



20

COMMUNITY
MITIGATION
FUND

APPENDIX H

**Transportation Construction Project(s) ("TCP")
BD-20-1068-1068C-1068L-46130**

Please complete the entire Application.

1.	NAME OF MUNICIPALITY/GOVERNMENT ENTITY/DISTRICT City of Boston
2.	PROJECT NAME (LIMIT 10 WORDS) Connecting the Lost Village
3.	BRIEF PROJECT DESCRIPTION (LIMIT 50 WORDS) Geometric changes to the intersection of Brighton Street and Cambridge Street in Charlestown, to create safer crossings and better line of sight for turning vehicles., as well as a fiber connection from Sullivan Square to the Parker Street intersection.
4.	NAME AND TITLE OF INDIVIDUAL AUTHORIZED TO COMMIT FUNDS ON BEHALF OF MUNICIPALITY/GOVERNMENTAL ENTITY Gregory T. Rooney
5.	ADDRESS OF INDIVIDUAL AUTHORIZED TO COMMIT FUNDS ON BEHALF OF MUNICIPALITY/GOVERNMENTAL ENTITY One City Hall Plaza, Boston MA 02201
6.	PHONE # AND EMAIL ADDRESS OF INDIVIDUAL AUTHORIZED TO COMMIT FUNDS ON BEHALF OF MUNICIPALITY/GOVERNMENTAL ENTITY gregory.rooney@boston.gov 617-635-3669
7.	NAME AND TITLE OF CONTRACT MANAGER RESPONSIBLE FOR HANDLING OF FUNDS ON BEHALF OF MUNICIPALITY/GOVERNMENTAL ENTITY William Conroy
8.	ADDRESS OF CONTRACT MANAGER RESPONSIBLE FOR HANDLING OF FUNDS ON BEHALF OF MUNICIPALITY/GOVERNMENTAL ENTITY One City Hall Plaza, Boston MA 02201
9.	PHONE # AND EMAIL ADDRESS OF CONTRACT MANAGER ON BEHALF OF MUNICIPALITY/GOVERNMENTAL ENTITY william.conroy@boston.gov 617-635-2318
10.	NAME OF GAMING LICENSEE Encore Boston Harbor Casino and Hotel

1. IMPACT DESCRIPTION

Please describe in detail the impact or potential impact that is attributed to the operation of a gaming facility that may be remediated by the proposed Transportation Construction Project (TCP). Please provide support for the determination that the operation of the gaming facility caused, is causing or otherwise may cause the impact.

The City of Boston is working to reasonably accommodate traffic generated by the Region 1 gaming licensee, Encore Boston Harbor. Some 70% of the traffic generated by Encore will go through Sullivan Square in Charlestown, which will affect nearby intersections, including the area known as the Lost Village.

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

a) Please describe how you propose to use the Transportation Construction Project(s) funds for transportation projects related to the gaming facility.

Boston Transportation Department (BTD) will be making transportation improvements in Charlestown. These improvements will create safer pedestrian crossings and improved lines of sight for turning vehicles.

BTD will also make a fiber connection for traffic signal infrastructure from Sullivan Square to the Parker Street intersection. This work will involve a new control cabinet and new detection at the Parker Street intersection.

Work is proposed at the following locations in Charlestown:

Location 1 - Cambridge Street at Brighton Street; geometric improvements

Location 2 - Cambridge Street at Parker Street and Stark Street; traffic signal improvements

Location 3 - Parker Street at Hadley Street; geometric improvements

Location 4 - Perkins Street at Caldwell Street; wheelchair ramp and crosswalk installation

Location 5 - Broadway at Brighton Street; geometric improvements

Location 6 - Medford Street from Bunker Hill Street to Short Street; sidewalk improvements

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

Casino-related traffic will increase the number of vehicles using local streets, increasing the risk of pedestrian injuries and creating heavier traffic flow, which will need to be managed comprehensively.

3. CONNECTION TO GAMING FACILITY

Please provide specificity/evidence that the requested funds will be used to address issues or impacts directly related to the gaming facility.

All funds requested herein will be related to pedestrian and vehicle safety in the project area.

4. BUDGET & TIMELINE

a) Please identify the amount of funding requested. Please provide a detailed scope and budget for the use of funds.

