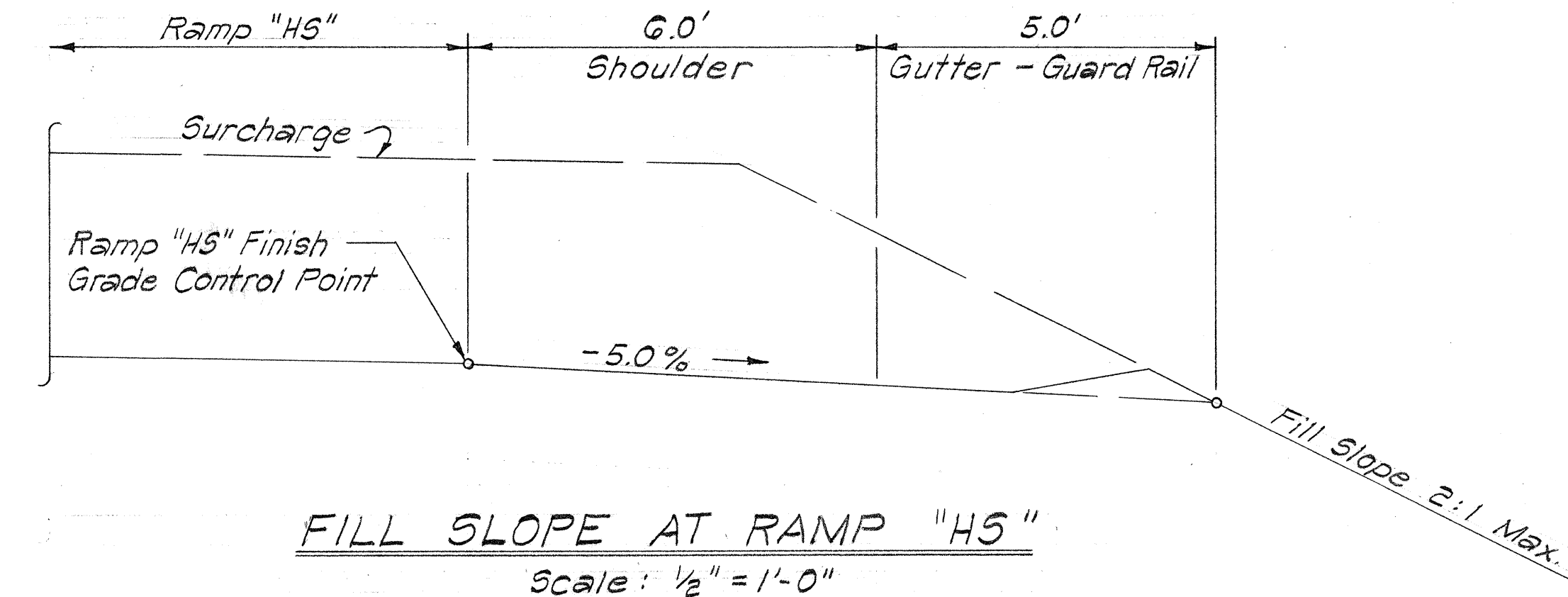
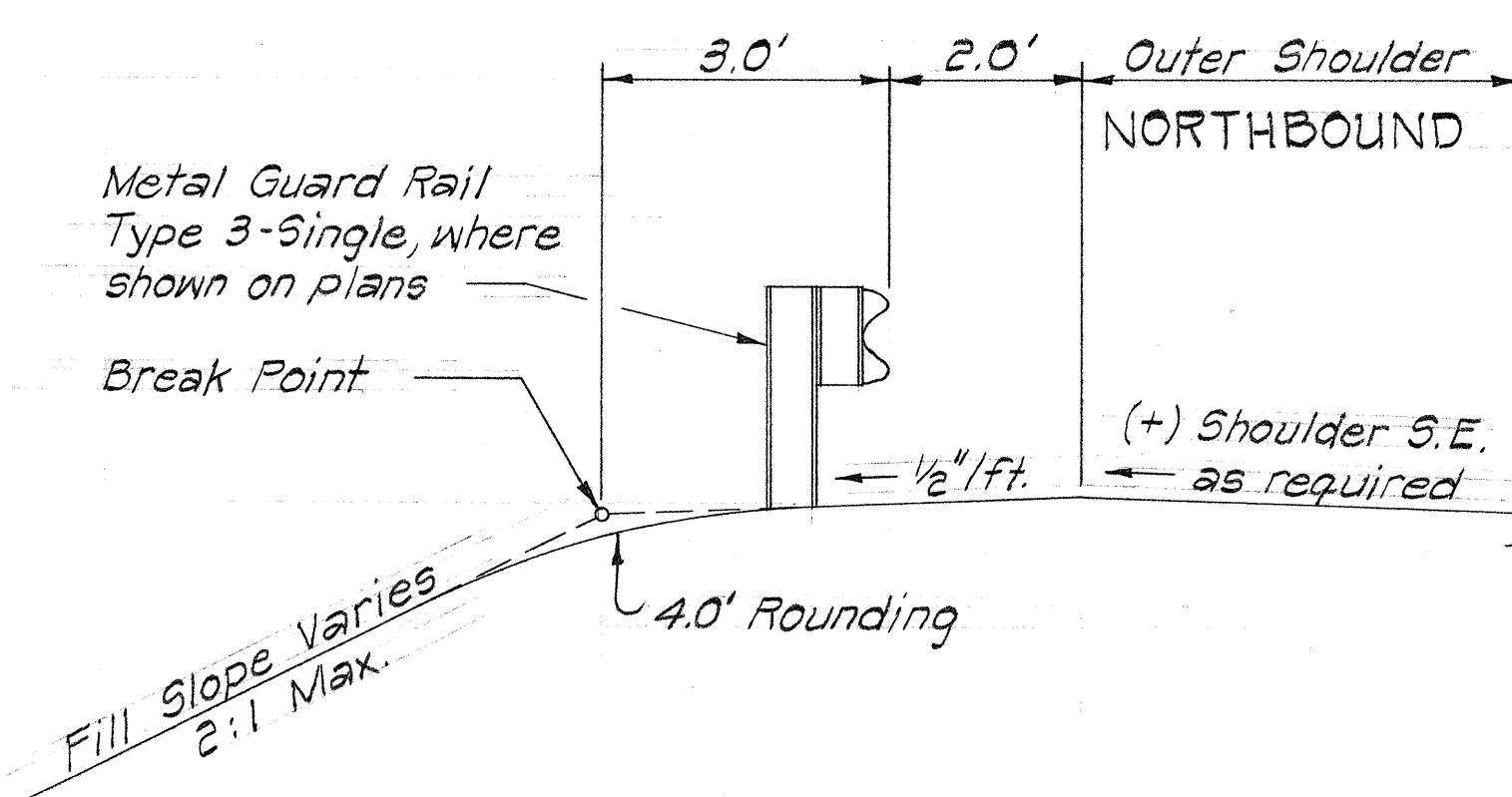
