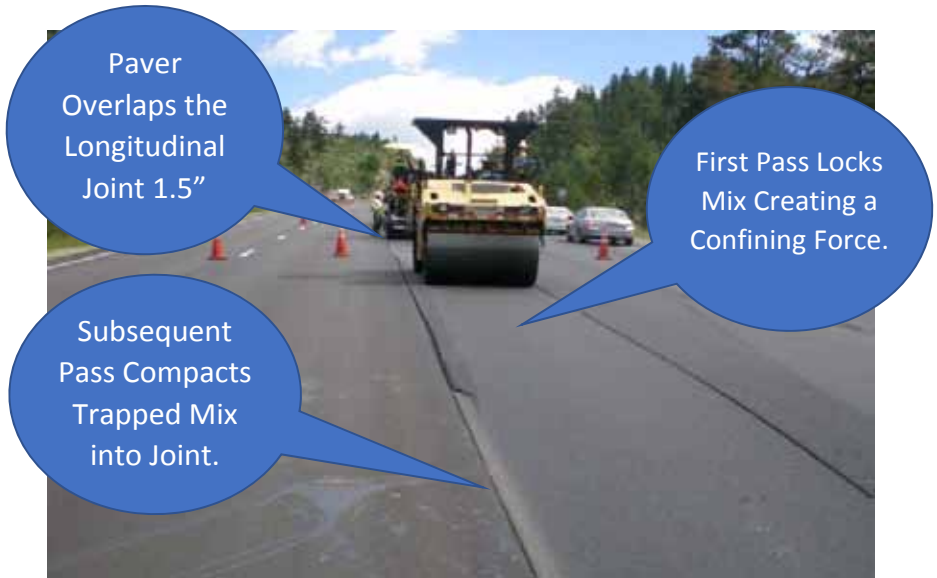
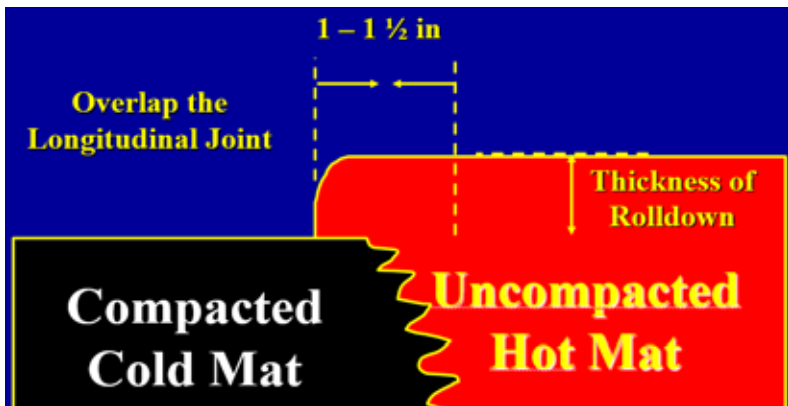


The “Maryland Method” for the Best Longitudinal Joints



Best Practice for Longitudinal Joint Construction

- Construct joints in a manner that provides a continuous bond between the old and new surfaces.
- Apply tack coat to all contact surfaces before placing the mix against existing asphalt pavements, curbs, gutters, headers, manholes, etc.
- Overlap the existing pavement 1 to 1.5 in. when constructing longitudinal joints adjacent to existing asphalt pavements.
- The initial longitudinal roller pass shall be on the uncompact hot mat and 6 in. to 1 ft. from the joint.
- The successive roller pass shall compact the overlapped material and the 6 in. to 1 ft. material simultaneously.



First Pass

6 to 12 Inches

Packs
Mix into
Joint.

Roller
(First Pass)

Creates a
Confined
Area.

Cold

Hot

Subsequent Pass

Compacts the
Trapped Material
and the
Overlapped
Material.

Roller
(Subsequent Pass)

Cold

Hot

1" to
1.5" Inches + Remaining
Uncompacted

MARYLAND ASPHALT ASSOCIATION



MDOT
MARYLAND DEPARTMENT
OF TRANSPORTATION
STATE HIGHWAY
ADMINISTRATION