April 20, 1960

John T. O'Halloran, City Manager

Blaine L. Harrison, Assistant Director of Public Works

Sewer Main Collapse: Evandale Trunk Sewer
Location: Adjacent to and West of Moffett Interchange

File: Sewers 1960

On March 30, 1960, I reported a sewer collapse to you requiring emergency action. The construction firm of McGuire and Hunter was authorized to proceed with the necessary excavation and repair in order to relieve the sewer stoppage and prevent damage due to the potential collapsing of the State access road.

When the excavations had been completed, it was discovered that 100 linear feet of 15-inch sewer pipe was cracked and broken. An analysis of the fractures, which were longitudinal and uniform along the top, bottom and sides of pipe, indicated the cause of failure was due to the absence of bedding material which was not required at the time of construction of this sewer (1953). The back-fill and bedding material used was native material which evidently was not capable of being compacted properly to provide uniform support for the vitrified clay sewer. I might state at this time that, for the past four years, granular bedding material has been required on all our sewer construction jobs in order to prevent failures of this very nature.

The cost for this repair work is $2842.45. The attached invoice has been thoroughly checked by this Department and found to be in order.

It is requested that you initiate the necessary action for the payment of this invoice and notify the Director of Finance regarding the proper disposition.

BLAINE L. HARRISON

BLAINE L. HARRISON

BLH:JH

cc: Director of Public Works
Director of Finance
Sewer Foreman
Breslin
Administrative Asst.
F w/attach
V