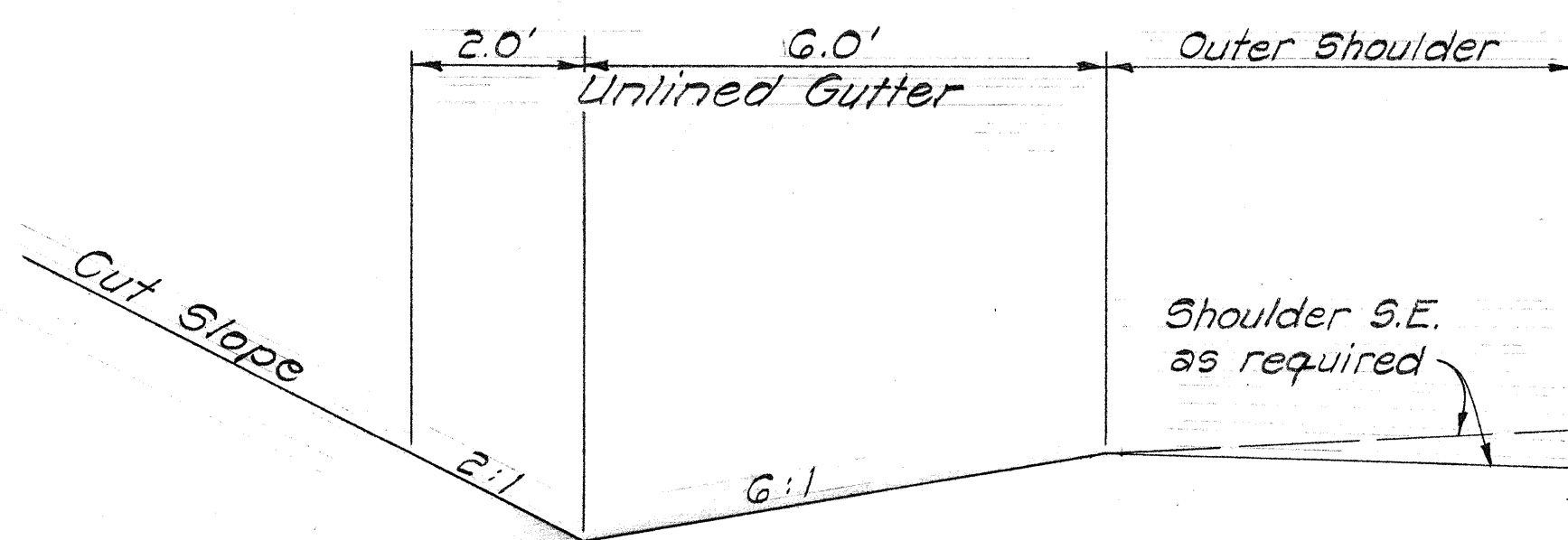
