

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(180):17	1982	6	47

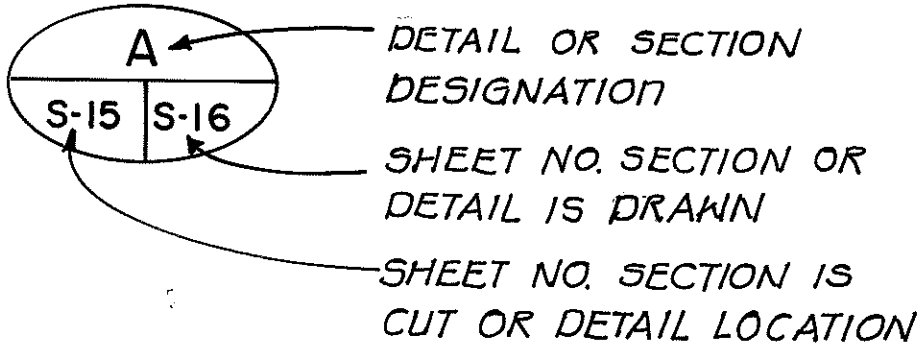
ESTIMATED QUANTITIES						
ITEM NO.	ITEM	UNIT	QUANTITIES			
			H-1 (E.B.)	NC (E.B.)	HOV RAMP	RAMPS A&B RAMP C
504.2203	AASHTO TYPE II PRESTRESSED CONCRETE GIRDERS; RAMPS A & B	Lump Sum				(2,140 LF)
504.2303	KEEHI TYPE II F PRESTRESSED CONCRETE GIRDERS; RAMPS A & B	Lump Sum				(870 LF)
504.4500	KEEHI TYPE IV PRESTRESSED CONCRETE GIRDERS; H-1 (EB) VIADUCT	Lump Sum	(5,515 LF)			
504.4501	KEEHI TYPE IV PRESTRESSED CONCRETE GIRDERS; NIMITZ CONNECTOR (EB)	Lump Sum		(6,383 LF)		
504.4502	KEEHI TYPE IV PRESTRESSED CONCRETE GIRDERS; HOV RAMP	Lump Sum			(1,154 LF)	
504.4503	KEEHI TYPE IV PRESTRESSED CONCRETE GIRDERS; RAMPS A & B	Lump Sum				(4,010 LF)
504.4504	KEEHI TYPE IV PRESTRESSED CONCRETE GIRDERS; RAMP C	Lump Sum				(526 LF)
504.4510	KEEHI TYPE IV F PRESTRESSED CONCRETE GIRDERS; H-1 (EB) VIADUCT	Lump Sum	(1,119 LF)			
504.4511	KEEHI TYPE IV F PRESTRESSED CONCRETE GIRDERS; NIMITZ CONNECTOR (EB)	Lump Sum		(1,596 LF)		
504.4512	KEEHI TYPE IV F PRESTRESSED CONCRETE GIRDERS; HOV RAMP	Lump Sum			(1,154 LF)	
504.4513	KEEHI TYPE IV F PRESTRESSED CONCRETE GIRDERS; RAMPS A & B	Lump Sum				(1,180 LF)
504.4514	KEEHI TYPE IV F PRESTRESSED CONCRETE GIRDERS; RAMP C	Lump Sum				(104 LF)
504.9500	STRAND SLIPPAGE MEASUREMENT ON GIRDERS	Ea.	50	50	50	50
699.1100	MOBILIZATION (NOT TO EXCEED 6% OF THE SUM OF ALL ITEMS EXCLUDING THIS ITEM)	Lump Sum	Lump Sum			

INDEX OF BRIDGE DRAWINGS FOR H-1 (E.B.), RAMP C AND HOV RAMP	
SHEET NO.	DESCRIPTION
7	GENERAL PLAN AND LONGITUDINAL SECTION
8	DETAILS OF TYPE I PIER
9	DETAILS OF TYPE II PIER
10	DETAILS OF TYPE III PIER
11	PIER GEOMETRY TABLE - SHEET 1 OF 2
12	PIER GEOMETRY TABLE - SHEET 2 OF 2
13	BEARING DETAILS
14	FRAMING PLAN - SHEET 1 OF 2
15	FRAMING PLAN - SHEET 2 OF 2
16	BEAM TYPE SCHEDULE
17	PRESTRESS BEAM DETAILS - SHEET 1 OF 2
18	PRESTRESS BEAM DETAILS - SHEET 2 OF 2

