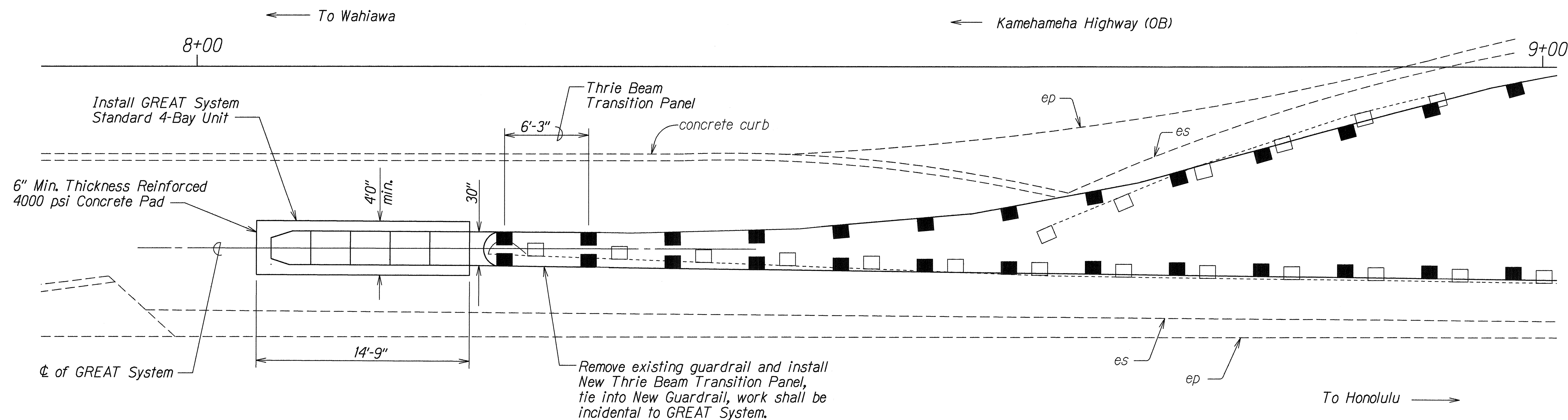


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-099-1(13)	1995	9	58



Note: All work associated with the GREAT System shall be incidental to the GREAT System. This work shall be approved and as directed by the Engineer.

G.R.E.A.T. SYSTEM DETAIL
KAMEHAMEHA HIGHWAY @ STA. 8+40±

Scale: $\frac{1}{4}'' = 1'-0''$

ORIGINAL PLAN	SURVEY PLOTTED BY _____	DATE _____
	DRAWN BY <i>K. Iam-Hatra</i>	<i>12-12-84</i>
	TRACED BY _____	_____
NOTE BOOK <i>dd24t</i>	DESIGNED BY <i>R. Hironaka/K. Tatsuuchi</i>	_____
<i>skamdsmdgm</i>	QUANTITIES BY _____	_____
	CHECKED BY _____	_____

