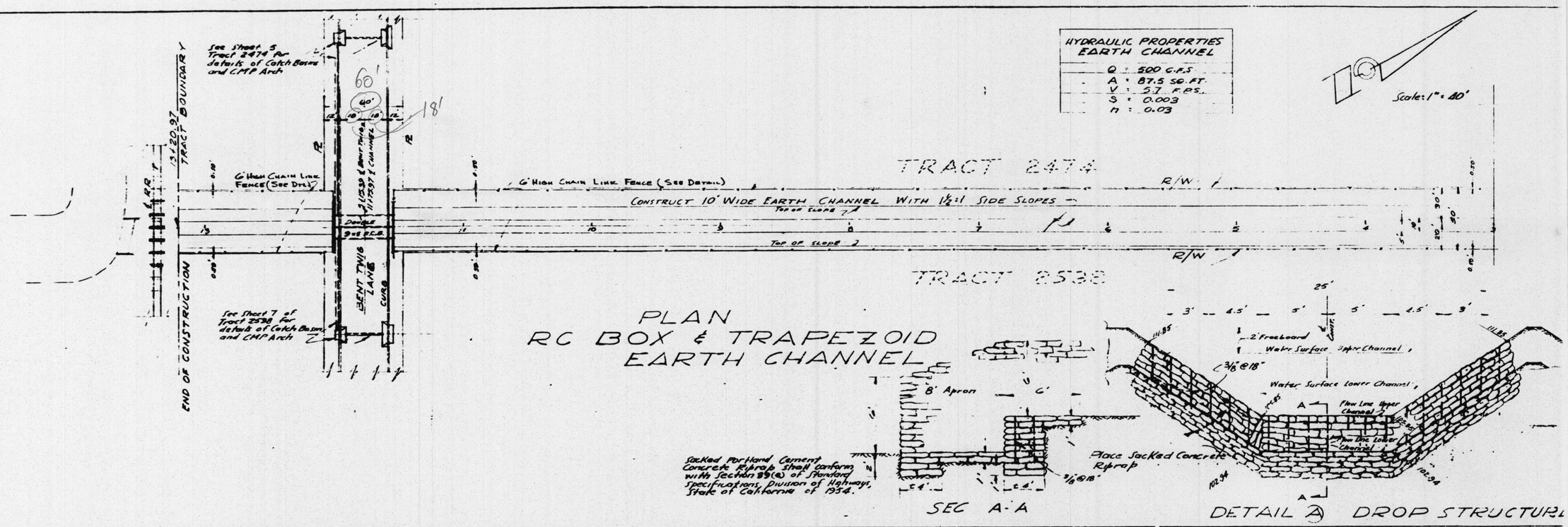
HYDRAULIC PROPERTIES
EARTH CHANNEL
Q = 500 C.F.S.
A = 87.5 SQ. FT.
V = 5.7 F.P.S.
S = 0.003
n = 0.03
Scale: 1" = 40'
See Sheet 5 Tract 2474 for details of Catch Basins and CMP Arch
See Sheet 7 of Tract 2538 for details of Catch Basins and CMP Arch
END OF CONSTRUCTION
TRACT BOUNDARY
6' High Chain Link Fence (See Det.)
6' High Chain Link Fence (See Detail)
Construct 10' Wide Earth Channel With 1½:1 Side Slopes
Top of Slope
TRACT 2474
TRACT 2538
R/W
BENT TWIG LANE
CURB
PLAN
RC BOX & TRAPEZOID
EARTH CHANNEL
8' Apron
Stacked Portland Cement Concrete Riprap shall conform with Section 89(a) of Standard Specifications, Division of Highways, State of California of 1954.
SEC A-A
Place Stacked Concrete Riprap
Freeboard
Water Surface Upper Channel
Water Surface Lower Channel
Flow Line Upper Channel
Flow Line Lower Channel
DETAIL A DROP STRUCTURE
PILE BENT RR TRESTLE BRIDGE
Existing Ground
Exist. F.L. of Ditch
Profile Grade - Earth Channel
Ultimate Flow Line
Flow Line Exist. Chan.
Match Line Sheet No. 7
PROFILE - CHANNEL
SCALE: Horiz 1" = 40'
Vert 1" = 4'
Culvert #S-217
Detail-Reinforced Box
Culvert at Bent Twig
Sheet 2 of 2
Red: 22 5/ Scale as shown
Blueline Print
MICROFILMED
JUL 6 1960
TRACT Nº 2538
SHEET 2 OF 2 SHEETS
Sheet 2 of 2
#14626 Before 1960
S-217