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A CASE STUDY IN SEWER REHABILITATION COMPARING DESIGN/BUILD TO TRADITIONAL DESIGN/BID/BUILD

Joseph S. Kowalczyk, P.E.¹, Thomas Morgan, P.E.² and John D. Pettinelli, P.E.³

¹ CDM Constructors Inc., Cambridge, MA

² CDM, Cambridge, MA

³ Department of Public Works, Whitman MA

ABSTRACT: Various organization metrics cite the benefits of alternative delivery in reducing delivery time, saving clients money, and managing project risk. In December of 2004, CDM provided emergency response engineering and construction for improvements to 1,700 feet of 21-inch and 24-inch reinforced sewer pipe (RCP) and 8 access manholes from the Town of Whitman Pump Station to the City of Brockton Collection System. In early 2005, the Town engaged CDM to design and publicly procure a similar section of force main with similar requirements for restoration. The case study presents the comparison metrics of the two alternative procurements that offer the Town's documented experience with each project's cost, schedule, and risk profile, demonstrating the benefits of using design build in sewer pipe rehabilitation.