

STEEL SCHEDULE

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
Hawaii	Haw	F47(3)	1950	1	5

Corrections Noted 5-10-50

MK	DESCRIPTION	Location	Size	Length	No. of Bars in Ea. Unit	No. of Units	Total No. of Bars	Total Length	Wt. Per Ft.	Total Weight
800		Span #1 G-1	1" $\square$	59'-3 3/4"	1	1	1	59.3		
"		G-2	"	59'-6 3/4"	1	1	1	59.6		
"		G-3	"	59'-9 1/2"	1	1	1	59.8		
"		G-4	"	60'-0 3/4"	1	1	1	60.0		
800a		Span #1 G-1	"	58'-11 3/4"	1	1	1	59.0		
"		G-2	"	59'-2 3/4"	1	1	1	59.2		
"		G-3	"	59'-5 1/2"	1	1	1	59.5		
"		G-4	"	59'-8 1/4"	1	1	1	59.7		
804		Span #1 G-1	"	49'-10 1/2"	2	1	2	99.8		
"		G-2	"	50'-1"	2	1	2	100.2		
"		G-3	"	50'-3 1/2"	2	1	2	100.6		
"		G-4	"	50'-5 3/4"	2	1	2	101.0		
804		Span #5 G-1	"	49'-8 1/2"	2	1	2	99.4		
"		G-2	"	50.0	2	1	2	100.0		
"		G-3	"	50'-3 1/2"	2	1	2	100.6		
"		G-4	"	50'-7 1/4"	2	1	2	101.2		
"		G-5	"	50'-11 1/4"	2	1	2	101.9		
801		Span #1 G-1	"	22'-0"	4	1	4	88.0		
801a		Span #1 G-1	"	20'-10"	4	1	4	83.3		
802		Span #1 G-1	"	49'-9 3/4"	1	1	1	49.8		
"		G-2	"	50'-0 3/4"	1	1	1	50.1		
"		G-3	"	50'-3 1/2"	1	1	1	50.3		
"		G-4	"	50'-6 1/4"	1	1	1	50.5		
818		Span #1 G-5	"	62'-8"	2	1	2	125.3		

MK	DESCRIPTION	Location	Size	Length	No. of Bars in Ea. Unit	No. of Units	Total No. of Bars	Total Length	Wt. Per Ft.	Total Weight
802a		Span #1 G-1	1" $\square$	49'-5 3/4"	1	1	1	49.5		
"		G-2	"	49'-8 3/4"	1	1	1	49.8		
"		G-3	"	49'-11 1/2"	1	1	1	50.0		
"		G-4	"	50'-2 1/4"	1	1	1	50.2		
803		Girder	"	10'-8 1/2"	2	5	10	107.1		
803a		Girder	"	10'-5"	2	5	10	104.2		
805		Span #1 G-1	"	28'-6 1/2"	2	1	2	57.1		
"		G-2	"	28'-9"	2	1	2	57.5		
"		G-3	"	28'-11 1/2"	2	1	2	57.9		
"		G-4	"	29'-1 3/4"	2	1	2	58.1		
"		G-5	"	29'-4 1/2"	2	1	2	58.8		
805a		Span #5 G-1	"	28'-4 1/2"	2	1	2	56.8		
"		G-2	"	28'-8"	2	1	2	57.3		
"		G-3	"	28'-11 1/2"	2	1	2	57.9		
"		G-4	"	29'-3 1/4"	2	1	2	58.5		
"		G-5	"	29'-7 1/4"	2	1	2	59.2		
806		Span #1 G-1	"	38'-3 1/2"	2	2	4	153.8		
"		G-2	"	38'-7 1/2"	2	2	4	154.5		
"		G-3	"	38'-11"	2	2	4	155.7		
"		G-4	"	39'-2 1/2"	2	2	4	156.8		
"		G-5	"	39'-5 1/2"	2	2	4	157.8		
810		Bent #2	"	14'-0"	10	2	20	280.0		
811		Bent #4	"	13'-4"	10	4	40	533.2		
819		G-5	"	24'-4"	2	1	2	48.7		