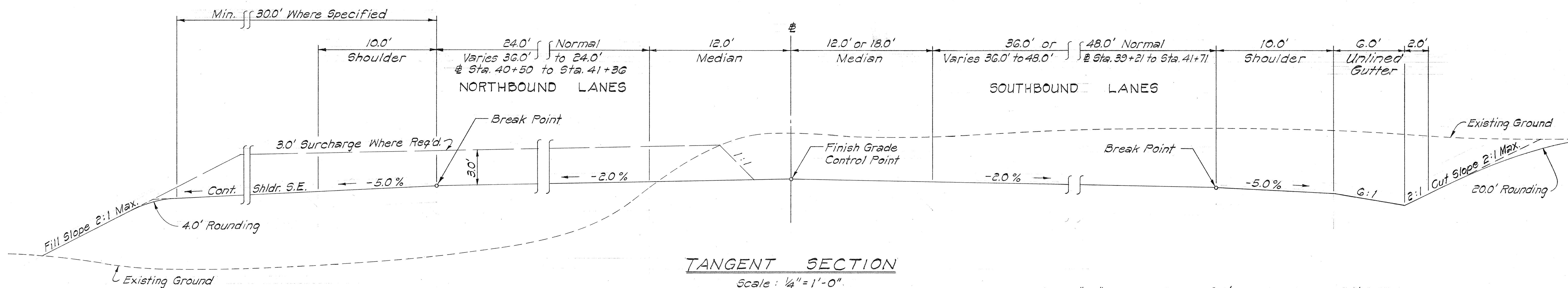
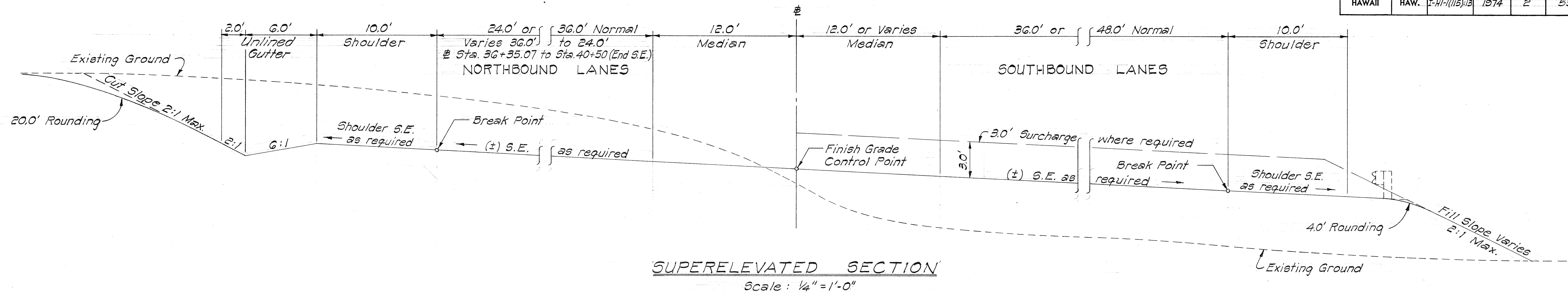


