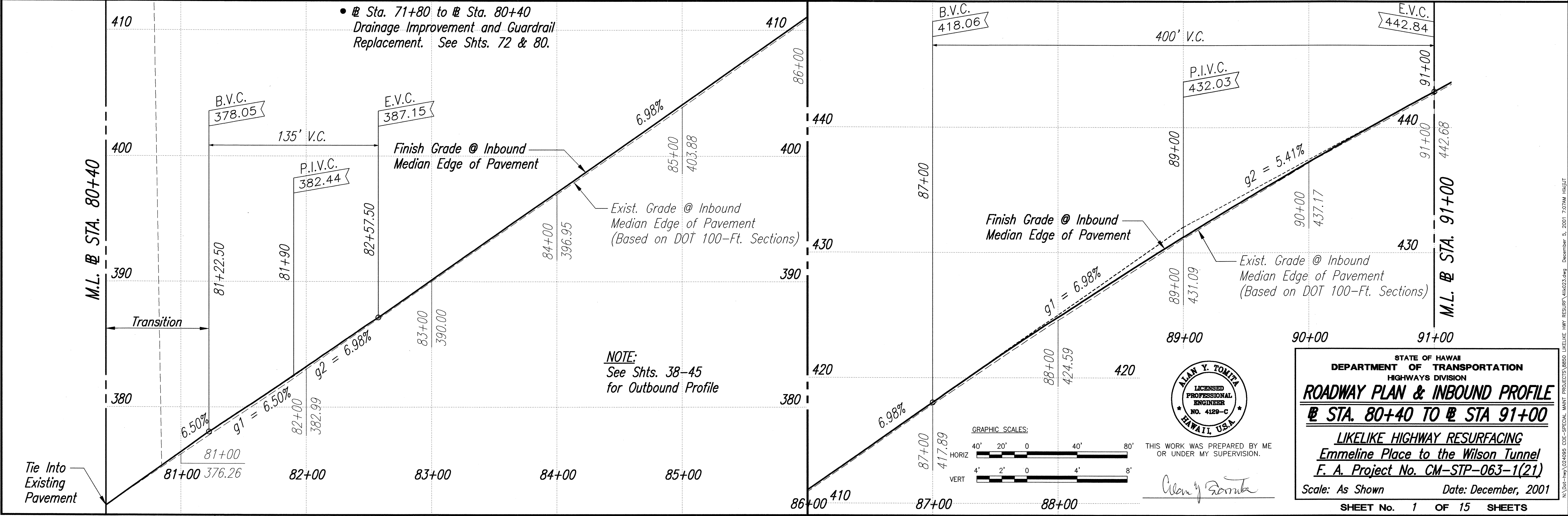
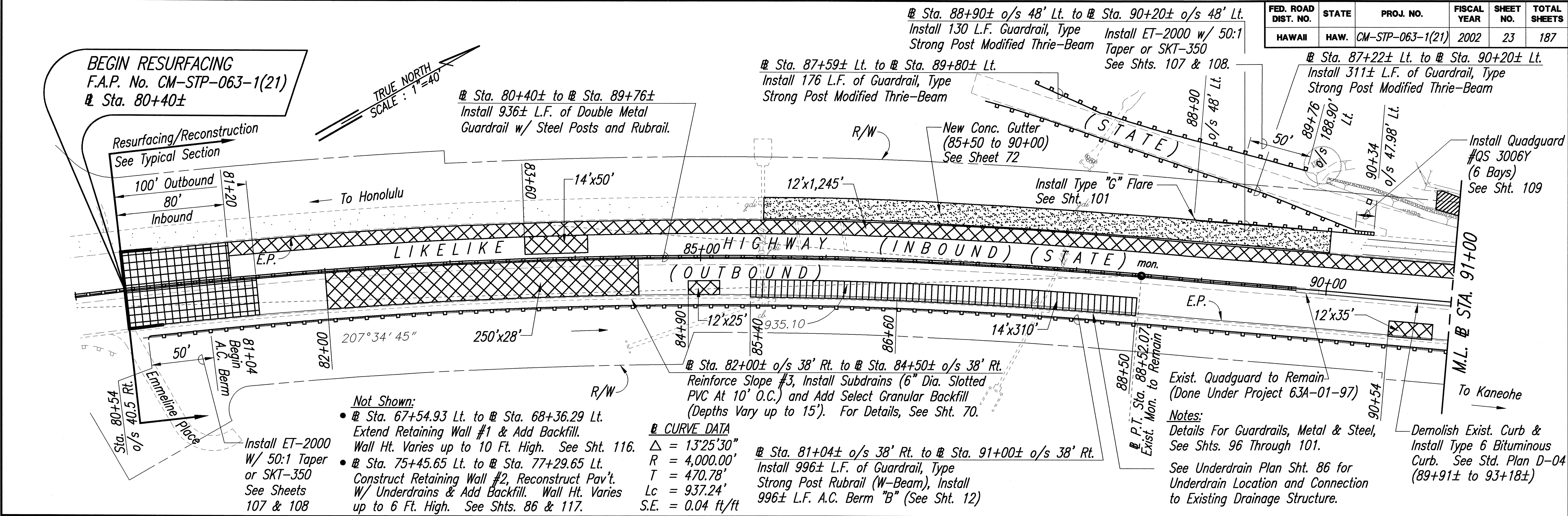
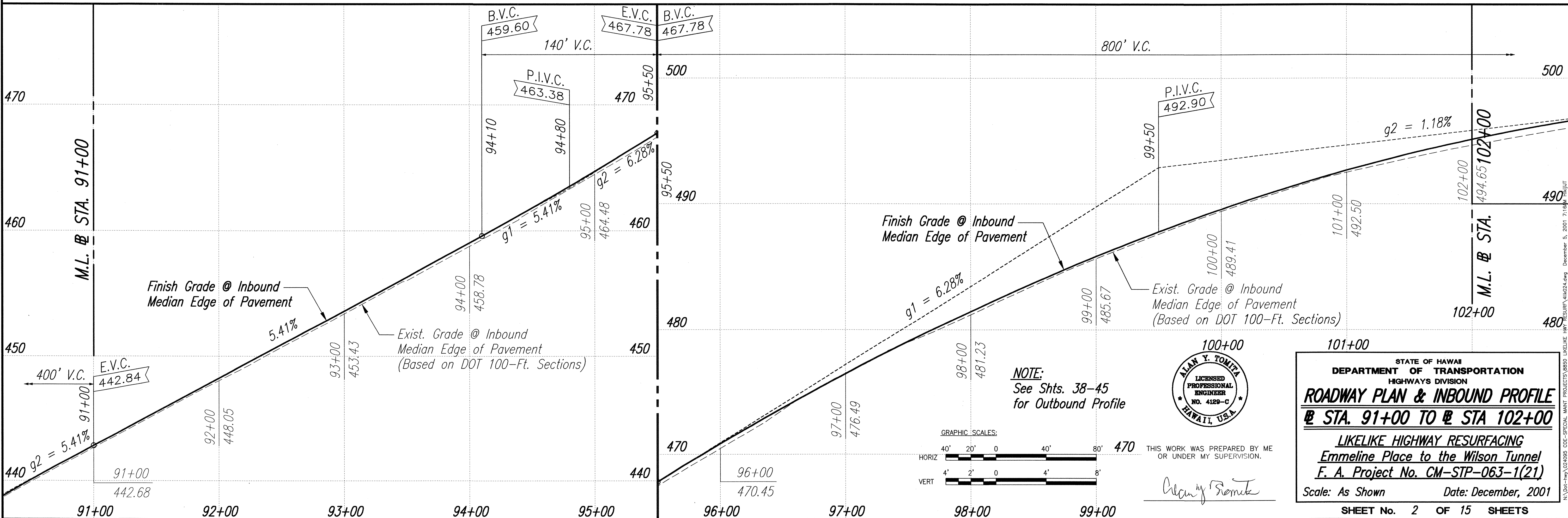
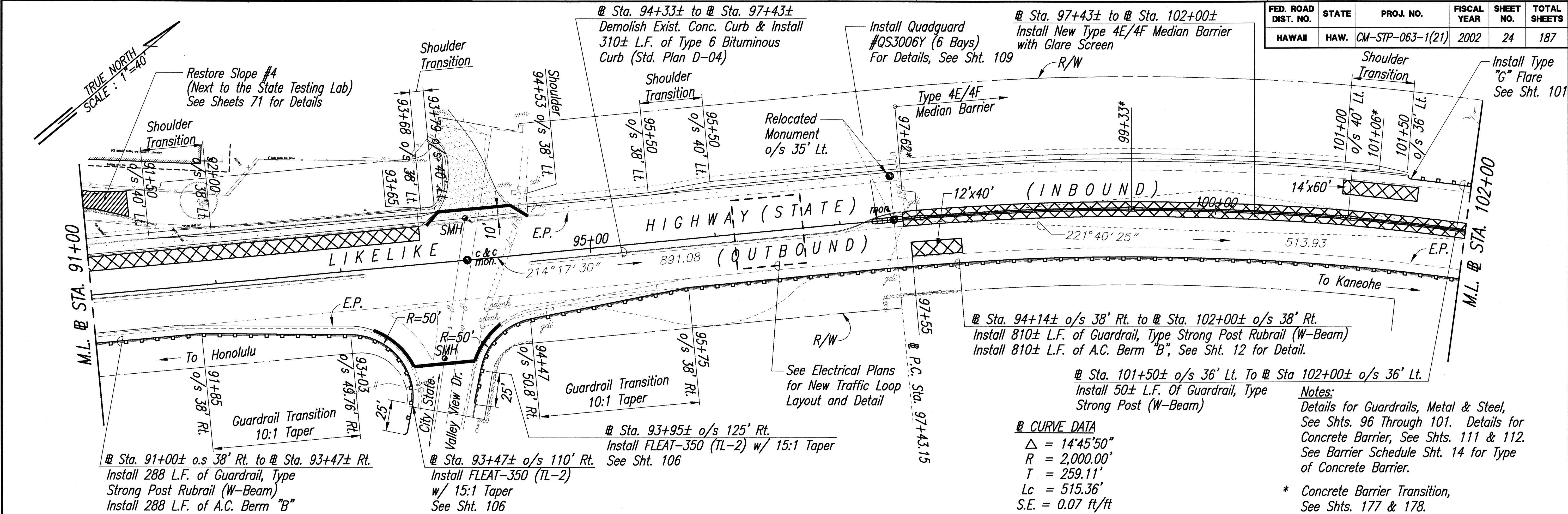


