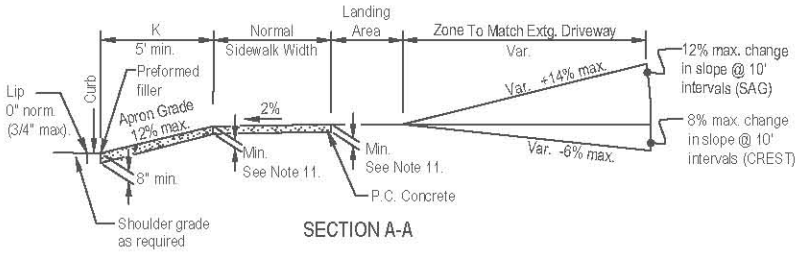
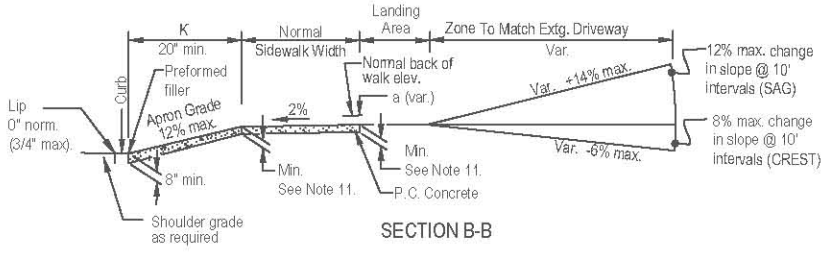
ENGINEERING & PUBLIC WORKS

DRIVEWAY IN SETBACK SIDEWALK



SECTION A-A



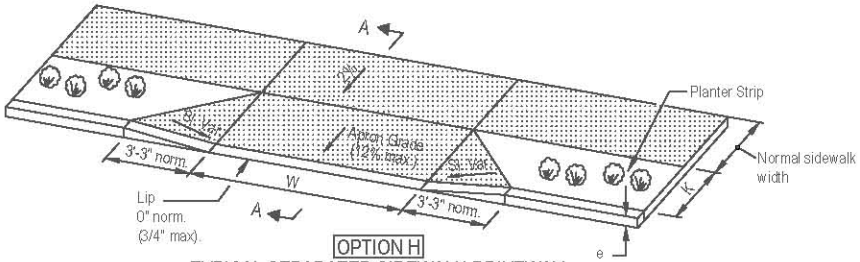
SECTION B-B

GENERAL NOTES:

1. 4' sidewalk width with 2% slope required through driveways. 3'-6" minimum width is acceptable where full sidewalk width is less than 6'.
2. Where existing driveway is in good condition and meets slope requirements, construct only as much as required for satisfactory connection with new work.
3. Check the gutter flow depth at driveway location to assure that the design flood does not overtop the back of sidewalk at driveway. If overtopping occurs place an inlet at upstream side of driveway or perform other approved design mitigation.
4. Equations may be calculated using feet or inches. Use same unit throughout equation.
5. Tooled joints are required at all driveway slope break lines.
6. Longitudinal slopes shown are relative to the running slope of the sidewalk.
7. At least 10' of driveway behind the sidewalk should be surfaced to prevent tracking of gravel onto the sidewalk.
8. All single family residential driveways and sidewalk sections through driveways shall have a nominal thickness of 6" of concrete. All other approaches shall be 8" thick.
9. Expansion joints shall be required only when new concrete structures are constructed abutting existing concrete structures unless otherwise directed.
10. Saw cut existing pavement a minimum of 24" from face of new curb or gutter.

TYPICAL DRIVEWAY DIMENSIONS (FT.)

	RESIDENTIAL	COMMERCIAL	INDUSTRIAL
MIN. WIDTH (W)	10	15	20
MAX. WIDTH (W)	30	40	40
MIN. RADIUS (R)	10	15	25
MAX. RADIUS (R)	25	50	50
MIN. ANGLE OF INTERSECTION (A)	45	45	45

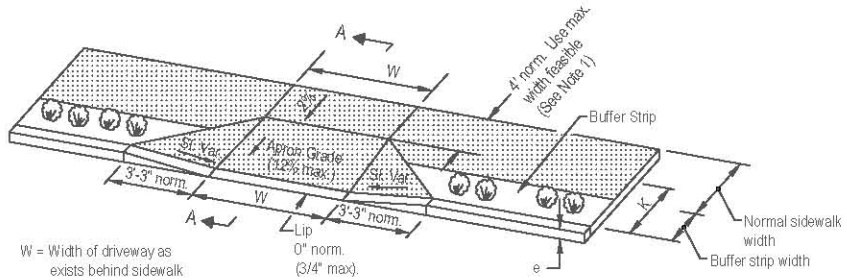


OPTION H

TYPICAL SEPARATED SIDEWALK DRIVEWAY

(Use Options M or N below if slope requirements shown in Section A-A can't be met)

K = Planter strip width as shown on plans

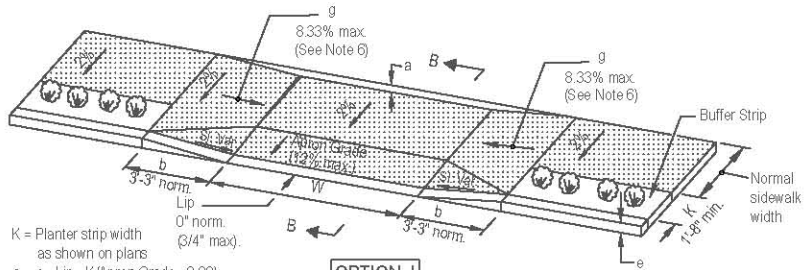


W = Width of driveway as exists behind sidewalk

K = Planter strip width as shown on plans

OPTION I

DRIVEWAY ENCROACHES INTO SIDEWALK



K = Planter strip width as shown on plans

a = e - Lip - K(Apron Grade - 0.02)

b = a/g

OPTION J

LOWERED SIDEWALK

NOTE: Dimensions a & b are nominal. Construct driveways to meet required slopes.

NOT TO SCALE

APPROVED BY:

Andrew B. Stone, PE, City Engineer & Director of Public Works

DRAWN BY: Alex Ray, EI

DATE: 8/16/12

STD. DRAWING #:

105