CITY OF BATON ROUGE
PARISH OF EAST BATON ROUGE

December 7, 2021

ADDENDUM NO. 2

TO: **ALL BIDDERS**

SUBJECT: **NICHOLSON DRIVE @ BEN HUR ROAD**
CITY-PARISH PROJECT No. 19-CP-HC-0037

BID DATE: Tuesday, December 14, 2021 at 2:00p.m.

The following revisions shall be incorporated in and take precedence over any conflicting part of the original contract documents.

PART 1, UNIFORM CONSTRUCTION BID FORMS

LOUISIANA UNIFORM PUBLIC WORK BID FORM
With reference to Page UCBF 1 of 4, the Bidder shall indicate receipt of this Addendum in the space provided. Failure to indicate receipt of this Addendum may cause for the bid to be rejected.

For online www.bidexpress.com bidders: An acknowledgement of this addendum will be prompted by the Expedite bidding program prior to formally submitting the bid.

PART 2, SPECIAL PROVISIONS AND CONTRACT DOCUMENTS

SPECIAL PROVISIONS/TECHNICAL SPECIFICATIONS

SECTION 905 TRAFFIC SIGNS, STRIPING AND RAISED MARKERS
(SP 36 of 45), Replace this section in its entirety with Attachment A.

APPROVED:

Thomas Stephens, P.E.
Chief Design & Construction Engineer

ATTACHMENT A

- SECTION 905 Traffic Signs, Striping and Raised Markers

SECTION 905 TRAFFIC SIGNS, STRIPING AND RAISED MARKERS

Delete this Section in its entirety and replace with the following:

SECTION 905 TRAFFIC SIGNS, STRIPING AND RAISED MARKERS

905-1 DESCRIPTION: This work consists of furnishing, installing, maintaining and removing traffic signs, barricades, channelizing devices, striping and raised markers in accordance with the MUTCD; providing flaggers; and complying with all other requirements regarding the protection of the work, workers and safety of the public.

905-2 MATERIALS: Materials shall conform to the following Sections and Subsections.

Sign Backing (Blanks)	1020-1
Reflective Sign Sheeting	1020-1
Sign Posts	1020-1
Barricade Warning Lights	1020-1.1
Structural Aluminum	1020-1.2
Timber	1013
Hardware	1020-1.2(e)
Pavement Striping Tape	1020-2.1(a)
Traffic Paint	1020-2.2.3
Thermoplastic Pavement Markings	1020-2.2.1
Preformed Plastic Pavement Markings	1020-2.2.2
Raised Pavement Markers and Adhesives	1020-3

905-3 CONSTRUCTION:

905-3.1 Signs:

905-3.1.1 Temporary Signs and Barricades: The contractor shall furnish and install temporary construction signs and barricades before construction begins. When construction signs are in place and approved, existing permanent signs that are in conflict with construction signs shall be covered or removed. The Contractor shall furnish and install additional signs as necessary during construction, relocate signs on the project when required, maintain signs by cleaning or replacing as necessary, and remove construction signs upon completion of the work.

Contractor shall provide and maintain project signs for the duration of the project. Two (2) project signs shall be constructed, painted, lettered and erected in accordance with the details shown at the end of this Section. If paint or lettering is damaged it shall be touched up after erection. The project signs shall be installed at each end of the project at locations satisfactory to the Engineer and so not to cause a sight or safety problem. Upon completion of the project, the signs shall be removed by the Contractor. No direct payment will be made to the contractor for the project signs.

CITY-PARISH PROJECT SITE SIGN
GENERAL NOTES:

1. BELOW PROJECT SIGN GRAPHIC IS A SAMPLE. USE OF CONTRACTOR'S NAME AND CURRENT COUNCILMEMBER NAMES ARE SUBJECT TO CHANGE. REQUIREMENTS FOR PROJECT SPECIFIC SIGN MUST BE VERIFIED BY CONTACTING MOVEBR@BRLA.GOV PRIOR TO MAKING OF SIGN.

2. THE SIGN SHALL BE CONSTRUCTED WITH ½" SINGLE FACE OMEGA BOARD (4'X8')

3. THE SIGN BACKGROUND SHALL BE WHITE OMEGA BOARD WITH 4 COLOR PROCESS PRINT AS SPECIFIED, SIGN EDGES SHALL BE COVERED AND TRIMMED WHITE VINYL EDGE (TYPICAL OMEGA BOARD FINISH)

4. THE CONTRACTOR SHALL ERECT AND MAINTAIN SIGN UNTIL THE PROJECT IS COMPLETED AND ACCEPTED. THE SIGN SHALL BE ERECTED AT A LOCATION DETERMINED BY THE PROJECT ENGINEER SO NOT TO CAUSE A SIGHT PROBLEM.

