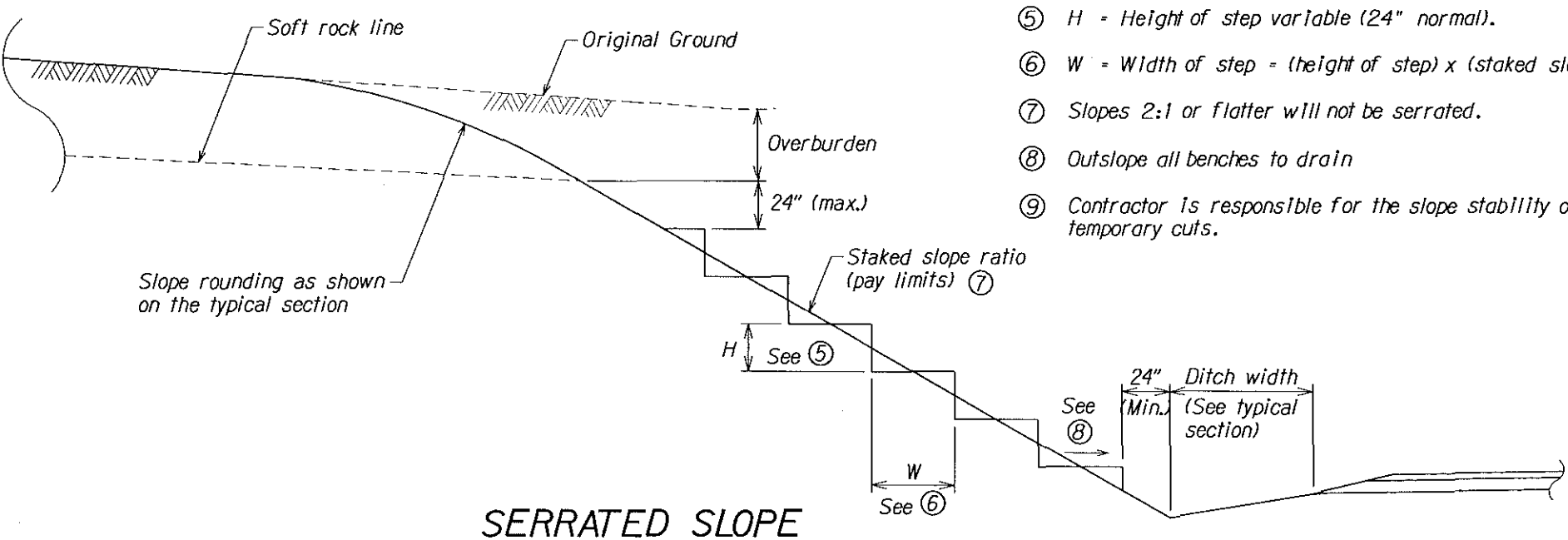


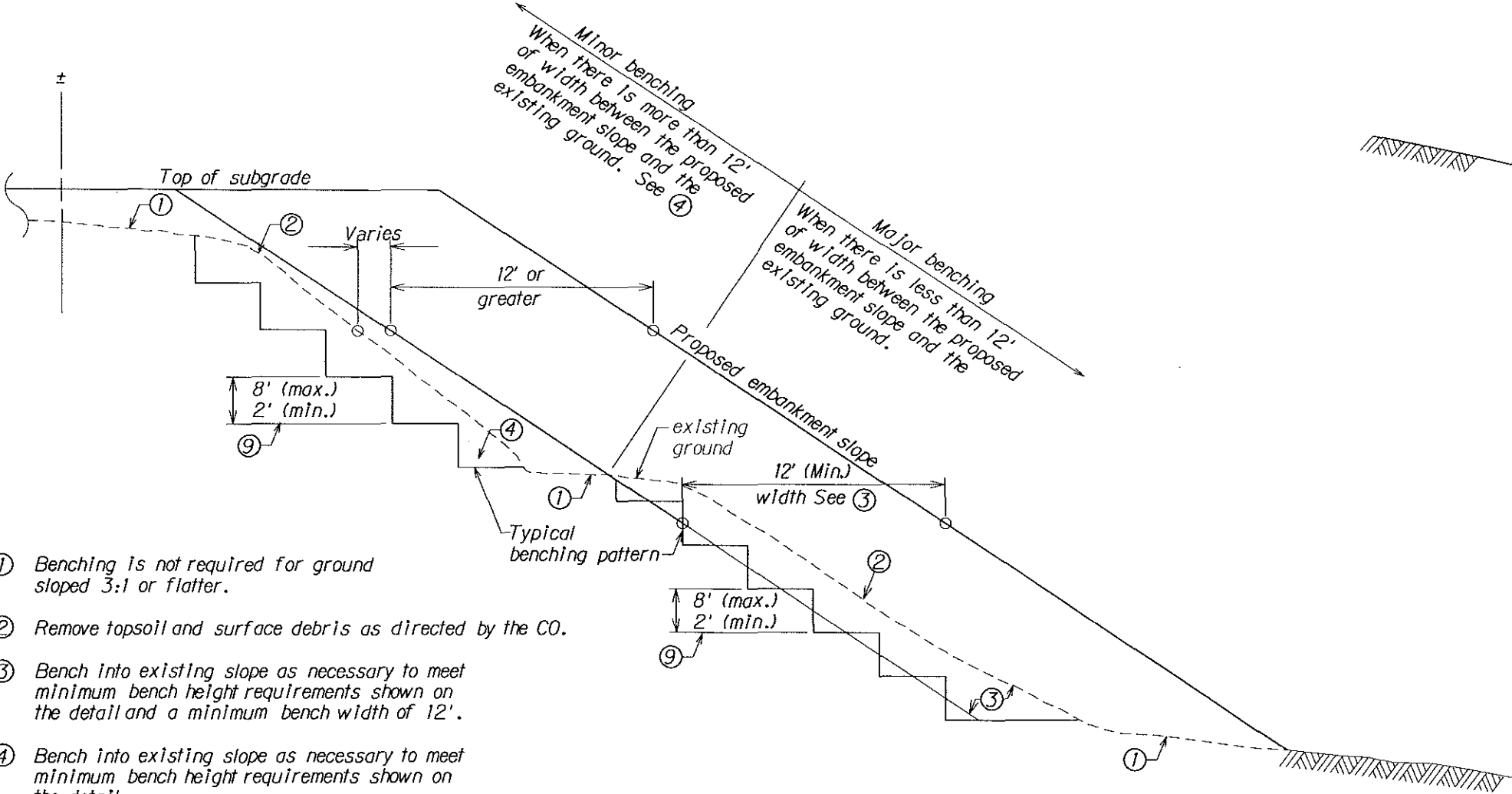
STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI A-AD/STP 6(3) # 200(1)	G1	G2



SERRATED SLOPE

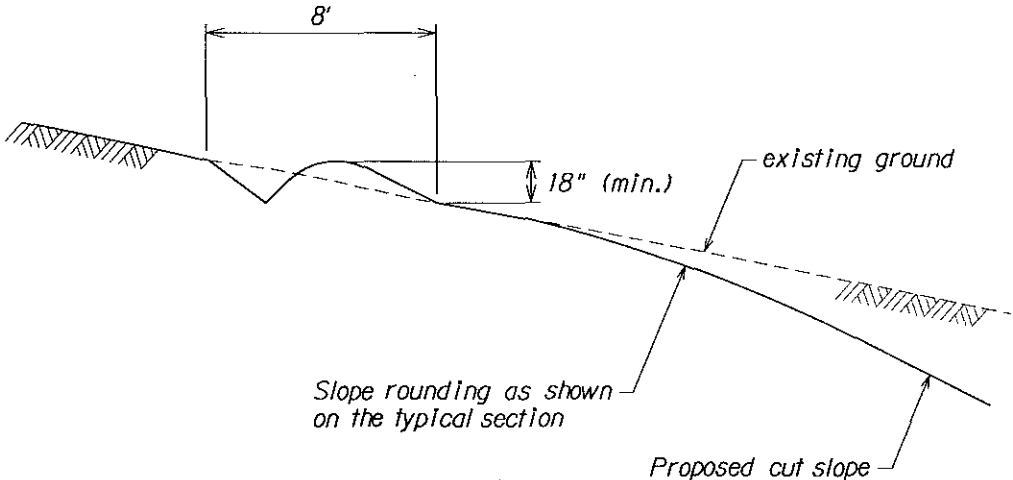
- ⑤ H = Height of step variable (24" normal).
- ⑥ W = Width of step = (height of step) x (staked slope ratio).
- ⑦ Slopes 2:1 or flatter will not be serrated.
- ⑧ Outslope all benches to drain
- ⑨ Contractor is responsible for the slope stability of temporary cuts.

