

**SPRINGFIELD COMMUNITY PRESERVATION  
FULL APPLICATION COVER SHEET**

<b>I. PROJECT INFORMATION</b>	
CPA program area - check all that apply:	
<input type="checkbox"/> community housing	<input checked="" type="checkbox"/> historic preservation
<input type="checkbox"/> open space	<input type="checkbox"/> recreation
Project/Program Title: <b>Springfield Science Museum Plaza and Exterior Restoration</b>	
Brief Project/Program Summary: This project will repair and restore the Science Museum's 1933 Quadrangle Plaza, now in poor condition, by replacing the damaged plaza slate with durable brick pavers; creating a low sloping ramp that provides access to the plaza while maintaining all original granite steps; removing a side exit door (added in the early 2000's) that faces out onto the plaza and replacing it with an exact replica of the original window that was located there (to match in size, material and division); and repairing damage to the limestone facade and museum exit handrails.	
estimated start date: <u>3/15/2022</u>	estimated completion date: <u>7/01/2022</u>
<b>II. APPLICANT INFORMATION</b>	
Type of Applicant - check one:	
<input type="checkbox"/> City of Springfield	<input checked="" type="checkbox"/> Non-Profit Organization
<input type="checkbox"/> For-Profit Business	<input type="checkbox"/> Individual
Name of Organization: <b>Springfield Museums</b>	
Name of Contact Person: <b>Kay Simpson</b>	
Mailing Address: <b>21 Edwards Street</b>	
Mailing City/State/Zip: <b>Springfield, MA 01103</b>	
Phone: <b>413-779-2159</b>	Fax: <b>413-263-6814</b>
Email: <b>ksimpson@springfieldmuseums.org</b>	
Website: <b>https://springfieldmuseums.org/</b>	
<b>III. BUDGET SUMMARY</b>	
Estimated Project Budget: <b>\$196,844.00</b>	
CPA Funding Request: <b>\$189,344.00</b>	
Will you be seeking multi-year funding <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
CPA Request as Percentage of Total Project/Program Budget: <b>96%</b>	
List Other Secured Funding Sources: Springfield Museums Facilities Fund, private donation of \$5,000, in-kind donation of \$2,500.00.	
List Other Prospective Funding Sources: MassDevelopment's "Commonwealth Places" Grant	

Applicant Signature: *Alicia Bono* Date Submitted: 3/31/21

I. GENERAL INFORMATION Community Preservation Funds are available in four categories. There are some questions that are only relevant to certain categories. Please only answer the questions in this section that relate to the category(s) that are being applied for. A. All Categories that involve property (land and/or buildings) 1. Provide the parcel ID number(s) for property included in the project: Parcel ID# 111100052 2. Does the applicant own the property?: Yes C. Historic Preservation Questions Historic preservation projects must follow the Secretary of Interior Standards for Rehabilitation. Assisted properties will be required to be subject to an exterior preservation restriction or to be placed under local historic district protection. 1. What steps will be taken to ensure the work complies with the Secretary's Standards?: For this project, we are working with architect Steve Jablonski of Jablonski DeVriese Architects, who specializes in restoration and preservation projects, to ensure all components of this project align with the Secretary's Standards. Taylor Davis Landscape and Construction, the construction company who will restore the patio, completed similar work on a historic building on our campus in 2017. Our Facilities Director and staff, who will oversee this project in coordination with Mr. Jablonski, are practiced with these standards as the Springfield Museums cares for multiple historic buildings that require historic preservation standards.

2. What is the age of the property?: 122 years old

3. Will the owner agree to a preservation restriction or local historic district designation?: Yes, the Springfield Science Museum now has a preservation restriction as a result of receiving CPA funding for the roof replacement and repair in 2019.

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## II. NARRATIVE A. Project Summary

Introduce the project with a summary which notes the CPA category, goals, project scope, and budget: The Springfield Museums proposes a \$189,344 Historic Preservation project to restore the Science Museum's Quadrangle Plaza. Formerly an entrance but serving today only as an exit, this underused space will benefit from restoration that allows greater public access. To achieve this, we propose:

- Removal and replacement of damaged slate pavers (not original) with highly durable pavers that complement the Museum facade. Existing drains will be assessed to ensure proper function.
- Addition of low sloping ramp to the Plaza (mirroring ramps at the D'Amour and Seuss Museums) making the Plaza fully accessible. The ramp will extend just to the Plaza terrace as approved by the Building Commission, but not the central door which is designated only for egress; the Museum has an accessible main entrance and exits.
- Restoration to the original design by removing an unused side door and replacing it with a replica of the window originally located there (to match in size, material and division the steel window opposite the plaza). Added in 2004 along with the Gift Shop and Welcome Center, this door is now superfluous. Sourced limestone will seamlessly fill gaps created by the removal, and for repairs around exit handrails.

