



23

COMMUNITY MITIGATION FUND

2023 Transportation Construction Grant Application

Bid No. Bid No. BD-23-1068-1068C-1068L-81256

All completed applications must be sent by January 31st to be considered for funding for the 2023 Grant Round. Please submit this completed form as well as any relevant attachments to MGCCMF@Massgaming.gov.

For more detailed instructions as well as the 2023 Application Guidelines please visit <https://massgaming.com/about/community-mitigation-fund/>

I. Project Summary
Legal Name of Applicant: City of Springfield, MA
Project Name (Please limit to 5 words): Dwight Street Reconstruction
Amount Requested: \$966,667
Brief Project Description (approx. 50 words): The City wishes to reconstruct Dwight Street from Worthington to State Streets. Modifications will primarily be safety related focused on reducing vehicular speeds, wayfinding clarification, and strengthening of pedestrian and bicycle accommodations.

II. Applicant Contact Information
Please provide below the manager for this grant and any other individuals you would like to be copied on all correspondence.
Grant Manager: Andrew Krar, P.E.
Email Address: akrar@springfieldcityhall.com
Telephone Number: (413) 784-4884
Address: 70 Tapley Street, Springfield, MA 01104
Contact II: Christopher Cignoli, P.E.
Role: Director Public Works
Email Address: ccignoli@springfieldcityhall.com
Telephone Number: (413) 750-2808
Address: 70 Tapley Street, Springfield, MA 01104
Contact III:
Role:
Email Address:
Telephone Number:
Address:

III. Detailed Project Description & Mitigation

1) Please describe in detail the impact that is attributed to the operation of a gaming facility. Please provide documentation or evidence that gives support for the determination that the operation of the gaming facility caused or is causing the impact (i.e. surveys, data, reports)

Two years ago, the City of Springfield while applying for the Dwight Street (Carew to Worthington Streets) resurfacing grant funds, replied to this question as follows:

Traffic impact reports developed as part of the MGM project predicted significant site generated traffic volumes originating from the Massachusetts Turnpike. The majority of this traffic accesses Rt. 291 to and from the casino grounds. The City has observed that while destined for MGM, many motorists choose exit 2B and proceed to the casino area via Dwight Street. This choice is favorable to some that wish to avoid uncomfortable lane merges on Interstate 91 southbound, particularly when ambient traffic is congested. The direct impact is additional pavement wear due to increased traffic loading.

The foregoing still remains true, and has been slightly exacerbated as a result of increased attendance at MassMutual Center, and Symphony Hall events.

2) *(If applicable)* Please explain how this impact was not anticipated in the Applicant's Host or Surrounding Community Agreement.

N/A

3) Please describe what the Applicant is proposing and how the mitigation request will address the impact indicated.

Scope of work will include full width pavement milling and overlay of Dwight Street from Worthington Street to State Street. A new travel way cross section will convert a three-lane one-way street to the following:

- On-street parking both sides;
- Two - 11' travel lanes
- 5' bicycle lane with 4' painted buffer zone

Curb extensions with high visible crosswalks will be added to all corners at the major intersections. The cross streets at these intersections will be Worthington Street, Bridge Street, Harrison Avenue, and Bruce Landon Way (Pynchon Park side only). Additionally, concrete and brick sidewalks will be replaced at selected locations. Attached to this application, please find the preliminary roadway plan for Dwight Street.

The proposed remedy to upgrade pavement preservation efforts will reduce the City's costs to mitigating the impact. The additional proposed features such as better sidewalks, bicycle lanes, ADA improvements, comprehensive signage, etc., will provide for a safer transportation environment.

4) For all Transportation Construction Applications, the applicant should consult with MassDOT and the appropriate regional planning agency to obtain input on the project and identify opportunities for regional efforts. The results of this consultation should be included in this section of the application.

A telephone conference call was conducted with City and Pioneer Valley Planning Commission (PVPC) staff on January 19, 2023 to discuss the grant application(s). PVPC confirmed that no other projects in the area(s) are being planned. Attached to this application, please find a letter of support from the PVPC Executive Director. Favorable feedback was provided, below are a couple paraphrased remarks:

- Project will improve walking conditions for people riding trains and/or buses into Springfield’s Union Station who are visiting the MassMutual Center, Symphony Hall, MGM Casino, and other City attractions.
- Clearer vehicular lane delineations and establishment of new bicycle accommodations will serve drivers and riders with further comfort and protection while travelling through the corridor.

