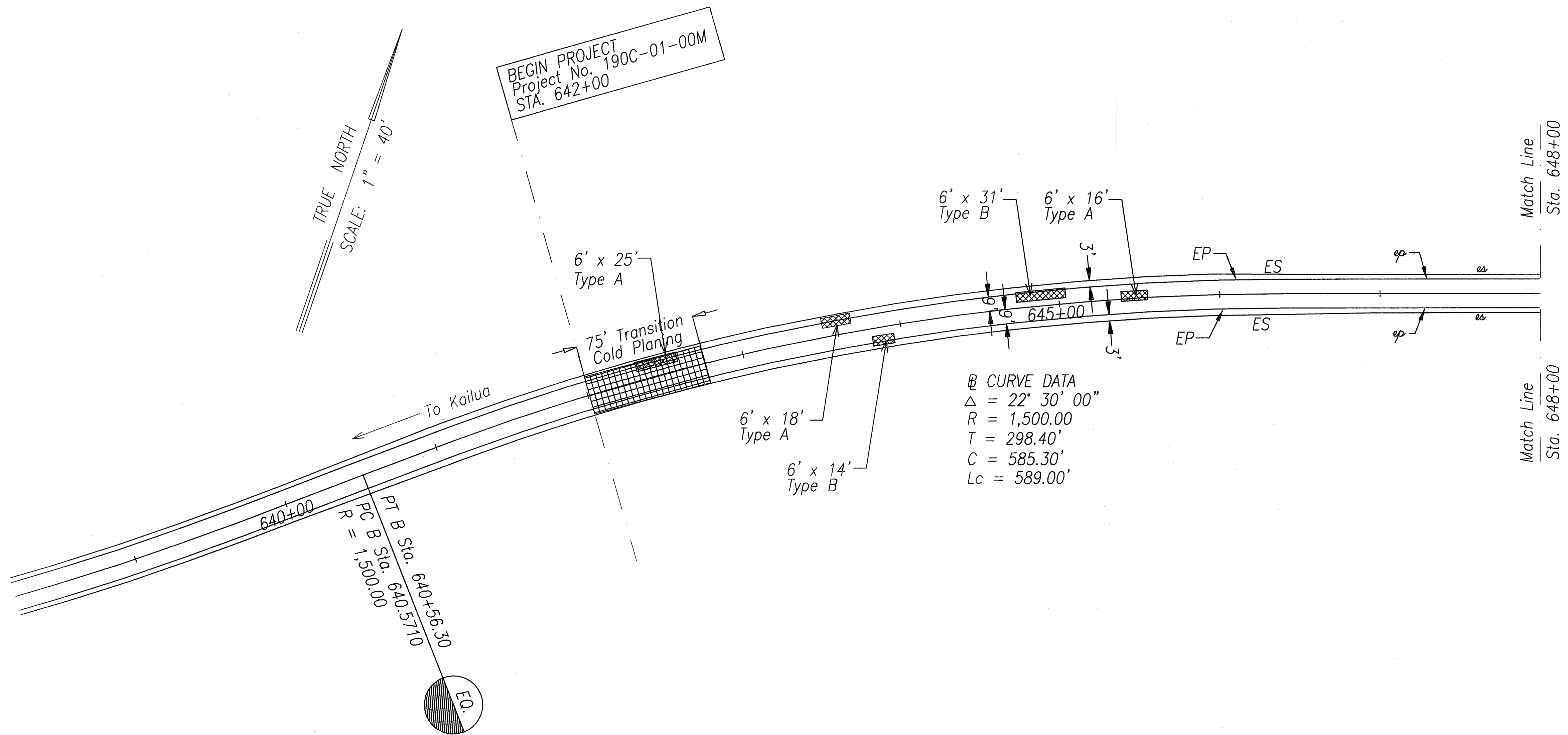


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	190C-01-00M	2000	20	66



Note:
Refer to revised pavement reconstruction
Schedule, sheet no. 113-1 to 113-5 for limits,
description, and quantities.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

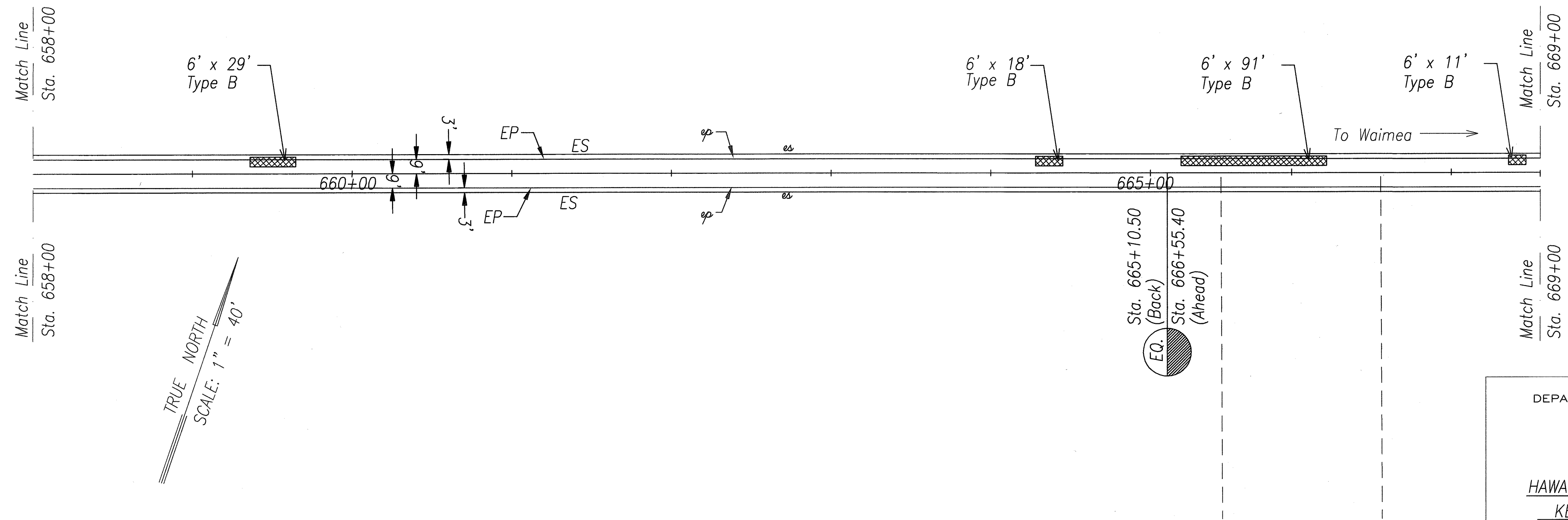
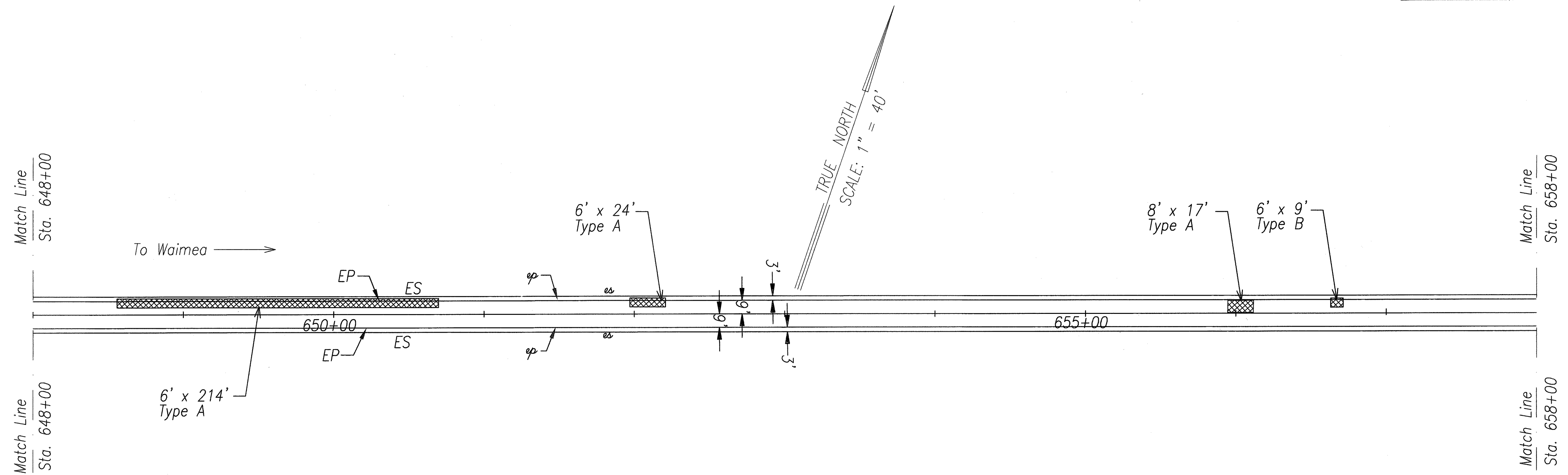
ROADWAY PLAN
ROUTE 190
HAWAII BELT ROAD RESURFACING
KEAMUKU TO PUUANAHULU
PROJECT NO. 190C-01-00M
Scale: Noted Date: April, 2000

