

October 7, 2016

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATION  
DEPARTMENT OF ADMINISTRATION

DIVISION OF PURCHASES BID NO. 7550967

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

RHODE ISLAND CONTRACT NO.2016-CB-062

FEDERAL-AID PROJECT NO. FAP Nos: 405-421-780

**Providence Area Bridges Nos. 1080, 1082 (56B)**

Interstate 195 at South Main Street; Interstate 95 at Clifford Street, Ramp WS

CITY/TOWN OF Providence

COUNTY OF PROVIDENCE

NOTICE TO PROSPECTIVE BIDDERS

ADDENDUM NO. 1 Prospective bidders and all concerned are hereby notified of the following changes in the Plans, Specifications, Proposal and Distribution of Quantities for this contract. These changes shall be incorporated in the Plans, Specifications, Proposal and Distribution of Quantities, and shall become an integral part of the Contract Documents.

**A. Proposal Addition/Deletion**

1. Proposal Page P-8

Delete Proposal Page P-8 in its entirety and replace it with Proposal Page P-8(R-1) attached to this Addendum No. 1. The Addendum Date has been added. All Proposal pages will be generated by the Quest Lite Program.

**B. Contract Documents**

1. Pages CS-3 and CS-4

Delete pages CS-3 and CS-4 in their entirety and replace them with pages CS-3(R-1) and CS-4(R-1) attached to this Addendum No. 1. Paragraph 5 has been revised.

2. CS Appendix A, Page 8

Delete CS Appendix A, Page 8 in its entirety and replace it with Appendix A, Page8(R-1) attached to this Addendum No. 1. RIC No. 2016-CB-059 has been added to the list of projects in the vicinity of this project.

**C. Specification Change/Addition**

1. Pages JS-4

Delete page JS-4 in its entirety and replace it with page JS-4(R-1) attached to this Addendum No. 1. Paragraph 2 has been revised.

2. Pages JS-15 and JS-16

Delete pages JS-15 and JS-16 in their entirety and replace them with pages JS-15(R-1), JS-16(R-1) and new page JS-16a attached to this Addendum No. 1. The entire specification has been revised. The revision required the addition of a new page.

3. Pages JS-36 and JS-37

Delete pages JS-36 and JS-37 in their entirety and replace them with pages JS-36(R-1), and JS-37(R-1) attached to this Addendum No. 1. The Description has been revised. The Construction Methods have been revised.

**D. Distribution of Quantities**

1. DOQ Page 5

Delete DOQ page 5 in its entirety and replace it with DOQ pages 5(R-1) and new page 5a attached to this addendum No. 1. Item Codes 914.5010 and 914.5020 have been revised. The revision required the addition of a new page.

2. DOQ Page 11

Delete DOQ page 11 in its entirety and replace it with DOQ pages 11(R-1) and new page 11a attached to this addendum No. 1. Item Code 924.0113 has been revised. The revision required the addition of a new page.

3. DOQ Page 13

Delete DOQ page 13 in its entirety and replace it with DOQ pages 13(R-1) and new page 13a attached to this addendum No. 1. Item Code 928.9901 has been revised. The revision required the addition of a new page.

  
RI Department of Transportation *Fil*  
Administrator, Division of Project Management

Revised: 2/19/2002

Total or gross sum of bid for Rhode Island Contract Number: 2016-CB-062

Federal-Aid Project Number(s): 405-421-780

WRITTEN IN WORDS:

The undersigned bidder declares that this Proposal is made without connection with any other person or persons making proposals for the same work, and is in all respects fair and without collusion or fraud. The undersigned bidder submits herewith, a proposal guarantee in the form of a bid bond in favor of the State of Rhode Island in the amount of 5% of the total or gross sum of the bid and agrees and consents that the proposal guarantee shall be forfeited to the State as liquidated damages if the required contract agreement and contract bond are not executed within ten(10) days of the notice of award. All surety companies must be listed with The Department of the Treasury, Fiscal Services, Circular 570, (Latest Revision published by The Federal Register). The State reserves the right to retain the surety of all bidders until the successful bidder enters into the Contract or until such time as the award or cancellation of the Contract is announced at which point Sureties will be returned to all bidders by the State of Rhode Island, Office of Purchases. The undersigned bidder further agrees, if awarded the contract on this proposal, to begin work within ten (10) calendar days after the date of execution of the contract unless otherwise specified under special provisions or permitted by the Engineer, and further agrees to complete the work on or before the dates outlined in the Contract Documents.

