## **New Construction Expansion Joint Solutions**

Expansion joints are ranked in order of expense from inexpensive to more expensive.

|                 | Type of Expansion Joint Product | Movement |        |        |        |     | Life Expectancy |
|-----------------|---------------------------------|----------|--------|--------|--------|-----|-----------------|
|                 |                                 | 0 - 1"   | 1 - 2" | 2 - 3" | 3 - 4" | +4" | Life Expectancy |
| Lowest          | Compression Seals               |          |        |        |        |     | 10-15 Years     |
|                 | J Seals                         |          |        |        |        |     | 10-15 Years     |
|                 | Strip Seals                     |          |        |        |        |     | 20-25 Years*    |
| Initial<br>Cost | Strip Seal/<br>Delcrete®        |          |        |        |        |     | 20-25 Years*    |
|                 | Modular Joints**                |          |        |        |        |     | 20-25 Years*    |
|                 | Finger Joints                   |          |        |        |        |     | 20-25 Years*    |
| Highest         | Swivel Joints**                 |          |        |        |        |     | 20-25 Years*    |

<sup>\*</sup> Rubber glands may need to be replaced after 20 years. Joint system expected to last the life of the bridge deck.

<sup>\*\*</sup> Fatigue tested in excess of 100 million truck-load cycles.