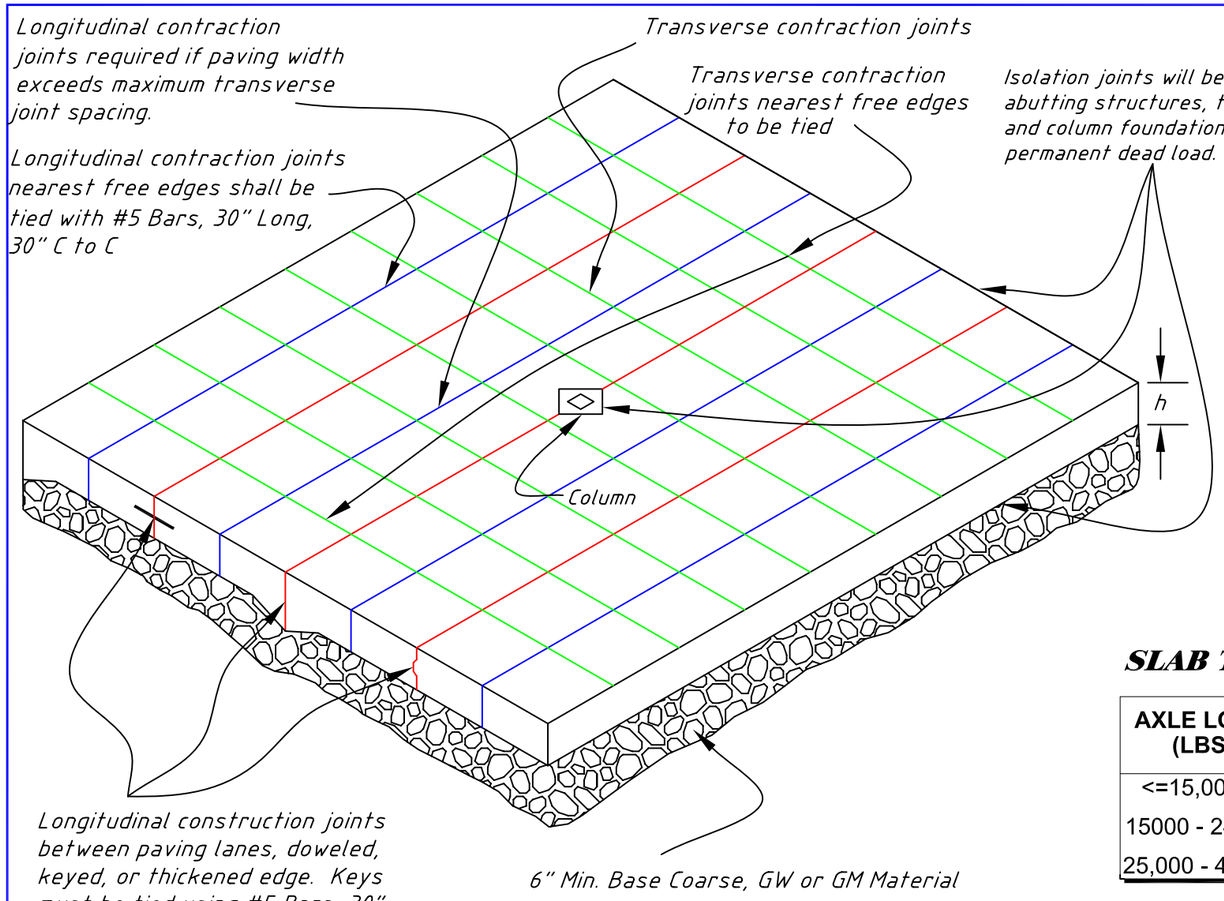
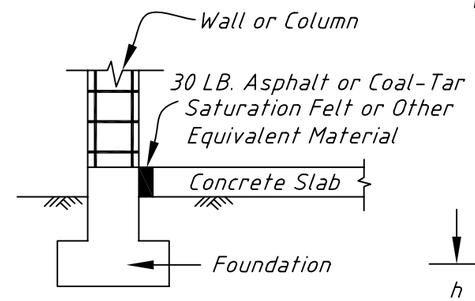


