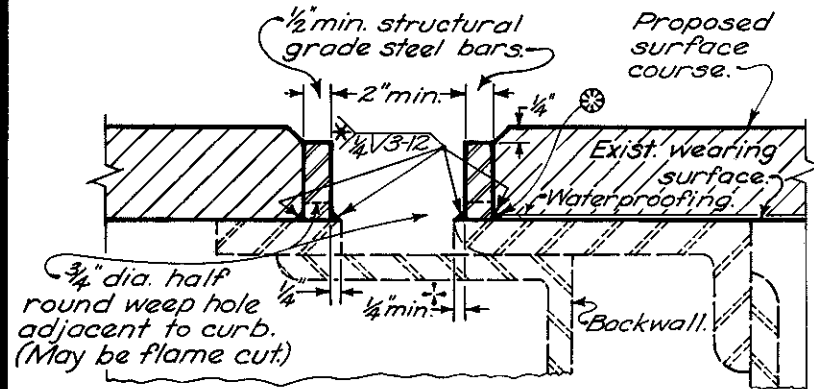


† Increase as necessary to maintain 2" min. opening.

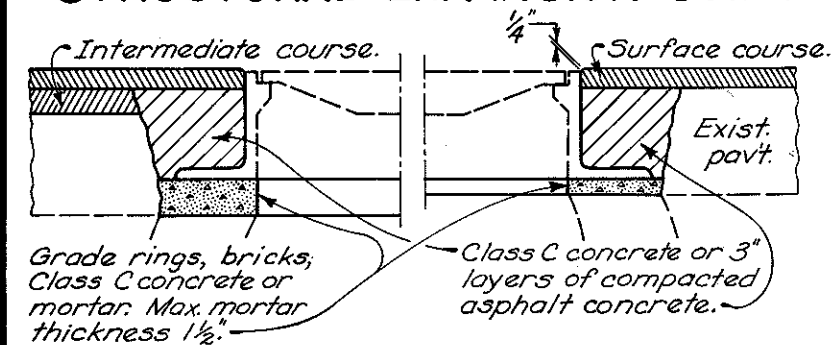


* At the option of the Contractor, this non-stress carrying weld may be continuous.

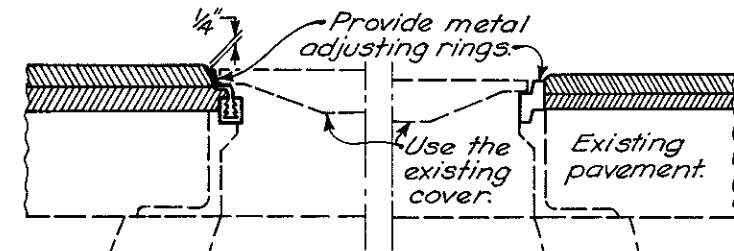
⊗ If the waterproofing membrane is a prefabricated sheet, seal at this point with mastic or heat.

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 1 1/4" in. The ramps shall be removed prior to resurfacing. Cost of placing and removing the ramps shall be included with Item 614 for payment.

VERTICAL EXTENSION OF STRUCTURAL EXPANSION JOINTS



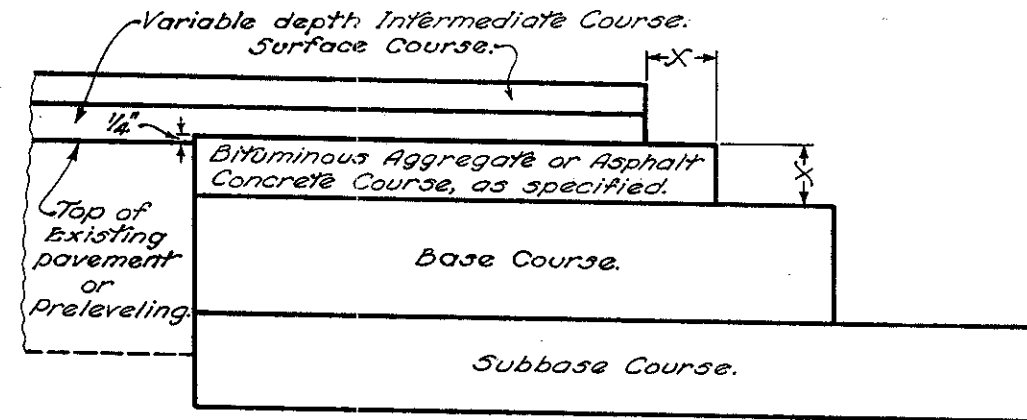
USING CONCRETE OR MORTAR



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 1/2".

