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Leonard Rice
Harold F. Bishop

OFFICES IN
Denver and
Granby, Colorado

November 5, 1975

Mr. Bill DeGroot
Urban Drainage & Flood Control District
181 E. 56th Avenue
Denver, Colorado 80216

Re: Niver Creek Flood Damage Study

Dear Bill:

Here are some photo copies of photographs that I took during the course of our flood damage study of Niver Creek on July 14 and 16, 1975. The originals will be available for you in our office.

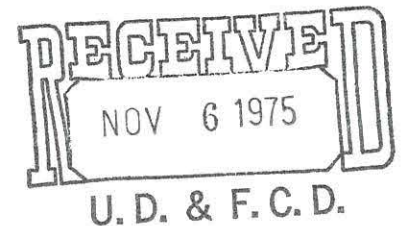
Very truly yours,

LEONARD RICE CONSULTING WATER ENGINEERS, INC.

Leslie H. Botham

Encls.

LHB/jb
#215-07



Hydrology
Water Rights
Environmental Analysis
Urban Drainage



9/16/75

Tributary M outlet at
Holiday Hills Mobile
Home Park near Pecos.
Water backed up to
mailbox (see arrow).

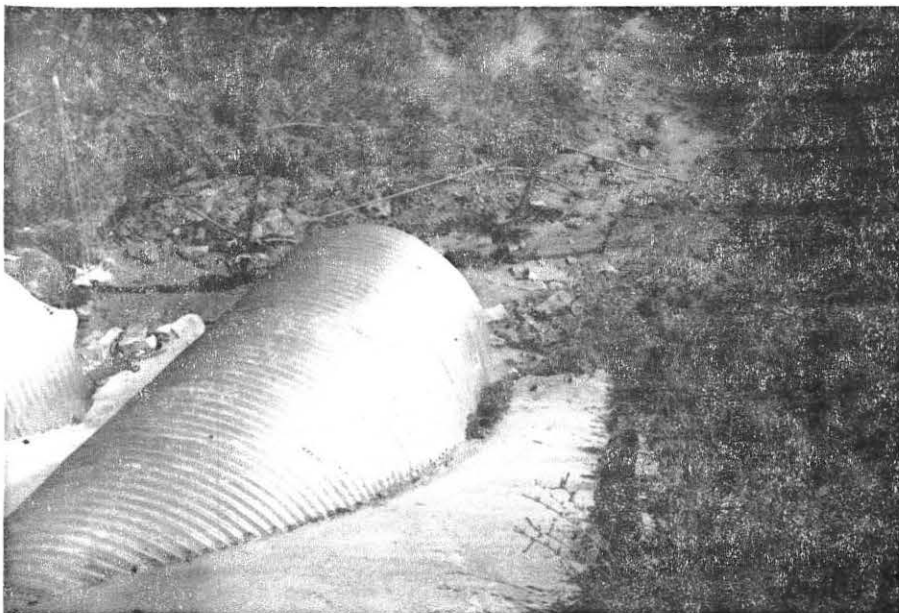
9/16/75

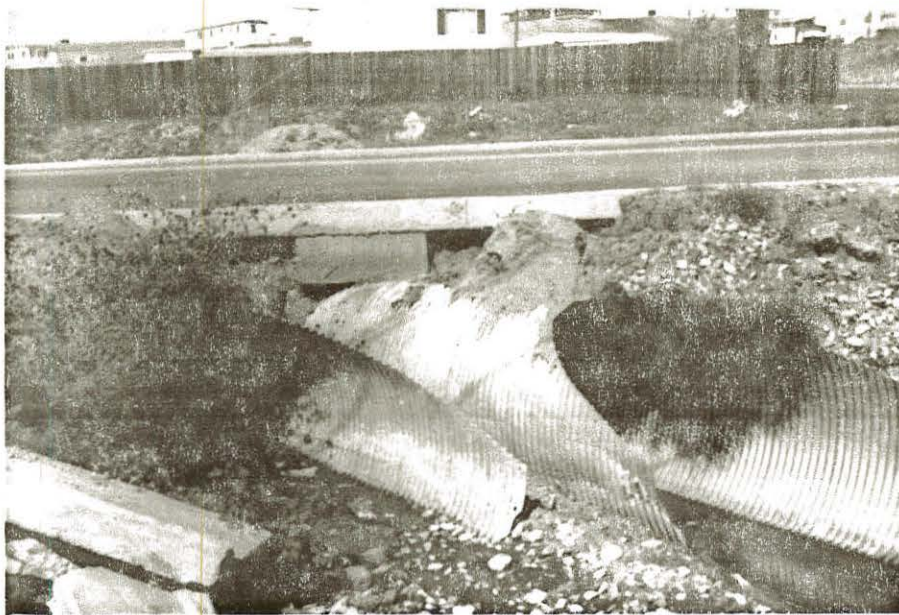
Upstream end of culverts
under Pecos for Tributary
M. Adjacent trailer lots
empty. Small culverts
and channel in Holiday
Hills Mobile Home Park.



