

April 16, 2015

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATION  
DEPARTMENT OF ADMINISTRATION

DIVISION OF PURCHASES BID NO. 7549463

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

RHODE ISLAND CONTRACT NO.2015-CH-005

FEDERAL-AID PROJECT NO. FAP Nos: RST-CLAIM(082), STP-EBBP(001)

**East Bay Bike Path Repairs 2015**

Independence Park, Bristol to Bullocks Point Bridge(E. Providence); First St to Fifth St, (E. Providence)

CITY/TOWN OF Bristol, Warren, East Providence

COUNTY OF BRISTOL, 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. Other Item Changes**

1. 905.9901 - 8-INCH PORTLAND CEMENT CONCRETE PAD  
Quest Item Added.Quantity Updated To "1.00".
2. 905.9902 - BICYCLE SHLETER FOUNDATION FOOTING  
Quest Item Added.Quantity Updated To "2.00".Description Updated To "BICYCLE SHELTER FOUNDATION FOOTING".
3. L15.9901 - PARACHUTE BICYCLE SHELTER AND BIKE RACKS  
Quest Item Added.Quantity Updated To "1.00".

**B. Contract Dates**

1. Phase 1 Completion Date  
Phase 1 Completion Date "10/30/2015" added.

**C. Specification Change/Addition**

1. General and Specific Provisions

1. Delete Index Page i in its entirety and replace it with revised Page I (R-1) attached to this Addendum No. 1. Paragraph 20 has been added.
2. Delete page CS-1, in its entirety and replace it with revised Page CS-1(R-1), attached to this addendum No. 1. Paragraphs 1, and 2 have been changed.
3. Delete page CS-2, in its entirety and replace it with revised Page CS-2(R-1), attached to this addendum No. 1. Paragraph 3 has been changed.
4. Delete page CS-6, in its entirety and replace it with revised Page CS-6(R-1), attached to this addendum No. 1. Paragraph 18 has been changed.
5. Delete page CS-7, in its entirety and replace it with revised Page CS-7(R-1), attached to this addendum No. 1. Paragraph has been added.
6. Delete index Page JS-ii in its entirety and replace it with revised Page JS-ii (R-1) attached to this Addendum No. 1. JS Specs have been added.
7. Insert new Pages JS-46 through JS-55 attached to this Addendum No. 1. Item codes 905.9901, 905.9902, L15.9901, and T20 have been added.

**D. Distribution of Quantities**

1. Items

1. Delete Index Pages 1 and 2 in their entirety and replace them with revised Index Pages 1(R-1) and 2(R-1) attached to this addendum No.1. Items have been added.
2. Delete Page 16 in its entirety and replace it with revised Page 16(R-1) attached to this Addendum No. 1. Items 52 and 53 have been added.
3. Insert new page 17 attached to this Addendum No. 1. Item 54 has been added.

**E. Proposal Addition/Deletion**

1. Substantial completion date

1. Delete Proposal Pages 10 and 11 in their entirety and replace them with revised Proposal Pages 10(R-1) and 11(R-1) attached to this Addendum No. 1. Pages have been updated.

  
\_\_\_\_\_  
RI Department of Transportation  
Chief Engineer

GENERAL PROVISION/CONSTRUCTION INDEX

<u>Paragraph</u>	<u>Title</u>	<u>Page</u>
1	Brief Scope of Work	CS-1
2	Utility and Municipal Notification and coordination	CS-1
3	Specialty Items	CS-2
4	Sequence of Construction	CS-2
5	Special Requirements for Traffic Protection	CS-3
6	Special Requirements for Pavement Markings	CS-3
7	Drainage Structures and Paved Waterway	CS-3
8	Maintenance of Public Access	CS-4
9	Storage of Construction Material and / or Equipment	CS-4
10	Traffic Fines in Work Zones	CS-4
11	Special Notice to the Contractor	CS-5
12	Stabilization of Disturbed Areas	CS-5
13	Pavement Rehabilitation Specifics	CS-5
14	Pre-bid conference	CS-5
15	Environmental Permits	CS-5
16	Coordination with Communications Office of the Rhode Island Department of Transportation	CS-6
17	Transportation Management Plan	CS-6
18	Shop Drawings	CS-6
19	Coordination with other Contractors	CS-7
20	<b>Bicycle Shelter and Bike Racks</b>	CS-7

Appendix A: Cores

Appendix B: Details/Plans

Appendix C: Transportation Management Plan

Appendix D: Maintenance Assent

Appendix E: Bridge Inspection Report for Barrington River EBBF 837

Appendix F: Survey GPS Coordinates

Appendix G: Example of Warren Bridge Shop Drawing

Addendum No. 1

1. **BRIEF SCOPE OF WORK AND LOCATION OF WORK SITE**

R.I Contract No 2015-CH-005, R.I Project No. STP-EBBP(001) is for (a) 1” resurfacing and micro-milling on the East Bay Bike Path from Independence Park (Bristol) to Bullocks Point Bridge (East Providence) in Counties of Bristol and Providence and Fifth Street to First Street in East Providence. This includes installation of street signs and striping. (b) crack sealing Parkway Overlook and Watchmocket Cove Parking lots (c) Deck repairs to Barrington and Warren Bike Path Bridges 837 and 838, selective clearing of knot weed, **installation of a bike shelter**, as directed by the Engineer, cleaning and flushing drainage pipes, loam and seed, **epoxy mile markers**, 1 specialty light pole on the Warren Bridge, maintenance and movement of traffic, and all incidentals, complete in place and accepted, as necessary to complete the work in this contract to the satisfaction of the engineer.

**(a) Resurfacing the East Bay Bike Path from Independence Park (Bristol) to Bullocks Point Bridge(East Providence) and Fifth Street to First Street (East Providence)**

The work encompassed by this contract shall include, but not be limited to the following: 1” resurfacing using 4.75 HMA, micro-milling, and root pruning, knot weed removal, maintenance and protection of traffic and all incidentals complete and in place, and accepted, as necessary to complete the work of this contract to the satisfaction of the Engineer. **Milling and paving shall start after July 13, 2015.**

**(b) Parkway Overlook and Watchmocket Cove Parking Lots**

The work encompassed by this contract shall include, but not be limited to the following: crack seal, resetting car stops, installing van and handicap signs, install handicap icon at the Watchmocket Cove lot. Crack seal and rest car stops at the Parkway Overlook lot, all complete and in place, and accepted, as necessary to complete the work of this contract to the satisfaction of the Engineer.

**(c) Deck Repairs to Barrington and Warren Bikepath Bridges No. 837 and 838**

35 wood planks and kick boards shall be replaced as determined by the Engineer. All protruding nails shall be removed and replaced on the 10’ bridge deck. See special provision 806.9901. Both the Barrington and Warren Bridges have weight restrictions and are in poor condition. The contractor shall not place any vehicles or heavy loads on the bridges. Contractor shall cut at match at bridge joints.

2. **Utility and Municipal Notification and Coordination.**

The contractor shall schedule his construction so as to allow for a coordinated bikeway effort. Upon award, the contractor shall notify all utility companies and municipalities of the anticipated bikeway construction start date. Water and sewer lines are in the vicinity of the bike path.

