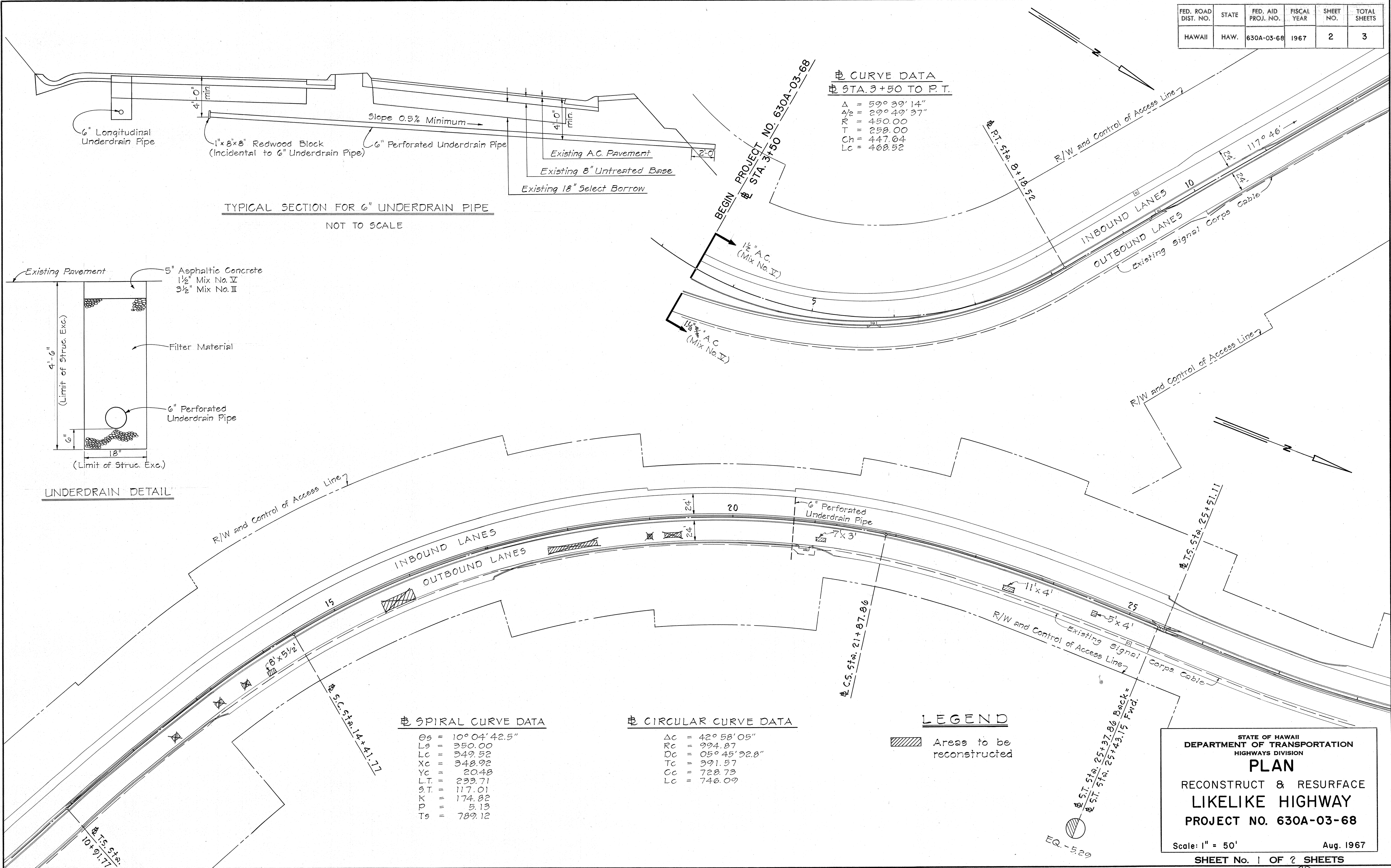


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	630A-03-68	1967	2	3



SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

PLAN
 RECONSTRUCT & RESURFACE
 LIKELIKE HIGHWAY
 PROJECT NO. 630A-03-68
 Scale: 1" = 50'
 Aug. 1967
 SHEET No. 1 OF 2 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	630A-03-68	1967	3	3

CIRCULAR CURVE DATA
 $\Delta C = 10^\circ 59' 05''$
 $R_C = 994.87$
 $D_C = 05^\circ 45' 32.8''$
 $T_C = 95.66$
 $L_C = 190.44$
 $L_C = 190.74$

SPIRAL CURVE DATA
 $\theta_s = 10^\circ 04' 42.5''$
 $L_s = 350.00$
 $L_C = 349.52$
 $X_C = 348.92$
 $Y_C = 20.48$
 $L.T. = 233.71$
 $S.T. = 117.01$
 $P.X. = 174.82$
 $T_s = 5.13$
 $T_s = 453.48$

EQ.-2.42

EQ. S.T. Sta. 34+41.85 Back
EQ. S.T. Sta. 34+44.27 Fwd.

SPIRAL CURVE DATA
 $\theta_s = 09^\circ 46' 54.9''$
 $L_s = 350.00$
 $L_C = 349.55$
 $X_C = 348.98$
 $Y_C = 19.87$
 $L.T. = 233.69$
 $S.T. = 116.99$
 $P.X. = 174.83$
 $T_s = 4.97$
 $T_s = 1,175.30$

PROFILE OF GRD. STA. 49+54 TO END OF PIPE
Not To Scale

CIRCULAR CURVE DATA
 $\Delta C = 68^\circ 46' 10.2''$
 $R_C = 1,025.03$
 $D_C = 05^\circ 35' 22.8''$
 $T_C = 701.45$
 $L_C = 1,157.77$
 $L_C = 1,230.30$

PROFILE OF GROUND
STA. 50+22 TO END OF PIPE
Not To Scale

DETAIL OF WHERE PIPE EMPTIES
INTO 6'x10' BOX CULVERT
Not To Scale

EXISTING TELEPHONE KORDUCTS
ENCASED IN CONCRETE

STATE OF HAWAII
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PLAN
RECONSTRUCT & RESURFACE
LIKELIKE HIGHWAY
PROJECT NO. 630A-03-68

Scale: 1" = 50'
Aug. 1967
SHEET No. 2 OF 2 SHEETS