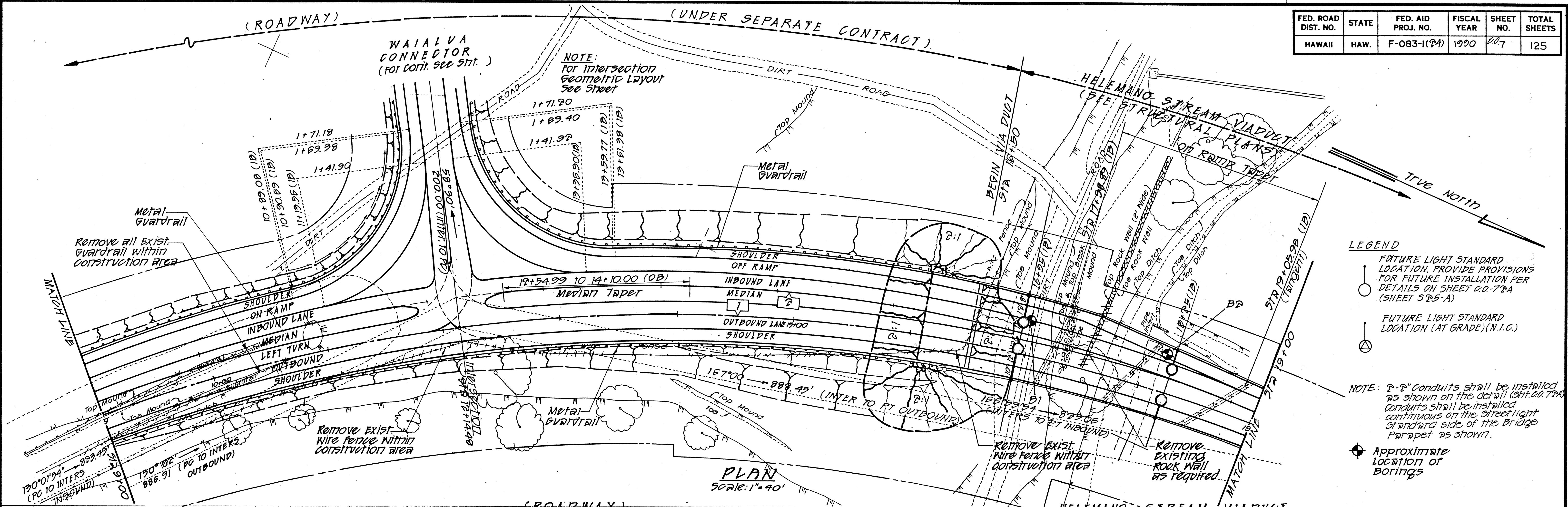


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-083-1(94)	1990	007	125

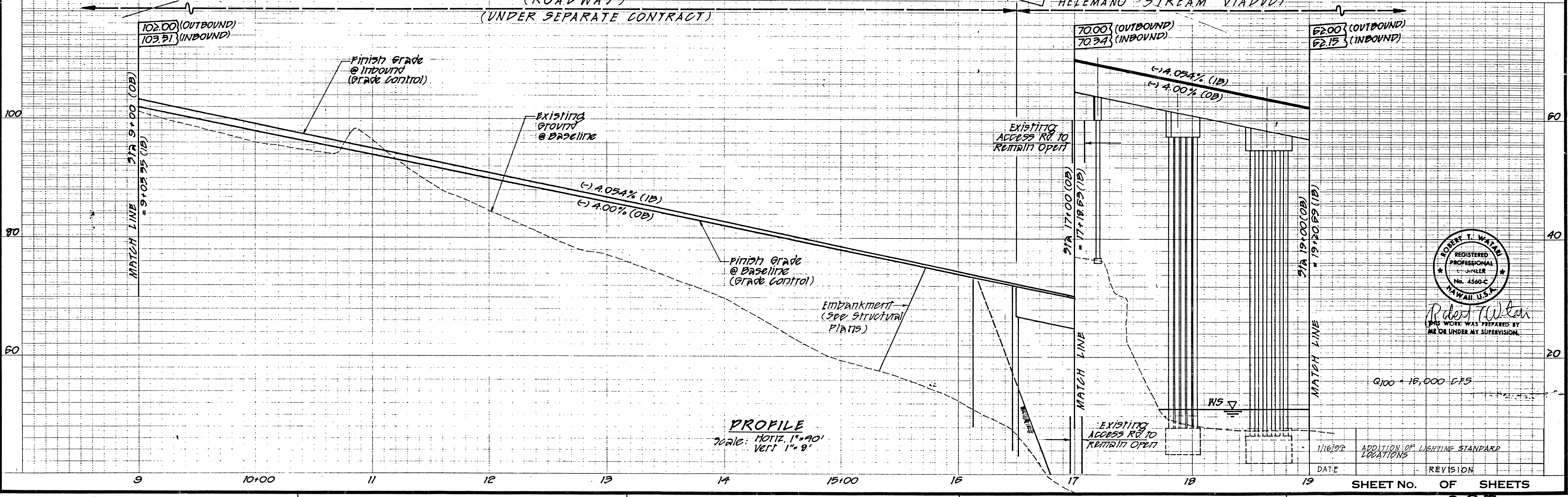


LEGEND

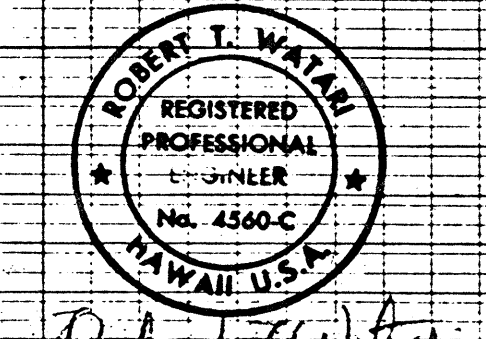
- FUTURE LIGHT STANDARD LOCATION. PROVIDE PROVISIONS FOR FUTURE INSTALLATION PER DETAILS ON SHEET G.O.-78A (SHEET 5R5-A)
- FUTURE LIGHT STANDARD LOCATION (AT GRADE) (N.I.C.)

NOTE: 2'-8" Conduits shall be installed as shown on the detail (Sht. 20 78A). Conduits shall be installed continuous on the street light standard side of the Bridge parapet as shown.