The applicable utility/municipality representatives are as follows:

<u>Agency</u>	<u>Contact Person</u>	<u>Telephone</u>
RIDOT Chief Engineer	Kazem Farhoumand, P.E.	222-2023 Ext. 4100
RIDEM	William Mitchell	667-6200
	Superintendent of Parks	

Addendum No. 1

R.I. State Police 441-1000

<u>Agency</u>	<u>Contact Person</u>	<u>Telephone</u>
Verizon	Anthony Filomino	727-9543
Cox Communications	David Velilla	615-1284
National Grid	Thomas Capobianco	784-7248 (South)
Town of Barrington	Alan Corvi Director of Public Works	247-1907, Ext. 204
Town of Bristol	Fred Serbst Director of Public Works	253-4100
Town of Warren	John Miley Massed Director of Public Works	245-0200
City of East Providence	Stephen H. Coutu	453-7701

3. SPECIALTY ITEMS

- Pavement Markings
- Seeding
- Invasive Weed Control (Japanese Knotweed)**

4. SEQUENCE OF CONSTRUCTION

- a. The contractor shall develop an orderly sequence of construction and coordinate with all municipalities.
- b. All work shall be completed in accordance with the Traffic related work restrictions indicated in the Transportation Management Plan.
- c. The Contractor is put on notice that physical access to the site may be restricted. At the Bridge Street, Warren underpass, vehicle and equipment over 10 feet in height will not be allowed through the underpass. The Contractor shall make his own determinations as to what will and will not fit through the access points. Barrington and Warren Bikepath Bridge Nos. 837 and 838 have a 3 ton weight restriction on them. The bridges cannot handle any type of vehicle or heavy equipment.

16. **COORDINATION WITH THE COMMUNICATIONS OFFICE OF THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION**

It shall be the Contractor's responsibility to give work schedules and daily progress updates to the DOT Communications Office and DEM. The Contractor will call either Rose Amoros and/or Charles St. Martin at 401-222-1362 extension 4450 or 4007 **and** William Mitchell, Superintendent of Parks [william.mitchell@dem.ri.gov](mailto:william.mitchell@dem.ri.gov) at 401-667-6200.

17 **TRANSPORTATION MANAGEMENT PLAN**

The Traffic Management plan (TMP) may be found in Appendix C.

Included in the appendix to these Contract Specific General Provisions is the Transportation Management Plan (TMP) for this project. The TMP lays out the set of coordinated transportation management strategies that will be used to manage the work zone safety and mobility impacts on this project. In the event of a discrepancy between the information in the TMP and information elsewhere in the Contract Documents, the former shall govern.

The contractor's attention is called to Section 103, award and Execution of the contract, of the Division of Purchases Procurement Regulations, which describes the requirements for the contract's designation of the TMP Implementation Manager for the Contract.

The Contractor's attention is called to Section 105, Control of Work, of the Division of Purchases Procurement Regulations, which describes the requirements for the training of all Contractor and Subcontractor personnel involved in work zone design, implementation, operation, inspection management, and/or enforcement.

The Department's latest Training Guidelines for Personnel Responsible for Work Zone Safety and Mobility are available under the "Training" section at the following web site: <http://www.dot.ri.gov/humanresouces/index.asp>.

18. **SHOP DRAWINGS**

**The list of shop drawing required for this project includes, but is not limited to the following: Street signs, decorative lighting standard T08.9901, bike shelter foundation, and street sign mountings hardware.**

The Department will review all shop drawings and complete all reviews within **45** calendar days of receipt.

The third paragraph of Subsection 105.02 of the State of Rhode Island Procurement Regulations states that the contractor shall submit eight sets of shop drawings to the Department's Design Project Engineer. The Engineer for this contract is:

Kate Wilson  
RI Department of Transportation  
2 Capitol Hill  
Providence, RI 02903

Addendum No. 1

## **19. COORDINATION WITH OTHER CONTRACTORS**

The contractor is advised that other construction will be taking place in the area and it is the responsibility for the contractor to coordinate their work so that it will be completed in a timely manner. The following projects will be ongoing during portions of the life of this contract:

- A. ADA Rehabilitation of Park and Ride Lots; RIC No. 2014-CH-069

The contractor shall also coordinate their work with any other active projects that are not listed.

## **20. BICYCLE SHELTER AND BIKE RACKS**

The Parachute bike shelter and racks are currently at the Warren DPW. The Contractor shall call the Public Works Director John Miley Massed, at 245-0200, at least three (3) days in advance, for coordination of the delivery of the parachute shelter and bike racks. Public works will deliver the shelter and racks to the Franklin Street Park and Ride Lot.

## SPECIAL PROVISIONS/CONSTRUCTION INDEX

T08.9901	Warren Bridge No. 124 Decorative Lighting Standard & Fixture	JS-45
905.9901	8-inch Portland Cement Concrete Pad	JS-46
905.9902	Bicycle Shelter Foundation	JS-47
L15.9901	Parachute Bicycle Shelter and Bike Racks	JS-49
T20.	Word or Symbol White Epoxy Resin Pavement Markings	JS-55

**ITEM CODE 905.9901**  
**8-INCH PORTLAND CEMENT CONCRETE PAD**

**DESCRIPTION:**

This work shall consist of furnishing and constructing permanent reinforced 9' x 12' Portland cement concrete surfaces to support the installation of bike shelter or bicycle hitches as shown on the plans and as directed by the Engineer.

**MATERIALS:**

Materials shall conform to applicable portions of subsection 905.03.3 of the Standard Specifications for Road and Bridge Construction, amended 2010 and all revisions.

Concrete footing shall conform to Sections 601, Portland Cement Concrete and Section 810, Reinforcing Steel of the Standard Specifications.

**CONSTRUCTION METHODS:**

The construction shall generally conform to subsection 905.03, and "Rhode Island Standard Detail No. 43.5.0 – Cement Concrete Driveways".

**METHOD OF MEASUREMENT:**

Item Code 905.9901 8-Inch Portland Cement Concrete Pad shall be measured for payment by the LUMP SUM of material placed (8" thick) including reinforcing in accordance with the plans and/or as directed by the Engineer.

**BASIS OF PAYMENT:**

Item Code 905.9901 8-Inch Portland Cement Concrete Pad shall be paid for at the unit price per LUMP SUM as listed in the proposal. Payment shall include all Portland cement concrete, reinforcing, joint filler, gravel borrow, excavation, trimming and fine grading, joint work, and all other incidentals necessary to complete the work to the satisfaction of the Engineer.

**ITEM CODE 905.9902**  
**Bicycle Shelter Foundation Footing**

**DESCRIPTION:**

This work shall consist of furnishing and installing all necessary material to install cast-in place or precast 2' x 2' x 4' A(AE) concrete foundation footings for a 9' x 13' parachute bicycle shelter according to details attached to this job specific.

**MATERIALS:**

All materials for this item such as A(AE) concrete, rebar, gravel borrow, trimming and fine grading, trenching, backfill, adhesive anchors, 5/8" x 12"x12" stainless steel baseplates and gussets and bars are to be furnished and installed according to the applicable sections of the Rhode Island Standard Specifications for Road and Bridge Construction, latest Edition, including all supplements and addenda.

Concrete footings shall conform to Sections 601 and M.02, Portland Cement Concrete and Section 810, Reinforcing Steel of the Standard Specifications.

