

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-051-1(8)	1986	22	62

ESTIMATED QUANTITIES

ITEM NO.	ITEM	UNIT	QUANTITY
206.7000	STRUCTURE BACKFILL.	C.Y.	516 428.7
206.8000	FILTER MATERIAL.	C.Y.	85 55.6
201.1000	DRAIN BOX ASSEMBLIES	EA.	24
503.1600	CONCRETE IN HANAMAULU VIADUCT.	L.S.	(3900 C.Y.)
504.8510	POST-TENSIONING OPERATION FOR HANAMAULU VIADUCT	L.S.	(290,000 lbs.)
506.1000	P.T.F.E. BEARING ASSEMBLIES	L.S.	
507.6000	CONCRETE RAILING AND END POST	L.F.	2440
507.9000	ALUMINUM RAILING	L.F.	2405
511.0100	DECK EXPANSION JOINT	L.F.	84 84.7
602.0600	REINFORCING STEEL IN HANAMAULU VIADUCT	L.S.	(1,160,000 lbs.)

INDEX TO DRAWINGS

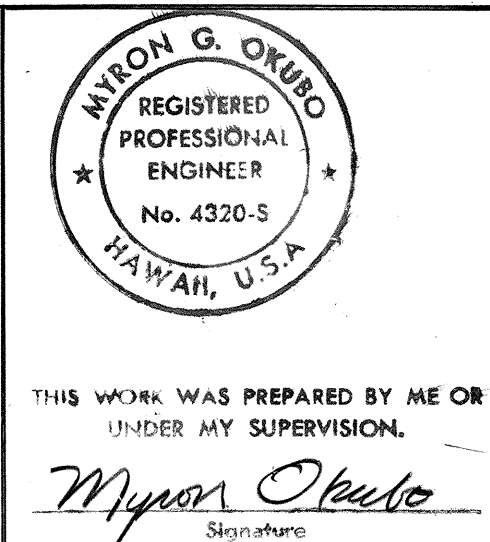
SHEET NO.	DESCRIPTION
S-1	INDEX TO DRAWINGS AND ESTIMATED QUANTITIES.
S-2	GENERAL SYMBOLS, NOTES AND ABBREVIATIONS.
S-3	BRIDGE PLAN AND ELEVATION.
S-4	BRIDGE FOUNDATION PLAN AND BORING LOCATION.
S-5	CAMBER DIAGRAM AND CONCRETE TYPE LIMIT.
S-6	LIHUE AND KAPAA ABUTMENTS PLAN AND ELEVATION.
S-7	ABUTMENT PLANS, SECTIONS AND DETAILS.
S-8	ABUTMENT SECTIONS.
S-9	ABUTMENT END DIAPHRAGM, ELEVATIONS AND SECTIONS.
S-10	LIHUE AND KAPAA ABUTMENT ELEVATIONS,
S-11	ABUTMENT BEARING AND RESTRAINER DETAILS.
S-12	RETAINING WALL SECTIONS AND DETAILS.
S-13	PIER #1 & PIER#6, FOOTING PLAN AND SECTION. ← (N.I.C.)
S-14	PIER #2 & PIER#3, FOOTING PLAN AND SECTION.
S-15	PIER #4 & PIER#5, FOOTING PLAN AND SECTION.
S-16	PIER SCHEDULE, NOTES, SECTIONS AND DETAILS.
S-17	FINISHED DECK ELEVATIONS.
S-18	BRIDGE DECK - FRAMING PLAN.
S-19	BOX GIRDER - TYPICAL SECTIONS AND DETAILS.
S-20	BRIDGE LONGITUDINAL SECTION WITH GIRDER STIRRUP SPACING.
S-21	PIER CAP SECTIONS.
S-22	POST TENSIONING DETAILS.
S-23	GENERAL POST TENSIONING NOTES AND DETAILS.
S-24	POST TENSIONING ANCHORAGE SECTIONS AND DETAILS.
S-25	HINGE - PLANS AND SECTIONS.
S-26	HINGE - SECTIONS AND DETAILS.
S-27	HINGE - SECTIONS AND DETAILS.
S-28	HINGE - SECTIONS AND DETAILS.
S-29	HINGE - SECTIONS AND DETAILS.
S-30	HINGE - SECTIONS AND DETAILS.
S-31	HINGE - SECTIONS AND DETAILS.
S-32	HINGE - DETAILS.
S-33	EQUALIZING BOLT AND RESTRAINER DETAILS.
S-34	RAILING AND POST CONNECTION DETAILS.
S-35	RAILING - SECTIONS AND DETAILS.

SHEET NO.	DESCRIPTION
S-36	BRIDGE CONCRETE RAILING END POST DETAILS.
S-37	DRAIN BOX AT BRIDGE DECK DETAILS.
S-38	MISCELLANEOUS DETAILS. (N.I.C.)
S-39	DECK EXPANSION JOINT DETAILS.
S-40	PRESTRESSED CONCRETE PILES-TYPICAL DETAILS.
S-41	PRESTRESSED CONCRETE PILES-TYPICAL DETAILS. (N.I.C.)
BORING LOGS	
B-1	BORING LOGS - HSB-A1, HSB-1, HSB-2, HSB-3.
B-2	BORING LOGS - HSB-A2, HSB-4, HSB-5, HSB-6.
B-3	BORING LOGS - HSB-5A-100, HSB-5B-100, HSB-5C-100.

STANDARD DETAILS

DB-100	NOTES AND MISCELLANEOUS DETAILS
DB-101-1	CONCRETE BOX GIRDER.
DB-101-2	CONCRETE BOX GIRDER.
DB-101-3	CONCRETE BOX GIRDER.

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
NOTES BOOK	
CHECKED BY	



DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
INDEX TO DRAWINGS & ESTIMATED QUANTITIES HANAMAULU VIADUCT HANAMAULU-AHUKINI CUTOFF ROAD Ahukini Road to Kauai Hardwoods PROJECT NO. F-051-1(8)	
SCALE: NONE	DATE: JULY 1985
SHEET No. S-1 OF S-39 SHEETS	