

Call 13 Bridge Replacement on SR 27 over the Big Black River (Bridge No. 117.9), known as Federal Aid Project No. BR-0054-02(028) / 107391301 & 302 in Hinds & Warren Counties.

Q1. Are as built plans available for the existing bridge?

A1. The plans for the existing bridge can be downloaded from the link below:
<https://file-exchange.mdot.state.ms.us/dl/?f=8123c2535d45fcc49be6caa98d620e3d9dd53737>

Q2. 304-B004 Granular Material, Class 5, Group D is not available with the source suppliers. Would it be replaced with some other appropriate material?

A2. See addendum.

Q3. On sheet number 54, SDBE-1, in section A-A the plans call for #7 bars on 8" spacing in the bottom mat. Also on sheet number 54, in the Plan section and section C-C the plans call for #6 bars on 6" spacing. Could you please clarify which one is correct?

A3. #6 bars at 6" spacing is correct.

Q4. Please confirm that it is acceptable to add a field splice in the 174'-7" girders (no greater than 50 ft. from the end) at each abutment span. Additional engineering / design work performed by supplier and reviewed / approved by MDOT. Additional weight of splice will be paid by MDOT at unit price.

A4. See addendum. Yes, the additional weight of the splice will be paid at the unit price.

Q5. Per Sheet 37-40 Phase 2 Note, contractor is to "site grade old S.R.27 embankments as indicated (see X-sections)." The cross sections indicate that any old S.R.27 embankment falling outside the new embankment template is to be remove to natural ground and graded to drain. Please confirm MDOT's intent is to excess all old S.R.27 embankment falling outside of the new embankment template.

A5. It is the intent to excess and site grade the old SR 27 embankment in accordance with the plans and cross sections as necessary to accommodate drainage.

Q6. Will it be allowed to add a field splice where needed to reduce the lengths of the girders? Will MDOT design any allowable additional field splice or will that be the contractor's responsibility?

A6. See addendum.

Q7. There are two different standards for the Bridge End Pavement in the plans (BE-1 and SDBE-1). Please verify which standard should be used. Also, standard SDBE-1 shows two different bar sizes for the bottom longitudinal steel with different spacings. Please verify whether #6 bars at 6" spacing or #7 bars at 8" spacing should be used.

A7. See Answer #3.

Q8. In reference to NTB No. 2672, is the riprap ditch at Station 628+50 considered to be the waterway? Can a riprap crossing be used in the riprap ditch? Does waterway only refer to the Big Black River?

A8. See addendum.

Q9. Is the SR 27 Big Black River Bridge on Call 013 straight or curved? I cannot find any indication of a radius and all the girders are identical in length across the bridge. But a couple of the drawings look like there is the slightest curvature. Are the girders straight and the deck is slightly curved? If it the girders are curved, what is the radius and what should the girder lengths be on each girder line?

A9. See addendum.

Q10. There is a huge discrepancy between theoretical and plan shown quantities for pay item: 907-804-A002: Bridge Concrete, Class AA. Would this pay item be revised to reflect the plan quantities?

A10. Bidders are advised to bid as per the plans.