**CONSTRUCTION METHODS:**

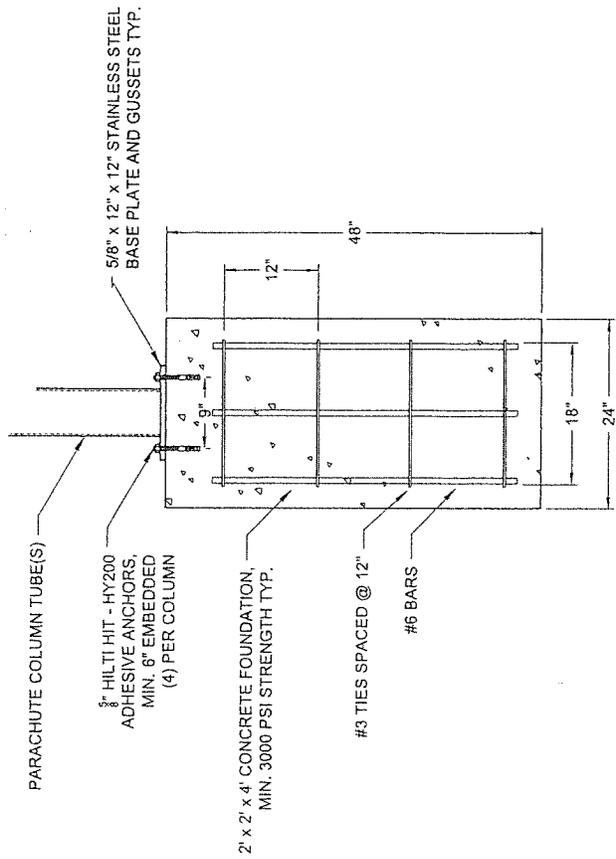
"Bicycle Shelter Foundation" shall be installed according to the plan detail and the satisfaction of the Engineer. The Contractor must secure site location to ensure pedestrian safety during the installation of this item. At no time shall any excavated holes be left unprotected and drum barricades shall be installed when open excavation is done. The foundation shall be level to assure perpendicular installation of the parachute bicycle shelter.

**METHOD OF MEASUREMENT:**

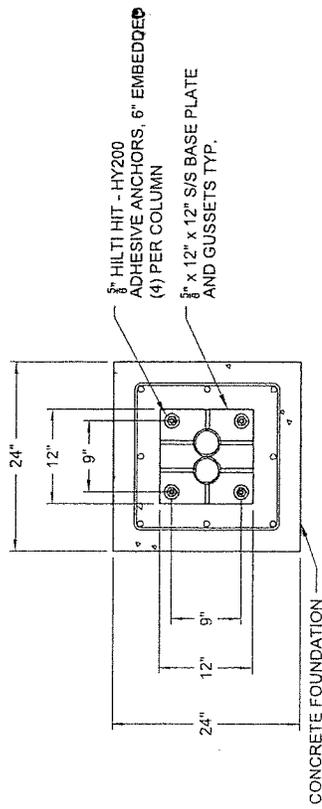
"Bicycle Shelter Foundation" shall be measured for payment by the unit "EACH" for complete installation in accordance with the attached details and/or as directed by the Engineer.

**BASIS OF PAYMENT:**

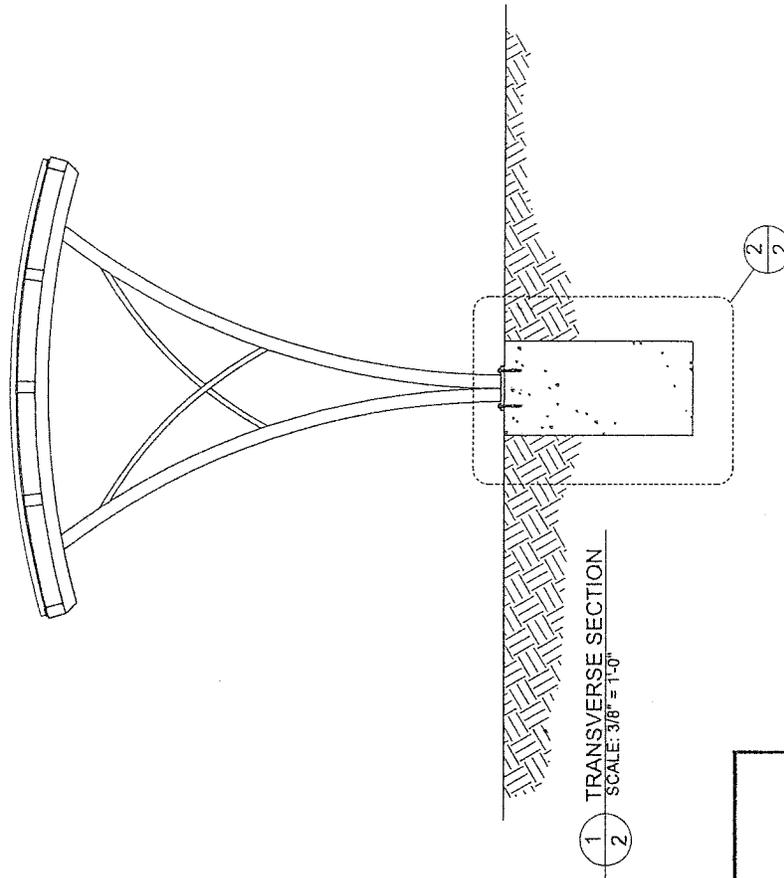
"Bicycle Shelter Foundation footing" shall be paid for at the contract bid price per "Each" as listed in the Proposal. The price so-stated constitutes full and complete compensation for furnishing all labor, tools, materials, A(AE)concrete, rebar, trenching, backfill, gravel borrow, trimming and fine grading, barrels, equipment, and for all incidentals required to finish the work complete and accepted by the Engineer.



2 FOUNDATION SECTION DETAIL  
SCALE: 3/4" = 1'-0"



3 FOUNDATION SECTION DETAIL  
SCALE: 3/4" = 1'-0"



1 FOUNDATION SECTION DETAIL  
SCALE: 3/8" = 1'-0"

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<p>APPROVAL SIGNATURE X</p>	<p>DATE</p>	<p>DESCRIPTION "PARACHUTE" BICYCLE SHELTER - FOUNDATION DETAILS</p>	<p>REV#1</p>	<p>REV#2</p>	<p>REV#3</p>	<p>REV#4</p>
<p>RC</p>	<p>JW</p>	<p>GS</p>	<p>GS</p>	<p>GS</p>	<p>GS</p>	<p>GS</p>
<p>REVISIONS</p>						
<p>REGISTERED ENGINEER</p>						

**DUO-GARD**  
Duo-Gard Industries, Inc.  
16 (734) 203-9700 Fax (734) 201-2196  
www.duo-guard.com

**ITEM CODE L15.9901**  
**Parachute Bicycle Shelter and Bike Racks**

**DESCRIPTION:**

This work shall consist of the construction and installation of a 9' x 13' parachute bicycle shelter and bike racks according to specifications and details attached to this job specific or established by the Engineer.

**MATERIALS:**

The Parachute Shelter and Bike Racks shall be, as manufactured by Duo-Gard. The materials for the shelter and bike racks are located at the Warren DPW at 21 Birch Swamp Road, Warren. The town will deliver the shelter and racks to the site upon coordination with the Resident Engineer. The Town of Warren has purchased the shelter and racks.

**CONSTRUCTION METHODS:**

"Parachute Bicycle Shelter and Bike Racks" shall be constructed and installed at the location shown on the plans. The shelter and bike racks shall be installed on a 8 inch concrete pad with bicycle foundations footings in accordance with the manufacturer's installations procedures and details attached to this special provision. The bike racks are to be spaced 30" apart. All Construction is to be performed to the satisfaction of the Engineer.