B. Proposal Description 1. Describe the proposal and how it will benefit Springfield: Our museums surround a Quadrangle greenspace, with heritage trees, rain and pollinator gardens, public benches and serene landscaping. This project will create a new, accessible outdoor seating, eating, and public engagement space for Springfield residents and visitors of all abilities to further enjoy the campus, while restoring one of its oldest museum buildings in all of its architectural detail.

The Science Museum was founded in 1859 in City Hall by and for Springfield residents, and the Museums remain free to city residents. We believe this project is a community-driven investment complementing the attractions on our campus and in concert with efforts that celebrate and renew the city including: the placement of local public art by the Museums in Pynchon Park; the Museums' redevelopment of property at 95-97 Chestnut Street; the city's efforts to improve the Chestnut street corridor and Apremont Triangle as a functional, bikeable, and walkable green space; and a collaborative "Seuss in Springfield" tour that will highlight and drive visitation to Seuss landmarks throughout the city. This project, ongoing accessibility improvements, placemaking and continued preservation of our campus and city landmarks will help to further leverage economic growth and development in Springfield as visitation and tourism returns post-pandemic.

2. Identify what CPA criteria this proposal achieves and how they are accomplished: ● Consistent with priorities identified in the Community Preservation Plan: With 350,000 visitors in the average year, the Science Museum is the most visited and highly used museum on our campus and contributes to the cultural tourism that highlights Springfield's heritage and historic character. Tourism and visitation also speak to the advantageous cost/benefit value; the Museums average a \$21 million impact on the regional economy due to tourism each year (Americans for the Arts).

This project will allow for a return to the original design and intent of the Plaza and building frontage, with timely yet harmonious and informed changes that make the space available to all. It also supports local skilled crafts and tradespeople including masons, metalworkers, building contractors, landscapers, suppliers and an architectural firm based in Springfield.

●Protect resourcesthatwouldbeotherwisethreatened: The Quadrangle plaza became the new entrance to the Science Museum when it opened in 1933, with two sets of granite stairs, a highly decorative carved limestone frieze around the entryway, terracotta medallions, and classical balustrades to designate the terraced area. We are committed to preserving this unique space. The Springfield Museums have a large responsibility and sacred trust to care for our campus of 10 buildings, eight of which are historic, in addition to serving as an educational and recreational resource, 3

and a community anchor. Deferred maintenance is a very real issue and threat to these historic resources even in years that the Museums have financial success with admissions gains. We strive to maintain buildings and equipment with the best possible care and replace them with sustainable, long lasting solutions whenever possible.

●Serve more than one CPA purpose: While this is a Historic Preservation request, a restored Plaza with tables and chairs alongside the Quadrangle green also serves as an additional open space and recreational asset to the city. The Plaza will greatly complement any outdoor programs including public performances and concerts, which are free to all visitors and area residents. The outdoor grounds are open later than the Museums' buildings, and are accessible even on days when the Museums are closed to the public. Our grounds are used by the public as a park for picnicking, recreation and relaxation.

●Demonstrate practicality and feasibility so the project can be implemented within budget and on schedule: Working with designers and contractors who have accomplished high quality work on our campus before, it is estimated that this work can be completed in two months. We have built in additional time for contingencies.

3. Describe the need that this proposal will address: This proposal will address the deferred maintenance issues within the Plaza, particularly the poor condition of the slate pavers, some of which are missing, chipped and broken in certain areas, presenting a safety hazard. It is also important that we address the shearing of the limestone where the bronze handrail is secured on both sides of the Plaza exit stairs, as that will continue to erode and is an additional safety hazard for exiting visitors.

The ramp addresses the need for greater access to the public spaces on our campus, and facilities nationwide. Accessibility is critical for our high population of older adult residents and visitors, visitors with mobility issues, and their families. At 34.9%, Springfield has the highest adult disability rate in all of New England. It is important that we continue to make our campus as welcoming, accessible, and inclusive as possible while maintaining our commitment to historic preservation. The Springfield Museums will continue to move this important work forward in alignment with our mission towards Universal Participation, and recognizes that accessibility is an iterative and evolving goal that requires ongoing information gathering, feedback from end users, and strong partnerships. We value your thoughts, concerns and feedback on this process.

4. What is the expected outcome of this proposal?: The expected outcome of this proposal is to return the Science Museum Plaza to its original state as a premier space to welcome visitors, extend the Science Museum experience into the outdoors, and provide an additional safe, welcoming, and accessible gathering place for our community to enjoy the beautifully landscaped campus.

