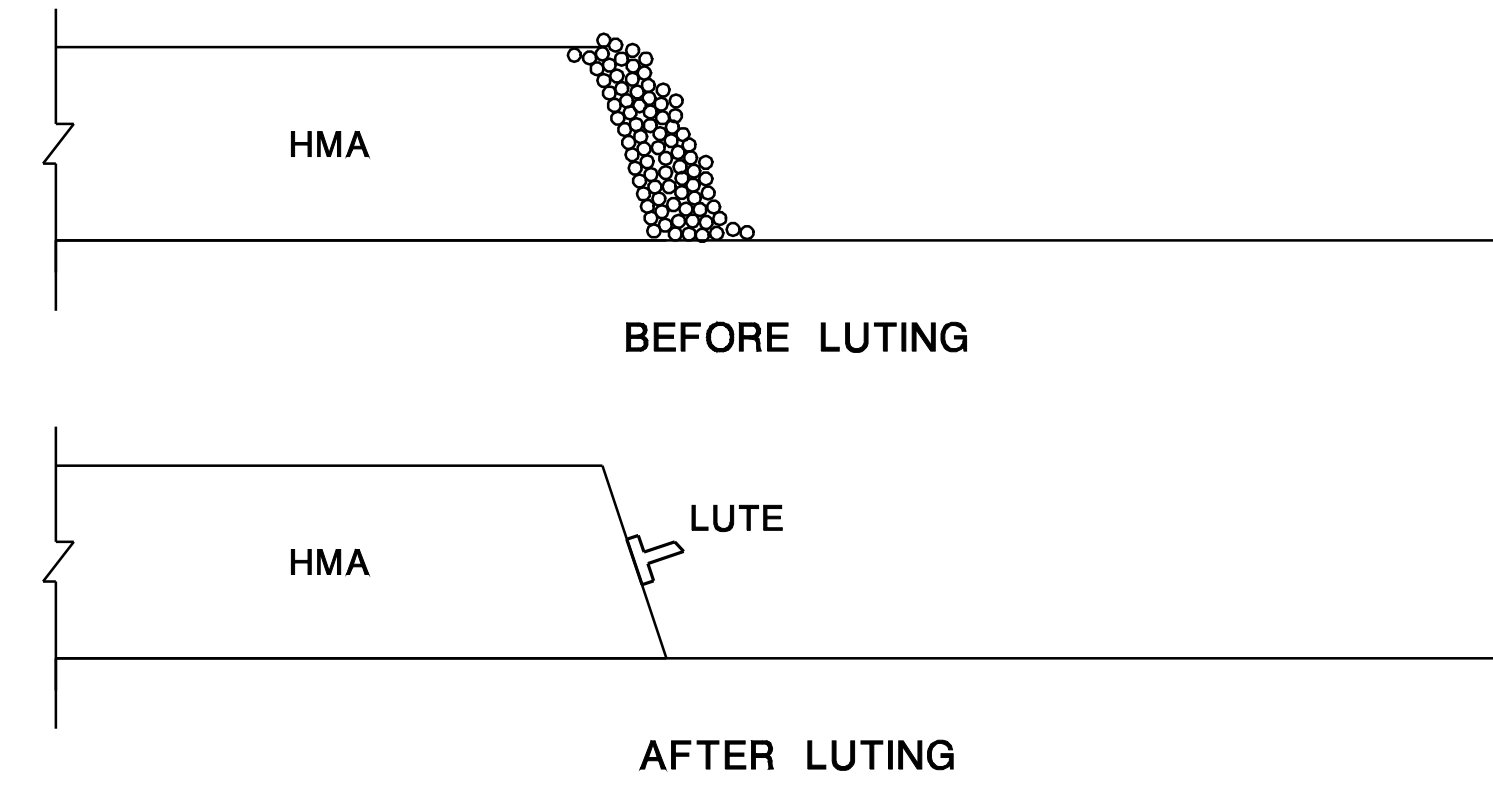




**WEDGE JOINT**  
(NOTE 1)

CD-401-2.1

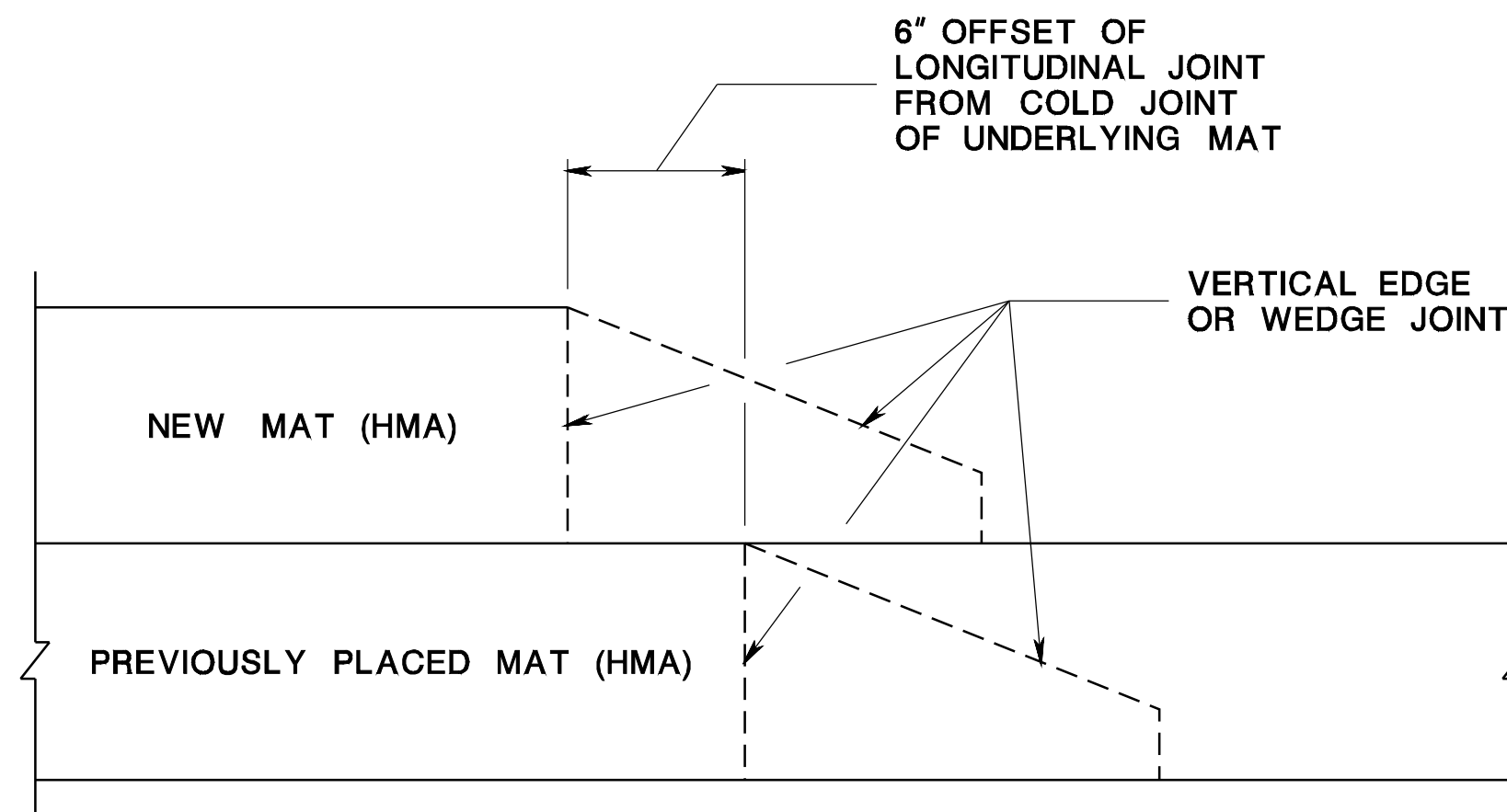


**COMPACTION OF UNCONFINED VERTICAL EDGE**  
(NOTE 3)

CD-401-2.4

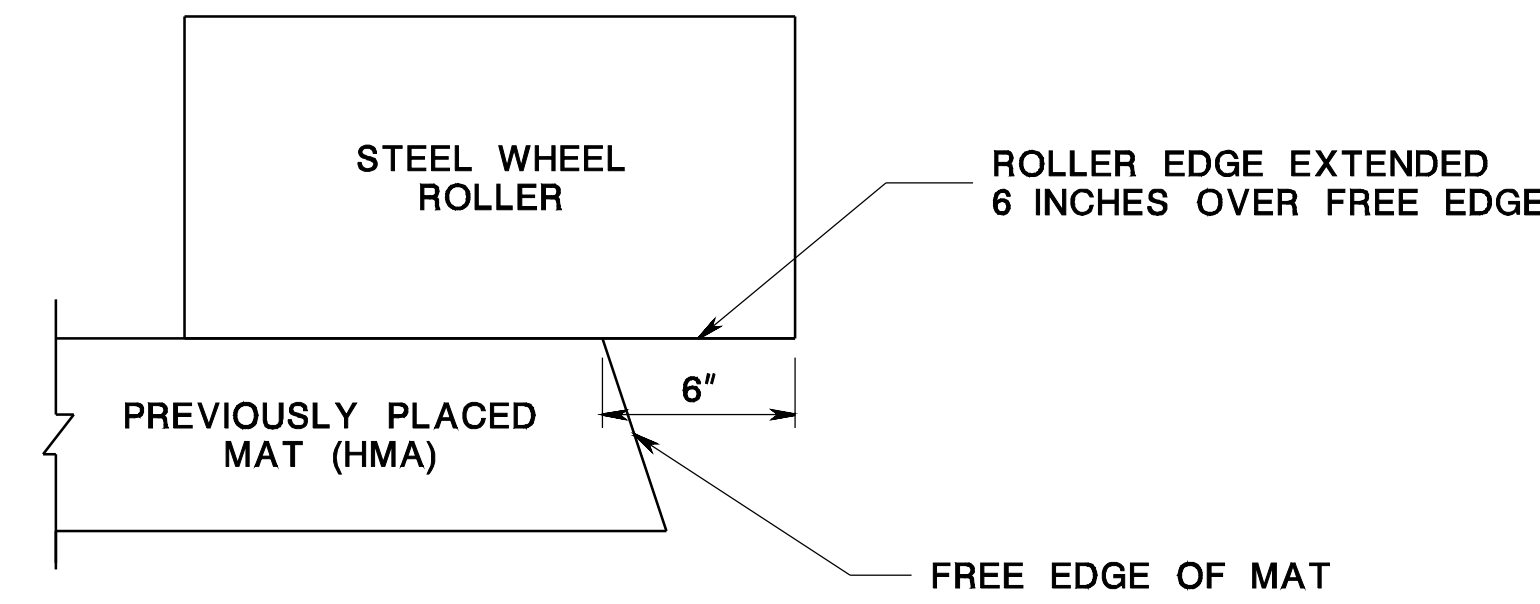
**NOTES:**

1. WHEN HMA LIFT THICKNESS IS GREATER THEN 2¼ INCHES AND WHEN TRAFFIC IS TO BE MAINTAINED, CONSTRUCT A WEDGE JOINT.
