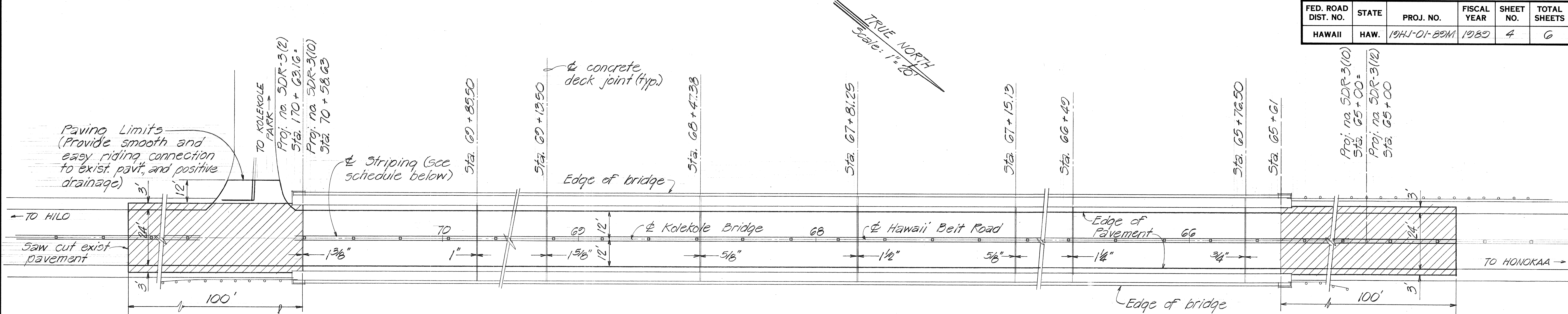


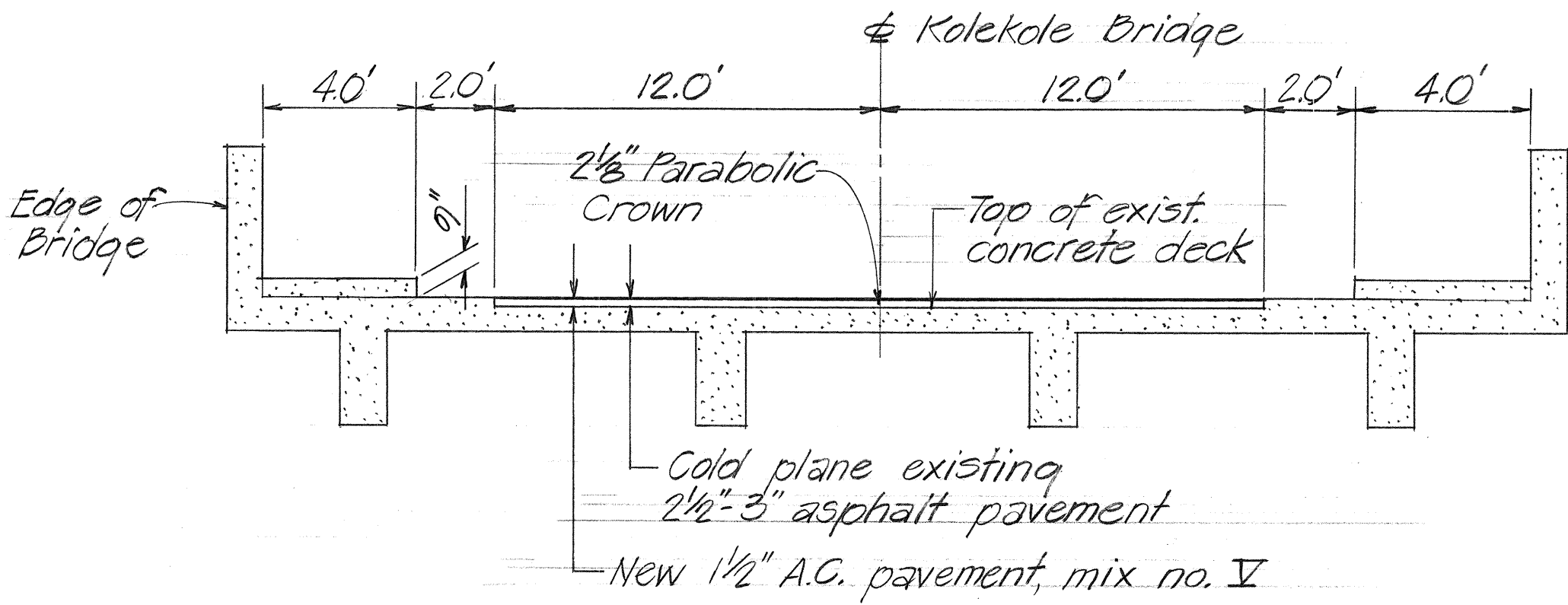
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19HJ-01-89M	1989	4	6