SHEET No. 1 OF 19 SHEETS

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

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	190C-01-00M	2000	21	66



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

See note sheet No. 20

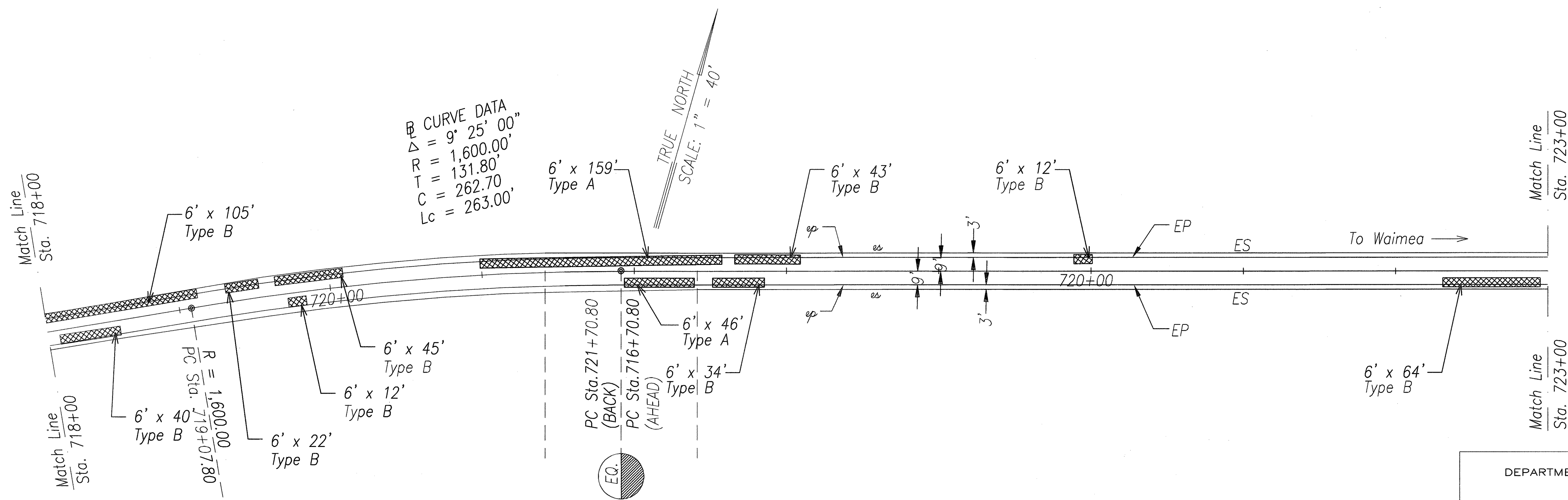
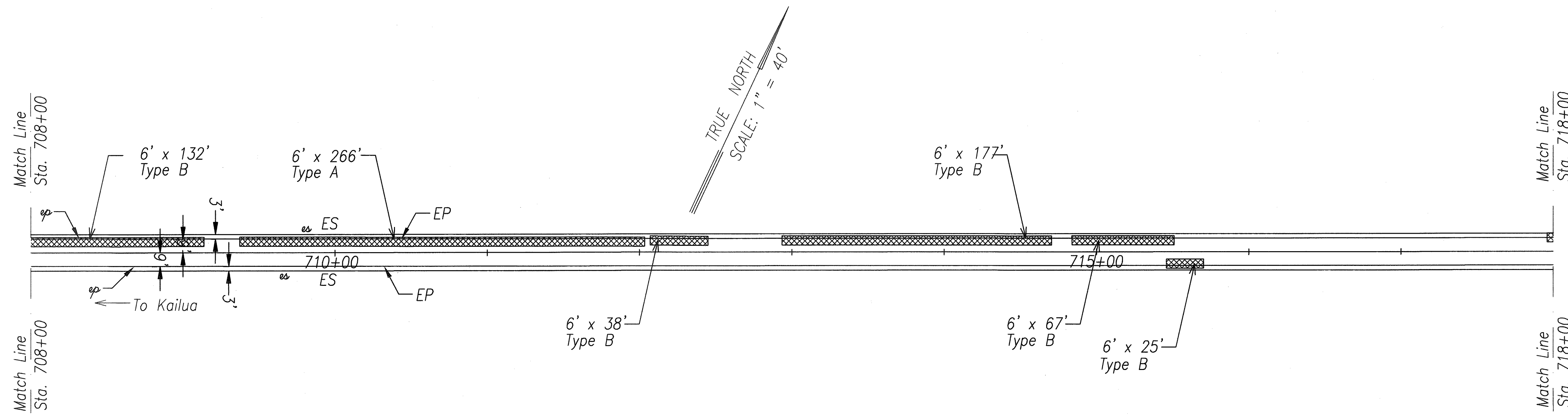
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN
ROUTE 190
HAWAII BELT ROAD RESURFACING
KEAMUKU TO PUUANAHULU
PROJECT NO. 190C-01-00M
Scale: Noted Date: April, 2000

SHEET No. 2 OF 19 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	190C-01-00M	2000	24	66



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
DESIGNED BY	CHECKED BY	
QUANTITIES BY		
No. 257		

