

PAVEMENT RECONSTRUCTION

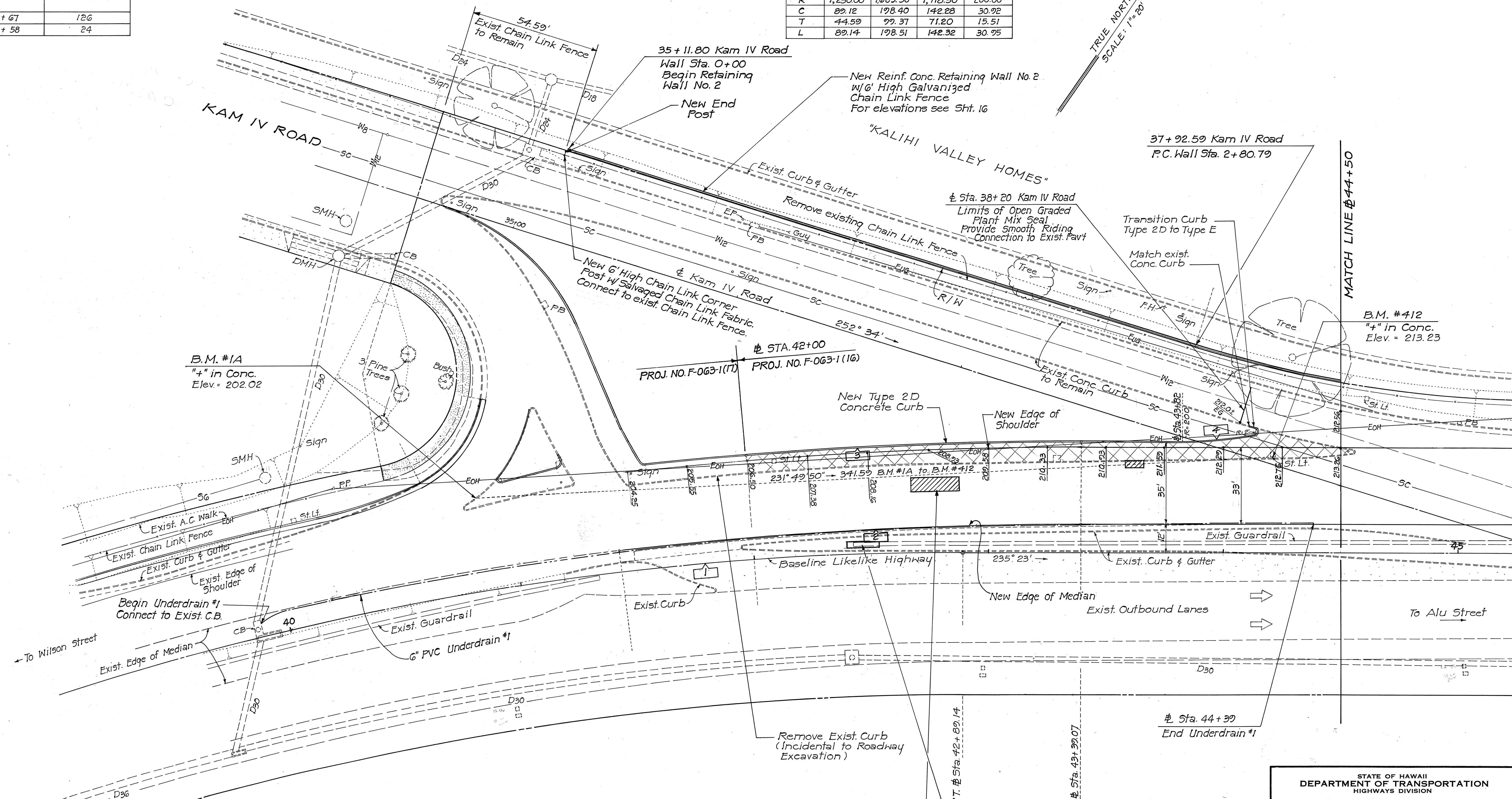
B.L. STATION	PAVEMENT AREA (S.F.)
42+67	126
43+58	24

CURVE DATA

	1	2	3	4
Δ	4°05'09"	6°45'22"	4°44'42"	8°52'00"
Δ/2	2°02'34.5"	3°22'41"	2°22'21"	4°26'00"
R	1,250.00	1,683.50	1,718.50	200.00
C	89.12	178.40	142.28	30.92
T	44.59	79.37	71.20	15.51
L	89.14	178.51	142.32	30.95

