



21

COMMUNITY
MITIGATION
FUND

**APPENDIX H - TRANSPORTATION CONSTRUCTION GRANT
APPLICATION**

BD-21-1068-1068C-1068L-56499

Please complete the entire Application.

1. PROJECT INFORMATION

a) NAME OF MUNICIPALITY/GOVERNMENT ENTITY/DISTRICT

Springfield

b) PROJECT NAME (LIMIT 10 WORDS)

Resurfacing and Complete Streets Improvements to Dwight and Hampden Streets.

c) BRIEF PROJECT DESCRIPTION (LIMIT 50 WORDS)

Project plans specify for the revitalization of Dwight Street from its intersection with Carew Street southerly to Worthington Street. Major elements will include roadway resurfacing, sidewalk and median improvements, bicycle accommodations, guardrails, and safety upgrades. In the heart of downtown, Hamden Street will be improved by a similar approach.

d) CONTACT PERSON(S)/TITLE (Persons with responsibility for this grant)

Melanie Acobe
Budget Director

e) PHONE # AND EMAIL ADDRESS OF CONTACT PERSON(S)

W: (413) 784-4866 C: (413) 627-5668
Macobe@springfieldcityhall.com

f) MAILING ADDRESS OF CONTACT PERSON(S)

36 Court Street, 4th Floor
Springfield, MA 01103

2. IMPACT DESCRIPTION / CONNECTION TO GAMING FACILITY

a) Please describe in detail the impact that is attributed to the operation of a gaming facility.

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 to take 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.

b) Please provide documentation, specificity or evidence that gives support for the determination that the operation of the gaming facility caused, is causing the impact (i.e. surveys, data, reports).

Due to Covid 19 pandemic, a traffic 'look back' study has not been conducted to measure the increase to traffic volumes on Dwight Street. However, common resolve concludes that additional traffic has a detrimental impact to pavement longevity.

c) How do you anticipate your proposed remedy will address the identified impact?

The proposed remedy to upgrade pavement preservation efforts on Dwight Street 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.

The improvements to the Dwight Street corridor may also encourage motorists to take exit 2B, and thus reduce the frequency of the aforementioned lane merges.

3. PROPOSED USE OF TRANSPORTATION CONSTRUCTION FUNDS (Please attach additional sheets/supplemental materials if necessary.)

a) Please describe how you propose to use the Transportation Construction Grant for a transportation construction project related to the gaming facility.

The City will add this project to its annual paving contract as a bid alternate. Should the grant be awarded, work would likely commence during the autumn months of 2021.

Transportation construction grant funds would be used to revitalize Dwight Street from its intersection with Carew Street southerly to Worthington Street. Major elements will include roadway resurfacing, sidewalk and median improvements, bicycle accommodations, and safety upgrades. In the heart of downtown, Hamden Street will be improved in a similar manner.

b) Please describe how the mitigation request will address the impact indicated.

The proposed mitigation will immediately repair damage caused by additional fatigues and stresses affecting the roads.

4. BUDGET & TIMELINE

a) Please identify the amount of funding requested.

Estimated total project cost is \$600,000. The City is requesting a one-third contribution. \$200,000.

b) Please provide a detailed budget for the use of funds.

Please see attached.

c) Please provide the estimate and percentage of the costs projected to be funded from other federal, state, local, private contributions or unspent CMF Reserves. (Applicants may include contributions from gaming licensees and private contributions.) Please provide a detailed itemized estimate for each type of funding.

The City plans to use its Chapter 90 account to fund two-thirds of the project cost.

\$400,000 – Chapter 90 account

\$200,000 – Community Mitigation Fund

\$600,000 – Total Project Cost

Please see attached project construction cost estimate.

d) 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.

Chapter 90 funds, city has sufficient balance to fund \$400,000 (two-thirds of project cost).

e) Please include a detailed timetable for the project, including but not limited to, the timetable for planning, for securing additional funds and the timetable to implement the project. Construction of the project must commence by June 30, 2022.