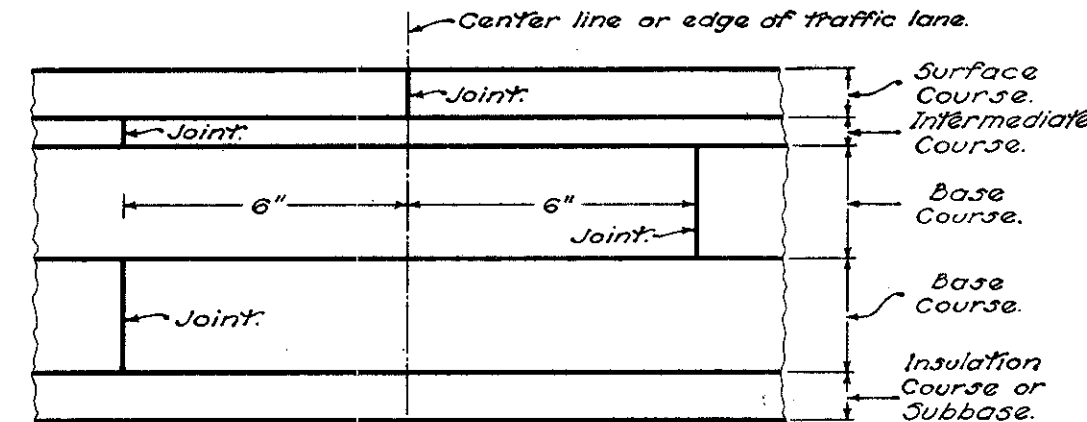
USING METAL ADJUSTING RINGS MANHOLES ADJUSTED TO GRADE

RESURFACING

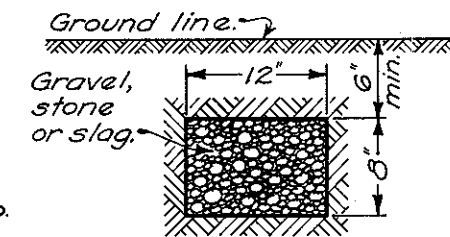


The Bituminous Aggregate in the upper part of the base widening shall finish approximately 1/4" above the edge of the existing pavement where no preleveling is used. Where a preleveling (using intermediate course material) is specified, it shall be placed prior to excavation of the widening trench and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

COURSE DETAIL FOR WIDENING

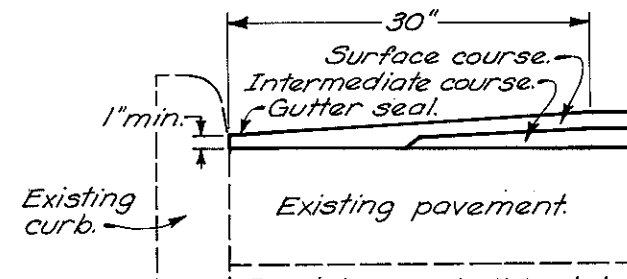


LAPPING LONGITUDINAL JOINTS



Aggregate drains to be placed where and as directed by Engineer.