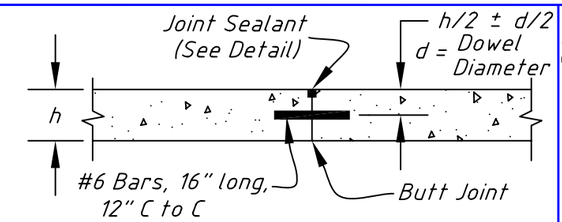
ISOMETRIC



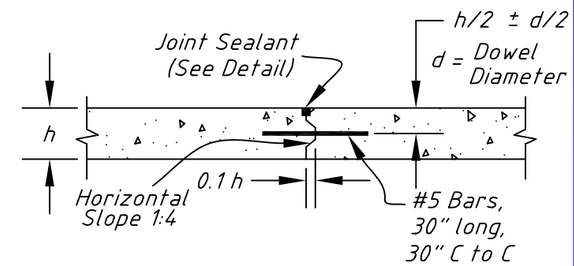
ISOLATION JOINT DETAIL

SLAB THICKNESS

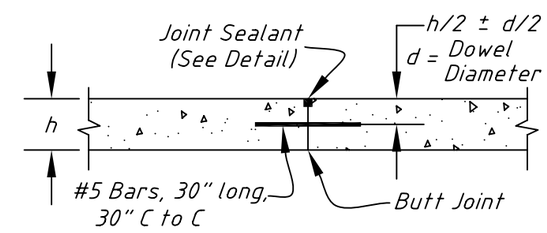
AXLE LOAD (LBS.)	MIN. SLAB THICKNESS h, (IN.)
<=15,000	6.5
15000 - 24999	7
25,000 - 45000	7.5



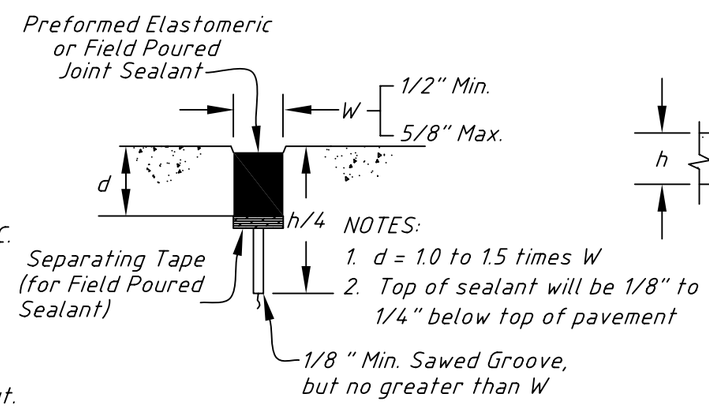
DOWELED CONSTRUCTION JOINT DETAIL



KEYED CONSTRUCTION JOINT DETAIL

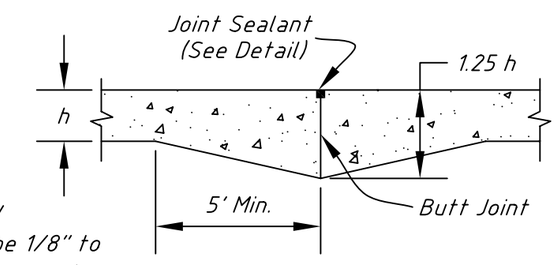


TIED TRANSVERSE CONTRACTION JOINT DETAIL



NOTES:
1. d = 1.0 to 1.5 times W
2. Top of sealant will be 1/8" to 1/4" below top of pavement

JOINT SEALANT DETAIL



THICKENED EDGE LONGITUDINAL

(Not to Scale)

NOTES:
1. Minimum concrete compressive strength = 4,000 psi.
2. Longitudinal contraction joints shall be constructed along the center of the paving lane if the width of the slab exceeds the maximum transverse contraction joint spacing.
3. Maximum spacing of transverse contraction joints = 15 ft.
4. All transverse construction joints are to be doweled butt joints.
5. Ties shall be installed at the transverse contraction joints nearest free edges to prevent cumulative opening of the joints and shall be a minimum of #5 Bars, 30" long, and 30" C to C.
6. Transverse contraction joints will be constructed across each paving lane perpendicular to the center line. The joint spacing will be uniform throughout any paved area and each joint will be straight and continous from edge to edge of the paving lane and across all paving lanes for the full width of the paved area.
7. Separating tape required to prevent poured joint sealant (if used) from flowing into sawcut.
8. The base material under the slab shall be composed of GW (Gravel or sandy gravel, well graded) or GM (Silty gravel or silty sandy gravel) material.

Date
Designed
Drawn
Checked
Approved

Cooperator:
Concrete Slab on Grade
County, Wyoming
County Conservation District

USDA NRCS
Natural Resources Conservation Service

File No.
Drawing No. 561-01
Sheet of