Full amount requested is \$533,900.00. Breakdown by spending category:

Category	Estimated Subtotal
Design Estimate	\$93,500.00
Traffic Signals	\$147,300.00
Pavement Markings & Signage	\$10,600.00
Traffic Management	\$53,800.00
Civil/Construction	\$206,300.00
Miscellaneous (Landscape/Hardscape)	\$22,400.00
Grand Total	\$533,900.00

Task	Budget
Task 1	
Conceptual Design Report	\$7,500
25% Design Submission	<u>\$22,000</u>
Subtotal	\$29,500
Task 2	
75%/100% Design Submission	\$16,000
Subtotal	\$16,000
Task 3	
Public Improvements Commission Submission	<u>\$8,000</u>
Subtotal	\$8,000
Task 4	
PS&E Submission	<u>\$11,000</u>
Subtotal	\$11,000
Task 5	
Construction Phase Services	<u>\$3,000</u>
Subtotal	\$3,000
Direct Expenses	
Traffic Counts	\$5,000
Survey	\$20,000
Printing, Couriers, etc.	<u>\$1,000</u>
Subtotal	\$26,000
TOTAL	\$93,500

b) Please provide documentation (e.g. - invoices, proposals, estimates, etc.) adequate for the Commission to ensure that the funds will be used for the cost of the Transportation Construction Project.

Consultant documentation attached at the end of this application.

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.

\$0.00

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.

N / A

e) Please include a detailed timetable for the TCP, including but not limited to, the timetable for planning, for securing additional funds and the timetable to implement the TCP. Construction of the TCP must commence by June 30, 2021.

Design will be completed by June 30, 2020.

Construction will be completed by Winter 2020.

5. MEASUREMENT OF IMPACT

Please describe how you propose to measure the impact of your TCP including indicators proposed to measure results.

Active monitoring of traffic conditions will be conducted during and following completion of project.

6. INTERNAL CONTROLS/ADMINISTRATION OF FUNDS

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

This grant is specifically earmarked within the City of Boston's FY21 Budget and all work will be reviewed by the Boston Public Works prior to acceptance from the consultant/contractors.

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

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 City of Boston is maintaining on-going coordination with MassDOT, the MBTA, and agents local to the Charlestown neighborhood.

8. RELEVANT EXCERPTS FROM HOST OR SURROUNDING COMMUNITY AGREEMENTS

Please describe and include excerpts from any relevant sections of any Host or Surrounding Community Agreement. Please explain how this impact was either anticipated or not anticipated in that Agreement.

Mayor's Office of Neighborhood Services (ONS) has been engaged in this area of Charlestown prior to and after the opening of the Encore casino. This community expressed significant concerns about the changes to the traffic network and pedestrian facilities. Recently, the ONS held several meetings with the neighborhood, who would like to see the construction of these proposed improvements expedited as quickly as possible.

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

1/30/20



January 30, 2020

William Conroy
Boston Transportation Department
One City Hall Plaza, Room 721
Boston, MA 02201

**Re: Transportation Improvements at Six Locations in Charlestown
Traffic and Roadway Engineering Services**

Dear Mr. Conroy:

Howard Stein Hudson (HSH) is pleased to provide this letter proposal for traffic and civil engineering design services related to transportation improvements in Charlestown. The project is proximate to the recent Encore mitigation improvements at Sullivan Square. The community of Charlestown and City of Boston consider this project to be the connection for the community to access a significantly improved Sullivan Square. Beyond access, the proposed improvements further promote safe pedestrian travel over single-occupant-vehicle trips and thereby enhance the Encore mitigation.

In general, the work will occur at intersections on Cambridge Street, Broadway, and Medford Street as detailed below.

Scope of Services

Based on our understanding of the scope of work, we will be preparing a Conceptual Design Report, plans, specifications, and construction estimates according to Boston Transportation Department (BTD) Design Guidelines. HSH has included permitting Specific Repairs with the Public Improvement Commission. This is required for sidewalk modifications within the public way.

Work is proposed at the following locations in Charlestown:

- ❑ **Location 1** – Cambridge Street at Brighton Street; geometric improvements
- ❑ **Location 2** – Cambridge Street at Parker Street and Stark Street; traffic signal improvements
- ❑ **Location 3** – Parker Street at Hadley Street; geometric improvements
- ❑ **Location 4** – Perkins Street at Caldwell Street; wheelchair ramp and crosswalk installation
- ❑ **Location 5** – Broadway at Brighton Street; geometric improvements

- ▣ **Location 6** – Medford Street from Bunker Hill Street to Short Street; sidewalk improvements

Task 1 – Conceptual Design Report / 25% Design

CONCEPTUAL DESIGN REPORT

HSH will prepare a Conceptual Design Report (CDR) that documents the engineering assessment of the intersection of Cambridge Street at Parker Street and Stark Street, including traffic, bicycle, and pedestrian count data, crash data, geometric layout, lane use, parking and curbside use, and other pertinent information. We will perform capacity analysis based on *BTD's Traffic Signal Operations Design Guidelines* using Synchro. The existing conditions analysis will be calibrated based on field observations of the conditions, including queuing, and will be summarized in the report, including level of service (LOS), delay, v/c ratio, and 95th-percentile queue length. HSH will then perform the future conditions capacity analysis using Synchro, the results of which will be compiled in the report.

