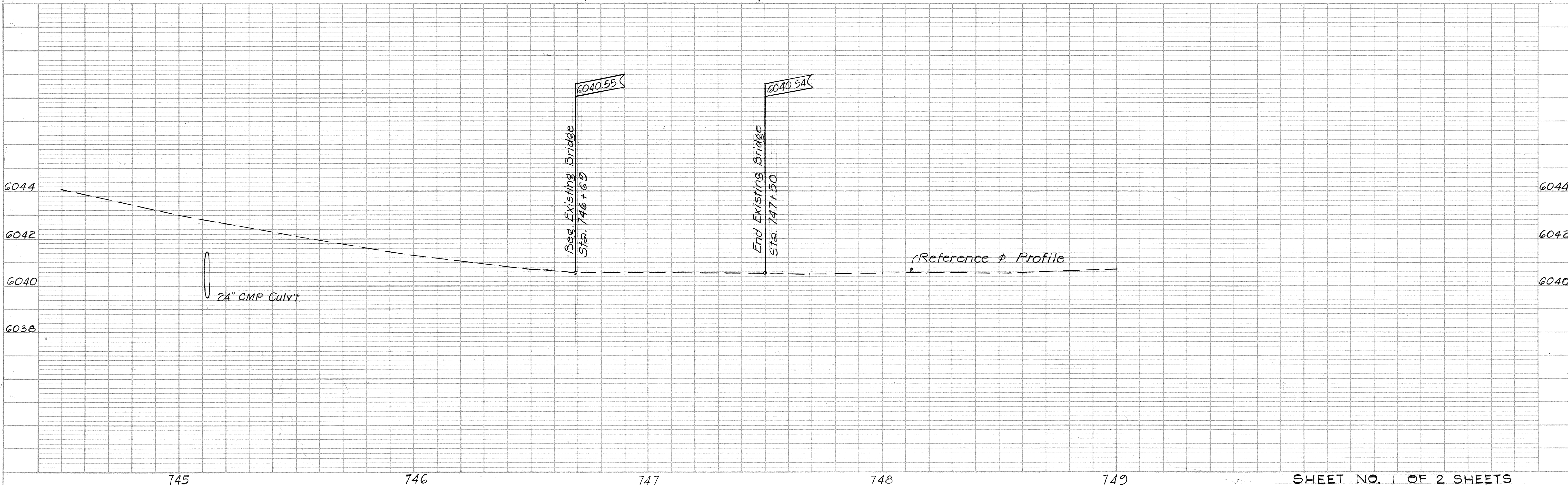
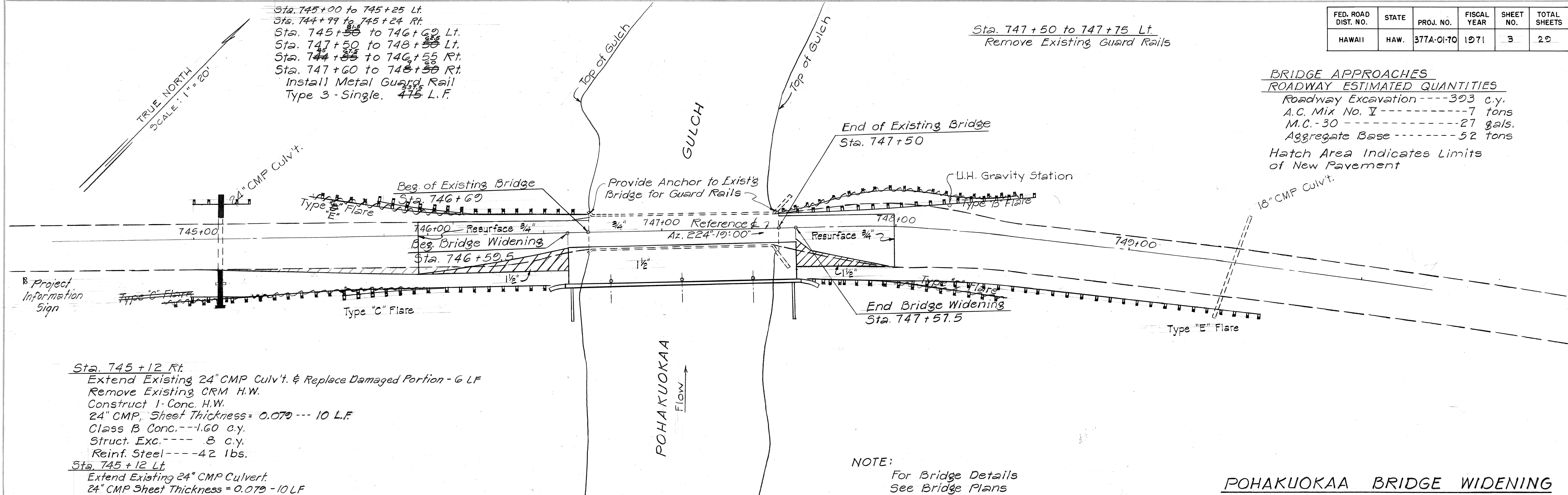


PLAN	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK	ALIGNMENT CHECKED	
	RT. OF WAY CHECKED	
NO.		

