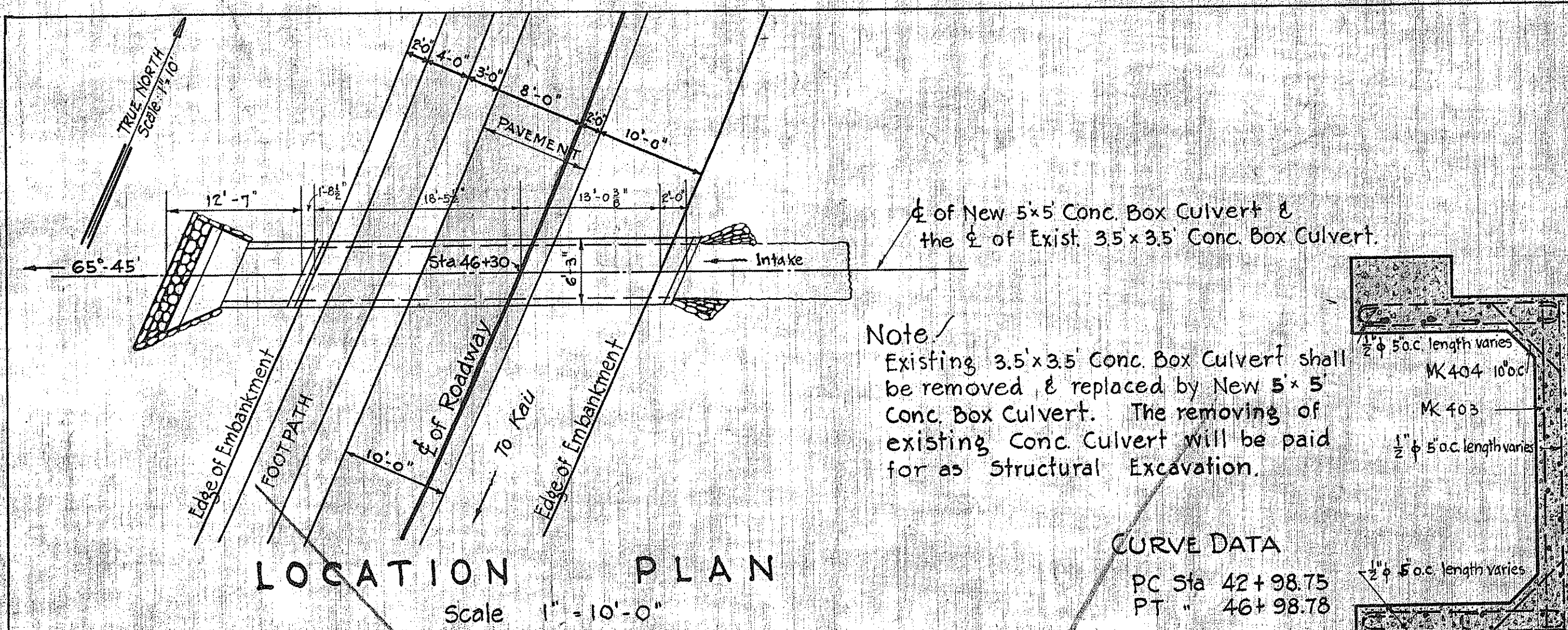
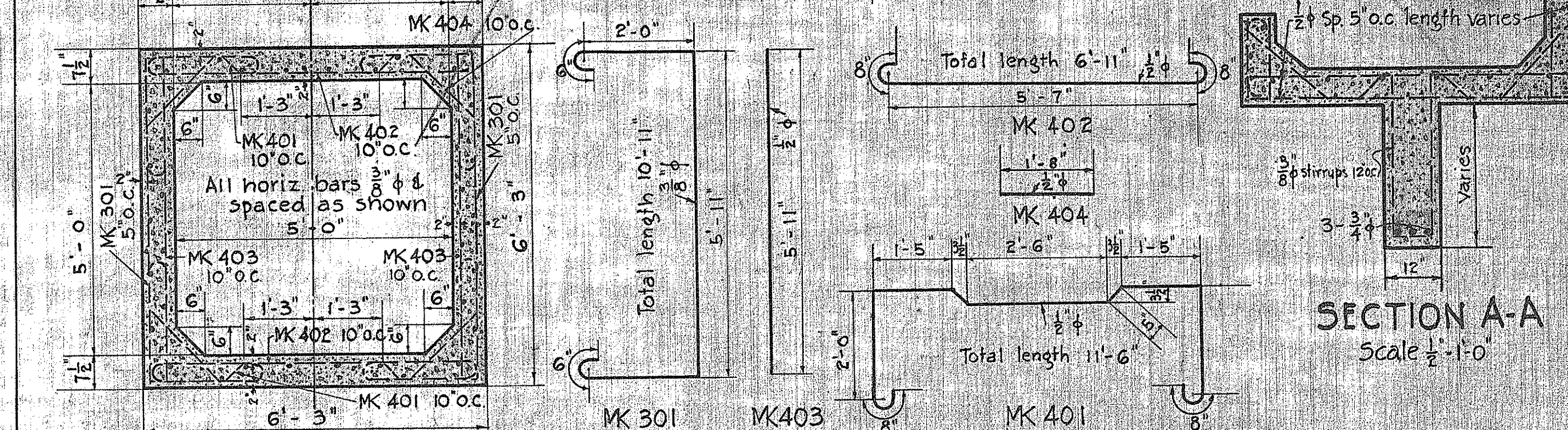
