Rio Grande Sewer Repair
Photographs - 1954

Repair by Shufflebarger Contractor as ordered by the City Commission on the recommendation of E.O. Betts City Engineer
Introduction

The pictures and captions in this slide show are from an album owned by the Collection Section – Field Division of the Albuquerque Bernalillo County Water Utility Authority. We do not know the story of why repairs were ordered but we like the old pictures. It is fun to see Albuquerque so long ago. The pictures of old sewer construction are very informative. We hope you enjoy this as much as we do.
Rio Grande Road Blocked – Northbound traffic was routed East on Indian School Rd.
Miller Smith Boot – used to relay 18” line No. from Indian School Rd. to Zickert Rd. 2/12/54
This type of Concrete Y. was used in all repairs – Y is 4’x8’’ with 3 possible connections.

Joint of 10” pipe removed from the relayed Montoya line – This section of line from Thompson Rd. No. to a point 220 ‘ft. No. of Mountain Rd. was removed and replaced because of the use of Mastic compound, an oily-tar like material, was not satisfactory for water tight construction.
Heavy concrete collar poured around joint of pipe for riser footing upon which would be poured a heavy concrete stock around the 6” riser pipe to water level – this type of reinforcement was declared unnecessary by the City Engineer at an early date of the original construction, recommended construction was the use of Hot Tar and Okum joints and a carefully tamped backfill.
(Left) Workman tamping Okum into bell of riser joint below water table.

(Right) Workman pouring hot tar into the riser, joint over packed Okum.
Discoloration of grout indicate a leaking connection in 18” line No. of Zickert Rd. This joint was cleaned and re-grouted. This was the only leaking concrete joint found by the City Inspector.

2/16/54

(Bottom) Completed Y-Riser.

2/23/54

2/22/54

(Top) First joint of riser cemented into bell of trunk line.
(Left) Tamping around trunk line near a riser.

(Right) Discarded Mastic line 15” Montoya line.
(Left) Riser Found 360’ No. of Ortiz M.H. was only 2’ below the street grade.
(Bottom) Riser 360’ No. of Ortiz M.H. upper portion of the broken Y-joint has been removed.

2/26/54
(Left) Riser 420' No. CF Ortiz M.H. Clam bucket lifting broken riser barrel from 18” line.
(Bottom) Riser 420’ No. of Ortiz M.H Close up of T, in the trunk line.

2/28/54
(Left) Riser removed from 245’ No. of Ortiz M.H.

(Right) Disconnected riser stack being removed from Rio Grande line 143’ No. of Ortiz M.H.

2/23/54

2/24/54
(Top) Base of riser 7' No. of Ortiz M.H.

(Bottom) Riser base 7' No. of Ortiz M.H.

2/26/54
(Left) First riser removed from 460' No. of Ortiz M.H.in good condition.

(Top Right) Inside 18” line after removing mastic compound and re-grouting with cement.

(Bottom Right) Inside 8” Lateral line west from Rio Grande and Zickert M.H.
Rio Grande at Indian School Rd. Detour removed – water tank was used in testing.