Project will be included as a bid alternate on our FY 2022 annual paving contract. If grant is approved, bid alternate will be exercised, and project would either begin during the fall 2021 or spring 2022. Time needed for planning and securing funds is diminutive.

5. MEASUREMENT OF IMPACT

a) Please describe how you propose to measure the impact of your project.

Following routine annual inspections, the City rates the condition of all its streets. At this time the pavement condition indices (PCI) of Dwight and Hampden Streets are 52 and 50 respectively. Both these measures indicate a poor pavement condition. The project will increase the PCI's to 100.

Other measurements will likely be more subjective such as community feedback, overall aesthetics, traffic flow observations, police reporting, etc.

6. CONSULTATION WITH MASSDOT/ REGIONAL TRANSIT AGENCY (RTA) / REGIONAL PLANNING AGENCY (RPA) AND NEARBY COMMUNITIES

a) Please provide details about the Applicant’s consultation with MassDOT, the Regional Transit Agency/MBTA and the Regional Planning Agency serving the community, and nearby communities to determine the potential for cooperative regional efforts regarding transportation construction activities.

The project’s scope does not warrant such consultations.

7. RELEVANT EXCERPTS FROM HOST OR SURROUNDING COMMUNITY AGREEMENTS

a) Please describe and include excerpts from any relevant sections of any Host or Surrounding Community Agreement.

No excerpts were found relevant to this request .

b) Please explain how this impact was either anticipated or not anticipated in that Agreement.

N/A

8. INTERNAL CONTROLS/ADMINISTRATION OF FUNDS

a) Please provide detail regarding the internal controls that will be used to ensure that funds will only be used to address the impact.

All the work being performed will be included in the same contract under a bid alternate format. Separate invoices will be prepared by the City Engineering Division and shared should it be requested.

b) If non-governmental entities will receive any funds, please describe what reporting will be required and how the applicant will remedy any misuse of funds.

N/A

9. CERTIFICATION BY MUNICIPALITY/GOVERNMENTAL ENTITY

On behalf of the aforementioned 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.



Date: 02/01/2021

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

Melanie A. Acobe

(print name)

Budget Director

Title:

**SPRINGFIELD, MASSACHUSETTS
DEPARTMENT of PUBLIC WORKS
REVITALIZATION OF DWIGHT & HAMPDEN STREETS**

Community Mitigation Fund

Grant Application

ITEM NO.	ITEMS	UNIT OF MEASURE	ESTIMATED QUANTITY	UNIT PRICE	ITEM TOTAL
101.000	CLEARING AND GRUBBING	AC	0.00	\$30,000.00	\$0.00
105.000	STUMP REMOVAL	EA	0.0	\$400.00	\$0.00
120.100	UNCLASSIFIED EXCAVATION	CY	223.0	\$30.00	\$6,690.00
129.000	MILLING (COMPLETE)	SY	13560.0	\$5.25	\$71,190.00
142.000	CLASS B TRENCH EXC	CY	0.0	\$22.00	\$0.00
151.000	GRAVEL BORROW	CY	168.0	\$30.00	\$5,040.00
151.250	CONTROLLED DENSITY FILL	CY	0.0	\$145.00	\$0.00
156.000	3/4" DRAINAGE STONE	TON	0.0	\$45.00	\$0.00
170.000	FINE GRADING AND COMPACTION SUBGRADE AREA	SY	662.0	\$4.00	\$2,648.00
201.004	PRECAST CATCH BASIN / WITH HOOD	EA	0.0	\$4,500.00	\$0.00
201.006	PRECAST CATCH BASIN TYPE C	EA	0.0	\$4,300.00	\$0.00
202.000	MANHOLE 9' - 14'	EA	0.0	\$4,800.00	\$0.00
204.000	GUTTER INLET	EA	0.0	\$2,500.00	\$0.00
205.000	LEACHING CATCH BASIN	EA	0.0	\$4,600.00	\$0.00
220.000	DRAINAGE STRUCTURE ADJUSTED	EA	17.0	\$450.00	\$7,650.00
220.200	DRAINAGE STRUCTURE REBUILT	VF	4.5	\$425.00	\$1,912.50
221.024	FRAME AND COVER 24" DRAINAGE	EA	10.0	\$850.00	\$8,500.00
221.035	FRAME AND COVER 36" DRAINAGE	EA	0.0	\$1,000.00	\$0.00
222.000	FRAME AND GRATE	EA	12.0	\$825.00	\$9,900.00
222.100	FRAME AND GRATE MHD CASCADE TYPE	EA	0.0	\$875.00	\$0.00
223.000	DRAINAGE STRUCTURE REMOVED AND STACKED	EA	22.0	\$30.00	\$660.00
226.000	DRAINAGE STRUCTURE CLEANING	EA	0.0	\$200.00	\$0.00
252.060	6" PVC SDR 35 OR HDPE PERFERATED ADS PIPE	LF	0.0	\$55.00	\$0.00
252.080	8" PVC SDR 35 OR HDPE PERFERATED ADS PIPE	LF	0.0	\$60.00	\$0.00
252.100	10" PVC SDR 35 OR HDPE PERFERATED ADS PIPE	LF	0.0	\$65.00	\$0.00
252.120	12" PVC SDR 35 OR HDPE PERFERATED ADS PIPE	LF	0.0	\$70.00	\$0.00
460.002	BITUMINOUS CONCRETE DENSE BINDER	TON	0.0	\$185.00	\$0.00
460.003	BITUMINOUS CONCRETE TOP (TYPE I)	TON	975.0	\$95.00	\$92,625.00
460.005	BITUMINOUS CONCRETE ARTERIAL TOP	TON	1900.0	\$92.00	\$174,800.00
464.000	TACK COAT	GAL	1530.0	\$8.00	\$12,240.00
472.100	BITUMINOUS CONCRETE (VARIOUS)	TON	50.0	\$175.00	\$8,750.00
506.000	GRANITE CURB TYPE VB	LF	240.0	\$45.00	\$10,800.00
506.100	GRANITE CURB TYPE VB (CURVED)	LF	0.0	\$52.00	\$0.00
514.000	GRANITE CURB INLET, STRAIGHT	EA	0.0	\$450.00	\$0.00
515.000	GRANITE CURB INLET, CURVED	EA	0.0	\$500.00	\$0.00
516.000	GRANITE CURB CORNER, TYPE A	EA	0.0	\$300.00	\$0.00
570.200	BIT CON CURB TYPE 2	LF	0.0	\$6.00	\$0.00
580.000	GRANITE CURB REMOVED AND RESET	LF	134.0	\$30.00	\$4,020.00
581.000	GRANITE CURB INLET REMOVED AND RESET	EA	0.0	\$250.00	\$0.00
582.000	CURB CORNER REMOVED AND RESET	EA	0.0	\$80.00	\$0.00
590.000	GRANITE CURB REMOVED AND STACKED	LF	325.0	\$8.00	\$2,600.00
