

Driveways, Aprons & Sidewalks - Residential



Village of Hoffman Estates

Code Enforcement
1900 Hassell Road
Hoffman Estates, IL 60169
(847) 781-2631

www.hoffmanestates.org/permits

Submittal Requirements:

- A plat of survey must be submitted with the driveway/apron/sidewalk location and scaled dimensions. Setbacks from the property lines, principal structure and other structures should also be indicated.
- A scope of work or contract must be submitted.

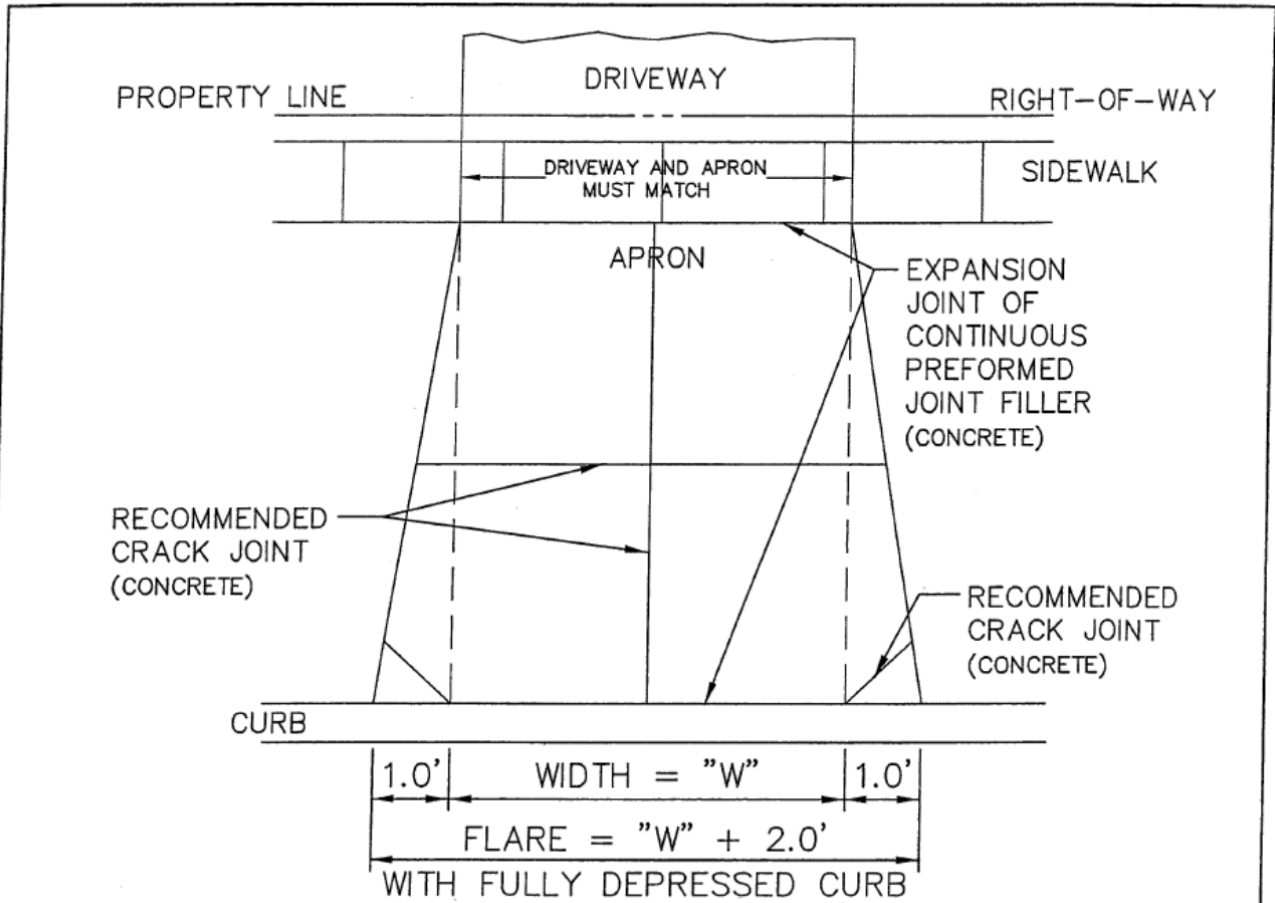
Code Requirements:

- Location/Zoning
 - Driveways are only permitted in the front and side yards if they lead to an approved parking structure. Paved driveways are required to be between a public sidewalk and the parking structure.
 - The driveway, including decorative ribbons, must match the apron width at the sidewalk.
 - The apron must be a minimum of 10' wide at the property line/sidewalk and widen to 12' at the curb line. The maximum apron width is 30'.
 - Aprons must be flared a minimum of 1' on each side.
 - Only one curb cut is permitted per residential lot unless it is a corner lot and is more than 20,000 sq. ft. or has more than 150' of street frontage, then a corner lot is permitted two curb cuts, one on each street provided that the driveways for each curb cut leads to a code complaint garage.
- Materials Specifications
 - New aprons in the right-of-way must be constructed of concrete. Replacement aprons within the right of way may only be asphalt if the existing apron is asphalt. Aprons must be constructed in accordance with Figure 1 on the reverse side.
 - Concrete for driveways/aprons must be a 6 bag mix and test at 3,500lbs in 28 days.
 - Public sidewalks must be 5' wide and constructed of concrete to a depth of 5" over crushed gravel with a minimum thickness of 4".
 - Brick Paver – Driveways and aprons must be constructed with a minimum 8" of crushed gravel and minimum of 1" of sand/granular bedding. Brick paving stones must not be less than 2 3/8" in thickness. A covenant regarding driveway and apron responsibility may be required for brick paver use.
 - Asphalt – aprons are required to have a minimum of 3" of asphalt over an 8" crushed gravel base. Driveways are required to have a minimum of 2" of asphalt over 6" base of crushed gravel.
 - Concrete – A minimum of 4" of crushed gravel is required. Concrete thickness is required to be a minimum of 4" for the driveways and 6" for the apron. #10 6 x 6 steel mesh is required on driveways and aprons. Fiber mesh additive is not a substitute for wire mesh. It is important to note that concrete is a combination of natural elements and is therefore subject to natural flaws such as cracking, chipping, and discoloration. Any of these natural occurrences are the responsibility of the contractor and homeowner to resolve.
 - Any person excavating or making any repairs to any street, curb, sidewalk, or driveway must maintain suitable, lighted barricades to prevent injury to any person by reason of such work or excavation.

Inspection:

- A pre-pour inspection is required prior to pouring concrete, asphalt, or placing brick pavers.
- A final inspection is required upon completion of work.
- Additional inspections may be required.

Figure 1



NOTE: MINIMUM WIDTH, "W" = 10', MINIMUM FLARE = 12'
 MAXIMUM WIDTH, "W" = 30', MAXIMUM FLARE = 32'

NOTES:

1. APRONS REPLACED WITHIN THE RIGHT-OF-WAY BETWEEN THE SIDEWALK/PROPERTY LINE AND CURB SHALL BE REPLACED WITH CONCRETE, EXCEPT IF THE EXISTING APRON IS ASPHALT THEN IT MAY BE REPLACED WITH ASPHALT.
2. THE CONCRETE APRON SHALL CONSIST OF:
 6" CONCRETE WITH 6" X 6", NO. 10 STEEL MESH REINFORCED, OVER 4" CA6 CRUSHED STONE OR GRAVEL. CONCRETE TO BE 6 BAG MIX, 3500 psi COMPRESSIVE STRENGTH.
3. THE ASPHALT APRON SHALL CONSIST OF:
 CRUSHED STONE OR GRAVEL HAVING A THICKNESS OF NOT LESS THAN 8" AND SURFACED WITH 3" OF ASPHALT.
4. THE BRICK PAVER APRON SHALL CONSIST OF:

8" GRANULAR BEDDING AND SAND HAVING A THICKNESS OF NOT LESS THAN 1" AND SURFACED WITH CONCRETE PAVING STONES OF NOT LESS THAN 2 3/8" THICKNESS.

APRON REPLACEMENT DETAIL CONCRETE, ASPHALT & BRICK PAVER					
SCALE	NONE	NO.	4	REVISIONS	BY DATE
DATE	7-29-92	NO.	5	CODE REV	SLW 1/01
DRAFTER	SLW	NO.	5	CODE REV	SLW 7/13
VILLAGE OF HOFFMAN ESTATES ENGINEERING DIVISION			FILE NAME:	SHEET NO.	
			DWDETAIL2.DWG	1 OF 1	