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CM-STP-063-1(21)	2002	23	187

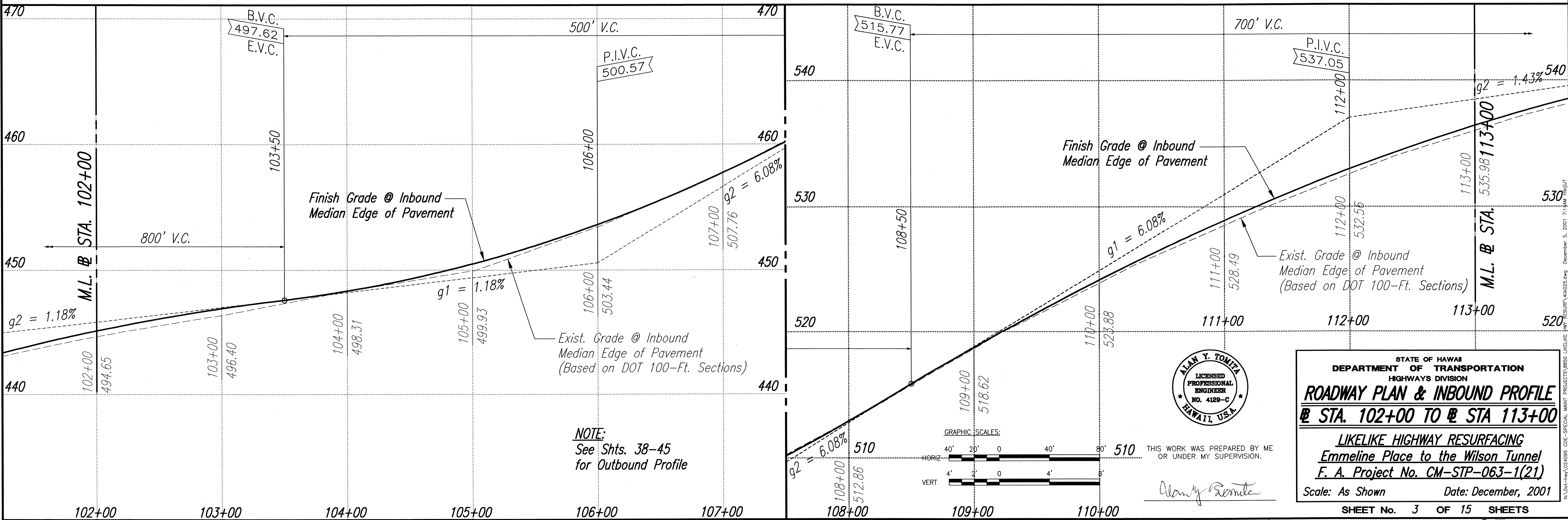
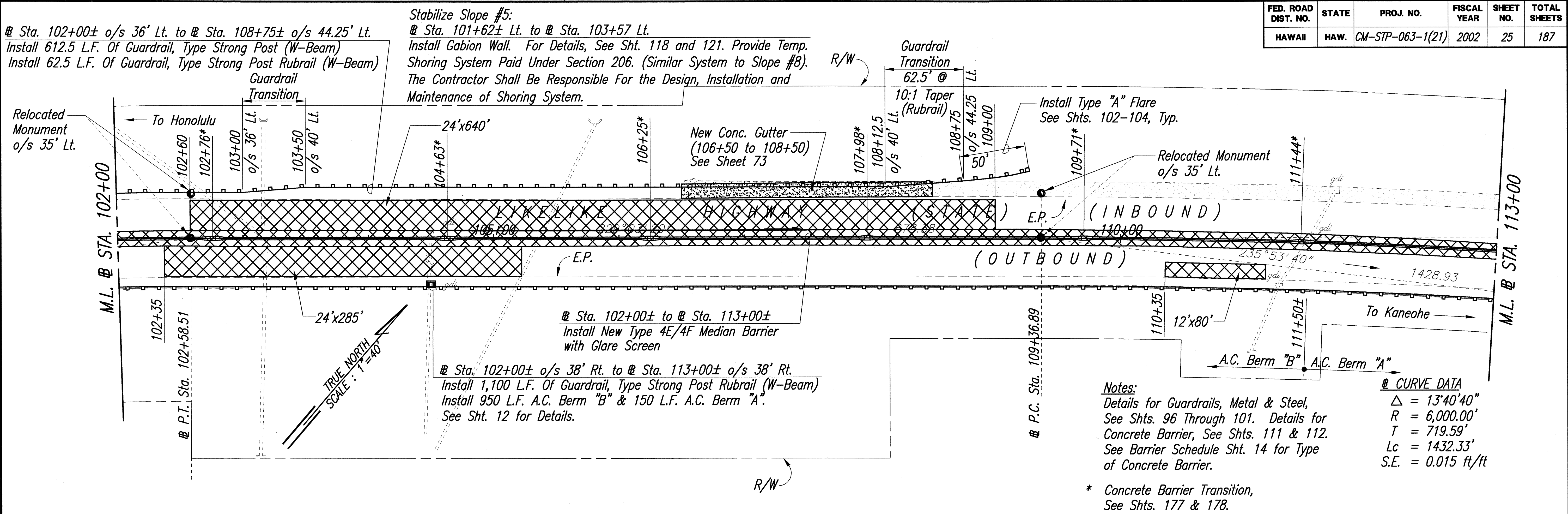


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CM-STP-063-1(21)	2002	24	187

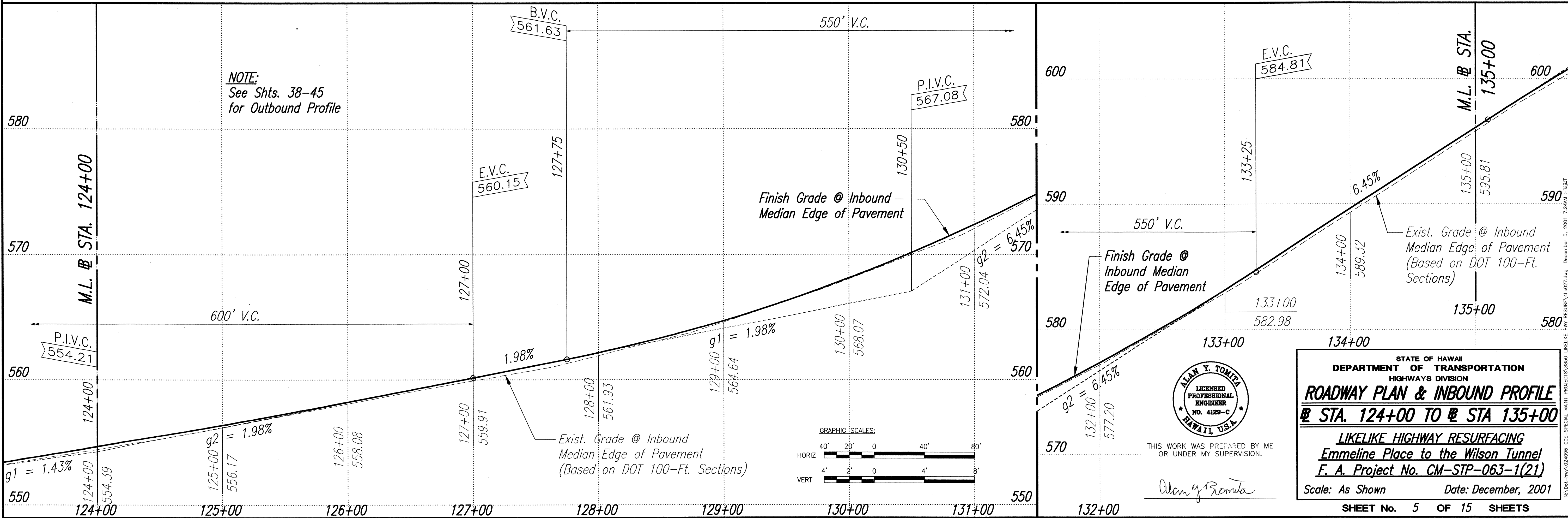
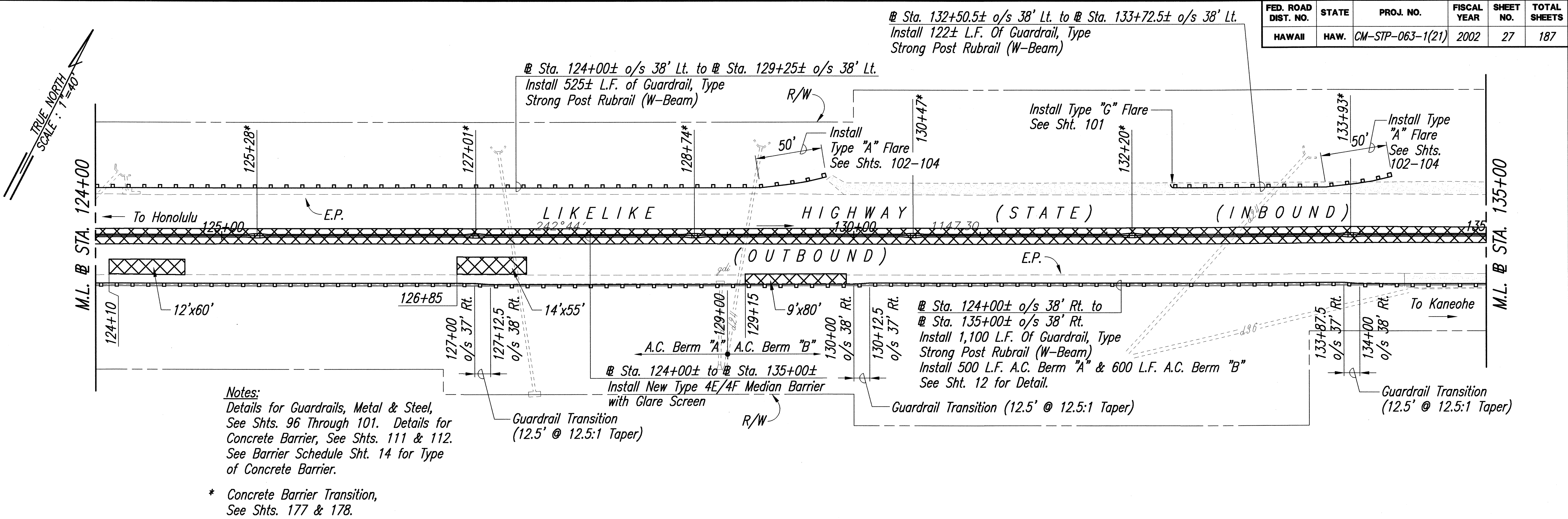


ORIGINAL PLAN	DATE
DESIGNED BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
No.	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CM-STP-063-1(21)	2002	25	187



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CM-STP-063-1(21)	2002	27	187



SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
No.	