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(115)13	1974	2	53



DATE	_____
SURVEY PLOTTED BY	_____
DRAWN BY	_____
CHECKED BY	_____
NOTE BOOK	_____
QUANTITIES BY	_____
CHECKED BY	_____
No.	_____

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

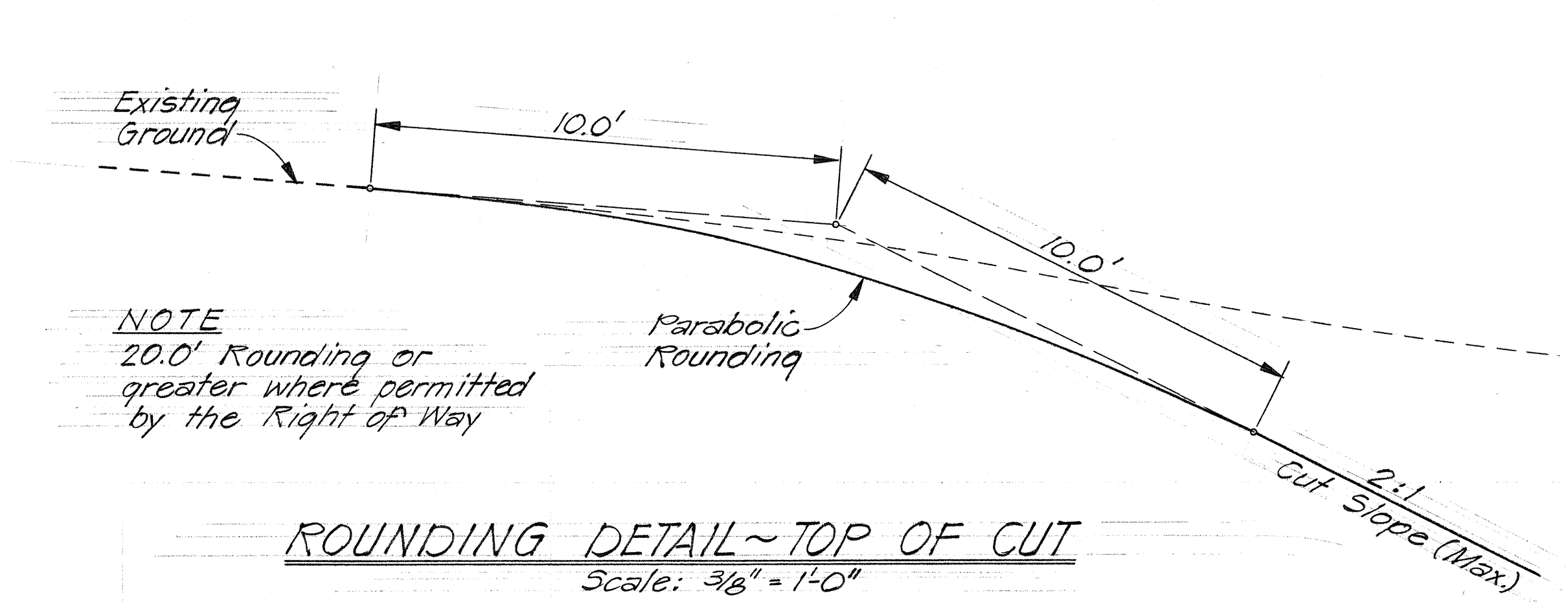
TYPICAL SECTIONS

INTERSTATE ROUTE H-1
Halawa Heights Road
F.A.I. Proj. No. I-HI-1(115)13