DESIGN PLANS

HSH will prepare a 25% design submission according to BTD requirements that will include the following:

- ▣ Cover sheet, Notes, and Legend;
- ▣ Standard Construction Details;
- ▣ Civil Construction Plans;
- ▣ Traffic Signal Plans;
- ▣ Traffic Signal Schedules; and
- ▣ Pavement Parking and Signage Plans

This task includes two (2) meetings with the City.

Task 2 – 75% / 100% Submission

HSH will incorporate and respond to BTD's comments from the 25% submission for the 75%/100% design submissions.

DESIGN PLANS

HSH will prepare a 75%/100% design submission according to BTD requirements that will include updated design plans, a response to BTD comments, constructions specifications, special provisions, and an Engineer's Estimate.



Task 3 – Public Improvements Commission

SPECIFIC REPAIRS

HSH will prepare a Specific Repair Plan for Cambridge Street at Brighton Street, Broadway at Brighton Street, Parker Street at Hadley Street, Perkins Street at Caldwell Street, and Medford Street showing the proposed improvements within the public way.

HSH will send coordination letters to the appropriate utility companies and city agencies describing the proposed Specific Repairs and prepare an Engineering Report. HSH will submit the completed package to the PIC. After approval, HSH will provide the PIC with a color and a monochrome mylar of the Specific Repair Plans. This task includes attendance at two (2) PIC hearings and one (1) PIC staff meeting.

Task 4 – PS&E Submission

DESIGN PLANS

HSH will respond in writing to BTD's written 75%/100% Design comments. If necessary, we will meet with BTD staff to resolve any questions on the 75%/100% Design prior to proceeding to PS&E stage. HSH will furnish BTD with stamped and signed approved plans. We will provide three (3) hard copy sets and one (1) electronic set of all drawings in AutoCAD format.

Construction Phase Services

CONSTRUCTION ADMINISTRATION

HSH assumes that the construction contract and daily construction management will be performed by City personnel. HSH will assist the City and Contractor by reviewing equipment submittals and responding to Requests for Information (RFI). Our services for this task include:

- Two (2) site visits to ensure the work is proceeding in accordance with the contract documents;
- Reviewing and approving (or take other appropriate action on) shop drawings, samples, and other submittals from the Contractor;
- Determining the acceptability of substitute materials or equipment that may be proposed by the Contractor; and
- Issuing interpretations and clarifications of the contract documents.



Schedule

We expect the 25% plans can be prepared within 4-6 weeks of receipt of Notice to Proceed, completion of the survey, and traffic data collection. The design will be completed on or before June 30, 2020 with construction being completed by June 30, 2021.

Fees for Services

Fees will be billed on a Time and Materials basis and in accordance with the attached fee schedule. A summary of fees for labor are summarized by task in the table below. The total cost for the scope as described in this letter is estimated at an upset fee limit of \$93,500.

Task	Amount
Task 1	
Conceptual Design Report	\$7,500
25% Design Submission	<u>\$22,000</u>
Subtotal	\$29,500
Task 2	
75%/100% Design Submission	<u>\$16,000</u>
Subtotal	\$16,000
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Public Improvements Commission Submission	<u>\$8,000</u>
Subtotal	\$8,000
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Task 5	
Construction Phase Services	<u>\$3,000</u>
Subtotal	\$3,000
Direct Expenses	
Traffic Counts	\$5,000
Survey	\$20,000
Printing, Couriers, etc.	<u>\$1,000</u>
Subtotal	\$26,000
TOTAL	\$93,500

Materials or reimbursable (direct) expenses will be billed at cost plus ten percent. Materials or reimbursable expenses are actual expenditures made by HSH in the interest of the project and include but are not limited to printing, photocopying, delivery charges, postage, research materials, local transportation, and any other expenses incurred in the interest of the project. Reimbursable expenses do not include permit filing fees.

While HSH feels the scope of work and associated fee provided in this proposal is appropriate for this type and size of development in this location and that it will be acceptable to reviewing agencies, should the scope of work change either by request of the Client, reviewing agencies, or the community, HSH will provide an additional services request for advance review and approval by the Client.

Terms

Payment of Services: The project work is billable monthly on a time and materials basis, such that if the hours are not spent, you will not be billed. Invoices are due within thirty (30) days of receipt, regardless of whether or not approvals are granted. Interest of one and one-half percent (1.5%) will be charged per month on unpaid bills after ninety (90) days. If the scope should significantly change or if the schedule is extended past June 30, 2021, we will revise the budget accordingly and resubmit it for your approval.