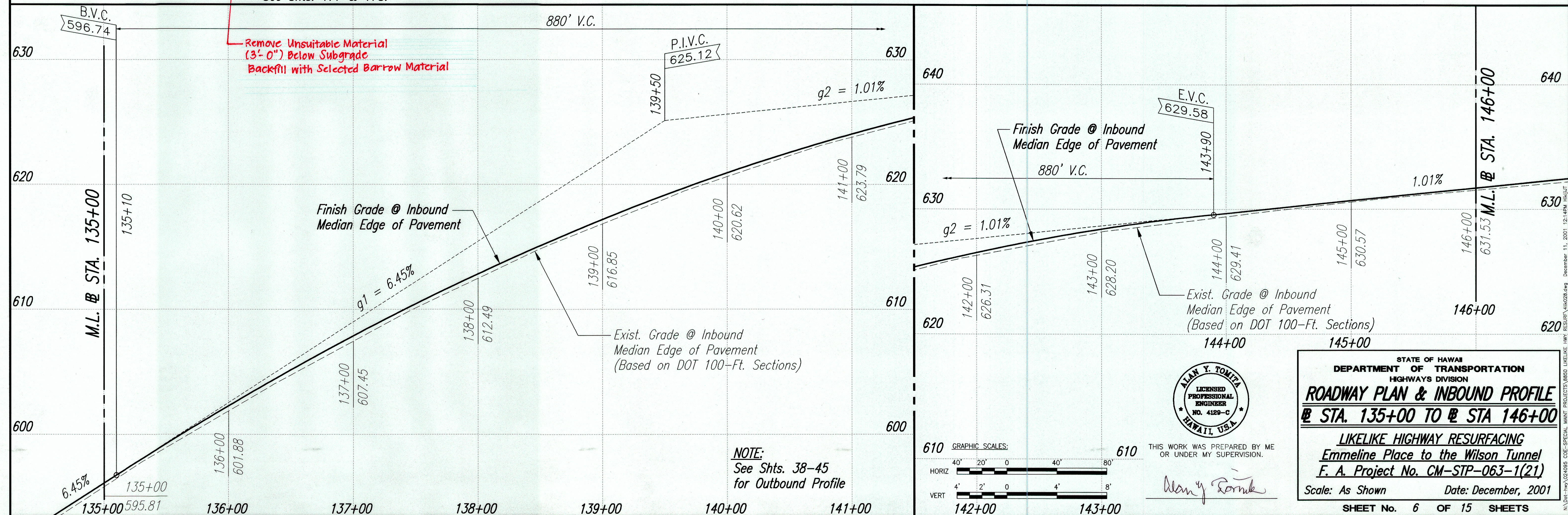
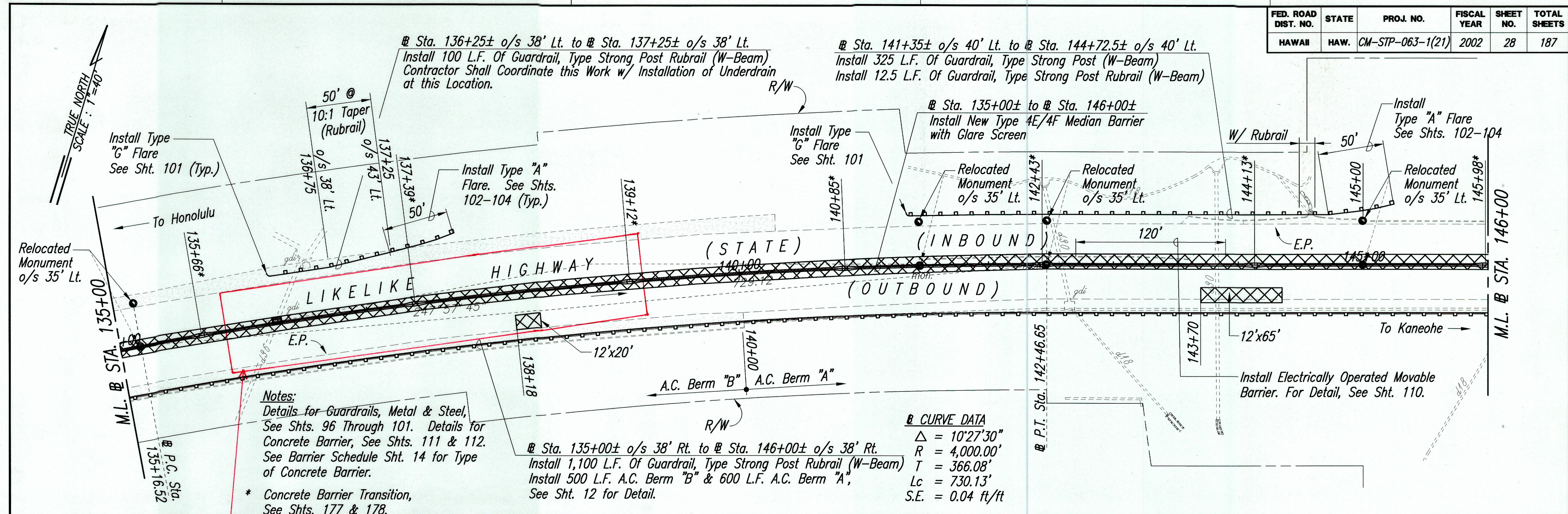


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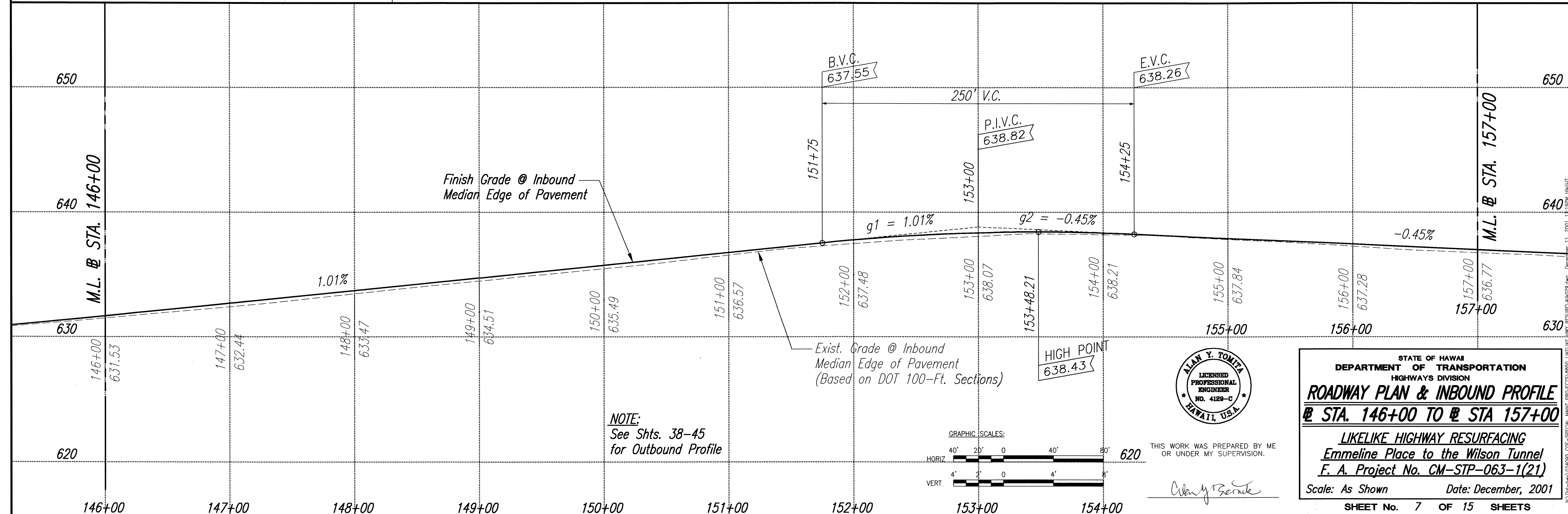
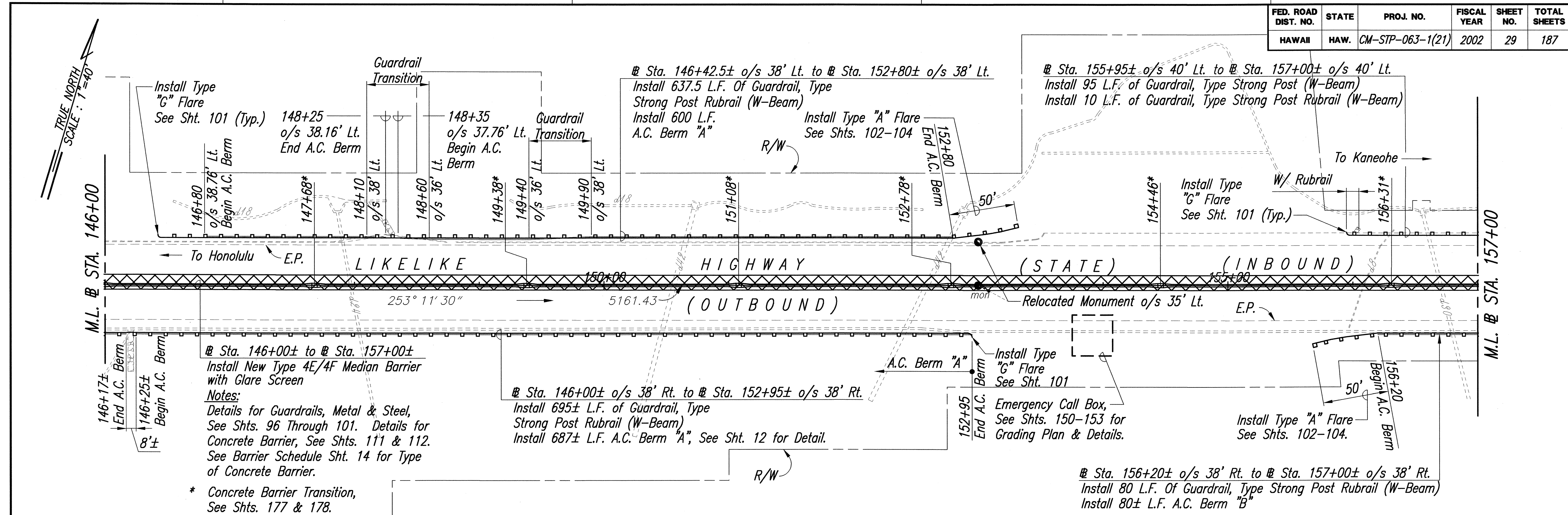
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
ROADWAY PLAN & INBOUND PROFILE
@ STA. 124+00 TO @ STA. 135+00
LIKELIKE HIGHWAY RESURFACING
Emmeline Place to the Wilson Tunnel
F. A. Project No. CM-STP-063-1(21)
 Scale: As Shown Date: December, 2001
 SHEET No. 5 OF 15 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CM-STP-063-1(21)	2002	28	187

