

Call 07 Bridge Replacement on SR 4 over the BNSF Railway & MS Central Railroad Company (Bridge No. 75.3), known as Federal Aid Project No. BR-0060-03(024) / 105333301 in Marshall County.

- Q1. 1.) Regarding the pedestrian railing for this job, can you provide a detail on the connection of rail to the concrete posts they sit in between? 2.) Will these rails slide into each steel post? Or do they need to be welded to the post? 3.) The drawing provided shows the 1/2" rails fitting inside what could be assumed a piece of tubing. If so, how long is the piece of tubing that is acting as the female connection? 4.) Once again do they weld into place? Description for rails only provides dimensions of the rail as 1/2"x1/2". 5.) Will this be square tubing or solid square stock? 6.) Description for the steel post provides dimensions of the post to be 2-1/2" O.D. with a wall thickness of 5/16". This is not a common or nominal pipe size. Can a nominal pipe size and schedule be used instead along with a ball cap to match?
- A1. 1.) This is a Contractor-designed element. 2.) This is a Contractor-designed element. 3.) This is a Contractor-designed element. 4.) This is a Contractor-designed element. 5.) The intent was for square tubing to be used; however, solid square stock may be substituted at the Contractor's request. 6.) The railing detailed in the plans is to match as closely as possible the railing/fencing of surround property owners. Different pipe sizes and schedule may be proposed as long as it meets the intent of matching surround fencing.