



## PAVEMENT DESIGN

### GENERAL

- v.6 [13A3](#) Concrete Pavement Shoulders
- v.5 [13A5](#) Shoulder Rumble Strip, Milling
  - [a](#) [b](#)
- v.2 [13A7](#) Continuously Reinforced Concrete Pavement Repair and Replacement
- v.1 [13A8](#) Asphaltic Rumble Strips at Intersection
- v.1 [13A9](#) Concrete Rumble Strips at Intersection
  
- v.2 [13A10](#) 2-Lane Rural Shoulder Rumble Strip, Milling
  - [sheet a](#): *2-Lane Rural Shoulder Rumble Strip, Milling - Type 1*
  - [sheet b](#): *2-Lane Rural Shoulder Rumble Strip, Milling - Type 2*
  - [sheet c](#): *2-Lane Rural Shoulder Rumble Strip, Milling - Crossing, Intersections, Bridges, Railroads, Driveways*
  - [sheet d](#): *2-Lane Rural Shoulder Rumble Strip, Milling - Passing, Climbing and Bypass Lanes*
- v.3 [13A11](#) 2-Lane Rural Center Line Rumble Strip, Milling
  - [a](#) [b](#)

### APPROACH DETAILS

- v.10 [13B1](#) Pavement Details for Railroad Approach
- v.9 [13B2](#) Concrete Pavement Approach Slab
  - [sheet a](#): *Concrete Bridge Approach Slab*
  - [sheet b](#): *Structural Approach Slab and Concrete Approach Slab*

### JOINTS

- v.19 [13C1](#) Concrete Pavement Longitudinal Joints and Ties
- v.17 [13C4](#) Urban Non-Doweled Concrete Pavement
- v.2 [13C8](#) Concrete Pavement Partial Depth Repair
- v.15 [13C9](#) Concrete Pavement Repair and Replacement
  - [a](#) [b](#) [c](#)
- v.2 [13C10](#) Retrofit Dowel Bars
- v.12 [13C11](#) Rural Doweled Concrete Pavement
  - [a](#) [b](#)
- v.9 [13C13](#) Urban Doweled Concrete Pavement
- v.7 [13C14](#) Base Patching Concrete
  - [a](#) [b](#) [c](#)
- v.6 [13C15](#) Concrete Base
  - [a](#) [b](#)
- v.2 [13C16](#) Detail for Right Turn Lane/ Tee Intersection Bypass Lane on a Concrete Roadway
  - [a](#) [b](#)

- v.1 [13C17](#) Concrete Joint Detail for Ramp Termini
  - [sheet a](#): *Concrete Joint Detail for Exit Ramp Termini*
  - [sheet b](#): *Concrete Joint Detail for Entrance Ramp Termini*
  
- v.7 [13C18](#) Concrete Pavement Jointing
  - [sheet a](#): *Concrete Pavement Jointing*
  - [sheet b](#): *Concrete Placement Steel Reinforcement*
  - [sheet c](#): *Concrete Pavement Joint Types*
  - [sheet d](#): *Concrete Pavement Jointing at Utility Fixtures*
  - [sheet e](#): *Concrete Pavement Jointing and Steel Reinforcement in Roundabouts*
  - [sheet f](#): *Concrete Pavement Intersection Boxout for Integral Curb and Gutter*
  - [sheet g](#): *Concrete Pavement Jointing Acceleration/Deceleration Lane*
  
- v.1 [13C19](#) HMA Longitudinal Joints