

CITY OF LAS VEGAS SEWER REHAB GROUP H LAS VEGAS, NEVADA



The project includes the rehabilitation of existing sewers and manholes within the City of Las Vegas' sewer system. For Group H, it includes miscellaneous repair or replacement of approximately 16,000 feet of 21 to 27 inch sewer and 43 manholes in Lake Mead Boulevard from Rancho Drive to Rampart Boulevard. Televising of aging sewer revealed structural defects which indicated a potential for failure. This project is part of a program to televise conditions and is necessary to avoid potential liabilities. The project begins near the intersection of North Town Center Drive and Covington Cross Drive and continues on Village Center Circle onto Hills Center Drive to Lake Mead Boulevard where the project continues east on Lake Mead Boulevard to Rancho Drive.

GES' scope-of-services for the project included working closely with the construction manager from GCW to provide field staffing and laboratory testing for observation and testing. Qualified GES field personnel performed periodic testing services of sewer bypass, trench backfill, pavement, subgrade and base. Samples of concrete for every 150 cubic yards during concrete placement were taken. For each sample, GES performed slump and temperature testing on the concrete and cast concrete cylinders for laboratory testing to evaluate the compressive strength of the concrete sampled. GES obtained sets of concrete cylinders for laboratory testing to evaluate whether concrete met the minimum specified 28-day strength. GES prepared, stored and retrieved the concrete cylinders as well as tested the compressive strength of the cylinders in accordance with the project specifications. Periodic testing services of asphalt patches was also provided.

The project included the installation of CIPP pipeliners.

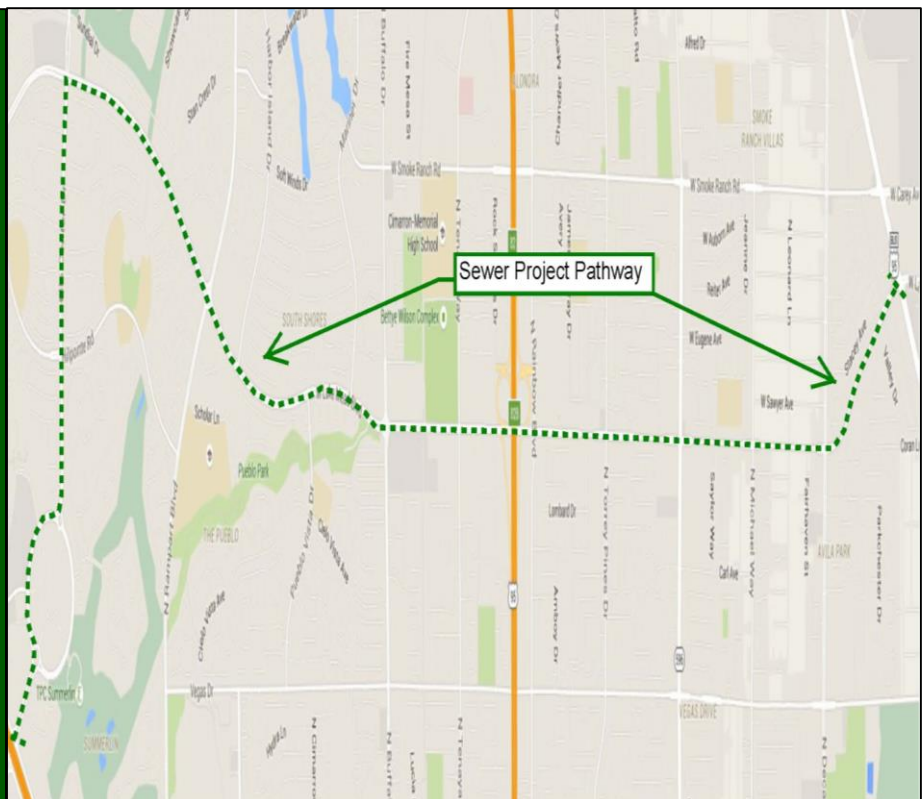
PROJECT OWNER:
City of Las Vegas Public Works

GES CLIENT:
G.C. Wallace

POINT OF CONTACT:
*Mr. Nick Largent (702)
804-2026*

TOTAL PROJECT COST:
\$8,732,000

FIRM RESPONSIBILITY:
\$17,495



OTHER GES PERSONNEL WHO PROVIDED SERVICES NOT LISTED ON FORM H

Thomas Thompson – Materials Testing Technician

Robert Thomsen – Technical Review