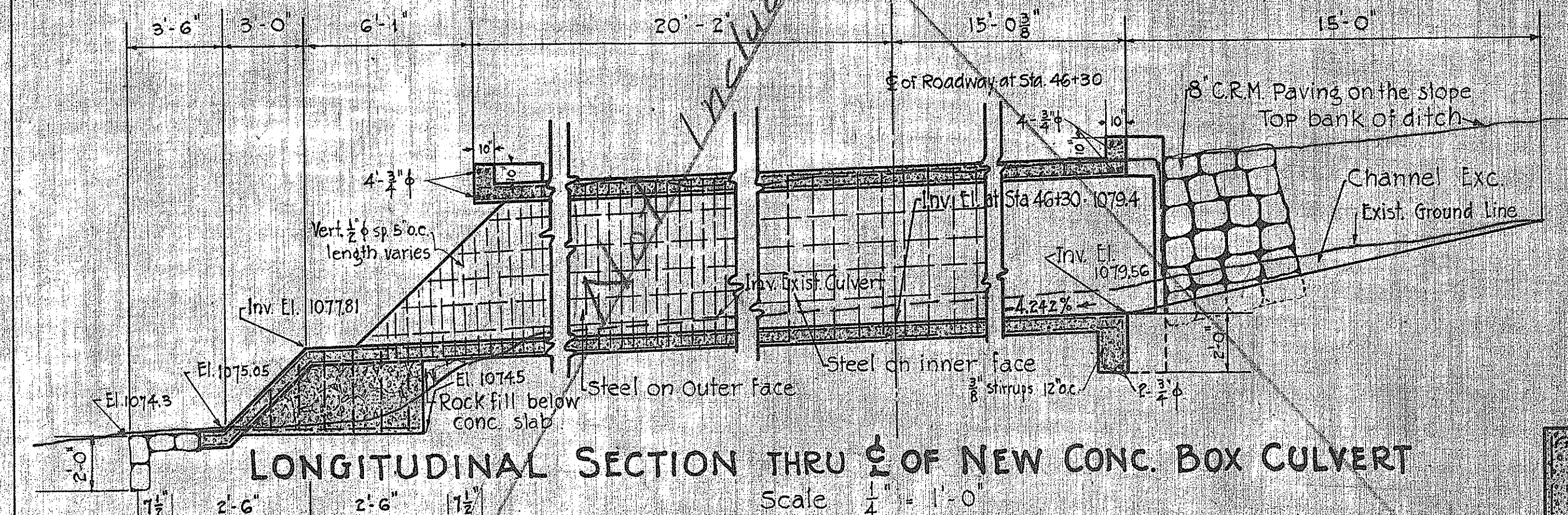
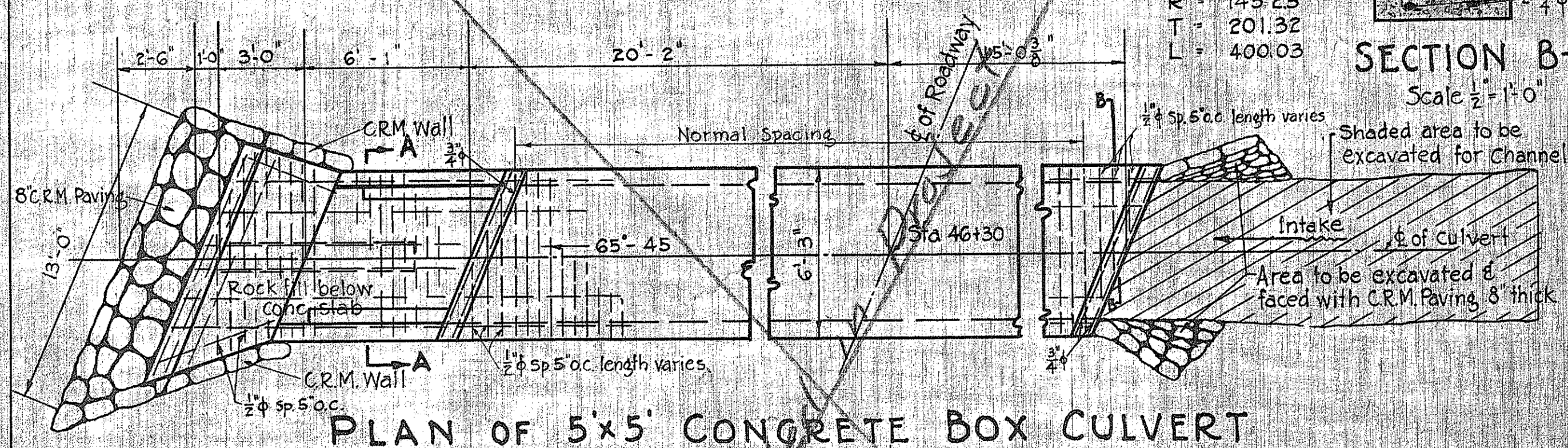