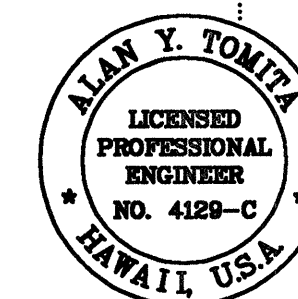


"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CM-STP-063-1(21)	2002	29	187



SURVEY PLOTTED BY	DATE
DESIGNED BY	
NOTED BY	
CHECKED BY	
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

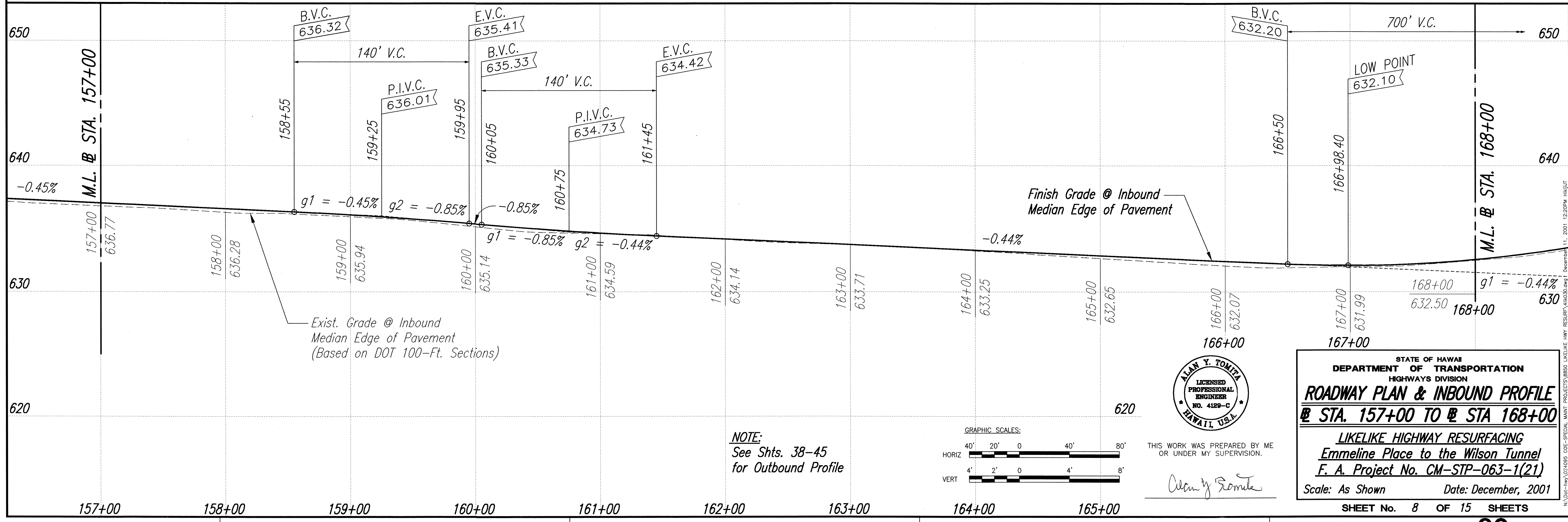
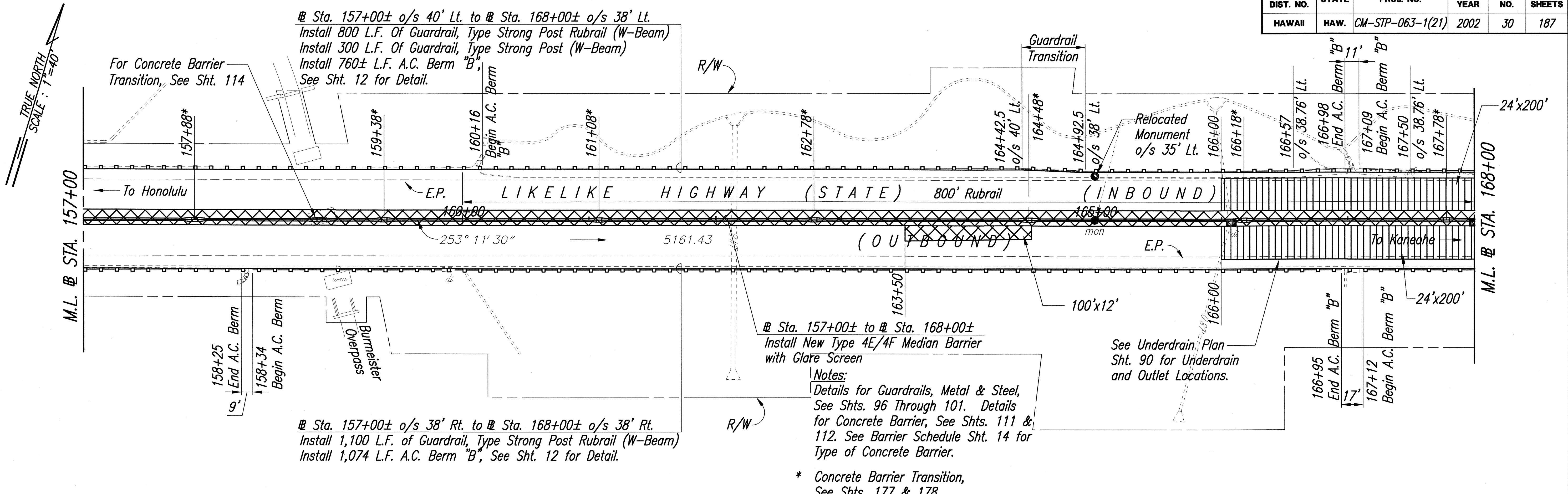
ROADWAY PLAN & INBOUND PROFILE
@ STA. 146+00 TO @ STA. 157+00

LIKELINE HIGHWAY RESURFACING
Emmeline Place to the Wilson Tunnel
F. A. Project No. CM-STP-063-1(21)

