



22

COMMUNITY
MITIGATION
FUND

APPENDIX H - TRANSPORTATION CONSTRUCTION GRANT APPLICATION

BD-22-1068-1068C-1068L-68403

Please complete the entire Application.

1. PROJECT INFORMATION

a) NAME OF MUNICIPALITY/GOVERNMENT ENTITY/DISTRICT AND VENDOR CODE

Springfield

VENDOR CODE:

b) PROJECT NAME (LIMIT 10 WORDS)

Resurfacing and Complete Streets Improvements East Columbus & Hall of Fame Avenues

c) BRIEF PROJECT DESCRIPTION (LIMIT 50 WORDS)

Project plans specify for the revitalization of East Columbus and Hall of Fame Avenues. The East Columbus Avenue section will begin at Bruno Street and end at Gridiron Street, excluding the short segment from Union to State Streets (approximately 1.36 miles). The Hall of Fame Avenue section will begin at Boland Way and extend to the South End Bridge on-ramp (approximately 1.90 miles). Major elements will include roadway resurfacing, sidewalk and median improvements, bicycle accommodations, guardrails, and safety upgrades in the heart of downtown at very close proximity to the MGM Casino.

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

Melanie Acobe

Andrew Krar, P.E. – City Engineer

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

(413) 784-4884

akrar@springfieldcityhall.com

f) MAILING ADDRESS OF CONTACT PERSON(S)

70 Tapley Street
Springfield, MA
01101

2. IMPACT DESCRIPTION / CONNECTION TO GAMING FACILITY

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

East Columbus Avenue:

Traffic impact reports developed as part of the MGM project predicted significant site generated traffic volumes originating from Interstate 91 northbound. Models appeared to predict that incoming casino traffic would use exit #6, thereby avoiding most of East Columbus Avenue. Instead we find that many motorists exit the freeway at exits #3 and #5. Thus, using more length of East Columbus Avenue prior to casino arrival. Many of these motorists wish to avoid the likely weaving and awkward sight maneuvers required to navigate the exit #6 ramp onto East Columbus Avenue, and then quickly into the right lane onto MGM Way. Similarly, motorists from the west destined for MGM, that use the South End Bridge take a similar route to avoid exit #6.

Hall of Fame Way:

Traffic impact reports predicted much of the exiting casino traffic destined southbound (and westerly across the South End Bridge) would enter Interstate 91 at the on-ramp located just south of Union Street. The City believes a greater proportion of this traffic stays on Hall of Fame Avenue until its terminus, then bifurcates either to Interstate 91 southbound or to the South End Bridge.

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).

At this time, other than parole testimony and occasional observations by City Staff and others, no documentation (traffic reports, counts, etc.) can be provided. Due to the Covid 19 pandemic, a traffic 'look back' study has not been conducted to measure the increase to traffic volumes on East Columbus and Hall of Fame Avenues. However, as known additional traffic has a detrimental impact to pavement longevity.

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

The proposed improvement to upgrade pavement preservation efforts on the subject streets 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.

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 summer months of 2023.

Transportation construction grant funds would be used to revitalize both East Columbus and Hall of Fame Avenues. Major elements will include roadway resurfacing, sidewalk improvements, bicycle accommodations, and safety upgrades. Due to the downtown centrality of the project, the beneficial results will immediately be recognized by citizens, businesses, and tourists alike.

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. In determining the funding request, please round up to the nearest hundred dollars.

Estimated total project cost is \$2,300,000. The City is requesting a one-third contribution of \$766,700.

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

Please see attach preliminary cost estimate prepared by the City of Springfield Engineering Division.

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.

\$1,555,300 – Chapter 90 account

\$766,700 – Community Mitigation Fund

\$2,300,000 – Total Project Cost

In lieu of Chapter 90 funding, the City may elect to use alternative funding if available. 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.

Following the State fiscal year 2023 and 2024 Chapter 90 fund allocations, the City is confident that sufficient balance to fund \$1,555,300 (two-thirds of project cost) will be available.

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, 2023.

Project will be included as a bid alternate in our fiscal year 2024 annual paving contract. If grant is approved, bid alternate will be exercised, and project would begin during the summer 2023. Very little extra efforts related to planning and securing additional funds are needed.

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 East Columbus and Hall of Fame Avenues are 52 and 48 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.