BRIDGE PLAN
Scale: 1"=20'

PAVEMENT MARKER SCHEDULE				
PROJ. NO.	STATION		DESCRIPTION	TYPE
	FROM	TO		
SDR-3(2)	169+00			6
	165+10	170+20	No Passing-Both Sides	26
	170+20	170+60	Open (Sideroad)	2
SDR-3(12)	170+60	170+63.16 70+58.63	No Passing-Both Sides	0
	170+63.16 70+58.63	64+01.63	No Passing-Both Sides	28
TOTALS				36 56

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	EST. QUANTITY	UNIT
301.0100	Asphalt Concrete Base Course	166 164.44	Tons
401.0500	Asphalt Conc. Pavement, Mix V	77 180.76	Tons
520.0200	Repairs to Expansion Joints	L.S.	L.S.
629.2040	Type DL Pavement Markers	56 36	Each
651.0100	Excavation for Reconstruction	102 106.67	C.Y.
652.1000	Cold Plane Existing Pavement	1330 1,334.60	S.Y.



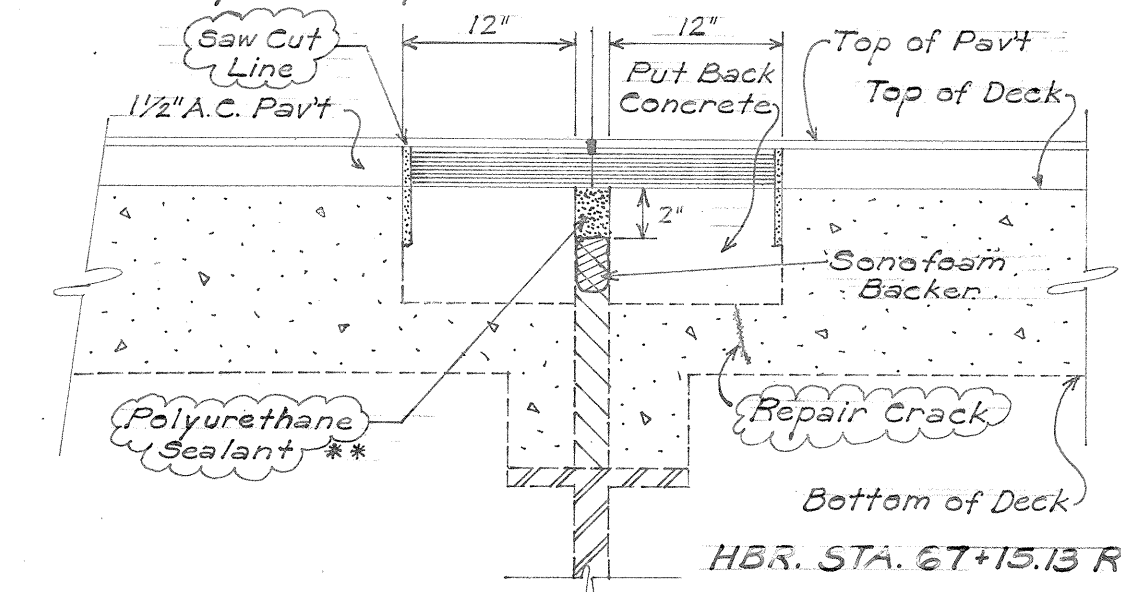
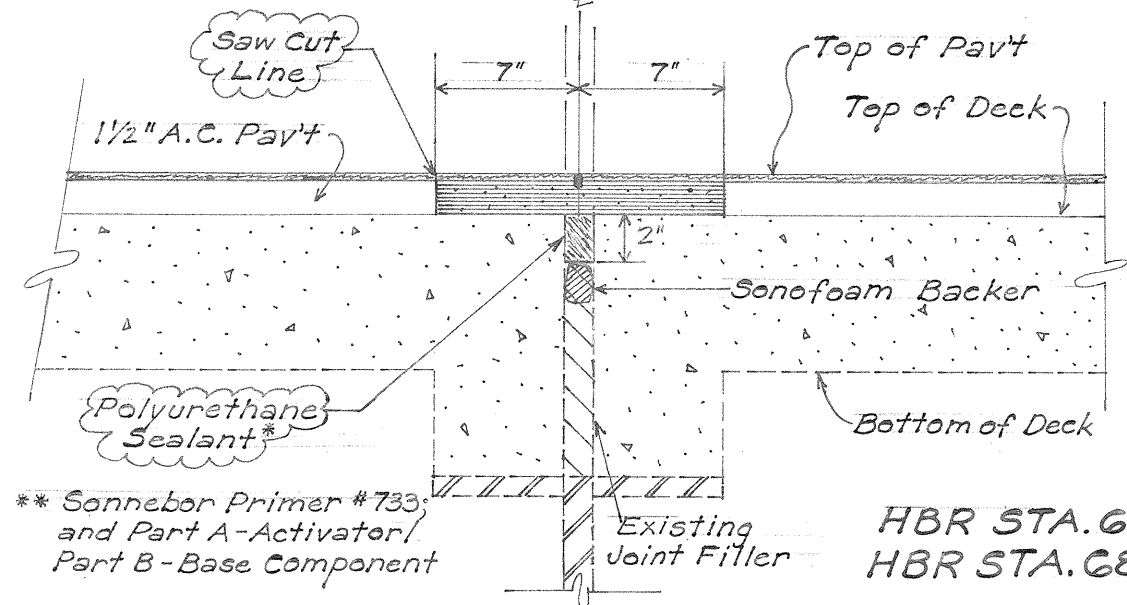
TYPICAL BRIDGE SECTION
Not to Scale

