



# Johnson County Highway Department

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Highway Engineer

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## ADDENDUM #2

DATE: March 19, 2026  
TO: ALL Bidders for the Bridge 85 and P-004 Replacement Project  
RE: **ADDENDUM #2**  
From: Daniel Johnston, P.E., Highway Engineer

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The following items are part of this Addendum:

1. Question received: "The plans list multiple hydraulic conditions, and we want to ensure we size the articulated concrete block mats correctly. Could you please clarify the design values for velocity, shear stress, side slopes, and channel slopes? This information will allow us to provide the appropriate ACB recommendation for your project."
  - a. Answer: The articulated concrete block mats should be designed for the Q100 velocity of 12.60 ft/s, a channel section with flat bottom and 2:1 (max.) bank slopes, and the max. longitudinal slope of 5% at the outlet. The required shear stress for the system should be computed based on these and other provided parameters.

A copy of this Addendum and a signed Acknowledgement of Receipt of Addendum form (included in the Bid Packet), shall be included with the submitted Bid to indicate receipt and acknowledge its requirements. If there are any questions, you may contact me at [djohnston@johnsoncounty.in.gov](mailto:djohnston@johnsoncounty.in.gov).