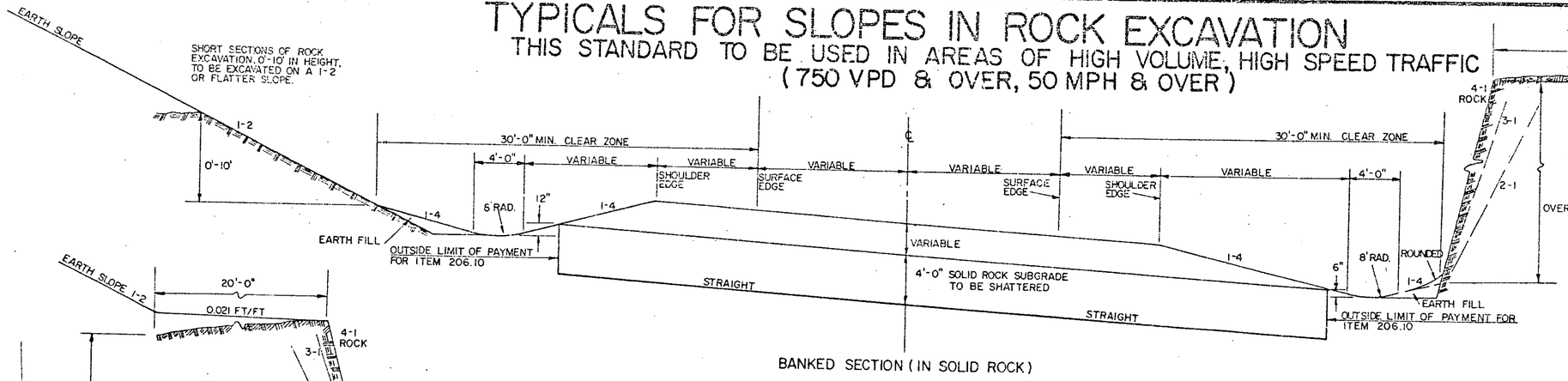
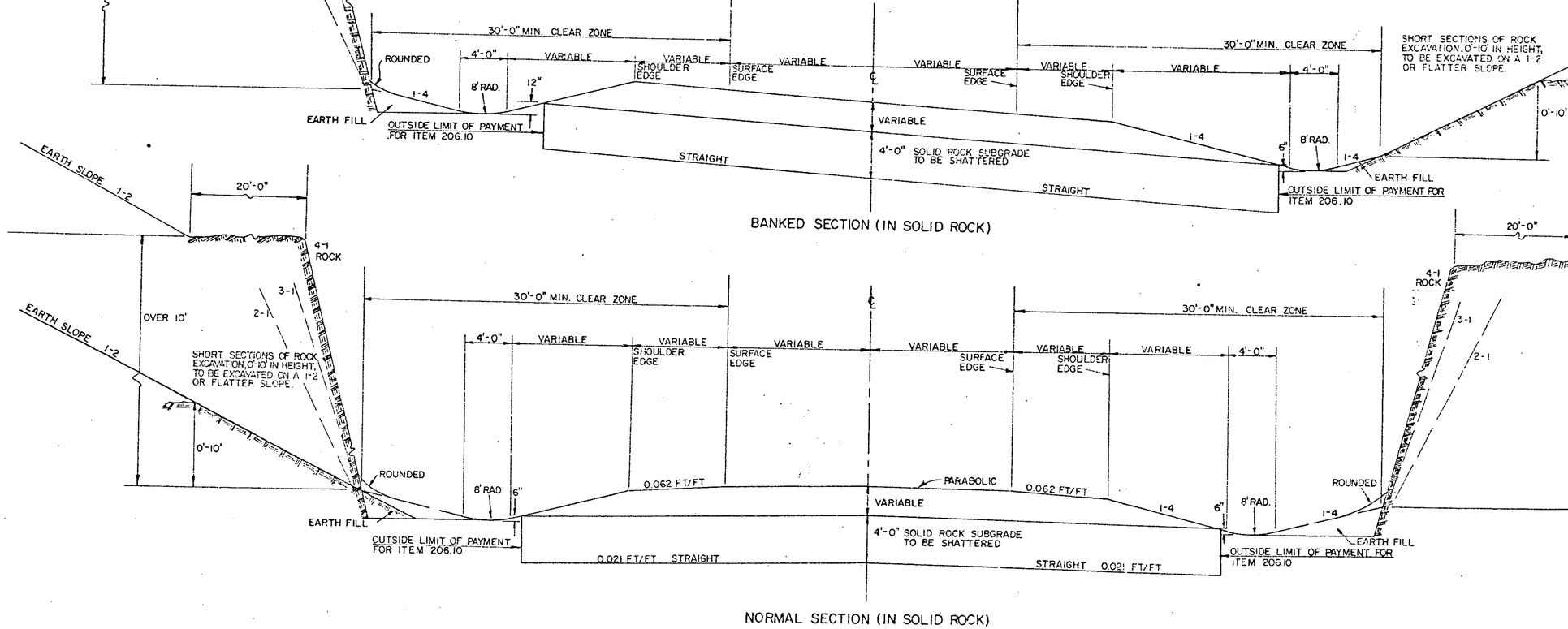
# TYPICALS FOR SLOPES IN ROCK EXCAVATION

