| FED. ROAD DIST. NO. | STATE | PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|---|
| HAWAII | HAW. | 99C-01-98 | 1998 | ADD.7 | 9 |

BEGIN PROJECT
Project No. 99C-01-98
℄ Sta. 43+00±

TRUE NORTH
SCALE : 1" = 40'

Section Ⓐ
℄ Sta. 43+95± to ℄ Sta. 45+45± o/s 25'± Rt.
Install Barrier Fencing Cable. For Details, See Plan Sheet No. 3 & 4 .

Section Ⓑ
℄ Sta. 45+45± to ℄ Sta. 48+60± o/s 25'± Rt.
Install Barrier Fencing Cable. For Details, See Plan Sheet Nos. 3 & 4 .

Section Ⓒ
℄ Sta. 48+60± to ℄ Sta. 50+22± o/s 25'± Rt.
Install Barrier Fencing Cable. For Details, See Plan Sheet Nos. 3 & 4 .

45+00
154°03'00"
M.L. ℄ STA. 49+00

End Anchor Rock Bolt

Hawaiian electric power poles and guy lines

P.C. ℄ Sta. 44+82.64

First Rock Bolt for Netting

Existing Rockfall Protection Netting Done Under Project No. NH-099-1(14)

40+00

Kipapa Gulch

To Pearl City

115°20'00"

Roosevelt Bridge

Gulch

R = 747.90'
P.C.C. ℄ Sta. 41+50

℄ CURVE DATA
△ = 13°14'00"
R = 799.99'
T = 92.80'
C = 184.36'
Lc = 184.77'

R = 799.99'
P.C. ℄ Sta. 39+65.23

℄ CURVE DATA
△ = 25°29'00"
R = 747.90'
T = 169.08'
C = 329.84'
Lc = 332.64'

~~℄ Sta. 43+25± to ℄ Sta. 56+25± o/s 70'± Rt.~~
Hydromulch to Height of ~~55'~~ above the Bottom of the Slope at Roadway.
~~Approximately Quantity 71,500 sf~~

43+50 47+00
℄ Sta. ~~43+00~~ to ℄ Sta. ~~44+82.64~~ o/s 160'±, Rt.
Place Rock Bolts, Cable and Netting. For Details, See Plan Sheet Nos. ~~5 & 6.~~ 5, 6 & S6-1

TRUE NORTH
SCALE : 1" = 40'

Sta. 54+80 to 54+00
Repair existing barrier fence

55+00

To Wahiawa

END PROJECT
Project No. 99C-01-98
℄ Sta. 56+25±

50+00

M.L. ℄ STA. 49+00

Sta. 53+48to 53+75
Repair existing barrier fence

Existing Rockfall Protection Netting Done Under Project No. NH-099-1(14)

P.R.I. ℄ Sta. 55+13.81 Bk. = P.R.C. ℄ Sta. 55+16.31 Ahd.
Eq.

Section Ⓓ
℄ Sta. 50+22± to ℄ Sta. 52+82± o/s 25'± Rt.
Install Barrier Fencing Cable. For Details, See Plan Sht. Nos. 3 & 4 .

R = 769.18'
P.C. ℄ Sta. 49+17.08

℄ CURVE DATA
△ = 44°27'00"
R = 769.18'
T = 314.29'
C = 581.88'
Lc = 596.73'

℄ CURVE DATA
△ = 30°40'30"
R = 1,100.20'
T = 301.75'
C = 582.02'
Lc = 589.02'

LEGEND FOR AS-BUILT POSTINGS

| | |
|---|---|
| ~~~~ | Squiggly line for as-built deletion |
| ~~100.00~~ | Double line for as-built deletion |
| Roadway | Text for as-built posting |

| ORIGINAL PLAN | NOTE BOOK | SURVEY PLOTTED BY | DATE 11/20/98 |
|---|---|---|---|
| | | DRAWN BY dlz. | |
| | | TRACED BY | |
| | dd&george | DESIGNED BY J. fujimoto/s. taniguchi | |
| | | QUANTITIES BY | |
| | | CHECKED BY | |

| DATE | REVISION |
|---|---|
| 6-10-98 | Added Existing Hawaiian Electric Power Poles and Guy Lines. |

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

# ROADWAY PLAN
## KAMEHAMEHA HIGHWAY
## ROCKFALL PROTECTION
Kipapa Gulch towards Mililani, Phase III
Project No. 99C-01-98

Scale: 1"=40' Date: Dec., 1997

SHEET No. 1 OF 1 SHEETS

"AS-BUILT"

ADD.7