

15 June 2016

SUBJECT: Stone Size Revision for the Pomeroy, OH Sec. 14 Project

1. A revision to the Government Feasibility cost estimate for the subject project was required due to a change in designed stone gradations to a 12-inch top size from a 24-inch top size. Treatment features, including discontinuous longitudinal dikes and stone buttress, utilizing 12-inch stone gradation will better assure retention of bank soils and fill and protection from flood flow and recession-related erosion and subsequent relic wall failure. The 24-inch stone treatment would have void sizes large enough to allow retained material to pass through the treatment, without acting as a filter. A revised cost estimate was required because stone smaller than 18 to 24-inch top size is typically less expensive due to the use of hopper barges rather than deck barges (hopper barges can hold greater tonnage) together with decreased production, processing, and handling costs.



Rebecca A. Bennett, P.E.  
Lead Engineer  
(304) 399-5711