**COMPLETION DATE(S)**

<b>DESCRIPTION</b>	<b>DATE</b>
Substantial Completion Date	November 1, 2017
Bid-Opening Date	October 14, 2016
Advertise Date	September 23, 2016

**THE BIDDER ACKNOWLEDGES RECEIPT OF THE FOLLOWING:**

<b>ADDENDA</b>	<b>DATE POSTED</b>	<b>DOCUMENT(S)</b>	<b>PAGE</b>
NO.1	October 7, 2016	1. Status Certification for: Debarment, Eligibility, Indictments, Convictions or Civil Judgements	1
		2. Anti-Collusion Certificate	2
		4. DBE Affirmative Action Certification	3 - 9
		3. Disclosure of Lobbying Activities	

#### 4. UTILITY AND MUNICIPAL NOTIFICATION AND COORDINATION:

The Contractor shall contact DIG SAFE (1-888-344-7233) prior to commencing with construction. Note that DIG SAFE does not locate all utilities and does not locate lighting and intelligent transportation systems (ITS) conduit. Contractor shall note that there is an extensive network of highway lighting and ITS conduit on the interstates throughout the project. Specifically, there are conduits that need to be maintained in the parapet to be demolished on both sides of Ramp WS.

There is no private or public utility work anticipated in this contract.

#### 5. COORDINATION WITH OTHER CONTRACTORS AND UTILITY COMPANIES:

The Contractor is advised that other construction will be taking place in the area, and it will be the responsibility of the Contractor to coordinate his work so that it will be completed in a timely manner. The Contractor shall positively coordinate with the following contracts;

##### **RIDOT Contracts:**

2013-CH-050, South Main Street ADA Accessibility Improvements  
 2014-CB-0XX, Improvements to I-195, Providence River Bridge Guardrail System Repairs Contract  
 2016-CB-038, Improvements to I-195, Contract 16, Providence River Pedestrian Bridge  
 2016-CB-033, Repairs to Ramp EI Bridge No. 1083  
 2017 –CH-0xx, Improvements to I-195, Contract 17, East and West Parks  
 2016-CB-059, Rehabilitation of Washington Bridge North No. 700

##### **Other Contracts**

South Street Landing Project

**South Main Street ADA Accessibility Improvements** includes reconstruction of sidewalks on South Main Street from James Street north to Smith Street. Work is on-going. Parking and Travel Lanes will be closed.

**Providence River Bridge Guardrail System Repairs** includes on-going work on both sides of each direction of the Providence River Bridge to repair guardrails. Lane and shoulder closures are expected.

**Contract 16** includes construction of a pedestrian bridge over the Providence River. Work is expected to start in late 2016 and continue through 2018.

**Contract 17** includes construction of waterfront parks on the east and west sides of the Providence River through the former I-195 right-of-way. Work is expected to start in late 2017 and continue through 2019.

**Repairs to Ramp EI** includes construction on Ramp EI (Exit 2 from I-195 Eastbound). Lanes will be closed intermittently.

**South Street Landing Project** includes construction at the property along Eddy Street to the south of the Providence River Pedestrian Bridge. A lane on Eddy Street is closed.

**Rehabilitation of Washington Bridge North No. 700** includes superstructure and deck repairs. Long term lane and ramp closures are proposed.

## 6. SEQUENCE OF CONSTRUCTION

Approval of the work sequence and time schedule is required before the start of any work associated with this contract. The proposed sequence and time schedule must consider the following;

- A. The requirements of the Transportation Management Plan (TMP), Section 7 and safe vehicle, pedestrian and bicycle passage through the project
- B. All requirements set forth in the various Rhode Island Department of Environmental Management and Coastal Resources Management Council permits, approvals, and Assents as appropriate. See attached appendices for permit specifics.