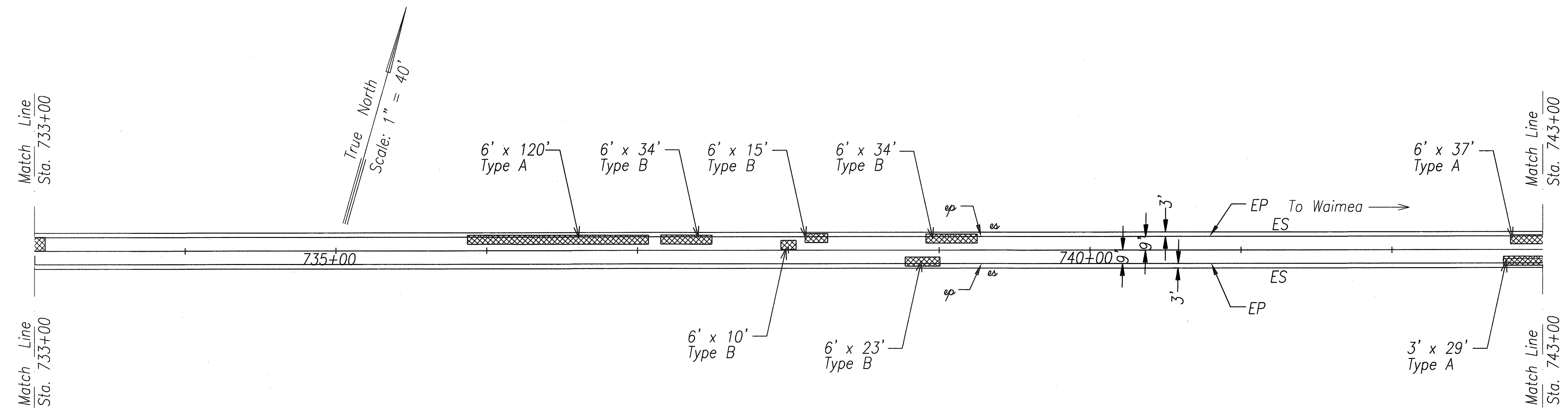
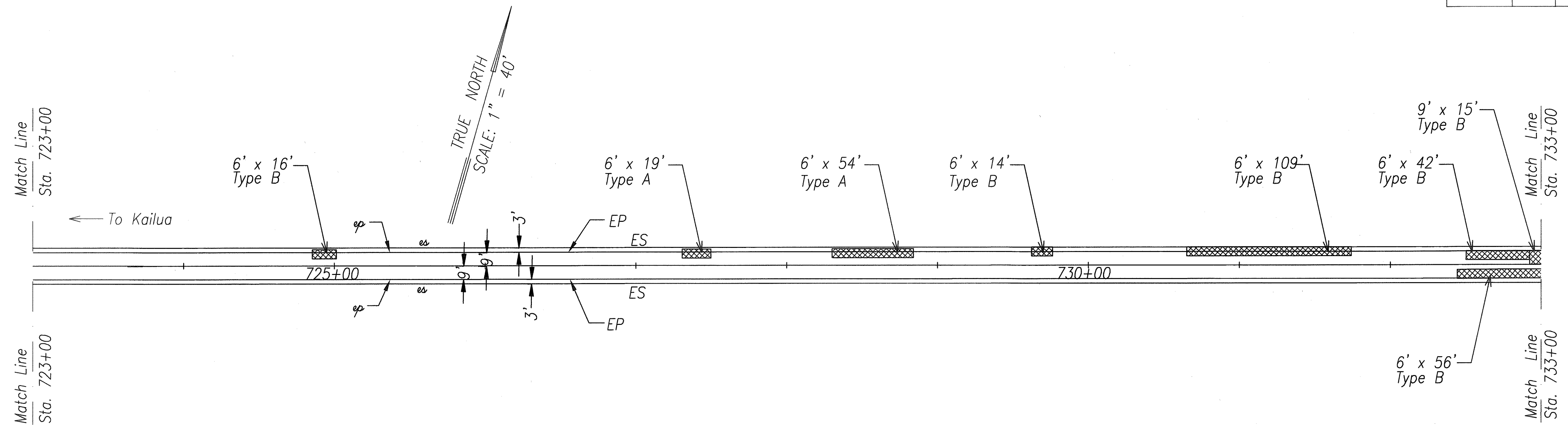
See note sheet No 20

"AS-BUILT"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLAN
ROUTE 190
HAWAII BELT ROAD RESURFACING
KEAMUKU TO PUUANAHULU
PROJECT NO. 190C-01-00M
Scale: Noted Date: April, 2000

SHEET No. 5 OF 19 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	190C-01-00M	2000	25	66



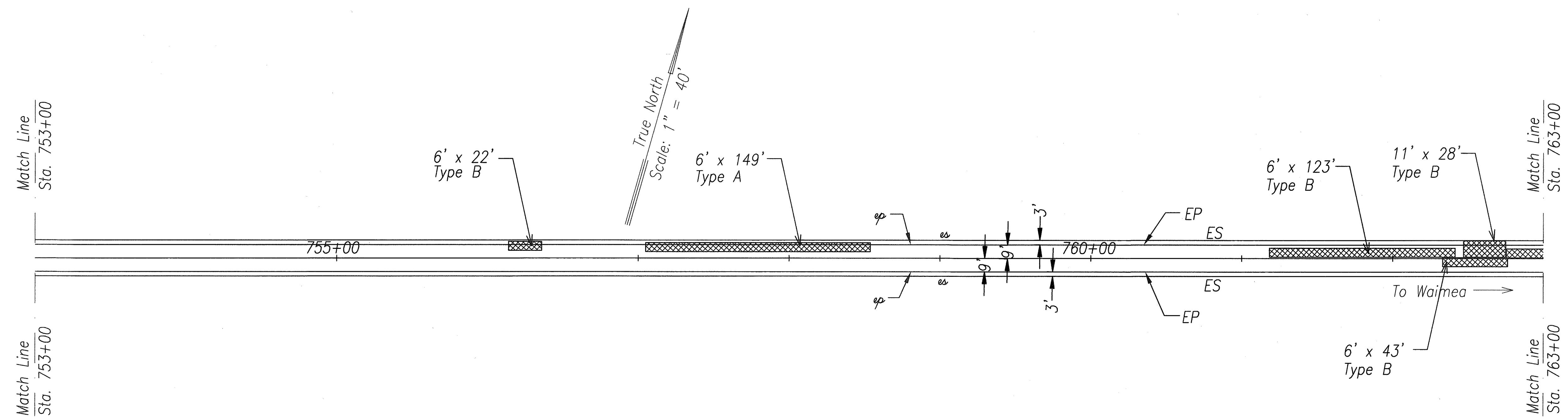
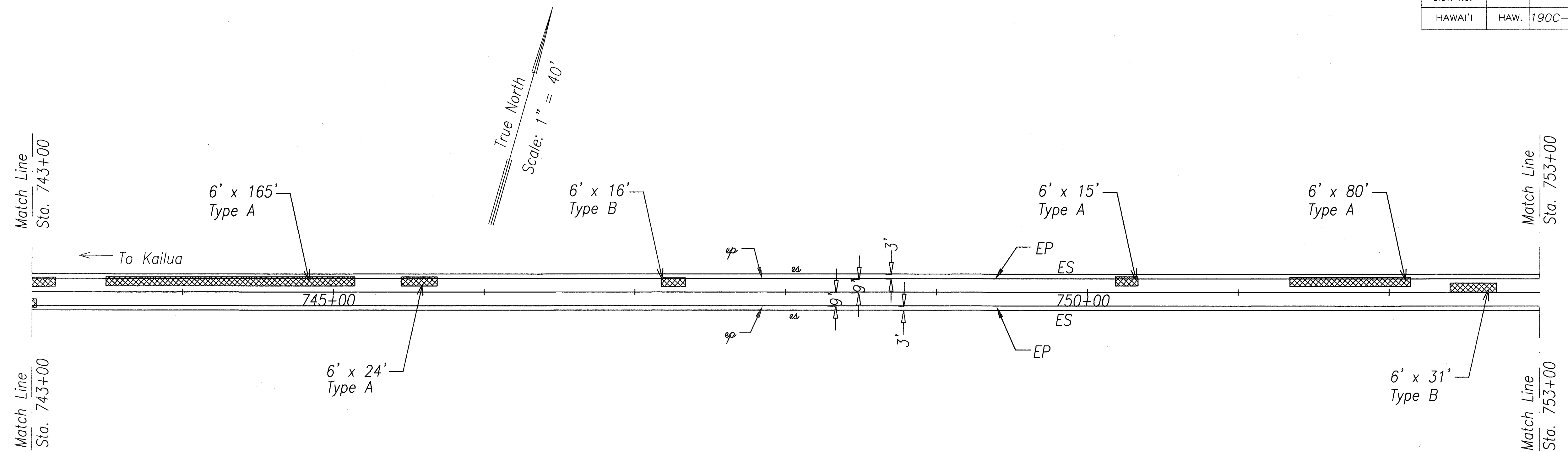
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NOTE BOOK	DRAWN BY	
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLAN
ROUTE 190
HAWAII BELT ROAD RESURFACING
KEAMUKU TO PUUANAHULU
PROJECT NO. 190C-01-00M
Scale: Noted Date: April, 2000
SHEET No. 6 OF 19 SHEETS

