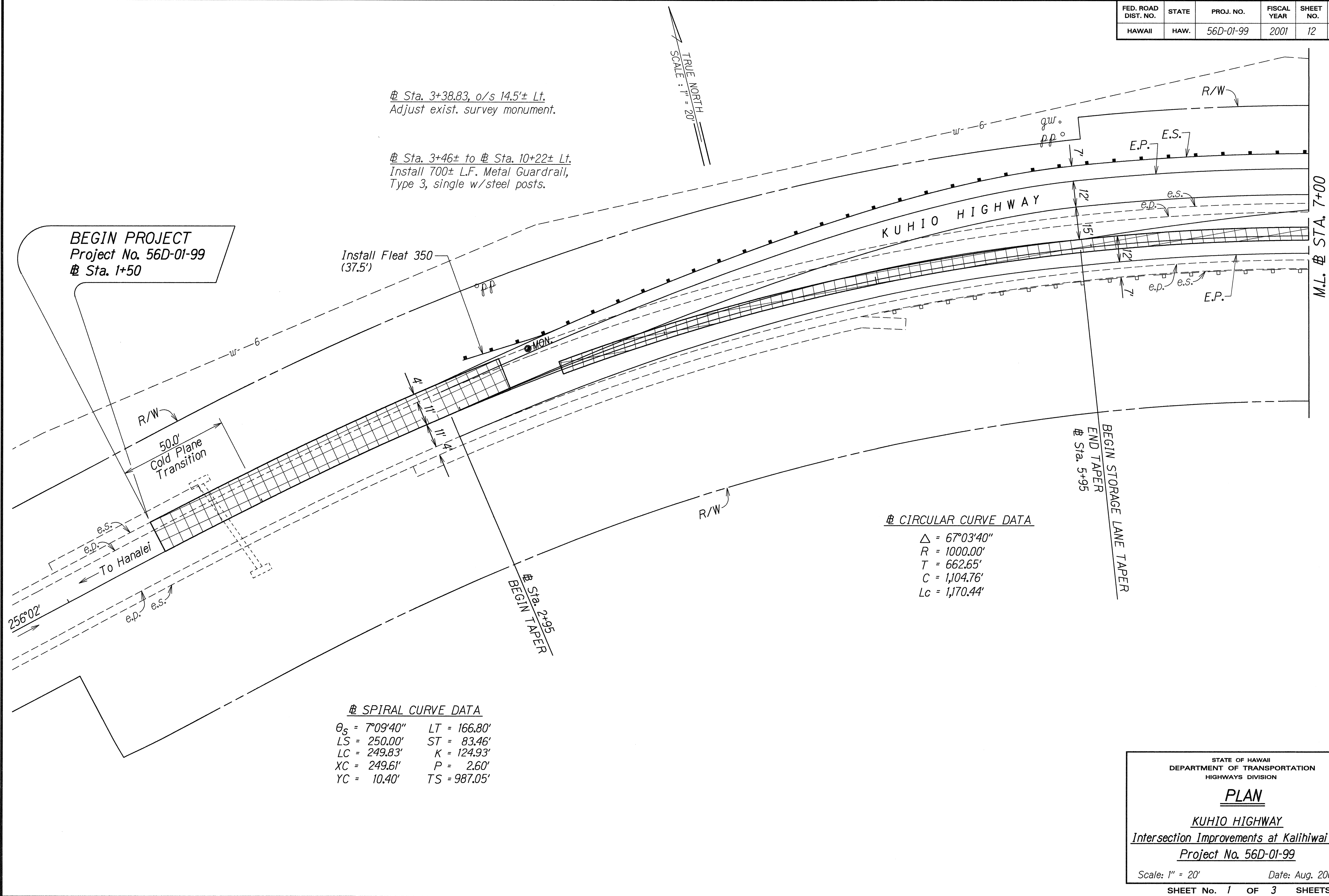


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56D-01-99	2001	12	27



Sta. 3+38.83, o/s 14.5'± Lt.
Adjust exist. survey monument.

Sta. 3+46± to # Sta. 10+22± Lt.
Install 700± L.F. Metal Guardrail,
Type 3, single w/steel posts.

BEGIN PROJECT
Project No. 56D-01-99
Sta. 1+50

Install Fleet 350
(37.5')

CIRCULAR CURVE DATA

Δ = 67°03'40"
R = 1000.00'
T = 662.65'
C = 1,104.76'
Lc = 1,170.44'

SPIRAL CURVE DATA

θ_s = 7°09'40" LT = 166.80'
LS = 250.00' ST = 83.46'
LC = 249.83' K = 124.93'
XC = 249.61' P = 2.60'
YC = 10.40' TS = 987.05'

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	6/14/99
DRAWN BY	JH
DESIGNED BY	JH
CHECKED BY	6/14/99
NOTED BY	6/14/99
DATE	6/14/99