### C. HOLIDAY WORK SCHEDULE

Work will not be allowed on the following holidays:

New Year's Day	Martin Luther King Jr Day
Memorial Day	Independence Day
Victory Day	Labor Day
Columbus Day	Veteran's Day
Thanksgiving Day	Christmas Day

No work that impacts traffic is to be performed on the Wednesday through Sunday of Thanksgiving week in any calendar year.

Any deviations from the requirements stated here or detailed in these specifications, as well as any deviations from the approved construction work sequence and time schedule, must be submitted to the Engineer, in writing for review and approval.

- D. The Contractor shall note the schedule required by compilation of approved specifications for code 108.03 of the standard specifications is a Level A schedule.
- E. The work described below shall be completed and in service, prior to the Completion date shown in Special Provision 108.1000 Prosecution and Progress. The completion dates anticipate the use of multiple work shifts and activity on both weekdays and weekends. The scope of work for the completion dates referred to in the contract documents, including code 108.1000 Prosecution and Progress, is as follows:
  - a. Ramps WS - The work on Ramp WS shall be complete by the date shown in Special Provision 108.1000. The work shall include all riding surface repairs, parapet repairs, and final pavement markings.

## General Project Schedule & Construction Sequence\*

Anticipated project schedule is from April 2017 to November 2017

Work on I-195 EB and WB is in five (5) phases. One lane at a time in each direction behind barrier. Lanes will be shifted and/or split. All lanes to remain open during daytime. The entire duration is limited to 60 calendar days.

Work on Ramp WS is in two (2) phases. Phase 1 is right shoulder behind barrier (all lanes open). Phase 1A is right shoulder and right travel lane behind barrier with a 56 hour weekend lane closure. Phase 2 is left shoulder behind barrier (all lanes open). Phase 2 A is left shoulder and left travel lane behind barrier with a 56 hour weekend lane closure. The entire duration for Ramp WS is limited to 60 calendar days.

Work on Clifford Street Bridge Deck over I-95 will require closing the bridge over weekend(s).

Work on Clifford Street Bridge superstructure from I-95 will require several nighttime (9 PM to 5 AM) lane closures.

\*The information in this section is not intended to and shall not supersede the approved schedule and milestone/completion dates for the project.

<b>OTHER ACTIVITIES IN PROJECT VICINITY WITH POTENTIAL FOR CAUSING SIGNIFICANT CUMULATIVE IMPACTS</b>	
ACTIVITY	DETAILS / DATES / LOCATIONS
<b>RIC 2016-CB-033 - Repairs to Ramp EI Bridge 1083</b>	Ramp from I-195 EB to India Street (Exit 2) concurrent with this contract
<b>Providence River Bridge Guardrail Repairs</b>	I-195 Providence River Bridge - Outside shoulders closed both directions.
<b>I-95 Southbound Providence Viaduct</b>	I-95 Southbound Providence Viaduct
<b>RIC 2016-CB-059 Rehab. of Wash. Brg. North No. 700</b>	Superstructure and Deck Repairs, Lane and Ramp Closures concurrent with this contract

Compilation of Approved Specifications  
 Supplement No. 6  
 RIC 2016-CB-062  
 Date: 9/19/2016

### Job Specific

#### CODE 108.1000 PROSECUTION AND PROGRESS

In accordance with Section 108.08, Failure to Complete on Time, a., Phased and Interim Completion the following defines the Phase and interim Completion Dates and Associated Liquidated Damages:

1. Completion Date for all work (phases 1, 1A, 2 & 2A) on Ramp WS: 60 Calendar Days after temporary precast barrier is first placed on Ramp WS

Liquidated Damages: \$ 550.00 per calendar day.

- 1a. All work on Ramp WS phases 1A and 2A shall be completed in two separate weekends over 56 continuous hours from 9 PM Friday night to 5 AM Monday morning.

Liquidated Damages: \$ 500.00 per hour.

2. Completion Date for all work on I-195 (phases 1 to 5) at Providence River Bridge and South Main Street East Abutments (includes both directions): 60 Calendar Days after temporary precast barrier is first placed on I-195

Interim Completion Date: April 30, 2017

All work and traffic control(s) that requires the use of the proposed detour to I-195 EB, Exit 4 (Phase 2 as shown on the plans) shall be complete and removed.