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-063-1(16)	1984	2	156

TRUE NORTH
SCALE: 1"=20'

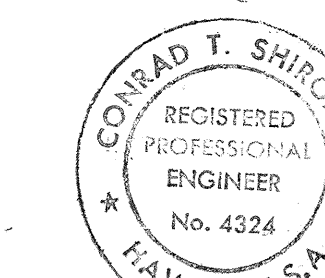


LEGEND

- Pavement Areas to be Reconstructed
- New Roadway Pavement Areas

Pavement Areas to be reconstructed (typ.)
Scarify & remove exist. 4 1/2" thick
Asphaltic Concrete Pavement.
Construct New 4 1/2" Asphaltic Concrete
Pavement Mix No. III

Remove End Bury Guardrail
Construct Guardrail Energy
Absorbing Terminal
See Sht. 20
REAPPROVAL: *R. Hage* 7-16-85
APPROVED



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETAIL PLAN OF ROADWAY # STA. 40+00 TO # STA. 44+50

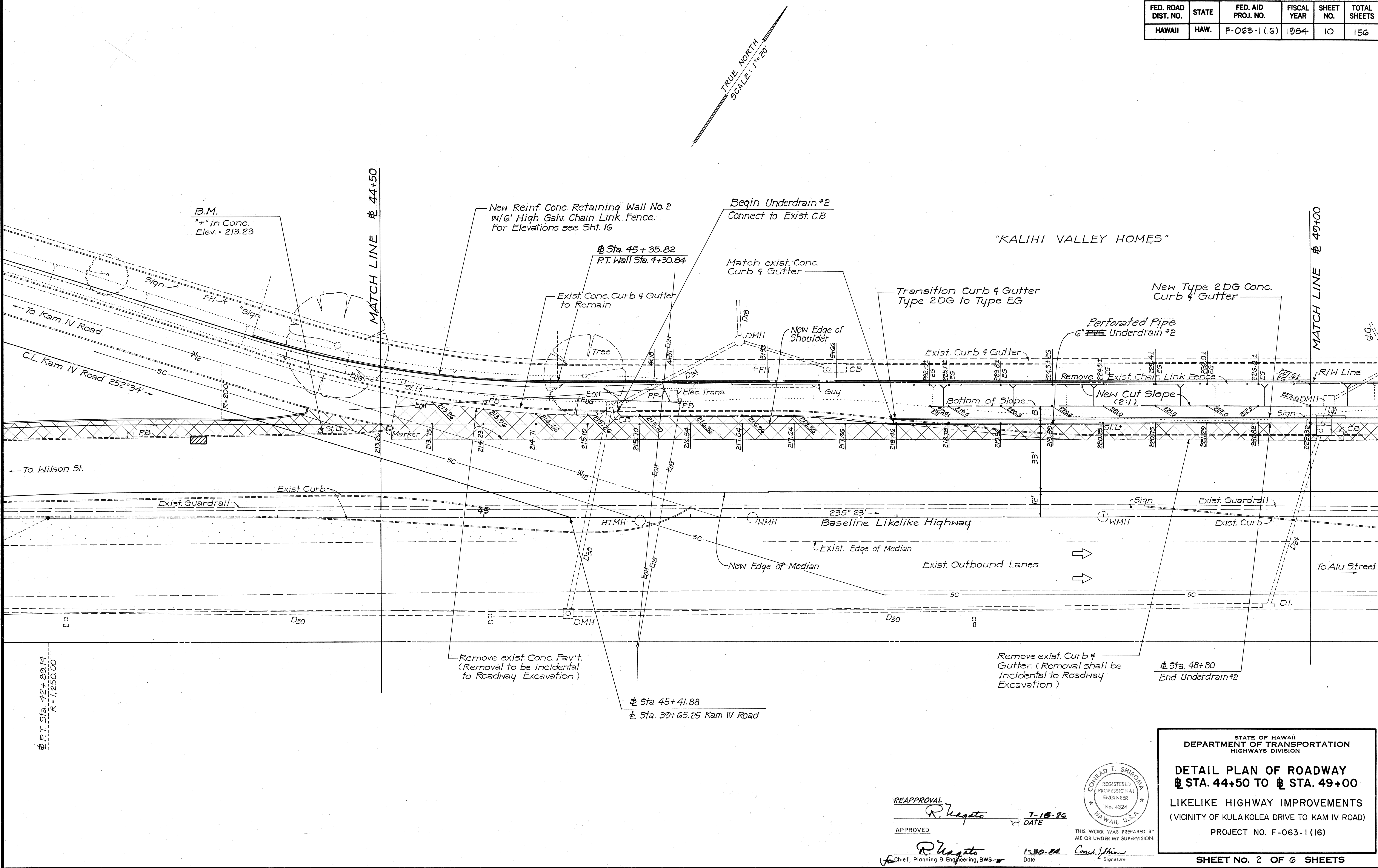
LIKELIKE HIGHWAY IMPROVEMENTS
(VICINITY OF KULA KOLEA DRIVE TO KAM IV ROAD)