**METHOD OF MEASUREMENT:**

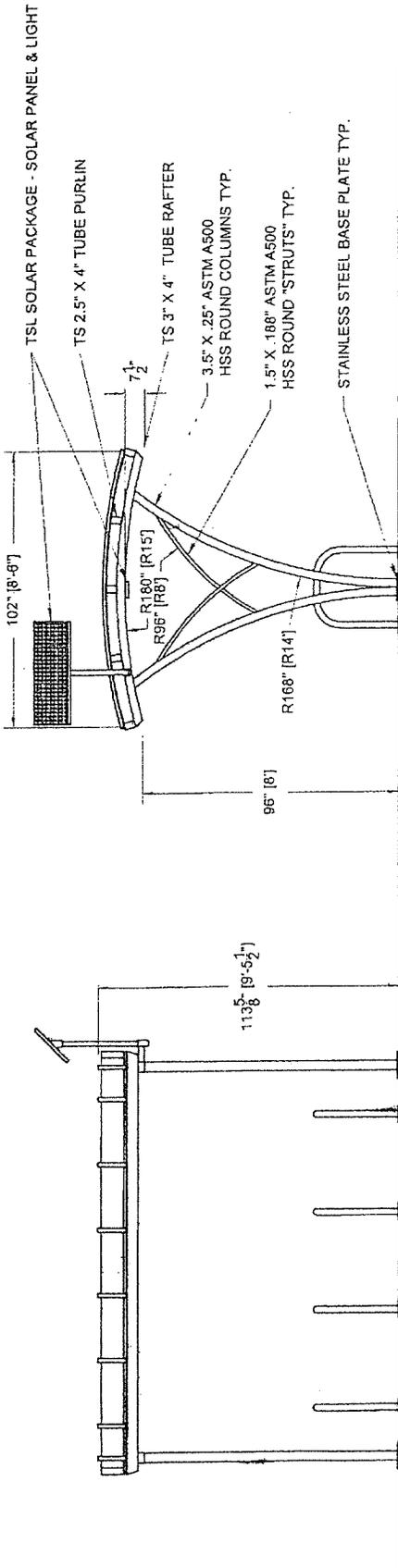
"Parachute Bicycle Shelter and Bike Racks" shall be measured for payment by the unit "LUMP SUM" for complete installation in accordance with the attached details and/or as directed by the Engineer.

**BASIS OF PAYMENT:**

"Parachute Bicycle Shelter and Bike Racks" shall be paid for at the contract bid price per "LUMP SUM" as listed in the Proposal. The price so-stated constitutes full and complete compensation for furnishing all labor, tools, materials, equipment, and for all incidentals required to install the bicycle shelter and bike racks to the satisfaction of the Engineer.

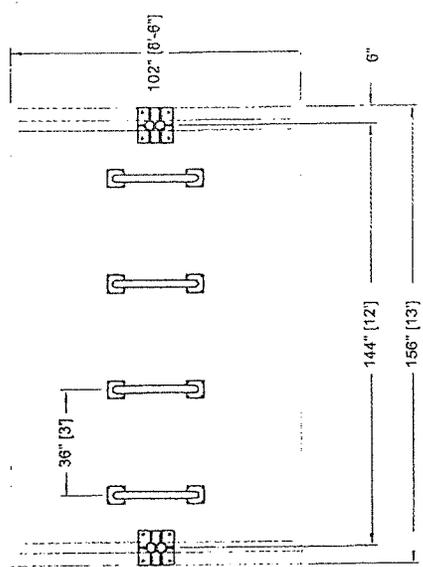
The 8 inch Portland Concrete Pad will be paid for under item code 905.9901.

The Bicycle Shelter Foundation Footings will be paid for under item code 905.9902.

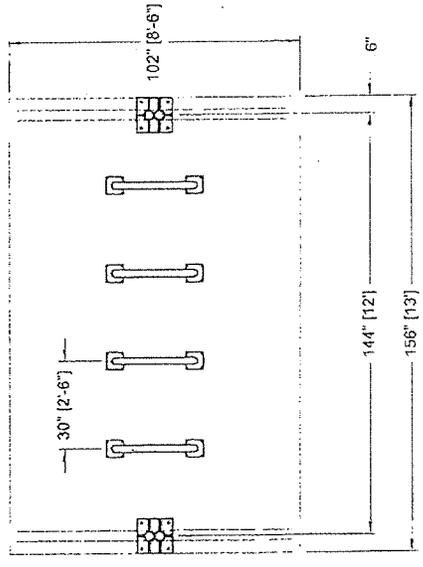


FRONT ELEVATION

END ELEVATION



PLAN VIEW  
36" RACK SPACING



PLAN VIEW  
30" RACK SPACING

- NOTES:
- \*FRAMEWORK TO BE WELDED AND MECHANICALLY FASTENED STEEL
  - \*ALL FASTENERS TO BE STAINLESS STEEL
  - \*ROOF GLAZING TO BE: 8MM POLYCARBONATE STRUCTURED SHEET, BATTEN SYSTEM, IN ALUMINUM TRIM, TINT
  - \*STEEL FINISHING:
    - \*MEDIA BLAST PREP
    - \*TNEMEC TNEME ZINC 90-97 PRIMER
    - \*TNEMEC SERIES N69 HI-BUILD EPOXYLINE 2-PART EPOXY MIDCOAT
    - \*TNEMEC SERIES 73 ENDURA-SHIELD TOPCOAT
    - \*ALUMINUM TRIM TO HAVE SAME TOP TWO COATS
    - \*COLOR: "TRADEWINDS 63GN"
  - \*ALL DIMENSIONS TO BE FIELD VERIFIED
  - \*DESIGN IS PRELIMINARY, AND CONCEPTUAL, AND SUBJECT TO CHANGE BASED ON FINAL ENGINEERING PHASE AND CUSTOMER APPROVAL.

BIKE CAPACITY		
RACK SPACING	# OF RACKS	# OF BIKES
36"	4	8
30"	4	8

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Duo-Gard Industries, Inc.  
Tel (734) 207-9700 Fax (734) 207-7995  
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APPROVAL SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

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PROJECT VALUE: 11294 (16662-16663) TOWN OF WARREN, RHODE ISLAND

DESCRIPTION: 9' X 13' "PARACHUTE" BICYCLE SHELTER, PLAN AND ELEVATION DETAILS

PROJECT VALUE	DRY TO DATE	SCALE	PAGE	OF	DRAWING #
11294 (16662-16663) TOWN OF WARREN, RHODE ISLAND	8.13.2013	3/16" = 1'-0"	1	2	11294-1

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PROJECT VALUE: 11294 (16662-16663) TOWN OF WARREN, RHODE ISLAND

DESCRIPTION: 9' X 13' "PARACHUTE" BICYCLE SHELTER, PLAN AND ELEVATION DETAILS

PROJECT VALUE	DRY TO DATE	SCALE	PAGE	OF	DRAWING #
11294 (16662-16663) TOWN OF WARREN, RHODE ISLAND	8.13.2013	3/16" = 1'-0"	1	2	11294-1

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PROJECT VALUE	DRY TO DATE	SCALE	PAGE	OF	DRAWING #
11294 (16662-16663) TOWN OF WARREN, RHODE ISLAND	8.13.2013	3/16" = 1'-0"	1	2	11294-1

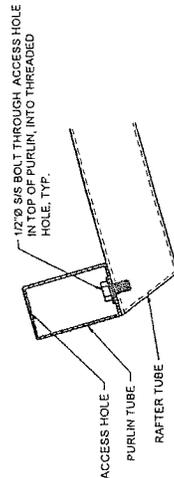
## PARACHUTE SHELTER INSTALLATION INSTRUCTIONS:

### TOOL LIST:

- hammer drill with 5/8"Ø bit
- drill driver with #11 (3/16") bits,
- driver for phillips tek screws
- hex socket set with extension (for 1/2", 5/8" and 3/4" bolts)
- hex/allen wrench set
- heavy-duty pop rivet tool (long handled or pneumatic)
- gasket rolling tool
- standard tool set including, but not limited to: hammer, tape measure, level, pencil, utility knife, chalk line, etc.