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

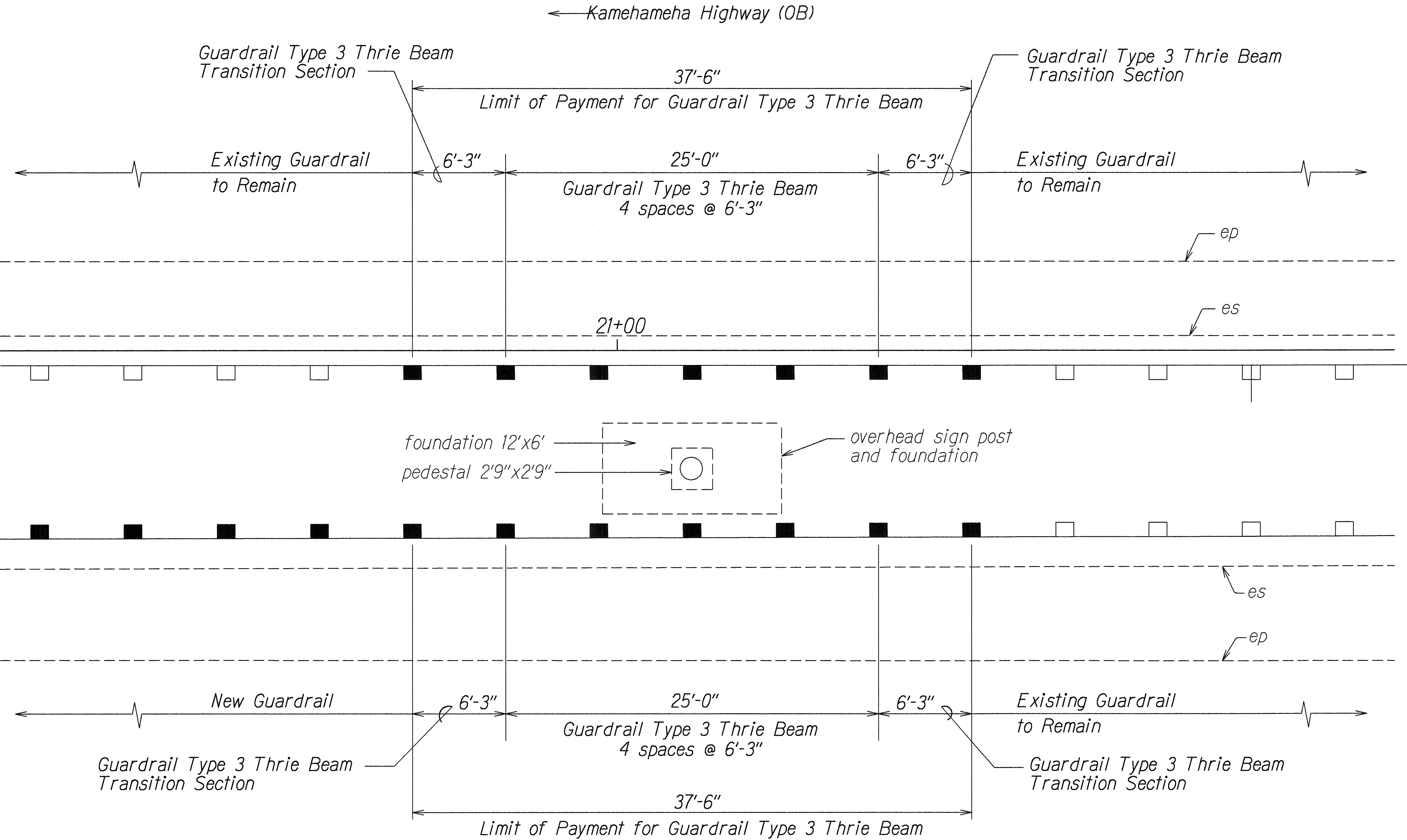
DETAILS

KAMEHAMEHA HIGHWAY RESURFACING
Lumiaina Street to Farrington Highway
Federal Aid Project No. STP-099-1(13)

Scale: $\frac{1}{4}"=1'-0"$ Date: July, 1994

SHEET No. 1 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-099-1(13)	1995	11	58



Note: All work associated with Guardrail Type 3 Thrie Beam shall be incidental to Guardrail, Type 3-Thrie Beam with Steel Posts. This work shall be approved and as directed by the Engineer.

GUARDRAIL TYPE 3 THRIE BEAM DETAIL
KAMEHAMEHA HIGHWAY MEDIAN @ STA. 21+05±
 Scale: 1/4" = 1'-0"

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY K. Tanaka	11/2/94
dd24	CHECKED BY B. Hironaka/K. Tanaka	
8/2/95	QUANTITIES BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETAILS

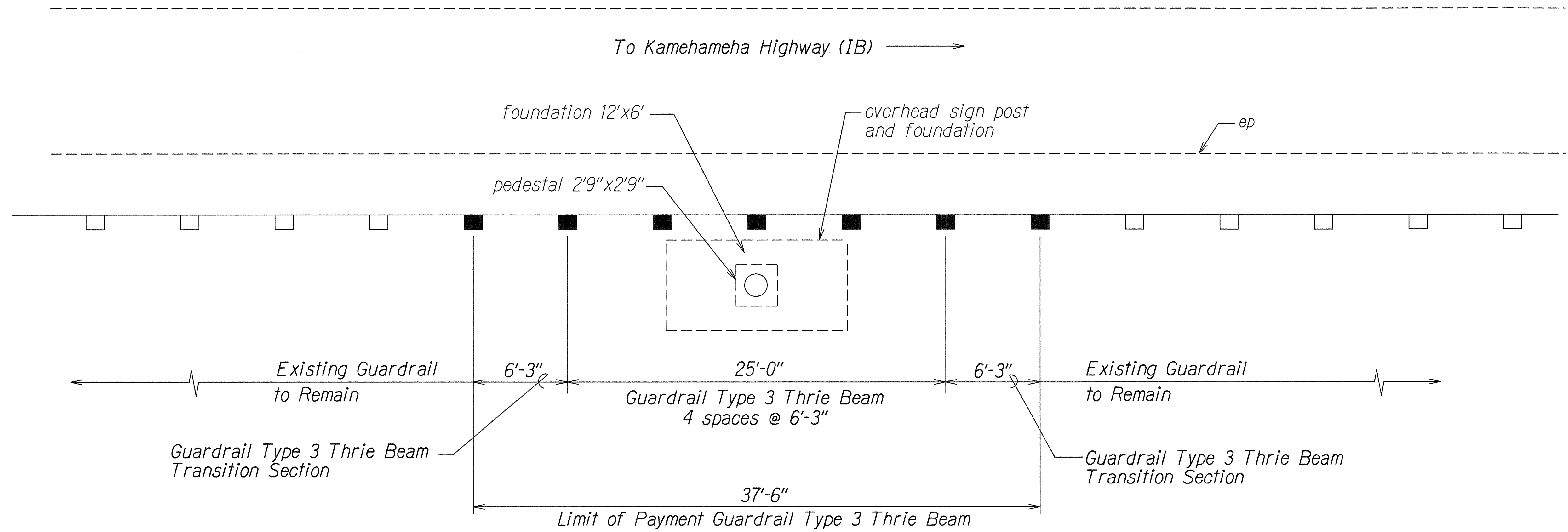
KAMEHAMEHA HIGHWAY RESURFACING
Lumaina Street to Farrington Highway
Federal Aid Project No. STP-099-1(13)