MK	DESCRIPTION	Location	Size	Length	No. of Bars in Ea. Unit	No. of Units	Total No. of Bars	Total Length	Wt. Per Ft.	Total Weight
807		Span #1 G-1	1" $\square$	40'-5"	2	2	4	161.7		
"		G-2	"	40'-8"	2	2	4	162.7		
"		G-3	"	40'-11"	2	2	4	163.7		
"		G-4	"	41'-2"	2	2	4	164.7		
"		G-5	"	41'-6"	2	2	4	166.0		
808		Span #1 G-1	"	40'-5"	2	2	4	161.7		
"		G-2	"	40'-8"	2	2	4	162.7		
"		G-3	"	40'-11"	2	2	4	163.7		
"		G-4	"	41'-2"	2	2	4	164.7		
"		G-5	"	41'-5"	2	2	4	165.7		
809		Span #2 G-1	"	50'-5"	2	1	2	100.8		
"		G-2	"	50'-7 3/4"	2	1	2	101.3		
"		G-3	"	50'-10 1/2"	2	1	2	101.8		
"		G-4	"	51'-1 1/4"	2	1	2	104.1		
"		G-5	"	51'-4"	2	1	2	102.7		
820		G-5	"	52'-1 1/2"	2	1	2	104.3		
821		G-5	"	50'-5 1/2"	2	1	2	100.9		
824		Span #5 G-5	"	22'-3"	5	1	5	111.3		
824a		Span #5 G-5	"	21'-3"	5	1	5	106.3		

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All stirrup dimensions are to inside of stirrups; all other dimensions are figured to center line of bars.

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

WAIAWA CUTOFF BRIDGE

Sta. 28+18.70 - Sta. 30+13.87

WAIAWA CUTOFF Mar 1949 F-47(3)

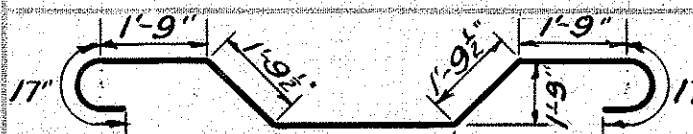
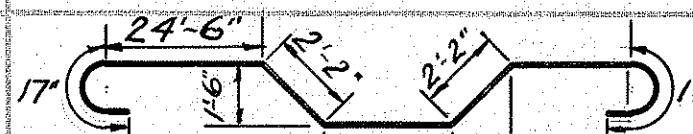
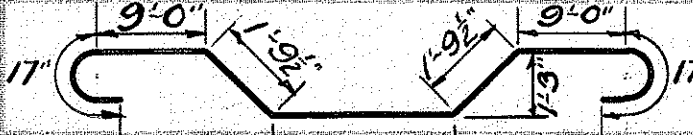
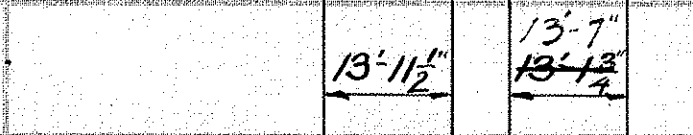
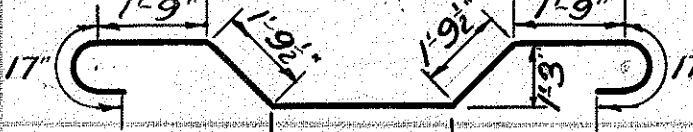
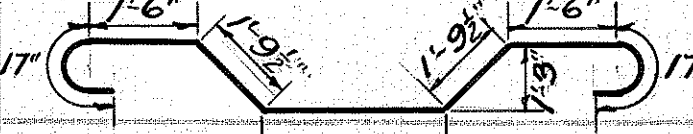
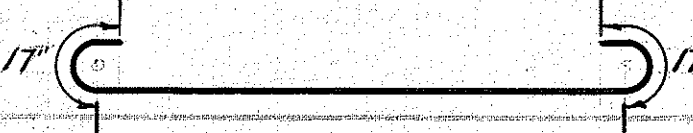
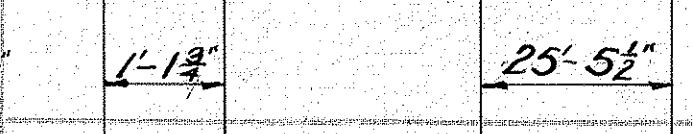
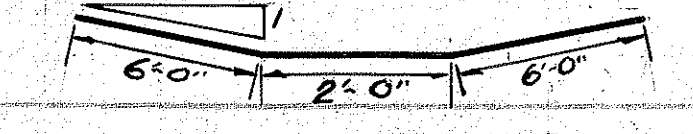
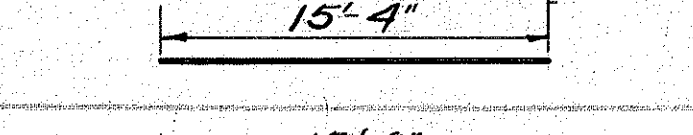
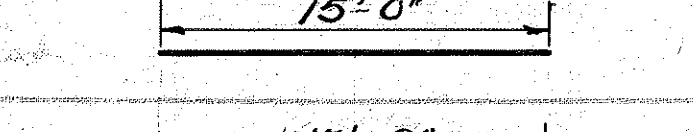
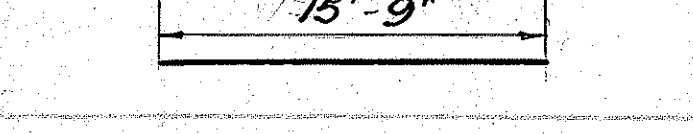
SHEET No. 1 OF 5 SHEETS