IV. Scope, Budget, and Timeline

Applicant: City of Springfield	Vendor Code:
Total Grant Amount Requested: \$966,667	Estimated Total Project Cost: \$2,900,000

Scope of Work

Please include below a breakdown of the proposed work. The project scope should be sufficiently detailed to allow the review team to understand the steps required for project completion.

Condensed sequence of proposed project tasks.

- Engineering design & preparation of contract documents (funded separately by City). Only work associated with intersection improvements will require land survey/design. (August 2023 – November 2023).
- City preparation of bid documents (January 2024 – April 2024).
- Construction bidding & award (April 2024 – May 2024).
- Issue Construction Notice to Proceed (June 1, 2024).
- Construction (June 2024 – June 2025).

Similar to Springfield’s past Community Mitigation Fund Transportation Construction grants, the project will be included as a base bid within the City’s annual paving contract, and therefore coincide with that program’s timeframe.

Proposed MGC Grant Budget

Please use the following table to outline the budget of your project. Include any requests for proposals, quotes, or estimates that would quantify the costs associated with the mitigation as an attachment. In determining the funding request, please round up to the nearest hundred dollars.

Please provide the estimate and percentage of the costs projected to be funded from other federal, state, local or private contributions (Applicants may include contributions from gaming licensees).

Please indicate, through a commitment letter or otherwise, how such other funding will be available for the project. In the absence of a final commitment to such funding, please provide detail on any process needed to secure any non-CMF funding.

Timeline	Description of Purchase/Work	QTY	Budget
Construction	City Awarded Construction Contract	1	\$2,900,000
	<u>Please see attached cost estimate</u>		
	TOTAL:		\$2,900,000
Funding Source	Description of Purchase/Work	QTY	
In Kind Services			
Federal			
State			
Local Match	Construction Contract	1	\$1,933,333

V. Regional Incentive Award	
Are you applying for a Regional Incentive Award?	
___ Yes	<u>X</u> No

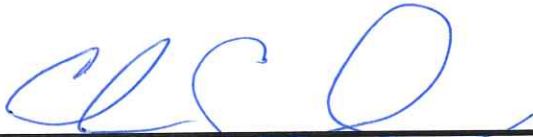
Partner Community Contact-
Name:
Role:
Email Address:
Telephone Number:
Address:

VI. Waiver	
If you are applying for a waiver, please submit the Waiver Form with your application. The form can be found at www.massgaming.com/about/community-mitigation-fund/forms/	
Are you applying for a waiver?	
___ Yes	<u>X</u> No

VII. Please provide a brief description of each attachment.
<ul style="list-style-type: none"> • Preliminary Roadway Plan for Dwight Street • City Engineer's Construction Cost Estimate (\$2,900,000) • Letter of Support – Pioneer Valley Planning Commission • Letter of Support – WalkBike Springfield • Letter of Support – Armoury Quadrangle Civic Association

VIII. Applicant Certificate

On behalf of the aforementioned applicant/municipality/governmental entity I hereby certify that the funds that are requested in this application will be used solely for the purposes articulated in this Application.



January 30, 2023

**Signature of Responsible Municipal
Official/Governmental Entity**

Date:

Christopher Cignoli, P.E.