Scale: 1/4"=1'-0"

Date: Aug., 1994

SHEET No. 3 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-099-1(13)	1995	12	58



Note: All work associated with Guardrail Type 3 Thrie Beam shall be incidental to Guardrail, Type 3-Thrie Beam with Steel Post. This work shall be approved and as directed by the Engineer.

GUARDRAIL TYPE 3 THRIE BEAM DETAIL
KAMEHAMEHA HIGHWAY (IB) @ STA. 21+05± Rt.
 Scale: 1/4" = 1'-0"

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTED BY	DRAWN BY	12/12/94
DESIGNED BY	CHECKED BY	
APPROVED BY		

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

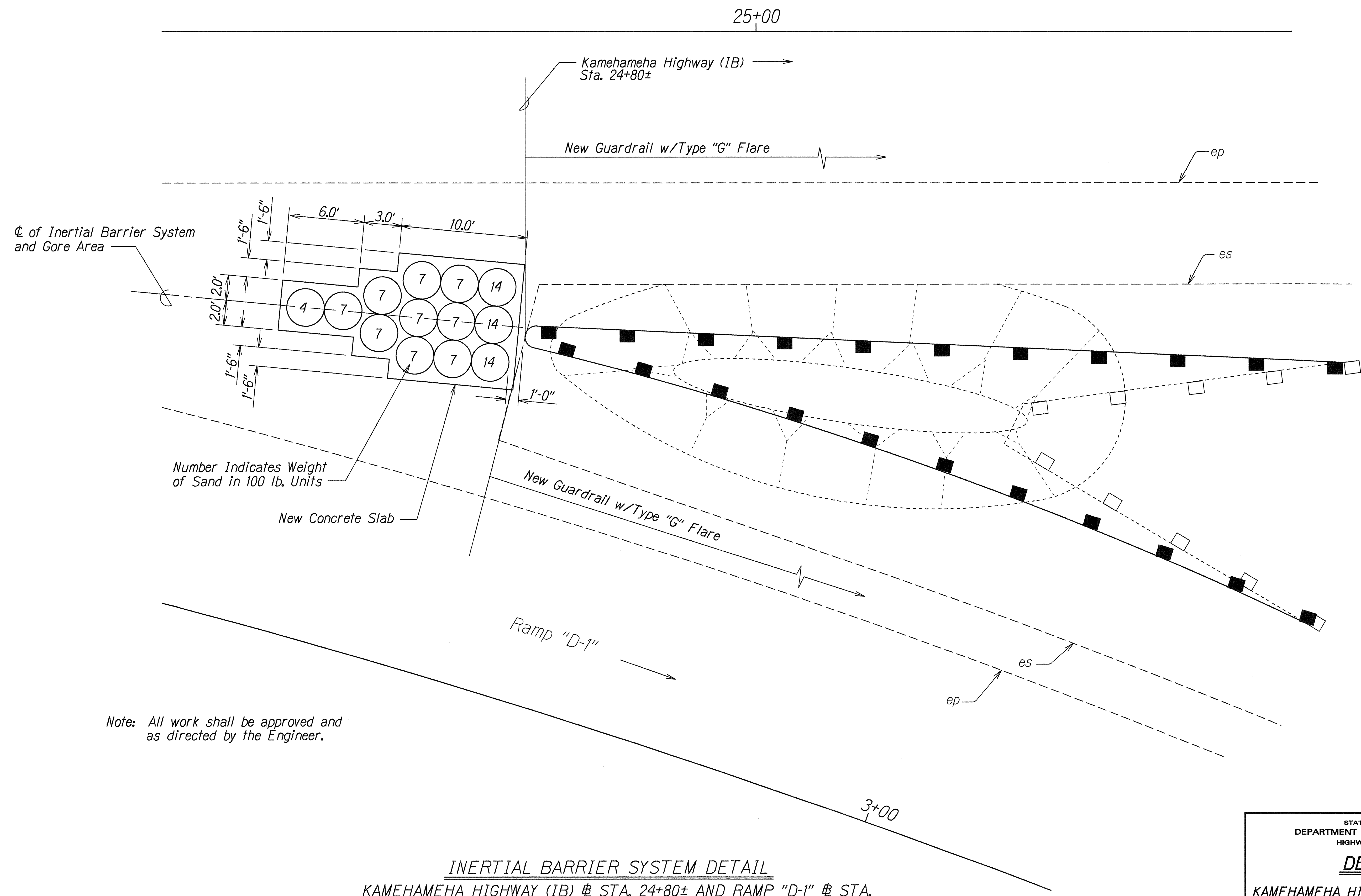