DESIGNED BY: DATE: 3/49
DRAWN BY: T. Umehara
CHECKED BY: [Signature]
NOTED BY: [Signature]
NO. [Blank]

50' length

STEEL SCHEDULE

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
Hawaii	HAW.	F47(3)	1960	2	5

MK	DESCRIPTION	Location	Size	Length	No. of Bars in Ea. Unit	No. of Units	Total No. of Bars	Total Length	Wt. Per Ft.	Total Weight	MK	DESCRIPTION	Location	Size	Length	No. of Bars in Ea. Unit	No. of Units	Total No. of Bars	Total Length	Wt. Per Ft.	Total Weight	MK	DESCRIPTION	Location	Size	Length	No. of Bars in Ea. Unit	No. of Units	Total No. of Bars	Total Length	Wt. Per Ft.	Total Weight
809		Span #54 G-1	1"0	47'-5"	2	1	2	94.8			814		Span #3 G-1	1"0	28'-11 1/2"	2	1	2	57.9			822		Span #5 G-1	1"0	59'-6 1/2"	1	1	1	59.6		
"	23'-3 1/4"	G-2	"	47'-8 1/4"	2	1	2	95.4			"	19'-3 1/2"	G-2	"	29'-2 1/2"	2	1	2	58.4			"	14'-3"	G-2	"	59'-10"	1	1	1	59.8		
"	23'-6 1/2"	G-3	"	47'-11 1/2"	2	1	2	95.9			"	19'-6 1/2"	G-3	"	29'-5 1/2"	2	1	2	58.9			"	14'-6 1/2"	G-3	"	60'-2 1/2"	1	1	1	59.8		
"	23'-9 3/4"	G-4	"	48'-2 3/4"	2	1	2	96.5			"	19'-9 1/2"	G-4	"	29'-8 1/2"	2	1	2	59.4			"	14'-10 1/4"	G-4	"	60'-7 1/2"	1	1	1	60.6		
"	24'-1 1/2"	G-5	"	48'-6 1/2"	2	1	2	97.1			"	20'-0 3/4"	G-5	"	29'-11 3/4"	2	1	2	60.0			"	15'-2 1/4"	G-5	"	60'-11 1/2"	1	1	1	60.2		
812		Span #2 G-1	"	36'-6"	2	1	2	73.0			815		Span #3 G-1	"	47'-5 1/2"	2	1	2	94.9			822a		G-1	"	59'-2 1/2"	1	1	1	58.8		
"	26'-9 3/4"	G-2	"	36'-8 3/4"	2	1	2	73.5			"	23'-3 1/2"	G-2	"	47'-8 1/2"	2	1	2	95.4			"	14'-3"	G-2	"	59'-6 1/2"	1	1	1	59.5		
"	27'-0 1/2"	G-3	"	36'-11 1/2"	2	1	2	73.9			"	23'-6 1/2"	G-3	"	47'-11 1/2"	2	1	2	95.9			"	14'-6 1/2"	G-3	"	59'-10 1/2"	1	1	1	59.8		
"	27'-3 1/4"	G-4	"	37'-2 1/4"	2	1	2	74.4			"	23'-9 1/2"	G-4	"	48'-2 1/4"	2	1	2	96.4			"	14'-10 1/4"	G-4	"	60'-3 1/2"	1	1	1	60.3		
"	27'-6"	G-5	"	37'-5"	2	1	2	74.8			"	24'-0 3/4"	G-5	"	48'-5 3/4"	2	1	2	97.0			"	15'-2 1/4"	G-5	"	60'-7 1/2"	1	1	1	60.3		
812a	26'-6"	Span #4 G-1	"	36'-5"	2	1	2	72.8			816		Span #3 G-1	"	36'-5 1/2"	2	1	2	72.9			823		Span #5 G-1	"	49'-8 1/4"	1	1	1	49.7		
"	26'-9 1/4"	G-2	"	36'-8 1/4"	2	1	2	73.4			"	26'-9 1/2"	G-2	"	36'-8 1/2"	2	1	2	73.4			"	1'-6 1/2"	G-2	"	50'-0 1/2"	1	1	1	50.0		
"	27'-0 1/2"	G-3	"	36'-11 1/2"	2	1	2	73.9			"	27'-0 1/2"	G-3	"	36'-11 1/2"	2	1	2	73.9			"	1'-7 1/4"	G-3	"	50'-4 1/2"	1	1	1	50.4		
"	27'-3 3/4"	G-4	"	37'-2 3/4"	2	1	2	74.5			"	27'-3 1/2"	G-4	"	37'-2 1/2"	2	1	2	74.4			"	1'-7 3/4"	G-4	"	50'-9"	1	1	1	50.8		
"	27'-7 1/2"	G-5	"	37'-6 1/2"	2	1	2	75.1			"	27'-6 3/4"	G-5	"	37'-5 3/4"	2	1	2	75.0			"	1'-8 1/2"	G-5	"	51'-1 1/4"	1	1	1	51.2		
813		Span #2 G-1	"	28'-6"	2	1	2	57.0			817		Span #3 G-1	"	40'-4 1/2"	2	1	2	80.8			823a		G-1	"	49'-4"	1	1	1	49.4		
"	19'-3 3/4"	G-2	"	28'-8 3/4"	2	1	2	57.5			"	37'-9 1/2"	G-2	"	40'-7 1/2"	2	1	2	81.3			"	1'-2 1/2"	G-2	"	49'-8 1/2"	1	1	1	49.7		
"	19'-6 1/2"	G-3	"	28'-11 1/2"	2	1	2	57.9			"	38'-0 1/2"	G-3	"	40'-10 1/2"	2	1	2	81.8			"	1'-3 1/4"	G-3	"	50'-0 3/4"	1	1	1	50.1		
"	19'-9 1/4"	G-4	"	29'-2 1/4"	2	1	2	58.4			"	38'-3 1/2"	G-4	"	41'-1 1/2"	2	1	2	82.3			"	1'-3 3/4"	G-4	"	50'-5 1/4"	1	1	1	50.4		
"	20'-0"	G-5	"	29'-5"	2	1	2	58.8			"	38'-6 3/4"	G-5	"	41'-4 3/4"	2	1	2	82.8			"	1'-4 1/2"	G-5	"	50'-9 3/4"	1	1	1	50.8		
813a	19'-0"	Span #4 G-1	"	28'-5"	2	1	2	56.8			419		Girder	1/2"	14'-0"	10	2	20	280.0			408		Tie Bars	"	15'-4"	2	10	20	306.6		
"	19'-3 1/4"	G-2	"	28'-8 1/4"	2	1	2	57.4			409		Tie Bars	"	15'-0"	10	3	30	450.0			400		Long Box Top	"	15'-9"	18	3	54	850.5		
"	19'-6 1/2"	G-3	"	28'-11 1/2"	2	1	2	57.9																								
"	19'-9 3/4"	G-4	"	29'-2 3/4"	2	1	2	58.5																								
"	20'-1 1/2"	G-5	"	29'-6 1/2"	2	1	2	59.1																								

