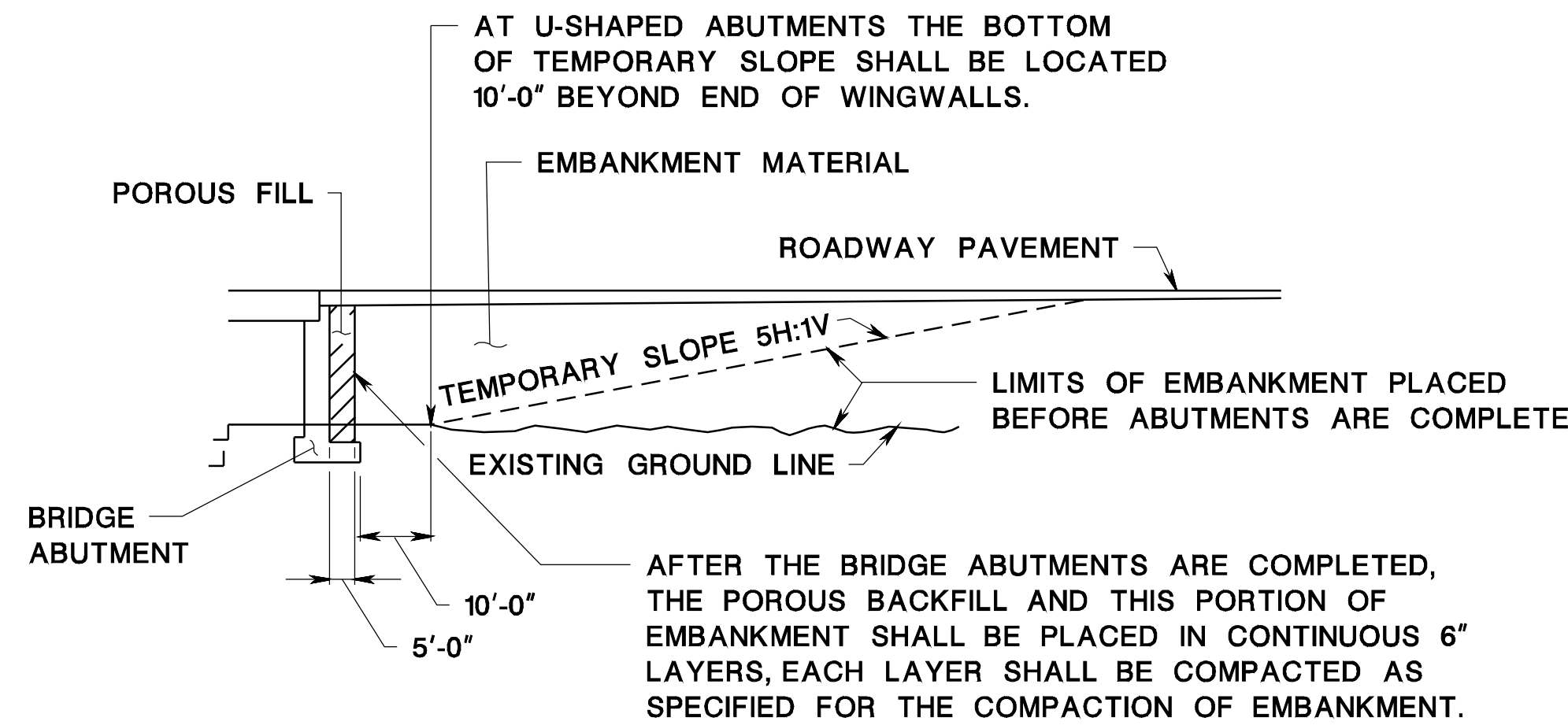
