inch	30	Syd	\$	25	\$ 750	Install
nc Pavt, Nonreinf, 6 inch	30	Sft	\$	100	\$ 3,000	Install
ntingency				20%	\$ 1,900	Misc
terials Total					\$ 11,400	
sign (10%)					\$ 1,140	
bilization and Traffic Control (10%)					\$ 1,254	
nstruction Administration (10%)					\$ 1,379	
tal					\$ 15,200	
t	regate Base, 4 inch to Pavt, Nonreinf, 6 inch titingency erials Total sign (10%) bilization and Traffic Control (10%) struction Administration (10%)	regate Base, 4 inch 30  to Pavt, Nonreinf, 6 inch 30  titingency erials Total sign (10%) bilization and Traffic Control (10%) struction Administration (10%)	regate Base, 4 inch 30 Syd  ic Pavt, Nonreinf, 6 inch 30 Sft  titingency  erials Total  ign (10%)  bilization and Traffic Control (10%)  istruction Administration (10%)	regate Base, 4 inch   30   \$yd   \$     to Pavt, Nonreinf, 6 inch   30   \$ft   \$     thingency       erlals Total       ign (10%)       istruction and Traffic Control (10%)     istruction (10%)	regate Base, 4 inch 30 Syd \$ 25 to Pavt, Nonreinf, 6 inch 30 Sft \$ 100 20% length of the Pavt, Nonreinf, 6 inch 30 Sft \$ 100 20% length of the Pavt, Nonreinf, 6 inch 30 Sft \$ 100 20% length of the Pavt of the P	regate Base, 4 inch   30   Syd   \$ 25   \$ 750     to Pavt, Nonreinf, 6 inch   30   Sft   \$ 100   \$ 3,000     tingency   20%   \$ 1,900     erials Total   \$ 11,400     sign (10%)   \$ 1,140     istruction and Traffic Control (10%)   \$ 1,254     istruction Administration (10%)   \$ 1,379     struction 4dministration (10%)   \$ 1,379     s

Improvement	Pay Item	Quantity	Unit	Unit Cost	Pay Item Cost	ID
	Curb and Gutter, Rem	100	Ft	\$ 25	\$ 2,500	Removal
	Curb and Gutter, Conc	125	Ft	\$ 60	\$ 7,500	Install
	Aggregate Base, 4 inch	61	Syd	\$ 25	\$ 1,528	Install
	Conc Pavt, Nonreinf, 6 inch	39	Syd	\$ 100	\$ 3,889	Install
	Sidewalk, Conc, 6 inch	200	Sft	\$ 10	\$ 2,000	Install
11 (Curb extension at NW	Curb Ramp Opening, Conc	50	Sft	\$ 10	\$ 500	Install
corner of State and	_Catch Basin Casting, Adjust	1	Ea	\$ 5,000	\$ 5,000	Install
Boardman)	_Catch Basin Casting, Furnish	1	Ea	\$ 5,000	\$ 5,000	Install
Boardinaii)	Contingency			20%	\$ 5,583	Misc
	Total				\$ 33,500	
	Design (10%)				\$ 3,350	
	Mobilization and Traffic Control (10%)				\$ 3,685	
	Construction Administration (10%)				\$ 4,054	
	Total				\$ 44,600	

Improvement	Pay Item	Quantity	Unit	Unit Cost	Pay Item Cost	ID
	Curb and Gutter, Rem	80	Ft	\$ 25	\$ 2,000	Removal
	Curb and Gutter, Conc	120	Ft	\$ 60	\$ 7,200	Install
	Aggregate Base, 4 inch	38	Syd	\$ 25	\$ 944	Install
	Conc Pavt, Nonreinf, 6 inch	33	Sft	\$ 100	\$ 3,278	Install
12 (Curb extension at NE	Curb Ramp Opening, Conc	25	Sft	\$ 10	\$ 250	Install
corner of State and	Sidewalk, Conc, 6 inch	50	Sft	\$ 10		Install
Boardman)	Contingency			20%	\$ 2,834	Misc
Boardinaii)	Materials Total				\$ 17,100	
	Design (10%)				\$ 1,710	
	Mobilization and Traffic Control (10%)				\$ 1,881	
	Construction Administration (10%)				\$ 2,069	
	Total		-		\$ 22,800	

Improvement	Pay Item	Quantity	Unit	Unit Cost	Pay Item Cost	ID
	Delineator, Rem	13	Ea	\$ 10	\$ 130	Removal
	Paint, Rem	1810	Sft	\$ 1		Removal
	Curb and Gutter, Rem	90	Ft	\$ 25	\$ 2,250	Removal
	Curb and Gutter, Conc	150	Ft	\$ 60	\$ 9,000	Install
	Aggregate Base, 4 inch	200	Syd	\$ 25	\$ 5,000	Install
	Conc Pavt, Nonreinf, 6 inch	144	Syd	\$ 100	\$ 14,444	Install
42 (0	Sidewalk, Conc, 6 inch	500	Sft	\$ 10	\$ 5,000	Install
13 (Curb extension at SW corner of Boardman and	Curb Ramp Opening, Conc	50	Sft	\$ 10	\$ 500	Install
	_Catch Basin Casting, Adjust	2	Ea	\$ 5,000		Install
Front)	_Catch Basin Casting, Furnish	2	Ea	\$ 5,000	\$ 10,000	Install
	Contingency			20%	\$ 11,446	Misc
	Materials Total				\$ 68,700	
	Design (10%)				\$ 6,870	
	Mobilization and Traffic Control (10%)				\$ 7,557	
	Construction Administration (10%)				\$ 8,313	
	Total		The state of the s		\$ 91,500	

Improvement	Pay Item	Quantity	Unit	Unit Cost	Pay Item Cost	ID
	Curb and Gutter, Rem	115	Ft	\$ 25	\$ 2,875	Removal
	Curb and Gutter, Conc	175	Ft	\$ 60	\$ 10,500	Install
	Aggregate Base, 4 inch	107	Syd	\$ 25	\$ 2,667	Install
	Conc Pavt, Nonreinf, 6 inch	83	Syd	\$ 100	\$ 8,333	Install
	Sign, Type I, Erect	1	Ea	\$ 600	\$ 600	Install
	Sidewalk, Conc, 6 inch	210	Sft	\$ 10	\$ 2,100	Install
14 (Curb extension at SE	Curb Ramp Opening, Conc	50	Sft	\$ 10	\$ 500	Install
corner of Boardman and	_Catch Basin Casting, Adjust	1	Ea	\$ 5,000		Install
Front)	_Catch Basin Casting, Furnish	1	Ea	\$ 5,000	\$ 5,000	Install
	Contingency			20%	\$ 7,515	Misc
	Materials Total				\$ 45,100	
	Design (10%)				\$ 4,510	
	Mobilization and Traffic Control (10%)				\$ 4,961	
	Construction Administration (10%)				\$ 5,457	
	Total				\$ 60,100	

Improvement	Pay Item	Quantity	Unit	Unit Cost	Pay Item Cost	ID
	Curb and Gutter, Rem	30	Ft	\$ 25	\$ 750	Removal
	Curb and Gutter, Conc	75	Ft	\$ 60	\$ 4,500	Install
	Aggregate Base, 4 inch	21	Syd	\$ 25	\$ 514	Install
	Conc Pavt, Nonreinf, 6 inch	21	Syd	\$ 100	\$ 2,056	Install
	Sign, Type I, Erect	1	Ea	\$ 600	\$ 600	Install
15A (Curb extension at NE	Sidewalk, Conc, 6 inch	100	Sft	\$ 10	\$ 1,000	Install
corner of Boardman and	Curb Ramp Opening, Conc	25	Sft	\$ 10	\$ 250	Install
Front)	Contingency			20%	\$ 1,934	Misc
	Materials Total				\$ 11,700	
	Design (10%)				\$ 1,170	
	Mobilization and Traffic Control (10%)				\$ 1,287	
	Construction Administration (10%)				\$ 1,416	
	Total				\$ 15,600	