By 2022, we hope many people will feel and be safe to gather both indoors and outdoors together again, and this project will celebrate the new programs and exhibits inside the Science Museum while offering a comfortable seated space to enjoy the beautiful exterior of the museum as well. We hope to draw more attention to the original architectural details of the Plaza, including the carved frieze around the doorway and the hexagonal terracotta medallions lining the perimeter of the Science Museum that are prominently featured in the Plaza space. Each medallion features a different animal species or natural history object; the Plaza features an owl on the left side, and three sharks and a crab on the right. The hexagonal shape will be echoed within the pavers around the exit stairs in a harmonious nod to these special architectural features.

C. Feasibility & Sustainability 1. What other funding sources have been secured or are being pursued?: An individual donor has committed \$5,000 to the project and the Springfield Garden Club has committed to in-kind plantings to celebrate the new ramp and related landscaping. The Museums will commit up to 10% of the funding for this project, and will draw down from the Museum's Historic Preservation Endowment as necessary to complete the improvements. If funding is offered in 2022, the Springfield Museums will apply for MassDevelopment's "Commonwealth Places" Grant for the spring installation, and will continue to search for additional project funding over 2021-2022.

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2. Once the proposal is complete how will it be sustained/maintained?: As the plaza surface is being excavated, we will assess the drains and make any repairs as needed to ensure proper function. This will prevent water buildup and damage from the elements, ensuring a longer lasting paver and surface. For the plaza and ramp surface, we have identified Ideal pavers. Ideal Concrete Block Co. is an MA-based company that offers slip and skid resistant, highly durable products that are guaranteed to withstand snowload and backed with a lifetime warranty. For the door removal and window replacement, the

replica will be produced by Hope's window, a steel and bronze specialty window manufacturer in Jamestown, NY. Their windows are guaranteed to last 100+ years. We will ensure the masonry repairs are also completed to the highest standard to ensure longevity. Our intent is that this project will require little maintenance besides snow removal and routine cleaning.

3. Is there an operating proforma for when the proposal is complete and what is the basis?: In 2016, the Museums received a \$500,000.00 Challenge Grant from the Amelia Peabody Charitable Fund which gave matching funds to establish a Springfield Museums Historic Preservation Endowment. Income from the permanently restricted fund is drawn down each year to maintain and preserve the campus of historic buildings, including the Science Museum Plaza as needed.

The Museums are currently engaged in a strategic planning process that will further identify ways to diversify revenue in a post-covid landscape; we have been able to adapt much of our programming into digital and hybrid (on-site and digital) models including Museum School Courses, Museums a la Carte Lunchtime Lectures, school and educational programs. We also bring in revenue from a redesigned Museum Store, online store, Dr. Seuss License Plate Program and Vehicle Donation Program. The Science Museums' newly opened Smithsonian makerspace, Spark!Lab, and soon to open International Space Station exhibit, and newly restored planetarium offer additional draws to our campus.

D. Applicant Experience 1. What similar projects/programs has the applicant successfully completed?: The museum campus includes five public museum buildings, two built before the turn of the 19th century; museum staff work to maintain the needs of each unique structure sustainably, in accordance with historical preservation standards, balanced to meet the needs of our visitors and daily operations.

With support from CPA funds in the 2020 grant round, the Springfield Museums will be able to successfully complete a comprehensive, multi-phased, historic preservation project at the George Walter Vincent Smith Art Museum in 2021. Over the past ten years, the significant building envelope and interior environmental climate were stabilized and sealed by installing sustainable mechanical systems, restoring 33 original 19th century Louis Comfort Tiffany stained glass windows, and repairing and replacing the museum's roof and 23 original skylights (fully restored and filtered with UV filtering safety glass). CPA funding has enabled the critical final phase of the stained glass window restoration and completion of exterior restoration that began spring 2021 and is estimated to be complete by October. Specifically, this work will fully seal the building envelope and conclude the restoration of eight sets of large, arch-top stained glass windows; the oak front doors and decorative entryway millwork, the original 1896 cast iron lighting sconces and metalwork; and repointing/repair to the entryway's original brownstone and masonry stairs. This work, completed by highly skilled local artisans and contractors, represents over one million dollars of investment in preventive conservation through federal, city, private and internal funding. This project ensures responsible stewardship of the internationally significant collections, and will protect the building for generations to come.

The Springfield Museums is also currently working on a full restoration of 74 Fairfield Street—the childhood home of Theodor Seuss Geisel, aka Dr. Seuss—with the long term goal of transforming it into a historic house museum and workshop space. Known historically as the Henry Russell house, 74 Fairfield Street is a Colonial Revival home built in 1903 by McKnight Builders in the Forest Park Heights Historic District. Purchased by the Museums in 2015, to date the Museums have repaired the porch and ramp, encapsulated lead, updated electrical wiring and remediated existing asbestos in preparation for an interior refurbishment.