DETAILS

KAMEHAMEHA HIGHWAY RESURFACING
Lumiaina Street to Farrington Highway
Federal Aid Project No. STP-099-1(13)

Scale: 1/4"=1'-0" Date: Aug., 1994

SHEET No. 4 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-099-1(13)	1995	13	58



Note: All work shall be approved and as directed by the Engineer.

INERTIAL BARRIER SYSTEM DETAIL
 KAMEHAMEHA HIGHWAY (IB) @ STA. 24+80± AND RAMP "D-1" @ STA. 24+80±
 Scale: 1/4" = 1'-0"

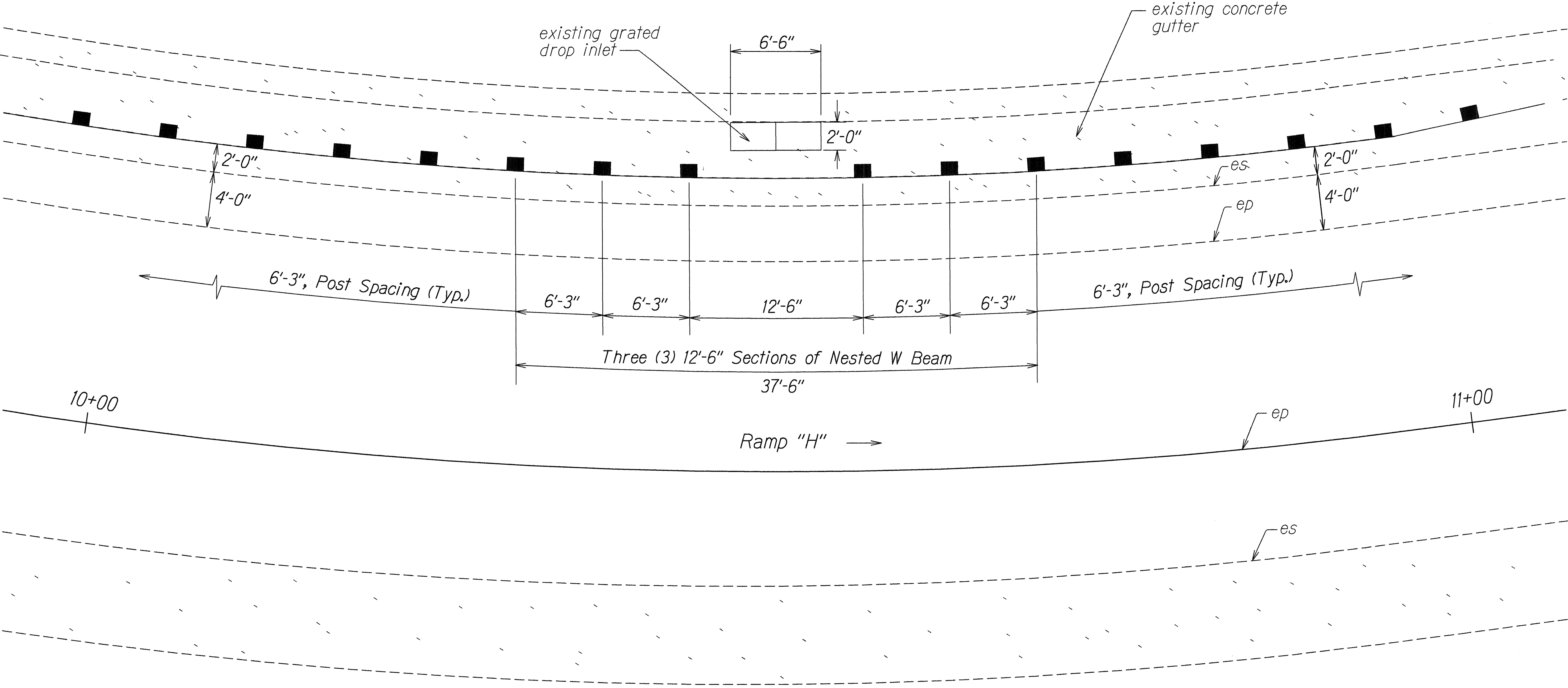
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTED	DRAWN BY A. Iwamoto	11/2/94
DESIGNED BY R. Hironaka/K. Takahashi	CHECKED BY	
ddt		
8/2/95		