Approximate location of borings



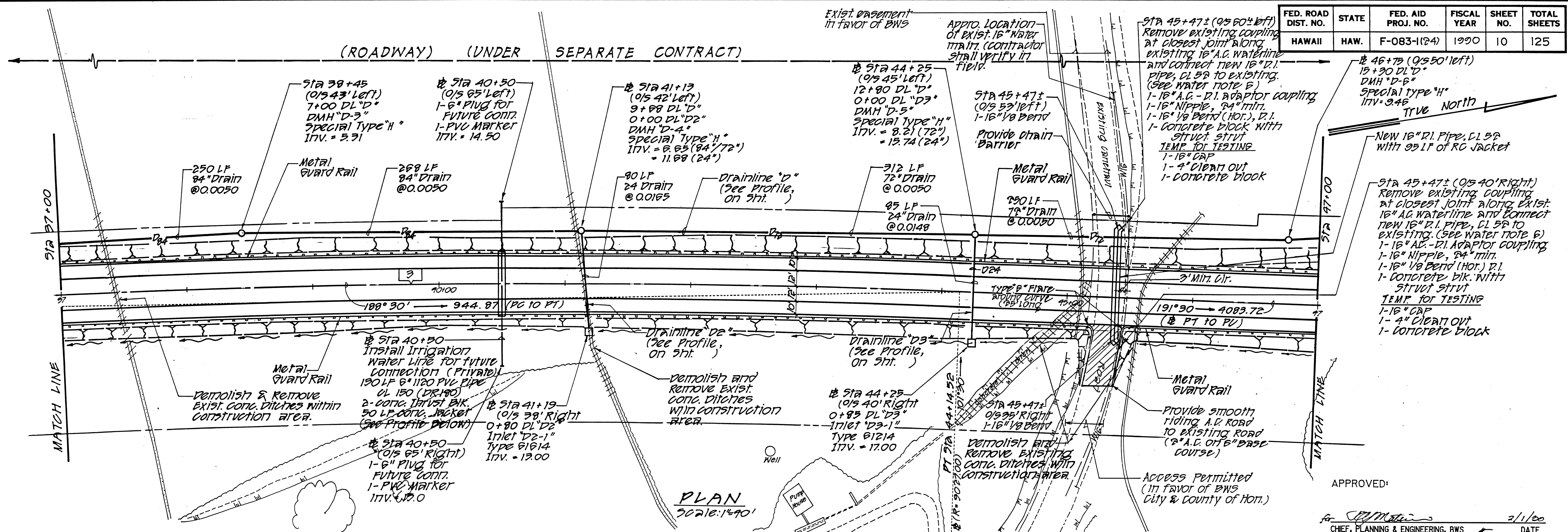
SURVEY PLOTTED BY _____ DATE _____
 DRAWN BY _____
 NOTE BOOK _____
 DESIGNED BY _____
 QUANTITIES BY _____
 CHECKED BY _____



Robert T. Wilson
 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

11/16/97 ADDITION OF LIGHTING STANDARD LOCATIONS
 DATE REVISION

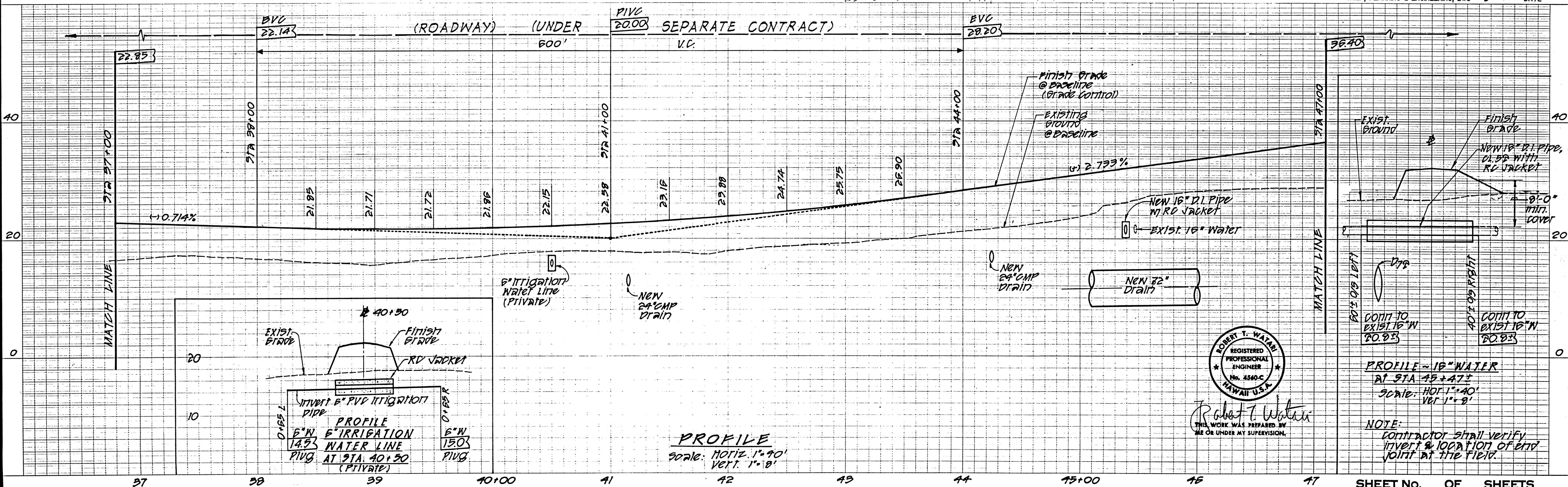
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-083-1(24)	1990	10	125



PLAN
Scale: 1"=40'