PROJECT NO. F-063-1(16)

SHEET NO. 1 OF 6 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-063-1 (16)	1984	10	156

ORIGINAL PLAN	DATE
DESIGNED BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	



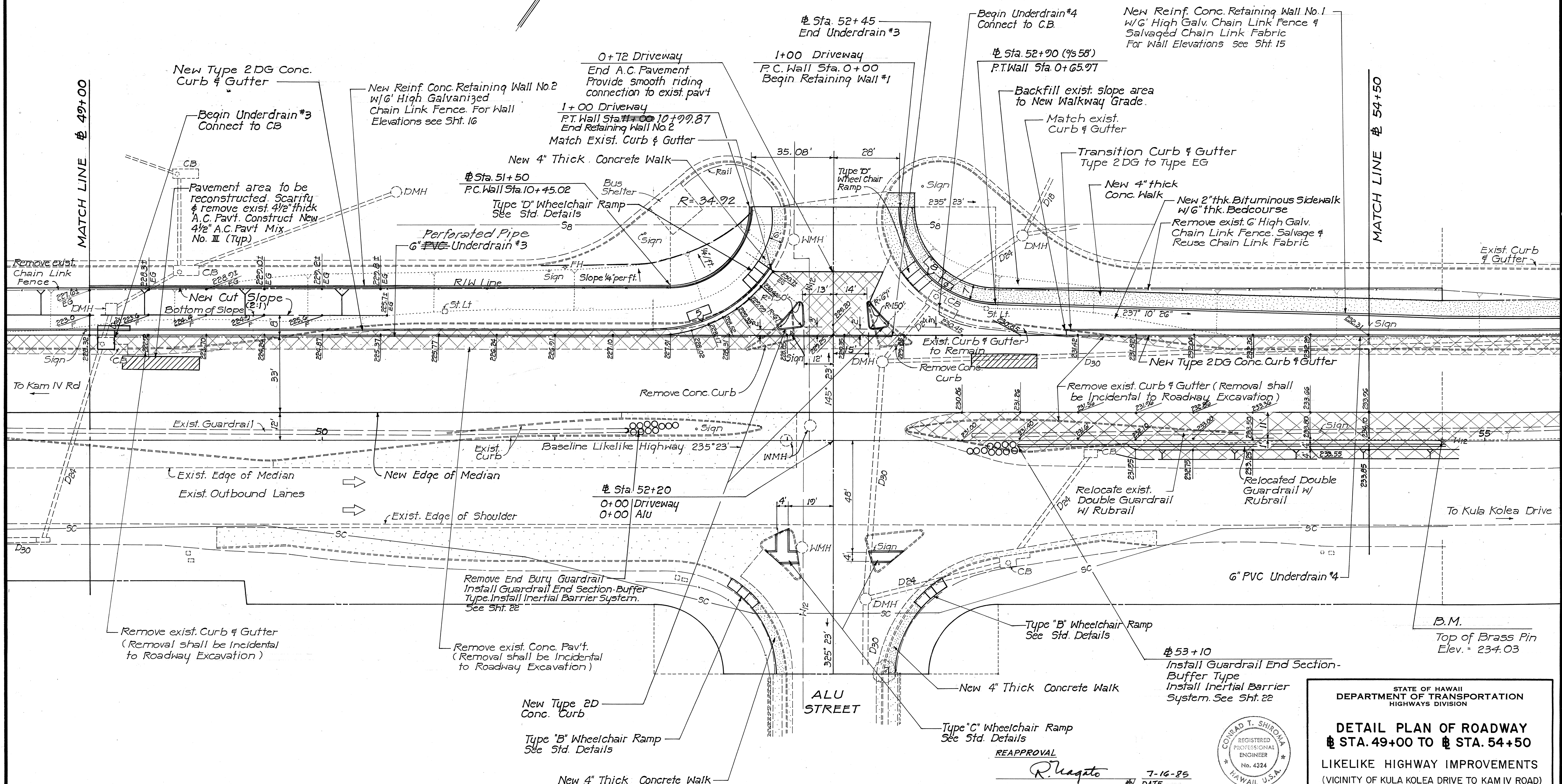
PAVEMENT RECONSTRUCTION

B.L. STATION	PAVEMENT AREA (S.F.)
49+14	178
52+80	168

CURVE DATA

	5	6	7	8
Δ	58°00'00"			90°00'00"
$\frac{1}{2}$	29°00'00"			45°00'00"
R	60.00			42.00
C	58.18			59.40
T	33.26			42.00
L	60.74			65.97

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-063-1(16)	1984	11	156

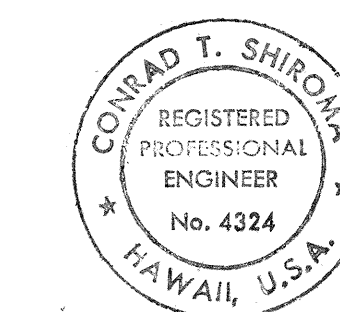


DATE	