Improvement	Pay Item	Quantity	Unit	<b>Unit Cost</b>	Pay Item Cost	ID
	Curb and Gutter, Rem	125	Ft	\$ 25	\$ 3,125	Removal
	Curb and Gutter, Conc	200	Ft	\$ 60	\$ 12,000	Install
	Aggregate Base, 4 inch	240	Syd	\$ 25		Install
	Conc Pavt, Nonreinf, 6 inch	194	Syd	\$ 100	\$ 19,444	Install
	Sign, Type I, Erect	1	Ea	\$ 600	\$ 600	Install
	Sidewalk, Conc, 6 inch	200	Sft	\$ 10	\$ 2,000	Install
15B (Larger curb extension	Curb Ramp Opening, Conc	50	Sft	\$ 10	\$ 500	Install
at N corner of Boardman and		1	Ea	\$ 5,000	\$ 5,000	Install
Front)	_Catch Basin Casting, Furnish	1	Ea	\$ 5,000	\$ 5,000	Install
· ·	Contingency			20%	\$ 10,734	Misc
	Total				\$ 64,500	
	Design (10%)				\$ 6,450	
	Mobilization and Traffic Control (10%)				\$ 7,095	
	Construction Administration (10%)				\$ 7,805	
	Total				\$ 85,900	

Improvement	Pay Item	Quantity	Unit	Unit Cost	Pay Item Cost	ID
	Pavt Mrkg, Longit, 6 inch or less width, Rem	500	Ft	\$ 2	\$ 1,000	Removal
	Pavt Mrkg, Waterborne, 4 inch, Yellow	1000	Ft	\$ 3	\$ 3,000	Install
	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	20	Ft	\$ 15	\$ 300	Install
	Pavt Mrkg, Ovly Cold Plastic, Rt and Lt Turn Arrow Sym	1	Ea	\$ 330	\$ 330	Install
aparations on Front between	Contingency			20%	\$ 926	Misc
Park and Boardman)	Materials Total				\$ 5,600	
r und Bourdman)	Design (10%)				\$ 560	
	Mobilization and Traffic Control (10%)				\$ 616	
	Construction Administration (10%)				\$ 678	
	Total				\$ 7,500	

**ROAD CROSS SECTION** 

STATE ST

UNION ST TO PARK ST

STATE STREET 2-WAY CONVERSION

9/30/2022 PRELIMINARY 11/11/2022 ITERATION 1

PROJECT NUMBER 91370001 PROJECT MANAGER

PROFESSIONAL

DRAWN BY

CHECKED BY CEZ

SSiVP

STATE STREET

CONVERSION

STATE STREET TRAVERSE CITY

TOTAL STATE STREET TRAVERSE CITY

CONVERSION

STATE STREET TRAVERSE CITY, MICHIGAN

**ROAD CROSS SECTION** 

PINE & STATE ST

FRONT ST TO UNION ST

PROJECT NUMBER
91370001
PROJECT MANAGER
CEZ
PROFESSIONAL
CEZ
DRAWN BY
PCS

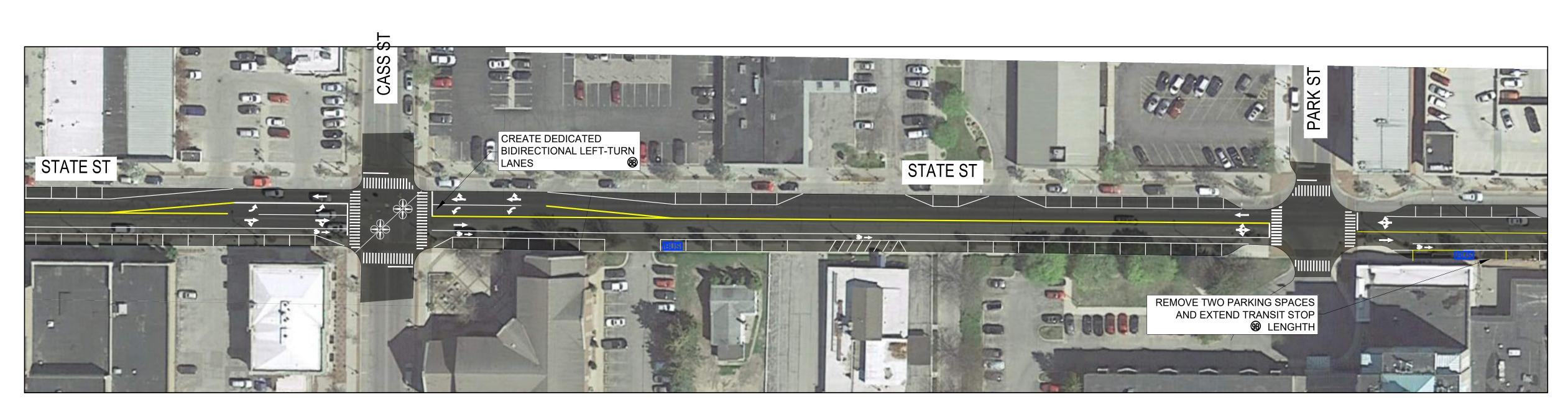
STATE STREET 2-WAY CONVERSION

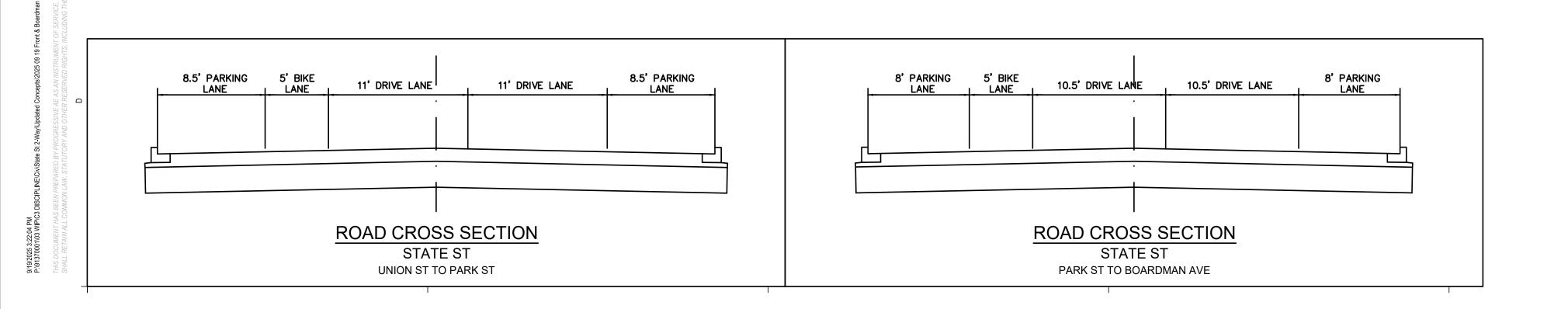
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STATE STRE

