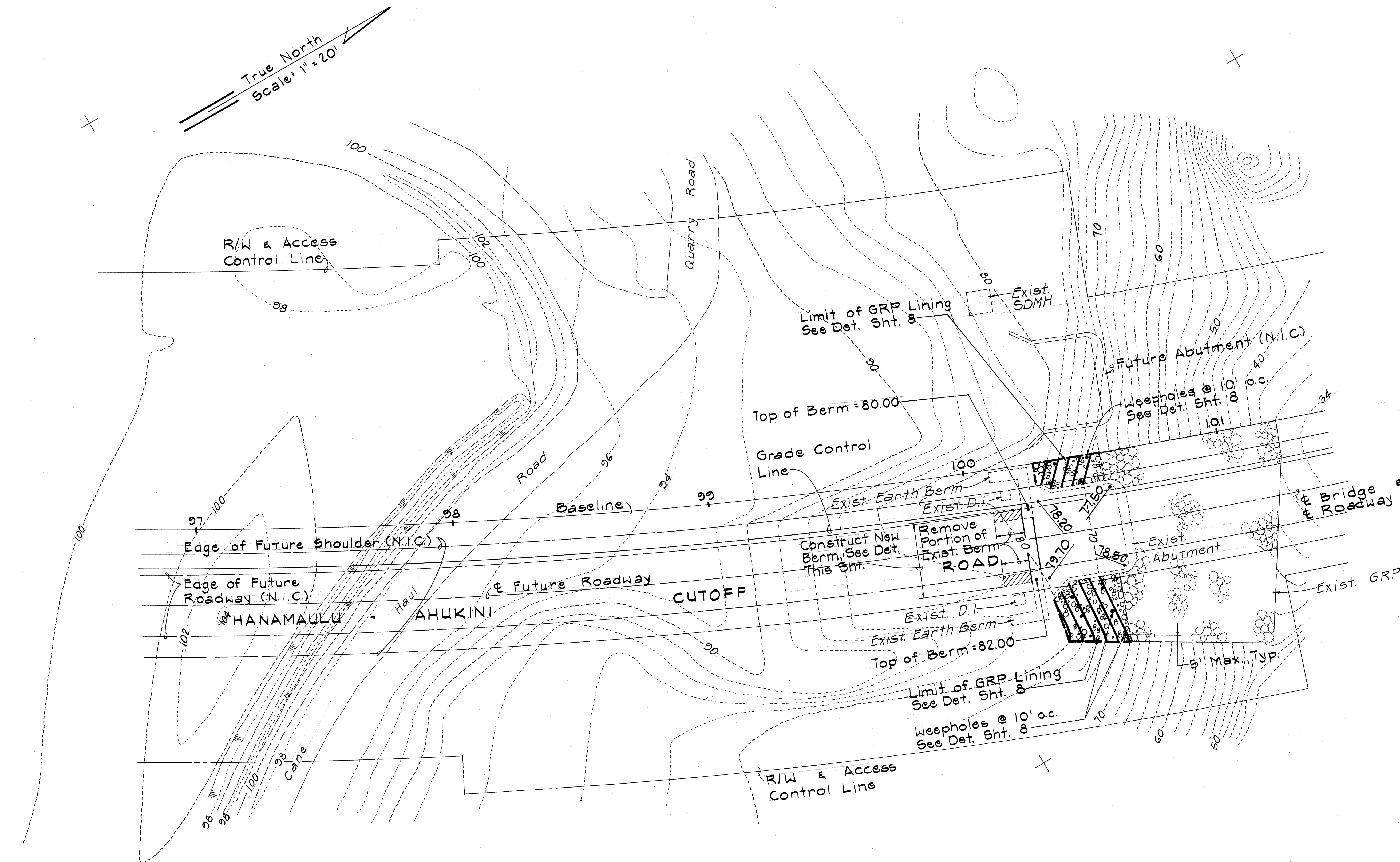