RECONSTRUCTION DETAIL AT EXPANSION JOINTS
NOTE:

- 1) Saw Cut 1 1/2" Thick A.C. Mix V Pavement and 1"-1 1/2" Concrete of Existing Deck.
- 2) Clean Out Existing Material From Joints
- 3) Repair Large Cracks at Expansion Joints
NOTE: a) Should There be Cracks, Chip & Expose to Rebar, Apply Epoxy Bonding Agent
b) Pour Set 45 Concrete
- 4) Place Spacerblock or S. Foam & Pour Concrete
- 5) Pour Polyurethane Sealant
- 6) Lay and Compact 1 1/2" A.C. Mix No. V

RECONSTRUCTION DETAIL AT EXPANSION JOINT
NOTE:

- 1) Saw Cut 1 1/2" Thick A.C. Mix V Pavement With Lesser Width. (Use 14" Wide (7" x 7") x Length)
- 2) Clean Out Existing Material From Joints
- 3) Check For Large Cracks at Expansion Joints
NOTE: a) Should There be Cracks, Chip & Expose to Rebar, Apply Epoxy Bonding Agent
b) Pour Set 45 Concrete
- 4) Pour Polyurethane Sealant
- 5) Replace With 1 1/2" A.C. Mix No. V

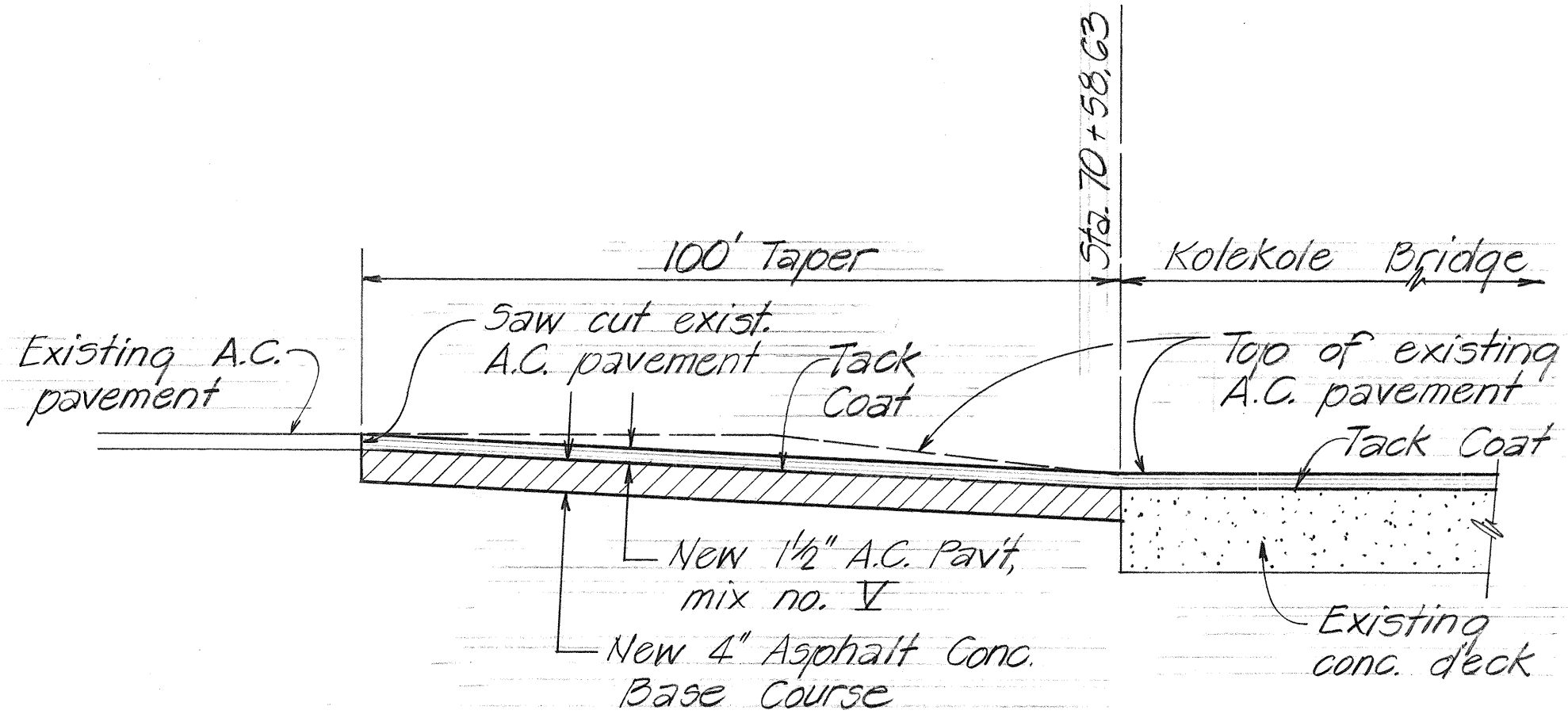


RECONSTRUCTION DETAIL AT EXPANSION JOINT
Not to Scale

EXPANSION JOINT SCHEDULE *		
STATION	APPROX. OPENING	LENGTH#
70+58.63	1 3/8 in.	38 ft.
69+85.50	1 in.	38
69+13.50	1 5/8 in.	38
68+47.38***	5/8 in.	38
67+81.25	1 1/2 in.	38
67+15.13***	5/8 in.	38
66+66.49	1 1/4 in.	38
65+76.50	3/4 in.	38

* See Detail A 5-45-6

*** See Construction Detail at Expansion Joint on this sheet.



BRIDGE APPROACH DETAIL
Not to Scale

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

BRIDGE PLANS & DETAILS
KOLEKOLE BRIDGE

HAWAII BELT ROAD-VARIOUS BRIDGES
Repair Expansion Joints & Resurface Decks
Proj. no. 19HJ-01-89M

Scale: As Noted Date: Feb. 1989

SHEET NO. 1 OF 1 SHEETS

DATE _____

SURVEY PLOTTED BY _____

DRAWN BY _____

TRACED BY _____

QUANTITIES BY _____

CHECKED BY _____

ORIGINAL PLAN _____

NOTE BOOK _____

NO. _____