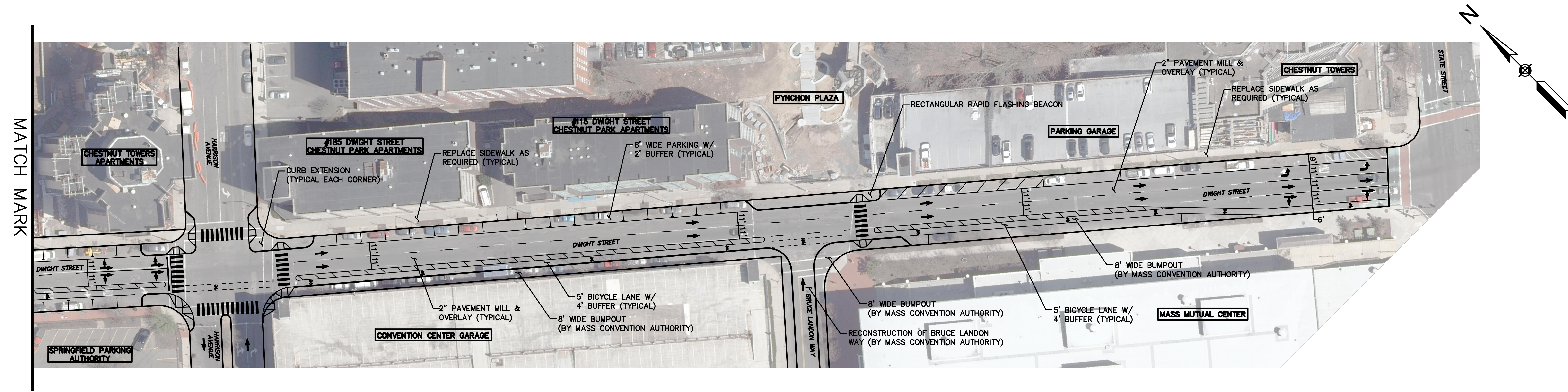
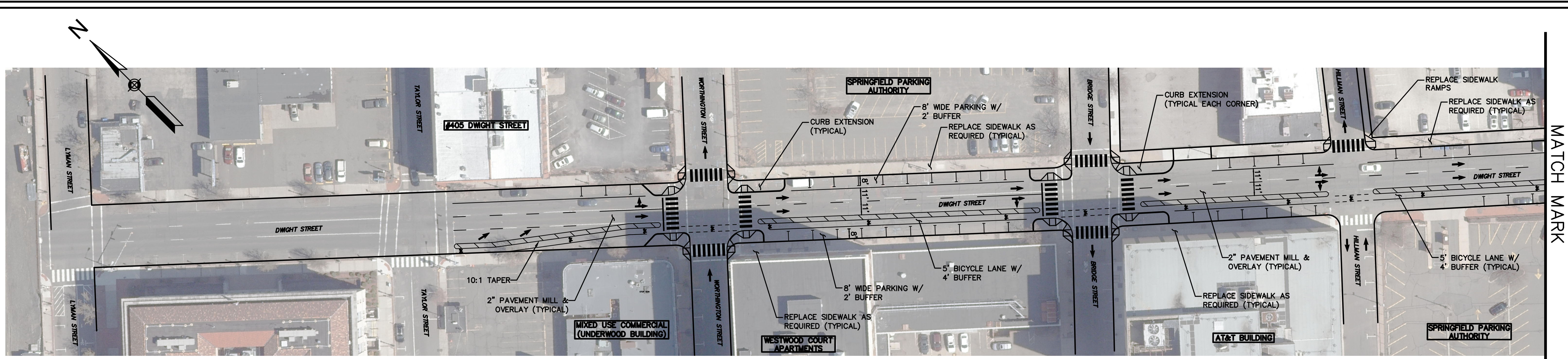
(print name)

Director Department of Public Works

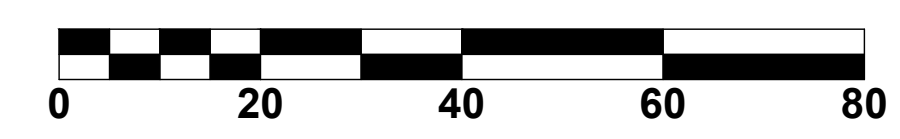
Title:

ATTACHMENT A

PRELIMINARY ROADWAY PLAN – DWIGHT STREET



PRELIMINARY



2023 COMMUNITY MITIGATION FUND TRANSPORTATION CONSTRUCTION GRANT DWIGHT STREET - SPRINGFIELD, MA	DATE: JANUARY 2023	SHEET 1 of 1
	Drawn by: AK	