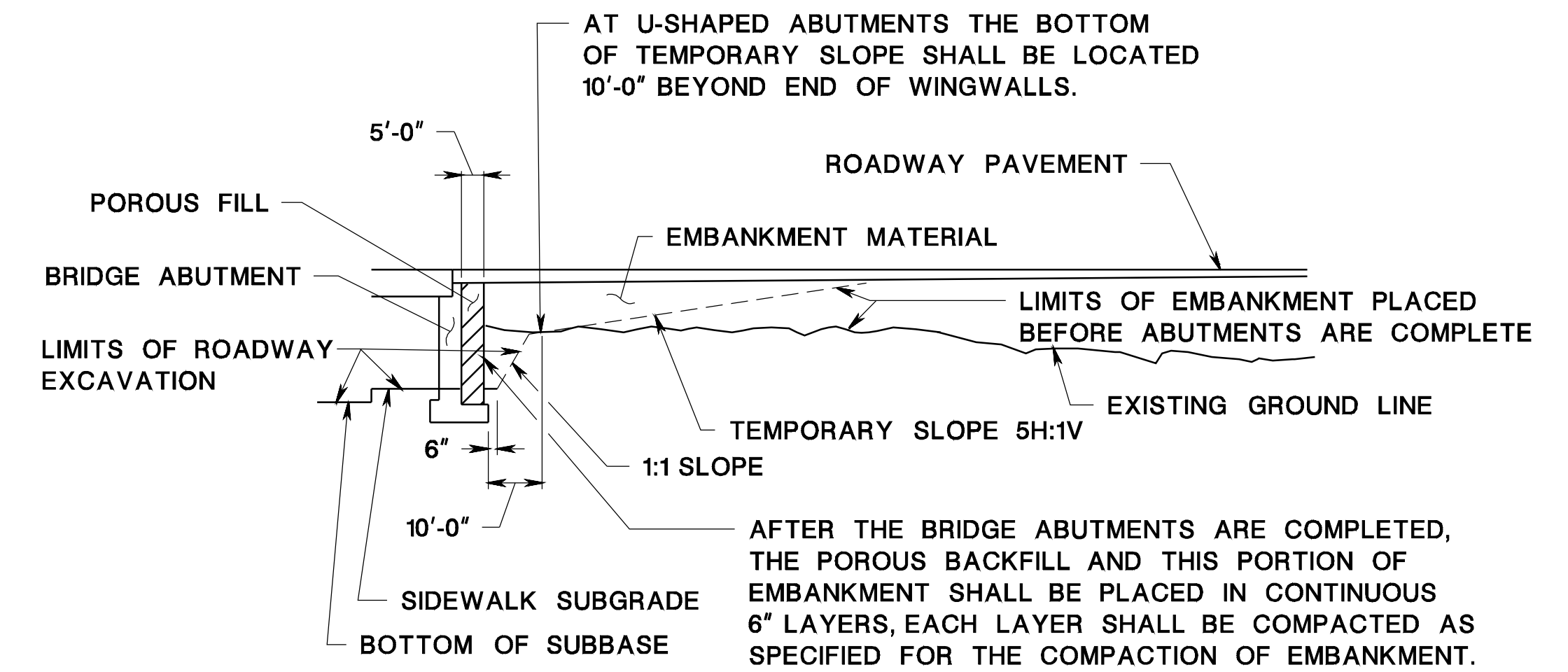