Termination: Consultant services may be terminated by either party with or without cause upon 10 days advance written notice. Regardless of which party shall affect termination, Client shall, within 30 calendar days of termination, pay HSH for services rendered and all costs incurred up to the time of termination, as well as those costs associated with the termination itself, if any, in accordance with HSH's then-prevailing labor rates. Upon termination of services and full payment of consultant fees, HSH will release any and all work product related to this contract.

Indemnification: Client and HSH will indemnify and each hold harmless each other's employees, officers, directors, and subconsultants from and against all claims and actions, including reasonable attorney fees, arising out of or related to damages or injuries to persons or property related or connected to acts of each other or their employees, officers, directors, subconsultants or agents.

Insurance: During the period that services are performed under this Agreement, HSH will maintain the following insurance: (1) Workers Compensation coverage in accordance with the laws of the Commonwealth of Massachusetts; (2) Commercial General Liability with a limit of \$1,000,000 per occurrence and a \$2,000,000 general aggregate; (3) Non-owned and Hired Automobile Liability coverage with a combined single limit of \$1,000,000 and (4) Professional Liability coverage with a \$5,000,000 aggregate limit (claims made basis). Client agrees that HSH will not be liable for any



✓ loss, damage, or liability arising out of this Agreement beyond the limits of available insurance coverage.

Permits: HSH is committed to providing technical support to facilitate project progress and approval. However, there are often circumstances beyond HSH's control and responsibility that may affect a project's ability to obtain permits or necessary written approvals. Therefore, unless indicated within this proposal, HSH does not guarantee our ability to obtain any project permits or approvals from any agency having jurisdiction over the project.

Approval

Should this proposal be acceptable to you, this letter can serve as a contract by an authorized signature below and returning a copy to us. Should our understanding of the Project be incorrect or incomplete, or should you have any revisions or changes, please contact me directly and we will incorporate them as directed. Thank you for contacting HSH; we look forward to working with you.

Sincerely,

Robbie Burgess, P.E., PTOE
Associate Principal
MA License 47600

Approved in the amount of \$93,500:
Boston Transportation Department

By:

Date:

1/30/20



**Hourly Billing Rates through June 30, 2021 for
Howard Stein Hudson**

Position/Rate	Hourly/Rate
Principal/Senior Advisor	\$210 - \$350
Senior Engineer/Planner	\$155 - \$255
Engineer/Planner	\$130 - \$200
Junior Engineer/Planner	\$105 - \$170
Graphics/Production	\$100 - \$155
Co-op/Administrative Assistant	\$75 - \$140

Rates subject to annual adjustment on July 1.



TRANSPORTATION IMPROVEMENTS AT SIX LOCATIONS IN CHARLESTOWN
2020025
January 30, 2020

Table 1. Planning Level Estimate

Category	Estimated Subtotal
Design Estimate	\$93,500.00
Traffic Signals	\$147,300.00
Pavement Markings & Signage	\$10,600.00
Traffic Management	\$53,800.00
Civil/Construction	\$206,300.00
Miscellaneous (Landscape/Hardscape)	\$22,400.00
Grand Total	\$533,900.00



Charles D. Baker, Governor
Karyn E. Polito, Lieutenant Governor
Stephanie Pollack, MassDOT Secretary & CEO



January 31, 2020

Cathy Judd-Stein, Chair
Massachusetts Gaming Commission
101 Federal Street, 12th Floor
Boston, MA 02110

Re: 2020 Community Mitigation Fund Transportation Construction Project
Application

Dear Ms. Judd-Stein:

I am writing in support of the application from the City of Boston for construction costs related to the Rutherford Avenue/Lost Village Traffic Safety Project. Through this project, Boston seeks to:

- improve pedestrian connections and safety to MBTA transit stations and the Charlestown community
- decrease traffic congestion
- protect Main Street from cut-through traffic
- create public and open space
- provide opportunities for appropriate development, and
- provide bicycle connections.

These goals are solidly aligned with the Boston Region Metropolitan Planning Organization's evaluation criteria for the Transportation Improvement Plan for the, with regard to 1) system preservation and modernization; 2) safety; 3) clean air and sustainable communities; 4) capacity management and mobility; 5) economic vitality; and 6) transportation equity.

Funding from the Massachusetts Gaming Commission will effectively leverage local, state and federal investments in the community impacted by the Encore Boston Harbor Hotel and Casino. Your favorable consideration of this request will greatly advance Boston's efforts to improve transportation in the region.

Sincerely,

David J. Mohler
Executive Director
Office of Transportation Planning

cc: Bill Conroy, City of Boston
John Ziemba, Mass Gaming Commission