### FRAME ASSEMBLY:

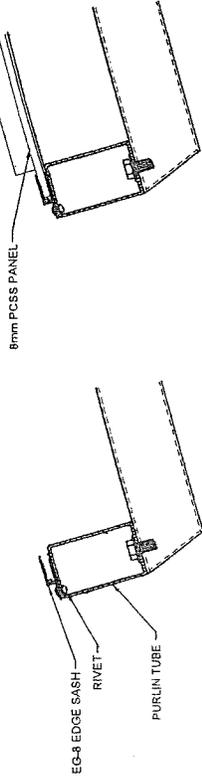
1. Assemble main stanchions: bolt curved rafter tube to "columns" with 3/4" serrated hex bolts through holes in rafter. Cap with plastic plug.
2. Position main stanchions in approximate final locations. Drawing and bolt hole placements in purlin beams will determine spacing.
3. With stanchions squared to each other and at the correct spacing, install one anchor bolt (or 2) in each main stanchion, not fully tightened, for safety while purlins are attached.
4. Attach purlin beams to top of rafter with 1/2" serrated-flange hex bolts, through access holes in top. Do not tighten completely until entire frame is in final location, square and plumb. Purlin splice plates (where necessary) locate to the bottom and are secured from below with 1/2" x 1/2" button head bolts.
5. With frame square and plumb, install and tighten remaining anchors. Shim as necessary. Tighten purlin bolts.



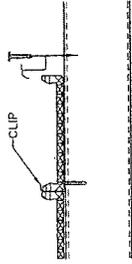
### ROOF GLAZING:

1. Note: you can either start in the middle or at an end. Starting in the middle is harder, but will ensure symmetry. Make sure you know whether a panel is centered on the shelter or the joint between two panels. Leave off both ends of aluminum sash. Below are the steps to start at an end:
  2. Attach 1 end and both eave pieces of eg-8 aluminum edge sash to steel frame as shown, using 3/16" closed-end pop rivets, one at each purlin on

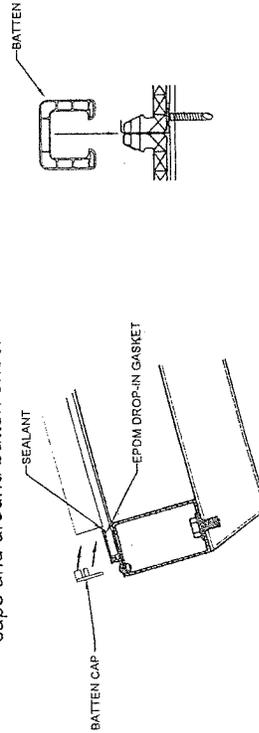
the end and approx. 12" on center along the eaves (2 at each miter joint).



3. Slide a "ripped"/trimmed 8mm panel into eave eg-8 sash pieces, tucking into the end sash. Secure panel leg using (1) panel clip and (2) pan head tek screws at each structural member, except for the outer (eave) members.



4. Slide next "full" 8mm panel into the eave eg-8 sash and push against clips just installed. Secure free leg with another set of clips, as in step 3.
5. Once last "ripped"/trimmed panel is in place, slide remaining eg-8 sash over panel, securing with 3/16" closed-end pop rivets, same as starting end. If further trimming needs to be done, use a utility knife and cut through one thickness at a time.
6. Install "drop-in" gasket along the top perimeter of the eg-8 sash, as shown. Use a dab of clear sealant at the joint between panels between the aluminum sash and the panel legs. Note: depending on curve, temperature, etc., it may be very difficult to install the drop-in gasket. If unable to do so, apply a small bead of clear sealant along that joint.
7. Snap battens onto panels. Snap end cap into battens. Caulk all seams in caps and around batten ends.



PROJECT NAME

CUSTOMER SAMPLE

DESCRIPTION

9' PARACHUTE MODEL BICYCLE SHELTER - INSTALLATION INSTRUCTIONS

PROJECT ENG

BDI

PROJECT MGR

---

DRAWG DATE

6-20-11

REV1

2-21-12

REVZ

6-13-12

SCALE

NTS

PAGE

1

OF

1

DRAWING #

9PARAINS

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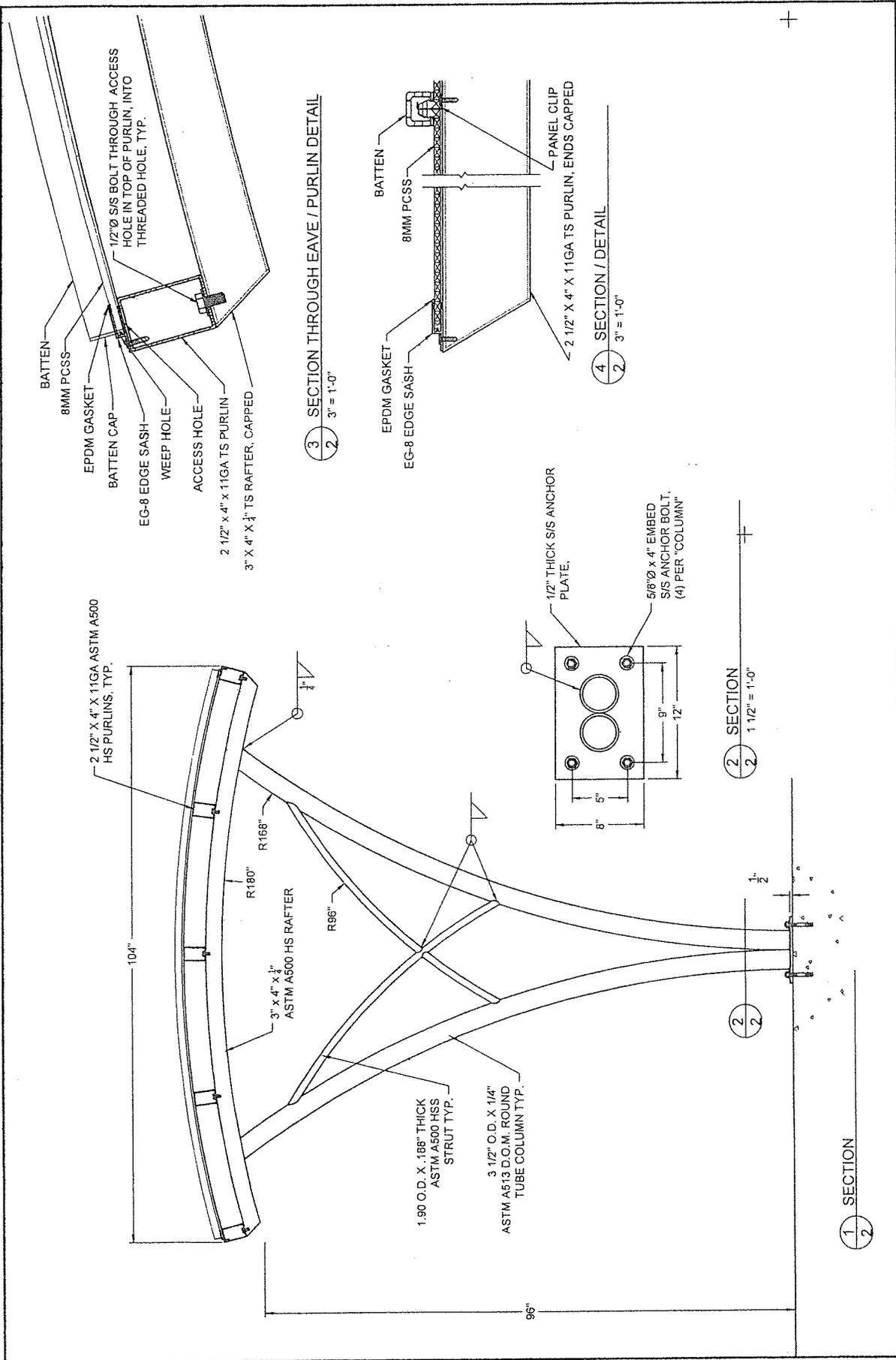
APPROVAL SIGNATURE

