

Delaware Department of Transportation

QUESTIONS AND ANSWERS

T201907103

BR 1-084 ON N234 TWADDELL MILL ROAD OVER TRIBUTARY TO BRANDYWINE CREEK

Friday, June 26, 2026

Q #	Question	Answer
3	<p>On Sheet 10 Bridge Section A-A, structural backfill is shown above the reinforced concrete pipe. Please confirm whether this is the only location where structural backfill is required.</p> <p>If structural backfill is required in additional areas, please provide clarification regarding the limits of structural backfill and associated excavation.</p>	<p>Structural Backfill, Type C (207023) is not strictly limited to areas above the reinforced concrete pipe. All areas around the reinforced concrete pipe within the limits of structural excavation must be backfilled. Please refer to Section 207 of the Standard Specifications for the limits of structural excavation and backfill.</p>

Thursday, June 18, 2026

2	<p>Please confirm where Borrow Type F will be utilized on the site.</p>	<p>Borrow, Type F is to be installed in accordance with Sections 202 and 211 of the Standard Specifications. This constitutes areas of backfilling up to proposed grade that are outside the proposed roadway box and structural excavation limits.</p>
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Q #	Question	Answer
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Thursday, June 11, 2026

1	<p>On Plan Sheet 10 of 20, a cast-in-place concrete header is indicated; however, the required details could not be located in the contract documents. Please provide the header dimensions (width, depth, and length), reinforcing steel requirements (bar size, quantity, spacing, and placement), and concrete strength requirements.</p>	<p>The length and width of the concrete header can be found in a note callout on Sheet 10 of 20 of the plans in the UPSTREAM ELEVATION detail. The note calls out the 8' x 8' CAST IN PLACE CONCRETE HEADER.</p> <p>The reinforcing steel and concrete requirements we will be provided via an addendum containing the following information:</p> <ul style="list-style-type: none"> •Concrete requirements •Reinforcing steel requirements •Approximate temperature and shrinkage reinforcement through plan details and reinforcing bar table <p>Due to the modular block wall being designed by the Manufacturer, a submittal of the cast in place concrete header must be provided to ensure proper fit with the modular block wall. Please note this submittal will include the depth of the headwall in question as this dimension is dependent on the modular block wall selected and its design. The submittal will also need to contain design for header reinforcement, as needed, as what will be provided in the addendum is minimum reinforcement based on temperature and shrinkage, and crack control around pipe.</p>
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