LOCATION OF JOINTS IN CONCRETE SIDEWALK

TYPICAL SIDEWALK JOINT LAYOUTS

4" CONCRETE SIDEWALK
NOTE:

W = MINIMUM WIDTH OF THICKENED CONCRETE SIDEWALK.

(R - d) SHALL NOT BE LESS THAN DRIVEWAY WIDTH.

The "R" dimension is specified in the publication "Administrative Rules Regulating Driveways, Banners and Parades on or over Highways".

W = R - d

CONCRETE DRIVEWAY OPENING LAYOUT

ALIGN DRIVEWAY RETURN TO FIT OPENING IN CURB & GUTTER

SECTION A - A

CONCRETE DRIVEWAY OPENING, DETAIL L

1" EXPANSION JOINT (FOR CURB & GUTTER NOT TIED TO CONCRETE PAVEMENT)

1'-6" + CURB & GUTTER

SECTION B - B

CONCRETE DRIVEWAY OPENING, DETAIL M

NOTE:

For roadways with concrete pavements, longitudinal lane ties will be continuous through the driveway opening and the spacing of the #5 bars in concrete driveways shall be adjusted to avoid conflict with the longitudinal lane ties.
HMA DRIVEWAY APPROACH
(TO BE USED WITH DETAIL L)

Concrete Driveway Approach
(TO BE USED WITH DETAIL L OR M)

Thickened Concrete Sidewalk

Reinforcement for Concrete Driveways

Michigan Department of Transportation
Bureau of Highway Development Standard Plan for
Driveway Openings, & Approaches, and Concrete Sidewalk
LOW VOLUME COMMERCIAL OR RESIDENTIAL DRIVEWAY SLOPES

COMMERCIAL DRIVEWAY PROFILE FOR MAJOR TRAFFIC GENERATORS

NOTES:

FOR DRIVEWAY DESIGN REFER ALSO TO "ADMINISTRATIVE RULES REGULATING DRIVEWAYS, BANNERS, AND PARADES ON OR OVER HIGHWAYS" AND GEOMETRIC DESIGN G-680-SERIES, COMMERCIAL DRIVEWAYS.

FOR CURB AND GUTTER DETAILS, SEE STANDARD PLAN R-30-SERIES.

TRANSVERSE SIDEWALK SLOPES ARE TYPICALLY 1.5% (2.0% MAXIMUM). IN ORDER TO MEET SITE CONDITIONS, IF THE TRANSVERSE SLOPE IS REQUIRED TO BE LESS THAN 1.5%, LONGITUDINAL DRAINAGE MUST BE PROVIDED.

WHEN SETTING GRADES FOR COMMERCIAL DRIVES, THE TYPES OF VEHICLES USING THE DRIVE SHOULD BE CONSIDERED.