ATTACHMENT B

CONSTRUCTION COST ESTIMATE

**SPRINGFIELD, MASSACHUSETTS
DEPARTMENT of PUBLIC WORKS
REVITALIZATION OF DWIGHT STREET COST ESTIMATE**

2023 COMMUNITY MITIGATION FUND - TRANSPORTATION CONSTRUCTION GRANT

ITEM NO.	ITEMS	UNIT OF MEASURE	ESTIMATED QUANTITY	UNIT PRICE	ITEM TOTAL
101.000	CLEARING AND GRUBBING	AC	1	\$40,000.00	\$40,000.00
105.000	STUMP REMOVAL	EA	10	\$300.00	\$3,000.00
120.100	UNCLASSIFIED EXCAVATION	CY	900	\$37.00	\$33,300.00
142.000	CLASS B TRENCH EXC	CY	56	\$22.00	\$1,232.00
151.000	GRAVEL BORROW	CY	800	\$37.00	\$29,600.00
151.250	CONTROLLED DENSITY FILL	CY	55	\$160.00	\$8,800.00
156.000	3/4" DRAINAGE STONE	TON	9	\$45.00	\$405.00
170.000	FINE GRADING AND COMPACTION SUBGRADE AREA	SY	3400	\$4.20	\$14,280.00
201.004	PRECAST CATCH BASIN / WITH HOOD	EA	12	\$5,700.00	\$68,400.00
204.000	GUTTER INLET	EA	5	\$4,200.00	\$21,000.00
220.000	DRAINAGE STRUCTURE ADJUSTED	EA	16	\$520.00	\$8,320.00
220.200	DRAINAGE STRUCTURE REBUILT	VF	27	\$500.00	\$13,500.00
220.700	SANITARY STRUCTURE ADJUSTED	EA	12	\$520.00	\$6,240.00
221.024	FRAME AND COVER 24"	EA	24	\$1,250.00	\$30,000.00
221.024	FRAME AND COVER 26" DRAINAGE	EA	2	\$1,250.00	\$2,500.00
222.000	FRAME AND GRATE	EA	12	\$1,250.00	\$15,000.00
223.000	DRAINAGE STRUCTURE REMOVED AND STACKED	EA	8	\$50.00	\$400.00
223.100	SANITARY STRUCTURE REMOVED AND STACKED	EA	24	\$50.00	\$1,200.00
226.000	DRAINAGE STRUCTURE CLEANING	EA	25	\$400.00	\$10,000.00
252.080	8" PVC SDR 35 OR HDPE PERFERATED ADS PIPE	LF	42	\$70.00	\$2,940.00
252.100	10" PVC SDR 35 OR HDPE PERFERATED ADS PIPE	LF	20	\$80.00	\$1,600.00
252.120	12" PVC SDR 35 OR HDPE PERFERATED ADS PIPE	LF	100	\$85.00	\$8,500.00
355.000	GATE BOX REMOVED AND STACKED	EA	30	\$30.00	\$900.00
357.000	NEW GATE BOX INSTALLED	EA	30	\$820.00	\$24,600.00
358.000	GATE BOX ADJUSTED	EA	18	\$400.00	\$7,200.00
381.000	NEW SERVICE BOX INSTALLED	EA	5	\$800.00	\$4,000.00
381.200	SERVICE BOX REMOVED AND STACKED	EA	5	\$30.00	\$150.00
381.300	SERVICE BOX ADJUSTED	EA	20	\$335.00	\$6,700.00
415.000	PAVEMENT MILLING (COMPLETE)	SY	16950	\$5.50	\$93,225.00
451.000	HMA FOR PATCHING	TON	250	\$280.00	\$70,000.00
452.000	ASPHALT EMULSION FOR TACK COAT	GAL	1680	\$12.00	\$20,160.00
460.220	SUPERPAVE SURFACE COURSE 9.5	TON	1430	\$132.00	\$188,760.00
460.230	SUPERPAVE SURFACE COURSE 12.5	TON	2300	\$115.00	\$264,500.00
460.420	SUPERPAVE BASE COURSE 37.5	TON	70	\$400.00	\$28,000.00
482.000	SAW CUT (BITUMINOUS CONCRETE, CONCRETE)	LF	510	\$3.50	\$1,785.00
506.000	GRANITE CURB TYPE VB	LF	100	\$55.00	\$5,500.00
514.000	GRANITE CURB INLET, STRAIGHT	EA	2	\$550.00	\$1,100.00
580.000	GRANITE CURB REMOVED AND RESET	LF	300	\$32.00	\$9,600.00