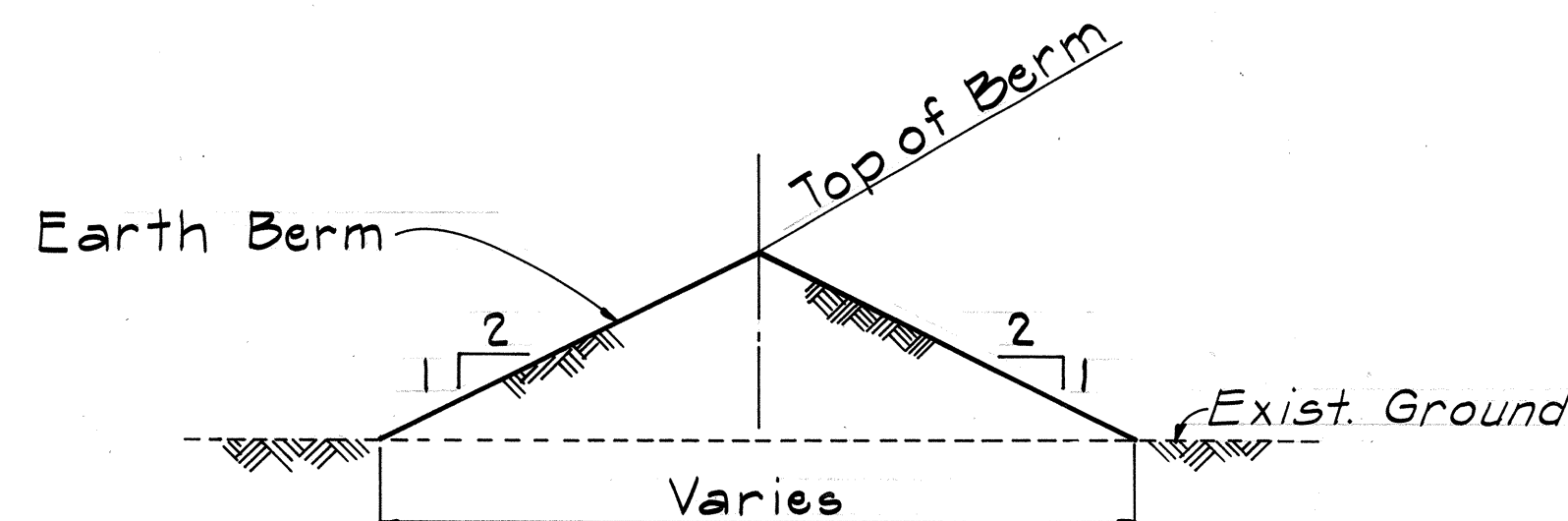


