The following basic information is required in order to make a preliminary technology choice for bridging expansion joints in interior floors. This may not be the only information required but it is a good start.

**Date:** __________  **Job Name:** __________________  **Location (City & State):** __________________

**Your Name:** ____________________________  **Your Company:** _____________________________

**PH:** __________  **FX:** __________  **email:** _________________________________

**Type of Construction:**  
- [ ] New  
- [ ] Retrofit

**Building Use:**  
- [ ] Warehouse  
- [ ] Convention center  
- [ ] Hospital/Clinic  
- [ ] Stadium concourse  
- [ ] Retail  
- [ ] Stadium suite  
- [ ] Airport  
- [ ] Stadium hallways  
- [ ] Correction/Prison  
- [ ] Kitchen  
- [ ] School  
- [ ] Office  
- [ ] University  
- [ ] Assisted living  
- [ ] Laboratory  
- [ ] Clean-room  
- [ ] Other ____________________________

**Flooring Type:**  
- [ ] Concrete  
- [ ] Ceramic tile  
- [ ] Granite  
- [ ] Terrazzo  
- [ ] Synthetic (VCT)  
- [ ] Marble  
- [ ] Carpet  
- [ ] Other ____________________________

**Flooring thickness:** __________

**All Traffic type(s):**  
- [ ] Forklifts  
- [ ] Scissor lifts  
- [ ] Trucks  
- [ ] Luggage carts or luggage  
- [ ] Wheelchairs  
- [ ] Emergency vehicles  
- [ ] Gurneys  
- [ ] Mobile medical equipment  
- [ ] Hand trucks  
- [ ] Shopping carts  
- [ ] Vendor carts  
- [ ] Beer/soda kegs on dollies  
- [ ] Coin carts  
- [ ] Wire-guided vehicle systems  
- [ ] Pedestrian  
- [ ] Laser-guided vehicle systems  
- [ ] Spiked heels  
- [ ] Robot-guided vehicle systems  
- [ ] Other ____________________________

**Worst-Case Vehicle Load or Point Load:**  
(most severe condition from expected traffic types)

**Vehicle type:** ____________________________

**Wheel Type:**  
- [ ] Pneumatic or solid, soft-rubber  
- [ ] Solid, hard plastic, or hard rubber  
- [ ] Other ____________________________

**No. wheels per axle:** ________  **Wheel width:** ________

**Gross, loaded vehicle weight:** __________

**Max Axle Load:** __________ (lbs or kg?)

**Joint Material currently installed or specified:**  
- [ ] Rubber-and-Rail Strip Seal  
- [ ] Aluminum, curved, floating-plate cover  
- [ ] Cover-plate -- surface mounted  
- [ ] Cover-plate -- recessed in blockout  
- [ ] Compression Seal  
- [ ] Caulk  
- [ ] Poured-filler  
- [ ] Other ____________________________

**Plan View of Floor:**  
(Show location of expansion joint(s) and lengths of slabs on each side of joint(s). (Attach additional sheets as needed.)

**Example:**

![Cross-section sketch of joint]

**Joint-gap width is:**  
- [ ] Retrofit: Field-measured, existing joint-gap = ______ (inches or mm?) at  
  - [ ] Deck surface temp.  
  - [ ] Ambient temp. of: ____ (°F or °C?)

- [ ] New Construction: Designed joint-gap is ______ (inches or mm?)

**Temperature/Environment:**  
- [ ] Not climate controlled (i.e. no heat or air conditioning)  
- [ ] Climate controlled above and below slab  
- [ ] Climate controlled above slab only  
- [ ] Climate controlled below slab only

**Total quantity of expansion joint(s):** ______ (feet or meters?)

**Transitions at obstacles**  
(over, through, around, under, next to):

- [ ] Flat turn in floor--angle is: ______°  
  - [ ] Other ______°

- [ ] Flat turn at column or wall--angle is: ______°  
  - [ ] Other ______°

- [ ] Changes from 'floor-to-floor' to 'floor-to-wall'  
  - [ ] Cross  
  - [ ] Tee  
  - [ ] Along Wall (floor-to-wall)

- [ ] Other ________________________________

**Joint terminates:**  
- [ ] Into split column  
- [ ] Into wall -- Joint in wall lines up  
- [ ] Into wall -- Joint in wall offset  
- [ ] Into wall -- No joint in wall  
- [ ] Into tee at floor-to-wall perimeter joint

**Expected Movements:**  
- [ ] Unknown

**Type of Movement:**  
- [ ] Normal thermal  
- [ ] Differential vert. deflection  
- [ ] Longitudinal shear  
- [ ] Other

**Amount:**  
- [ ] + ______ - ______ Total: ______
- [ ] + ______ - ______ Total: ______
- [ ] + ______ - ______ Total: ______

- [ ] Other ____________________________ + ______ - ______ Total: ______

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