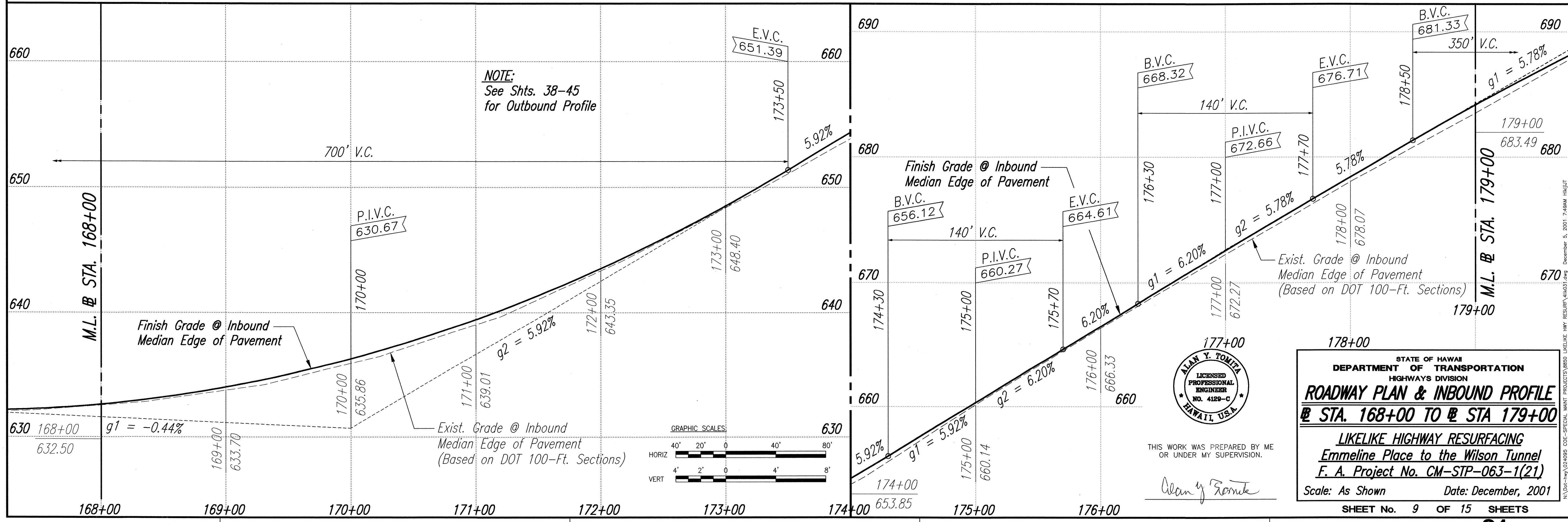
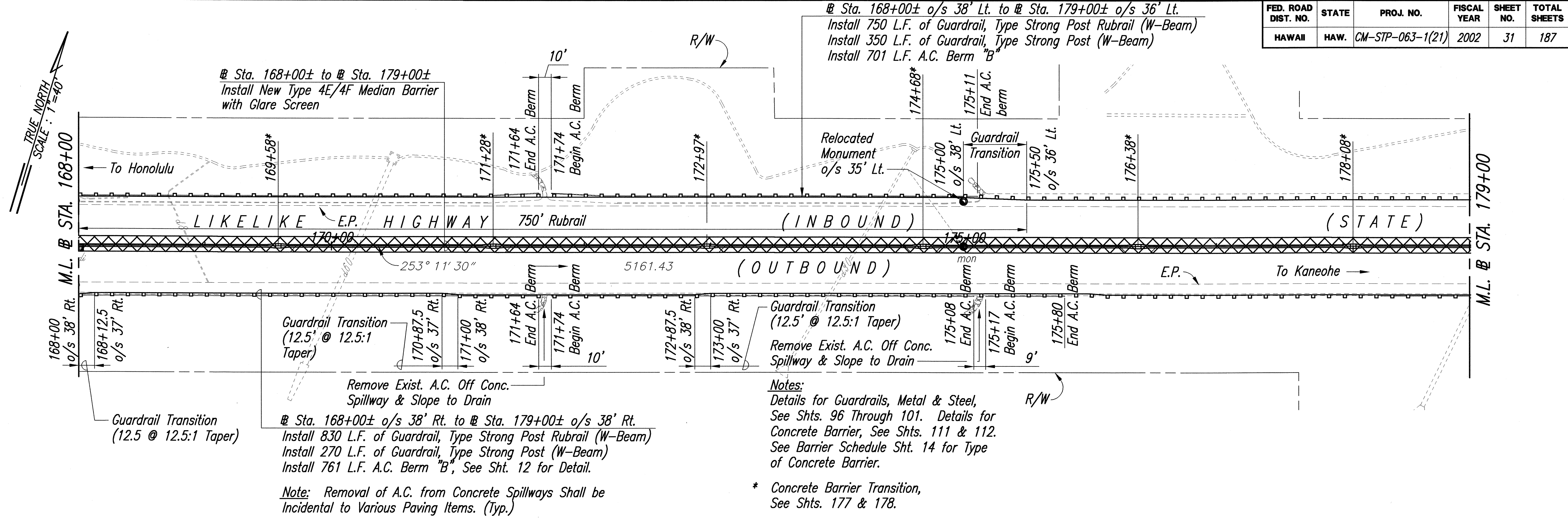
Scale: As Shown Date: December, 2001

SHEET No. 7 OF 15 SHEETS

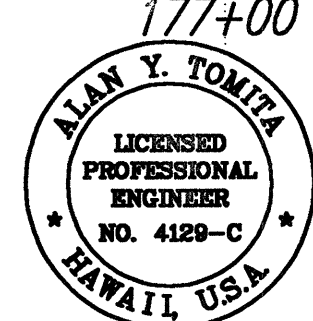
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CM-STP-063-1(21)	2002	30	187



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CM-STP-063-1(21)	2002	31	187



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NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
NO.	



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

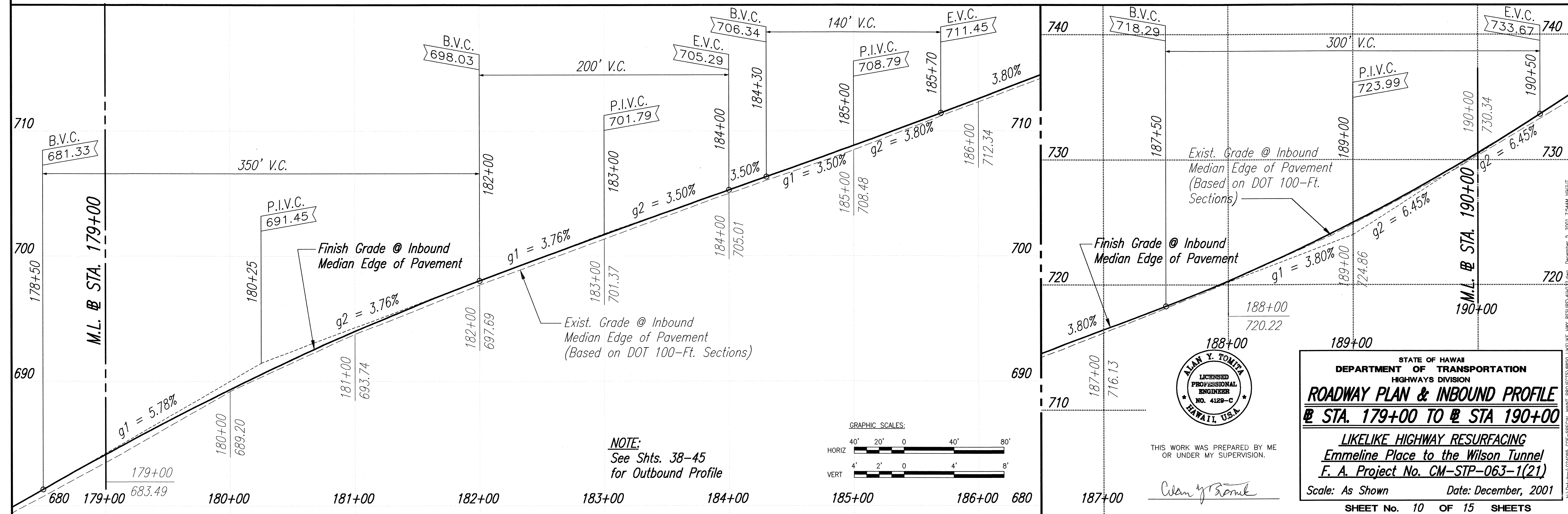
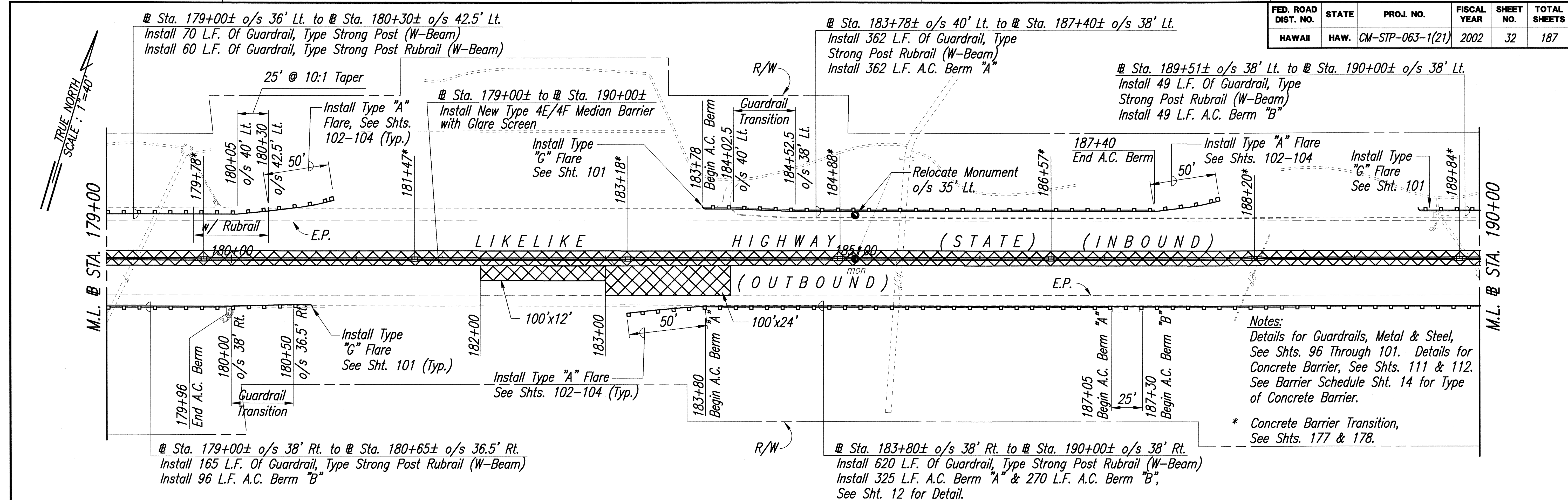
ROADWAY PLAN & INBOUND PROFILE
@ STA. 168+00 TO @ STA 179+00

LIKELINE HIGHWAY RESURFACING
Emmeline Place to the Wilson Tunnel
F. A. Project No. CM-STP-063-1(21)

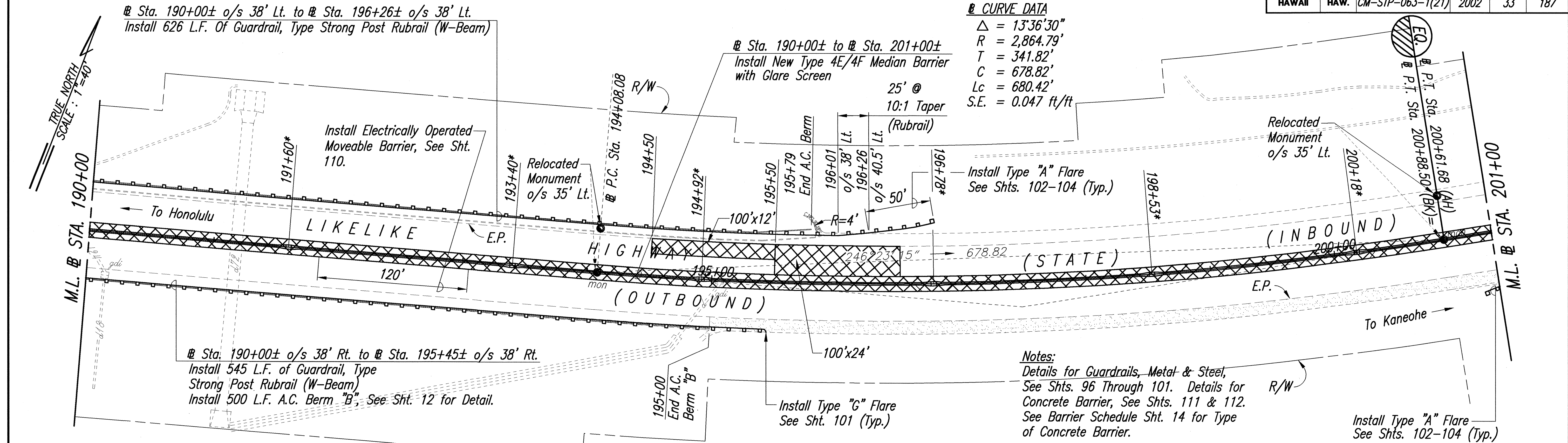
Scale: As Shown Date: December, 2001

SHEET No. 9 OF 15 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CM-STP-063-1(21)	2002	32	187



