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## RESPONSE TO REQUEST FOR INFORMATION

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**DATE:** February 3, 2016 **RFI No.** 001

**PROJECT:** **Waitsfield BRF 013-4(39) - Bridge No. 177**  
VT Route 100 over Mad River

**TO:** Rob Young

**FROM:** David Kull

**RE:** RFI #1. Wingwall Reinforcing

McFarland Johnson (MJ) has reviewed the question in RFI No. 001 (received on 1/26/2016), and we offer the following response:

- 1. Question:** The layout of reinforcement with required 3" clear and the corresponding NMB splice sleeve layout in the cheek walls results in the #6 transverse bars in the wing being laid out 1'-1/2" center to center and 5-3/4" from the centerline of each bar to the face of concrete, see attached sketches. Relating to the attached sketches please confirm with detailing options shall be used for the wing wall reinforcement.
  - 1. Option #1:** Should #5C-shaped stirrup bars in the wing wall be detailed to be 3" clear from the face of concrete? This option leaves 1-5/8" clear between the #5 C-shaped bars and the #6 transverse bars as shown.
  - 2. Option #2":** Should #5 C-shaped stirrup bars in the wings walls be detailed to be 4-5/8" clear from the face of concrete.

**Response:** The #5 C-shaped stirrup bars shall be detailed with 3" clear from the face of concrete as described and detailed in Option #1.