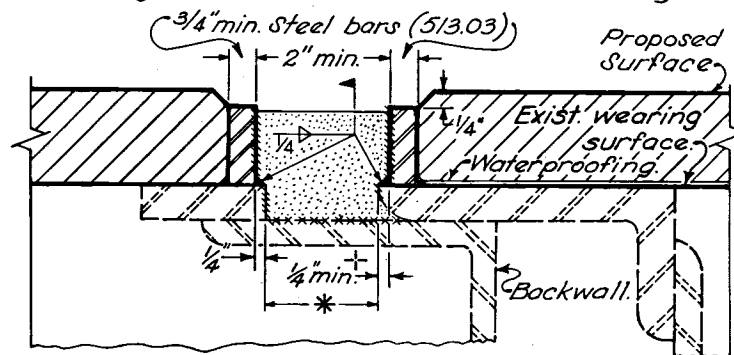


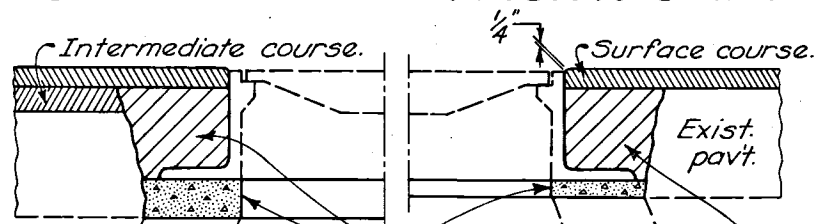
- + Increase as necessary to maintain 2" min. opening.
 * Vertical extension of joints found to be closed to 1/2" or less may be non-performed as directed by the Engineer.



As a part of item 516, seal joint with a hot-applied bridge deck waterproofing material which also meets the requirements of 705.01. Sandblast vertical surfaces (1) and wipe clean. Seal joint before rust forms. If rust forms, re-sandblast. Use bond breaker on the horizontal surface (*****).

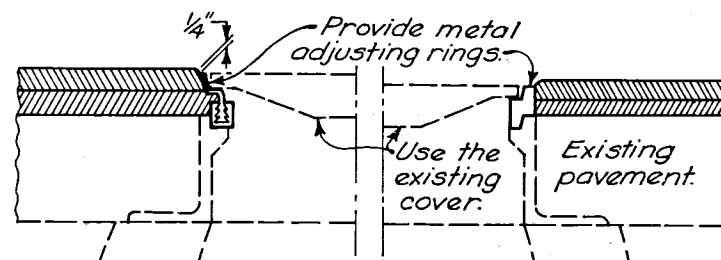
MAINTENANCE OF TRAFFIC: Generally the bars shall be welded while the lane is closed for waterproofing or resurfacing. However, if traffic is routed over the bars before resurfacing, temporary ramps shall be constructed to the tops of the bars using 402 or 404 feathering at a max. slope of 6 ft/in. The ramps shall be removed prior to resurfacing. Payment for placing and removing the ramps shall be included in the lump sum bid for item 614.

VERTICAL EXTENSION OF STRUCTURAL EXPANSION JOINTS



Grade rings, bricks, Class C concrete or mortar. Max. mortar thickness 1 1/2".
 Class C concrete or 3" layers of compacted asphalt concrete.

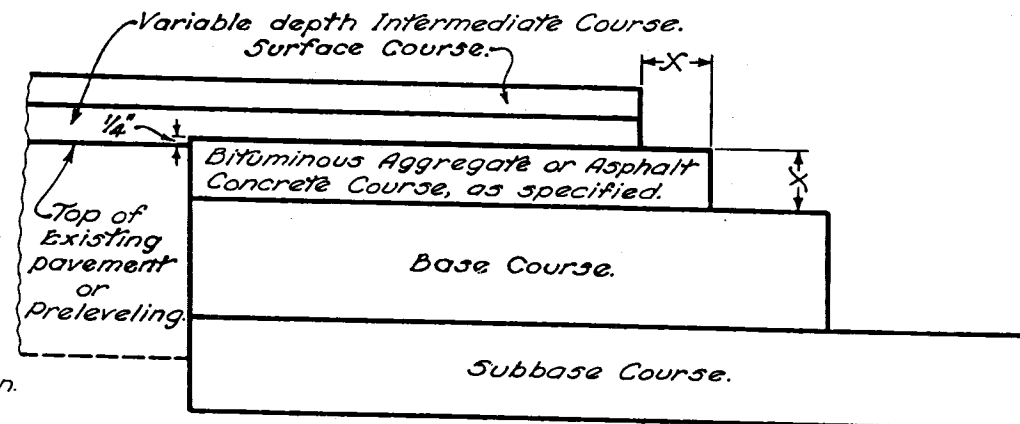
USING CONCRETE OR MORTAR



The metal adjusting rings shall be equal to the Series R-1979 by the Neenah Foundry Co. or the models LS, LB, SB, NB or MB by the National Utility Products Co. or an approved equal. Adjustment range 1" to 4 3/8".

