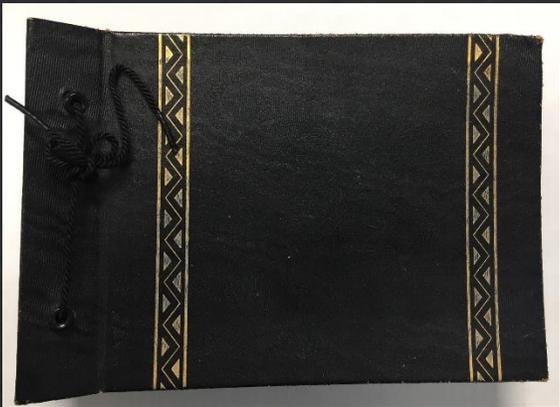


# Rio Grande Sewer Repair Photographs -1954

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.



# Photo Album Original Copy

2-12-54

Miller Smith Boot - Used to  
relay 18" line No from Indian School  
Rd. to Zikart Rd.



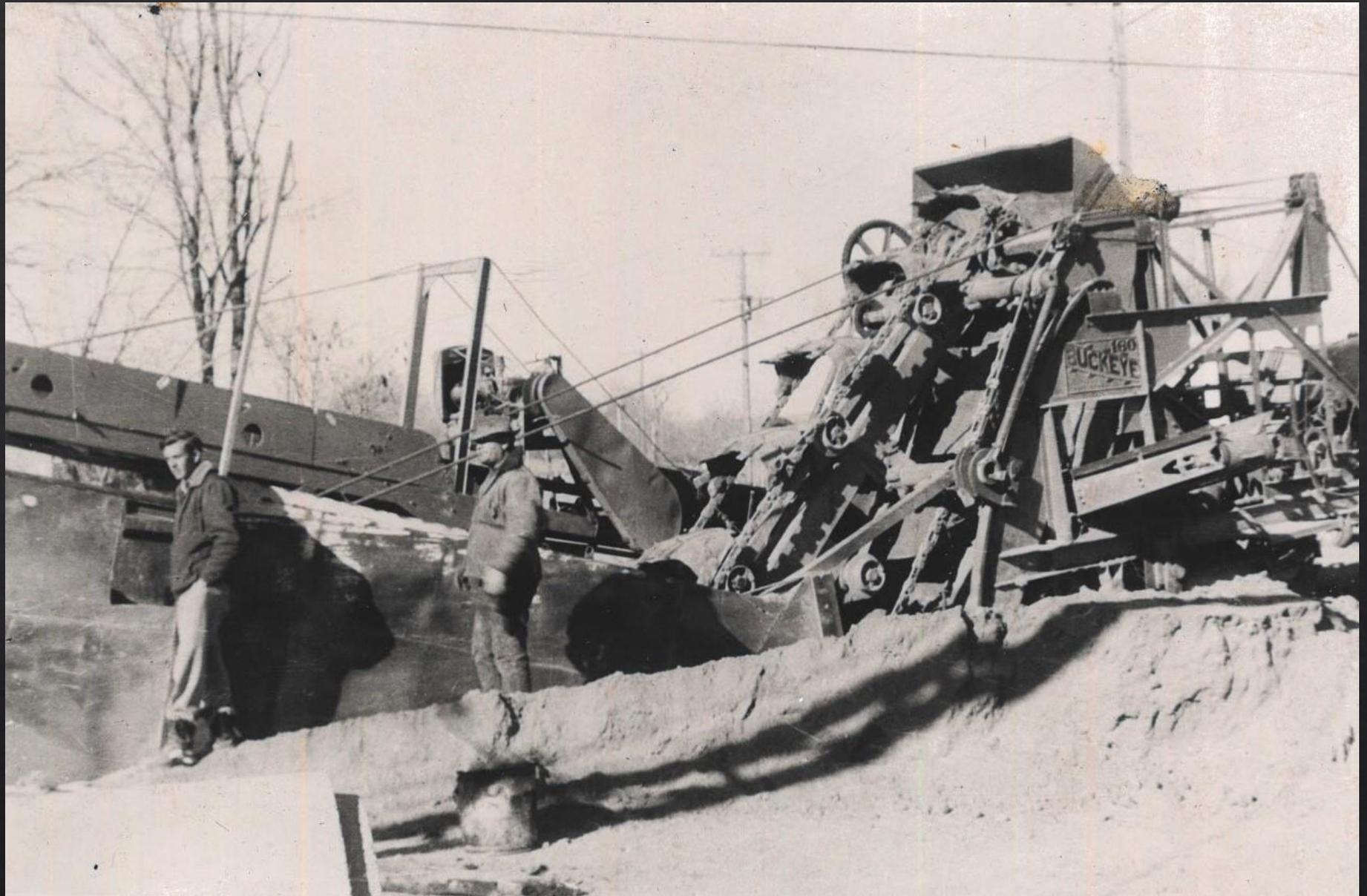
2/18/54

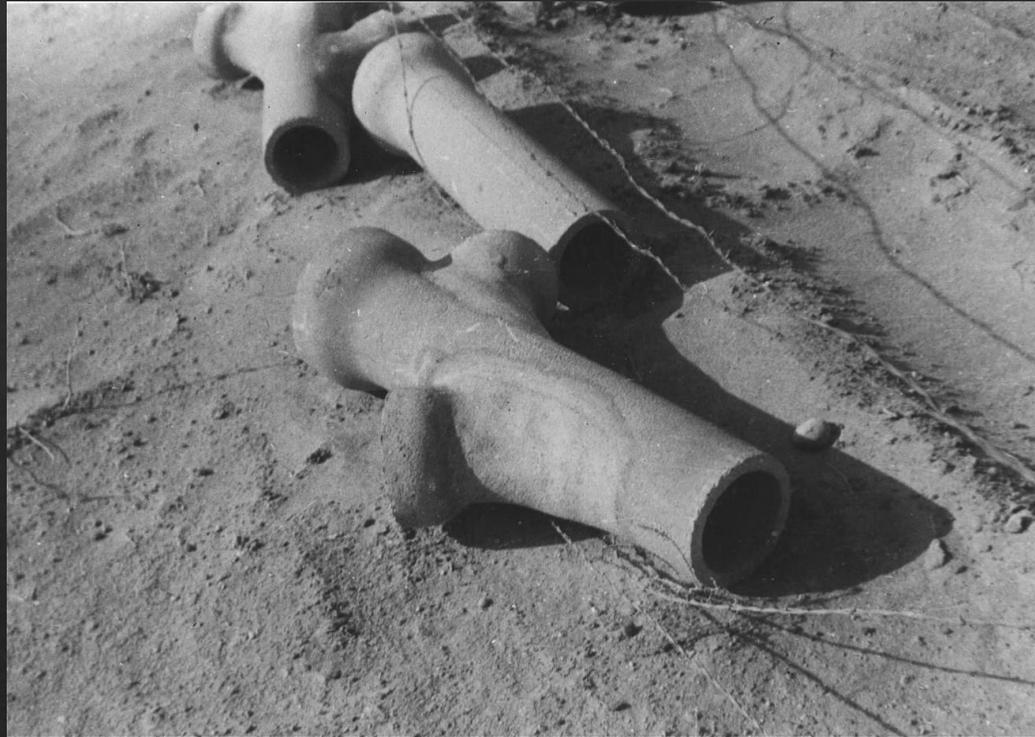
Rio Grande Road  
Blocked –  
Northbound traffic  
was routed East on  
Indian School Rd.



2/12/54

Miller Smith Boot –  
used to relay 18" line  
No. from Indian  
School Rd. to Zickert  
Rd.





2/25/54

This type of Concrete Y. was used in all repairs – Y is 4'x8" with 3 possible connections.

2/20/54

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.





2/26/54

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.

2/26/54

15” Mastic Joints of Concrete Pipe removed from the Montoya line at the corner of Montoya and Mountain Rd.





2/21/54

(Left) Workman tamping Okum into bell of riser joint below water table.

(Right) Workman pouring hot tar into the riser, joint over packed Okum.





2/16/54

(Top) 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.

2/23/54

(Bottom) Completed Y-Riser.



2/22/54

(Top) First joint of riser cemented into bell of trunk line.





2/20/54

(Left) Tamping  
around trunk line  
near a riser.