BENCHING DETAIL

CD-203-1.1



**METHOD A
OVERPASS ROADWAY COMPLETELY IN FILL**



**METHOD B
OVERPASS ROADWAY PARTLY IN FILL**

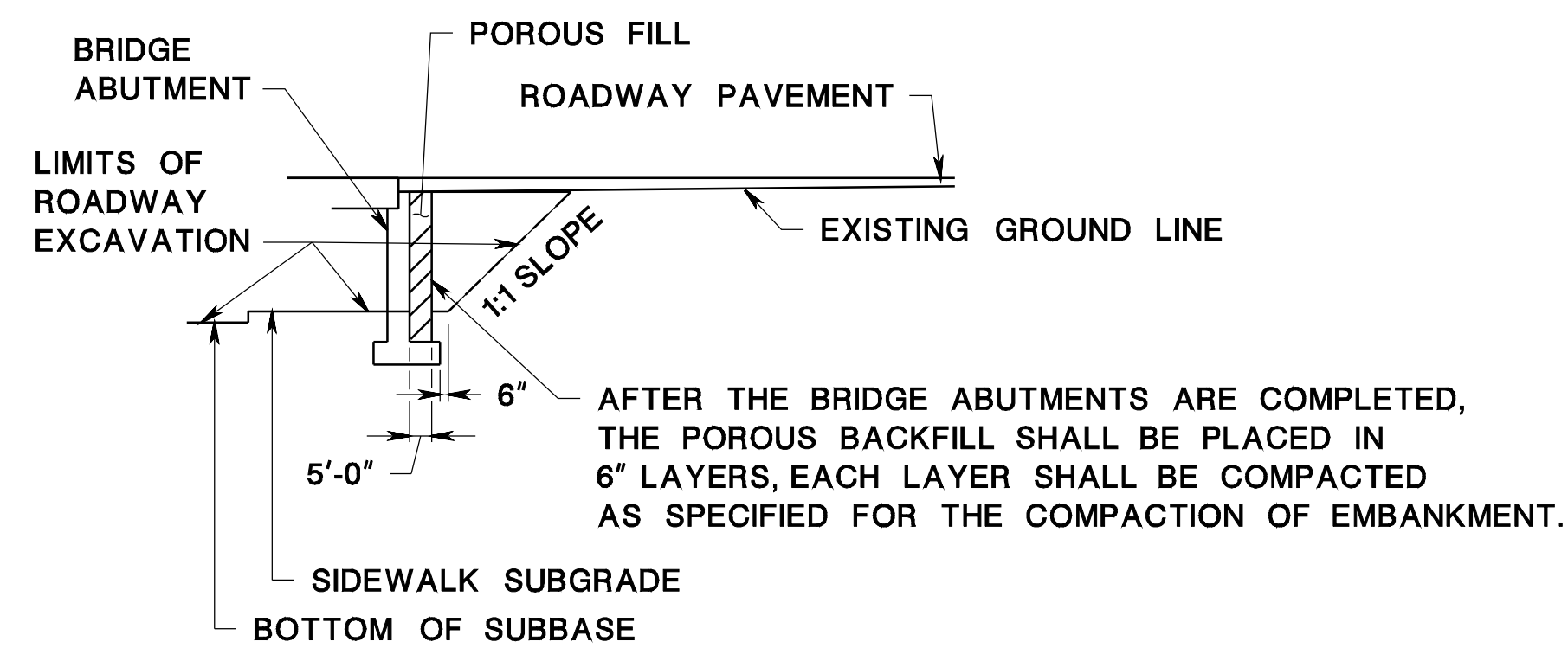
NOTES:

AT U-SHAPED WINGWALLS THE METHODS OF PLACING AND COMPACTING EMBANKMENT AND POROUS BACKFILL AS SHOWN SHALL APPLY. FOR U-SHAPED WINGWALLS EXCAVATION BELOW THE BOTTOM LIMITS OF ROADWAY EXCAVATION SHOWN ON THESE SECTIONS SHALL BE PAID FOR AS BRIDGE FOUNDATION EXCAVATION. POROUS BACKFILL SHALL BE PLACED BETWEEN THE BACKFACES OF U-SHAPED WINGWALLS AND VERTICAL PLANES AS SHOWN FOR ABUTMENTS.