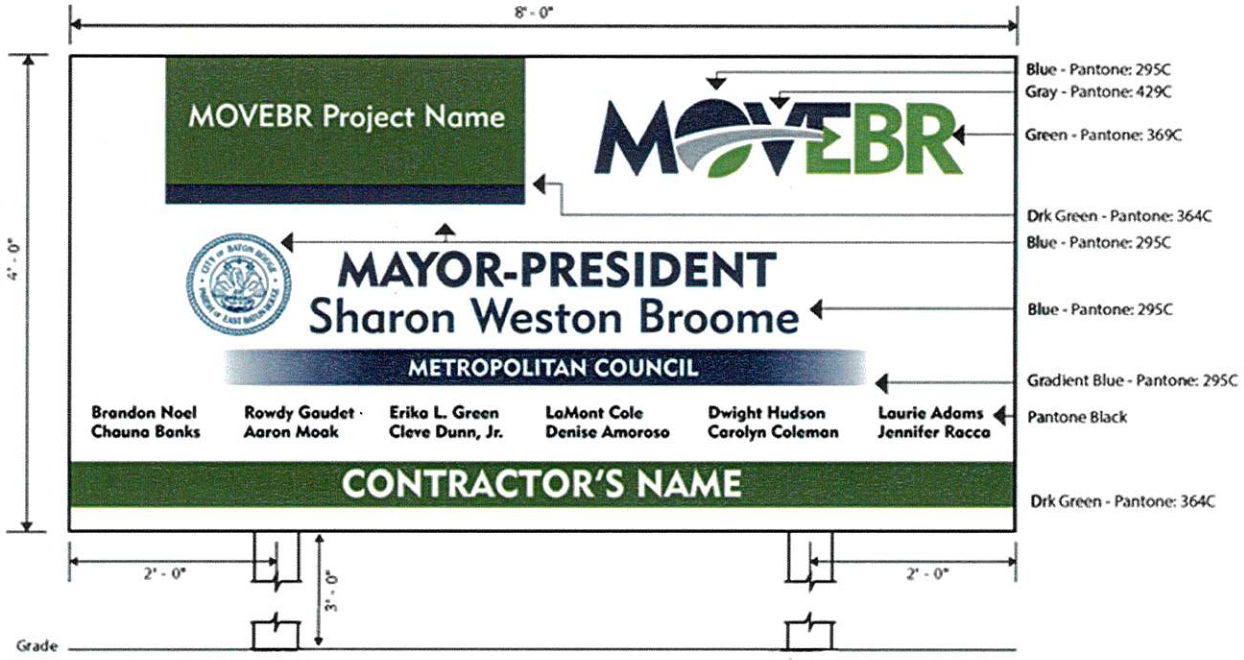
5. UNLESS OTHERWISE DIRECTED, THE SIGN SHALL BECOME THE PROPERTY OF THE CITY-PARISH UPON COMPLETION OF THE PROJECT.

6. SIGN SHALL BE ATTACHED TO TWO 4"X4" WOLMANIZED POSTS (PAINTED WHITE) 10' LONG WITH MINIMUM BURY OF 3'.

7. POST SHALL BE 2' O/C FROM EDGES OF SIGN AND TOP POSTS SHALL BE FLUSH WITH TOP OF SIGN.

8. SIGN SHALL BE FASTENED TO POST WITH 6 (3/8" XTO 3-1/2) GALVANIZED LAG BOLTS WITH GALVANIZED CUT WASHER. 3 PER POST, 6" FROM TOP/BOTTOM AND AT 2' MID-POINT. BOLT HEADS TOO BE PAINTED WITH ENAMEL PAINT TO MATCH SIGN COLORS.

9. ORIGINAL ARTWORK CAN BE PROVIDED TO CONTRACTOR UPON REQUEST BY SENDING AN EMAIL TO MOVEBR@BRLA.GOV



905-3.1.2 Permanent Roadside Signs: Removal of existing signs shall be coordinated with new sign construction to provide adequate signing at all times.

a. **Posts:** The Contractor shall determine length of post required at each sign location. Posts shall be driven vertical by methods that will not damage posts. Minimum ground penetration shall be 2 feet for delineator and object marker signs, and 3 feet for other signs.

b. **Sign Faces:** Signs shall be mounted 7 feet above pavement edge to bottom of sign, except that a secondary sign below another sign shall be mounted 4 feet from pavement edge to bottom of sign. Signs shall have a lateral clearance of 2 feet from pavement edge (or face of curb) to edge of sign, except that delineators and object markers on open ditch sections shall have a lateral clearance of 2 feet from shoulder edge to sign. Sign shall be oriented at a 93° angle from roadway centerline to avoid specular glare.

c. **Dead End Installations:** Timber barricades shall be constructed in accordance with Section 603. Beam guardrail shall be installed in accordance with Section 901.