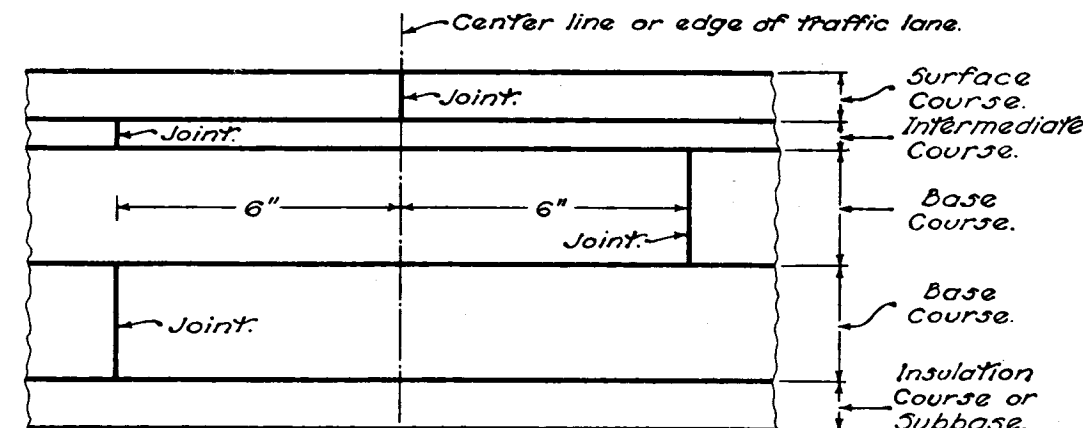
USING METAL ADJUSTING RINGS MANHOLES ADJUSTED TO GRADE

RESURFACING

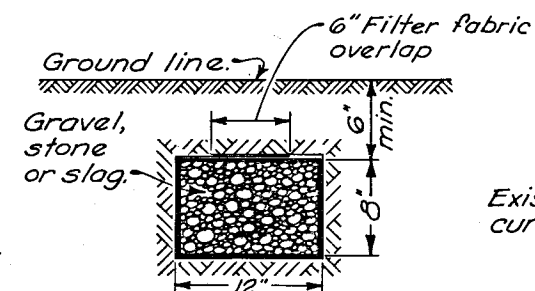


The Bituminous Aggregate in the upper part of the base widening shall finish approximately 1/4" above the edge of the existing pavement where no preleveling is used. Where a preleveling (using intermediate course material) is specified, it shall be placed prior to excavation of the widening trench and the upper course of the base widening shall finish approximately 1/4" above the preleveling.