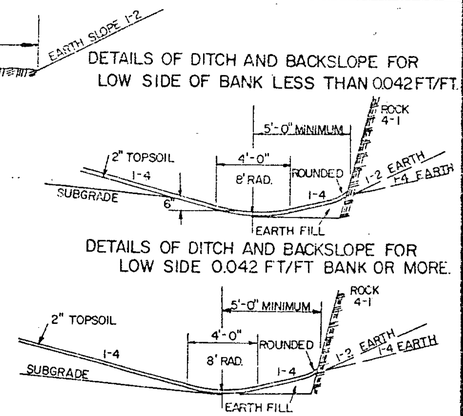
## THIS STANDARD TO BE USED IN AREAS OF HIGH VOLUME, HIGH SPEED TRAFFIC (750 VPD & OVER, 50 MPH & OVER)




BANKED SECTION (IN SOLID ROCK)




NORMAL SECTION (IN SOLID ROCK)




THE CONTRACTOR SHOULD USE CARE IN BLASTING SOLID ROCK, SO THAT NO OVERHANGING LEDGE WILL RESULT. ANY OVERHANGING LEDGE, OUTSIDE THE NEAT LINE, SHALL BE REMOVED AT THE CONTRACTORS EXPENSE.

FOR ROADWAY DETAILS INSIDE BACK OF DITCH, SEE STANDARD TYPICAL FOR PARTICULAR CLASS OF ROADWAY INVOLVED.

TEST TRENCHES WILL BE EXCAVATED AS ORDERED BY THE ENGINEER TO ASSURE REQUIRED RESULTS ARE BEING OBTAINED ACCORDING TO SECTION 206 TEST TRENCHES TO BE PAID AS TRENCH EXCAVATION OF EARTH, ITEM 204.20.

NORMALLY THE DISTANCE BETWEEN THE EDGE OF SURFACE AND THE FACE OF SOLID ROCK WILL NOT BE LESS THAN 30 FEET.

ACCELERATION AND DECELERATION LANES IN SOLID ROCK EXCAVATION TO BE CONSTRUCTED WITH A MINIMUM 4'-0" RECOVERY AREA (EARTH FILL IN BACK OF DITCH) TO FEASIBLE LOCATION OF LESS THAN 50 MPH DESIGN.

TRUCK LANES IN SOLID ROCK EXCAVATION ON PROJECTS OF 50 MPH AND OVER ARE TO BE CONSTRUCTED WITH A MINIMUM 4'-0" RECOVERY AREA.

SELECTION OF APPROPRIATE ROCK SLOPE TO BE DETERMINED FOR EACH ROCK EXCAVATION LOCATION.

REVISIONS AND CORRECTIONS

APRIL 20, 1973 BENCHES REMOVED AND VARIABLE SLOPES ADDED.

AUGUST 31, 1981 CHANGED CRITERION FOR USE OF STANDARD TO INCLUDE HIGH VOLUME CONDITION.

APPROVED: DATE Dec. 6, 1971

R. N. Arnold
CHIEF ENGINEER

E. H. Dickney
ASST. CHIEF ENGINEER

G. M. Lane
HIGHWAY ENGINEER

# STANDARD TYPICAL FOR SLOPES IN SOLID ROCK EXCAVATION DRILLING AND BLASTING OF SOLID ROCK SUBGRADE

VERMONT AGENCY OF TRANSPORTATION

STANDARD A-60