STATE STREET 2-WAY CONVERSION B







8' PARKING

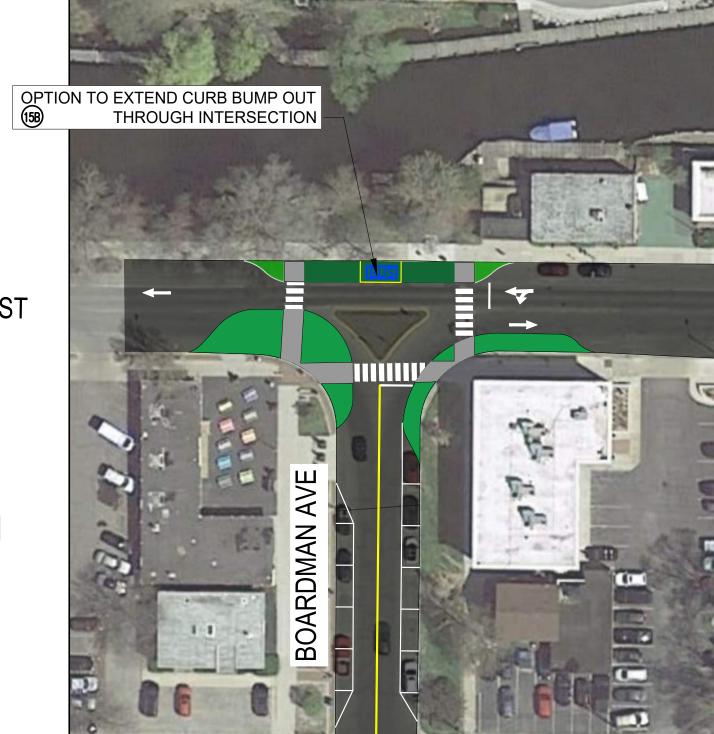
10.5' DRIVE LANE

**ROAD CROSS SECTION** 

STATE ST

PARK ST TO BOARDMAN AVE

, 10.5' DRIVE LANE



# 8' PARKING

STATE STREET 2-WAY CONVERSION

STATE STREET 2-WAY CONVERSION

ISSUANCE

9/30/2022 PRELIMINARY 11/11/2022 ITERATION 1

PROJECT NUMBER 91370001 PROJECT MANAGER

PROFESSIONAL

DRAWN BY PCS

CHECKED BY CEZ

SSiVP

prog

2-WAY

STATE STREET

CONVERSION

STATE STREET

CONVERSION

STATE STREET TRAVERSE CITY

CONVERSION

8.5' PARKING

11.5' DRIVE LANE

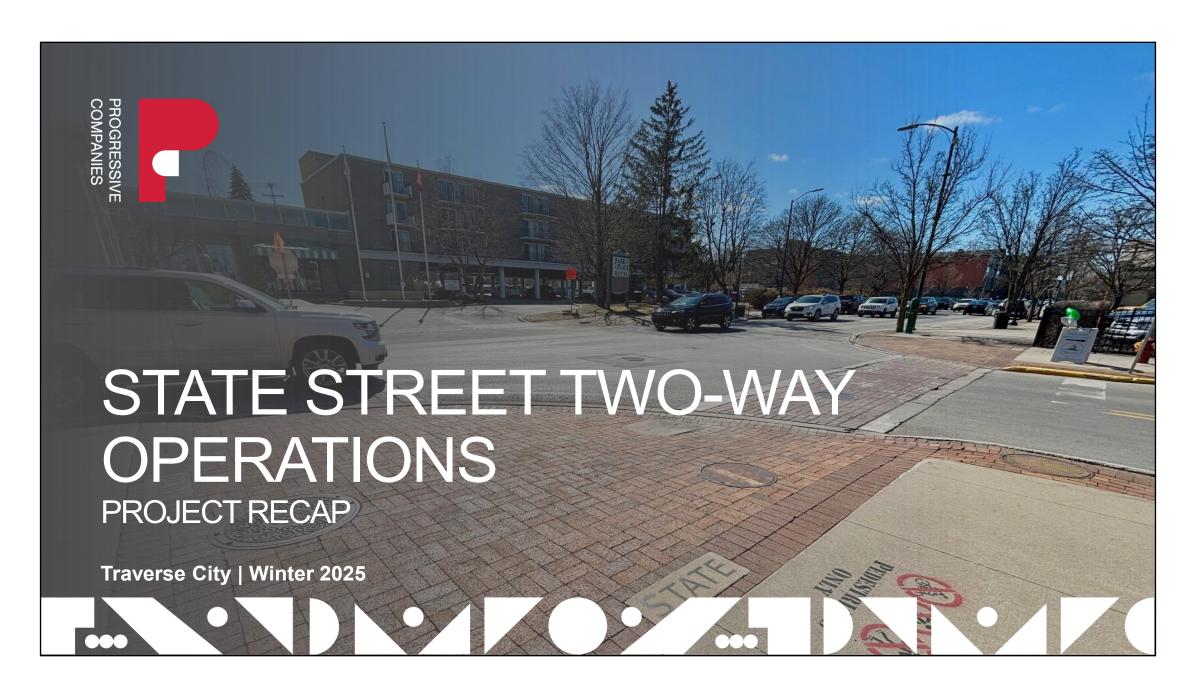
**ROAD CROSS SECTION** 

**BOARDMAN AVE** 

FRONT ST TO STATE ST

8.5' PARKING

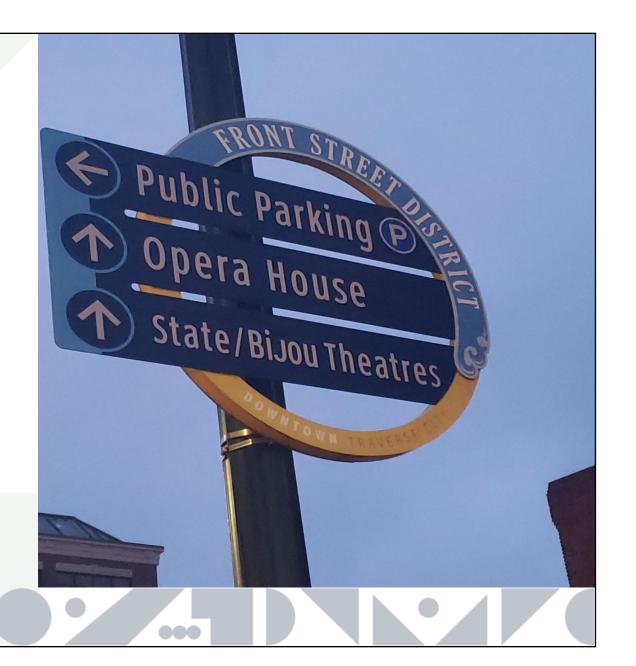
11.5' DRIVE LANE



### Agenda

- 1. Introduction
- 2. Background
- 3. Implementation
- 4. Analysis and Results
- 5. Opportunities

### Introduction



### Why Two-Way?

Traverse City is a world-class place to live, work, shop, and play.

- 1. Would changes to how our streets operate help create the next-best version of Traverse City?
- 2. What would a process that is expert-led and community-driven tell us about making the change to two-way?
- 3. How do we define and measure success?



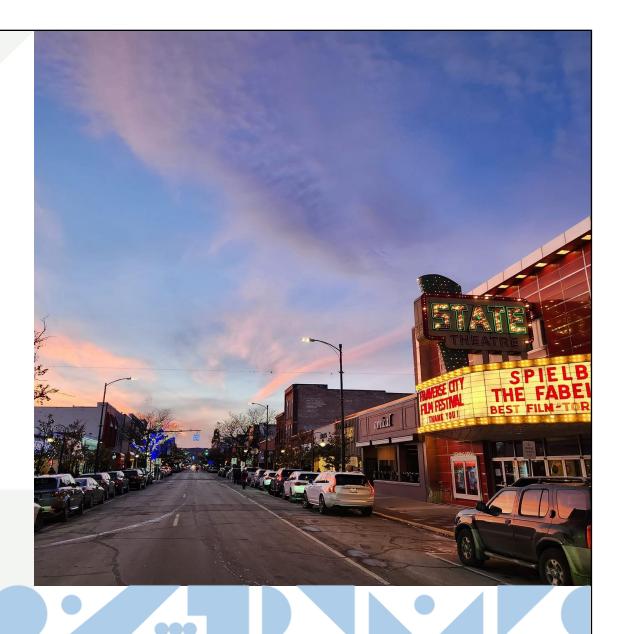
### Methodology

- Historical and case study research
- Data-driven approach
  - Traffic counts
  - Modeled levels of service
- Public engagement
- Two alternatives evaluated
- Integrating feedback from key stakeholders (City engineer, BATA, DDA, elected and appointed officials)
- Cost estimating

Study Objective

Investigate conversion of Traverse City's downtown street grid to two-way operation.