581.000	GRANITE CURB INLET REMOVED AND RESET	EA	2	\$250.00	\$500.00
582.000	CURB CORNER REMOVED AND RESET	EA	6	\$115.00	\$690.00
590.000	GRANITE CURB REMOVED AND STACKED	LF	100	\$8.00	\$800.00
592.000	CURB CORNER REMOVED AND STACKED	EA	4	\$25.00	\$100.00
701.000	CONCRETE SIDEWALK	SY	4620	\$74.00	\$341,880.00
701.160	6" CONCRETE SIDEWALK (DRIVES)	SY	450	\$88.00	\$39,600.00
701.190	9" CONCRETE SIDEWALK (DRIVES)	SY	560	\$105.00	\$58,800.00
701.200	CONCRETE WHEELCHAIR RAMP	SY	230	\$140.00	\$32,200.00
706.000	BRICK WALK	SY	130	\$250.00	\$32,500.00
706.100	BRICK WALK REMOVED AND RE-LAID	SY	200	\$200.00	\$40,000.00
710.400	BOUND, PLAIN GRANITE	EA	5	\$600.00	\$3,000.00
711.000	BOUND REMOVED AND RESET	EA	10	\$400.00	\$4,000.00
751.000	LOAM BORROW	CY	150	\$120.00	\$18,000.00
765.000	SEEDING	SY	360	\$2.00	\$720.00
775.000	DECIDUOUS TREE	EA	30	\$1,500.00	\$45,000.00
811.350	TRAFFIC PULL BOX ADJUSTED	EA	2	\$600.00	\$1,200.00
819.831	WIRE LOOP DETECTORS	LF	100	\$15.00	\$1,500.00
832.100	WARNING - REGULATORY AND ROUTE MARKER - ALUM.	SF	190	\$30.00	\$5,700.00
847.100	SIGN UP (N/GUIDE) + RTE. MKR W/1 BRKWAY POST ASSEMBLY STEEL	EA	4	\$300.00	\$1,200.00
850.000	SAFETY CONTROLS FOR CONSTRUCTION	LS	1	\$240,000.00	\$240,000.00
854.014	TEMPORARY PAVEMENT MARKINGS	LF	200	\$2.00	\$400.00
864.020	PAV. ARROWS AND LEG. REFL. WHITE(THERMO PREFORMED SHARROWS)	SF	117	\$55.00	\$6,435.00
864.040	PAV. ARROWS AND LEG. REFL. WHITE (THERMOPLASTIC)	SF	371	\$8.00	\$2,964.00
866.040	4" REFLECTORIZED WHITE LINE (THERMOPLASTIC)	LF	3300	\$0.75	\$2,475.00
866.120	12" REFLECTORIZED WHITE LINE (THERMOPLASTIC)	LF	340	\$5.00	\$1,700.00
866.240	24" REFLECTORIZED WHITE LINE (THERMOPLASTIC)	LF	2560	\$10.00	\$25,600.00
867.040	4" REFLECTORIZED YELLOW LINE (THERMOPLASTIC)	LF	120	\$0.75	\$90.00
867.120	12" REFLECTORIZED YELLOW LINE (THERMOPLASTIC)	LF	200	\$5.00	\$1,000.00
874.200	TRAFFIC SIGN REMOVED AND RESET	EA	20	\$300.00	\$6,000.00
910.200	WIRE WELD FABRIC	SY	140	\$6.00	\$840.00
999.100	INTERSECTION CURB EXTENSIONS (DWIGHT WITH WORTHINGTON)	LS	1	\$195,000.00	\$230,000.00
999.200	INTERSECTION CURB EXTENSIONS (DWIGHT WITH BRIDGE)	LS	1	\$175,000.00	\$210,000.00
999.300	INTERSECTION CURB EXTENSIONS (DWIGHT WITH HARRISON)	LS	1	\$170,000.00	\$205,000.00
999.400	INTERSECTION CURB EXTENSIONS (DWIGHT WITH PYNCHON PARK)	LS	1	\$105,000.00	\$105,000.00
999.500	MISCELLANEOUS TRAFFIC SIGNAL MODIFICATIONS	LS	1	\$150,000.00	\$150,000.00
999.600	RELOCATION AND INSTALLATION OF PARKING METERS	LS	1	\$10,000.00	\$10,000.00
				SUBTOTAL	\$2,871,291.00
	CONTINGENCY (PRICE ESCALATION 1-YEAR AT 1%)	LS	1		\$28,712.91
				TOTAL	\$2,900,004