2. ENSURE THAT THE JOINT IN THE HMA SURFACE COURSE IS OFFSET FROM THE LANE LINES BY 6 INCHES. IN THE CENTERLINE OF A ROADWAY, ENSURE THAT THE JOINT FALLS BETWEEN THE DOUBLE YELLOW TRAFFIC STRIPE.
3. ENSURE THE LUTE OPERATOR MANUALLY BUMPS THE EDGE TO OBTAIN A TRUE VERTICAL AND DENSE UNCONFINED EDGE.
4. ENSURE THAT THE OVERLAPPED HMA MATERIAL AT THE JOINT IS TIGHTLY CROWDED (BUMPED) OVER THE JOINT ONTO THE NEWLY PLACED LANE LEAVING A SMALL MOUND OF MIX HUMPED UP FOR THE ROLLERS TO COMPACT.
5. FOR THE WEDGE JOINT, ENSURE THAT COARSE AGGREGATE PARTICLES ARE KEPT AWAY FROM THE POINT WHERE THE WEDGE MEETS THE SURFACE OF THE PREVIOUSLY PLACED LANE.
6. TO PREVENT LATERAL DISPLACEMENT OF THE UNCONFINED EDGE, ENSURE THAT THE EDGE OF THE ROLLER WHEEL EXTENDS OVER THE FREE EDGE OF THE HMA MAT BY AT LEAST 6 INCHES.