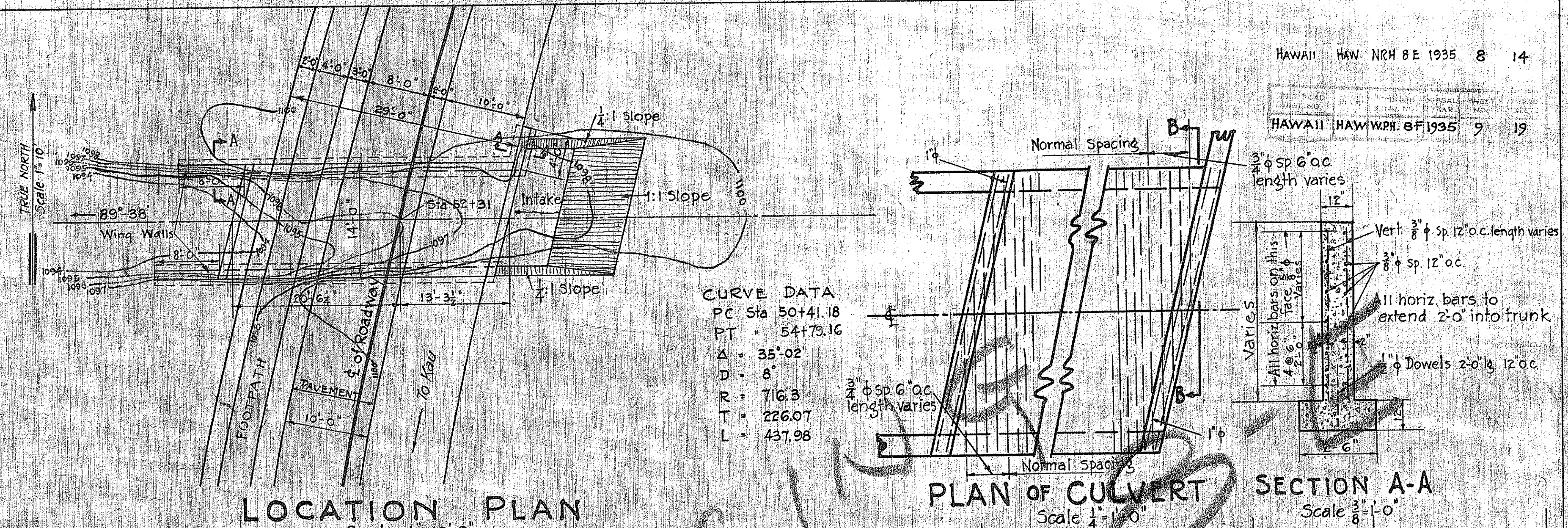


CURVE DATA
PC Sta 42+98.75
PT " 46+98.78
Δ = 16°
D = 4°
R = 143.25
T = 201.32
L = 400.03

SECTION B-B
Scale 1/2" = 1'-0"