DESIGNED BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	

REAPPROVAL

APPROVED *R. Hagato* 7-16-85
DATE

APPROVED *R. Hagato* 1-30-84
DATE



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
Conrad T. Shiroma
Signature

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETAIL PLAN OF ROADWAY
STA. 49+00 TO # STA. 54+50
LIKELIKE HIGHWAY IMPROVEMENTS
(VICINITY OF KULA KOLEA DRIVE TO KAM IV ROAD)
PROJECT NO. F-063-1 (16)

SHEET NO. 3 OF 6 SHEETS

PAVEMENT RECONSTRUCTION

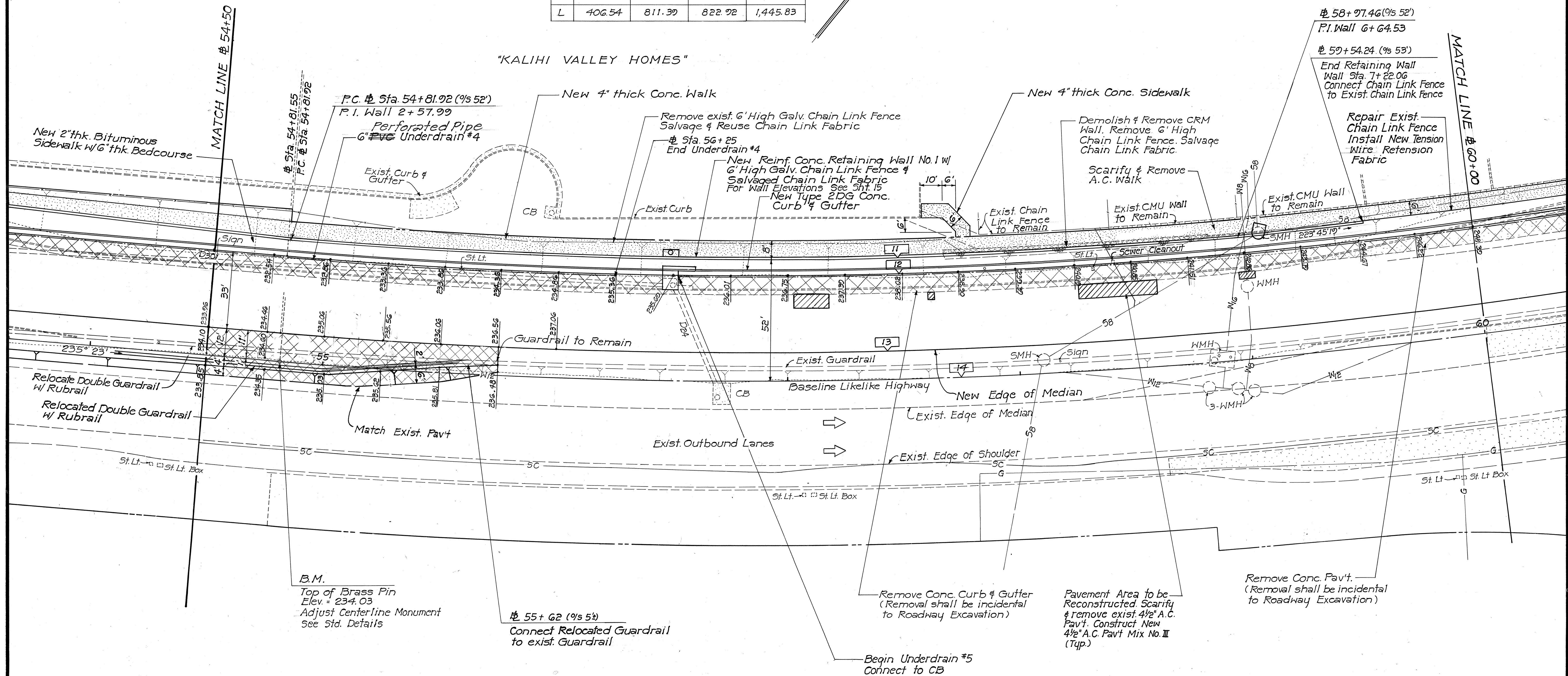
B.L. STATION	PAVEMENT AREA (SF)
57+03	90
57+62	9
58+27	204
58+98	21

