

ADDENDUM NO. 4

LITTLE CALUMET RIVER TRAIL PEDESTRIAN BRIDGE LITTLE CALUMET RIVER TRAIL OVER CALUMET AVENUE CITY OF HAMMOND, INDIANA

Addendum No. 3 was re-posted with the revised plan sheets attached.

Item 3 on Addendum No. 2 is deleted. The requirements of Articles 12 and 15 in Section 00 21 13 Instructions to bidders are restored.

Additional questions and answers are pending and will be provided with a future addendum.

Contractor Questions and Engineer Answers

1. Contractor Question

Regarding the blowing reeds railing: can you confirm this custom railing is on all the bridges or just span B?

Engineer Answer

The custom bridge rail shall be installed on all four bridge spans.

2. Contractor Question

Gator Dock stated that it cannot manufacturer curved hand rail sections. Please advise.

Engineer Answer

Hand rail sections are not required to be continuous on top of sections of curved walls. Individual sections of straight hand rail are permitted for installation on top of curved wall segments. Hand rail sections on top of curved wall segments shall be manufactured to meet the requirement for post spacing and non-continuous rail sections on sheet 50 of the plans.

3. Contractor Question

Will an approved equal be permitted for the aluminum hand rail?

Engineer Answer

No. The product specified in Section 00 73 00 01 shall be used.

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4. Contractor Question

Are the undercuts at the MSE Walls, currently shown in the cross sections, going to be incidental to Common Excavation or will these undercuts be paid for as Common Excavation? Special Provision – Subgrade Improvement for MSE Walls, states it is paid as Common Excavation, but it does not appear to be included in your Common Excavation Quantity.

Engineer Answer

Excavation for undercut areas as shown on the cross sections are quantified in the earthwork summary as common excavation. See the notes with the summary of quantities table on sheet 49.

5. Contractor Question

There are no provisions for a tensioning system in the plans. I would suggest a stainless steel cable tension system, but we will need to add some coordination with the steel fabricator to add some brackets during the construction.

Engineer Answer

See the Special Provision DECORATIVE BRIDGE BANNERS for requirements for attaching the banners to the bridge.

See the below revision to the Special Provision DECORATIVE BRIDGE BANNERS in Section 00 73 00 01.

The second paragraph of the Construction Requirements section in the Special Provision DECORATIVE BRIDGE BANNERS in Section 00 73 00 01 is revised as follows:

The Contractor shall attach the banners on the inside of the stainless steel woven wire mesh panels in Span B of the bridge using stainless or galvanized steel clips or aircraft cable. *The banners shall be attached to the bridge such that adequate tension is developed in the banner so that it is not hanging loosely.*

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6. Contractor Question

Can aluminum panels be substituted for galvanized steel for the bridge signs?

Engineer Answer

Aluminum is not permitted to be substituted for galvanized steel. Aluminum would have a lower weight but has an intolerable risk of galvanic corrosion with the bridge because the signs will be attached to the bridge, and the bridge will be steel.

Insert the following new paragraph between the third and fourth paragraphs of the Special Provision BRIDGE SHEET SIGNS in Section 00 73 00 01 is revised as follows:

The signs may be manufactured from multiple sheets of galvanized steel. If multiple sheets are used, the sheets shall be connected by bracing elements to create the overall oval shape specified on the plans. The individual sheets shall be connected such that sheet edges fit together tightly and are reinforced from vibrations and warping. Bracing elements shall be continuous along the sheet edges being connected.