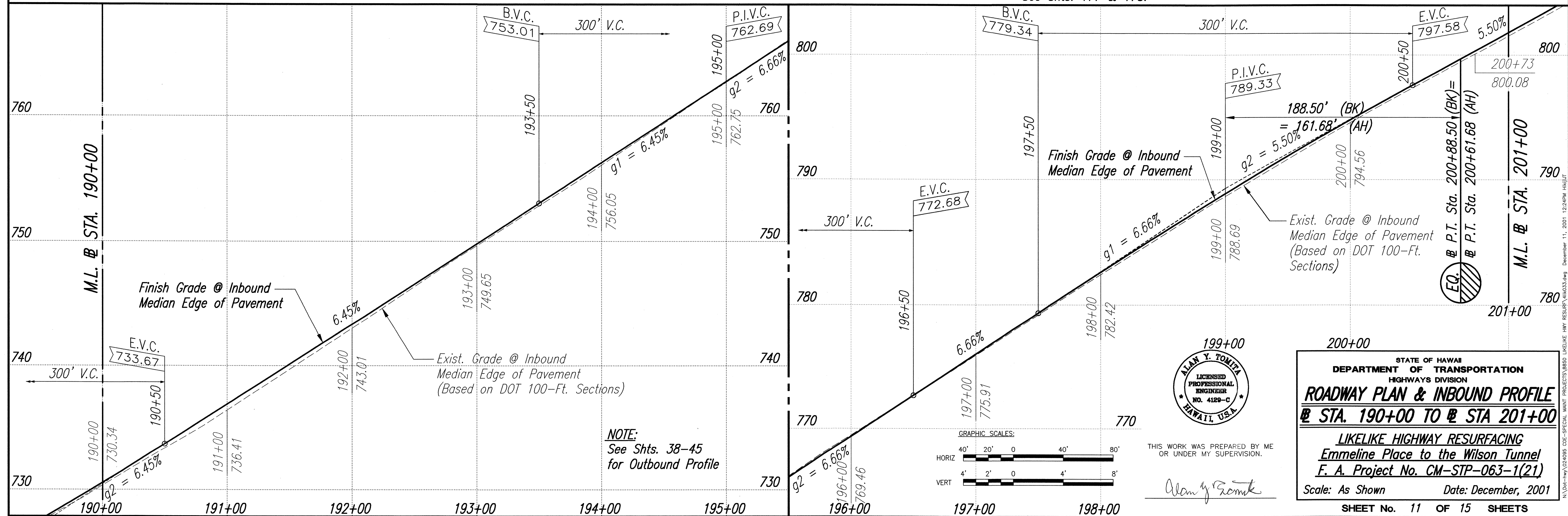
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CM-STP-063-1(21)	2002	33	187



CURVE DATA
 $\Delta = 13^\circ 36' 30''$
 $R = 2,864.79'$
 $T = 341.82'$
 $C = 678.82'$
 $L_c = 680.42'$
 $S.E. = 0.047 \text{ ft/ft}$

Notes:
 Details for Guardrails, Metal & Steel,
 See Shts. 96 Through 101. Details for
 Concrete Barrier, See Shts. 111 & 112.
 See Barrier Schedule Sht. 14 for Type
 of Concrete Barrier.

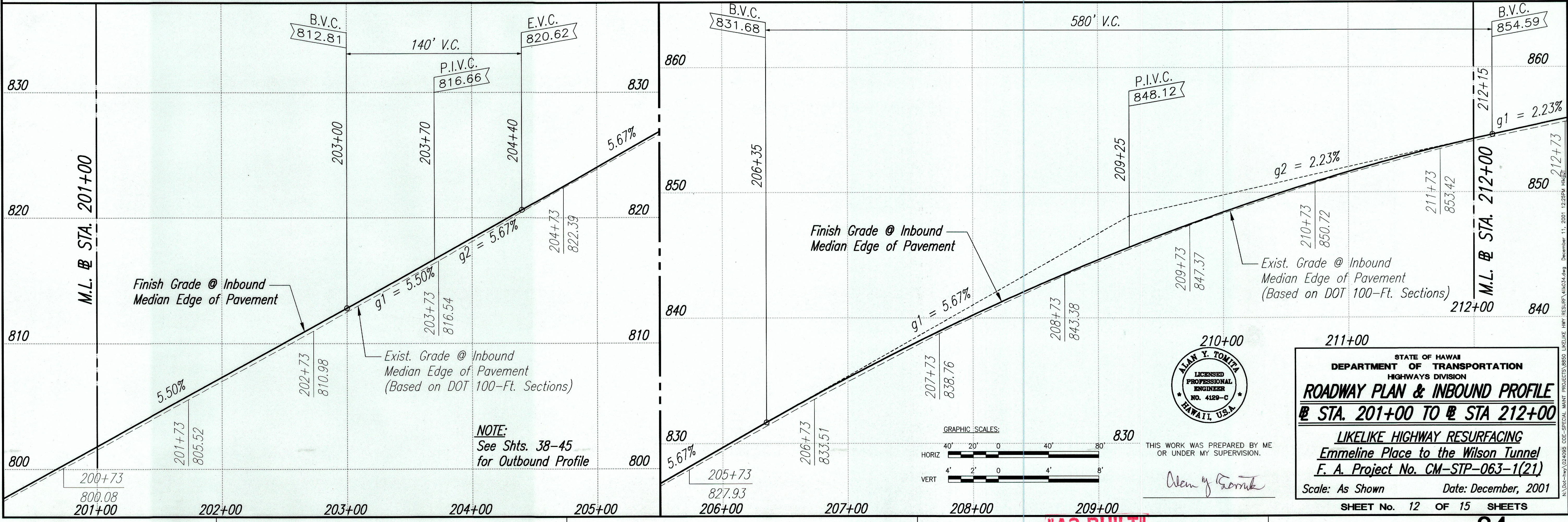
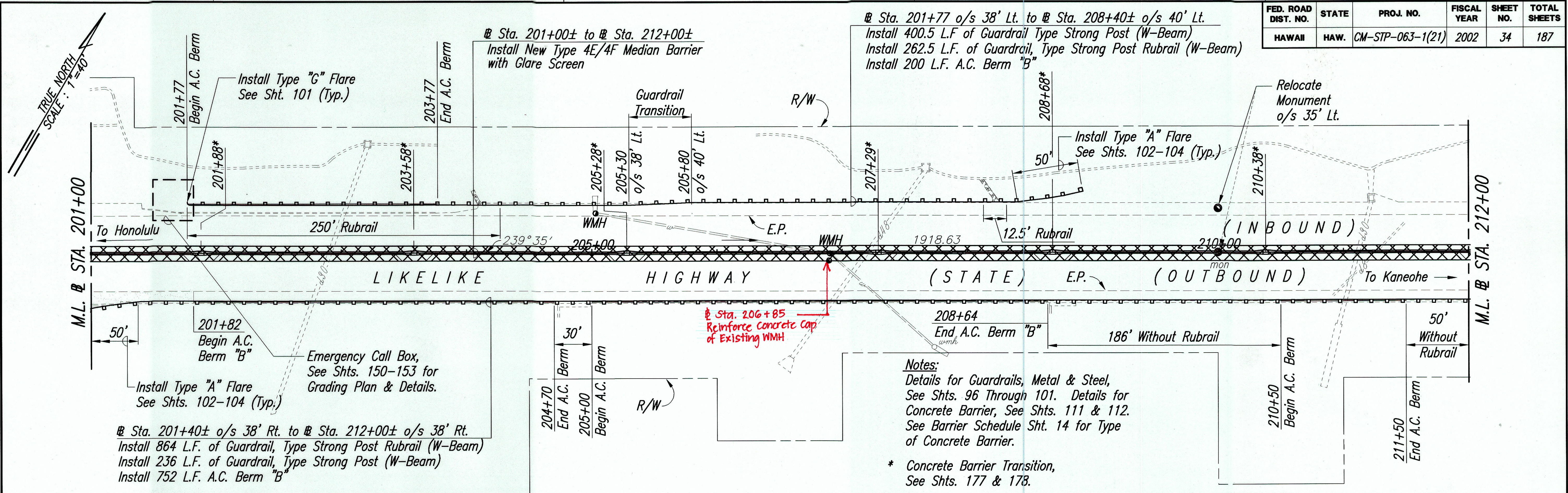
* Concrete Barrier Transition,
 See Shts. 177 & 178.



ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
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NOTE BOOK	
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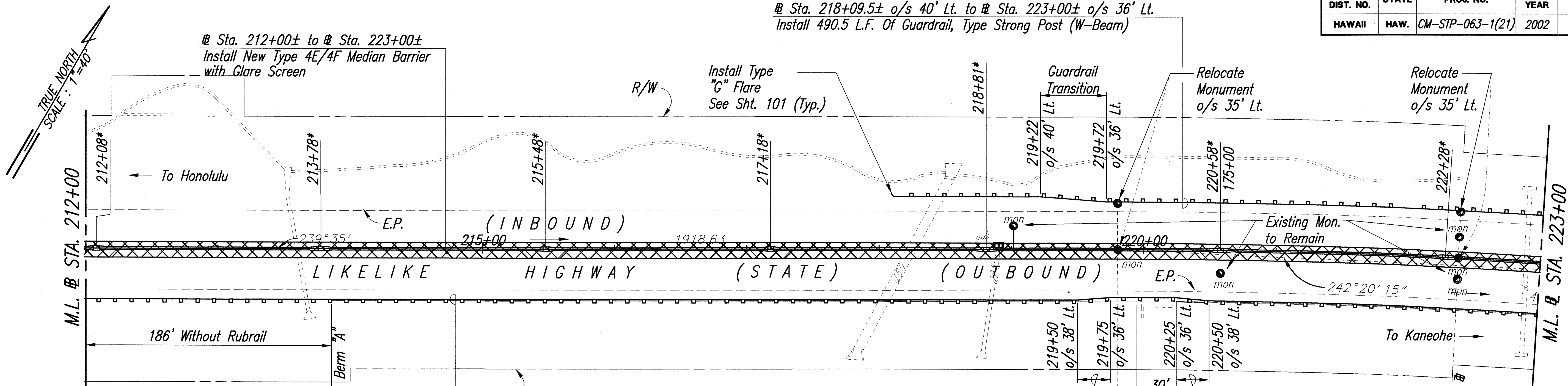
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
ROADWAY PLAN & INBOUND PROFILE
STA. 190+00 TO STA. 201+00
LIKELIKE HIGHWAY RESURFACING
Emmeline Place to the Wilson Tunnel
F. A. Project No. CM-STP-063-1(21)
 Scale: As Shown Date: December, 2001
 SHEET No. 11 OF 15 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CM-STP-063-1(21)	2002	34	187



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

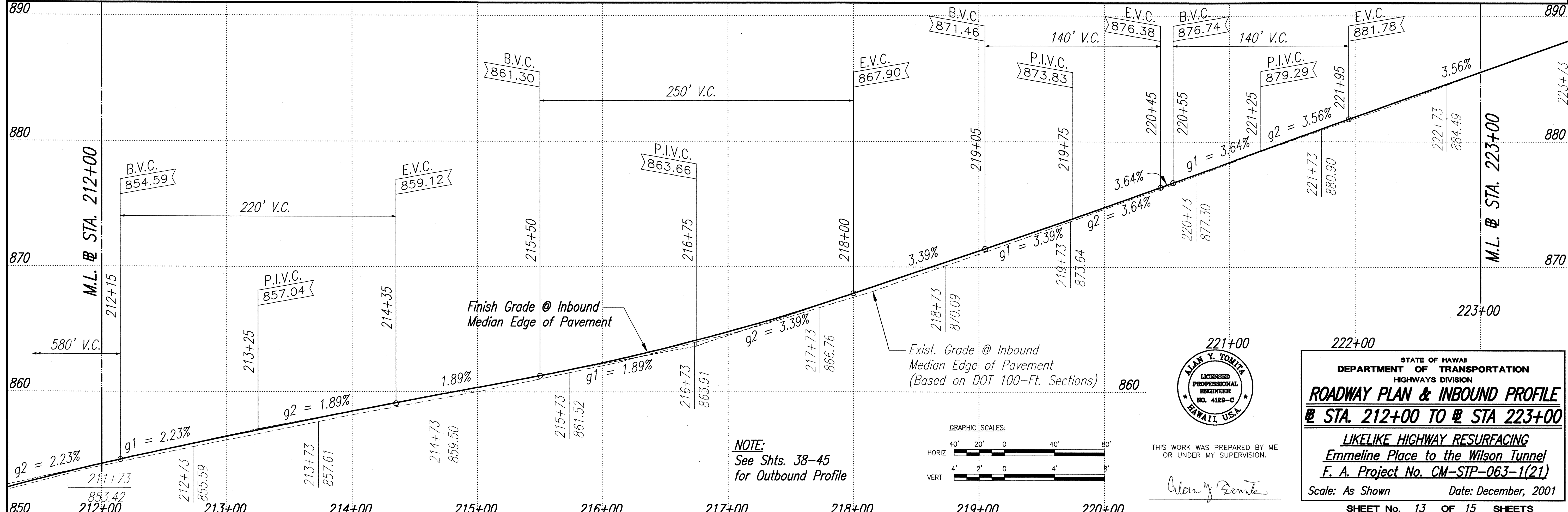
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CM-STP-063-1(21)	2002	35	187



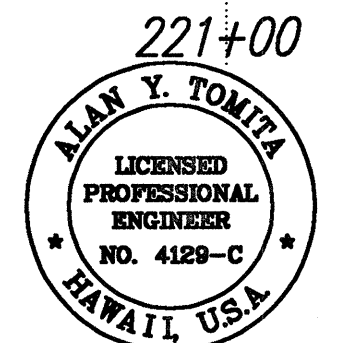
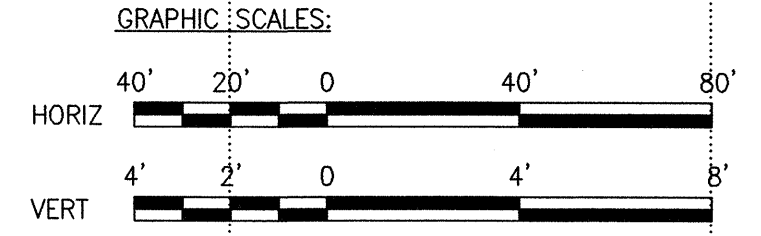
Notes:
 Details for Guardrails, Metal & Steel, See Shts. 96 Through 101. Details for Concrete Barrier, See Shts. 111 & 112. See Barrier Schedule Sht. 14 for Type of Concrete Barrier. Existing monuments are to remain unless noted otherwise.
 * Concrete Barrier Transition, See Shts. 177 & 178.

Sta. 212+00± o/s 38' Rt. to Sta. 223+00± o/s 38' Rt.
 Install 914 L.F. of Guardrail, Type Strong Post Rubrail (W-Beam)
 Install 186 L.F. of Guardrail, Type Strong Post (W-Beam)
 Install 609 L.F. A.C. Berm "A" & 275 L.F. A.C. Berm "B",
 See Sht. 12 for Detail.

CURVE DATA
 $\Delta = 5'30'30''$
 $R = 5,000.00'$
 $T = 240.53'$
 $C = 480.51'$
 $L_c = 480.69'$
 $S.E. = 0.03 \text{ ft/ft}$



NOTE:
 See Shts. 38-45
 for Outbound Profile

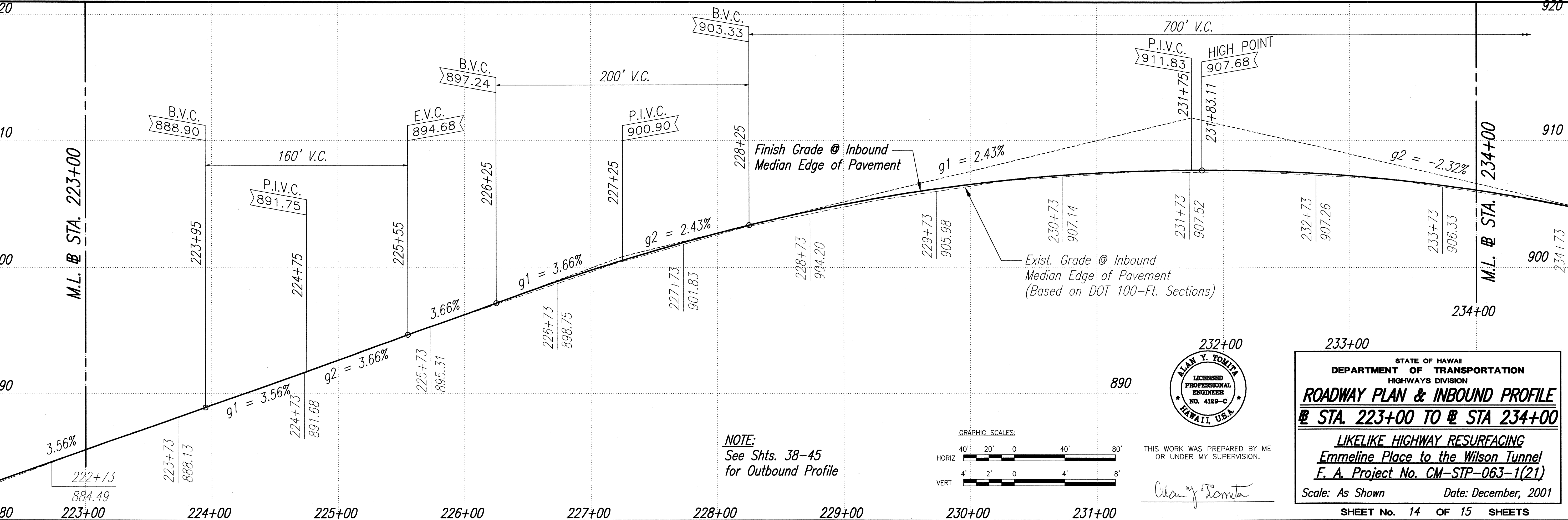
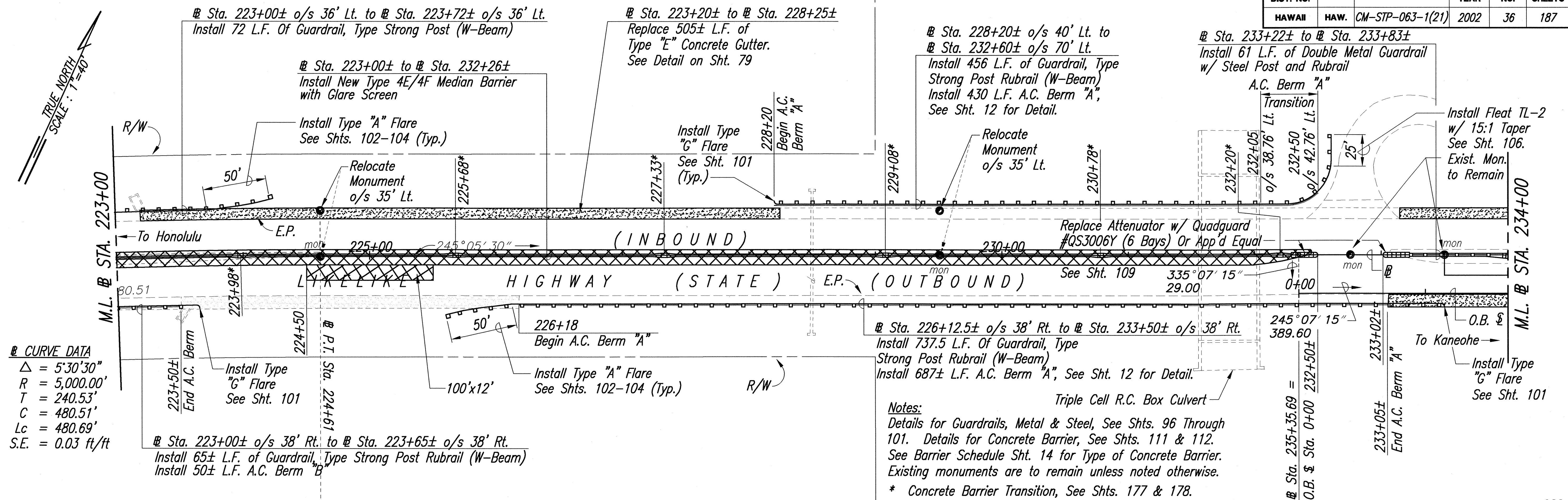


