

Project:

Date Submitted:

Reviewed By:

Date:

Contents of preliminary drainage plan for the project as required by Section 153.124.03

A. The contents of the preliminary drainage plan shall include a map based on the most current county planimetric maps, or a topographic map prepared from a more recent aerial photo reconnaissance that provides more accurate data, complete with contour lines, and showing the following:

The extent and area of each watershed affecting the design of the drainage facilities for the project;

The soil types based on the most current information available from the SWCD;

Zone "A" floodplain based on the current FIRM panels;

The existing man-made and natural waterways, ponds, basins, pipes, culverts, and other drainage facilities or features within or affecting the project;

The preliminary layout and design of the streets, and all stormwater drainage facilities, including depressed pavements used to convey or temporarily store overflow from the heavier storms, and all outlets for the storm water drainage facilities;

The existing streams, floodways, and floodplains to be maintained, and new channels to be constructed, their locations, cross sections, profiles, and materials used;

The proposed culverts and bridges to be built, with the specific materials to be used, elevations, waterway openings, and the basis of their design;

Existing detention basins or ponds within the project, or outside the project but affecting it, to be maintained, enlarged, or otherwise altered, together with any new basins or ponds to be built; and their basis of design;

The estimated depth and amount of storage required of the basins and ponds;

The estimated location and percentage of impervious surface existing and expected to be constructed at completion of the project;

Any interim plan which is to be incorporated into the project pending its completion according to the final drainage plan.

B. Notations and Explanations on the Preliminary Plan. All notations necessary to indicate the existing conditions, and the proposed functions of the various features shown thereon.

C. Geographic Orientation Required. A north arrow, scale, location insert, and other information necessary for geographic clarification.

D. Data sufficient to support the feasibility of the preliminary drainage plan, including calculations of the predevelopment and post development runoff rates using rainfall data.

E. No preliminary drainage plan shall be recommended to the Area Plan Commission by their technical advisors unless the preliminary drainage plan shall be a workable plan according to the same criteria as, and capable of being incorporated into, a final drainage plan.

F. Determination of Sufficiency. The Posey County Soil and Water Conservation District-District Technician shall decide the sufficiency of the preliminary drainage plan, and any conditions or additional requirements to be applied to the preliminary drainage plan.

- Preliminary Drainage Plan is approved
- Preliminary Drainage Plan is not approved. Items checked above need to be provided.

Posey County Soil and Water Conservation
District Technician

Signature _____ Date _____