Details assume non-settled approach slabs. Smoothing of the profile for settlement is required per plan grades or as directed by the Engineer.

TRANSITIONING AT STRUCTURES

PLAN

MERGING EDGE OF PAVEMENT WIDENING WITH EDGE OF EXISTING PAVEMENT

SECTION A-A

COURSE DETAIL FOR WIDENING

LEGEND

1. The extended width (X) of a base or subbase lift shall be equal to the depth (Y) of the overlaying lift or 6", whichever is greater, or as shown on the plans.

2. The extended width shall be equal to the combined thickness of the surface and intermediate courses, or 4", whichever is greater.

3. Permissible removal and replacement

4. Thickness to be applied to existing pavement

For speeds 55 MPH or greater, Use 60° per inch of "d"

For speeds 30 MPH or less, Use 35° per inch of "d"

Remove according to Item 202.

Wearing Course Removed, replace with the plan-specified surface course asphalt. Payment for removal is included with the surface course item unless otherwise directed on the plans.

NOTE: Butt joint is required unless the taper end is specified in the plans or approved by the Engineer.

Butt Joint

Values for "t" and "d" are obtained from the plans.
Using Metal Adjusting Rings

Using Concrete or Mortar

MANHOLES ADJUSTED TO GRADE

GUTTER FINISH

AGGREGATE DRAIN

NOTES

GENERAL: Lap all longitudinal joints as shown regardless of the number of courses being placed. Do not construct a longitudinal joint directly above and in line with the longitudinal joint of previously placed material.

METAL ADJUSTING RINGS:
Metal adjusting rings shall:
(a) Attach securely to the existing frame by welding or mechanical devices;
(b) Consist either of cast metal having an integral rim and seat, or be fabricated metal with a sturdy connection between the seat and rim; and
(c) Provide an even seat for the manhole cover.

In addition, the adjusting ring type shall be a design acceptable to the local governmental agency responsible for street and sewer maintenance. Any installation unacceptable to the Engineer shall be replaced by the Contractor at his expense.

PAYMENT: The Department will pay for manholes adjusted to grade using Item 611 Manhole, Catch Basin, or Inlet Adjusted to Grade. The Department will pay for longitudinal joint preparation using Item 874 Longitudinal Joint Preparation.