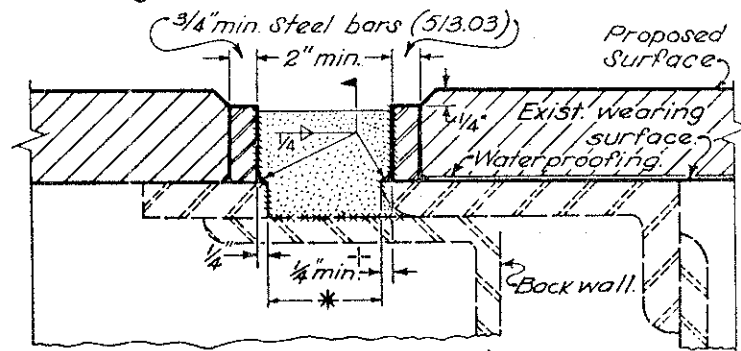


RESURFACING

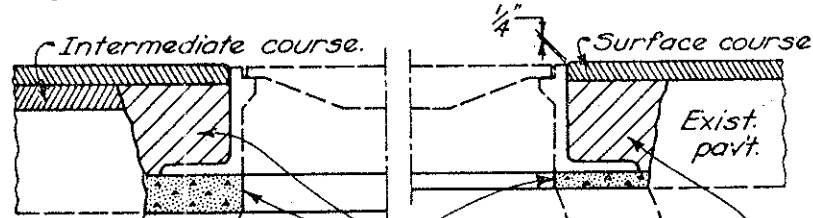
- † Increase as necessary to maintain 2" min. opening.
- * Vertical extension of joints found to be closed to 1/2" or less may be non-performed as directed by the Engineer.



As a part of item 516, seal joint with a hot-applied bridge deck waterproofing material which also meets the requirements of 70501. Sandblast vertical surfaces (1) and wipe clean. Seal joint before rust forms. If rust forms, re-sandblast. Use bond breaker on the horizontal surface (2).

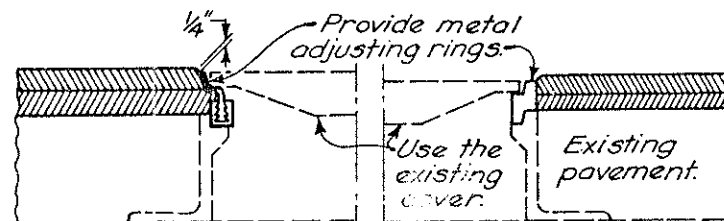
MAINTENANCE OF TRAFFIC: Generally the bars shall be welded while the lane is closed for waterproofing or resurfacing. However, if traffic is routed over the bars before resurfacing, temporary ramps shall be constructed to the tops of the bars using 402 or 404 feathering at a max. slope of 6 ft/in. The 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



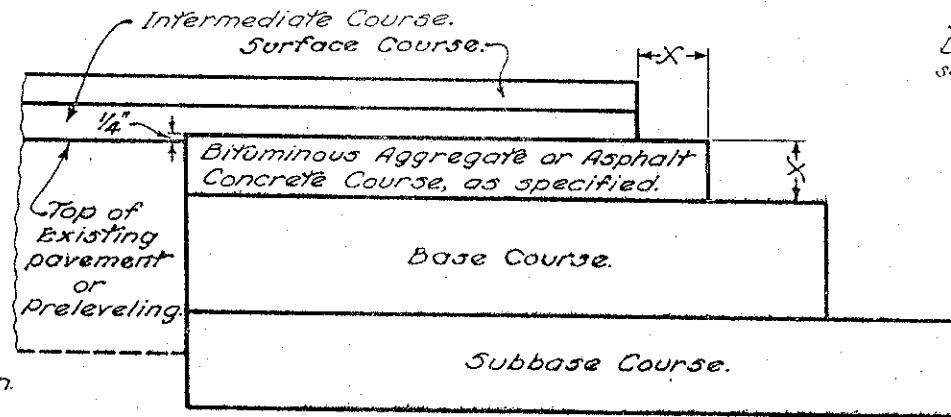
Grade rings, bricks, Class C concrete or mortar. Max mortar thickness 1 1/2".
Class C concrete or 3" layers of compacted asphalt concrete.