592.000	CURB CORNER REMOVED AND STACKED	EA	0.0	\$25.00	\$0.00
595.000	CURB INLET REMOVED AND DISCARDED	EA	0.0	\$80.00	\$0.00
595.100	METAL INLET REMOVED AND DISCARDED	EA	0.0	\$30.00	\$0.00
620.100	STEEL W/ BEAM HIGHWAY GUARD (SINGLE FACED)	LF	0.0	\$30.00	\$0.00
627.100	STEEL W/ BEAM TERMINAL SECTION (SINGLE FACED)	EA	0.0	\$65.00	\$0.00
635.100	HIGHWAY GUARD REMOVED AND DISCARDED	LF	0.0	\$5.00	\$0.00
701.000	CONCRETE SIDEWALK	SY	490.0	\$62.00	\$30,380.00
701.160	6" CONCRETE SIDEWALK (DRIVES)	SY	90.0	\$70.00	\$6,300.00
701.190	9" CONCRETE SIDEWALK (DRIVES)	SY	0.0	\$85.00	\$0.00
701.200	CONCRETE WHEELCHAIR RAMP	SY	75.0	\$105.00	\$7,875.00
703.000	BITUMINOUS CONCRETE (DRIVES)	TON	0.0	\$200.00	\$0.00
706.000	BRICK WALK	SY	0.0	\$250.00	\$0.00
706.100	BRICK WALK REMOVED AND RE-LAID	SY	7.0	\$200.00	\$1,400.00
710.400	BOUND, PLAIN GRANITE	EA	0.0	\$600.00	\$0.00
711.000	BOUND REMOVED AND RESET	EA	0.0	\$400.00	\$0.00
715.000	RURAL MAIL BOX REMOVED AND RESET	EA	0.0	\$200.00	\$0.00
751.000	LOAM BORROW	CY	30.0	\$87.00	\$2,610.00
765.000	SEEDING	SY	270.0	\$1.50	\$405.00
804.030	ELECTRICAL CONDUIT SCHEDULE 40	LF	0.0	\$35.00	\$0.00
811.300	TRAFFIC PULL BOX 12" X 12"	EA	0.0	\$850.00	\$0.00
811.350	TRAFFIC PULL BOX ADJUSTED	EA	1.0	\$350.00	\$350.00
812.300	STANDARD SIGNAL POST FOUNDATION	EA	0.0	\$2,000.00	\$0.00
813.530	LOOP DETECTOR LEAD-IN	LF	110.0	\$5.00	\$550.00
819.831	WIRE LOOP DETECTORS	LF	2700.0	\$15.00	\$40,500.00
832.100	WARNING - REGULATORY AND ROUTE MARKER - ALUM.	SF	147.0	\$30.00	\$4,410.00
847.100	SIGN UP (N/GUIDE) + RTE. MKR W/1 BRKWAY POST ASSEMBLY STEEL	EA	3.0	\$150.00	\$450.00
850.000	SAFETY CONTROLS FOR CONSTRUCTION	LS	1.0	\$41,000.00	\$41,000.00
854.014	TEMPORARY PAVEMENT MARKINGS	LF	100.0	\$0.50	\$50.00
864.020	PAV. ARROWS AND LEG. REFL. WHITE(THERMO PREFORMED SHARROWS)	SF	0.0	\$55.00	\$0.00
864.040	PAV. ARROWS AND LEG. REFL. WHITE (THERMOPLASTIC)	SF	259.0	\$8.00	\$2,072.00
866.040	4" REFLECTORIZED WHITE LINE (THERMOPLASTIC)	LF	6610.0	\$0.75	\$4,957.50
866.060	6" REFLECTORIZED WHITE LINE (THERMOPLASTIC)	LF	0.0	\$1.00	\$0.00
866.120	12" REFLECTORIZED WHITE LINE (THERMOPLASTIC)	LF	364.0	\$3.50	\$1,274.00
866.240	24" REFLECTORIZED WHITE LINE (THERMOPLASTIC)	LF	2535.0	\$7.00	\$17,745.00
867.040	4" REFLECTORIZED YELLOW LINE (THERMOPLASTIC)	LF	3800.0	\$0.75	\$2,850.00
867.120	12" REFLECTORIZED YELLOW LINE (THERMOPLASTIC)	LF	0.0	\$3.50	\$0.00
874.100	STREET NAME SIGN REMOVED AND RESET	EA	0.0	\$90.00	\$0.00
874.200	TRAFFIC SIGN REMOVED AND RESET	EA	0.0	\$90.00	\$0.00
910.000	STEEL REINFORCEMENT R-BAR	LBS	0.0	\$4.10	\$0.00
910.200	WIRE WELD FABRIC	SY	165.0	\$3.25	\$536.25
999.004	SAW CUT (BITUMINOUS CONCRETE, CONCRETE)	LF	700.0	\$3.50	\$2,450.00
	CONTINGENCY				\$11,809.75
TOTAL					\$600,000.00