Call 01 Bridge Rail & Deck Repairs on I-55 North Bound at Waterworks Curve, known as State Project No. MRP-5055-25(272) / 306245301 (Federal Project No. STP-0055-02(249) / 107689301) in Hinds County.

Q1.   There is a note on Plans Sheet 8002 (General Note #13) which states that temporary precast barriers will need to be anchored to the bridge deck when there is less than 8 feet of bridge deck behind the barrier. Would this note be interpreted by the MDOT to require the temporary barriers to be anchored to the bridge deck during the deck hydro-demolition even though the plans imply a partial depth deck removal (about 1.5" depth of deck removal) instead of a full-depth deck removal?

A1.   The barrier is not required to be anchored down during deck hydrodemolition.

Q2.   This project specifies a 1.5" removal of the deck surface with Hydro-demolition. What is the composition, psi of the deck material? Is it standard concrete, Latex, micro silica or something else?

A2.   The information regarding the existing high-friction surface treatment can be found at the link below:
https://file-exchange.mdot.state.ms.us/dl/?f=fec0c021de8de25e3164b577fab34ae143e3bf0d

Q3.   The plans refer to a high friction surface course on the bridge deck (See Sheet 8004). If this material is a significantly harder material than the existing deck concrete beneath it, rotomilling of it may be required prior to hydro-demolition of the concrete beneath it. Could MDOT please provide details as to the material composition of the existing high friction surface course on this bridge?

A3.   See Answer #2.

Q4.   Will MDOT allow rolling single-lane closures for placing the temporary striping during times outside of the lane closure restrictions stated in NTB 343?

A4.   No.

Q5.   Will the MDOT allow the use of rotomilling of the existing concrete deck prior to hydrodemolition due to the presence of the existing high friction surface coarse overlay?

A5.   No.

Q6.   An electrical conduit is bolted to the bridge under the overhang; will MDOT have this removed prior to work getting started?

A6.   Yes