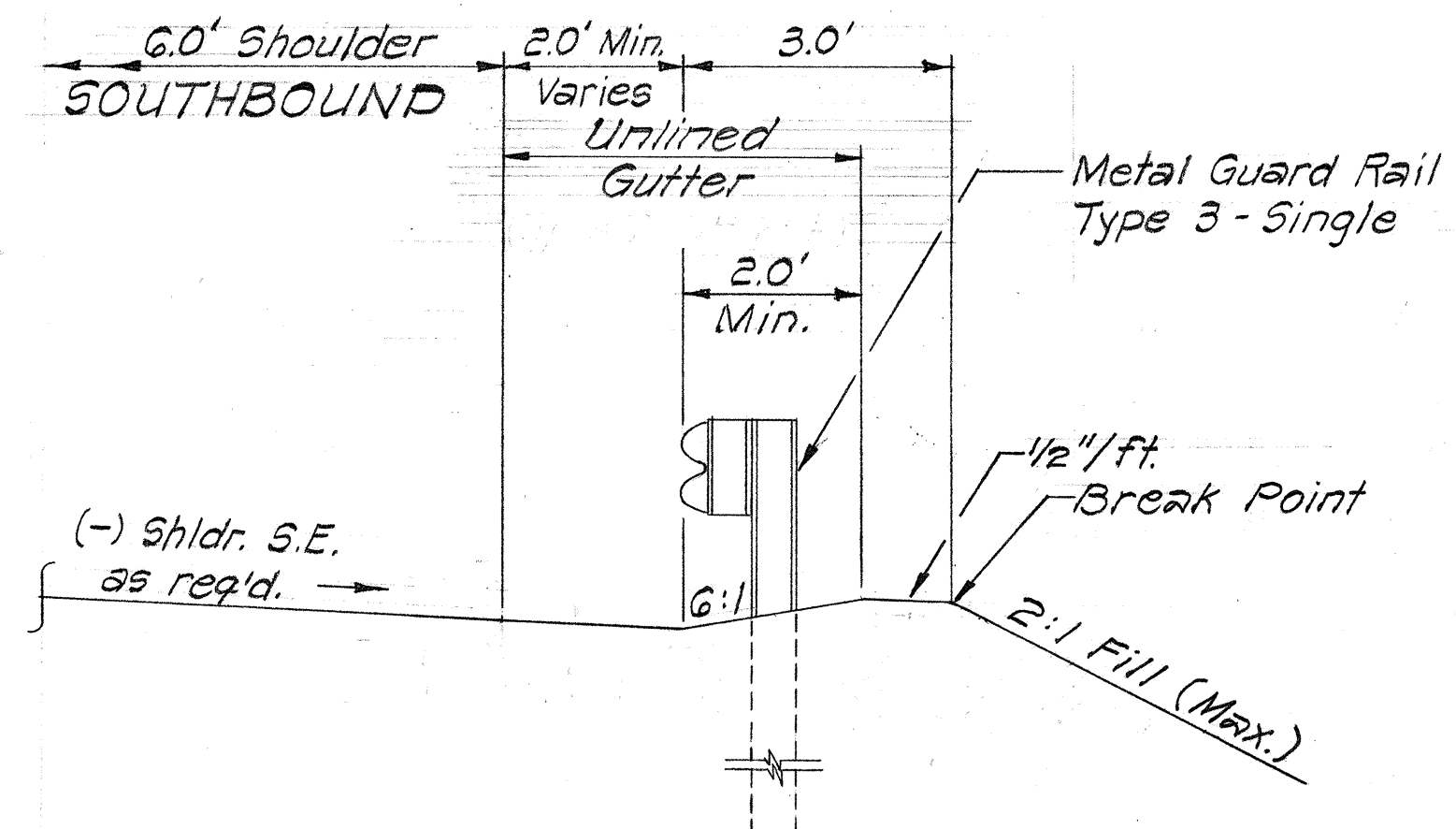
Scale: As Noted Date: Nov., 1973

SHEET No. 1 OF 2 SHEETS

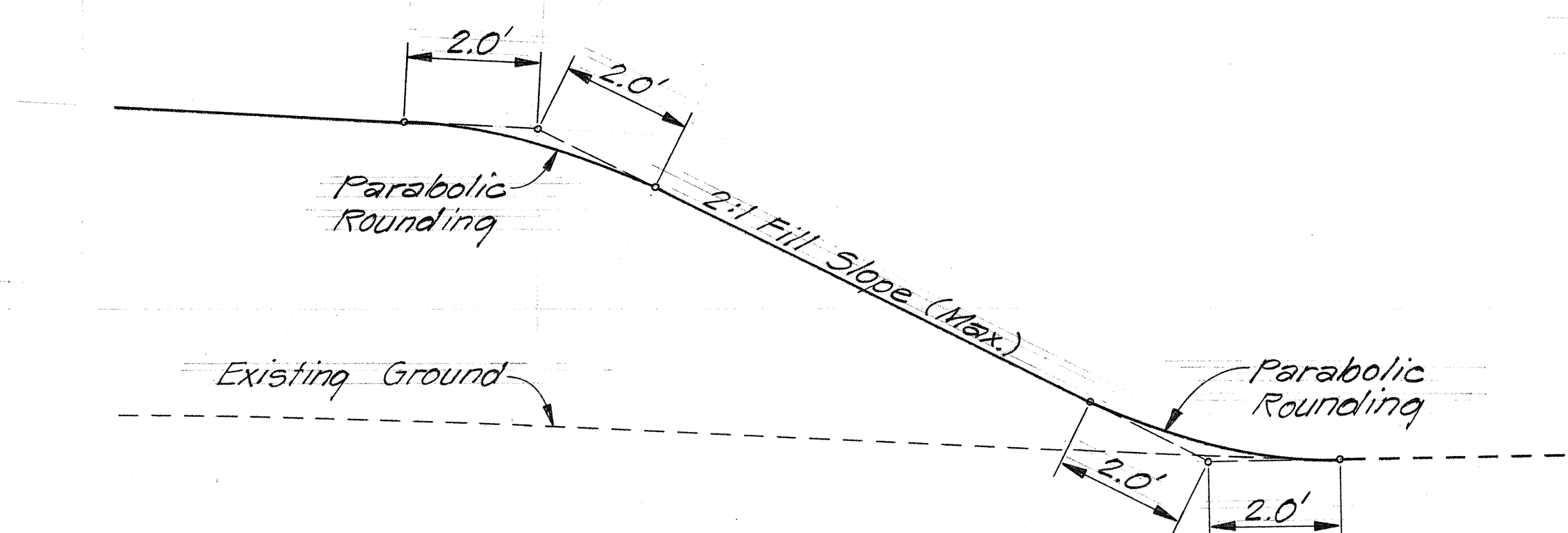
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(115)-13	1974	3	53