X

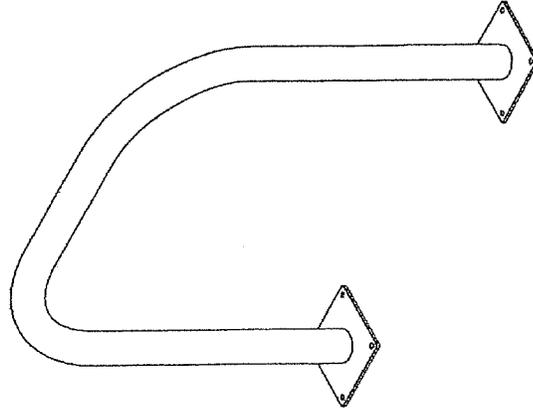
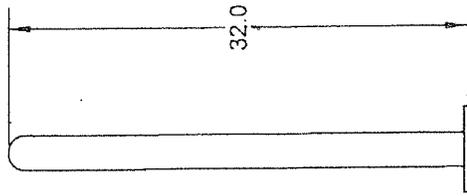
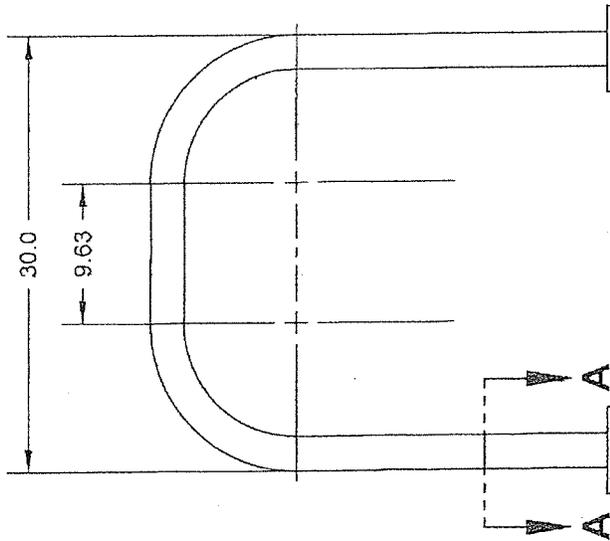
DATE

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Duo-Gard Industries, Inc.  
Tel (734) 207-9700 Fax (734) 207-7995  
www.duo-gard.com



PROJECT NAME <b>CUSTOMER SAMPLE</b>		DRAWG DATE 06/20/13		REVZ REV1		SCALE 1/2" = 1'-0"		PAGE 1		OF 1		DRWG # 10883	
DESCRIPTION <b>9FT PARACHUTE BIKE SHELTER STANDARD DETAILS</b>				FRUIT MGR JW		FRUIT ENG BDI		APPROVAL SIGNATURE X		DATE / /		THIS DRAWING IS PROPRIETARY AND FOR THE SOLE USE OF OUR CUSTOMER AND MAY NOT BE COPIED OR REPRODUCED WITHOUT PRIOR WRITTEN CONSENT FROM DUO-GARD INDUSTRIES, INC. LEAD TIME BEGINS UPON RECEIPT OF SIGNED SHOP DRAWINGS.	
<b>DUO-GARD</b> FORGE AHEAD, Duo-Gard Industries, Inc. Tel: (734) 207-9700 Fax: (734) 207-7695 www.duo-gard.com													



2X 6" X 6" X .25" SQUARE  
FLANGE MOUNTING PLATE  
WITH 4 Ø 5/8" MOUNTING HOLES



NOTE:

1. DO NOT SCALE DRAWING.
2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

**SARIS CYCLING GROUP**

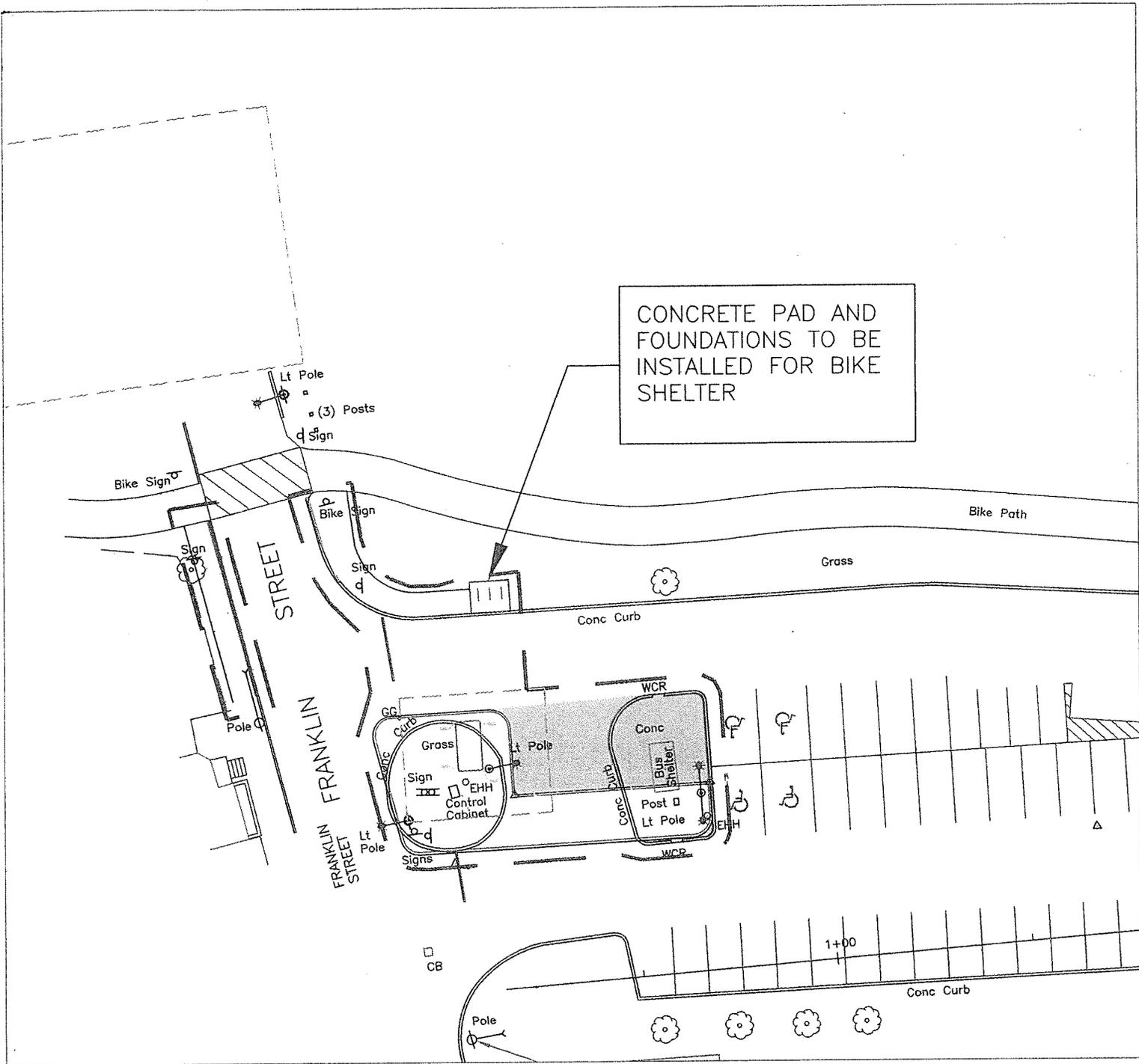
5253 VERONA RD., MADISON WI, 53711  
1-800-783-7257 / 1-608-274-1702  
WWW.SARISPARKING.COM