ATTACHMENT C

SUPPORT LETTER

PIONEER VALLEY PLANNING COMMISSION



Kimberly H. Robinson, MUP
Executive Director

January 23, 2023

Mayor Domenic J. Sarno
36 Court Street
Springfield, Massachusetts 01103

Reference: Letter of Support for the City of Springfield's 2023 Community Mitigation Fund Applications

Dear Mayor Sarno:

The Pioneer Valley Planning Commission (PVPC) is in support of both 2023 Community Mitigation Fund applications by the City of Springfield. This includes a Transportation Construction Grant to improve Dwight Street from Lyman Street to State Street and a Transportation Planning Grant to prepare construction drawings for the intersection of Union Street with Maple Street.

Dwight Street operates as a major transportation corridor for downtown Springfield and the MassMutual Center. This project will improve access and safety for all modes of transportation that will be beneficial for both residents and businesses in the downtown area. The intersection of Union Street with Maple Street has a history of safety problems and currently appears as location #21 on the list of Top 100 High Crash Intersections in the PVPC region. Advancement of this project is an important step to improve safety for all modes of transportation at this intersection.

Sincerely,

A handwritten signature in black ink, appearing to read "Kimberly H. Robinson", written over a white background.

Kimberly H. Robinson, MUP
Executive Director

ATTACHMENT D

SUPPORT LETTER

WALKBIKE SPRINGFIELD

WalkBike Springfield
*Residents working to improve the safety of
walking and bicycling in Springfield*

January 27, 2023

Mayor Domenic J. Sarno
36 Court Square
Springfield, Massachusetts 01103

Re: 2023 Community Mitigation Fund

Dear Mayor Sarno:

WalkBike Springfield is a group of residents working since 2015 to improve conditions for walking and bicycling in Springfield, Massachusetts. We advocated for our City to pass a Complete Streets policy and have appreciated working closely with your Department of Public Works to implement roadway projects that are truly designed to enable safe access for all users, including pedestrians, bicyclists, motorists and transit riders of all ages and abilities. We support the City's request for funding from the 2023 Community Mitigation fund.

Dwight Street is a major transportation corridor for the nearly 6000 residents who live in the downtown area, as well as visitors coming from the MassPike and I291 to the downtown entertainment facilities. The proposed design includes elements to make it easier for residents and visitors to cross the current five-lane-wide roadway of Dwight Street (such as from the MassMutual Center to the Springfield Museums.) It will add Dwight Street to the City's bicycle network. The improvements are key to improving the walkability from Union Station.

WalkBike Springfield also supports addressing the safety issues of the Maple/Union Street intersection. As key arterials to the MGM Complex and other downtown locations, but in the midst of a residential area with an elementary school on one corner, pedestrian and vehicle safety improvements are overdue.

WalkBike Springfield looks forward to working with the City of Springfield during the implementation phase of these improvements. We ask that the City of Springfield received the requested 2021 Community Mitigation funds for the Dwight Street and the Maple/Union Streets projects.

Sincerely,

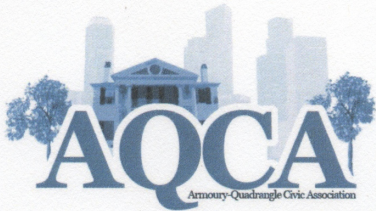


Deborah Huber, Outreach Manager
WalkBike Springfield
walkbikespringfield@gmail.com

ATTACHMENT E

SUPPORT LETTER

ARMOURY QUADRANGLE CIVIC ASSOCIATION



Armoury-Quadrangle Civic Association
140 Chestnut Street #C • Springfield, MA 01103

(413) 747-1830 • aqca@aqca.org • aqca.org

January 26, 2023

Mayor Domenic J. Sarno
36 Court Street
Springfield, Massachusetts 01103

Re: 2023 Community Mitigation Fund

Dear Mayor Sarno:

The Armoury Quadrangle Civic Association (AQCA), Springfield's downtown neighborhood council, is in support of both of the **2023 Community Mitigation Fund** applications. These will provide the resources for needed pedestrian and bicycle safety infrastructure improvements in our neighborhood.

The proposed **Dwight Street** improvements will ease the gap that the five-lane Dwight Street creates between the primary residential area and the business/entertainment area – including the MGM complex, MassMutual Center, and Symphony Hall. It will ensure that all visitors who come to Springfield by train are able to safely walk or bicycle, regardless of the visitor's level of mobility.

In this past year, I was personally present for a pedestrian being hit at the **Maple/Union Street** intersection. As key arterials to the MGM Complex and other downtown locations, but in the midst of a residential area with an elementary school on one corner, pedestrian safety improvements are overdue.

Please support this funding request and enable our neighborhood residents to have the safety improvements they deserve.

Sincerely,

Elizabeth Johnson, president