



LEGEND:

W = OVERBURDEN BENCH WIDTH

H = ROCK SLOPE HEIGHT

D = CATCHMENT DITCH DEPTH  
(MEASURED VERTICALLY FROM  
THE BASE OF TOE TO TOP SURFACE  
OF THE PAVEMENT)

NOTES:

- (1) SEE GEOTECHNICAL REPORT FOR ALLOWABLE OVERBURDEN CUT SLOPE RECOMMENDATIONS.
- (2) OVERBURDEN BENCH TO BE A MINIMUM OF 10 FEET WIDE FOR ALL ROCK CUT HEIGHTS OR AS SPECIFIED IN GEOTECHNICAL REPORT.
- (3) NO INTERMEDIATE BENCHES IN THE FINAL CONDITION.
- (4) FOR LONG CUT SLOPES WHERE A PREDOMINANT CUT HEIGHT EXISTS FOR SEVERAL STATIONS, UTILIZE THE CATCHMENT WIDTH AREA FOR THAT GIVEN CUT HEIGHT. TRANSITION TO VARIOUS CATCHMENT WIDTHS PER 100 FOOT STATION INTERVAL.
- (5) THE EXTENSION OF THE DESIGN SLOPE IN THE FIELD IS PERMISSIBLE WITHIN THE LIMITS SHOWN (2' SHELF ON TOP OF THE ROCK) WHEN THE HEIGHT OF THE ROCK IN THE FIELD IS LESS THAN THAT SHOWN ON THE CONSTRUCTION PLANS.
- (6) ONLY ROCK ACTUALLY REMOVED IS PAYABLE. NO PAYMENT WILL BE MADE BEYOND THE ROCK PAYMENT LINE.

\*\* OVERBURDEN BENCH MINIMUM WIDTH REDUCTION TO 4 FEET MINIMUM WHERE THE OVERBURDEN ZONE IS LESS THAN 10 FEET THICK IS PERMISSIBLE.

\*\* OVERBURDEN BENCH MINIMUM WIDTH REDUCTION TO 4 FEET MINIMUM WHERE SPACE TO MAKE TRANSVERSE ADJUSTMENTS TO A DRILL AND CUT LINE IN CONSTRUCTION, IN ORDER TO MAINTAIN THE PLAN CUT SLOPE ANGLE AND OFFSETS ARE NOT NECESSARY, IS PERMISSIBLE.