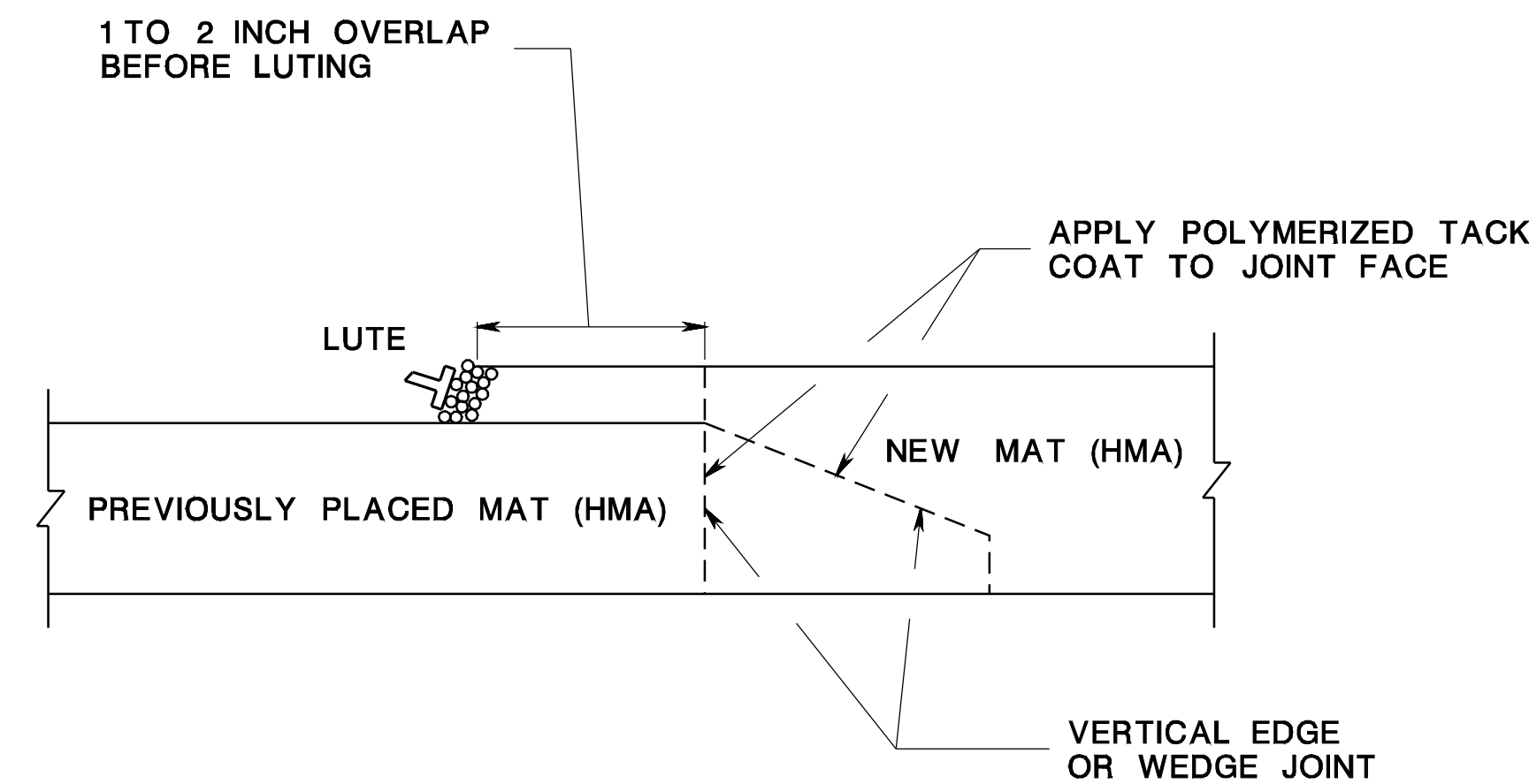
**OFFSET OF JOINTS**  
(NOTE 2)