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

Date: 01/18/2022

Melanie Acobe

(print name)

Budget Director

Title:

SPRINGFIELD, MASSACHUSETTS
DEPARTMENT of PUBLIC WORKS
REVITALIZATION OF E. COLUMBUS AVENUE

Community Mitigation Fund
Grant Application (2022)

ITEM NO.	ITEMS	UNIT OF MEAS.	EST QTY	UNIT PRICE	ITEM TOTAL
120.100	UNCLASSIFIED EXCAVATION	CY	400.0	\$30.00	\$12,000.00
129.000	MILLING (COMPLETE)	SY	36690.0	\$5.25	\$192,622.50
151.000	GRAVEL BORROW	CY	300.0	\$30.00	\$9,000.00
170.000	FINE GRADING AND COMPACTION SUBGRADE AREA	SY	1178.0	\$4.00	\$4,712.00
220.000	DRAINAGE STRUCTURE ADJUSTED	EA	21.0	\$450.00	\$9,450.00
220.200	DRAINAGE STRUCTURE REBUILT	VF	5.0	\$425.00	\$2,125.00
221.024	FRAME AND COVER 26" DRAINAGE	EA	5.0	\$900.00	\$4,500.00
222.000	FRAME AND GRATE	EA	4.0	\$910.00	\$3,640.00
223.000	DRAINAGE STRUCTURE REMOVED AND STACKED	EA	9.0	\$30.00	\$270.00
460.003	BITUMINOUS CONCRETE TOP (TYPE I)	TON	2200.0	\$98.00	\$215,600.00
460.005	BITUMINOUS CONCRETE ARTERIAL TOP	TON	4520.0	\$92.00	\$415,840.00
464.000	TACK COAT	GAL	3600.0	\$9.00	\$32,400.00
472.100	BITUMINOUS CONCRETE (VARIOUS)	TON	30.0	\$175.00	\$5,250.00
506.100	GRANITE CURB TYPE VB (CURVED)	LF	120.0	\$52.00	\$6,240.00
516.000	GRANITE CURB CORNER, TYPE A	EA	4.0	\$300.00	\$1,200.00
580.000	GRANITE CURB REMOVED AND RESET	LF	275.0	\$30.00	\$8,250.00
581.000	GRANITE CURB INLET REMOVED AND RESET	EA	3.0	\$250.00	\$750.00
590.000	GRANITE CURB REMOVED AND STACKED	LF	100.0	\$8.00	\$800.00
592.000	CURB CORNER REMOVED AND STACKED	EA	6.0	\$25.00	\$150.00
701.000	CONCRETE SIDEWALK	SY	972.0	\$62.00	\$60,264.00
701.160	6" CONCRETE SIDEWALK (DRIVES)	SY	138.0	\$75.00	\$10,350.00
701.200	CONCRETE WHEELCHAIR RAMP	SY	68.0	\$110.00	\$7,480.00
703.000	BITUMINOUS CONCRETE (DRIVES)	TON	20.0	\$200.00	\$4,000.00
751.000	LOAM BORROW	CY	20.0	\$120.00	\$2,400.00
765.000	SEEDING	SY	180.0	\$1.50	\$270.00
811.350	TRAFFIC PULL BOX ADJUSTED	EA	3.0	\$350.00	\$1,050.00
813.530	LOOP DETECTOR LEAD-IN	LF	100.0	\$5.00	\$500.00
819.831	WIRE LOOP DETECTORS	LF	1700.0	\$15.00	\$25,500.00
832.100	WARNING - REGULATORY AND ROUTE MARKER - ALUM.	SF	222.5	\$30.00	\$6,675.00
847.100	SIGN UP (N/GUIDE) + RTE MKR W/1 BRKWAY POST ASSEMBLY STEEL	EA	12.0	\$170.00	\$2,040.00
850.000	SAFETY CONTROLS FOR CONSTRUCTION	LS	1.0	\$83,697.04	\$83,697.04
854.014	TEMPORARY PAVEMENT MARKINGS	LF	300.0	\$2.00	\$600.00
864.020	PAV. ARROWS AND LEG. REFL. WHITE(THERMO PREFORMED SHARROWS)	SF	220.0	\$55.00	\$12,100.00
864.040	PAV. ARROWS AND LEG. REFL. WHITE (THERMOPLASTIC)	SF	718.0	\$8.00	\$5,744.00
866.040	4" REFLECTORIZED WHITE LINE (THERMOPLASTIC)	LF	19250.0	\$0.75	\$14,437.50
866.120	12" REFLECTORIZED WHITE LINE (THERMOPLASTIC)	LF	675.0	\$5.00	\$3,375.00
866.240	24" REFLECTORIZED WHITE LINE (THERMOPLASTIC)	LF	2500.0	\$10.00	\$25,000.00
867.040	4" REFLECTORIZED YELLOW LINE (THERMOPLASTIC)	LF	7000.0	\$0.75	\$5,250.00
867.120	12" REFLECTORIZED YELLOW LINE (THERMOPLASTIC)	LF	300.0	\$5.00	\$1,500.00
910.200	WIRE WELD FABRIC	SY	206.0	\$4.25	\$875.50
999.004	SAW CUT (BITUMINOUS CONCRETE, CONCRETE)	LF	500.0	\$3.50	\$1,750.00
	CONTINGENCY				\$342.46
TOTAL					\$1,200,000

SPRINGFIELD, MASSACHUSETTS
DEPARTMENT of PUBLIC WORKS
REVITALIZATION OF HALL OF FAME AVENUE

Community Mitigation Fund
Grant Application (2022)

