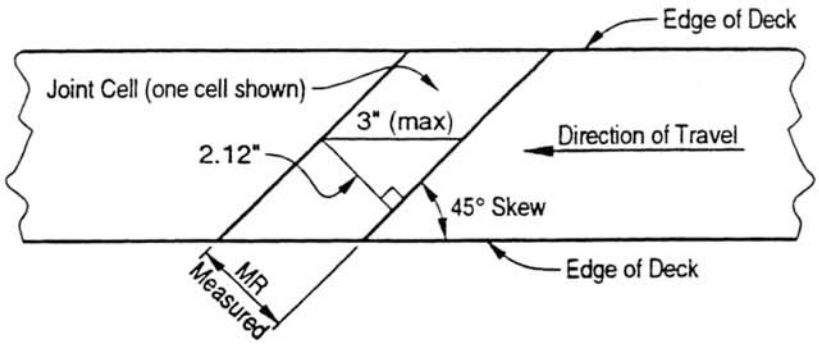
Attachment 7

Example No. 3

Size Blockout Dimensions

Given: CIP P/S Structure
MR = 5½ inches
Skew = 45°

Determine: Blockout width and depth.



The *Standard Special Provisions* specify:

1. The MR is measured normal to longitudinal axis of assembly, disregarding any skew of the deck. This requirement partially accounts for skew generated stresses.

2. The maximum width of unsupported or yielding components or grooves in the roadway surface of the assembly, measured in the direction of vehicular traffic, shall be 3 inches.

Joint Width: MR = 5½" $\frac{5.5}{2.12} = 2.59$ ∴ 3 cells required (9" MR)

From Blockout Dimension Chart, blockout width = 2'-0".

Joint Depth: From Blockout Dimension Chart, blockout depth = 15".

Note: Actual assembly depths for 3 cell (9" MR) joint seal assemblies are as follows:

Watson Bowman ACME	10 13/16"
D. S. Brown Co.	11 23/32"
TechStar Inc.	12¼"

A blockout depth of 15" is desireable for a monolithic closure pour