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-051-1(8)	1986	6	62

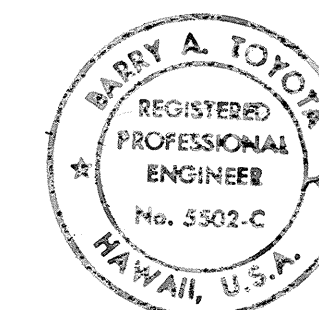


LEGEND

---70---	Existing Ground Contour
---50---	Finish Grade Contour



EARTH BERM DETAIL
Not to Scale



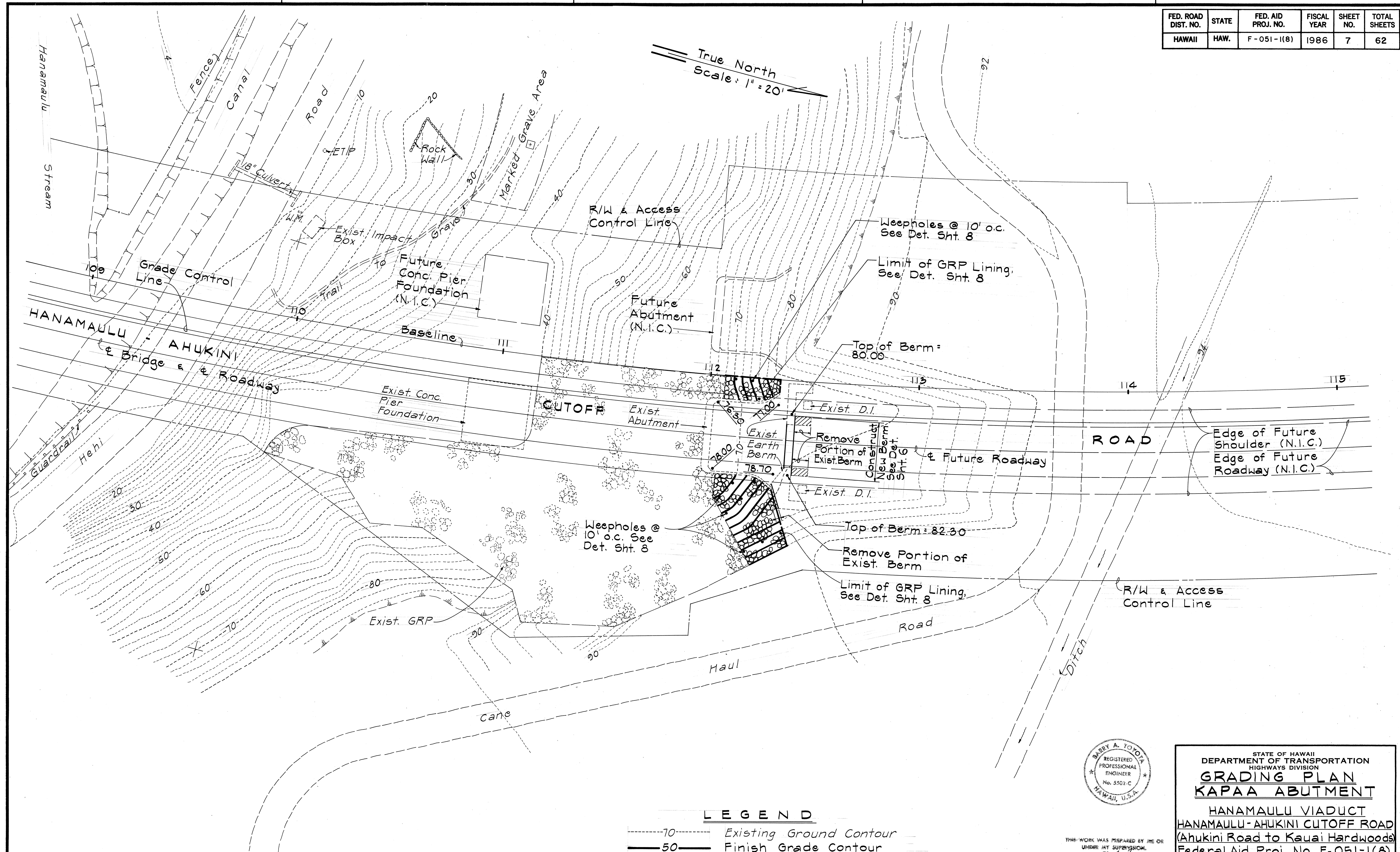
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

Barry A. Toyota

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

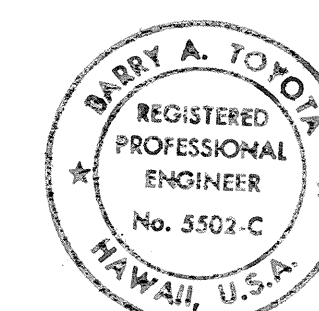
GRADING PLAN
LIHUE ABUTMENT
HANAMAULU VIADUCT
HANAMAULU - AHUKINI CUTOFF ROAD
(Ahukini Road to Kauai Hardwoods)
Federal Aid Proj. No. F-051-1(8)
Scale: As Shown Date: July, 1985
SHEET NO. 6 OF 21 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-051-1(8)	1986	7	62



SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	

LEGEND	
- - - - -	Existing Ground Contour
—————	Finish Grade Contour



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
Barry A. Toyota
 Registered Professional Engineer

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
GRADING PLAN
KAPAA ABUTMENT
 HANAMAULU VIADUCT
 HANAMAULU-AHUKINI CUTOFF ROAD
 (Ahukini Road to Kauai Hardwoods)
 Federal Aid Proj. No. F-051-1(8)
 Scale: As Shown Date: July, 1985
 SHEET NO. 7 OF 21 SHEETS