

Abstract No 49

CATT Trenchless Technology Roadshow 2018

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Application of Zoom Camera Inspection for Asset Management Planning

Municipal wastewater collection / infrastructure managers are faced with the task of developing viable asset management strategies and plans without a comprehensive dataset that provides the answers to the six basic asset management questions. The presentation will focus on the need for municipalities to look at the system as a whole when planning near and long term rehabilitation and operational programs. This presentation will highlight the benefits of adopting a zoom camera inspection program to assist in the development of these plans and will clearly illustrate the real cost and time savings associated with this technology. Case studies from ongoing assignments in Hamilton and Waterloo as well as the Town of Caledonia will present the following items; data collected, savings in both cleaning costs and project time, flushing program development, and the application of the assessment data to the asset management program development. Utilization of Trimble GIS data gathering equipment will be addressed as well. The limitations and various applications of zoom camera technology will be displayed graphically along with real client generated mapping depicting sewer condition assessment data (structural and operational), infiltration and inflow, manhole and pipe data.

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