CURVE DATA

	11	12	13	14
Δ	9° 55' 13"	20° 00' 30"	20° 00' 30"	34° 31' 00"
4/2	4° 57' 36.50"	10° 00' 15"	10° 00' 15"	17° 15' 30"
R	2,348.00	2,323.50	2,356.50	2,400.00
C	406.03	807.88	818.74	1,424.07
T	203.78	409.87	415.69	745.60
L	406.54	811.39	822.92	1,445.83

TRUE NORTH
SCALE: 1"=20'

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-063-1(16)	1984	12	156



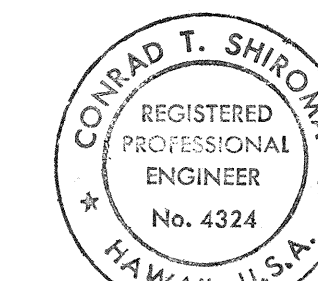
ORIGINAL PLAN	DATE
DESIGNED BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	

REAPPROVAL

R. Regato
APPROVED

7-16-85
DATE

R. Regato
Chief, Planning & Engineering, BWS
Date 1-30-84



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Conrad T. Shiroma
Signature

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

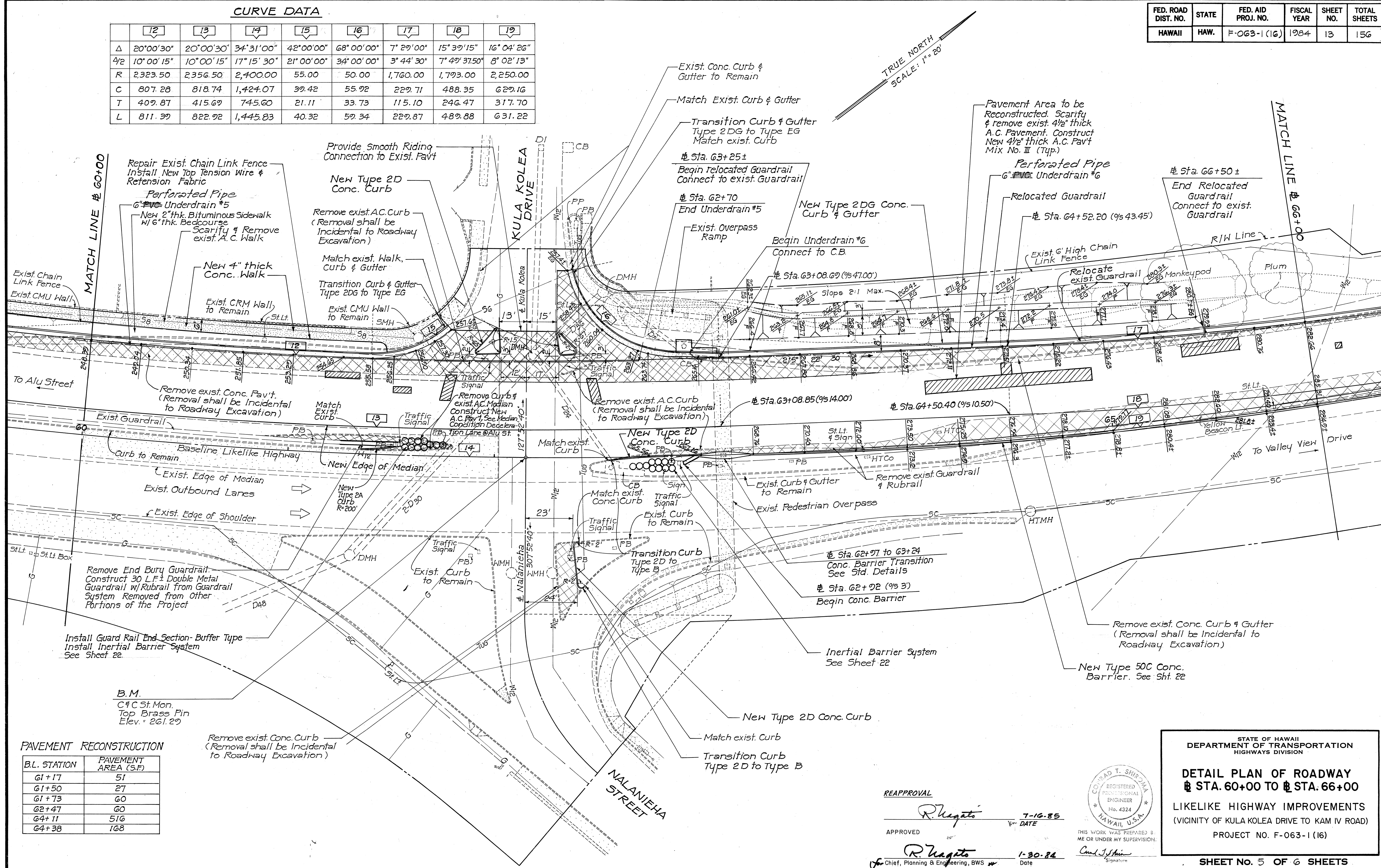
DETAIL PLAN OF ROADWAY
@ STA. 54+50 TO @ STA. 60+00

