

10 POINT POST-INCIDENT BRIDGE INSPECTION

1 Approaches

- Raised or lowered
- Cracks
- Buckling

2 Parapets, Handrail & Curbline

- Misalignment
- Separations
- Bowing
- Dips

3 Wing Walls

- Cracks
- Spalling
- Movement at ground

4 Bridge Abutments

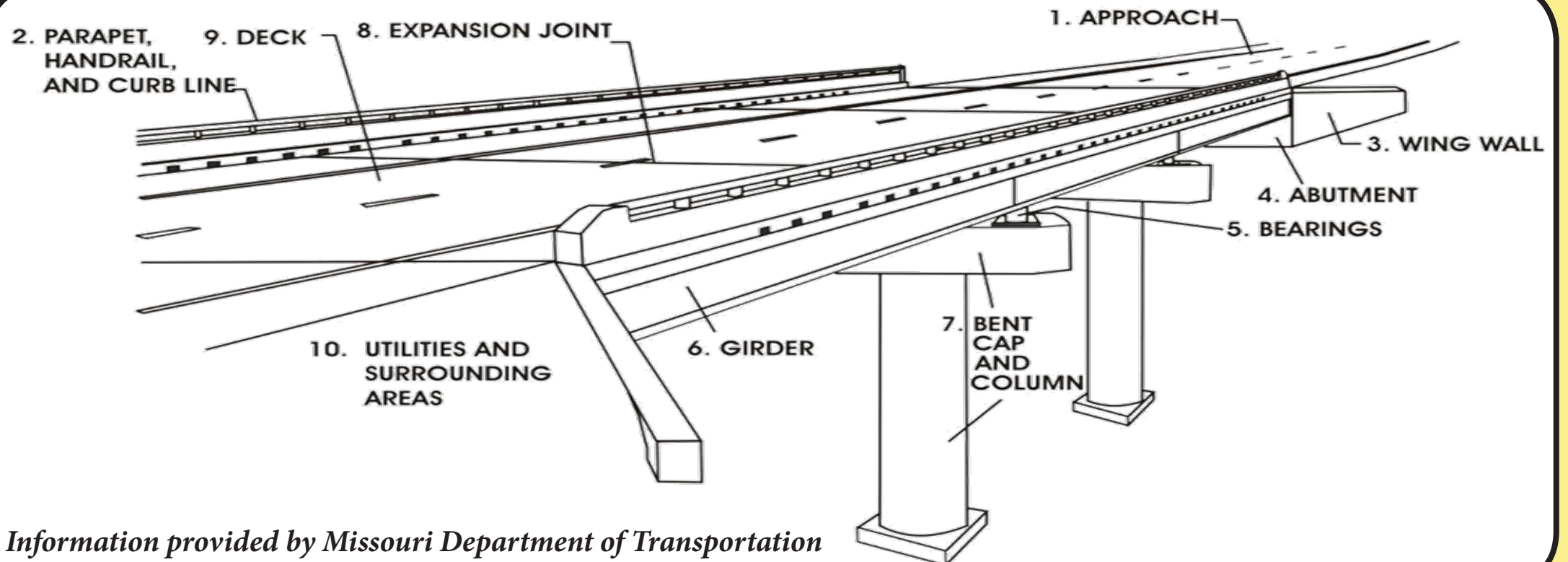
- Cracks
- Spalling
- Movement at ground

5 Bearings

- Unseated
- Misalignment
- Sheared or bent bolts

6 Girders

- Misalignment
- Twisting
- Beading
- Spalling



Information provided by Missouri Department of Transportation

7 Bent Caps & Columns

- Exposed rebar
- Bearing movements
- Spalling
- Chipped concrete
- Movement at ground



8 Expansion Joints

- Misalignment
- Cracks
- Spalling
- Exposed rebar
- Torn expansion material



9 Bridge Deck

- Cracks
- Spalling
- Exposed rebar
- Holes

10 Utilities & Surrounding Areas

- Disturbed soil
- Soil liquefaction
- Damaged utilities
- Surrounding structure damage
- Roadway damage
- Overhead trusses

For more information on *Bridge Incident Inspection* or other MO-LTAP courses, please contact:



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