### Background



### **History of the Downtown Street Network**

- State Street, Front Street, Pine Street, and Boardman Avenue operated as two-way until 1967
- Conversion to one-way operation occurred in the spring of 1967
  - Followed national practices and ideals of the time
  - Primary goal: lessen traffic congestion without losing on-street parking



### **National Conversations** and Best Practices

- Industry best practices and traffic operation philosophy are evolving:
  - Priority is shifting from expediting vehicle traffic through downtowns to focusing on safety, speed, and multimodal
- Historically: How can we get people driving to and from places as quickly as possible?
- Do the streets that provide people access take away from the place itself?

As one-way streets fall out of favor, 1st Street in downtown Duluth will become a two-way

The conversion will be made later this summer.





### One-Way Streets Have Worse Crashes, Higher Crime and Lower Property Values — Why do we Still Use Them?

How reverting one-way streets to two-way can boost both safety and economic development.

TRAFFIC AND CONSTRUCTION

Should Fargo-Moorhead trade its one-way streets for twoways? Studies show safety, economic benefits

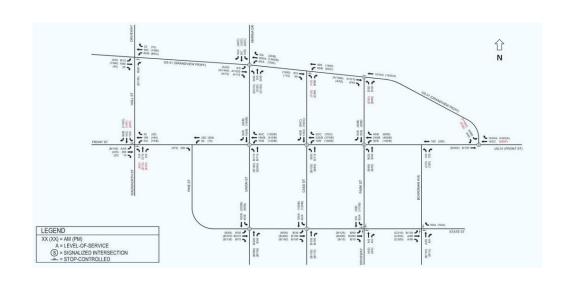
Written By: Barry Amundson | 5:10 pm, Jan. 18, 2019

### **Benefits and Challenges**

	Benefits	Challenges
One-Way	<ul> <li>Greater vehicle capacity</li> <li>Generally faster throughput</li> <li>Fewer conflict points (places where crashes can occur) at intersections</li> <li>People walking only have to look one direction when crossing a street</li> </ul>	<ul> <li>Less common and less intuitive</li> <li>Requires more signage to alert users</li> <li>Less direct (more circuitous)</li> </ul>
Two-Way	<ul> <li>Slower vehicle speeds and less severe accidents</li> <li>Fewer vehicles circulating to find parking</li> <li>More common and more intuitive</li> <li>On-street parking on right-side more natural to drivers</li> </ul>	<ul> <li>Less vehicle capacity</li> <li>Increased vehicle delay,</li> <li>including emergency response</li> <li>vehicles</li> <li>Traffic signals more complex</li> <li>More conflict points</li> </ul>

### **Identifying Existing Conditions**

- Evaluating potential changes also requires establishing a baseline of existing conditions
- Thorough analysis of quantitative and qualitative data was performed to better understand one-way operations
- Key takeaways included:
  - Public familiarity been the same since 1967
  - No additional infrastructure costs
  - 47% of people polled supported keeping the existing one-way pattern
  - Vehicular operations are adequate





### Project Kick-Off: Leading with Engagement

- City and DDA staff were aware of the evolution of industry best practices for one-way streets in a downtown and urban area
- Initiated an engagement process in July 2021 to explore feasibility of two-way conversion
  - 3 rounds of engagement
  - 20 public meetings
  - Over 1,000 survey responses and public house attendees
  - Stakeholders included municipal staff, community partners, business and property owners, BATA, Disability Network, TART, DDA, NORTE, and others





### **Evaluating Design Alternatives**

- Two design alternatives were identified and analyzed through initial coordination with city and DDA staff
  - Alternative 1 introduced two-way operations on both Front and State Streets
  - Alternative 2 converted State Street only to two-way
- Alternative 2 was intended to capitalize on the best of both approaches
- Minimal disruption to businesses along Front
- Modeled vehicular operations were acceptable
- Alternative 2 was selected as the preferred alternative





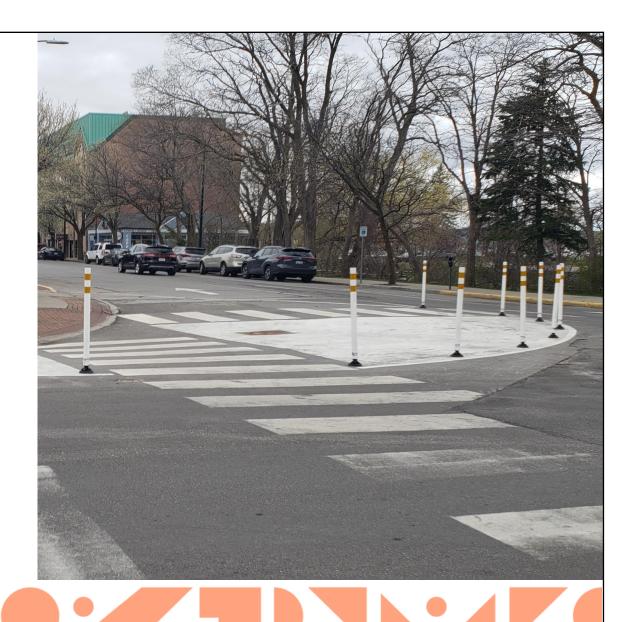
### **Background and Timeline**

- Following engagement and alternatives analysis, State Street, Pine Street, and Boardman Avenue were converted to two-way operation in November 2022 on a temporary basis
  - This timeframe was selected to identify outcomes during winter and snow maintenance
  - Minor adjustments were made in June 2023 to improve the user experience
- The pilot project was extended through 2025



### **Iterative Improvements**

- Data collection has informed iterative improvements made throughout the process:
  - All-way stop at Pine Street and Front Street introduced
  - Removed splitter island at Pine Street and Boardman Avenue
  - Restriped parking to maintain appropriate access to businesses and driveways
  - Modifying the State Street entry to the Hardy Parking Deck
  - Bagged meters along the Pine/State Street curve
  - Future improvements can include the addition of left-turn phasing at signals and reconfiguring onstreet parking



### **Establishing Project Goals and Metrics**

- Establishing a baseline of existing operations and clearly defining measures of success were key first steps in the project process
- Five overarching project goals and metrics were identified:
  - 1. Slow vehicle traffic on State Street.
  - 2. Create a safer and more comfortable environment for pedestrians and bicyclists on State Street.
  - 3. Help enhance the public realm.
  - 4. Encourage private investment in underdeveloped areas.
  - 5. Provide more connectivity to the grid system.
- Data has been collected to inform whether these goals and metrics were being met



## Analysis and Results



### Aligning Findings With Project Goals and Metrics



- 1. Slow traffic on State Street.
  - a) 85<sup>th</sup> and average speeds
  - b) Speed limit compliance (% of drivers traveling greater than 25 MPH)
  - c) Excessive speeding (vehicles traveling faster than 35 MPH)



- 2. Create a safer and more comfortable environment for pedestrians and bicycles on State Street.
  - a) Pedestrian and bicycle volumes
  - b) Crashes involving pedestrians or bicyclists



- 3. Help enhance the public realm.
  - a) Parking revenue data



- 4. Encourage private investment in underdeveloped commercial areas.
  - a) Property tax revenue collected



