DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

OPEN-FILE REPORT 78-308

SHEET 5 OF 8

Damage to culvert under Memorial Stadium previously attributed to tectonic creep (Radbruch and Lennert, 1966) may be due to landsliding or settlement

SW-facing scarp

SW-facing scarp visible in 1939 aerial photographs BUT-BUU-289-67 and BUT-BUU-289-68

SW-facing scarp

NE-facing scarp

Water tunnel right-laterally offset by tectonic creep (Blanchard and Laverty, 1966)

NE-facing scarp visible in 1939 aerial photographs BUT-BUU-289-65 and BUT BUT-BUU-289-66

Linear ridge with SW-facing scarp

NE-facing scarp

SW-facing scarp

NE-facing scarp

Trench

Eroded SW-facing scarp visible in 1939 aerial photographs BUT-BUU-289-44 and BUT-BUU-289-45

NE-facing scarp

Sag pond

NE-facing scarp

SW-facing scarp

Linear ridge

SW-facing scarp visible in 1939 aerial photographs BUT-BUU-289-45 and BUT-BUU-289-46

E-facing scarp visible in 1939 aerial photographs BUT-BUU-289-44 and BUT-BUU-289-46

SW-facing truncated spur

Linear stream channel

NE-facing scarp

SW-facing scarp visible in 1939 aerial photographs BUT-BUU-289-45 and BUT-BUU-289-46

Linear channel visible in 1939 aerial photographs BUT-BUU-289-45 and BUT-BUU-289-46

SW-facing scarp

Sag visible in 1939 aerial photographs BUT-BUU-289-46 and BUT-BUU-289-47

NE-facing scarp visible in 1939 aerial photographs BUT-BUU-289-45 and BUT-BUU-289-46

SW-facing scarp visible in 1939 aerial photographs BUT-BUU-289-45 and BUT-BUU-289-46

NE-facing scarp

SW-facing scarp visible in 1939 aerial photographs BUT-BUU-289-47 and BUT-289-48

Poorly defined shallow trough-possibly filled with construction spoil

NE-facing scarp

NE-facing scarp visible in 1939 aerial photographs BUT-BUU-289-47 and BUT-BUU-289-48

NE-facing scarp visible in 1939 aerial photographs BUT-BUU-283-83 and BUT-BUU-283-84

SW-facing scarp visible in 1939 aerial photographs BUT-BUU-289-47 and BUT-BUU-289-48

SW-facing scarp visible in 1939 aerial photographs BUT-BUU-283-83 and BUT-BUU-283-84

Linear stream channel

Steep SW-facing scarp visible in 1939 aerial photographs BUT-BUU-283-83 and BUT-BUU-283-84

SW-facing scarp visible in 1939 aerial photographs BUT-283-84 and BUT-283-85

Steep NE-facing scarp visible in 1939 aerial photographs BUT-283-85 and BUT-BUU-283-84

NE-facing scarp

Linear notch visible in 1939 aerial photographs BUT-283-85 and BUT-283-86

SW-facing scarp visible in 1939 aerial photographs BUT-283-85 and BUT-283-86

SW-facing scarp

NE-facing scarp visible in 1939 aerial photographs BUT-283-85 and BUT-283-86

Low NE-facing scarp visible in 1939 aerial photographs BUT-283-85 and BUT-283-86

NE-facing scarp

U. S. Geological Survey
OPEN FILE REPORT
This report is preliminary and has not been edited or reviewed for conformity with Geological Survey standards and nomenclature

SPECIAL PRINTING
Contours and woodland symbols omitted

SCALE 1:24000

CONTOUR INTERVAL 20 FEET
DOTTED LINES REPRESENT 5-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

UTM GRID AND 1968 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

QUADRANGLE LOCATION

MAP OF QUATERNARY FAULTING ALONG THE NORTHERN HAYWARD FAULT ZONE

by Darrell Herd

1978