See note sheet No 20

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	190C-01-00M	2000	26	66



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NOTE BOOK	DRAWN BY	X
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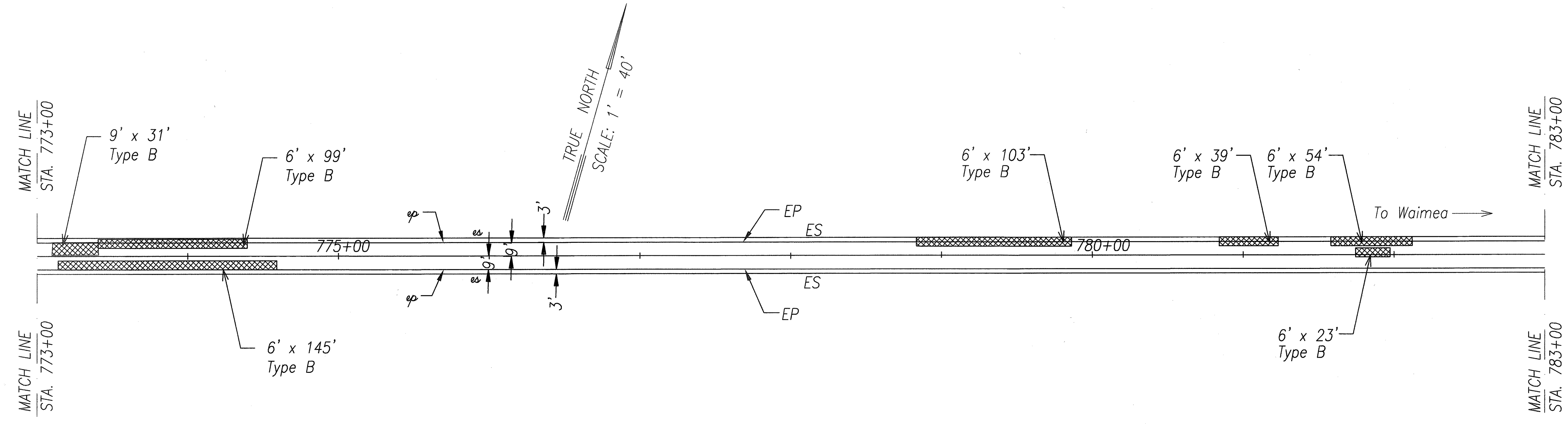
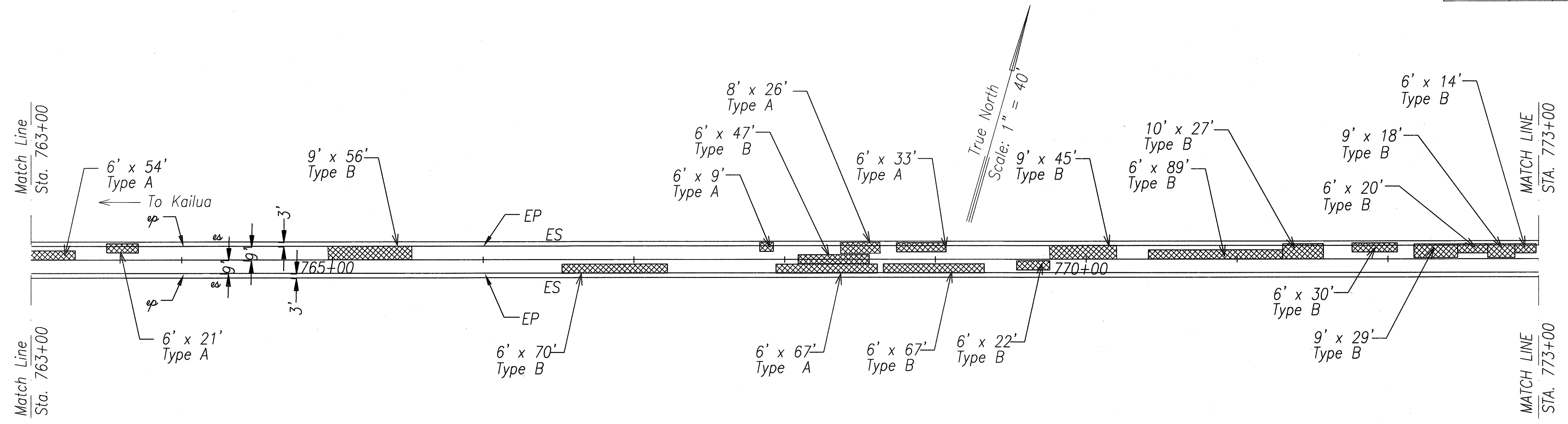
See note sheet No. 20

"AS-BUILT"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN
ROUTE 190
HAWAII BELT ROAD RESURFACING
KEAMUKU TO PUUANAHULU
PROJECT NO. 190C-01-00M
Scale: Noted Date: April, 2000
SHEET No. 7 OF 19 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	190C-01-00M	2000	27	66



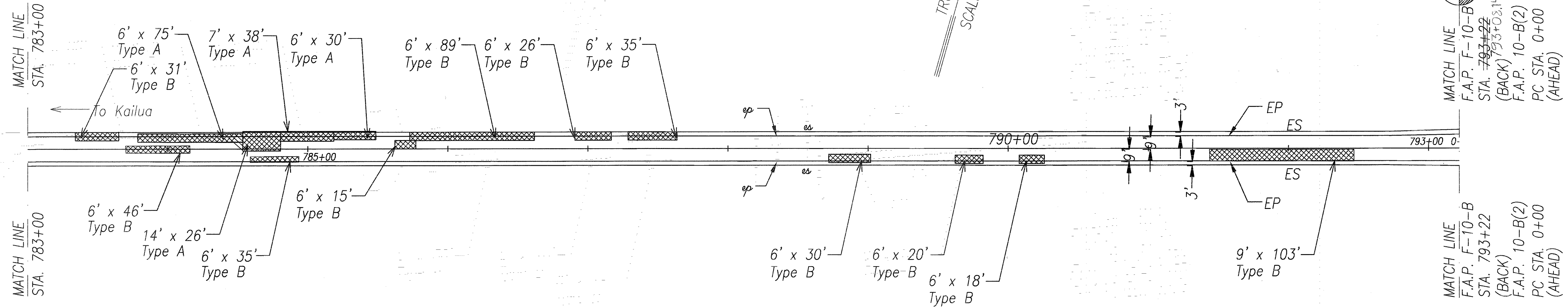
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NOTE BOOK	DESIGNED BY	
No. 1	CHECKED BY	

See note sheet No. 20

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLAN
ROUTE 190
HAWAII BELT ROAD RESURFACING
KEAMUKU TO PUUANAHULU
PROJECT NO. 190C-01-00M
Scale: Noted Date: April, 2000
SHEET No. 8 OF 19 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	190C-01-00M	2000	28	66



MATCH LINE
F.A.P. F-10-B
STA. 793+22
(BACK)
F.A.P. 10-B(2)
PC STA. 0+00
(AHEAD)

CURVE DATA
 $\Delta = 43^\circ 32' 30''$
 $R = 2202.20'$
 $T = 807.60'$
 $C = 1,500.00'$
 $L_c = 1,536.80'$

Remove exist. concrete post guardrail.
Install 470 If guard + end treatments
See Schedule Shts. 12 and 13.

6' x 24' Type B
6' x 16' Type B

6/13/00	See note sheet No. 20 Revised callout regarding guardrails to include guardrail sheets 12 and 13.
Date	Revisions