CD-401-2.2

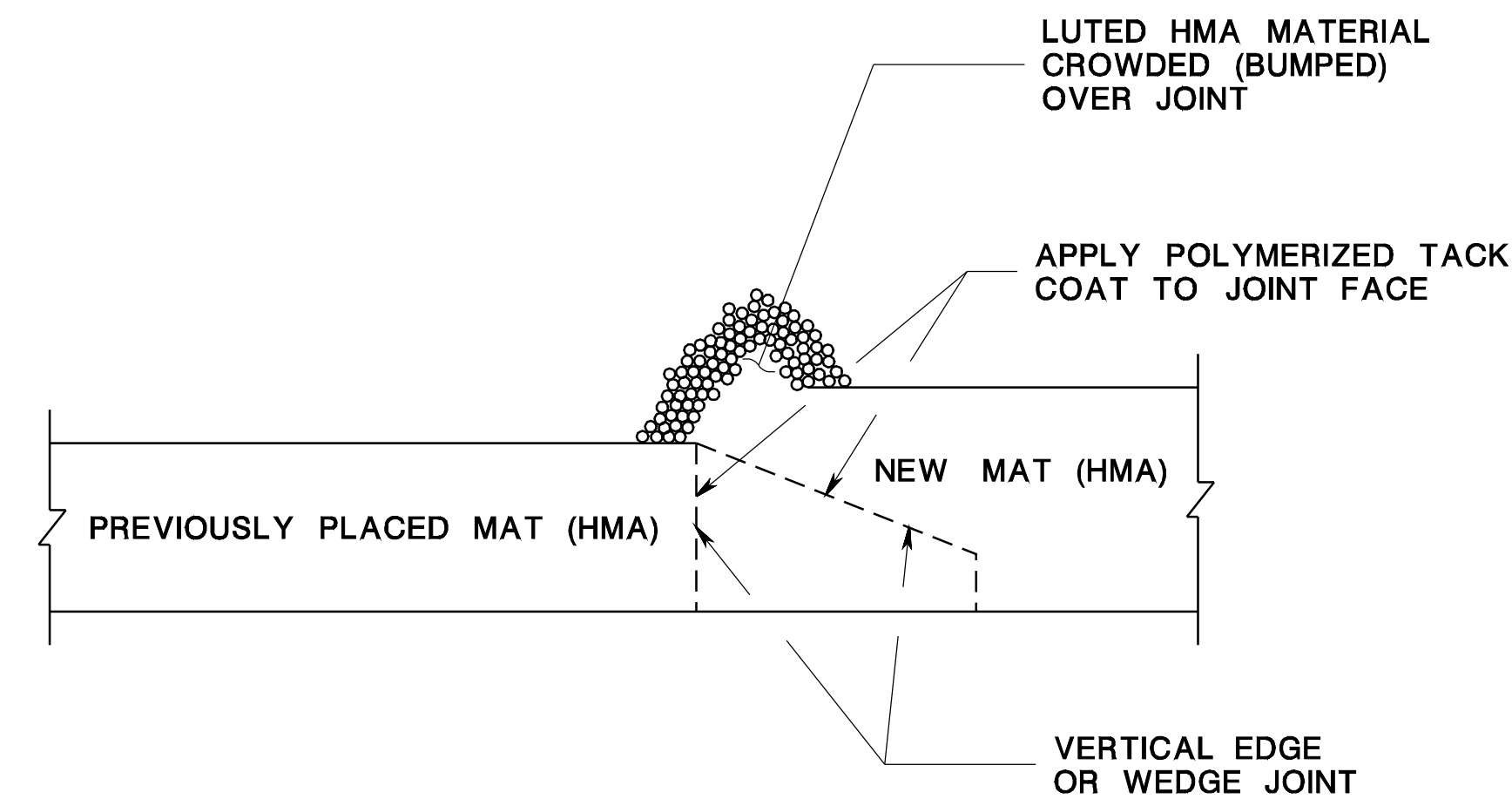


**ROLLER PLACEMENT FOR COMPACTING ALONG THE UNCONFINED VERTICAL EDGE**  
(NOTE 6)

CD-401-2.5



**OVERLAPPED HMA BEFORE LUTING**  
(NOTES 4 & 5)



**HMA AFTER LUTING**  
(NOTE 4)

**HMA PAVEMENT**

CD-401-2.3

**LONGITUDINAL JOINTS IN HMA**

N.T.S.

HMA = HOT MIX ASPHALT

CD-401-2

NEW JERSEY DEPARTMENT OF TRANSPORTATION

**CONSTRUCTION DETAILS**