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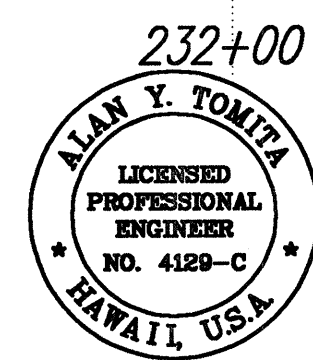
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
ROADWAY PLAN & INBOUND PROFILE
Sta. 212+00 TO Sta. 223+00
LIKELIKE HIGHWAY RESURFACING
Emmeline Place to the Wilson Tunnel
F. A. Project No. CM-STP-063-1(21)
 Scale: As Shown Date: December, 2001
 SHEET No. 13 OF 15 SHEETS

SURVEY PLOTTED BY	DATE
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FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CM-STP-063-1(21)	2002	36	187

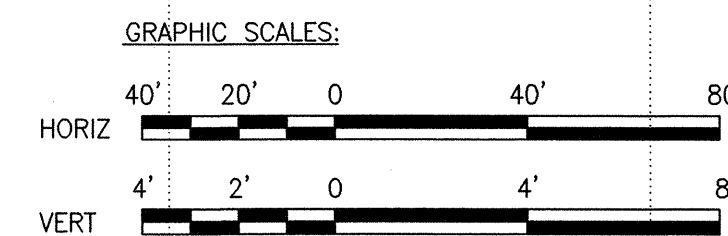


SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
No.	



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STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

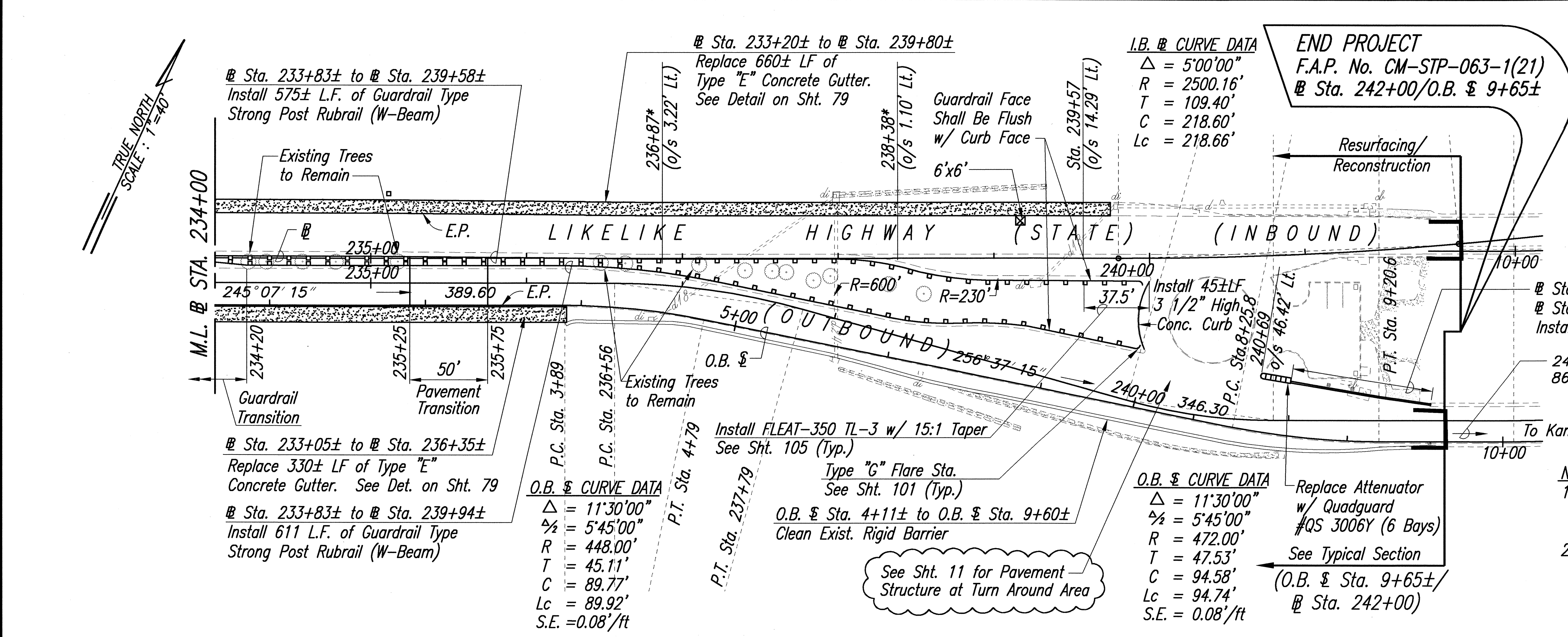
ROADWAY PLAN & INBOUND PROFILE
Sta. 223+00 TO Sta. 234+00

LIKELIKE HIGHWAY RESURFACING
 Emmeline Place to the Wilson Tunnel
 F. A. Project No. CM-STP-063-1(21)

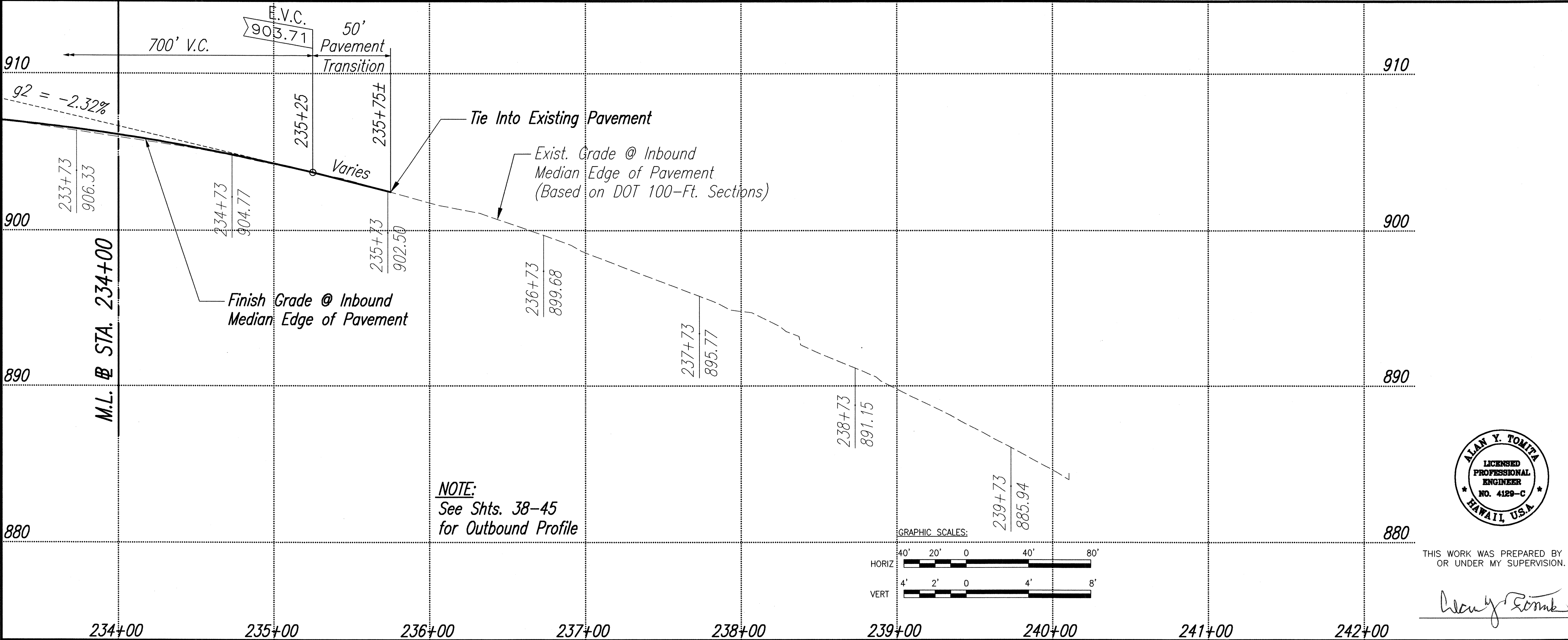
Scale: As Shown Date: December, 2001

SHEET No. 14 OF 15 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CM-STP-063-1(21)	2002	ADD 37	187



- Notes:**
- Details For Guardrails, Metal & Steel, See Shts. 96 Through 101.
 - Provide Smooth Pavement Transition to Existing Concrete Pavement at Inbound Side.



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
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QUANTITIES BY	QUANTITIES BY	QUANTITIES BY
CHECKED BY	CHECKED BY	CHECKED BY
No.	No.	No.

1/29/02	Add Callout Reference to Pav't Structure Detail on Sht. 11
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN & INBOUND PROFILE
LIKELIKE HIGHWAY RESURFACING
Emmeline Place to the Wilson Tunnel
F. A. Project No. CM-STP-063-1(21)

Scale: As Shown Date: December, 2001

SHEET No. 15 OF 15 SHEETS