

Delaware Department of Transportation

QUESTIONS AND ANSWERS

T201307102.01

BR 1-254 ON N350 OLD NEWARK ROAD OVER COOL RUN, NEW CASTLE COUNTY

Thursday, August 25, 2016

Q #	Question	Answer
3	It has been brought to our attention that this precast rigid frame is not going to be able to be cast without the use of specialized forms due to the large skew angle. Would it be possible to cast-in-place either a portion or all of the rigid frame?	No, the Department has constructed several rigid frames of similar or greater skew angle using precast concrete methods.
2	Sheet 11 of 27 of the plans marked “BR 1-254 ON N350, OLD NEWARK ROAD OVER COOL RUN”, shows a typical reinforcing arrangement for the precast rigid frame. The span is shown as 24’-0”, which is the clear span perpendicular to the stream centerline. Has the reinforcing been checked for adequacy at the skewed ends, i.e. the “skewed span” at the end of the culvert run? If not, then we would assume that a full design run would have to be performed by the precasters for that span, which would then require full calculations and load ratings to be done and submitted. Please indicate whether the reinforcing shown can be used at the end skewed spans. The effective span at the extreme end of the section is 27.7128 feet.	The reinforcing for the rigid frame section shown on sheet 11 of 27 was designed for an effective span of 27.7128 feet, i.e. the skewed distance parallel to the centerline of the road, and for frame sections with joints and longitudinal reinforcement running parallel to the centerline. A skewed end section was not considered in the design. If the contractor/precaster proposes a different configuration, such as a skewed section, then details, calculations and load ratings would have to be submitted.

Thursday, August 18, 2016

1	Concerning Item 749687 – Installation or Removal of Traffic Sign on Single Post. Everything in the specification gives the indication that this item is paid by the post. However, in the Method of Measurement, it states that the payment is actual number of signs removed or installed. Is payment by post or number of signs on post?	Payment is by post. See Addendum 1.
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