Liquidated Damages: \$ 3000.00 per calendar day.

3. Completion Date for Clifford Street Bridge Deck: 30 Calendar Days after work starts on the bridge deck and joints.

Liquidated Damages: \$ 550.00 per calendar day.

4. Substantial Completion: November 1, 2017

Liquidated Damages: \$ 1200.00 per calendar day.

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**ITEM CODE 601.9901  
 CONCRETE STRUCTURE HIGH EARLY STRENGTH CONCRETE**

**DESCRIPTION**

The work included under this code shall consist of forming, placing, curing and finishing High Early Strength High Performance (HP) concrete bridge deck joint, barrier, moment slab, approach slab and for roadway concrete pavement, at the locations and to the dimensions as detailed in the contract drawings. The work shall also include all required falsework necessary to support the formwork to construct the concrete structures as detailed in the contract drawings or as directed by the Engineer.

**MATERIALS**

The materials to be used under this item code shall include the following:

**Concrete:** All aggregate, cement, mineral admixtures, chemical admixtures, water and concrete shall conform to Part 600 of the Rhode Island Standard Specifications for Road and Bridge Construction.

Concrete for the bridge deck joints, concrete barrier, moment slab, approach slab, and concrete pavement shall be High Early Strength High Performance Portland Cement Concrete that conforms to the requirements of Class HP concrete from Section 601 of the Rhode Island Standard Specifications for Road and Bridge Construction, and the additional requirements of this specification.

**Mix Design Procedure:**

Approval of the concrete mix shall be in accordance with Section 601 of the Rhode Island Standard Specifications for Road and Bridge Construction. The proportioning of ingredients for High Early Strength Class HP concrete shall be as approved by the Engineer and as specified herein. High Early Strength Class HP concrete may be modified by either chemical admixtures, mineral admixtures or both as required to obtain the concrete characteristics listed in Table 1 below. The Maximum Cement Factor limit from Table 2 of Section 601.03.1 has been waived for this project, the cement ratio of mix design shall be submitted to the Engineer for approval.

**TABLE 1 – Class HP Concrete**

	Min. Strength prior to open to traffic	28-Day Strength (min.)
Ramp Pavement concrete	2500 psi	5000 psi
All other concrete	3500 psi	5000 psi

- A. The Contractor shall design and submit to the Engineer for approval a high early strength concrete mix. This mix shall be air-entrained, and composed of Portland cement, fine and coarse aggregates, approved admixtures and additives, and water.
- B. In lieu of the above high early strength concrete mix, the Contractor may propose the use of a proprietary type mix that will meet the same physical requirements as those stated above. A mix design shall be submitted for this material, stating the percentage of each component to be utilized.
- C. Regardless of the type of high early strength concrete proposed by the Contractor, substantive data that demonstrates the ability of the material to meet the specification requirements shall be submitted with the proposed mix design at least EIGHT (8) weeks prior to its use. The submittal shall include curing procedure and placement methods.
- D. No shrinkage testing will be required.

Contractor shall submit the mix design, curing procedure and placement method to the engineer for approval eight (8) weeks prior to commencement of the concrete construction work.

## **CONSTRUCTION METHODS**

All equipment, tools and requirements pertaining to the production, placement, curing, and finishing of High Early Strength Portland Cement Concrete, shall be in accordance with Parts 601 and 808 of the Rhode Island Standard Specifications for Road and Bridge Construction except as modified herein.

Mixing, Placing, and Finishing: Mixing and placing concrete shall be done in accordance with the applicable portions of Standard Specification 601. Mixing and placing shall not be executed unless the ambient temperature is above 40 degrees F. and rising.

Finishing may be done by hand provided the required profile grade is attained and surface finish of the concrete itself is in accordance with Rhode Island Standard Specifications.

Curing: Curing of concrete shall be wet curing in accordance with Standard Specification 601.

