



City of Newport

REQUEST FOR CITY COUNCIL ACTION

To: Mayor Henry F. Winthrop & Members of the City Council
From: Jane Howington, City Manager *Jane H.*
Date: December 3, 2012
Subject: Broadway Streetscape – Back-In Angle Parking
Staff Presentation: Interdepartmental Traffic Committee (ITC)

RECOMMENDATION:

For angle parking in the Broadway Streetscape project to remain as designed: front-in angle parking.

BACKGROUND AND FINDINGS:

During the preliminary design of the Broadway Streetscape Project, City staff asked the design team to investigate the feasibility of implementing back-in angle parking. The report provided by Louis Berger Group (LBG) ultimately recommends that angle parking should remain as-is.

At the request of the City Council, the ITC has reviewed the Broadway Streetscape Improvement Project Back-In Angle Parking Report, prepared by LBG for the City. Here is a summary of that report’s findings:

- The accident data on Broadway over the previous 9 years and 9 months, has provided only a very few (correctable) angle parking accidents (about 2.5 per year average). As such, this historical accident information appears to be insufficient justification to “mandate” a design change.
- The main issue the ITC is concerned about is public acceptance, especially from the elderly and other who will have either a perceived or real difficulty backing-in. This may also affect tourists who would be unfamiliar with this relatively new concept.
- There were recent installations in Brunswick, ME and Plattsburg, NY, where the back-in angle parking received a considerable amount of negative publicity and was eventually reversed.

The ITC adds that the more traditional angle parking exists further down the roadway in Washington Square, which could amplify the confusion of the back-in angled parking along Broadway.

In addition to the ITC’s review, staff requested the design team, Louis Berger Group, Inc., to submit a contract amendment on the redesign of the angle parking. Cost for this is estimated at \$49,479.00

PREVIOUS LEGISLATIVE ACTION

FISCAL IMPACT

Currently Budgeted (Account _____) Requires additional appropriation No Fiscal Impact

SUPPORTING DOCUMENTS

Contract Amendment

Finance Dept Review: _____ Date By: _____ (if applicable)



THE Louis Berger Group, INC.

November 27, 2012

Mr. William R. Riccio, Jr., P.E.
Director of Public Services
City of Newport
280 Spring Street
Newport, RI 02840

RE: Broadway Streetscape Improvement Project #11-054
Contract Amendment No. 1 – Reverse Angle Parking

Dear Mr. Riccio,

At the City's request, The Louis Berger Group, Inc. (LBG) has prepared a cost proposal to revise the angle parking design for the Broadway project. If so instructed by the City, the LBG Design Team will modify the current forward (head-in) angle parking design with the concept known as reverse or back-in angle parking. Enclosed herewith is the scope and fee for the LBG team to perform this redesign.

This modification would require redesign of the western side of Broadway, from Farewell Street to Equality Park Place, a distance of approximately 1600 feet. The western side of the roadway contains the majority of the traffic calming devices, landscaping opportunities and stormwater treatment elements that were incorporated in the project design. As such, this modification to the project will result in substantial redesign affecting most disciplines, i.e. roadway design, landscaping design, street lighting and utility design, stormwater design and traffic design.

As far as schedule implications, it will require approximately 4 weeks from the notice to proceed with these changes to complete the resubmission of PS&E plans, Distribution of Quantities, Construction Cost Estimate and Contract Specifications. The review of these plans by RIDOT may require additional time as reverse angle parking is a relatively new concept in urban roadway design. In addition to the construction documents, a resubmission of the Stormwater Management Plan to RIDEM will be required.

Please do not hesitate to contact James Capaldi at jcapaldi@louisberger.com or (401) 415-9441, Michael Worhunsky at mworhunsky@louisberger.com or (781) 707-7474, or myself at aalzaim@louisberger.com or (781) 707-7444 if you have any questions regarding this amendment.

Very truly yours,
THE Louis Berger Group, INC.

Aboud J. Alzaim, P.E.
Vice President, New England Division

Attachments



BROADWAY STREETSCAPE IMPROVEMENT PROJECT #11-054 NEWPORT, RI

Amendment No. 1

Scope of Services for Revising Final Design with Reverse Angle Parking
November 27, 2012

SCOPE OF SERVICES

The City of Newport Department of Public Services has requested this proposal should the City decide to proceed with the concept known as reverse angle parking, or back-in angle parking for the Broadway Streetscape Project. The Scope of Services to be provided by The Louis Berger Group, Inc. (LBG) under Amendment No. 1 will include modifying the roadway and landscaping design contained within the project's PS&E plans and contract documents. At present, the design incorporates forward (head-in) angle parking along the westerly side of Broadway from Farewell Street to Equality Park Place, or approximately 1600 linear feet of roadway. The concept of reverse angle parking had been reviewed in the early stages of this project, including LBG's submission of the "Broadway Streetscape Improvement Project Back-In Angle Parking Report". After several discussions and meetings between the LBG design team, Director of Planning, Zoning, Development & Inspections and the Department of Public Services, it was agreed to proceed with forward angle parking for this project.