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

ROUTE 190
HAWAII BELT ROAD RESURFACING
KEAMUKU TO PUUANAHULU
PROJECT NO. 190C-01-00M

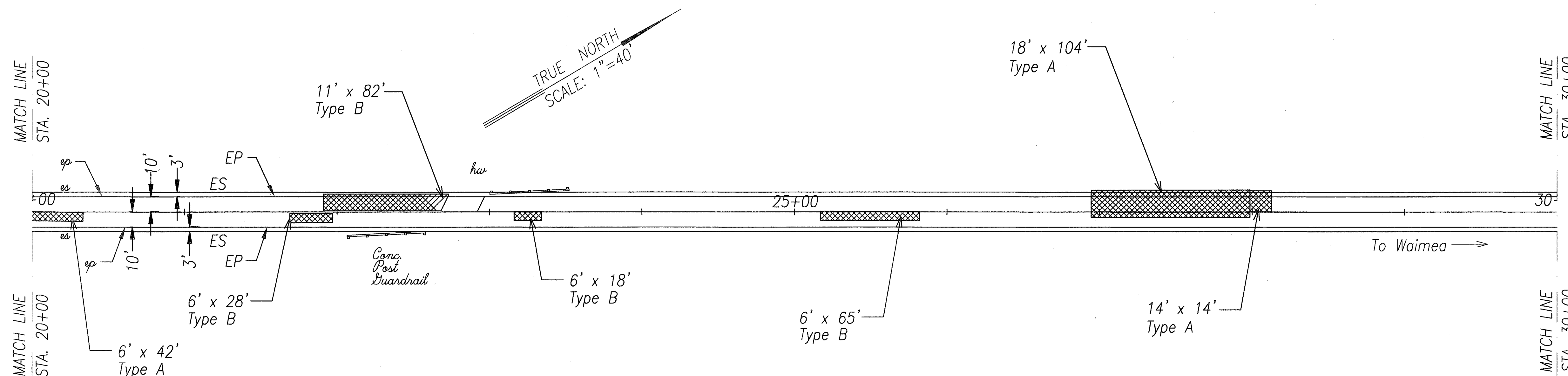
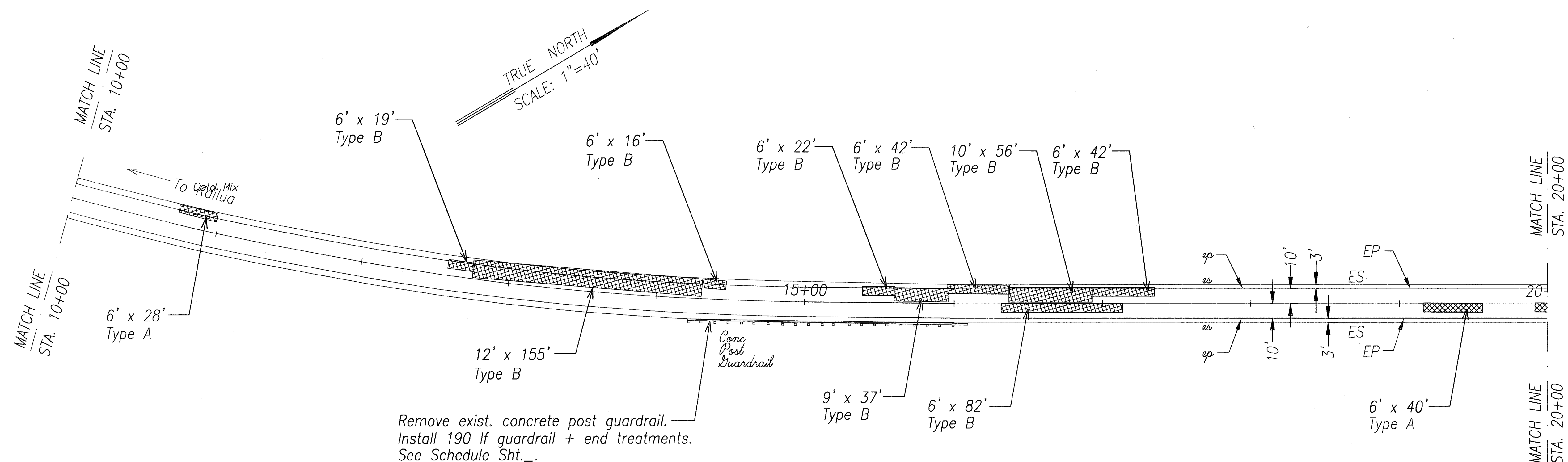
Scale: Noted Date: April, 2000

SHEET No. 9 OF 19 SHEETS

ORIGINAL PLAN	DATE
NOTE BOOK	DESIGNED BY
No. 28	CHECKED BY

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	190C-01-00M	2000	29	66



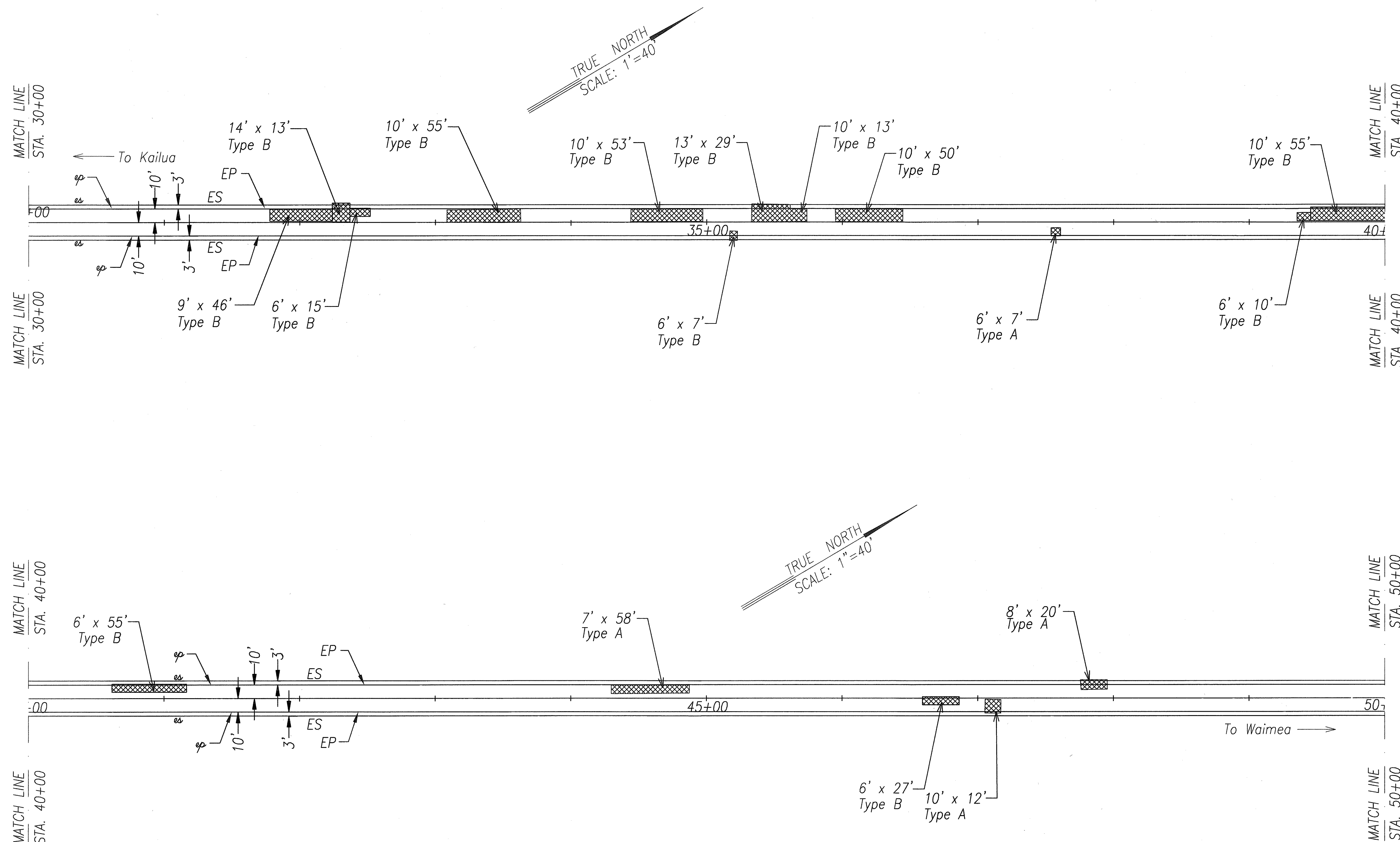
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See note sheet No. 20

"AS-BUILT"

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
ROADWAY PLAN
ROUTE 190
HAWAII BELT ROAD RESURFACING
KEAMUKU TO PUUANAHULU
PROJECT NO. 190C-01-00M
Scale: Noted Date: April, 2000
SHEET No. 10 OF 19 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	190C-01-00M	2000	30	66