USING CONCRETE OR MORTAR



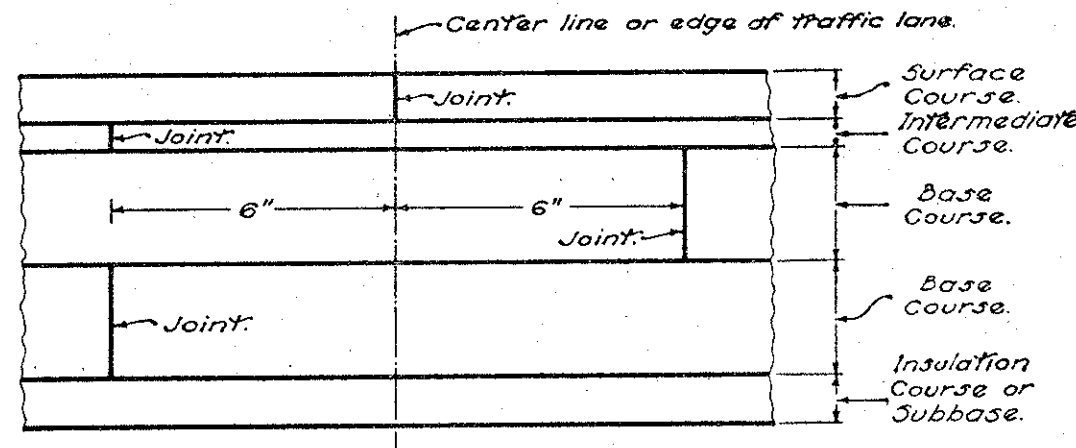
Metal adjusting rings shall fasten or tighten securely in the existing frame, or be welded permanently to the frame and be one piece or fabricated into one piece. Any installation unacceptable to the Engineer, including a poorly seated cover, shall be replaced by the Contractor at his expense.

USING METAL ADJUSTING RINGS MANHOLES ADJUSTED TO GRADE

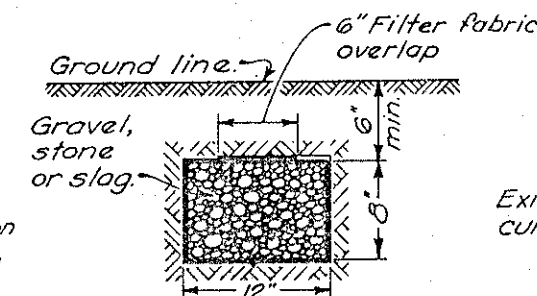


The Bituminous Aggregate in the upper part of the base widening shall finish approximately 1/4" above the edge of the existing pavement where no preleveling is used. Where a preleveling (using intermediate course material) is specified, it shall be placed prior to excavation of the widening trench and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

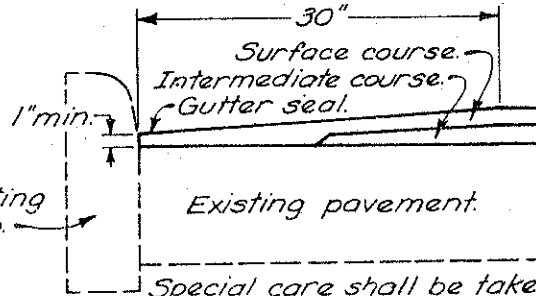
COURSE DETAIL FOR WIDENING



LAPPING LONGITUDINAL JOINTS

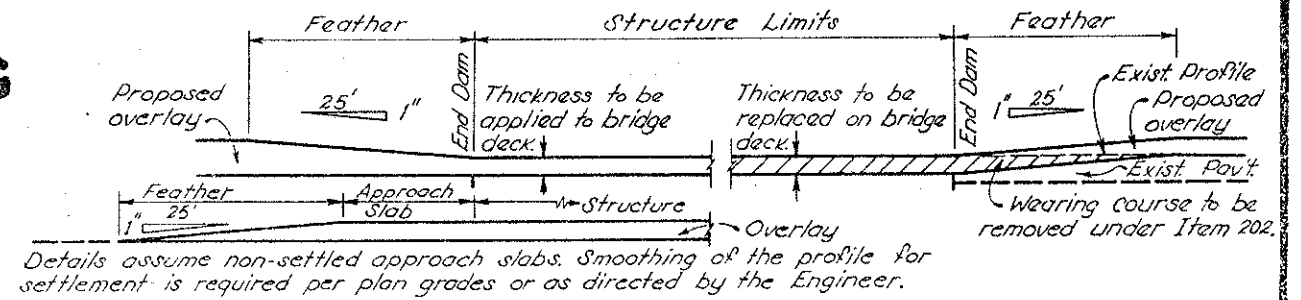


Aggregate drains to be placed where and as directed by Engineer. Provide filter fabric when specified as a separate pay item.