Handling and Placement: The Contractor shall be advised that High Early Strength concrete may result in an accelerated initial concrete set. The Contractor shall take proper precautions to conduct all of the handling, testing, placement, finishing and curing of concrete before concrete initial set. Concrete that has attained initial set prior to placement will be discarded at no cost to the

Department. During concreting operations in hot weather, the Contractor shall take measures with the approval of the Engineer, to reduce hazards such as, increased rate of cement hydration, flash set, loss of water due to evaporation, high concrete ingredient temperatures, and the increased difficulty of concrete placing and finishing. Any concrete admixture modifications proposed by the Contractor must be submitted in writing to the Engineer for approval.

**METHOD OF MEASUREMENT AND BASIS OF PAYMENT**

This cost for this item shall be incidental to items 501.9901, 808.9910, 818.9901, 823.9901, 823.9902 and 823.9903

No separate payment shall be made for this item.

S:\PROJECTS\1195FD\DESIGN\Clean up Contracts\Clean up Contract 2016\Specifications\808.9901 Concrete Structure High Early Strength HP Concrete.doc

**CODE 836.9910**

**STRUCTURAL CONCRETE CRACK SEAL  
BY GRAVITY SATURATION**

**DESCRIPTION:**

The work of this section shall consist of surface preparation, furnishing of the specified materials, grouting of cracks by gravity saturation with an epoxy resin based adhesive, and restoration of surfaces following completion of repairs. The crack sealing work shall take place on the concrete wearing surface and sidewalk surfaces of the Clifford Street Bridge and on the exposed riding surface of the Ramp WS repairs (approach slabs, ramp pavement, etc.) as noted on the Contract Drawings. Further, it shall include furnishing of all labor, equipment, materials, and incidentals necessary to render the work of this section complete.

The work shall be performed in accordance with these Special Provisions, the contract drawings, and applicable portions of the Rhode Island Standard Specifications - Section 817 "Repairs to Structural Concrete Masonry", Section 818 "Portland Cement Concrete Bridge Deck Repair", and, where applicable, Section 836 "Structural Concrete Crack Repair by Epoxy-Resin Based Adhesive Injection," and as directed by the Engineer.

**SUBMITTALS:**

All products submitted for use shall be listed in the Department's Approved Materials List for Transportation Construction Projects. The Contractor shall submit its recommended product(s) and its means and methods procedure(s) for accomplishing the work.

The contractor shall submit written documentation outlining the supervisor's experience. The supervisor shall have a minimum of three comparable projects within the last five years.

**MATERIALS:**

The methacrylate crack sealer shall consist of a high molecular weight low viscosity methacrylate monomer. The methacrylate material shall, as a minimum, provide the following as applied properties:

Property	Value	Test
Viscosity	< 25cps	ASTM D2393
Bond Strength	>1500 psi	ASTM C882
Tensile Elongation	> 3%	ASTM D638

**CONSTRUCTION METHODS:**

Prior to embarking on the crack sealing work the Contractor shall be responsible to design, furnish, fabricate, and erect temporary shielding or protective barrier, and traffic control to contain and collect the debris from the surface preparation, and prevent it from affecting the active traffic on the bridge or traffic below the bridge. All temporary shielding, protective barrier, and traffic control shall be adequately maintained by the Contractor during the full term of its use and need. All costs associated with the temporary shielding, and protective barrier shall be included under the payment for this item. All costs associated with traffic control shall be paid for under normal traffic control pay items.

Bridge Deck Preparation: Before crack sealing operations, the Contractor shall repair cracks larger than .02" (.50mm) with epoxy-resin base adhesive injection in accordance with Section 836 - STRUCTURAL CONCRETE CRACK REPAIR BY EPOXY-RESIN BASE ADHESIVE INJECTION of the Rhode Island Standard Specifications. Crack sealing by gravity saturation under this Item Code (836.9910) shall not begin until all epoxy repaired cracks are repaired and all materials associated with epoxy crack injection are removed to the satisfaction of the Engineer.

Surface Preparation: Shall be per the manufacturer's recommendations. Additionally, before sealing, the concrete must be clean, sound, and free of any contaminants and surface moisture. Any other surface contaminants shall be removed per the manufacturer's recommendations. Once all concrete surface contaminants are removed, the concrete shall be swept clean and blown off using oil-free compressed air immediately prior to applying the sealer.