APPROVED:
for [Signature]
CHIEF, PLANNING & ENGINEERING, BWS
DATE 2/1/90

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



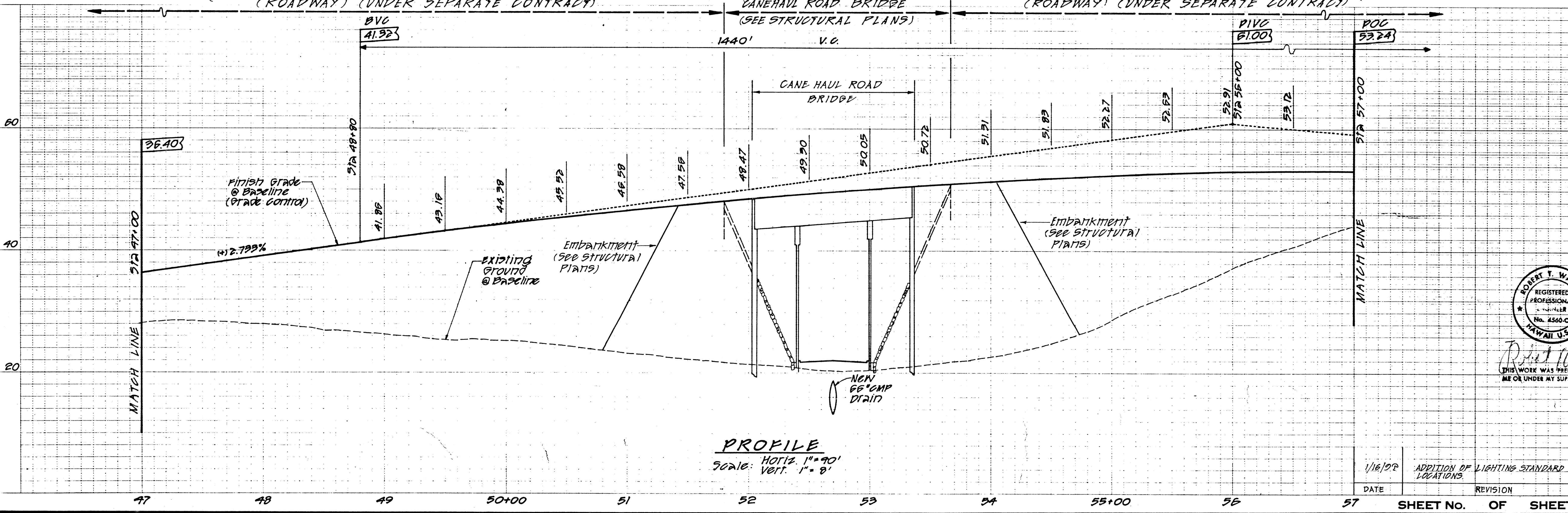
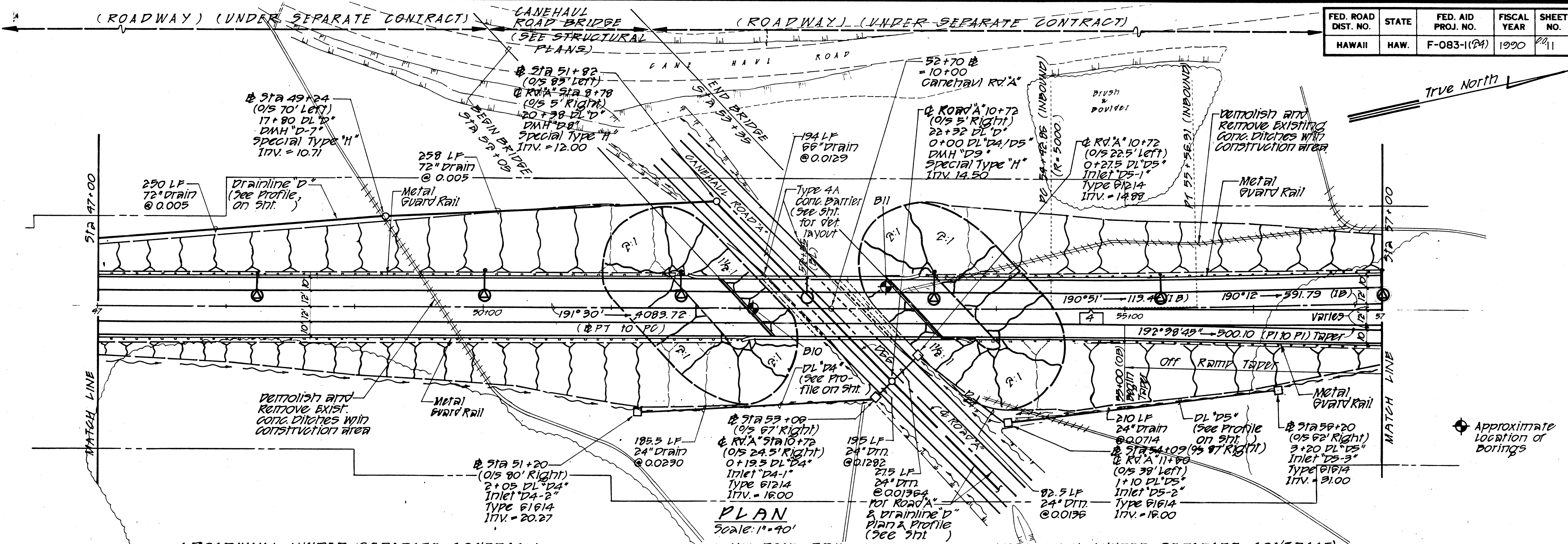
PROFILE
Scale: Horiz. 1"=40'
Vert. 1"=8'

ROBERT T. WATANI
REGISTERED PROFESSIONAL ENGINEER
No. 4560-C
HAWAII, U.S.A.
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

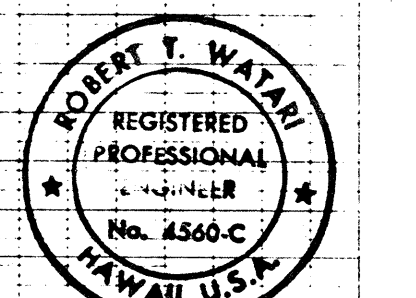
PROFILE - 16" WATER
at STA 45+47'
Scale: Horiz. 1"=40'
Vert. 1"=8'

NOTE:
Contractor shall verify invert & location of pipe joint at the field.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-083-1(24)	1970	20	125



DATE	_____
SURVEY PLOTTED BY	_____
DESIGNED BY	_____
TRACED BY	_____
NOTE BOOK	_____
QUANTITIES BY	_____
CHECKED BY	_____
NO.	_____