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	
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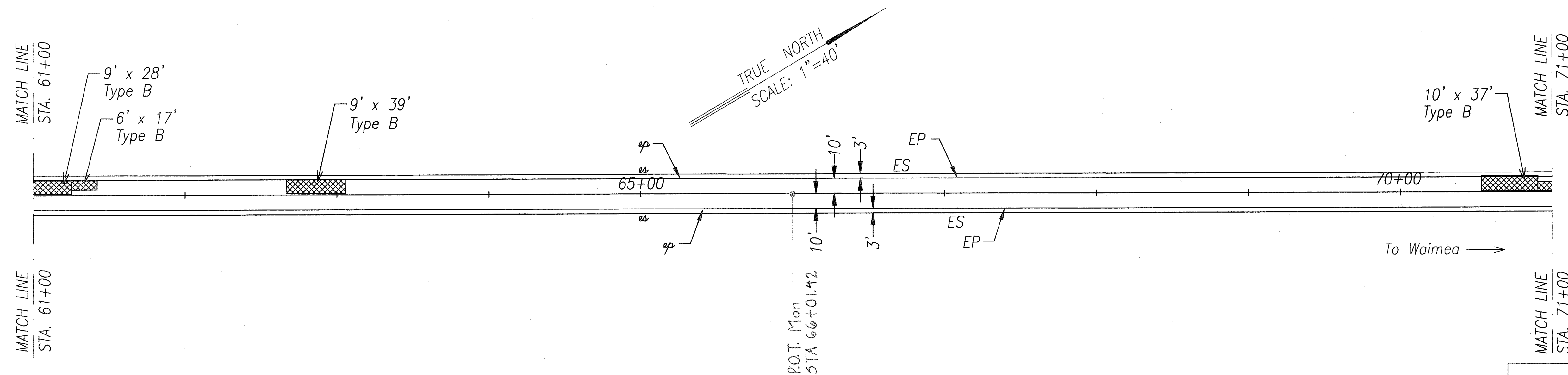
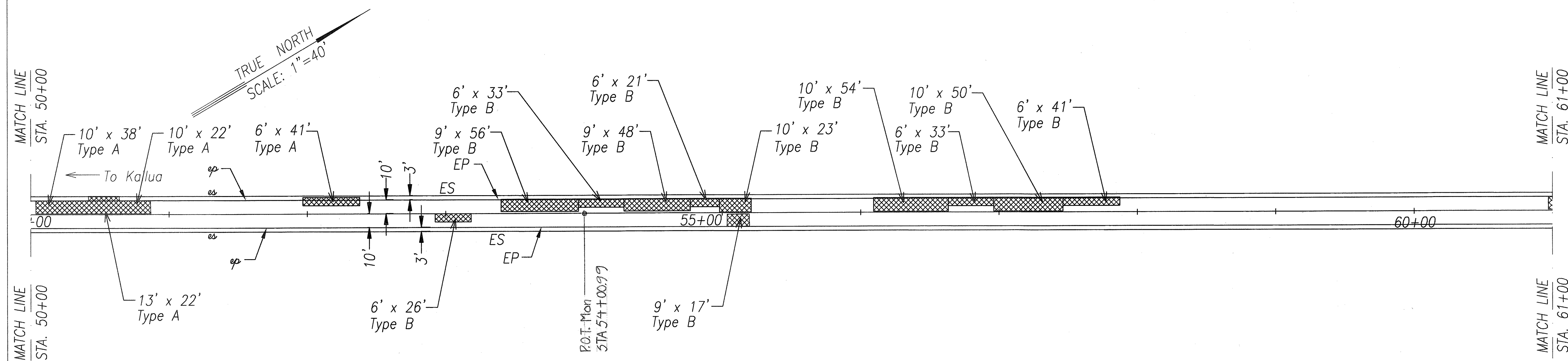
See note sheet No. 20

"AS-BUILT"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLAN
ROUTE 190
HAWAII BELT ROAD RESURFACING
KEAMUKU TO PUUANAHULU
PROJECT NO. 190C-01-00M
Scale: Noted Date: April, 2000
SHEET No. 11 OF 19 SHEETS

30

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	190C-01-00M	2000	31	66



ORIGINAL PLAN	DESIGNED BY	DATE
NOTE BOOK	DESIGNED BY	
No. 59	CHECKED BY	

See note sheet No. 20

"AS-BUILT"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

ROUTE 190

HAWAII BELT ROAD RESURFACING

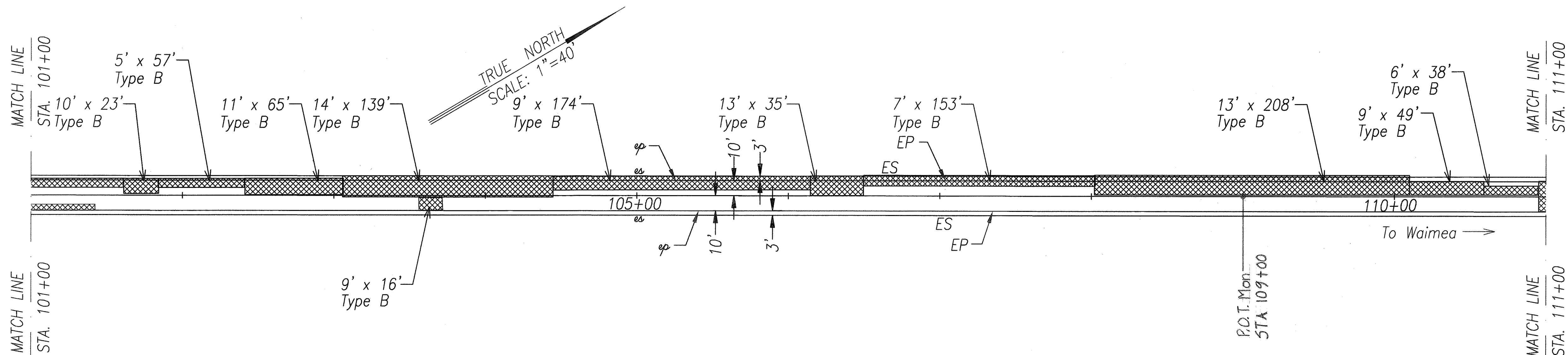
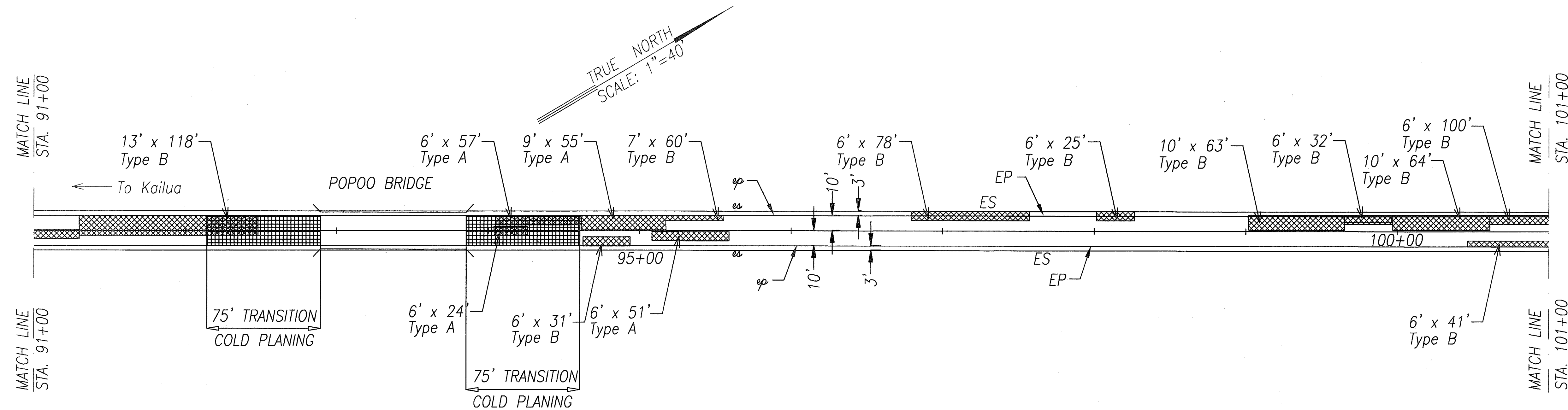
KEAMUKU TO PUUANAHULU

PROJECT NO. 190C-01-00M

Scale: Noted Date: April, 2000

SHEET No. 12 OF 19 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	190C-01-00M	2000	33	66