The exposed riding surface of the Ramp WS repairs (approach slabs, ramp pavement, etc.) shall be sealed by gravity saturation two (2) months after completion of all the concrete repair work (i.e. after completion of Phase 2A). Completion shall be defined for this item as all repair concrete attaining the strength required as indicated in Table 1 of Item Code 601.9901.

Crack sealing materials shall be applied by skilled applicators under a supervisor with proven successful experience in applications with a similar scope of work. All crack sealing materials shall be applied strictly in accordance with the manufacturer's instructions within the allowable ambient temperature range restrictions. If a heated enclosure is used to accomplish this, the heating units shall be properly vented to the outside of the enclosure to prevent products of combustion from exhausting within the enclosure.

Surfaces adjacent to cracks or other areas of application shall be cleaned of dirt, dust, grease, oil, efflorescence, or other foreign matter that could be detrimental to the bond of the material and the concrete. Remove all loose debris. The substrate shall be dry prior to product application. Damp, wet, or saturated concrete or standing water will not be allowed.

**Distribution of Quantities**

Project Name - Providence Area Bridges Nos. 1080, 1082 (56B)  
 Estimate Name - Addendum No. 1  
 R.I. Contract No. - 2016-CB-062  
 FAP Nos: 405-421-780

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
018	914.5010 Cont.	1 FULL TIME FLAGGER (2 WEEKS)		100.00	0014	01
		I-195 EASTBOUND				
		1 FULL TIME FLAGGER HALF TIME		300.00	0014	01
		I-195 WESTBOUND				
		1 FULL TIME FLAGGER HALF TIME		300.00	0014	01
		MISC BRIDGE REPAIRS				
		ADD 10% AS NEEDED		110.00	0014	01
		RAMP PN CLOSURES				
		1 FLAGGER X 5 TIMES X 8 HRS		40.00	0014	01
		RAMP WS				
		1 FULL TIME FLAGGER HALF TIME		250.00	0014	01
		CONCRETE SEALING 2 FLAGGERS		32.00	0014	01
		X 2 NIGHTS X 8 HRS				
<b>Item 914.5010 Total:</b>				<b>1,132.00</b>		
019	914.5020	<b>FLAGPERSONS - OVERTIME</b>	<b>MHRS</b>			
		CLIFFORD ST REPAIRS				
		CLIFFORD ST		10.00	0014	01
		I-195 EASTBOUND				
		EASTBOUND		30.00	0014	01
		I-195 WESTBOUND				
		WESTBOUND		30.00	0014	01
		MISC BRIDGE REPAIRS				
		ADD 10% AS NEEDED		11.00	0014	01
		RAMP PN CLOSURES				
		RAMP PN		4.00	0014	01
		RAMP WS				
		1 FULL TIME FLAGGER		25.00	0014	01
		CONCRETE SEALING (2 FLAGGERS		4.00	0014	01
		X 2 NIGHTS X 1 HRS				
<b>Item 914.5020 Total:</b>				<b>114.00</b>		
020	916.0600	<b>SHOCK ABSORBING BARRIER MODULES</b>	<b>GRP</b>			

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 FAP Nos: 405-421-780

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
020	916.0600 Cont.	I-195 - REPLACEMENT QTY				
		EASTBOUND / WESTBOUND		4.00	0014	01
		I-195 EASTBOUND - PHASE 1				
		181+00 RT		1.00	0014	01

## Distribution of Quantities

Project Name - Providence Area Bridges Nos. 1080, 1082 (56B)