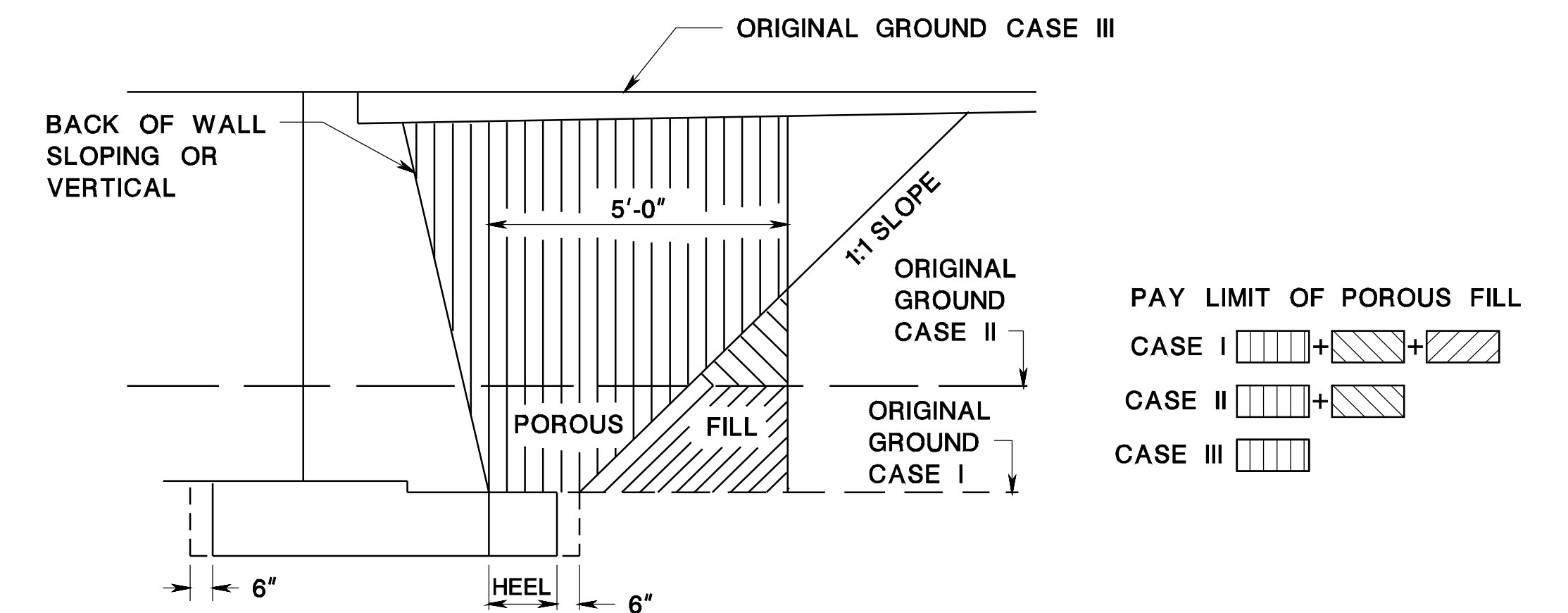
BRIDGE FOUNDATION EXCAVATION. POROUS BACKFILL SHALL BE PLACED BETWEEN THE BACKFACES OF U-SHAPED WINGWALLS AND VERTICAL PLANES AS SHOWN FOR ABUTMENTS.

AT HIGHWAY BRIDGES OVERPASSING RAILROADS AND STREAMS, THE LIMITS AND METHODS OF PLACING AND COMPACTING EMBANKMENTS AS SHOWN SHALL APPLY. WHERE POROUS BACKFILL IS CALLED FOR THE LIMITS AND METHODS OF PLACING AND COMPACTING IT AS SHOWN SHALL ALSO APPLY.

THE LIMITS SHOWN FOR ROADWAY EXCAVATION DO NOT APPLY TO RAILROAD AND STREAM BRIDGES UNLESS SPECIFICALLY PROVIDED ELSEWHERE IN THE CONTRACT. THESE SECTIONS AND REQUIREMENTS DO NOT APPLY TO ARCH BRIDGES.



**METHOD C
OVERPASS ROADWAY AT EXISTING GRADE**



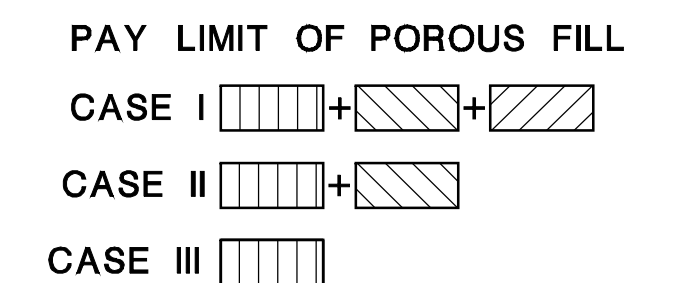
**METHOD D
WHEN HEEL IS LESS THAN 4' - 6"**

NOTE:

LIMITS OF ROADWAY EXCAVATION AND METHODS OF PLACING EMBANKMENT, OTHER THAN POROUS FILL, SHALL BE AS SHOWN IN METHODS A, B, OR C, WHICHEVER IS APPLICABLE.

**POROUS FILL
AND EMBANKMENT**

N.T.S.



**LIMITS AND METHODS OF PLACING EMBANKMENT AND POROUS BACKFILL
AND LIMITS OF ROADWAY EXCAVATION ADJACENT TO BRIDGE ABUTMENTS**

CD-203-1.2

NEW JERSEY DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

CD-203-1