ITEM NO.	ITEMS	UNIT OF MEAS.	EST QTY	UNIT PRICE	ITEM TOTAL
105.000	STUMP REMOVAL	EA	3.0	\$650.00	\$1,950.00
120.100	UNCLASSIFIED EXCAVATION	CY	290.0	\$30.00	\$8,700.00
129.000	MILLING (COMPLETE)	SY	32160.0	\$5.25	\$168,840.00
151.000	GRAVEL BORROW	CY	200.0	\$30.00	\$6,000.00
170.000	FINE GRADING AND COMPACTION SUBGRADE AREA	SY	1070.0	\$4.00	\$4,280.00
220.000	DRAINAGE STRUCTURE ADJUSTED	EA	62.0	\$450.00	\$27,900.00
220.200	DRAINAGE STRUCTURE REBUILT	VF	5.0	\$425.00	\$2,125.00
222.000	FRAME AND GRATE	EA	5.0	\$910.00	\$4,550.00
223.000	DRAINAGE STRUCTURE REMOVED AND STACKED	EA	5.0	\$30.00	\$150.00
460.003	BITUMINOUS CONCRETE TOP (TYPE I)	TON	1900.0	\$98.00	\$186,200.00
460.005	BITUMINOUS CONCRETE ARTERIAL TOP	TON	3690.0	\$92.00	\$339,480.00
464.000	TACK COAT	GAL	3200.0	\$9.00	\$28,800.00
472.100	BITUMINOUS CONCRETE (VARIOUS)	TON	50.0	\$175.00	\$8,750.00
506.000	GRANITE CURB TYPE VB	LF	10.0	\$45.00	\$450.00
516.000	GRANITE CURB CORNER, TYPE A	EA	2.0	\$300.00	\$600.00
580.000	GRANITE CURB REMOVED AND RESET	LF	440.0	\$30.00	\$13,200.00
581.000	GRANITE CURB INLET REMOVED AND RESET	EA	2.0	\$250.00	\$500.00
582.000	CURB CORNER REMOVED AND RESET	EA	6.0	\$80.00	\$480.00
590.000	GRANITE CURB REMOVED AND STACKED	LF	210.0	\$8.00	\$1,680.00
592.000	CURB CORNER REMOVED AND STACKED	EA	2.0	\$25.00	\$50.00
701.000	CONCRETE SIDEWALK	SY	590.0	\$62.00	\$36,580.00
701.160	6" CONCRETE SIDEWALK (DRIVES)	SY	60.0	\$75.00	\$4,500.00
701.200	CONCRETE WHEELCHAIR RAMP	SY	145.0	\$110.00	\$15,950.00
703.000	BITUMINOUS CONCRETE (DRIVES)	TON	50.0	\$200.00	\$10,000.00
706.100	BRICK WALK REMOVED AND RE-LAID	SY	10.0	\$200.00	\$2,000.00
751.000	LOAM BORROW	CY	10.0	\$120.00	\$1,200.00
765.000	SEEDING	SY	90.0	\$1.50	\$135.00
811.350	TRAFFIC PULL BOX ADJUSTED	EA	4.0	\$350.00	\$1,400.00
813.530	LOOP DETECTOR LEAD-IN	LF	200.0	\$5.00	\$1,000.00
819.831	WIRE LOOP DETECTORS	LF	2000.0	\$15.00	\$30,000.00
832.100	WARNING - REGULATORY AND ROUTE MARKER - ALUM.	SF	405.0	\$30.00	\$12,150.00
847.100	SIGN UP (N/GUIDE) + RTE. MKR. W/1 BRKWAY POST ASSEMBLY STEEL	EA	12.0	\$170.00	\$2,040.00
850.000	SAFETY CONTROLS FOR CONSTRUCTION	LS	1.0	\$75,386.72	\$75,386.72
854.014	TEMPORARY PAVEMENT MARKINGS	LF	300.0	\$2.00	\$600.00
864.020	PAV. ARROWS AND LEG. REFL. WHITE (THERMO PREFORMED SHARROWS)	SF	275.0	\$55.00	\$15,125.00
864.040	PAV. ARROWS AND LEG. REFL. WHITE (THERMOPLASTIC)	SF	615.0	\$8.00	\$4,920.00
866.040	4" REFLECTORIZED WHITE LINE (THERMOPLASTIC)	LF	22300.0	\$0.75	\$16,725.00
866.120	12" REFLECTORIZED WHITE LINE (THERMOPLASTIC)	LF	660.0	\$5.00	\$3,300.00
866.240	24" REFLECTORIZED WHITE LINE (THERMOPLASTIC)	LF	3460.0	\$10.00	\$34,600.00
867.040	4" REFLECTORIZED YELLOW LINE (THERMOPLASTIC)	LF	7500.0	\$0.75	\$5,625.00
910.200	WIRE WELD FABRIC	SY	205.0	\$4.25	\$871.25
999.004	SAW CUT (BITUMINOUS CONCRETE, CONCRETE)	LF	500.0	\$3.50	\$1,750.00
	CONTINGENCY				\$19,457.03
TOTAL					\$1,100,000