9/16/75

Downstream side of
culverts under Pecos
at Tributary M.
Erosion evident.



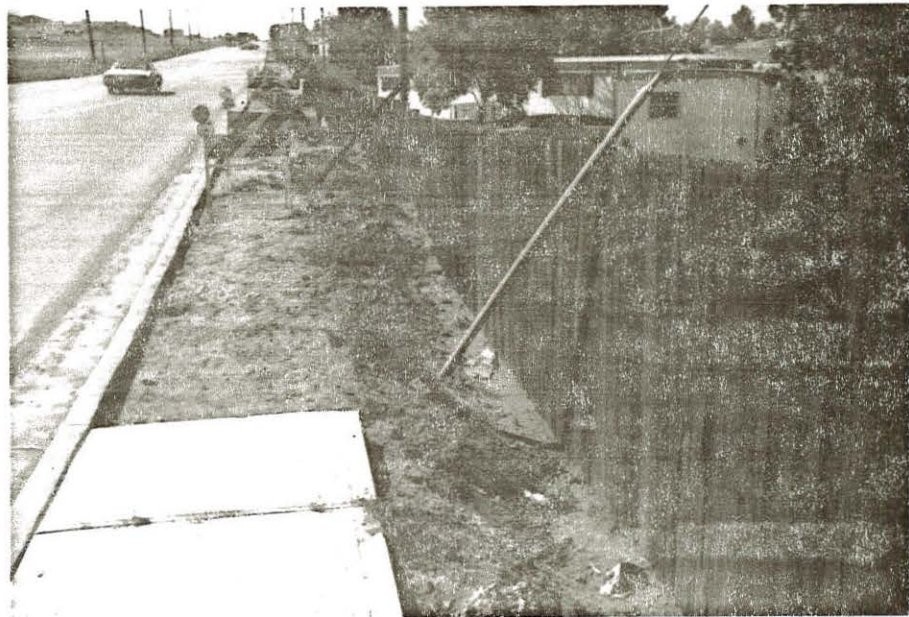


9/16/75

Erosion damage on downstream side of 92nd Avenue at Tributary M in Thornton.

9/16/75

Damaged sidewalk, 92nd Avenue, Federal Heights.



9/16/75

Sidewalk, fence, and retaining wall damage at 92nd Avenue in Federal Heights.