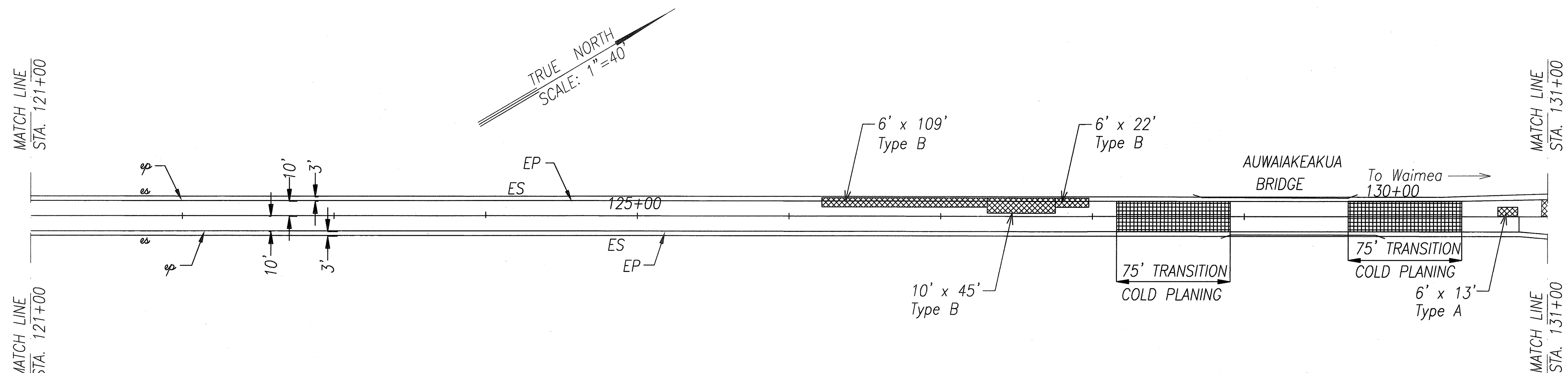
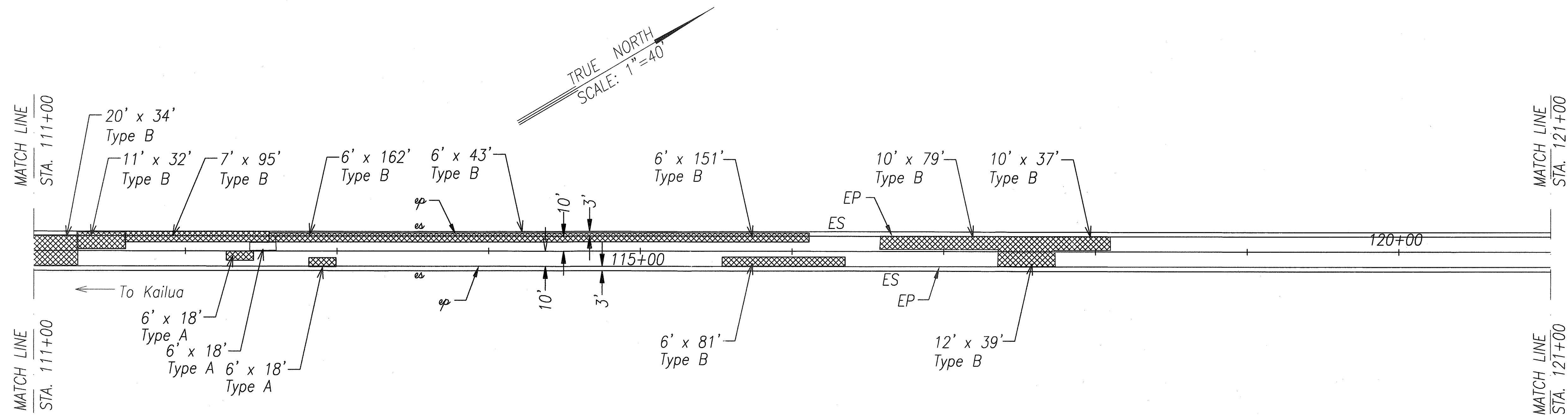
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NOTE BOOK	DRAWN BY	
DESIGNED BY		
QUANTITIES BY		
CHECKED BY		

See note sheet No. 20

"AS-BUILT"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS
ROUTE 190
HAWAII BELT ROAD RESURFACING
KEAMUKU TO PUUANAHULU
PROJECT NO. 190C-01-00M
Scale: Noted Date: April, 2000
SHEET No. 14 OF 19 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	190C-01-00M	2000	34	66



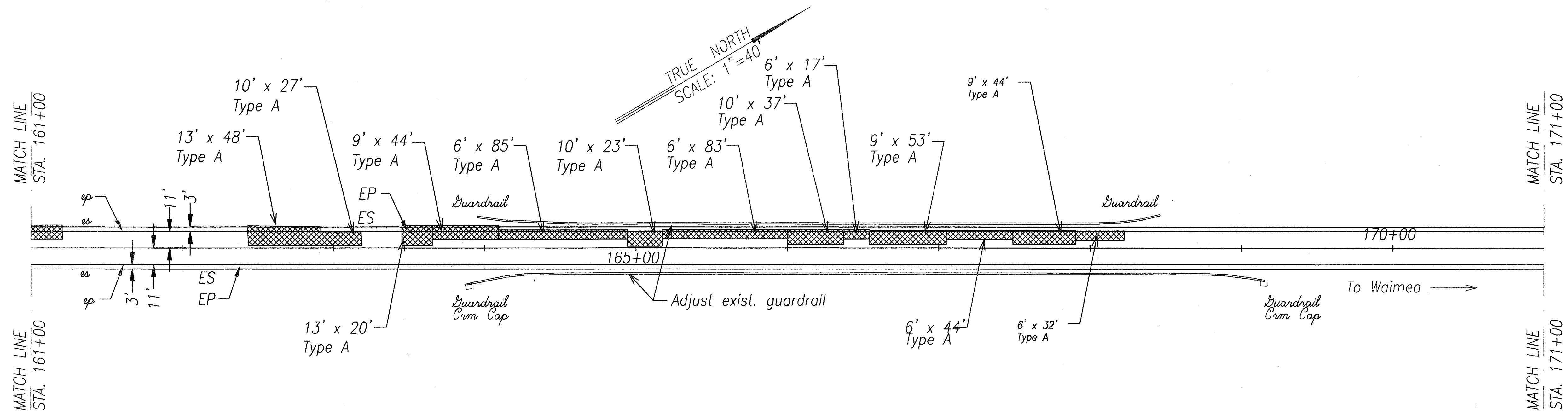
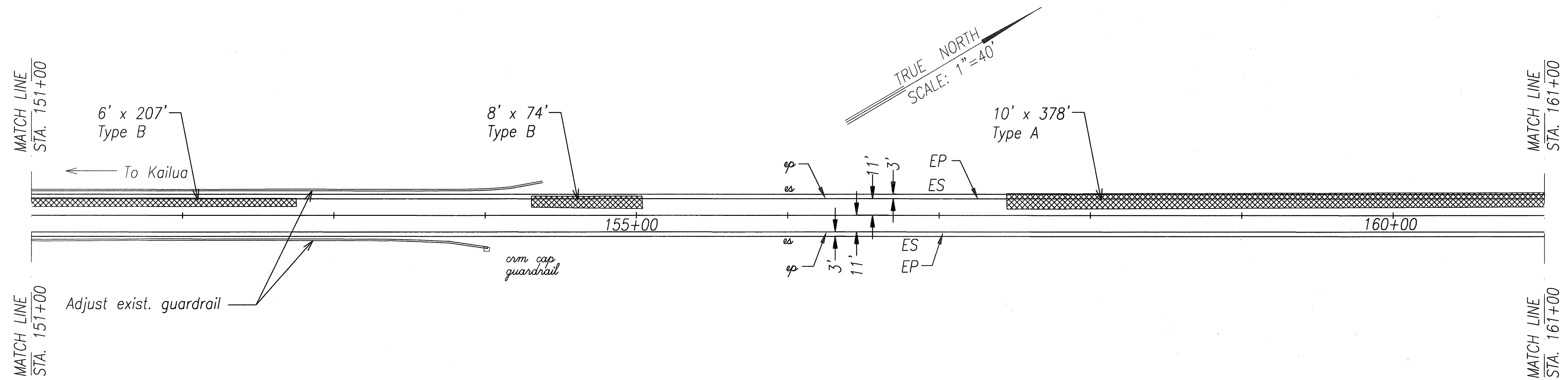
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NOTE BOOK	DRAWN BY	X
DESIGNED BY	TRACED BY	X
CHECKED BY	QUANTITIES BY	X
No. 500	CHECKED BY	X