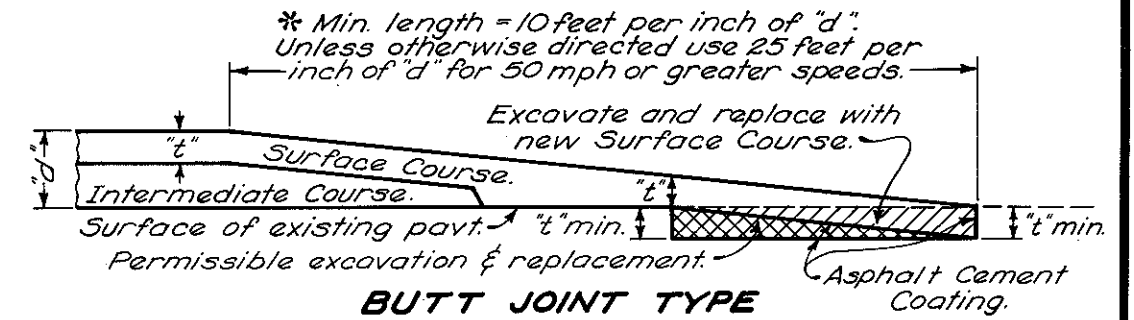
AGGREGATE DRAIN



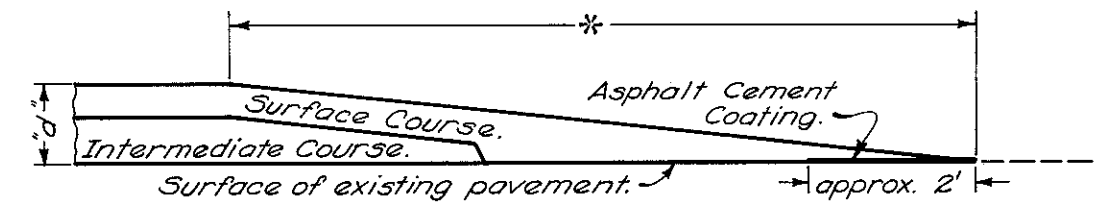
Special care shall be taken during construction to obtain maximum compaction of bituminous concrete in gutters.

GUTTER FINISH

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

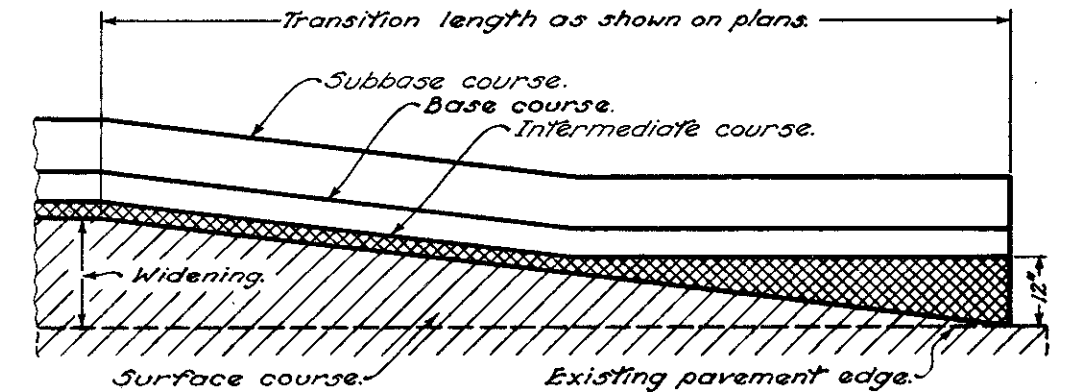


BUTT JOINT TYPE

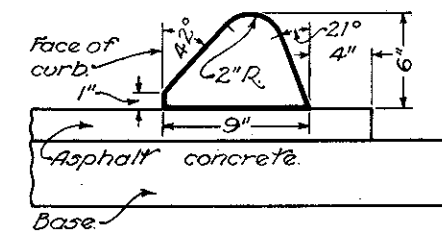


FEATHER EDGE TYPE

PLACING FEATHERED AREAS



MERGING EDGE OF PAVEMENT WIDENING WITH EDGE OF EXISTING PAVEMENT



TYPE I ASPHALT CONCRETE CURB

BUREAU OF ROADWAY DESIGN OHIO DEPARTMENT OF TRANSPORTATION	
RESURFACING	
STANDARD CONSTRUCTION DRAWING	BP-5
APPROVED <i>E. J. Schaefer</i>	ENGR., R.D.

DATE
6-1-65
1-1-71
6-1-72
8-11-75