9/16/75

Damaged retaining wall
Holiday Hills Mobile
Home Park

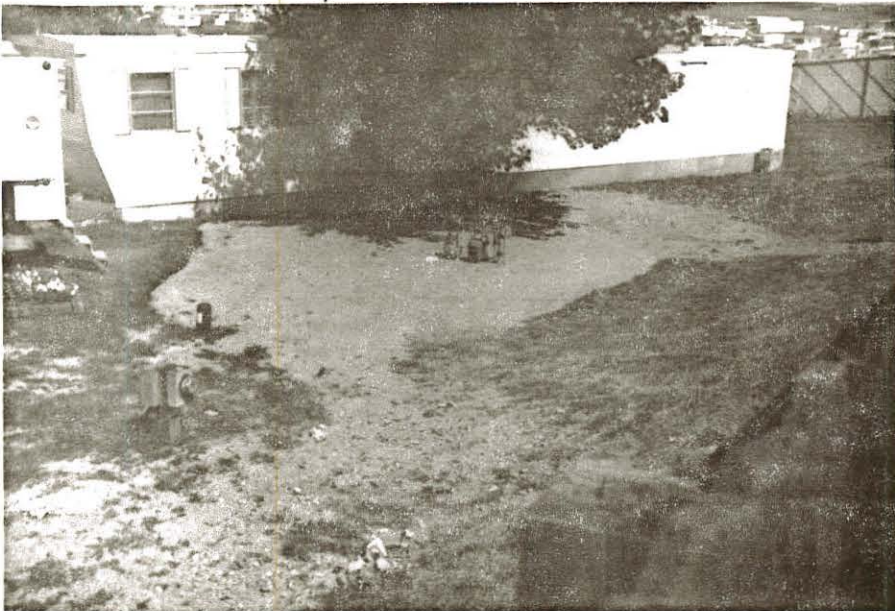
9/16/75

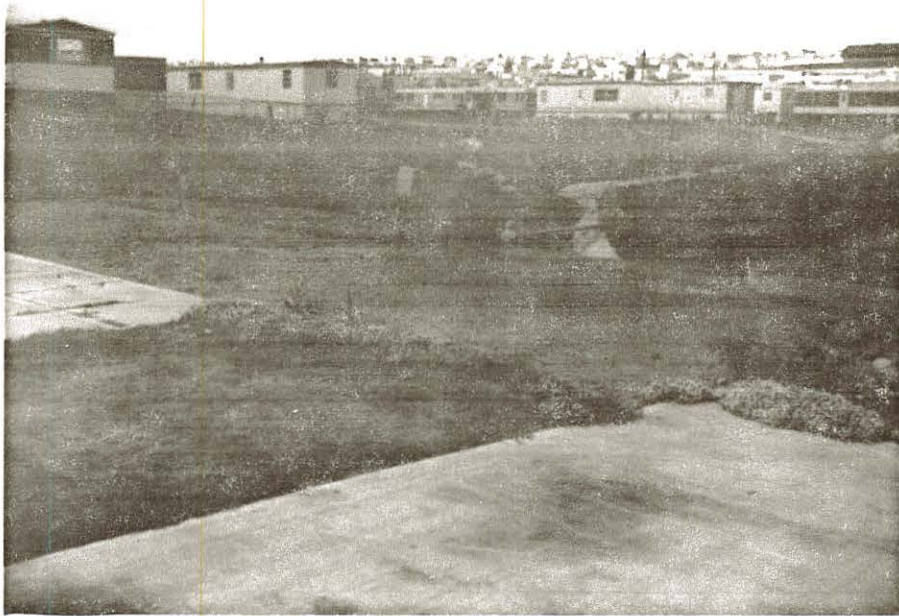
Damaged retaining wall
Holiday Hills Mobile
Home Park.



9/16/75

Silt deposition.
Holiday Hills Mobile
Home Park.



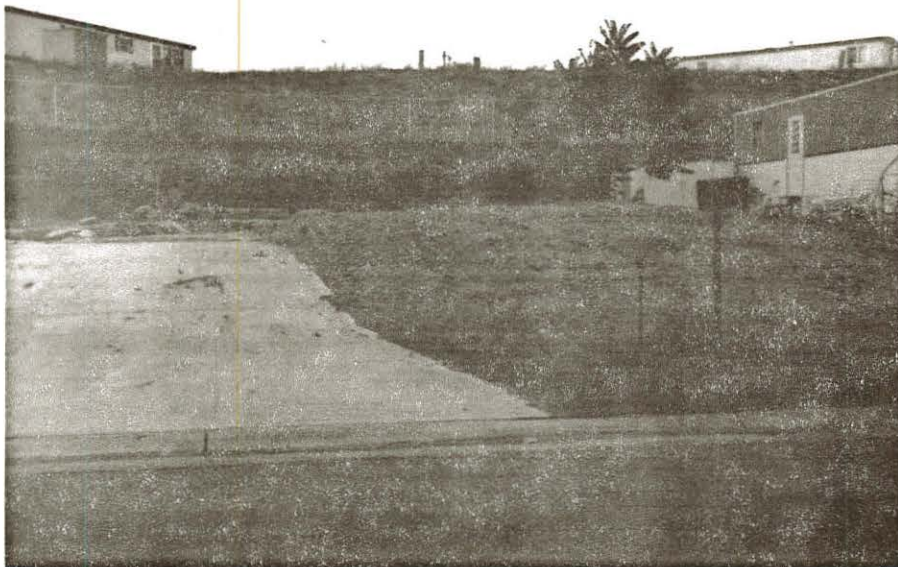


9/16/75

Erosion damage where
Tributary M leaves
Kimberly Hills Mobile
Home Park and enters
Holiday Hills Mobile
Home Park. Empty
trailer lot in fore-
ground.

9/16/75

New sod installed where
eroded, Tributary M,
Holiday Hills Mobile
Home Park.



9/16/75

Empty trailer lot and
erosion where surface
runoff was a problem.
Holiday Hills Mobile
Home Park.



9/16/75

Looking downstream at community building in Holiday Hills Mobile Home Park. Tributary M passes around building in small culvert and inadequate channel. Building received water on July 16, 1975

9/16/75

Channel damage to Tributary M in Holiday Hills Mobile Home Park. Small culvert with no provision for major runoff. USGS Rainfall-Runoff Gage (see arrow).