2. Describe the professional experience of the applicant/project team: Steve Jablonski, of Jablonski Devriese 5

Architects located in Springfield, has been in the field since 1988. The firm emphasizes attention to detail, respect for traditional materials, a common sense approach to maintenance and adaptive reuse of historic buildings to inform their design process. Steve has been involved in numerous local historic preservation projects including the Wistariahurst Museum and Latino Professional Building in Holyoke; the Barney Carriage House, Sacred Heart Church, and Old First Church in Springfield; and the Polish Center and Elms College Admissions building in Chicopee. His work for the adaptive reuse of Springfield College's 1894 Judd Gym received a 2011 Paul E. Tsongas Award by Preservation Massachusetts. Mr. Jablonski has brought his talent to numerous projects on our campus including the adaptive design of the Lyman & Merrie Wood Museum of Springfield History, the design and completion of a low sloping ramp at the D'Amour Museum of Fine Arts entrance (see image), and the design of the Museum's Welcome Center.

Richard Lyon, Director of Facilities at the Springfield Museums, will manage this project with help from Steve Jablonski, Contractors Ed Severance and Taylor Davis of Taylor Davis Landscape and Construction, and Maintenance Manager James Webber. Lyon has 19 years of project, construction, and personnel management, with experience in property maintenance, building inspections, and developing plans for fire detection systems. Both Lyon and Jablonski will ensure the project runs smoothly and is completed according to historic preservation standards that stand up New England winters and high public use. III. TIMELINE The timeline should identify the estimated start date and estimated completion date along with the completion of phases or important milestones of the project/program. Please provide the timeline in a list format.

2021: March 2021: Ramp approval from the Springfield Building Commission. April: Application deadline to CPA. Submit project application to the Historic Commission. Late Summer/Fall: Potential notification of project award with City Council Approval. 2022: March: Weather permitting, Taylor Davis Landscape and Construction will begin the ramp work first followed by the plaza patio work. This will ensure the surface of the plaza is not marred while the ramp is installed. Apply to MassDevelopment Commonwealth Places if funding is available in 2022. April-May: Door removal and window replacement. Plaza and ramp work ongoing; masonry repair to begin as weather is warm enough. Limestone replacement to seal window. June-July: Plaza, Ramp, window and masonry repairs complete. Summer public programs to occur on and around Plaza and in Quadrangle to celebrate the newly activated Plaza space.

IV. BUDGET

<b>Springfield Science Museum Plaza and Exterior Restoration Project Budget</b>			
<b>Organization Name</b>	Springfield Museums		
<b>Federal ID #</b>	04-6002239		
	<b>Start Date</b>		<b>End Date</b>
<b>Budget Period</b>	3/1/2022		7/31/2022
<b>Income Sources</b>	<b>This Request</b>		<b>Total Project Budget</b>
Individual Contributions	\$5,000.00		\$5,000.00
In-Kind Contributions	\$2,500.00		\$2,500.00
Springfield Museums Facilities Fund	up to 10%		up to 10%
<b>Total Income</b>	<b>\$7,500.00</b>		<b>\$7,500.00</b>

<b>Expenses</b>			
<b>Plaza restoration and ramp construction</b>			
<i>Excavation and construction of plaza, ramp, fabrication of ramp handrails (bronze to match existing plaza handrails)</i>	\$165,794.00		\$165,794.00
<b>Masonry Repairs</b>			
<i>Limestone repair at damaged handrail on Science Facade:</i>	\$2,800.00		\$2,800.00
<b>Door Removal, Window Replacement</b>			
<i>Replace Science Museum exterior door with replica steel sash window with insulating glass; repair opening with matched limestone, trim &amp; paint on interior</i>	\$16,400.00		\$16,400.00
<b>Project Consultation and Management</b>			
<i>Consulting Architect and coordinator, Steve Jablonski</i>	\$9,350.00		\$9,350.00
<b>Landscaping</b>			
<i>Springfield Garden Club, in-kind plantings</i>			\$2,500.00
<b>Total Expenses</b>	<b>\$194,344.00</b>		<b>\$196,844.00</b>
<b>Total Community Preservation Act Request</b>	<b>\$189,344.00</b>	<b>Total Project Cost</b>	<b>\$196,844.00</b>
<b>Budget Notes:</b>			
Personnel includes Springfield Museums' maintenance, security, facilities, and finance staff who will help install and administrate this project. We have not included these costs within the project budget, however we estimate that they amount to \$13,759, including fringe benefits.			