LIKELIKE HIGHWAY IMPROVEMENTS
(VICINITY OF KULA KOLEA DRIVE TO KAM IV ROAD)
PROJECT NO. F-063-1(16)

SHEET NO. 4 OF 6 SHEETS

CURVE DATA							
	12	13	14	15	16	17	18
Δ	20°00'30"	20°00'30"	34°31'00"	42°00'00"	68°00'00"	7°29'00"	15°39'15"
4/2	10°00'15"	10°00'15"	17°15'30"	21°00'00"	34°00'00"	3°44'30"	7°49'37.50"
R	2,323.50	2,356.50	2,400.00	55.00	50.00	1,760.00	1,793.00
C	807.28	818.74	1,424.07	39.42	55.92	229.71	488.35
T	409.87	415.69	745.60	21.11	33.73	115.10	246.47
L	811.39	822.92	1,445.83	40.32	59.34	229.87	489.88

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-063-1(16)	1984	13	156



DATE	7-16-85
DESIGNED BY	R. Nagato
CHECKED BY	C. J. Shinn
NOTED BY	
QUANTITIES BY	
NO.	

PAVEMENT RECONSTRUCTION	
B.L. STATION	PAVEMENT AREA (S.F.)
G1+17	51
G1+50	27
G1+73	60
G2+47	60
G4+11	516
G4+38	168

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETAIL PLAN OF ROADWAY
STA. 60+00 TO STA. 66+00

LIKELIKE HIGHWAY IMPROVEMENTS
(VICINITY OF KULA KOEA DRIVE TO KAM IV ROAD)

PROJECT NO. F-063-1(16)