- 5. Provide better connectivity to the existing grid system.
  - a) Increased traffic volumes



### 85th Percentile Speed

**One-Way Operation** 

26 MPH

**Two-Way Operation** 

23 MPH

23 MPH

22 MPH



## **How Does Speed Affect Safety?**

- Reductions in driver speed provide exponential benefits in the event of a collision with a person walking or bicycling
- At 20 MPH, a person struck by a driver has a 90% chance of surviving
- At 25 MPH, this chance of survival decreases to 75%



10%

chance of pedestrian fațality

or severe injury





25% chance of pedestrian fatality or severe injury



chance of pedestrian fatality or severe injury



## **Speed Limit Compliance**

Proportion of drivers at or below the 25 MPH speed limit

**One-Way Operation** 

78% September 2022 **Two-Way Operation** 

93%

July 2023

91%

94%



## **Speed Limit Compliance**

Number of drivers above the 25 MPH speed limit

**One-Way Operation** 

911 of 4,081

September 2022

**Two-Way Operation** 

572 of 8,302 888 of 9,922 399 of 6,693



## **Excessive Speeding**

Number of drivers traveling faster than 35 MPH

**One-Way Operation** 

16
September 2022

**Two-Way Operation** 

9

July 2023

9

July 2024

2

July 2025



## Safety for People Walking and Bicycling

Number of crashes involving a person walking or bicycling

**One-Way Operation** 

**Two-Way Operation** 

9/2021 to 10/2022

11/2022 to 12/2023

1/2024 to 12/2024



## **Street Activity**

Number of people walking or bicycling along State Street

Total, 7 AM to 9 AM and 4 PM to 6 PM

**One-Way Operation** 

947
September 2022

**Two-Way Operation** 

594

July 2023

859

July 2024

1,971



## **Parking Revenue Collection**

Change in parking revenue collection

Summer of 2022 to summer of 2023

18.5%

Increase in parking revenue along **State Street**.\*

1.3%

Increase in parking revenue along **Front Street**.

\*Parking rate change occurred in 2021



## **Property Tax Revenue**

Change in property tax revenue collection 2022 to 2023

5.7%

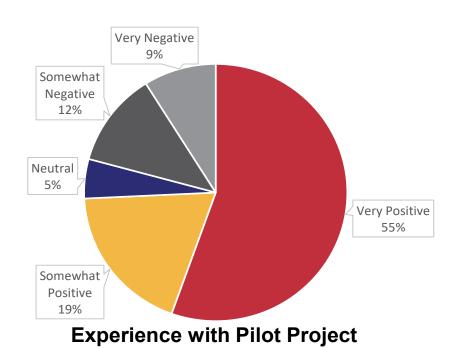
Increase in property tax revenue along **State Street** 

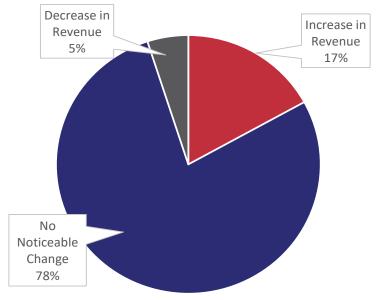


## **Business Owner Sentiment**

Results of business owner survey distributed in 2025

43 businesses surveyed





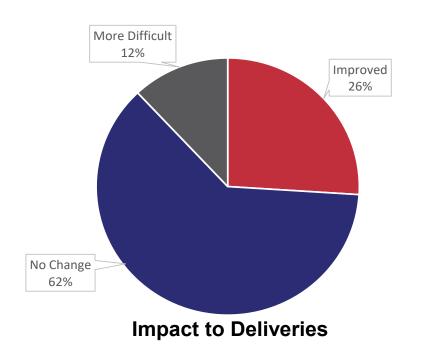
**Change in Revenue during Pilot Project** 

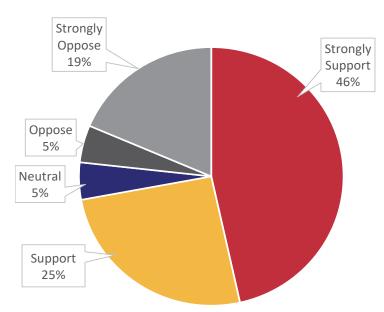


#### **Business Owner Sentiment**

Results of business owner survey distributed in 2025

43 businesses surveyed





**Support for Permanent Conversion** 

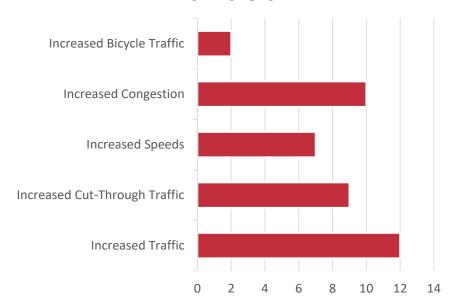


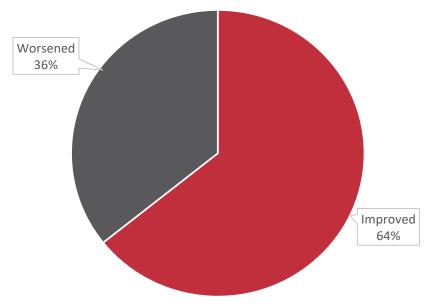
## **Boardman Neighborhood Sentiment**

Results of neighborhood survey distributed in 2025

31 total respondents



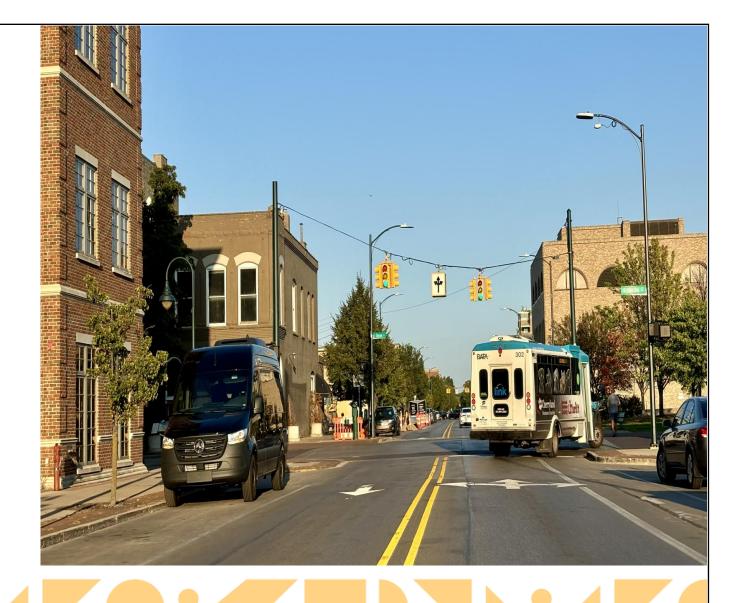




Impact to Neighborhood Accessibility



Two-way operations improve connectivity for all road users. Traffic volumes along State Street have increased under two-way operations, facilitating more trips to destinations within the downtown area. There are no longer any wrong-way drivers on State Street!