The modification to reverse angle parking will require a resubmission of the PS&E plans, construction cost estimate and contract specifications as well as an increase in effort to prepare the final advertising documents. Details of these efforts are outlined below:

Task 3 – PS&E (Resubmission)

A resubmission of the PS&E plans, Construction Cost Estimate and Contract Specifications will be completed for the incorporation of reverse angle parking on the westerly side of Broadway from Farewell Street to Equality Park Place.

3.51 Project Management, Coordination and Presentation (64 hours)

LBG will coordinate with the City and design team to modify the plans, specifications and cost estimate. One design meeting is anticipated with the Department of Public Services. In addition, it is assumed that LBG will attend a Public Workshop to inform the business community, residents and other stakeholders of the significant change to the project. LBG will prepare a PowerPoint presentation for this workshop.

3.52 Utilities & Lighting (20 hours)

The Utility plans will be reviewed along the proposed reverse angle parking area from Farewell Street to Equality Park Place. This includes review and update of the utility content on the Drainage & Utility Plan* as well as the street lighting design contained on the Lighting Plan*. Anticipated changes include catch basin and drain pipe adjustments, disposition of existing utility appurtenances, redrafting of notes and relocation of streetlight poles and/or bollards arising from changes to curb layout and wheelchair ramp configurations.

* Sheets 1-3



3.53 Highway Plans (86 hours)

The highway plans will be reviewed along the proposed reverse angle parking area from Farewell Street to Equality Park Place. This includes review and update of the content on the Cover Sheet, General Plans*, Grading Plans*, Location Plans* and applicable Cross Sections. Anticipated design changes include curb layout and alignment, wheelchair ramp design and grading changes around bump outs including new gutter profiles to establish elevations for proper drainage. Redrafting of plan callouts will be required to avoid text overlaps. Analysis of truck turning movements will be required for geometrical changes to bump outs at the intersecting roadways.

* Sheets 1-3

3.54 Traffic Plans (40 hours)

The traffic plans will be reviewed along the proposed back-in parking area from Farewell Street to Equality Park Place. This includes review and update of the content on the Sign & Pavement Marking Plan*, Sign Summary (Sheet 1) and Maintenance and Protection of Traffic Plan (where necessary). Anticipated changes include redesign of parking space and transverse striping as well as locations of proposed signage (including review and addition of necessary signage for back-in parking). Dimensions and callouts on the sign and pavement marking plans will need to be redrafted.

* Sheets 1-3

3.55 Contract Specific Documents (44 hours)

The PS&E Construction Cost Estimate, Distribution of Quantities and Contract book will be reviewed as they relate to the proposed reverse angle parking area from Farewell Street to Equality Park Place. For those items of work affected, the quantities will be recalculated and the construction cost estimate and contract documents including bid proposal forms will be revised accordingly.

3.56 Wetland & Water Quality Permitting (25 hours)

The Stormwater Management Plan and Application will need to be updated and resubmitted to RIDEM reflecting the changes in drainage patterns, catch basin locations and modifications to any of the LID technologies as a result of the revised curbing layout. This will include modifications to the RIPDES NOI, SWPPP and O&M sections as appropriate.

3.57 Stormwater Management and Design (16 hours)

The Drainage plans will be reviewed along the proposed reverse angle parking area from Farewell Street to Equality Park Place. This includes review and update of the stormwater content on the Drainage & Utility Plan*. Anticipated changes include catch basin and drain pipe adjustments and LID modifications. Redrafting of plan callouts will be required to avoid text overlaps.

* Sheets 1-3

3.58 QA/QC Review (24 hours)

LBG will perform a full quality control and assurance review of the plans and contract specific documents for the resubmission of the PS&E deliverables to the City and RIDOT.



Task 4 – Advertising

4.51 Additional Effort to Complete Bid Documents (38 hours)

It is anticipated with the modification of the roadway design to reverse angle parking at the PS&E level will result in additional review comments from the reviewing agencies than is typical at this stage of the design process. This is a result of the reviewers seeing this design change for the first time on this project, and possibly the first time in their professional careers. Responding to these comments and making additional plan and contract document changes will require additional effort to complete the Bid Document package then was contained within the original scope.

AMENDMENT No. 1 FEE SUMMARY:

City of Newport, Rhode Island		
Broadway Streetscape Improvement Project #11-054		
Amendment No. 1 Task and Fee Summary - November 27, 2012		
TASK SUMMARY	LBG TOTAL COST BY TASK	GLA TOTAL COST BY TASK
3 PS&E RESUBMISSION	\$37,347.00	\$6,360.00
4 ADVERTISING	\$4,447.00	
	SUBTOTAL	\$6,360.00
	Direct Expenses:	\$1,325.00
	TOTAL	\$6,360.00
	AMENDMENT NO. 1 TOTAL =	\$49,479.00



6 Blackstone Valley Place
Lincoln, RI 02865

Client Authorization

New Contract

Date: November 26th, 2012

Amendment No.01

Project
No:
12.04346

Project Name:

Broadway Streetscape Improvement Project
Newport, Rhode Island

To: **The Louis Berger Group, Inc.**
Mr. James Capaldi
17 Kendrick Street
Suite 400
Needham, Ma. 02494