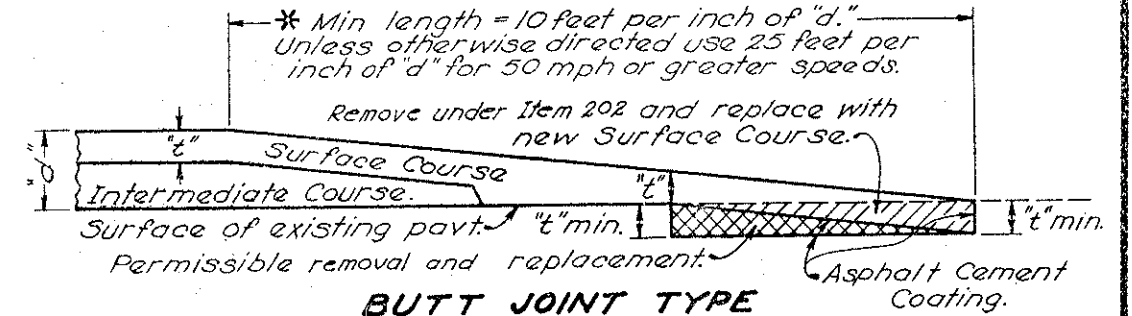


Special care shall be taken during construction to obtain maximum compaction of bituminous concrete in gutters.

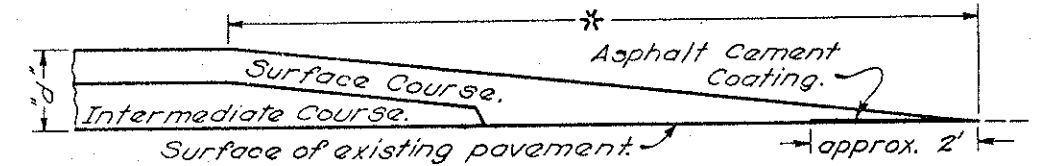
GUTTER FINISH



FEATHERING AT STRUCTURES



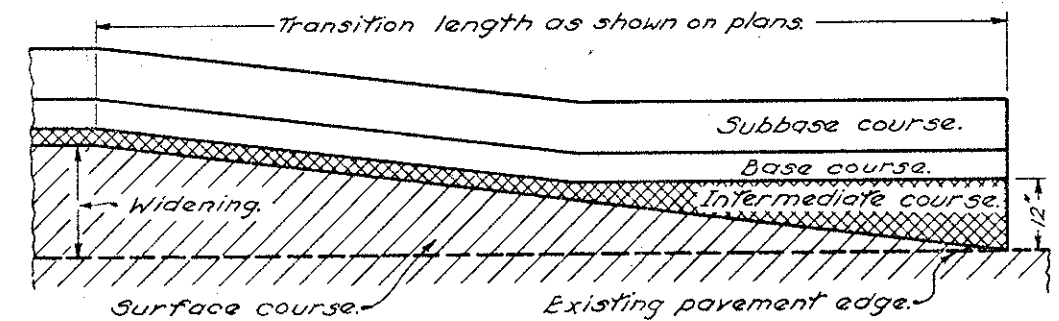
BUTT JOINT TYPE



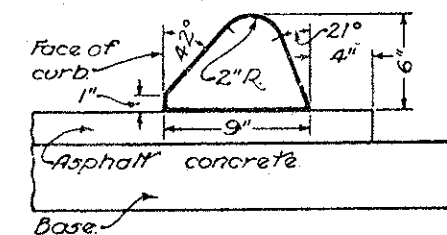
FEATHER EDGE TYPE

NOTE: Either butt or feather type may be used unless type is specified by the plan.

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 _____	ENGR., L.D.

DATE
6-1-65
1-1-71
6-1-72
8-11-75
4-16-79
7-16-81