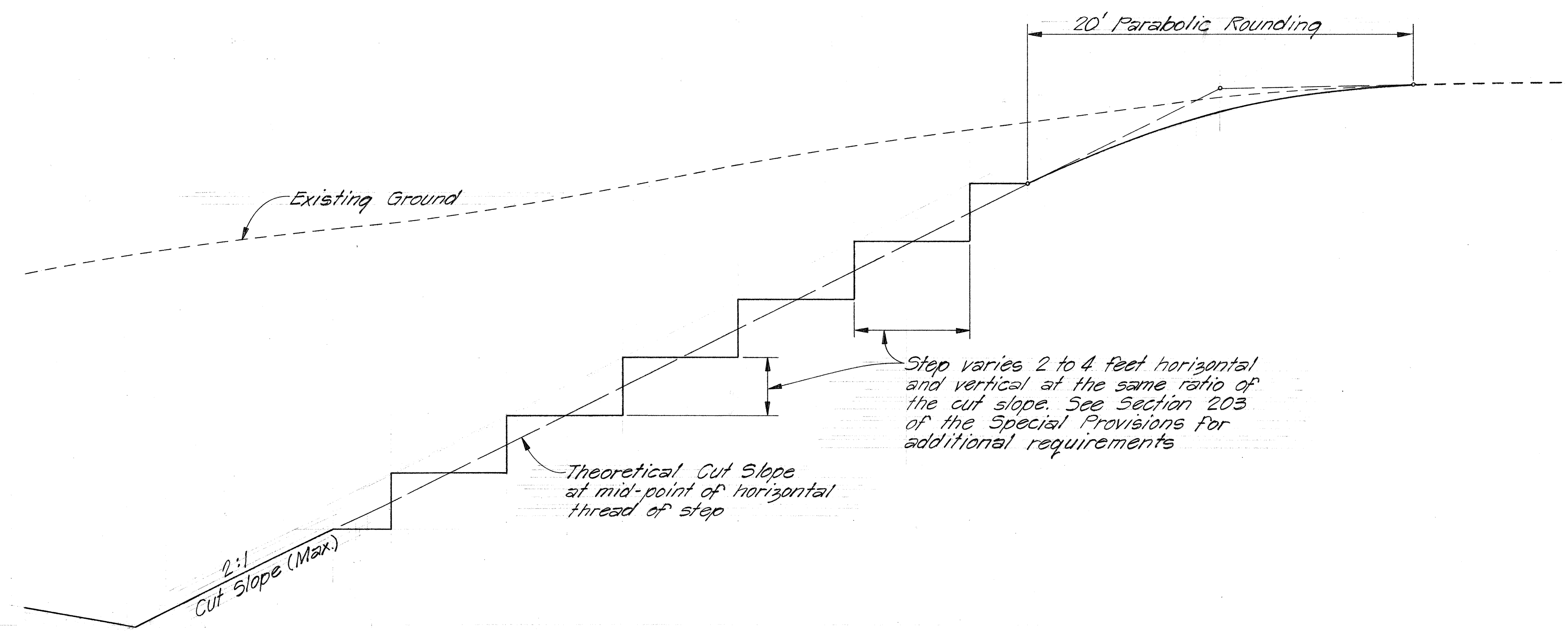
ROUNDING DETAIL~TOP OF CUT
Scale: 3/8" = 1'-0"



**SOUTHBOUND
FILL SLOPE WITH GUARD RAIL DETAIL**
Scale: 1/2" = 1'-0"



4.0' ROUNDING DETAIL
Scale: 1/2" = 1'-0"



SERRATED CUT SLOPE DETAIL
Scale: 1/4" = 1'-0"

GENERAL NOTES

- TYPICAL SECTIONS**
 - The limit of grading in cut sections shall be the finish grade as shown.
 - The limit of grading in fill sections shall be the finish grade as shown or with surcharge where shown on the plans.
- ROCK EXCAVATION**
 - When rock excavation is encountered in the field, the Engineer will determine the limit of grading.
 - Extra cut will be paid for under Contract Item No. 203.01, "Roadway Excavation."
 - Backfilling of cut section with fill material, as required, to prevent trench effect and to facilitate drainage shall be considered incidental to Roadway Excavation.
- COMPACTION**

The 95% compaction requirement for embankment construction shall apply only where gutters are to be constructed under this contract. All other embankment including surcharge shall be compacted to not less than 90 per cent relative compaction.
- ROUNDING**

Top and bottom of fill slopes shall be rounded.
- SELECT MATERIAL**
 - The tuff material shown on the boring logs (see sht. no. 10) or as declared by the Engineer is classified as "Selected Material" (Sub-section 203.02 (A)(3) of the Standard Specifications).
 - The select material (tuff) shall be used for finishing the top one (1) foot of the graded roadbed of the fill sections, for all surcharge and for the temporary roadway shoulders.
 - The excess select material shall be placed on top of the surcharge, the location and quantity of which shall be determined by the Engineer.

SURVEY PLATTED BY	DATE
DRAWN BY	
TRACED BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS &
GENERAL NOTES
INTERSTATE ROUTE H-1
Halawa Heights Road
F.A.I. Proj. No. I-HI-1(115)-13
Scale: As Shown Date: Nov. 1973
SHEET No. 2 OF 2 SHEETS