

St'd. UD-2 underdrains are to be located under raised grass medians at locations discussed at field inspection and recommended by the Materials Division.

St'd. UD-2 underdrains are to be depicted on the plans as described for St'd. UD-1 underdrains. Care must be taken to insure proper treatment of drainage at the outlet end of the system.

St'd. UD-3 Sidewalk Underdrains are to be provided as determined at the project Field Inspection.

St'd. UD-4 or UD-5 pavement edgedrains will be provided, where recommended, to provide drainage for pavement subbase, in addition to St'd. UD-1's as recommended at F.I.

St'd. CD-1 underdrains are to be located where the proposed grade passes from a cut to a fill condition. They are to be placed only in cuts of appreciable length and in downgrade situations as shown in VDOT's Road and Bridge Standards. They are to be depicted as described for St'd. UD-1 underdrains.

St'd. CD-2 underdrains are to be placed in sag fill situations and at bridge approach slabs as indicated in VDOT's Road and Bridge Standards. They are to be depicted as described for Standard UD-1 underdrains.

Underdrains are to be provided in ramp gore areas to collect subsurface water on down grade situations as described in the <http://www.extranet.vdot.state.va.us/locdes/electronic%20pubs/2002%20Drainage%20Manual/pdf/drain-manual-chapter-15.pdf>

St'd. EW-12 is to be used at the outlet ends of all St'd. CD's and UD's which do not tie to other drainage structures.

DEMOLITION OF PAVEMENT - OBSCURING OLD ROAD

Demolition of pavement and obscuring old road are to be computed and depicted on plans as outlined in IIM LD-47. These items are to be shown on the plans after right of way has been plotted.

TREE WALLS AND TREE WELLS

The designer is required to review the proposed location and design of all tree walls and tree wells with the Environmental Division prior to inclusion in the plan assembly.

LABELING INCIDENTAL ITEMS

All incidental items, if not denoted individually, may be denoted by numbers within equilateral triangles having 3/8 inch (10 mm) sides with a description of the particular item shown in a conspicuous location on each plan sheet. Labeling should be consistent between plan sheets and typical sections.