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

KUHIO HIGHWAY

Intersection Improvements at Kalihiwai Rd.
Project No. 56D-01-99

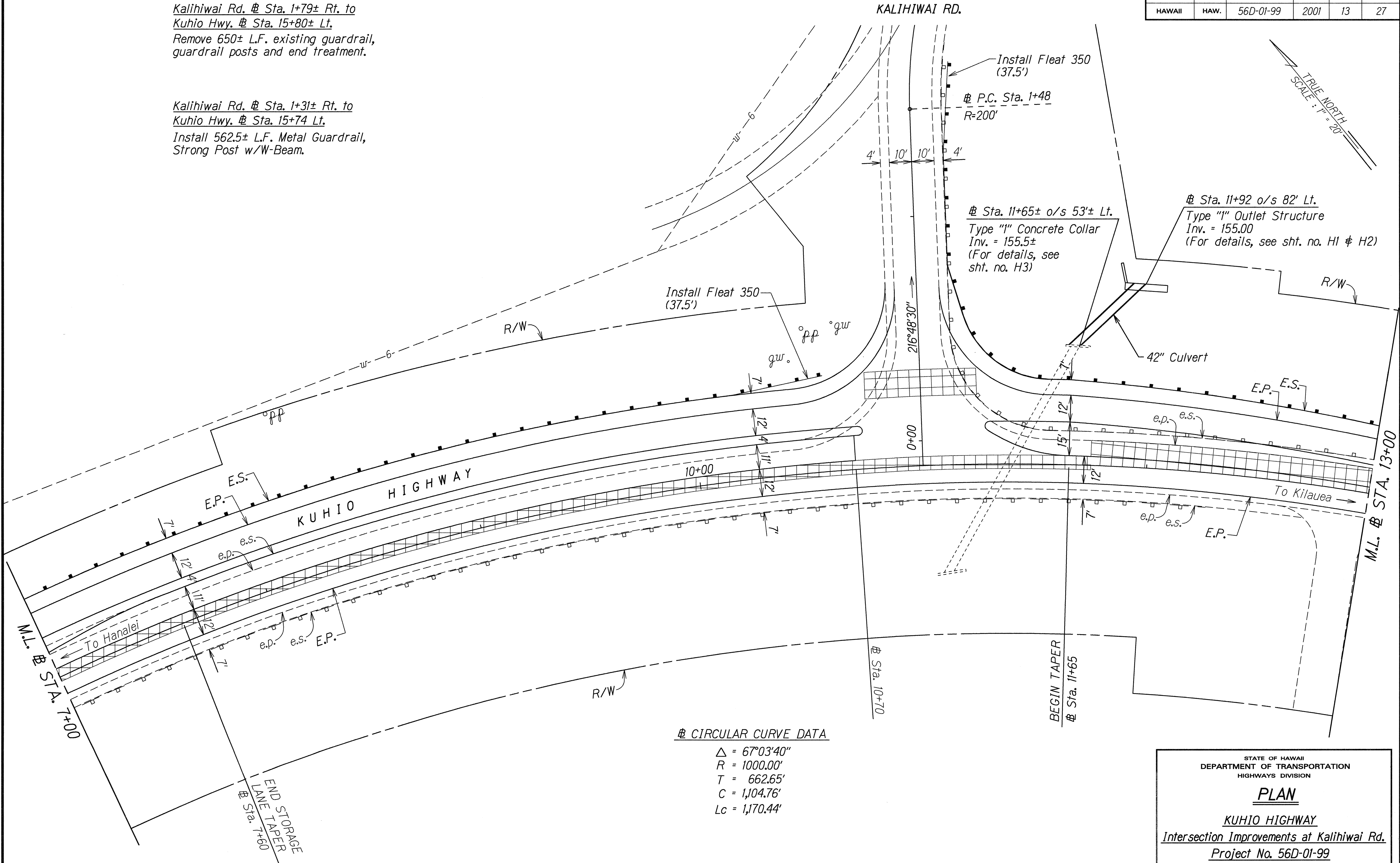
Scale: 1" = 20' Date: Aug. 2000

SHEET No. 1 OF 3 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56D-01-99	2001	13	27

Kalihiwai Rd. @ Sta. 1+79± Rt. to
Kuhio Hwy. @ Sta. 15+80± Lt.
Remove 650± L.F. existing guardrail,
guardrail posts and end treatment.

Kalihiwai Rd. @ Sta. 1+31± Rt. to
Kuhio Hwy. @ Sta. 15+74 Lt.
Install 562.5± L.F. Metal Guardrail,
Strong Post w/W-Beam.



