

DRAFTING FINAL GRADING DIAGRAM & SUMMARY

A base Grading Diagram and Summary Sheet is available as a CADD file. This sheet has all the applicable notes and symbols for a typical Grading Diagram and Summary. Designers should use only notes, which are applicable to their project.

DRAINAGE SUMMARY

The Drainage Summary is usually set up with the identifying **sheet number and structure number** down the left side, the description of the item including the pay unit across the top, and a "Remarks" column down the right side.

On projects where an agreement has been reached between the Department and city/county that the city/county will participate in the cost of storm sewer construction (See IIM LD-146), the following note must be shown under the drainage summary and the items referenced by an asterisk.

*Denotes items to be paid for on the run-off ratio basis according to Commonwealth Transportation Board Policy, % City/County Cost.

Separate quantity summaries (including all structure related items) are to be shown on the plans and estimates for structures, measuring over 6.1 m (20 feet) along the centerline, that are classed as major structures and assigned a separate project number, e.g., B-601, D-603, (See [Section 2E-6-Project Length Tabulation](#)). In cases where the roadway fill and pavement is carried over but is not a part of the structure, the roadway quantities are not to be segregated on the plans and estimates but are to be included in the roadway project summary.

PAVEMENT SUMMARY

The Pavement Summary is usually prepared with identifying stations and lane down the left column, the description of the item and pay unit across the top, and a "Remarks" column down the right side (where necessary).

Instructional and Informational Memoranda must be checked for inclusion of all pertinent notes relative to pavement designs.