See note sheet No. 20

"AS-BUILT"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLAN
ROUTE 190
HAWAII BELT ROAD RESURFACING
KEAMUKU TO PUUANAHULU
PROJECT NO. 190C-01-00M
Scale: Noted Date: April, 2000
SHEET No. 15 OF 19 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	190C-01-00M	2000	36	66



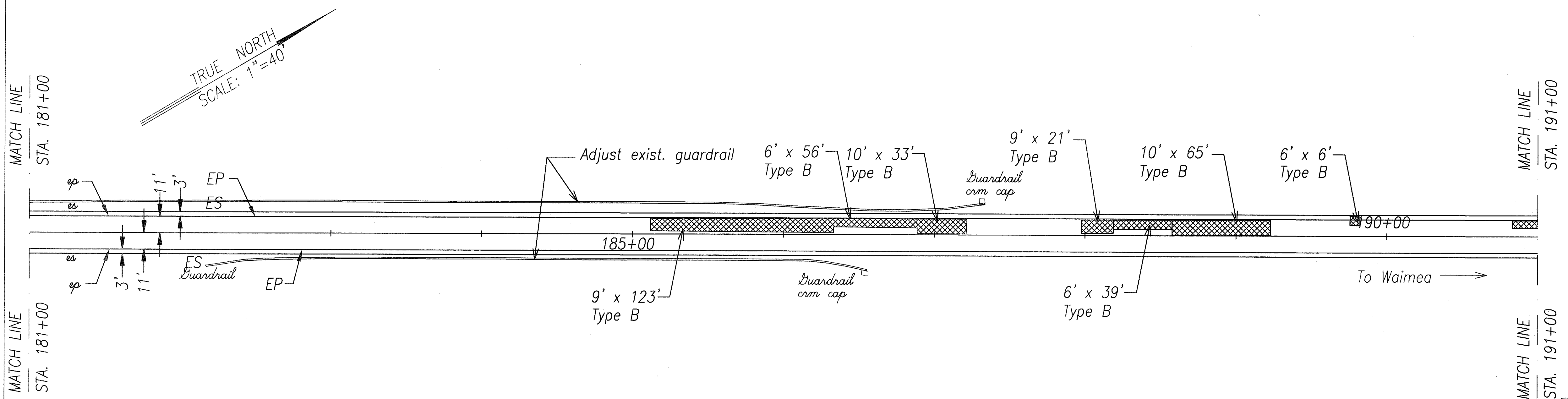
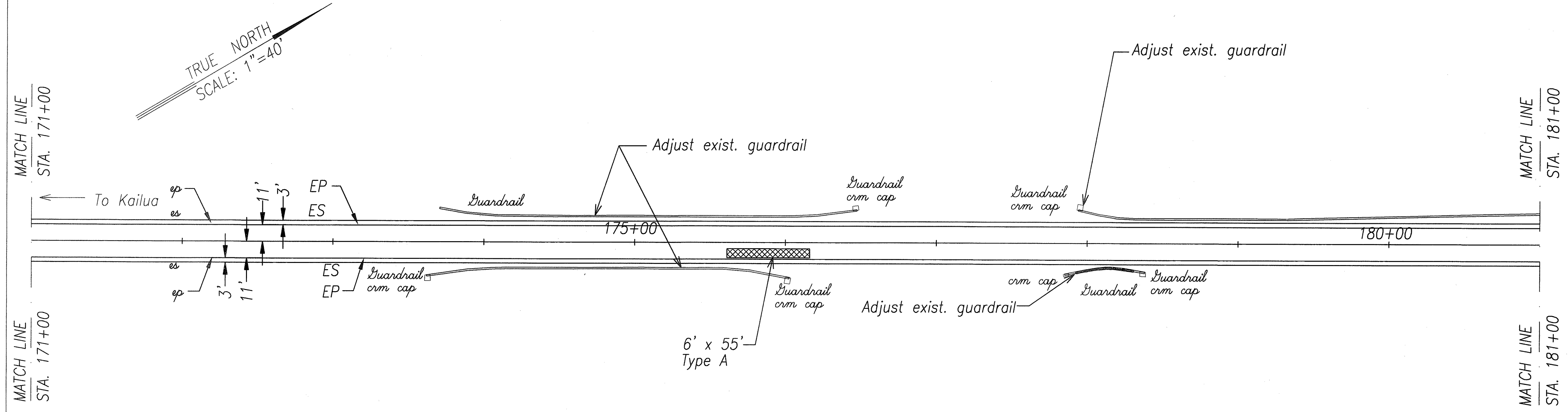
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NOTE BOOK	DRAWN BY	
64-0001	DESIGNED BY	
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	CHECKED BY	

See note sheet No20

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLAN
ROUTE 190
HAWAII BELT ROAD RESURFACING
KEAMUKU TO PUUANAHULU
PROJECT NO. 190C-01-00M
Scale: Noted Date: April, 2000
SHEET No. 17 OF 19 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	190C-01-00M	2000	37	66



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	X
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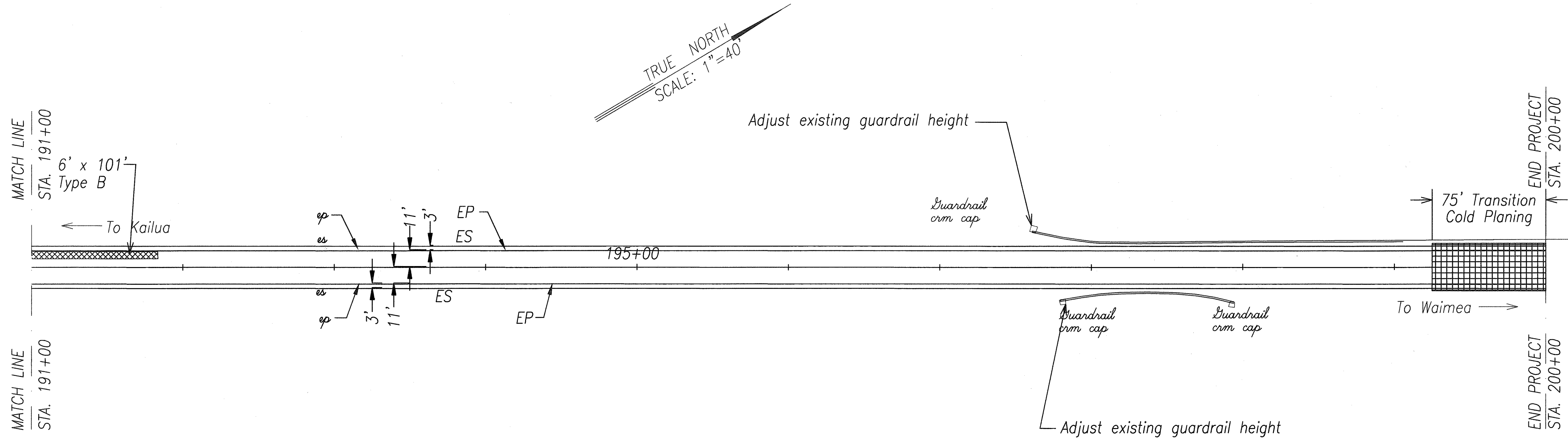
See note sheet No20

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLAN
ROUTE 190
HAWAII BELT ROAD RESURFACING
KEAMUKU TO PUUANAHULU
PROJECT NO. 190C-01-00M
Scale: Noted Date: April, 2000
SHEET No. 18 OF 19 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	190C-01-00M	2000	38	66

END
ROAD WORK



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	X
No. 191	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	

See notes sheet No. 20

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLAN
ROUTE 190
HAWAII BELT ROAD RESURFACING
KEAMUKU TO PUUANAHULU
PROJECT NO. 190C-01-00M
Scale: Noted Date: April, 2000
SHEET No. 19 OF 19 SHEETS

"AS-BUILT"