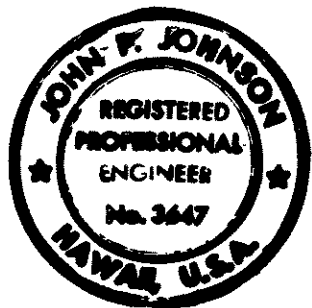
INDEX OF BRIDGE DRAWINGS FOR H-1 (E.B.), RAMP A AND RAMP B	
SHEET NO.	DESCRIPTION
19	GENERAL LAYOUT PLAN & LONGITUDINAL SECTION
20	GENERAL LAYOUT PLAN & LONGITUDINAL SECTION
21	PARTIAL LAYOUT, FOUNDATION, GRID GRADE PLANS, & LONGITUDINAL SECTION
22	GENERAL LAYOUT PLAN
23	LONGITUDINAL SECTIONS
24	NORMAL SECTION & PARTIAL ELEVATIONS
25	NORMAL SECTION & PARTIAL ELEVATION
26	NORMAL SECTION & PARTIAL ELEVATION
27	PIERS NE-1, NE-2, PLAN & ELEVATION
28	PIERS NE-3 THRU NE-5 PLAN & ELEVATION
29	PIERS NE-6 THRU NE-8 PLAN & ELEVATION
30	PIERS A-1, A-2, A-3, A-4, A-I, A-II AND A-III DETAILS
31	PIER A5 DETAIL
32	PIER A6 DETAIL
33	PIER A7 DETAIL
34	PIER A8 DETAIL
35	PIER A9 & B1 DETAIL
36	PIER A10 DETAIL
37	PIER B2 DETAIL
38	DECK FRAMING PLAN
39	DECK FRAMING PLAN
40	DECK FRAMING PLAN
41	DECK FRAMING PLAN
42	DECK FRAMING PLAN
43	DECK FRAMING PLAN
44	BEAM TYPE SCHEDULE
45	PRESTRESS BEAM DETAILS - SHEET 1 OF 2
46	PRESTRESS BEAM DETAILS - SHEET 2 OF 2
47	BEARING DETAILS

SYMBOLS AND ABBREVIATIONS

(E) OR (EXP.)	EXPANSION	O.C.	ON CENTERS
(H)	HINGE	O/S.	OFFSET
ALT.	ALTERNATIVE	STR.	STRAIGHT OR STRINGER
AZ.	AZIMUTH	STIRR.	STIRRUP
CL	CENTERLINE	TYP.	TYPICAL
BL	BASELINE	(T) OR T.	TOP
E.F.	EACH FACE	(B) OR B.	BOTTOM
B.F.	BOTH FACES	BRG.	BEARING
F.F.	FAR FACE	T.O.D.	TOP OF DECK
N.F.	NEAR FACE	W.P.	WORKING POINT
C.J.	CONSTRUCTION JOINT	@	AT
CL	CLEAR	Ø OR DIA.	DIAMETER
EL., ELEV.	ELEVATION	PL	PLATE
E.P.	EDGE OF PAVEMENT		
EB	EAST BOUND		
FIN. GR.	FINISHED GRADE		
WB	WEST BOUND		
INV.	INVERT		
JT.	JOINT		
N.T.S.	NOT TO SCALE		
N.I.C.	NOT IN CONTRACT		



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
No.	TRACED BY	
	QUANTITIES BY	
	CHECKED BY	



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION
John F. Johnson

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
INDEX OF BRIDGE DRAWINGS AND ESTIMATED QUANTITIES	
KEEHI INTERCHANGE F.A.I. PROJ. NO. I-HI-1(180):17	
SCALE: NO SCALE	DATE: 6 / 17 / 82
SHEET No. B-1 OF 1 SHEETS	