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TITLE:

2113 - 2 BIKE FM BIKE DOCK

**SARIS**  
CYCLING GROUP  
WE BRING CYCLING TO LIFE



CONCRETE PAD AND FOUNDATIONS TO BE INSTALLED FOR BIKE SHELTER


**STATE OF RHODE ISLAND**  
**DEPARTMENT OF TRANSPORTATION**  
 Two Capital Hill  
 Providence, Rhode Island 02903-1124  
 (401) 222-2023

REVISION			RHODE ISLAND DEPARTMENT OF TRANSPORTATION	
NO.	DATE	BY	ADA IMPROVEMENTS	
			STATEWIDE PARK & RIDE FACILITIES	
			WARREN	RHODE ISLAND
			<b>SHELTER LOCATION PLAN</b>	
			CHECKED BY: <u>  K.W.  </u> DATE: <u>  04-15-15  </u> SCALE: <u>  NONE  </u>	

**Item Code**

T20.9901 –EPOXY RESIN PAVEMENT MARKING WORD “STOP AHEAD”  
T20.9902 – MILE MARKER STENCIL WITH GPS CORRGINATES (MMS)  
T20.9905 – 12 INCH EPOXY RESIN PAVEMENT MARKINGS – YELLOW  
T20.9906 - HANDICAP PARKING LOGO – EPOXY RESIN PAVEMENT MARKING  
T20.9907 – EPOXY RESIN PAVEMENT MARKING WORD”ROAD X-ING”  
T20.9909 –EPOXY RESIN MARKING WORD “SIGNAL AHEAD”

**DESCRIPTION:**

This work shall consist of furnishing and applying Epoxy Resin Pavement Markings at locations indicated in the distribution of quantities in accordance with these specifications, the relevant provisions, of the “Rhode Island Department of Transportation Standard Specifications for Road and Bridge Construction amended 2010 and all revisions as it applies to this item or as directed by the Engineer.

**MATERIALS:**

Composition, binder, pigments, reflective glass spheres shall conform to the applicable requirement of SECTION M.17; Pavement Markings of the “Rhode Island Department of Transportation Standard Specifications for Road and Bridge Construction amended 2010 and all revisions as it applies to this item or as directed by the Engineer.

**CONSTRUCTION METHODS:**

All construction shall be performed to the standard and specifications of subsection T20.03 in the “Rhode Island Department of Transportation Standard Specifications for Road and Bridge Construction amended 2010 and all revisions as it applies to this item or as directed by the Engineer.

**METHOD OF MEASUREMENT:**

EPOXY RESIN PAVEMENT MARKING WORD “STOP AHEAD”, MILE MARKER STENCIL WITH GPS CORRGINATES (MMS); 12 INCH EPOXY RESIN PAVEMENT MARKINGS – YELLOW; HANDICAP PARKING LOGO – EPOXY RESIN PAVEMENT MARKING; EPOXY RESIN PAVEMENT MARKING WORD”ROAD X-ING”; EPOXY RESIN MARKING WORD “SIGNAL AHEAD” shall be measured by the “EACH” installed.

**BASIS OF PAYMENT:**

EPOXY RESIN PAVEMENT MARKING WORD “STOP AHEAD”, MILE MARKER STENCIL WITH GPS CORRGINATES (MMS); 12 INCH EPOXY RESIN PAVEMENT MARKINGS – YELLOW; HANDICAP PARKING LOGO – EPOXY RESIN PAVEMENT MARKING; EPOXY RESIN PAVEMENT MARKING WORD”ROAD X-ING”; EPOXY RESIN MARKING WORD “SIGNAL AHEAD” will be paid for at the contract unit price per “EACH” as listed in the proposal. The price so stated shall constitute full and complete compensation for all labor, materials, tools, equipment required to complete the work in accordance with this special provision, complete and accepted by the Engineer.

## Table of Contents - Distribution of Quantities

Project Name - East Bay Bike Path Repairs 2015  
 Estimate Name - Addendum to full pavement resurfacing  
 R.I. Contract No. - 2015-CH-005  
 FAP Nos: RST-CLAIM(082), STP-EBBP(001)

