

## **DIMENSION IN INCHES**

| TOTAL<br>MOVEMENT | SEAL SIZE |         | JOINT <sub>"A"</sub><br>WIDTH |       | JOINT WIDTH<br>"A" | JOINT<br>DEPTH | MIN. JOINT<br>WIDTH "A"<br>DURING |  |
|-------------------|-----------|---------|-------------------------------|-------|--------------------|----------------|-----------------------------------|--|
|                   | WIDTH     | HEIGHT  | MIN.                          | MAX.  | AT 70° F.          | "B"            | INSTALLATION                      |  |
| 1.664             | 4         | 4 23/32 | 1.736                         | 3.4   | 2.331              | 6              | 2 5/8                             |  |
| 1.649             | 3 1/2     | 3 1/2   | 1.331                         | 2.98  | 1.920              | 4 3/4          | 2 1/4                             |  |
| 1.219             | 3         | 3 13/32 | 1.331                         | 2.55  | 1.767              | 4 1/2          | 2                                 |  |
| .982              | 2 1/2     | 2 3/4   | 1.143                         | 2.125 | 1.494              | 3 3/4          | 1 3/4                             |  |
| .770              | 2 1/4     | 2 5/8   | 1.143                         | 1.913 | 1.418              | 3 1/2          | 1 5/8                             |  |
| 1.072             | 2         | 2 1/16  | .628                          | 1.70  | 1.000              | 2 3/4          | 1                                 |  |
| .780              | 2         | 2 1/16  | .920                          | 1.70  | 1.199              | 2 3/4          | 1 5/16                            |  |
| .627              | 1 3/4     | 2       | .860                          | 1.487 | 1.084              | 2 3/4          | 1 1/8                             |  |
| .753              | 1 5/8     | 1 5/8   | .628                          | 1.381 | .896               | 2 3/8          | 1                                 |  |
| .546              | 1 3/8     | 1 1/2   | .623                          | 1.169 | .818               | 2              | 7/8                               |  |

## NOTES:

- 1. TOTAL MOVEMENT DUE TO EXPANSION AND CONTRACTION IS BASED ON A TEMPERATURE RANGE FROM +120°F. TO -20° F.
- 2. VALUES SHOWN IN TABLE ARE FOR 0° SKEW.

| APPROVED:                                  | CITY OF BALTIMORE   | ISSUED                    | REVISED | REVISED  |
|--|---|---------------------------|---------|----------|
|  | DEPARTMENT OF TRANSPORTATION TRANSPORTATION ENGINEERING AND | 8 / 2010                  |         |          |
| I I I mat Dev4/h.                          | CONSTRUCTION  |                           |         |          |
| DIVISION CHIEF, TRANSPORTATION ENGINEERING | SINGLE CELL MODULAR   | STANDARD NO.<br>BC 445.01 |         |          |
| 1797 Khalil Zone                           | COMPRESSION SEAL FOR  |                           |         |          |
| DIRECTOR, DEPARTMENT OF TRANSPORTATION     | ROADWAY JOINTS  | SCALE : NO                | NE SHEE | T 1 OF 1 |