905-3.2 Pavement Striping:

905-3.2.1 Temporary Striping: Temporary centerline and lane line striping shall be placed at end of each day's asphalt pavement removal or surfacing operations on all lanes that are open to traffic. Centerlines and lane lines shall be marked with 4-foot long stripes on 40-foot centers.

Temporary striping for surfaces other than final surface may be made with striping tape, traffic paint or plastic markings. Temporary striping for final surface shall be striping tape placed to avoid conflict with permanent striping. Temporary striping shall be removed after completion of permanent striping (when specified).

905-3.2.2 Permanent Striping: This subsection is hereby deleted and Section 1195 Pavement Markings substituted therefore.

905-3.3 Raised Pavement Markers:

a. **Surface Preparation:** Surfaces on which markers are to be applied shall be cleaned of materials that may reduce bond of adhesive. Surfaces shall be cleaned by blast cleaning or other methods which do not damage surface; however, blast cleaning equipment shall be provided with positive cutoff controls. Surfaces shall be blown dry immediately prior to marker placement.

b. **Weather Limitations:** Markers shall not be applied when air temperature is below 50° F.

c. **Marker Application:** Markers shall be placed with bituminous adhesive on asphalt surfaces and epoxy adhesive on concrete surfaces.

   1. **Bituminous Adhesive:** Adhesive shall be applied to surface at approximately 400°F and marker immediately embedded in adhesive.

   2. **Epoxy Adhesive:** Adhesive shall be applied to surface at approximately 95°F and marker immediately embedded in adhesive. Voids in bottom of marker shall be filled with adhesive just before marker placement.

   Adhesive bed area shall be equal to the bottom area of markers, and adhesive shall be applied in sufficient quantity to cause excess adhesive to be forced out around the perimeter of the marker. Voids in markers with an open grid pattern on bottom shall be filled with adhesive during placement.

   Unless otherwise directed, the raised pavement markers shall be installed prior to the placement of the thermoplastic striping.

d. **Blue Markers:** Blue raised reflective markers shall be placed at the locations of the existing markers or as directed. Unless otherwise directed, a blue marker shall be placed in the center of the closest lane opposite each fire hydrant.

905-5 MEASUREMENT:

a. **Signing:**

1. **Temporary Signs and Barricades:** When the contract does not include a pay item for "Temporary Signs and Barricades," the providing of temporary construction signs and barricades will not be measured for payment.

   When a pay item for "Temporary Signs and Barricades" is included in the contract, the furnishing, erecting, maintaining and removing of temporary construction signs and barricades will be measured on a lump sum basis.

2. **Permanent Signs:** Signs will be measured by the square foot. No measurement will be made for posts.

3. **Delineators and Object Markers:** Delineators and object markers will be measured per each, including post.

4. **Dead End Installations:** Dead end road installations will be measured per each, including piling, posts, sign materials, reflectors, barricades and guardrail.

b. **Striping:**

1. **Temporary Traffic Striping:** When the contract does not include a pay item for "Temporary Traffic Striping"' the providing of these markings will not be measured for payment.

   When the contract includes an item for "Temporary Traffic Striping", the furnishing, placing, maintaining and removing these markings will be measured on a lump sum basis.

2. **Permanent Markings:** Striping will be measured by the linear foot, exclusive of gaps. Legends and symbols will be measured per each.

c. **Raised Pavement Markers:** Raised pavement markers will be measured per each.

905-5 PAYMENT: Payment for traffic signs, striping and raised markers will be made at the contract prices.

Partial payments for temporary signs and barricades will be made in accordance with the following schedule;

% of Total Contract Amount Earned	Allowable % of Lump Sum Price for Item
1st Partial Estimate	20
25	40
50	60
75	80
100	100

No direct payment will be made for removing existing pavement markings, project signs or Traffic Control Management.

905-6 PAY ITEMS:

Item No.	Item	Unit
9050100	Temporary Signs and Barricades	Lump Sum
9050200	Traffic Signs	Square Foot
9050300	Delineator	Each
9050400	Object Marker	Each
90505--	(Type) Dead End Installation	Each
9050600	Temporary Traffic Striping	Lump Sum
90507--	Painted Traffic Striping (__" Width)	Linear Foot
90508--	Plastic Traffic Striping (__" Width)	Linear Foot
90509--	Painted Legends and Symbols (Type)	Each
90510--	Plastic Legends and Symbols (Type)	Each
9051100	Raised Pavement Markers	Each