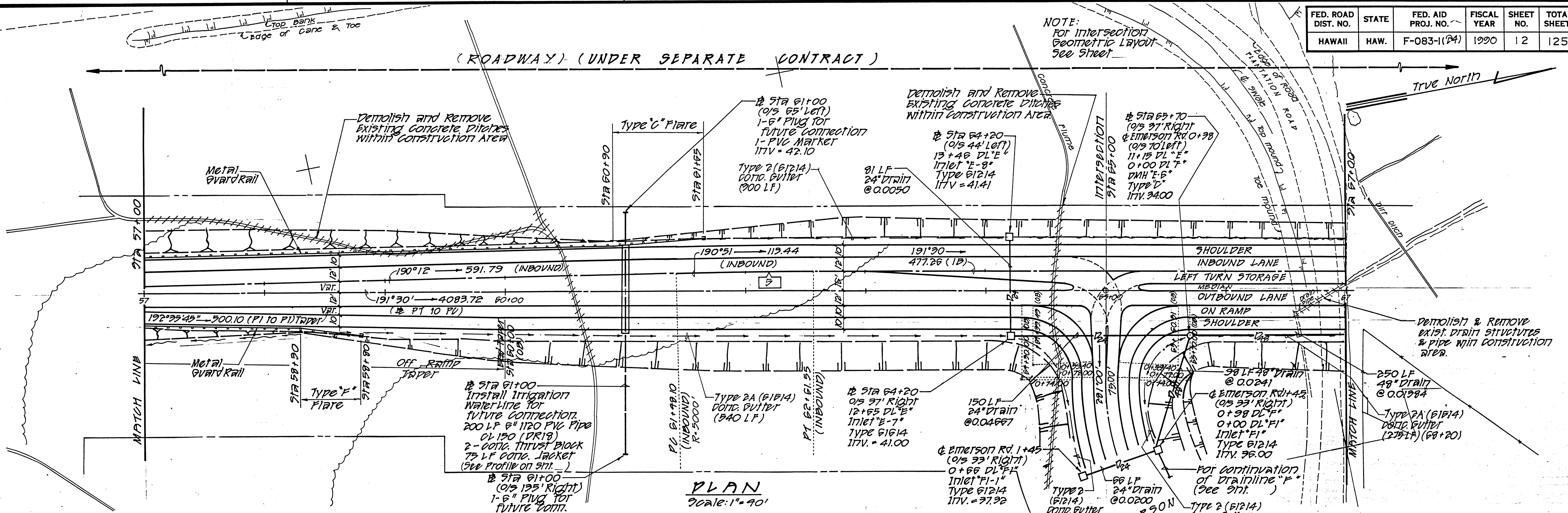


Robert T. Watai
 REGISTERED PROFESSIONAL ENGINEER
 No. 4560-C
 HAWAII U.S.A.
 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

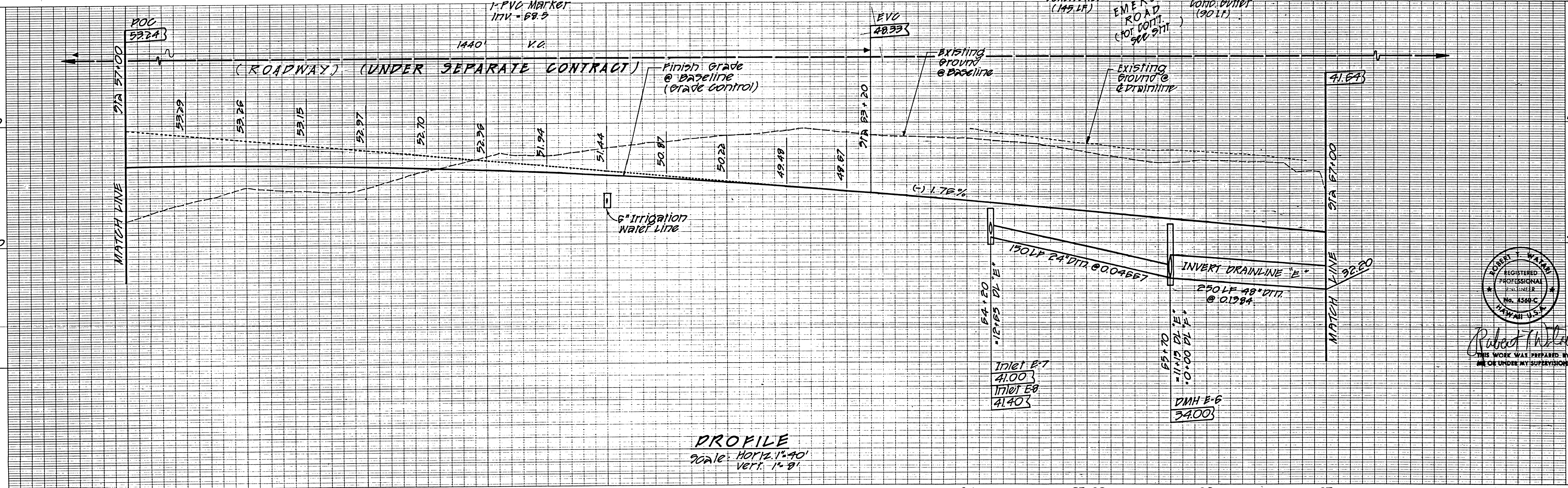
1/16/78
 DATE
 ADDITION OF LIGHTING STANDARD LOCATIONS
 REVISION

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-083-1(24)	1990	12	125

NOTE:
For Intersection
Geometric Layout
See Sheet

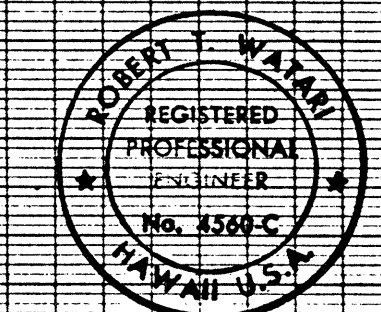


PLAN
Scale: 1" = 90'