PROFILE	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD.	
NO.		

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	377A-01-70	1971	3	29



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	377A-01-70	1971	4	20

Sta. 788+58.5 to 789+26.1 Rt.
Sta. 790+53.2 to 791+22.1 Rt.
Install Metal Guard Rails. Type 3 Single
262.5 Lin. Ft.

175
Sta. 788+58.5 to 789+26.1 Lt.
Sta. 790+47.0 to 791+22.1 Lt.
Remove and dispose existing wooden guard rails and install Metal Guard Rails. Type 3 - Single, 400 Lin. Ft.

Bridge Approaches
Roadway Estimated Quantities
Roadway Excavation --- 300 c.y.
A.C. Mix No. V --- 6 Tons
MC - 30 --- 24 Gals.
Aggregate Base --- 40 Tons

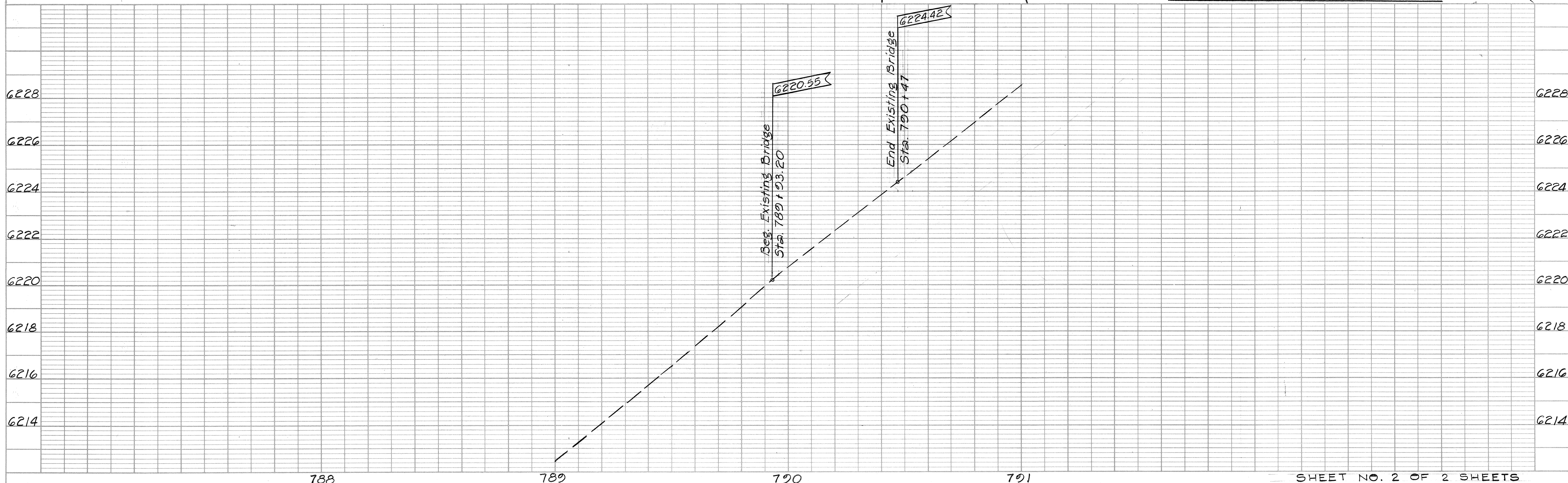
Hatch Areas Indicate Limits of New Pavement

Sta. 789+07
Extend Existing 24" CMP Culv't.
Remove Existing CRM H.W.
Const. 1- Conc. H.W.
18" 24" CMP, Sheet Thickness = 0.070 --- G.L.F.
Class B Conc. --- 1.60 c.y.
Struct. Exc. --- 5 c.y.
Reinf. Steel --- 42 lbs.

Sta. 791+22
Extend Existing 18" CMP Culv't.
Remove Existing CRM H.W.
Const. 1- Conc. H.W.
18" CMP, Sheet Thickness = 0.070 --- G.L.F.
Class B Conc. --- 1.17 c.y.
Struct. Exc. --- 4 c.y.
Reinf. Steel --- 33 lbs.

NOTE:
For Bridge Details
See Bridge Plans

WAIALE BRIDGE WIDENING



PLAN	SURVEYED	DATE
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NO.	ALIGNMENT CHECKED	
	RT. OF WAY CHECKED	

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NOTE BOOK	PLOTTED	BY
NO.	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD.	