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ATTN: Kevin Ture

The following is a brief synopsis of the proposed precast structure for bridge #13 of the, VT Route 73 bridge improvement project in Rochester, VT. This synopsis shall be accompanied by a three page set of concept drawings, which should clarify the intent, and briefly describe Michie Corporations proposed changes to the contract plans. The accompanying plans are concept plans only, and are not intended for construction, or fabrication of the precast components. If and when the concept is approved, a detailed, in depth set of shop drawings will be submitted to Schultz Construction.

- We are proposing a continuous, vertical leg arch, as opposed to a sloped leg arch for the bridge structure, as depicted in the stream alteration permit application, approved by the Vermont Agency of Natural Resources
- From page 15 of 238 on the contract plans, we are proposing to increase the leg height of the arch bridge to eliminate the pedestal portion of the footing on the southeast side of the structure.
- We are proposing slab style footings for wingwalls 2, 3, and 4. Wingwall 1 will remain a pedestal style footing due to the stream inlet elevation.
- We are proposing that the wingwall footings be 3'-0" wide, as opposed to 6'-0" wide as detailed on the contract plans. This is the standard footing for an anchor style wingwall which is limited in width due to the geometric design of the wingwall anchors. This system has been utilized on similar projects throughout NH and VT and is on the approved list of precast products from the VAOT.