SHEET NO. 5 OF 6 SHEETS

REAPPROVAL

R. Nagato

APPROVED

C. J. Shinn

Chief, Planning & Engineering, BWS

7-16-85

1-30-84

Date

CONRAD T. SHINN
REGISTERED PROFESSIONAL ENGINEER
No. 4324
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

PAVEMENT RECONSTRUCTION

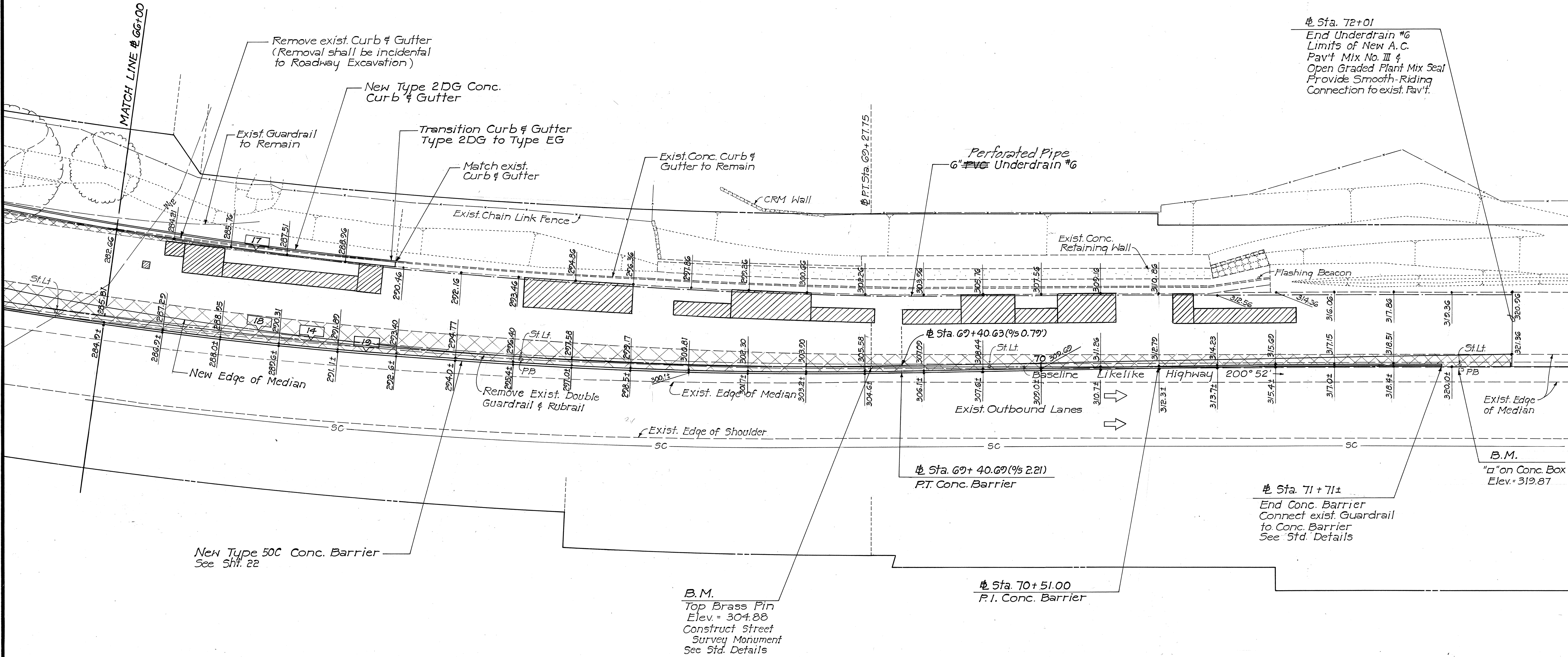
B.L. STATION	PAVEMENT AREA (S.F.)
66+15	9
66+22	720
67+88	564
68+43	714
69+41	834
70+56	360

CURVE DATA

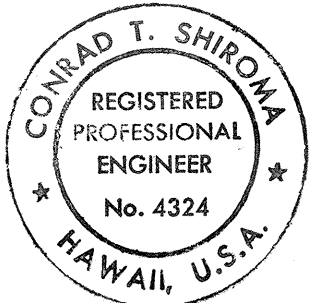
	14	17	18	19
Δ	34°31'00"	7°29'00"	15°39'15"	16°04'26"
$\Delta/2$	17°15'30"	3°44'30"	7°49'37.50"	8°02'13"
R	2,400.00	1,760.00	1,723.00	2,250.00
C	1,424.07	222.71	488.35	622.17
T	745.60	115.10	246.47	317.70
L	1,445.83	222.87	482.88	631.22

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-063-1(16)	1984	14	156

TRUE NORTH
SCALE: 1" = 20'



ORIGINAL PLAN	DATE
DESIGNED BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
Conrad T. Shiroma
Signature

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETAIL PLAN OF ROADWAY
STA. 66+00 TO STA. 72+01

LIKELIKE HIGHWAY IMPROVEMENTS
(VICINITY OF KULA KOLEA DRIVE TO KAM IV ROAD)

PROJECT NO. F-063-1 (16)

SHEET No. 6 OF 6 SHEETS