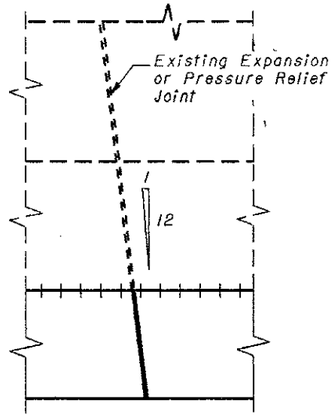
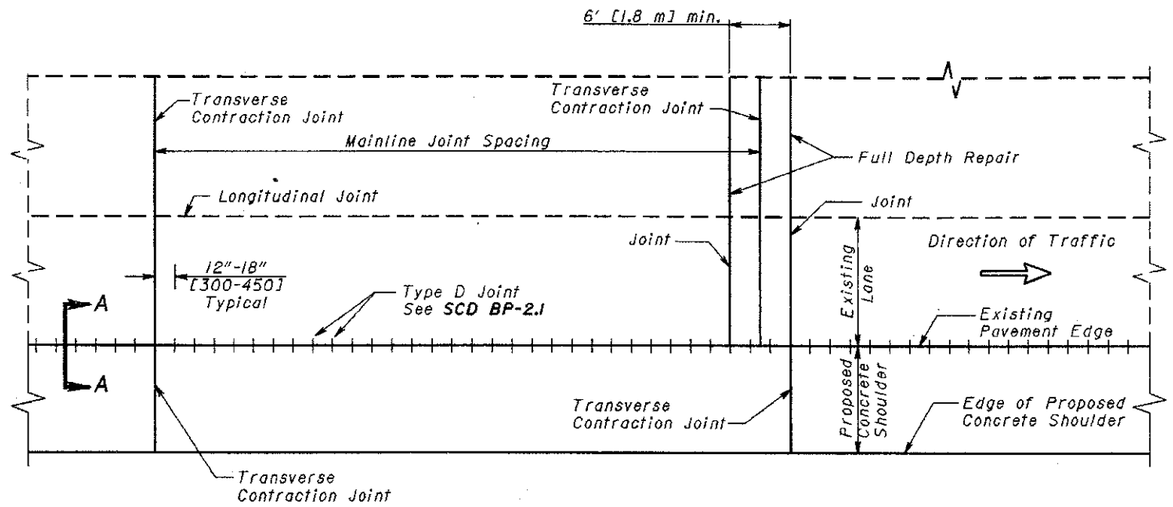
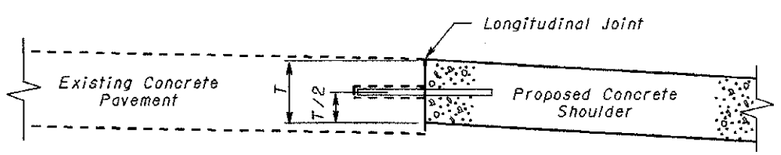


PRESSURE RELIEF OR EXPANSION JOINTS



NEW OR EXISTING TRANSVERSE JOINT

NEW OR EXISTING JOINT REPAIR



SECTION A-A

NOTES

SHOULDERS: shall have the same joint spacing, sawing, and sealing requirements as the mainline pavement.

EXPANSION, PRESSURE RELIEF AND CONTRACTION JOINTS: Care shall be taken to make the expansion, pressure relief or contraction joints in the shoulder a straight line continuation of the new or existing expansion, pressure relief or contraction joints.

For clarity, transverse joints have been shown normal to the centerline. When placed next to mainline pavement with skewed joints, the joints in the shoulder shall be skewed to match the skew of the mainline joints.

TIE BAR SPACING: shall be per Table A on **SCD BP-2.1** and shall be based on the thickness of the concrete shoulder where it meets the existing concrete pavement. The number of tie bars per slab shall vary depending on the existing joint spacing, but the maximum spacing between tie bars shall not be exceeded.

THIS DRAWING REPLACES BP-8.1M DATED 4-8-97.

OHIO DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN ENGINEER — DATE 3-28-00

REVISIONS

STDS. ENGR. M. Evans — DRAWN D. Focke

All metric dimensions (in brackets [ ]) are in millimeters unless otherwise noted.

ROADWAY ENGINEERING SERVICES

STANDARD ROADWAY CONSTRUCTION DRAWING
CONCRETE SHOULDERS

NUMBER BP-8.1

1/1