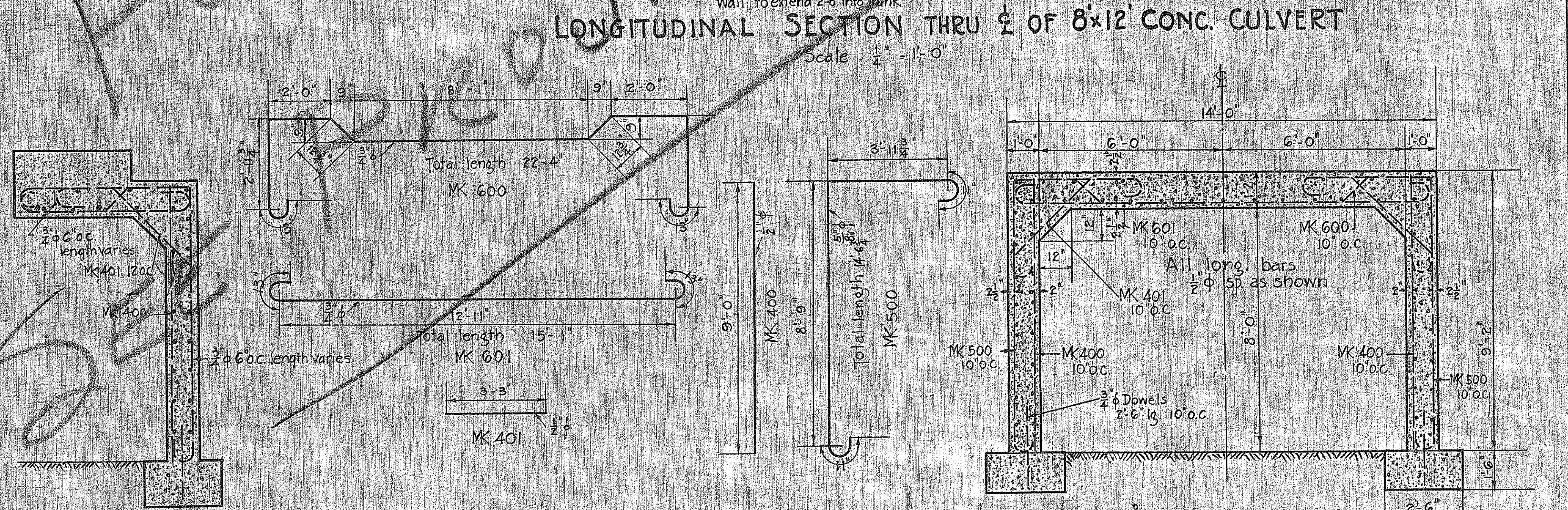
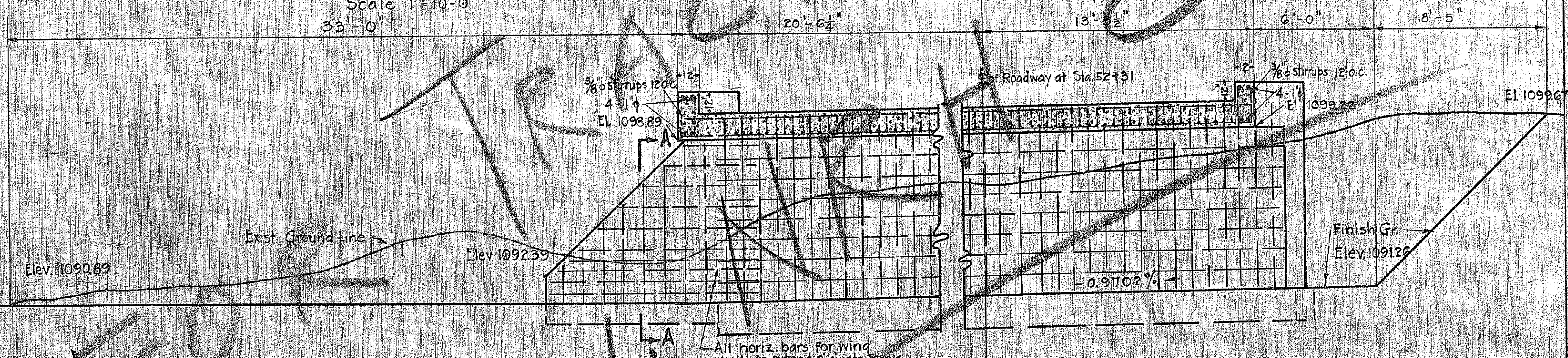


DETAILS of 5x5 BOX CULVERT
AT STA. 46+30



CURVE DATA
PC Sta 50+41.18
PT " 54+73.16
Δ = 35°02'
D = 8°
R = 716.3
T = 226.07
L = 437.98

PLAN OF CULVERT
Scale 1/4" = 1'-0"



SECTION B-B
Scale 3/8" = 1'-0"

QUANTITY TABLE

AT STATION	46+30	52+31
Size of trunk	5' x 5'	8' x 12'
Length	35' 3"	33' 10 3/4"
Total Concrete in Culvert	275.0 y.	584.0 y.
Steel	3924 #	6572 #
Structural Exc.	18.0 y.	172.0 y.
Channel	10.0 y.	76.0 y.

DETAILS of 8x12' CONC. BOX CULVERT
AT STA. 52+31

NOTE: 8x12 BOX CULV'T DOES NOT COME UNDER PROJECT NO. NRH 8E

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
CULVERT DETAILS

S. KONA BELT ROAD
PROJ. NO. NRH 8E
SCALES as noted
July, 1935

4352.9 4334.8