<u>ItemCode</u>	<u>Description</u>	<u>Page</u>
201.0409	REMOVE AND DISPOSE FLEXIBLE PAVEMENT	1
201.9901	REMOVE AND RESET BOULDER	1
201.9902	REMOVE AND RESET CAR STOPS	1
202.0100	EARTH EXCAVATION	1
204.0100	TRIMMING AND FINE GRADING	1
301.0200	GRAVEL BORROW BASE COURSE	2
303.0100	SPECIAL GRADED AGGREGATE FOR SHAPING AND TRIMMING DRIVEWAYS OR SHOULDERS	2
401.4000	CLASS 4.75 HMA	2
401.4005	CLASS 4.75 HMA FOR MISCELLANEOUS WORK	3
403.0300	ASPHALT EMULSION TACK COAT	3
408.0100	CLEANING AND SEALING CRACKS IN BITUMINOUS CONCRETE PAVEMENT: CRACKS LESS THAN 1 INCH IN WIDTH	3
408.0200	CLEANING AND SEALING CRACKS IN BITUMINOUS CONCRETE PAVEMENT: CRACKS 1 INCH AND OVER IN WIDTH	3
408.0400	CLEANING, ROUTING, AND SEALING CRACKS IN BITUMINOUS PAVEMENT (LESS THAN ONE INCH)	4
408.0500	CLEANING, ROUTING, AND SEALING CRACKS IN BITUMINOUS PAVEMENT (ONE INCH AND OVER)	4
414.0100	WARM MIX ADDITIVE	4
707.1900	ADJUST FRAME & COVER TO GRADE	4
708.9040	CLEANING AND FLUSHING PIPE ALL SIZES	4
708.9041	CLEANING CATCH BASINS ALL TYPES AND SIZES	5
711.0110	3'' PAVED WATERWAY CLASS I-1 STANDARD 8.4.0	5
806.9901	DECK REPAIRS TO BARRINGTON AND WARREN BRIDGES NOS. 837 AND 838	5
906.0602	BITUMINOUS BERM STANDARD 7.5.1	5
914.5010	FLAGPERSONS	5
914.5020	FLAGPERSONS - OVERTIME	6
922.0100	TEMPORARY CONSTRUCTION SIGNS STANDARD 29.1.0 AND 27.1.1	6
923.0105	DRUM BARRICADE STANDARD 26.2.0	6
923.0120	PLASTIC PIPE BARRICADE STANDARD 26.3.0	6
923.0125	PLASTIC PIPE TYPE III BARRICADE STANDARD 26.3.1	7
923.0200	FLUORESCENT TRAFFIC CONES STANDARD 26.1.0	7
929.0110	FIELD OFFICE	7
932.0100	CUTTING AND MATCHING ASPHALT	7
935.0400	REMOVING BITUMINOUS PAVEMENT BY MICRO MILLING	8
936.0100	MOBILIZATION AND DEMOBILIZATION	8
937.0200	MAINTENANCE AND MOVEMENT TRAFFIC PROTECTION	8
943.0200	TRAINEE MAN-HOURS	9
L01.0102	LOAM BORROW 4 INCHES DEEP	9
L02.0102	RESIDENTIAL SEEDING (TYPE 2)	9
L02.0104	NATIVE SEED MIX (TYPE 4)	9
L10.0101	MECHANICAL TREE AND SHRUB ROOT PRUNING	9
L14.9901	INVASIVE WEED CONTROL (JAPANESE KNOT WEED)	10
T08.9901	WARREN BRIDGE NO. 124 DECORATIVE LIGHTING STD & FIXTURE	10
T15.0100	DIRECTIONAL REGULATORY AND WARNING SIGNS	10
T15.1000	STREET SIGN ASSEMBLY STD. 24.6.1	12
T20.2004	4 INCH EPOXY RESIN PAVEMENT MARKINGS WHITE	13
T20.2012	12 INCH EPOXY RESIN PAVEMENT MARKINGS WHITE	13
T20.2014	4 INCH EPOXY RESIN PAVEMENT MARKINGS YELLOW	14
T20.9901	EPOXY RESIN PAVEMENT MARKING WORD "STOP AHEAD"	14
T20.9902	MILE MARKERS STENCIL WITH GPS CORRDINATES MMS	15
T20.9905	12 INCH EPOXY RESIN PAVEMENT MARKINGS - YELLOW	15
T20.9906	HANDICAP PARKING LOGO - EPOXY RESIN PAVEMENT MARKING	15
T20.9907	EPOXY RESIN PAVEMENT MARKING WORD "ROAD X-ING"	16

Table of Contents - Distribution of Quantities

Project Name - East Bay Bike Path Repairs 2015  
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FAP Nos: RST-CLAIM(082), STP-EBBP(001)

<u>ItemCode</u>	<u>Description</u>	<u>Page</u>
T20.9909	EPOXY RESIN MARKING WORD "SIGNAL AHEAD"	16
905.9901	8-INCH PORTLAND CEMENT CONCRETE PAD	16
905.9902	BICYCLE SHLETER FOUNDATION FOOTING	16
L15.9901	PARACHUTE BICYCLE SHELTER AND BIKE RACKS	17

## Distribution of Quantities

Project Name - East Bay Bike Path Repairs 2015  
 Estimate Name - Addendum to full pavement resurfacing  
 R.I. Contract No. - 2015-CH-005  
 FAP Nos: RST-CLAIM(082), STP-EBBP(001)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
049	T20.9906	Cont. RESIN PAVEMENT MARKING				
		EAST PROVIDENCE				
		PARKWAY OVER LOOK		1.00	0028	01
		Item T20.9906 Total:		1.00		
050	T20.9907	EPOXY RESIN PAVEMENT MARKING WORD	EACH			
		"ROAD X-ING"				
		WARREN				
		BROWN ST		2.00	0028	01
		HOPE ST		2.00	0028	01
		KELLY ST		2.00	0028	01
		NORBERT ST		2.00	0028	01
		Item T20.9907 Total:		8.00		
051	T20.9909	EPOXY RESIN MARKING WORD "SIGNAL	EACH			
		AHEAD"				
		PROJECT WIDE				
		CHERRY ST/CAMPBELL		2.00	0028	01
		INTERSECTIONS, WARREN				
		COUNTY ROAD, BARRINGTON		2.00	0028	01
		TURNER AVE, EP		2.00	0028	01
		Item T20.9909 Total:		6.00		
052	905.9901	8-INCH PORTLAND CEMENT CONCRETE PAD	LS			
		FRANKLIN STREET, WARREN				
		PARK AND RIDE		1.00	0028	01
		Item 905.9901 Total:		1.00		
053	905.9902	BICYCLE SHLETER FOUNDATION FOOTING	EACH			
		FRANKLIN STREET, WARREN				
		PARK AND RIDE		2.00	0028	01
		Item 905.9902 Total:		2.00		

Distribution of Quantities

Project Name - East Bay Bike Path Repairs 2015  
 Estimate Name - Addendum to full pavement resurfacing  
 R.I. Contract No. - 2015-CH-005  
 FAP Nos: RST-CLAIM(082), STP-EBBP(001)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
054	L15.9901	PARACHUTE BICYCLE SHELTER AND BIKE RACKS	LS			
		FRANKLIN STREET, WARREN				
		PARK AND RIDE		1.00	0028	01
Item L15.9901 Total:				1.00		

Revised: 2/19/2002

Total or gross sum of bid for Rhode Island Contract Number: 2015-CH-005

Federal-Aid Project Number(s): RST-CLAIM(082), STP-EBBP(001)

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>
Phase 1 Completion Date	October 30, 2015
Substantial Completion Date	September 30, 2016
Bid-Opening Date	April 29, 2015
Advertise Date	April 8, 2015

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

<b>ADDENDA</b>	<b>DATE POSTED</b>	<b>DOCUMENT(S)</b>	<b>PAGE</b>
NO.1	April 16, 2015	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	

**Total or gross sum of bid for Rhode Island Contract Number: 2015-CH-005**

**Federal-Aid Project Number(s): RST-CLAIM(082), STP-EBBP(001)**

Whoever, being an officer, agent, or employee of the United States, or of any State, or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the costs thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction of any highway or related project submitted for approval to the Secretary of Transportation; or Whoever, knowingly makes any false statement, false representation, false report, or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or Whoever, knowingly makes any false statement or false representation as to a material fact in any statement, certificate, or report submitted pursuant to the provisions of the Federal-aid Road Act approved July 11, 1916 (39 Stat. 355), as amended and supplemented, Shall be fined not more than \$10,000 or imprisoned not more than five years, or both. By signing here the signee agrees that the disk submitted is the same as the paper submitted and that any discrepancies may result in disqualification of the bid.

BEING EITHER A (INDIVIDUAL, PARTNERSHIP,  
(OR CORPORATION INCORPORATED)  
(UNDER THE LAWS OF ANY STATE)  
(IN THE UNITED STATES OF AMERICA)

\_\_\_\_\_  
**Contractor**

COMPOSED OF OFFICERS, PARTNERS  
OR OWNER, AS FOLLOWS.

\_\_\_\_\_  
**President**

\_\_\_\_\_  
**Vice-President**

\_\_\_\_\_  
**Secretary**

\_\_\_\_\_  
**Treasurer**

**Address**  
\_\_\_\_\_  
\_\_\_\_\_

**CERTIFICATION SUMMARY: I hereby certify that I have read all of the above requirements and understand that it affects the acceptability of my bid(s).**

\_\_\_\_\_  
Name of Signatore - Title

\_\_\_\_\_  
Date