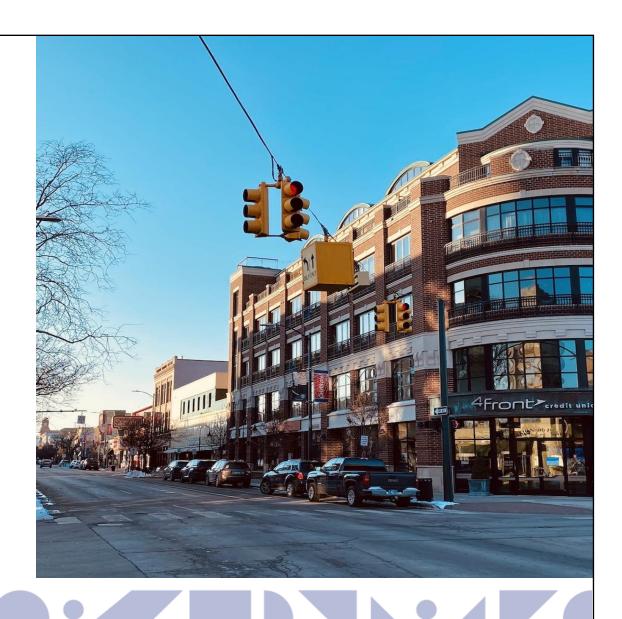


## Opportunities



## **Next Steps**

- Evaluation of possible next steps:
  - 1. End the pilot project; convert three streets back to one-way operation
  - 2. Make the traffic conversion permanent, with the potential for additional modifications
  - 3. Extend the pilot project, with immediate modifications
- Final decision on permanent operations will be required at some point
  - Sooner the better for future capital projects



## **Evaluating Potential Improvements**

- Several modifications can be made to existing infrastructure to improve safety and operations for all road users:
  - List of modifications and preliminary cost estimate has been provided to city engineering staff
  - Broken into three categories:
    - Recommended for implementation prior to reconstruction
    - 2. Optional for implementation prior to reconstruction
    - Beneficial improvements that may be included in reconstruction if funding permits

Improvements Recommended for Immediate Implementation	Cost
Add a stop sign for eastbound Front Street at Pine Street	Completed
Repave the Front Street/Pine Street intersection to eliminate the existing island	\$70,600
Extend two-way operations on Front Street between Pine Street and Union Street and Park Street and Boardman Avenue	\$32,500
Total	\$103,100

# **Opportunity: Extend the Pilot along Front Street**



#### Completed improvement:



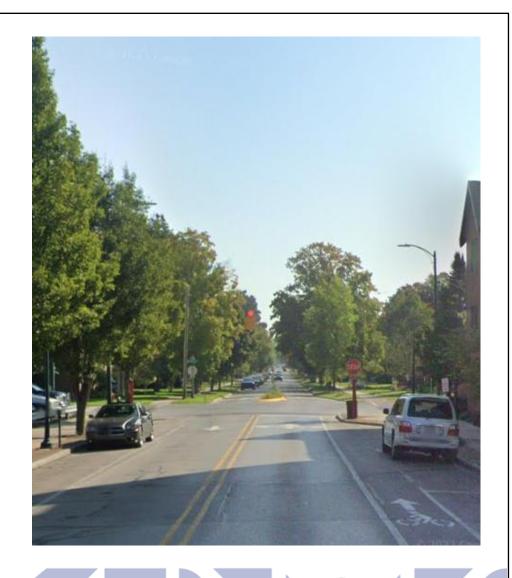
To be modified:



# THANK YOU We welcome your feedback, insights and inquiries.

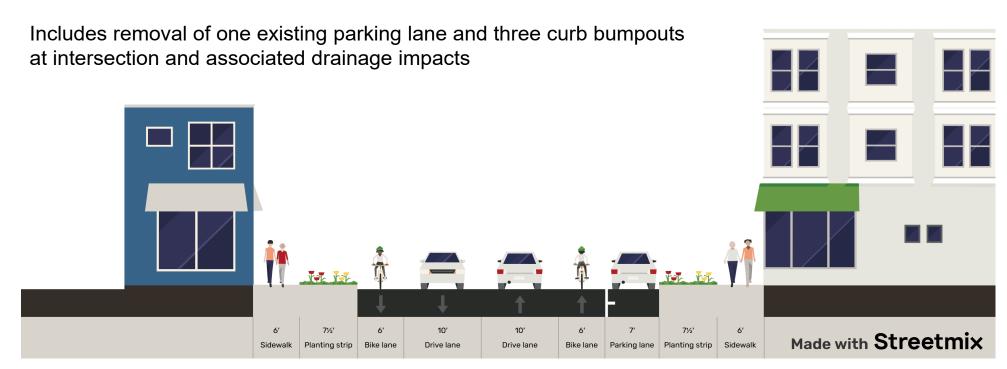
## **Overview of Bicycling Alternatives**

- State Street is identified as part of the Bike Network in the 2022 Mobility Action Plan
  - Bicycle facilities are recommended for continued implementation
  - · Exact design is not specified
- Several opportunities for introducing improved bicycle facilities are possible
  - Cost varies across alternatives
- Two-way operation does not preclude implementation of any of the four alternatives presented



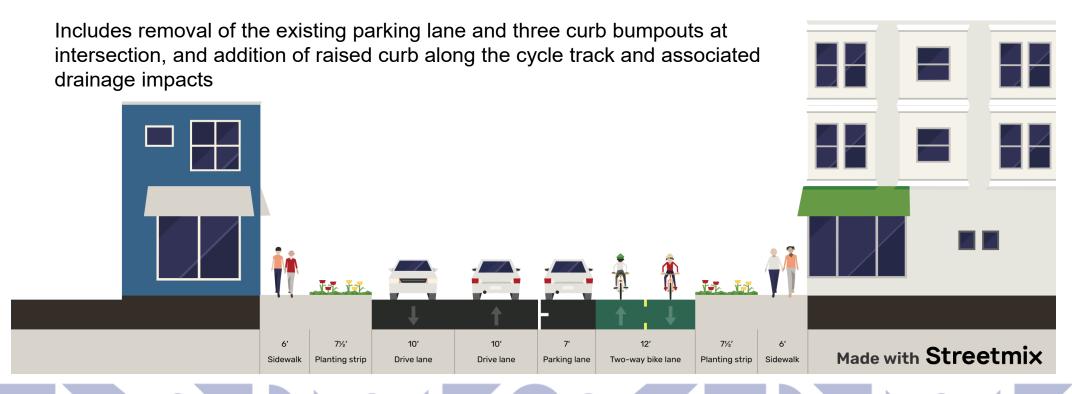
## **Cycling Alternatives: Bicycle Lanes**

Approximate cost of installation: \$200,000 (can be done without reconstruction)



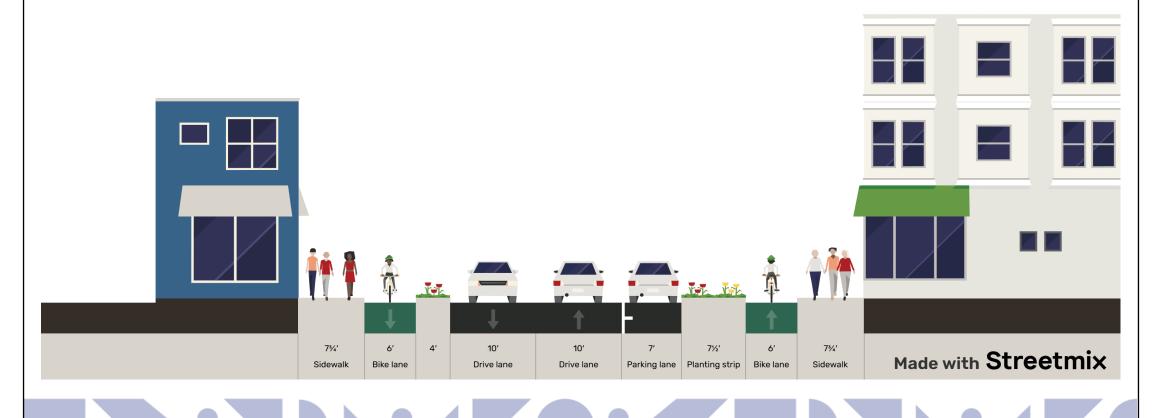
## **Cycling Alternatives: Two-Way Cycle Track**