- GENERAL NOTES:
- Furrow ditches may be used at locations other than at the top of cuts, but will be of the same general shape and dimensions.
  - Embankment benching will not be measured for payment.
  - Slope serrating will not be measured for payment.



- ① Benching is not required for ground sloped 3:1 or flatter.
- ② Remove topsoil and surface debris as directed by the CO.
- ③ Bench into existing slope as necessary to meet minimum bench height requirements shown on the detail and a minimum bench width of 12'.
- ④ Bench into existing slope as necessary to meet minimum bench height requirements shown on the detail.

EMBANKMENT BENCHING



FURROW DITCH

BRUCE K. MEYERS  
Licensed Professional Engineer  
No. 8336-C  
HAWAII, U.S.A.

The work was prepared by me or under my supervision and construction of this project will be under my observation.  
Expiration Date of License 4/06

U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION  
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

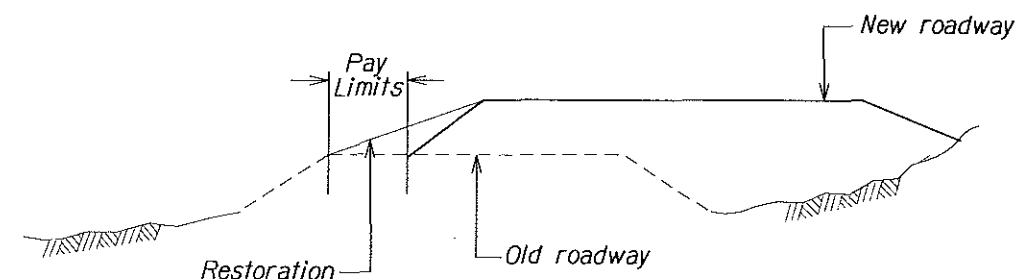
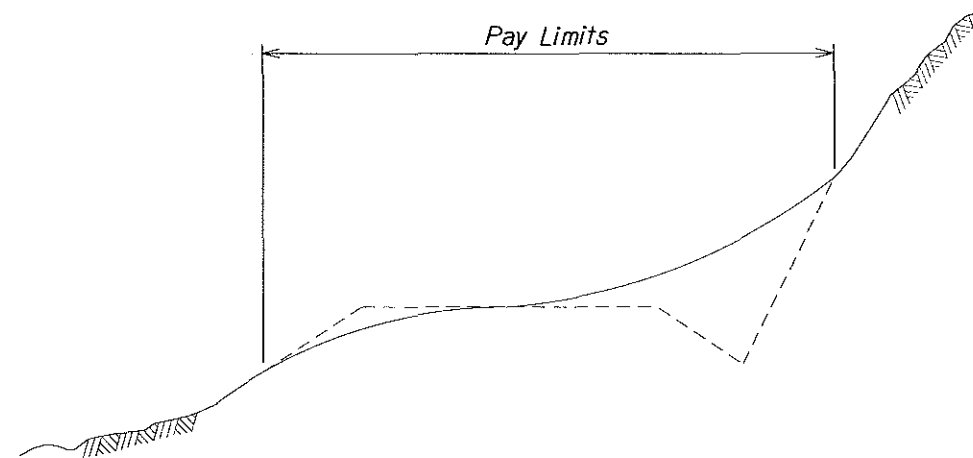
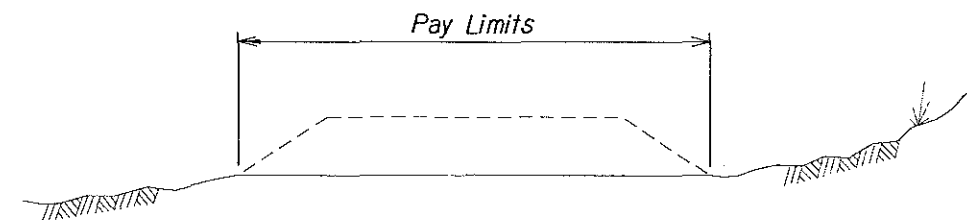
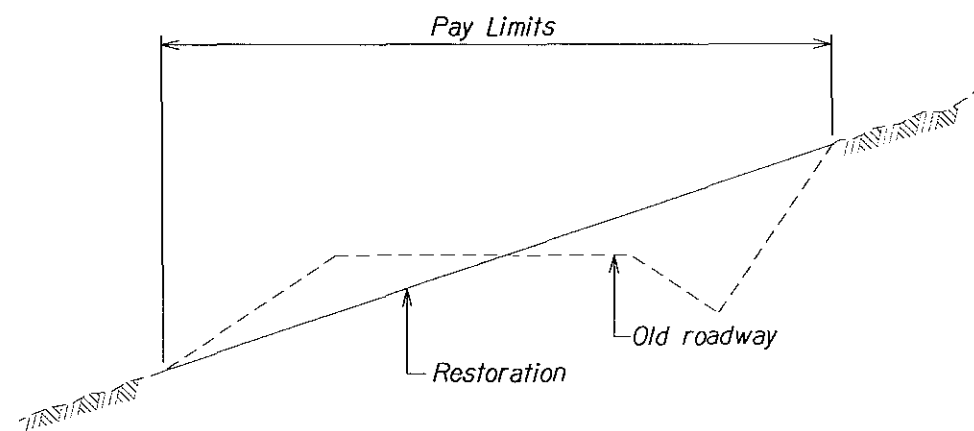
**DETAIL C204-50  
EMBANKMENT BENCHING,  
SERRATED SLOPE, AND  
FURROW DITCH**