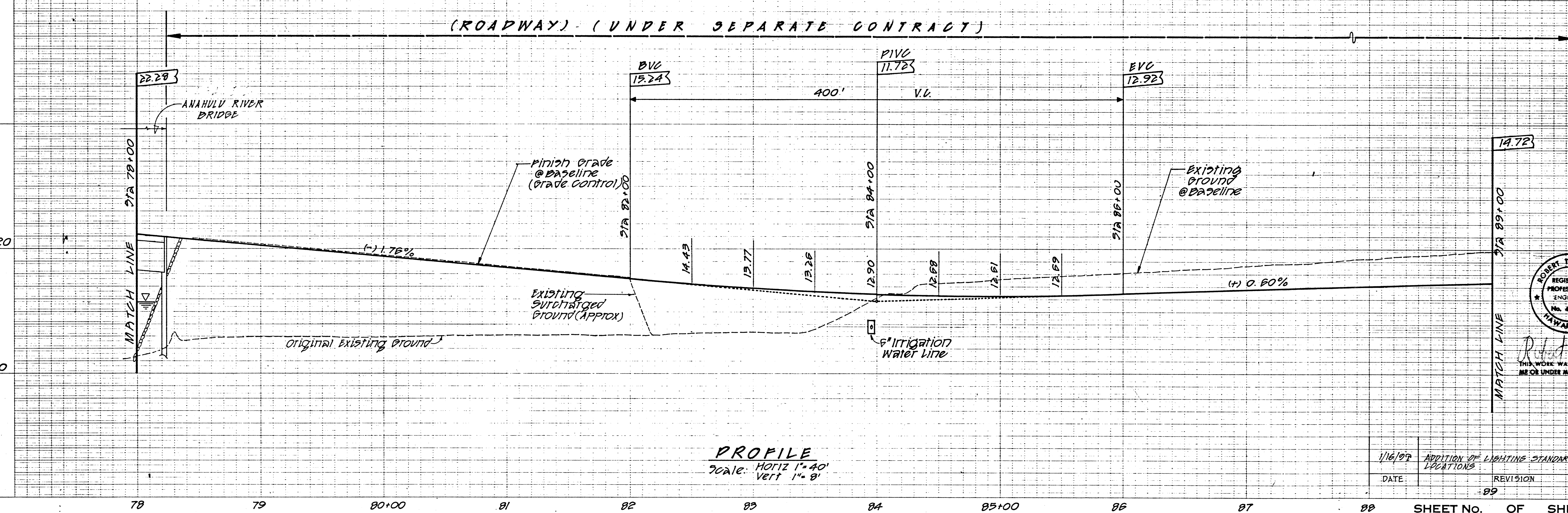
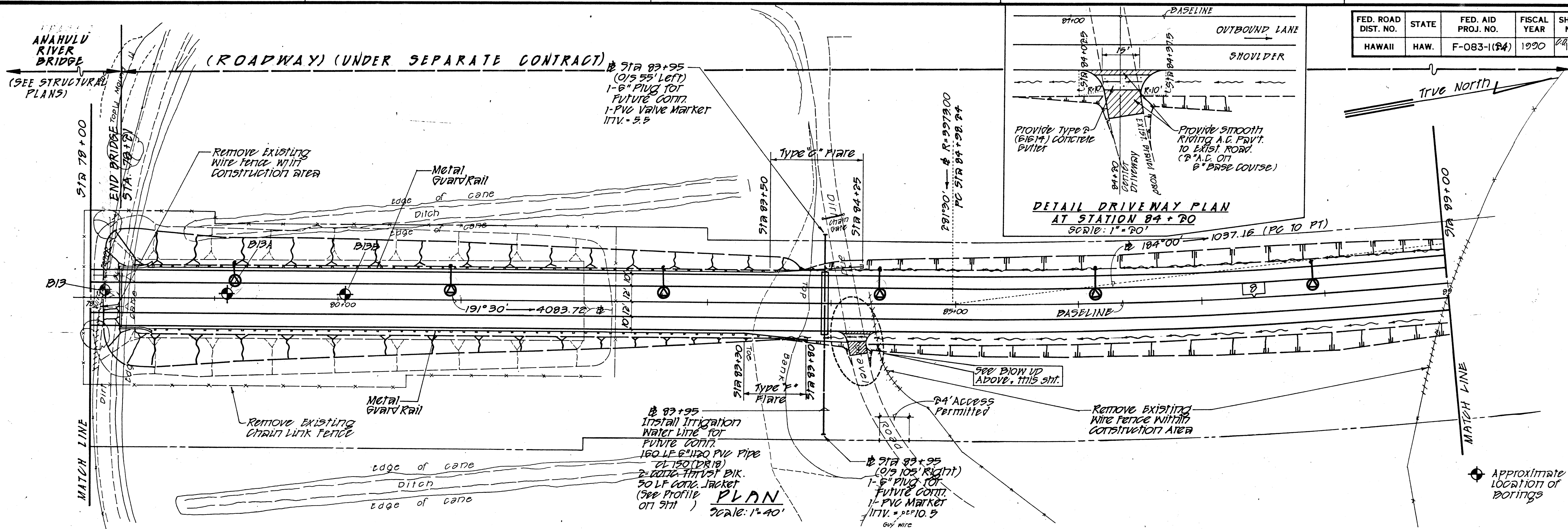
PROFILE
Scale: Horiz. 1" = 90'
Vert. 1" = 9'

SURVEY PLOTTED BY	DATE
DESIGNED BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
No.	

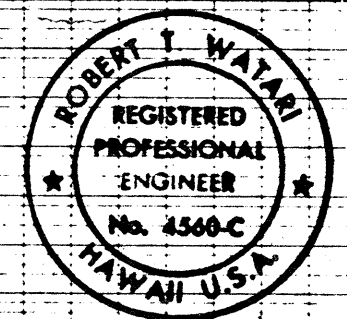


THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-083-1(84)	1990	14	125



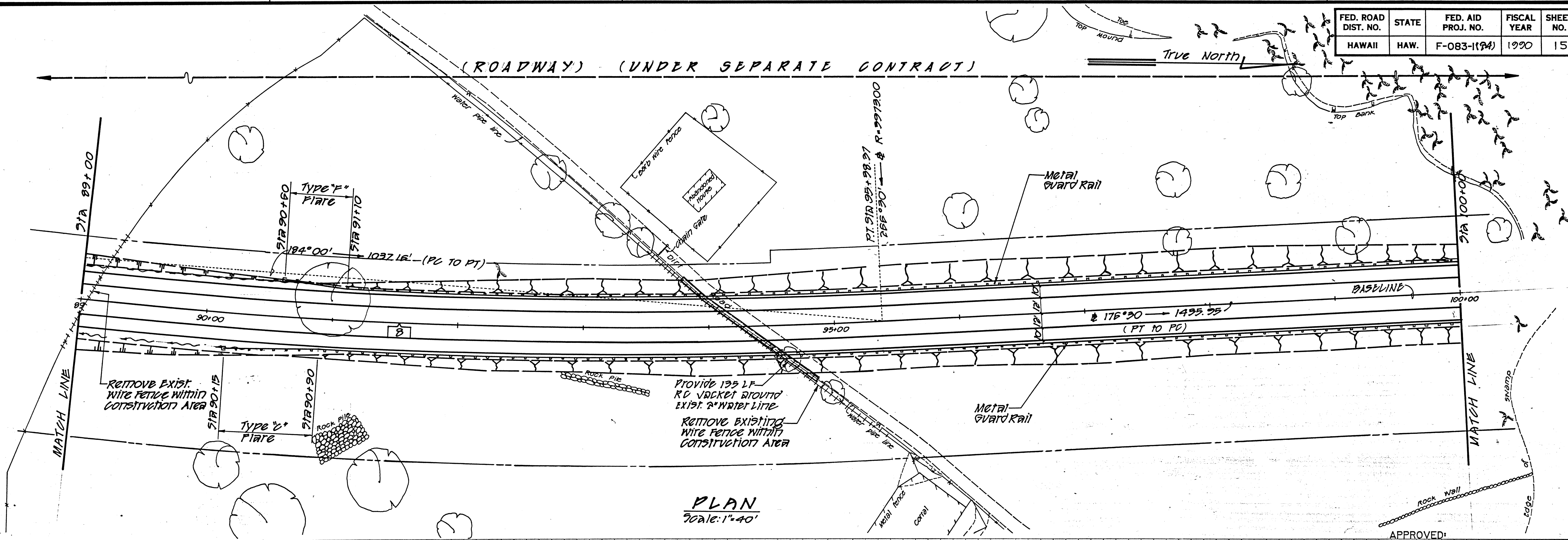
SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
No.	