Approximate cost of installation: \$500,000 - \$1,000,000 (can be done temporarily with flexible delineators at lower cost)



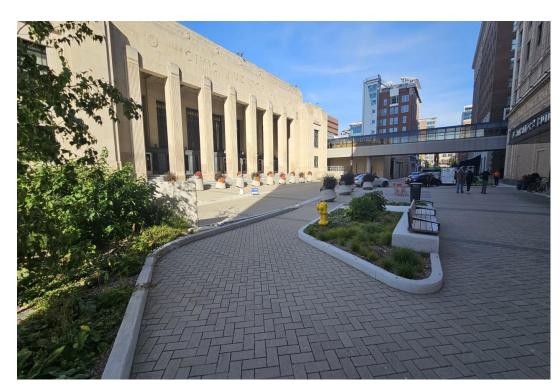
## **Cycling Alternatives: Sidewalk-Level Bicycle Paths**

Approximate cost of installation: \$2,500,000 - \$10,000,000 (would require full street reconstruction)



## Cycling Alternatives: Shared Street ('Woonerf')

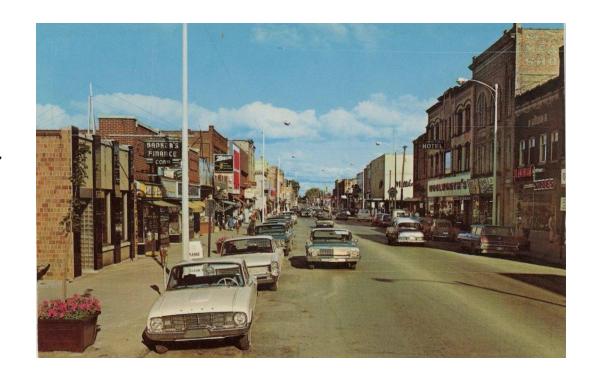
Approximate cost of installation: \$10,000,000+ (would require full street reconstruction)





## **Project Background**

- State Street, Front Street, Pine Street, and Boardman Avenue operated as two-way until 1967
- Conversion to one-way followed national practices and ideals of the time
- Thinking around best practices and traffic operations is evolving – new focus on safety and appropriate speeds
- Study Objective: What would Traverse City look like if two-way operations were implemented along the transportation network?



## One-Way Streets Have Worse Crashes, Higher Crime and Lower Property Values — Why do we Still Use Them?

How reverting one-way streets to two-way can boost both safety and economic development.

● 1 Minute Read August 22, 2025, 5:00 AM PDT

### **Project Implementation**

- City and DDA staff were aware of the evolution of industry best practices for one-way streets in a downtown and urban area
- Initiated an engagement process in July 2021 to explore feasibility of twoway conversion
- Two design alternatives were evaluated, led to two-way implementation on State Street in November 2022
- Data collected and analyzed throughout process

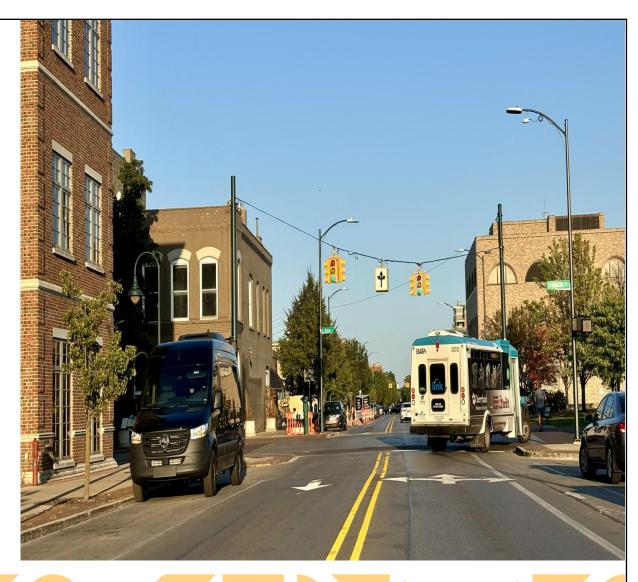






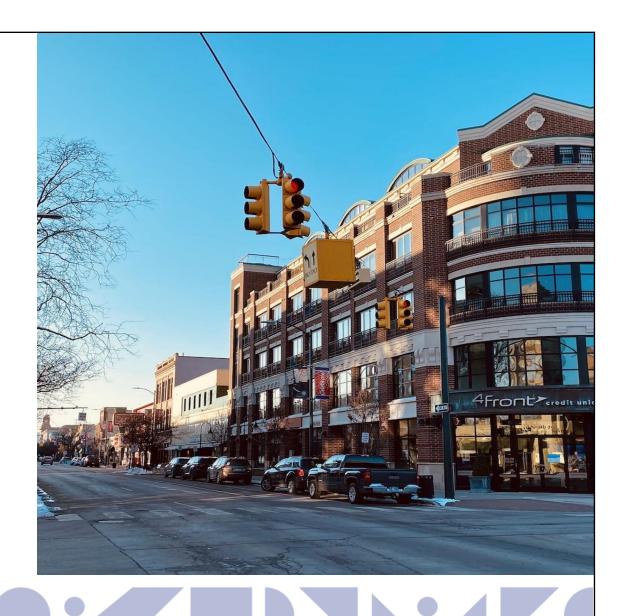
## **Project Analysis**

- 1. Two-way operations have decreased vehicle speeds and improved compliance with the posted speed limit.
- 2. Two-way operations have decreased the frequency of excessive speeding.
- 3. Two-way operations have improved safety for people walking and bicycling.
- 4. Two-way operations have increased parking revenue along State Street.
- 5. Local business owners largely support two-way operations.



## **Project Recommendations**

- Evaluation of possible next steps
  - 1. End the pilot project; convert three streets back to one-way operation
  - 2. Make the traffic conversion permanent, with the potential for additional modifications
  - 3. Extend the pilot project, with immediate modifications
- Final decision on permanent operations is required
- Modifications can be made to improve safety and operations for all road users



## **Optional Improvements**

Improvement	Cost
Add bidirectional left turn green arrows at the intersection of State Street and Union Street.	\$16,000
Create bidirectional, dedicated left turn lanes at the intersection of State Street and Cass Street.	\$5,100
Remove parking spaces and extend transit loading zones along State Street east of Park Street.	\$700
Add curb bump-out west of parking garage exit.	\$15,200
Add curb bump-out at northwest corner of State Street and Boardman Street.	\$44,600
Add curb bump-out at northeast corner of State Street and Boardman Street.	\$22,800
Total	\$104,400

## **Beneficial Future Improvements**

Improvement	Cost
Hardening existing curb bump-out at State Street and Pine Street.	\$48,900
Adding curb bump-out to northwest corner of State Street and Union Street.	\$11,200
Hardening curb bump-out at southwest corner of Front Street and Boardman Street.	\$91,500
Hardening curb bump-out at southeast corner of Front Street and Boardman Street.	\$60,100
Adding a curb bump-out at the northeast corner of Front Street and Boardman Street.	\$15,600
Removing and restriping parking spaces throughout the State Street corridor.	\$17,100
Total	\$244,400



**Downtown Development Authority** 303 E. State Street Traverse City, MI 49684 harry@downtowntc.com 231-922-2050

#### **MEMORANDUM**

To: **Downtown Development Authority Board** 

From: Harry Burkholder, Executive Director

November 17, 2025 Date:

Re: **TIF-97 Project Priorities** 

This memo is intended to provide an update on the status of each capital improvement project priority, including the next steps, critical decisions, and budget needs. Attached to this memo is a project "timeline" for the Riverwalk and Rotary Square projects. The timeline illustrates project phases, key decisions, and project milestones. This memo and an updated project timeline will be included in every DDA Board meeting moving forward.