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

DETAILS
 KAMEHAMEHA HIGHWAY RESURFACING
 Lumiaina Street to Farrington Highway
 Federal Aid Project No. STP-099-1(13)
 Scale: 1/4"=1'-0" Date: July, 1995

SHEET No. 5 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-099-1(13)	1995	15	58



Note: All work associated with the Nested W Beam shall be incidental to Guardrail, Type 3 - Double Nested with Steel Post. This work shall be approved and as directed by the Engineer.

DOUBLE NESTED GUARDRAIL DETAIL
RAMP "H" @ STA. 10+50±
Scale: 1/4" = 1'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETAILS

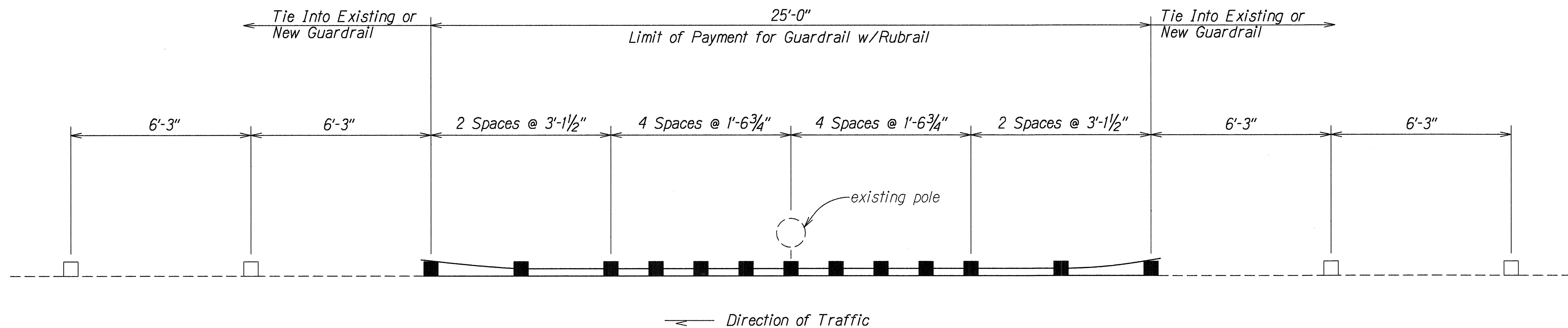
KAMEHAMEHA HIGHWAY RESURFACING
Lumiaina Street to Farrington Highway
Federal Aid Project No. STP-099-1(13)

Scale: 1/4"=1'-0" Date: Aug., 1994

SHEET No. 7 OF 8 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY K. Tanaka	11/2/94
dd24	CHECKED BY R. Hironaka/K. Tanaka	
sgm/mst/ggt	QUANTITIES BY	
	CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-099-1(13)	1995	16	58



Note: All work associated with Guardrail w/Rubrail shall be incidental to Guardrail, Type 3 - Single with Rubrail on Steel Post. This work shall be approved and as directed by the Engineer.

GUARDRAIL WITH RUBRAIL AT POLE DETAIL @

RAMP "E" @ 2+90± Rt.
RAMP "E" @ 4+70± Rt.
WAIPAHU STREET @ 9+10± Rt.
WAIPAHU STREET @ 10+60± Rt.
Scale: 1/2" = 1'-0"

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK 00244	DRAWN BY K. Tanaka	12-9-94
CHECKED BY	DESIGNED BY R. Hirata/S. Hirata	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETAILS

KAMEHAMEHA HIGHWAY
Lumiaina Street to Farrington Highway
Federal Aid Project No. STP-099-1(13)

Scale: 1/2"=1'-0" Date: Dec., 1994

SHEET No. 8 OF 8 SHEETS