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

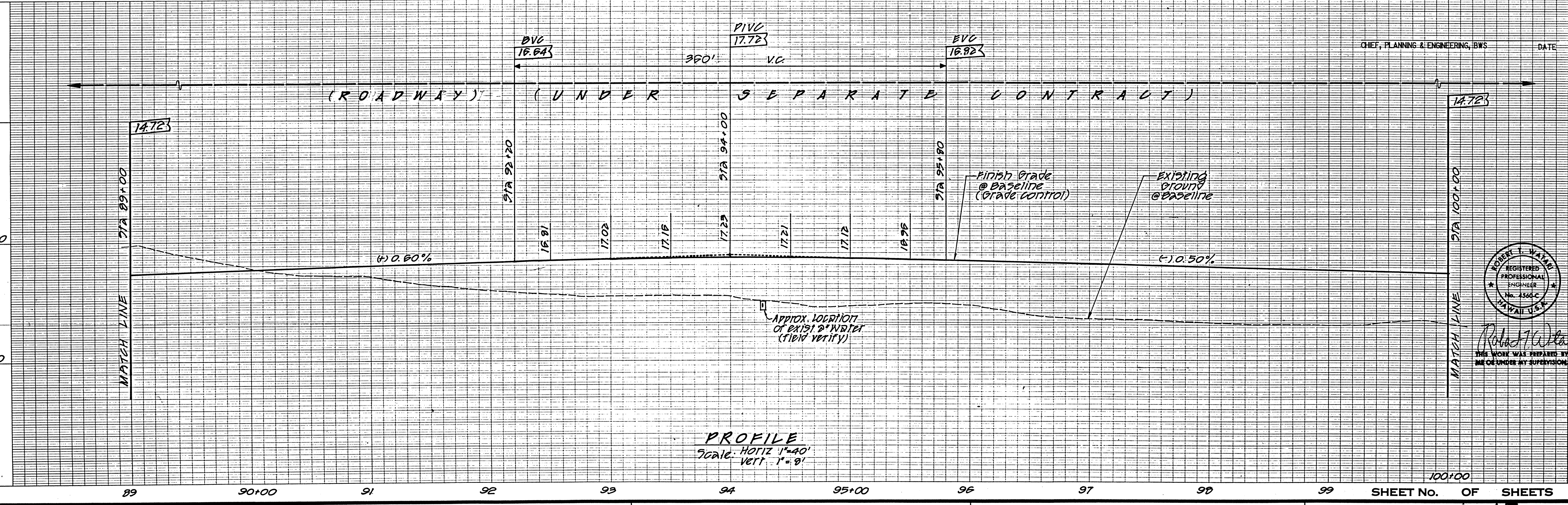
1/16/97	ADDITION OF LIGHTING STANDARD LOCATIONS
DATE	REVISION

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-083-1(94)	1990	15	125

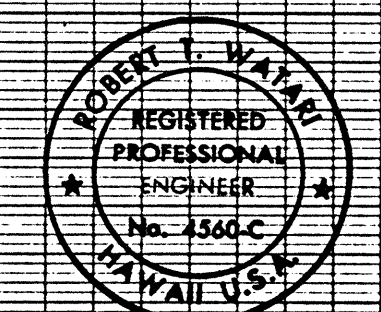


PLAN
Scale: 1"=40'

APPROVED: _____
CHIEF, PLANNING & ENGINEERING, BWS DATE: _____



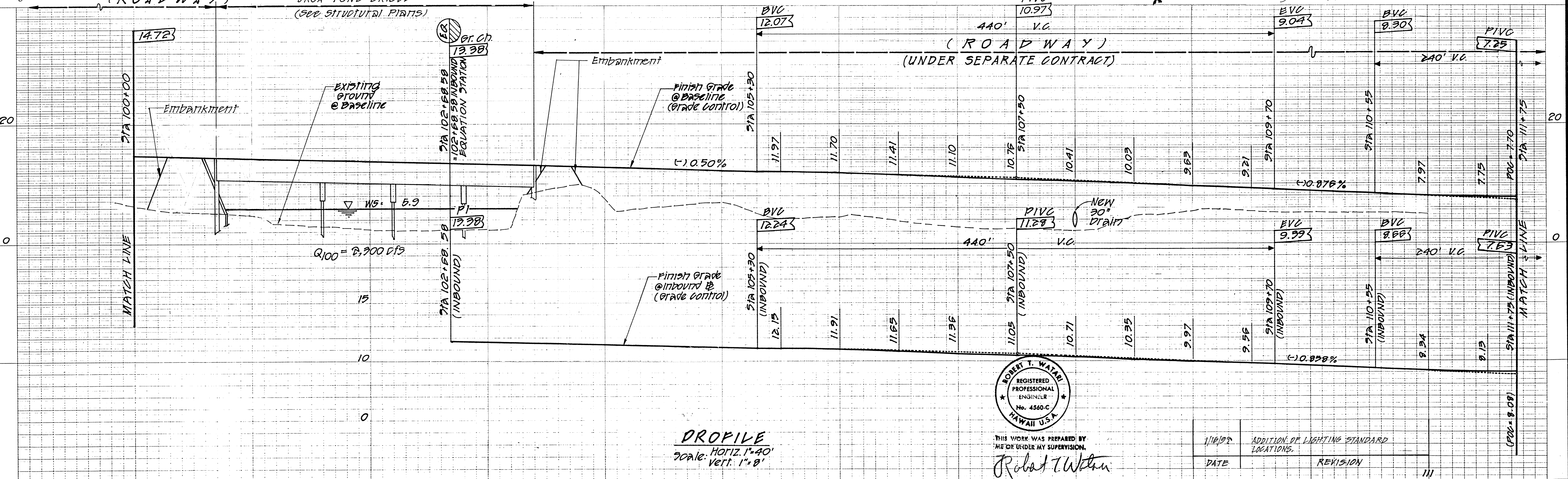
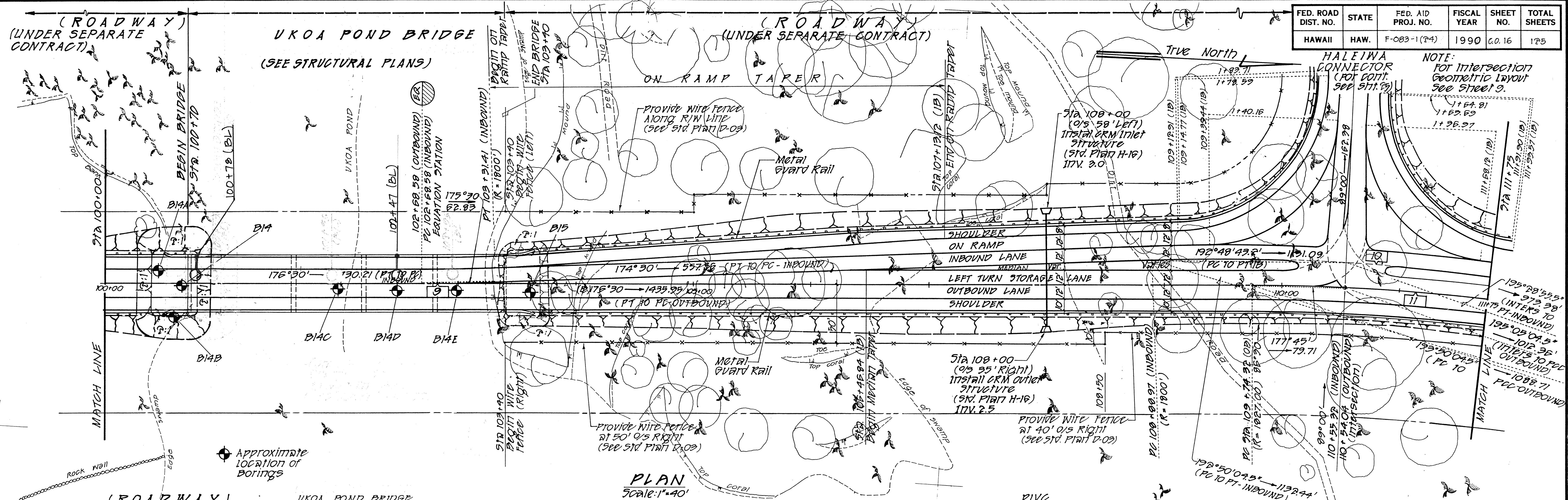
PROFILE
Scale: Horiz 1"=40'
Vert 1"=8'



