

APPENDIX 6

DRAINAGE PROJECT PLANNING, PRELIMINARY SURVEY, PRELIMINARY REPORT GUIDELINES CHECKLIST

Project Planning

While it is not a requirement of law it is highly recommended that a petitioned drainage project be reviewed for feasibility and practicability in coordination with the drainage authority, affected land owners, regulatory/permission (103E.011, Subd. 3)/permitting authorities, local water planners, and potential sources of external funds (103E.011, Subd. 5; 103E.015, Subd. 1a.) via informal meetings (Chapter 103E.043) prior to the preliminary survey.

The purpose of these meetings would be to help the drainage authority and its engineer define:

1. obstacles to successful completion of the drainage project before any large outlay of funds is made for the Preliminary Survey and Preliminary Report;
2. opportunities to accomplish environmental, land use, and multipurpose water management purposes as defined in the criteria of Chapter 103E.015.
3. a project pathway that would engage regulatory/permission/permitting authorities and potential external sources of funds early in the project timeline;

Preliminary Survey (103E.245)

Gather information to help answer questions related to private and public benefits and costs of the proposed drainage project

Answer questions related to the consideration of potential alternative measures including measures identified in applicable state-approved and locally adopted water management plans, to:

- (i) conserve, allocate, and use drainage waters for agriculture, stream flow augmentation, or other beneficial uses;
- (ii) reduce downstream peak flows and flooding;
- (iii) provide adequate drainage system capacity;
- (iv) reduce erosion and sedimentation; and
- (v) protect or improve water quality;

Create or help guide creation of the petition to include project and potential BMPs on system and off system.

Petition

Investigate potential sources of external funds.

Conduct preliminary survey.

Prepare preliminary plan.

Investigate sources and availability of external funds.