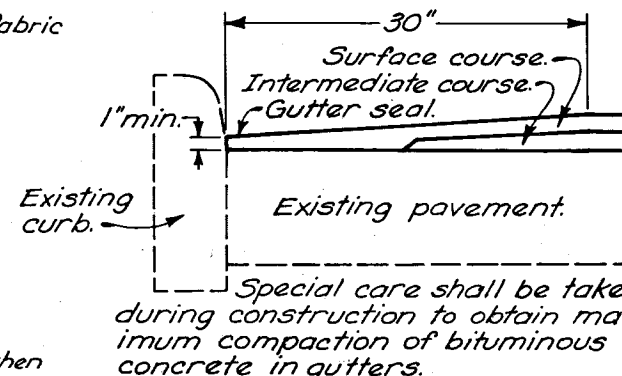
COURSE DETAIL FOR WIDENING



LAPPING LONGITUDINAL JOINTS

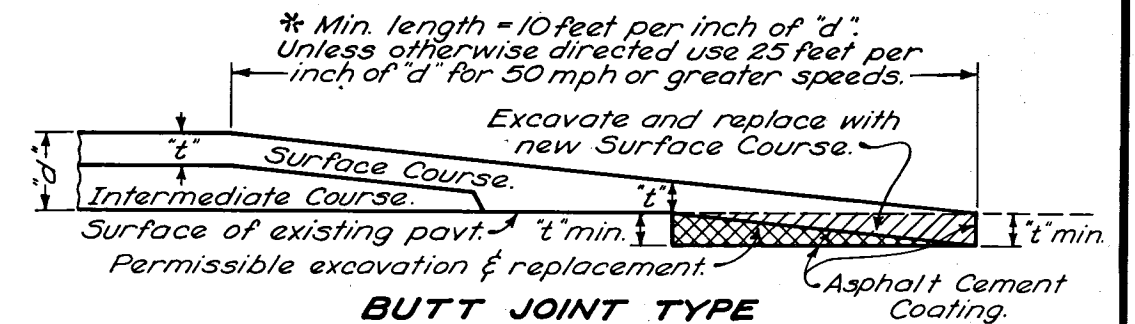


Aggregate drains to be placed where and as directed by Engineer. Provide filter fabric when specified as a separate pay item.
AGGREGATE DRAIN

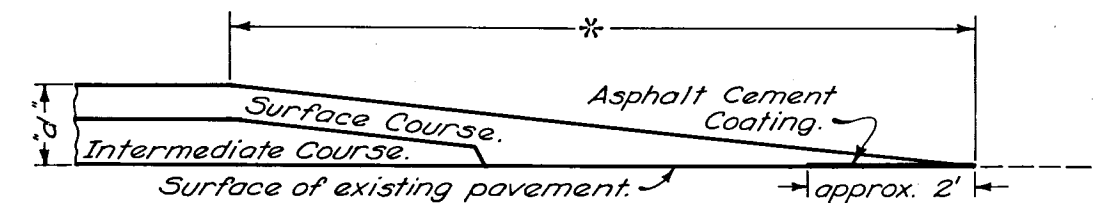


GUTTER FINISH

NOTE: Either type feathered area may be used unless type is specified by the plan.

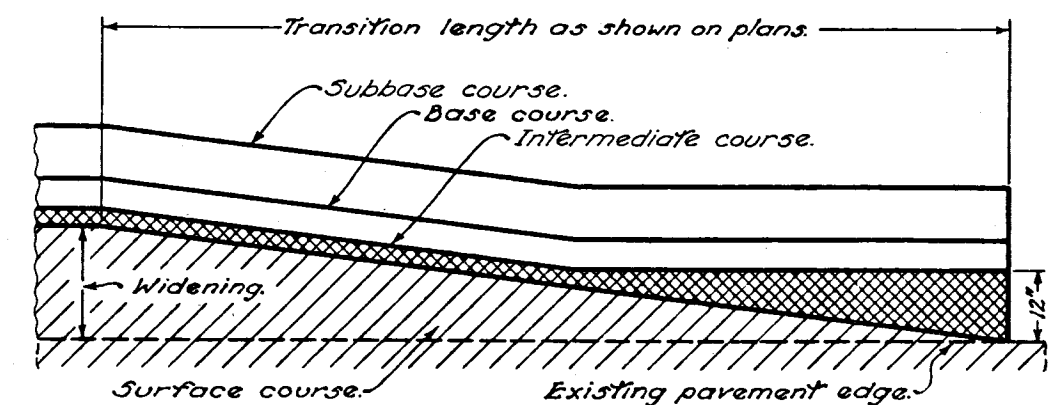


BUTT JOINT TYPE

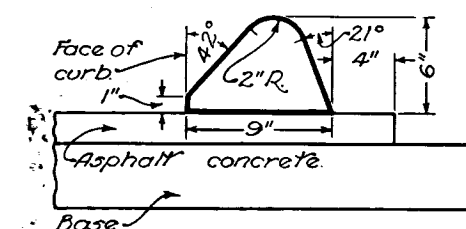


FEATHER EDGE TYPE

PLACING FEATHERED AREAS



MERGING EDGE OF PAVEMENT WIDENING WITH EDGE OF EXISTING PAVEMENT



TYPE I ASPHALT CONCRETE CURB

BUREAU OF LOCATION AND DESIGN
 OHIO DEPARTMENT OF TRANSPORTATION

RESURFACING

STANDARD CONSTRUCTION DRAWING
 BP-5

APPROVED: *N. J. Cunningham* ENGR., L.D.

DATE
 6-1-65
 1-1-71
 6-1-72
 8-11-75
 4-16-79