Scale: N/A Date: December 5, 2005

SHEET No. 1 OF 1

Mr./Mproj/Lennier/205009/sheets/stt001.dgn

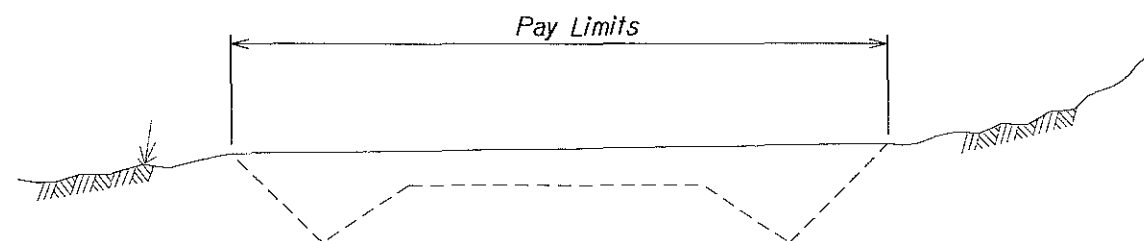
STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI A-AD/STP 6(3) # 200X11	G2	G2

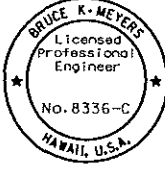


Restoration in this and similar cases will not be measured for payment under item 21101 if the slope stake is modified to encompass the restored area.

**NOTE:**

1. Scarify or remove old roadway surface structure before placement of any material as noted in the plans.
2. Roadway obliteration to be paid for under contract items 20401, 21101, and 62404N when applicable.



 <p>The work was prepared by me or under my supervision and construction of this project will be under my observation. Expiration Date of License N/A</p>	U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION CENTRAL FEDERAL LANDS HIGHWAY DIVISION	
	<b>SPECIAL C211-1</b> <b>ROADWAY</b> <b>OBLITERATION DETAILS</b>	
	Scale: N/A	Date: December 5, 2005
	SHEET No. 1 OF 1	