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TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

WAIAWA CUTOFF BRIDGE
Sta. 28 + 18.70 - Sta. 30 + 13.87

WAIAWA CUTOFF F47(3)
Mar. 1949

SHEET No. 2 OF 5 SHEETS

DESIGNED BY: J. W. WILSON
DATE: 3/49
DRAWN BY: J. W. WILSON
QUANTITIES BY: J. W. WILSON
CHECKED BY: J. W. WILSON
NOTE BOOK
No.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
Hawaii	Haw.	F47(3)	1950	3	5

SHEET No. 3 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEET:
Hawaii	HAWAII	F47(3)	1950	4	5

SHEET No. 4 OF 5 SHEETS

STEEL SCHEDULE

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HAWAII	HAW.	F-47(3)	1950	5	5

Corrections Noted 5-10-50

MK	DESCRIPTION	Location	Size	Length	No. of Bars in Ea. Unit	No. of Units	Total No. of Bars	Total Length	Wt. Per Ft.	Total Weight
			3/4"					841.1	1.50	1262
			5/8"					617.8	1.04	643
			1/2"					4178.3	0.67	2800
			3/8"					1932.2	0.38	735
	TOTAL RAILING AND END POST									5440*
825		Piers-Pile Cap Bent #1	1"□	52'-7 3/4"	8	1	8	421.2		
"		Bent #2	"	54'-9 3/4"	8	1	8	438.5		
"		Bent #3	"	55'-0 3/4"	8	1	8	440.5		
"		Bent #4	"	56'-4 3/4"	8	1	8	451.2		
"		Bent #5	"	57'-10 1/4"	8	1	8	462.8		
"		Bent #6	"	59'-5 1/4"	8	1	8	475.5		
410			1/2"	10'-5"	39	6	234	2438.3		
411		Pier Cap Creep Block	"	5'-7 1/2"	4	20	80	450.4		
412		"	"	3'-2"	3	10	30	95.1		
			1"□					2683.7	3.40	9145
			1/2"					2983.8	0.67	2000
	TOTAL PIERS									11145*
GRAND TOTAL									111689*	111589*

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TERRITORY OF HAWAII

WAIAWA CUTOFF BRIDGE
Sta. 28+18.70 - Sta. 30+13.87

WAIAWA CUTOFF
Mar. 1949

F-47(3)

SHEET No. 5 OF 5 SHEETS