Fee
\$6,360.00

Total Project
Base
\$42,874.04

Ammend. 01
\$6,360.00

Total
\$49,144.04

Phone: 781.707.7474

E-Mail:

jcapaldi@louisberger.com

As Requested By:
MWorhunskv

Fixed Fee Time & Exnenses

Cost + Fixed Fee Other

Date: 11.26.2012

Estimated Date of Completion: Work
described to be completed by the end of

Scope of Services:

GLA/BETA Group, Inc., Inc. (GLA/BETA) will provide urban design and landscape architectural design services to the Louis Berger Group also known as LBG (Client) in support of preparing the Broadway Streetscape Improvement Project for the City of Newport (OWNER) in support of the Implementing the modifications to the plans and estimate as listed below.

Task | Plans

1. We understand that the OWNER has requested a design proposal to modify the PS&E Plan submission, to incorporate reverse angle parking along the western curb-line of the project.
2. The modifications required will affect approximately 2000 linear feet of the project (Sta. 10+50 – 30+50) and will impact bump-outs, and thus planters, stormwater treatments, bio swales, tree pit filtration areas, paving systems, and site furniture as well possibly the wheelchair ramp locations and tree pits.
3. It is anticipated the change will require modifications adjoining sidewalks, with regard to surfacing, pervious or parking aisle pavers, pavement scoring, accent cobblestone bands, concrete pavers, planters, tree pits, exposed aggregate concrete, site furniture and stormwater quality bio-engineered features such as Urban Bio Swale #1.

Two originals of this Authorization need to be executed. One original needs to be forwarded to Accounting.

Task I continued:

4. We understand that LBG will address creating the new curb-line alignment. As before GLA will comment and refine the curb-line, to maintain pedestrian circulation objectives and will work in conjunction with LBG to incorporate the necessary alignment, grading and drainage changes to ensure the urban design features and the stormwater treatment systems function.

5. The breakdown of the total effort for Task I is as follows:

PM/SLA \$140.00	16	\$2,240.00
LA/Tech \$ 75.00	24	\$1,800.00
TOTAL TASK I		\$ 4,040.00

Task II Estimate

1. Based on the final revised curb-lines, planter areas and sidewalks, GLA will recalculate, revise and update the quantity takeoffs for the items carried in the PS&E plan set.

2. We will coordinate the take-off work with LBG and develop updated cost estimate that will be provided with the PS&E submission.

3. The breakdown of the total effort for Task II is as follows:

PM/SLA \$140.00	4	\$ 560.00
LA/Tech \$ 75.00	8	\$ 600.00
TOTAL TASK II		\$ 1,160.00

Task III

1. GLA will prepare an updated overall roll plan, depicting the entire project. This plan will be rendered and will be suitable for use at a Public Meeting. GLA will prepare boards with color photographs, images, plan detail and cross sections as necessary to foster understanding of the details of the project in regard to stormwater and the Urban Design features.

2. GLA will attend one (1) Public Workshop and present the Urban Design elements of the plan in detail, in support of LBG.

3. The breakdown of the total effort for Task III is as follows:

PM/SLA \$140.00	6	\$ 840.00
LA/Tech \$ 75.00	12	\$ 900.00
TOTAL TASK II		\$ 1,160.00

FEE TOTAL :	TOTAL HOURS	70	\$ 6,360.00
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CLIENT and OWNER FURNISHED INFORMATION

In the performance of these services, GLA/BETA will coordinate its efforts with the interests and those of CLIENT and OWNER. The CLIENT shall provide GLA/BETA with project-related technical data including, but not limited to, the following:

- Current CAD drawings addressing alignment and other related x-references.
- Any additional documents that may have relevance and facilitate this change.
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GLA/BETA will rely upon the accuracy and completeness of client-furnished information in connection with the performance of services under this Agreement.

SERVICES NOT INCLUDED

Services not covered under this Agreement include:

- Hard Copy Plans and Photos/Details beyond one (1) set as prepared for one (1) Public Workshop.
- Attendance at meetings beyond those listed. Additional meetings will be billed on a time and materials basis.

Prepared By: Arek W Galle RLA, AICP Department Approval: Landscape Architecture

Please execute this Client Authorization for GLA/BETA Group, Inc. to proceed with the above scope of services at the stated estimated costs. No services will be provided until it is signed and returned to GLA/BETA.

Subject to attached terms & conditions.

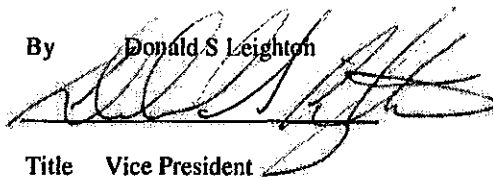
Subject to terms & conditions of our Original Agreement dated _____.

GLA/BETA Group, Inc. Authorization

Client Authorization (Please sign original and return)

By Donald S Leighton

By James Capaldi



Title Vice President

Title Louis Berger Group Inc.

Date November 26, 2012

Date _____

Two originals of this Authorization need to be executed. One original needs to be forwarded to Accounting.