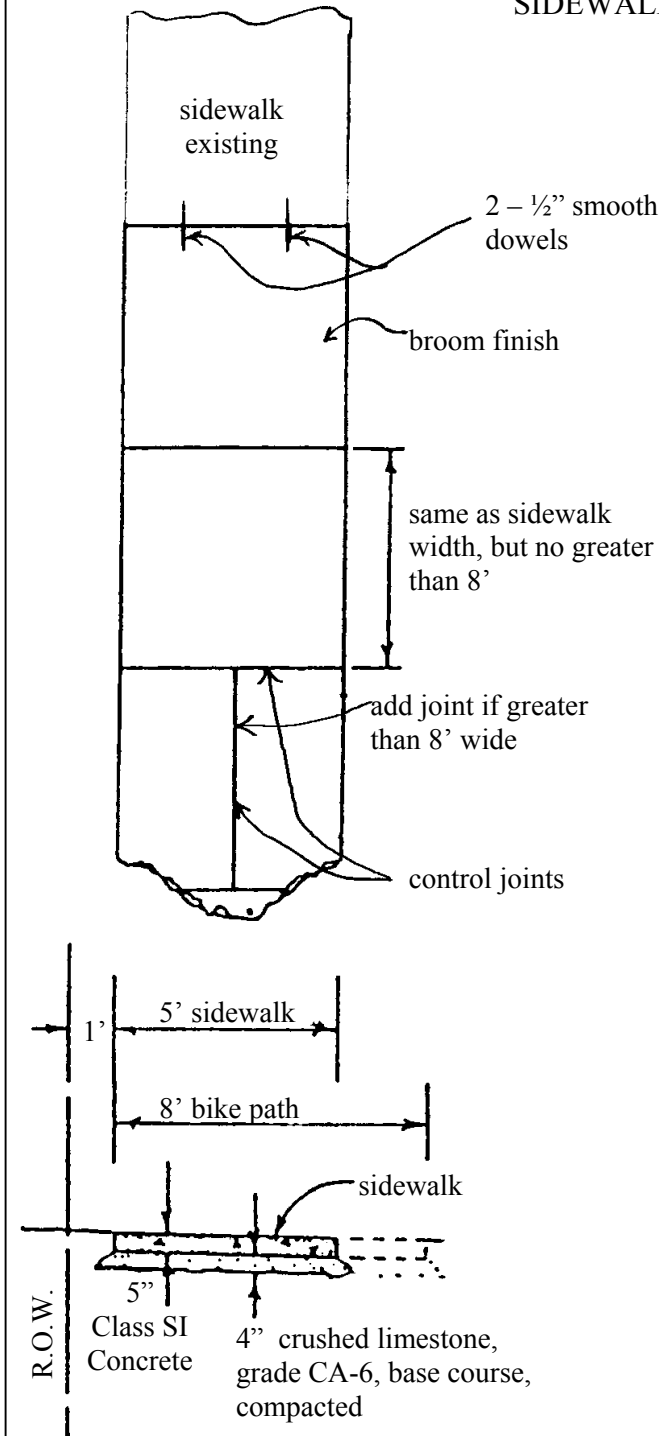


**VILLAGE OF VERNON HILLS
EXHIBIT NO. 29**

SIDEWALK



Notes:

1. Control joints shall be 1/8 to 1/4 inches wide and 1/4 of the sidewalk thickness deep. The edges of the control joints shall be given a 1/4 inch radius.
2. 3/4 inch thick preformed bituminous transverse expansion joints with 2 – 1/2” smooth dowels with caps shall be required at no more than 50 foot intervals, at the junction with back of curb, at expansion joints in abutting curb and/or pavement, and at a places where the flow of concrete is interrupted for more than 30 minutes. The expansion joint interval shall be adjusted so that as few expansion joints as possible will fall in driveway crossings, and none at curb depressions.
3. Sidewalk crossing driveway shall be at least 6 inches thick and shall be at least as strong as the driveway pavement itself.
4. 2 per cent cross-slope (max) for sidewalk. 2 to 8 per cent slope (max) for parkway slope.
5. Two #5 steel reinforcing bars shall be installed in the sidewalk at all trench crossings. They shall extend at least ten feet beyond the edges of the trench.
6. Sidewalk adjacent to curb is to be doweled. See exhibit No. 28-A for detail.
7. Provide method of cure per I.D.O.T. specifications.