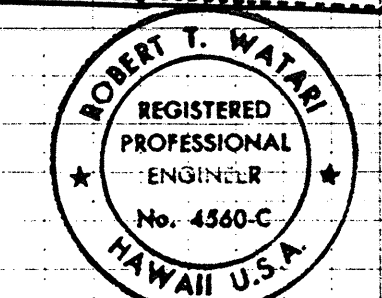
Robert T. Wain
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-083-1(24)	1990	60.16	125



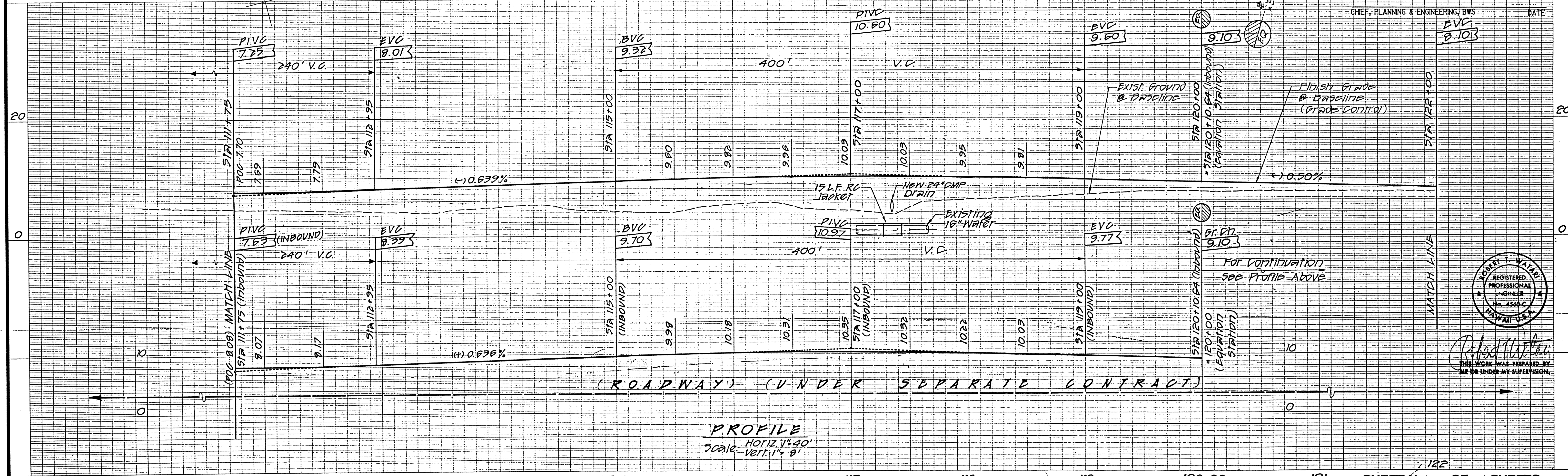
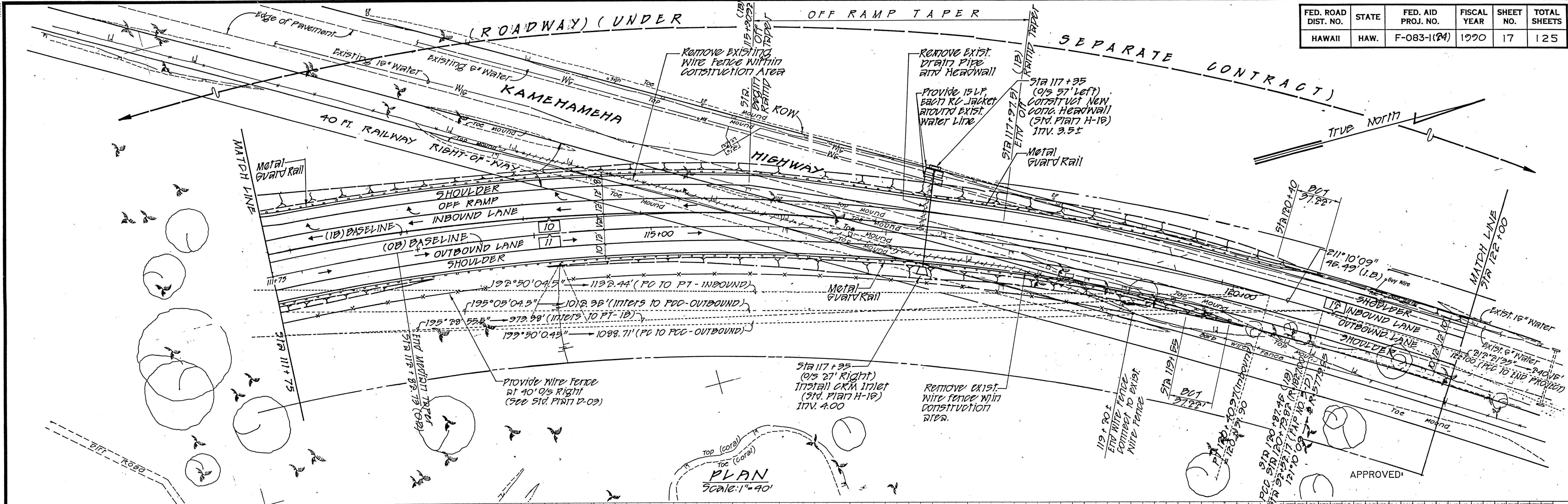
SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	



