

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.