#### **TIF-97 Priority Projects**

- 1. Rotary Square (discussed previously)
- 2. Farmers Market Pavilion (discussed previously)
- 3. Boardman/Ottaway Riverwalk

#### **Boardman/Ottaway Riverwalk**

INFORM Studio has completed the Schematic Design phase of this project and continues moving forward with the Design Development phase. We anticipate staff from INFORM will present these final design pieces to the DDA Board at our December meeting.

#### **Working Phases and Milestone**

A. Schematic Design B. Design Development (cost estimate) Timeline: Sept. Timeline: Dec.



Downtown Development Authority 303 E. State Street Traverse City, MI 49684 harry@downtowntc.com 231-922-2050

#### Memorandum

To: DDA Board of Directors

From: Harry Burkholder, DDA Executive Director

Date: November 17, 2025

Subject: Executive Director Report

Below is an overview and update on projects and initiatives that the DDA is working on.

#### **Non-Motorized Improvements**

We continue to collaborate with City Engineering and non-motorized transportation advocates to improve the transition from the Bayfront (TART) Trail into downtown for cyclists. To that end, the City recently installed a bicycle ramp at the Front Street and Grandview Parkway intersection to provide a more-deliberate and smoother transition from the sidewalk to the in-street bike lane for bicyclists. Funding for this non-motorized improvement came from TIF-97.



#### **General Infrastructure Repair**

The DDA, with assistance from City Engineering, has approved plans to cap the existing sheet pilings and add the missing railing along the West Front Street Bridge (where our staircase project was to be located). This effort does not eliminate the opportunity to construct the staircase in the future.

#### North Union Street Bridge and Staircase Railing Reconstruction

We are working with City Engineering staff to finalize design and construction costs for a new railing on the staircase located at the northwest corner of the North Union Street Bridge. While cost estimates for sidewalk and lighting improvements beneath the bridge exceeded available funding at this time, the railing enhancements will move forward. This work will be included in the City's overall bid package for the bridge's structural improvements, to which the DDA Board has committed a financial contribution through the TIF 97 budget.

#### **Holiday Lights**

Strain Electric began installing holiday lights in September and completed most of the work earlier this month. Their crew has continued working diligently this week to refine the presentation as leaves come down and to address any power issues in coordination with TCLP. All lighting installations are expected to be fully in place by Thursday, ahead of the Light Parade.

#### **Summer Clean and Green Numbers**

We've been working closely with our SEEDS partners, and we now have a full set of metrics outlining their contributions over the summer. I'm coordinating with staff to translate these results into a clear, engaging infographic that highlights their impact and tells the story of the program's success.

- 1,864 hours working downtown (25 different crew members involved)
- 1,317 gallons pf trash collected (including 55 overflowing trash cans
- 696 Occurrences of tree-grate cleaning
- 327 Occurrences of watering
- 961 gallons of weeds removed
- 150 hours worked for special events



303 E. State Street Traverse City, MI 49684 lauren@downtowntc.com 231-922-2050

#### Memorandum

To: Downtown Development Authority Board of Directors

From: Lauren Bohac, DDA Deputy Director

Memo Date: November 17, 2025

Subject: Arts Commission Update

#### **Four Portals Damage**

In late September, one of the columns in the Four Portals exhibit on the Boardman Lake Loop trail was damaged. The artists have been contacted for repairs and are tentatively scheduled to travel to Traverse City over the December 5th weekend.

#### **Gateway Sculpture Invitation**

Following the Mural Festival, plans for the second project of the North Boardman Creative Initiative are underway. Invitations to submit proposals for a "gateway" sculpture on a city parcel near the Riverine Apartments were sent to 5 artists. Two artists accepted the invitation and will submit proposals to be considered by the Commission at their December meeting.

#### **Vacancies**

The Arts Commission currently has two vacancies. The City Ad Hoc Interview Committee will begin interviews for the vacancies on December 2nd.



Downtown Development Authority 303 E. State Street Traverse City, MI 49684 sara@downtowntc.com 231-922-2050

#### Memorandum

To: Harry Burkholder, DDA Executive Director

Downtown Development Authority Board of Directors

From: Sara Klebba, DDA Director of Events & Engagement

Date: November 15, 2025

Subject: DTCA Director of Events & Engagement Update

#### **Shop Your Community Day (Sat, Nov 8)**

- 40 businesses participated (43 in 2024) with 15% of the day's sales donated to a list of 30 different nonprofit organizations, selected by customers during the sale.
- Donation totals still being collected.
- Data reports 17,100 guests within the DTCA district, with a 203 min. average dwell time.

#### Halloween Walk (Sat, Oct 25)

- Almost 4,000 people attended in the extended downtown footprint (into West Front and Old Town) with 90 min average dwell time.
- Recommendation due to extensive crowds and safety concerns: Close Cass intersection at Front St next year (leaving Front St open)

#### **Downtown TC Community Mural**

- Sponsor Oryana has joined the partnership and will host another mural pop-up with Look Wonder Discover at Oryana West on 11/21.
- Installation timeline: early winter.

#### Light Parade (Sat, Nov 22)

- National Cherry Festival partnering with DTCA to host the annual kickoff to the holidays:
  - 5:00: Tree Lighting festivities
  - o 6:00: Santa lights the tree
  - o 6:30: Parade steps off
  - Post-parade-9pm: Santa's House
- Sponsorship update:
  - Cash sponsors: Molon group, M&M Garage Doors, Cherry Republic, Munson, The Little Fleet, Baker College, MSUFCU
  - o In-kind: UpNorthLive, WCCW, That'sa Pizza, Elmer's, Espresso Bay, MacAllister

- Tree Lighting Treat Patrol: Santa's Street Team (volunteers/staff) to kick off the evening at 5pm with UpNorthLive 7&4 emceeing; to broadcast festivities and parade on on-site monitor and parade live streams on UNL Facebook and YouTube channel.
- DDA Board invited to join the DTCA membership at the lead of the parade. Contact Hunter Eagle of Mammoth Distilling if interested.

#### Santa's House (11/22-12/24)

- 11/17 delivery at Town Centre Plaza, Cass & State. Santa to arrive in hardhat to "oversee" installation with sponsor Elmer's with Record-Eagle to record.
- Schedule: Opens after 11/22 Light Parade. Fridays-Sundays thru 12/24.

#### Black Friday & Small Business Saturday (11/28 & 29)

- Sign up emailed to members only 11/11 to promote offers on our website going out asap
- Deadline to share deals: 11/24

#### Ladies', Men's, & Wrap It Up Nights (Dec. 4, 11, 18)

- Annual Ladies' & Men's Nights offering celebratory holiday celebrations: gathering of friends and shopping special offers. Treats and refreshments, deals, activities, etc. being posted to event web pages as we receive them.
- NEW: Wrap It Up Night: A new family-friendly shopping event to help cross last-minute gifts off the list. Donation-based gift-wrapping stations at Mammoth Distilling (for Up North Pride) and Slip. vintage (for Evergreen Community Group). Santa to make an appearance at the tree! Participating businesses to offer specials or goodies.
- Free cocoa at Front Row Centre each night.
- In order to ensure safe crossings during these busy nights, Cass St will be closed with Meridian barricade at Cass, north side of Front, at crosswalk and at north alley.

#### Traverse City Restaurant Week (Sun, Feb 22-Sat, Feb 28)

- To meet with TC Tourism early December to kick off 2026 partnership: event planning, passport, marketing plan, etc.
- As entry fees have been stagnant for years, and costs increase to promote, new fees being introduced: \$125: member, \$250: non-member (was \$100/\$200)