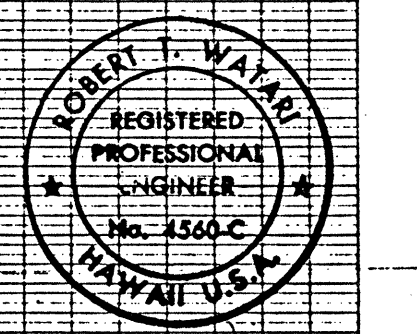
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
Robert T. Watson

DATE	REVISION
1/16/92	ADDITION OF LIGHTING STANDARD LOCATIONS.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-083-1(24)	1990	17	125

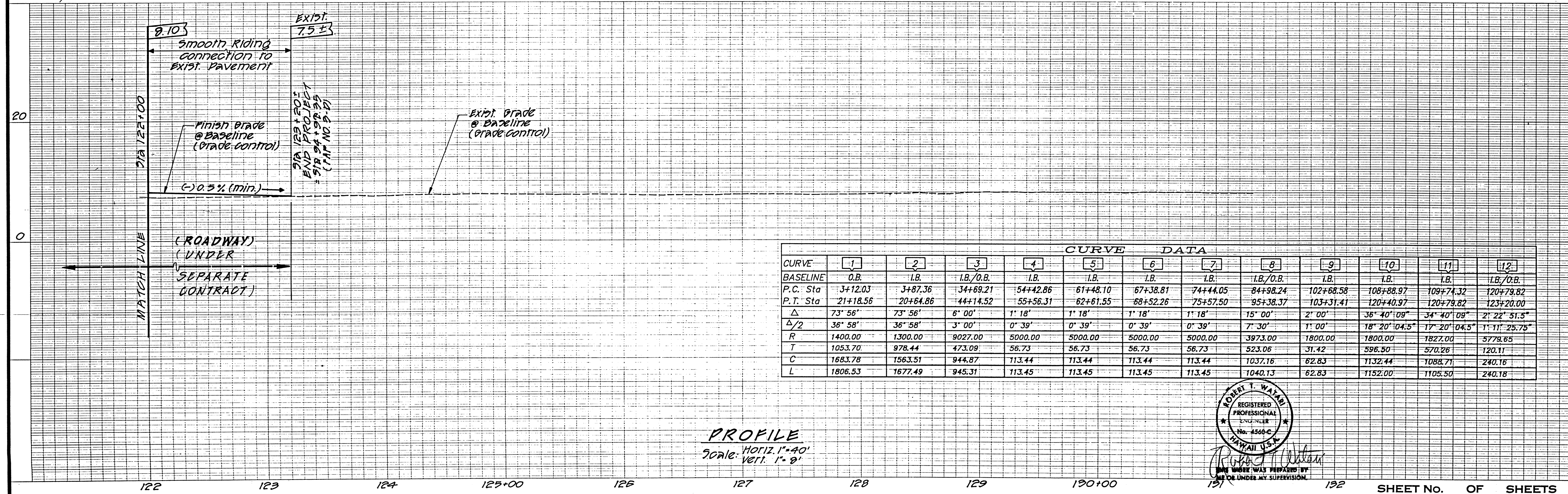
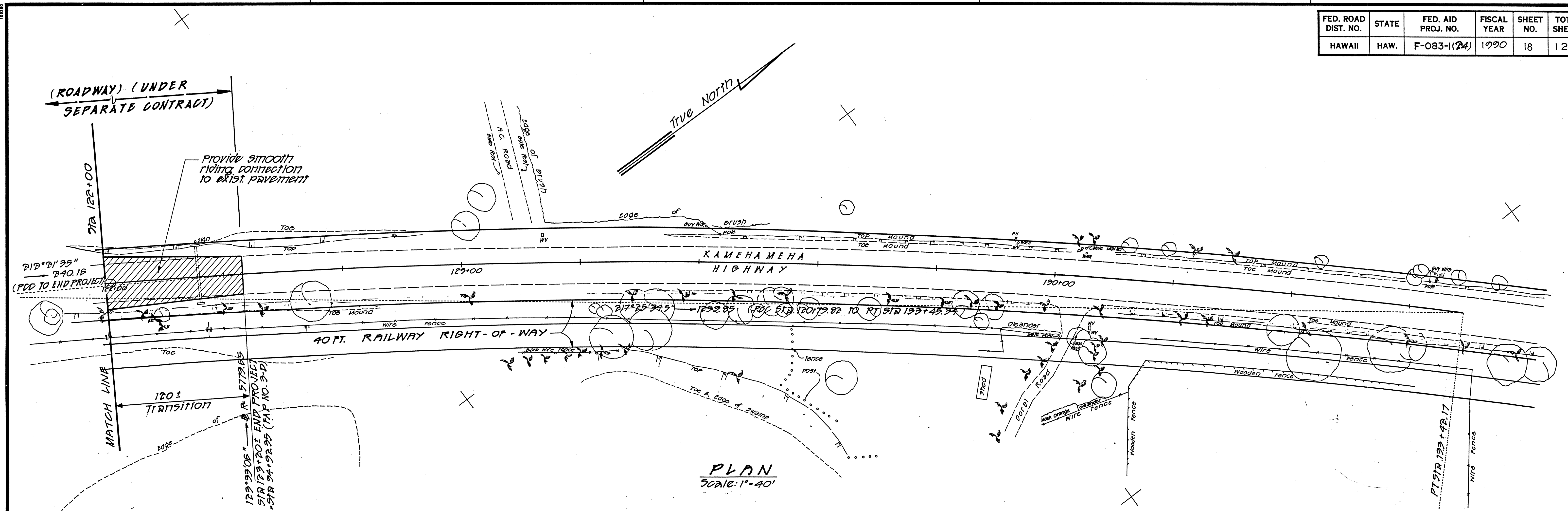


DATE	_____
SURVEY PLOTTED BY	_____
DESIGNED BY	_____
QUANTITIES BY	_____
CHECKED BY	_____



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-083-1(24)	1990	18	125



DATE _____
 SURVEY PLOTTED BY _____
 PLAN _____
 TRACKED BY _____
 DESIGNED BY _____
 NOTE BOOK _____
 QUANTITIES BY _____
 CHECKED BY _____
 NO. _____