

Proposal 15702
Ames DOT Warehouse Dock Expansion Project
Questions and Responses Set 5

Q1) Clarify which steel will need to be fire proofed. Just the steel in the new addition? Or does the C-channel header over the north loading door need fire proofing as well?

R1 The steel C-channel header on the north side and the steel columns and beams on the south side will need to fire proofing.

Q2) Is a plain CMU finish for the window/door infills ok? If the block is not flush with the existing face of the walls, and there is a small setback on one or both side is this ok?

R2) The CMU block infill in the old warehouse brick openings are to be 3 hour rated masonry block and it is acceptable to have a plain finish. A setback is acceptable as long as all gaps and holes that may be exposed in the adjacent brick are grouted full.

Q3) If the block is not flush with the existing face of the walls, and there is a small setback on one or both side is this ok?

R3) A setback is acceptable as long as all gaps and holes that may be exposed in the adjacent brick are grouted full.

Q4) Provide more clarification on what items are to paint. The additional questions/answers provided to date have some information, but it is not clear enough to provide accurate pricing. Does the steel door frame around the new north OH door get galvanized and painted? Does the salvaged HM door need a new coat of paint? If the new steel in the addition does not get fire proofing, does it need to be painted? Do the bollards get galvanized and painted?

R4) On-site painting will no longer be required on this project.

Q5) Also provide more clarification on what items are to paint. The additional questions/answers provided to date have some information, but it is not clear enough to provide accurate pricing. Does the steel door frame around the new north OH door get galvanized and painted? Does the salvaged HM door need a new coat of paint? If the new steel in the addition does not get fire proofing, does it need to be painted? Do the bollards get galvanized and painted?

R5) On-site painting will no longer be required on this project..

Q6) Only one manufacturer is able to price the precast panels as spec'd. We recommend revising the spec to a smooth wall panel or similar to provide a wider range of options and pricing ability.

R6) Provide a medium sand blast finish on new precast concrete wall panels in lieu of the ribbed finish.

Q7) Also, to provide more information on locating pre-stressed strands in the precast panels we are to cut the new OH door into. Do the strands exist in the panels? Are there previous shop drawings that can be used as reference?

R7) According to our Structural Engineer, there are prestressed reinforcing strands in the existing precast wall panels. He indicated that Allender-Butzke and Terracon both have equipment available to locate rebars and strands in concrete. Strands can also be located by removing metal roof flashing on top and bottom of the wall panels. The ends of the strands are typically visible on the top and bottom panel because they panels are typically poured together then cut by manufacturer leaving the strands visible. See attached photo.

Strands typically visible at ends of wall panels