Estimate Name - Addendum No. 1

R.I. Contract No. - 2016-CB-062

FAP Nos: 405-421-780

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
026	924.0113	Cont.				
		NB: 10 CLOSURES X 2 FAB		20.00	0014	01
		SB: 10 CLOSURES X 2 FAB		20.00	0014	01
		I-95 SINGLE LANE CLOSURES				
		NB: 5 CLOSURES X 1 FAB		5.00	0014	01
		SB: 5 CLOSURES X 1 FAB		5.00	0014	01
		RAMP SE LANE CLOSURES				
		6 CLOSURES X 2 FAB		12.00	0014	01
		RAMP WS				
		CONCRETE SEALING (LANE CLOSURES)		2.00	0014	01
		PHASE 1		30.00	0014	01
		PHASE 1 LANE CLOSURES		8.00	0014	01
		PHASE 1A		3.00	0014	01
		PHASE 2		30.00	0014	01
		PHASE 2 LANE CLOSURES		8.00	0014	01
		PHASE 2A		3.00	0014	01
				<b>Item 924.0113 Total:</b>	<b>382.00</b>	
027	925.0112	PORTABLE CHANGEABLE MESSAGE SIGN	PDAY			
		BRIDGE REPAIRS				
		ASSUME 3 FOR 6 MONTHS		550.00	0014	01
		TRAFFIC CONTROL PLANS				
		RAMP SE LT LANE CLOSURE		5.00	0014	01
				<b>Item 925.0112 Total:</b>	<b>555.00</b>	
028	926.0121	UNANCHORED PRECAST CONCRETE	LF			
		BARRIER FOR TEMPORARY TRAFFIC				
		CONTROL STANDARD 40.5.0				
		I-195 EASTBOUND				
		169+00 - 177+00		800.00	0014	01
		PHASE 1		700.00	0014	01
		PHASE 2		1,220.00	0014	01
		PHASE 3		1,220.00	0014	01

**Distribution of Quantities**

Project Name - Providence Area Bridges Nos. 1080, 1082 (56B)

Estimate Name - Addendum No. 1

R.I. Contract No. - 2016-CB-062

FAP Nos: 405-421-780

<u>Item No.</u>	<u>Item Code</u>	<u>Description</u>	<u>UM</u>	<u>Qty.</u>	<u>Pay Code</u>	<u>Seq. No.</u>
028	926.0121 Cont.	PHASE 4		1,220.00	0014	01
		PHASE 5		750.00	0014	01

### Distribution of Quantities

Project Name - Providence Area Bridges Nos. 1080, 1082 (56B)

Estimate Name - Addendum No. 1

R.I. Contract No. - 2016-CB-062

FAP Nos: 405-421-780

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
029	928.9901 Cont.	TTC INTITAIL SETUP (1 TIME X 2 TMA X 8 HRS)		16.00	0014	01
		TTC REMOVAL (1 TIME X 2 TMA X 8 HRS)		16.00	0014	01
		I-95 DOUBLE LANE CLOSURES				
		10 NB CLOSURES X 3 TMA'S X 8 HRS		240.00	0014	01
		10 SB CLOSURES X 3 TMA X 8 HRS		240.00	0014	01
		I-95 SINGLE LANE CLOSURES				
		NB: 5 CLOSURES X 8 HRS		40.00	0014	01
		SB: 5 CLOSURES X 8 HRS		40.00	0014	01
		RAMP SE LANE CLOSURES				
		6 CLOSURES X 8 HRS		48.00	0014	01
		RAMP WS				
		CONCRETE SEALING (2 LANE CLOSURES X 2 TMA X 2 NIGHTS 8 HRS		64.00	0014	01
		FINAL PVMT MARKINGS - 1 TMA X 8 HRS		8.00	0014	01
		PHASE 1 - 8 TIMES X HRS		64.00	0014	01
		PHASE 1 - TTC SETUP X 2 TMA X 8 HRS		16.00	0014	01
		PHASE 1A - TTC REMOVAL X 2 TMA X 8 HRS		16.00	0014	01
		PHASE 1A - TTC SETUP X 2 TMA X 8 HRS		16.00	0014	01
		PHASE 2 - 8 TIMES X 1 TMA X 8 HRS		64.00	0014	01
		PHASE 2 - TTC SETUP X 2 TMA X 8 HRS		16.00	0014	01
		PHASE 2A - TTC REMOVAL X 2 TMA X 8 HRS		16.00	0014	01

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<u>Item</u> <u>No.</u>	<u>Item Code</u>	<u>Description</u>	<u>UM</u>	<u>Qty.</u>	<u>Pay</u> <u>Code</u>	<u>Seq.</u> <u>No.</u>
029	928.9901	Cont. PHASE 2A - TTC SETUP X 1 TMA X 8 HRS		8.00	0014	01
<b>Item 928.9901 Total:</b>				<b>1,696.00</b>		