ORIGINAL PLAN	DATE
TRACED BY	6/4/99
NOTED BY	
CHECKED BY	
DESIGNED BY	
DRAWN BY	
IN CHARGE	
DATE	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

KUHIO HIGHWAY

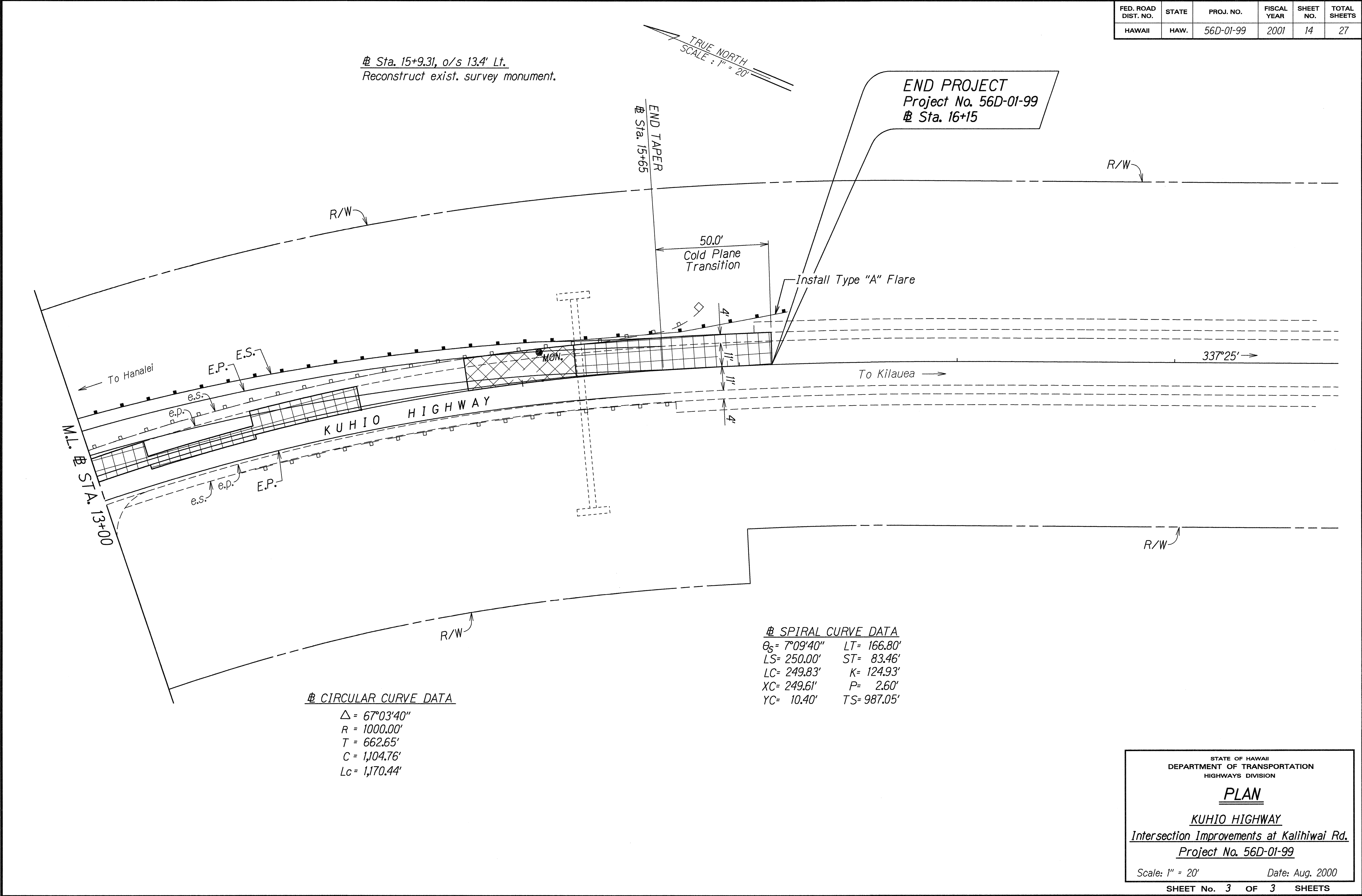
Intersection Improvements at Kalihiwai Rd.

Project No. 56D-01-99

Scale: 1" = 20'
Date: Aug. 2000

SHEET No. 2 OF 3 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56D-01-99	2001	14	27



Sta. 15+9.31, o/s 13.4' Lt.
Reconstruct exist. survey monument.

END PROJECT
Project No. 56D-01-99
Sta. 16+15

END TAPER
Sta. 15+65

50.0'
Cold Plane
Transition

Install Type "A" Flare

R/W

337°25' →

To Kilauea →

To Hanalei ←

M.L. # STA. 13+00

KUHIO HIGHWAY

CIRCULAR CURVE DATA

Δ = 67°03'40"
R = 1000.00'
T = 662.65'
C = 1,104.76'
Lc = 1,170.44'

SPIRAL CURVE DATA

Qs = 7°09'40" LT = 166.80'
LS = 250.00' ST = 83.46'
LC = 249.83' K = 124.93'
XC = 249.61' P = 2.60'
YC = 10.40' TS = 987.05'

R/W

R/W

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	6/14/99
QUANTITIES BY	CHECKED BY	
N. Q. U. H. P. 03		

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN
KUHIO HIGHWAY
Intersection Improvements at Kalihiwai Rd.
Project No. 56D-01-99
Scale: 1" = 20' Date: Aug. 2000
SHEET No. 3 OF 3 SHEETS