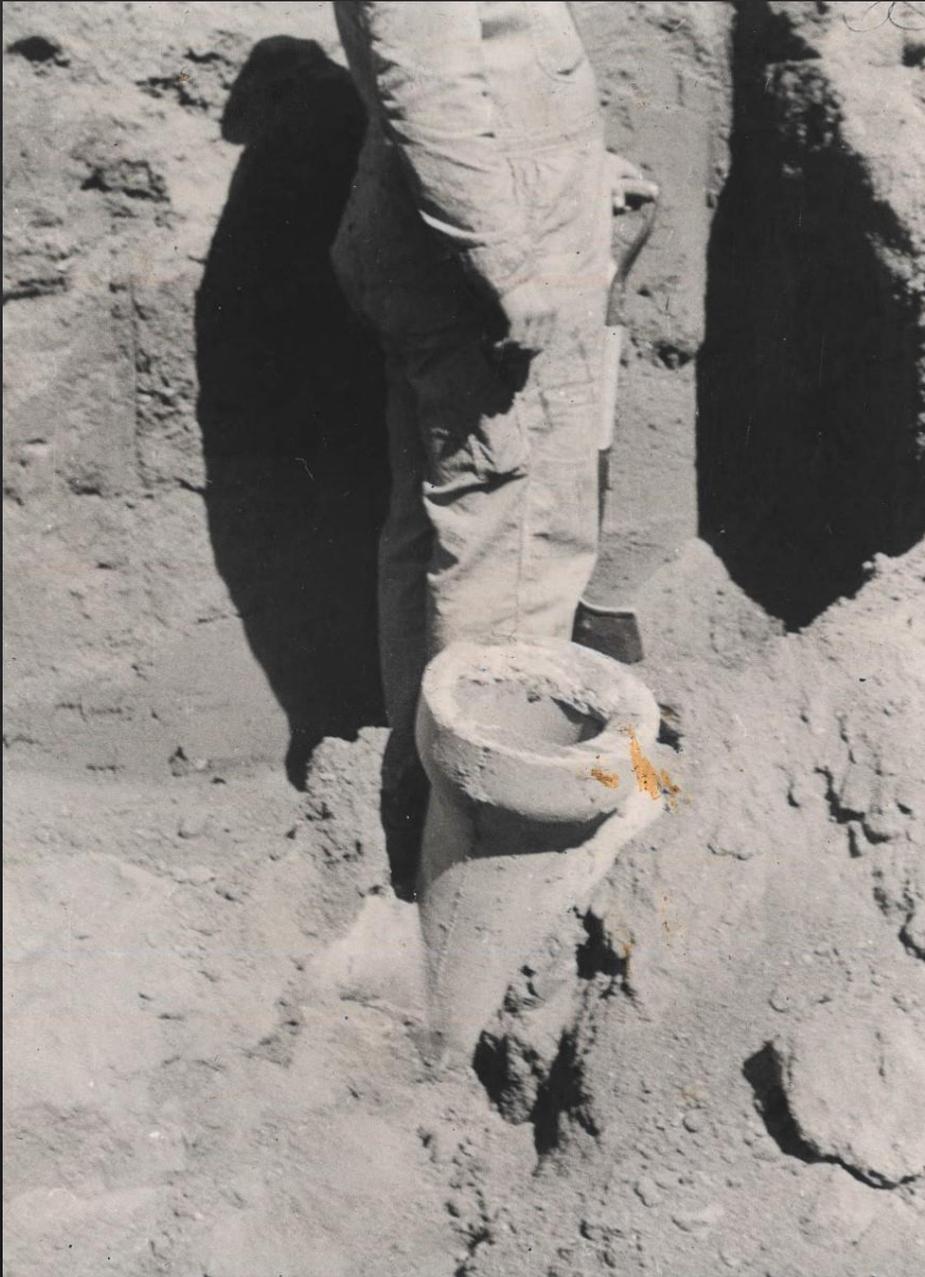
(Right) Discarded  
Mastic line 15"  
Montoya line.



2/26/54

(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.





2/28/54

(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.





2/24/54

(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





2/26/54

(Top) Base of riser 7' No. of Ortiz  
M.H.

2/26/54

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





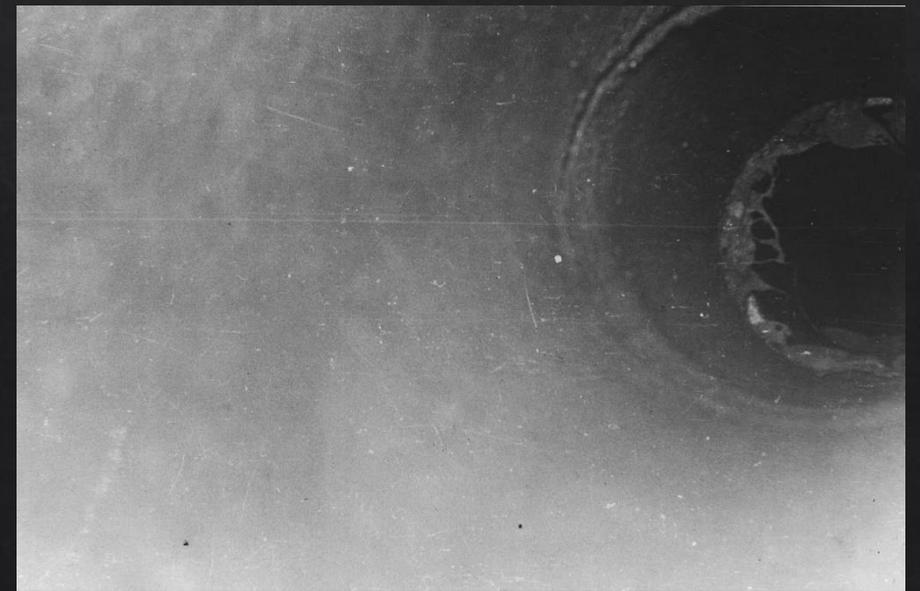
3/1/54

(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.

3/6/54



3/4/54

Rio Grande at  
Indian School Rd.  
Detour removed –  
water tank was  
used in testing.

