Frequently, flood debris removal is contracted out. This necessitates preparing and letting flood removal plans. The process starts by developing a concept. A concept typically consists of:

- A general location description.
- Photographs of the type of debris.
- Traffic control notes.
- Need for ROW.
- List of permits required. Work with the NEPA Coordinator in the Location and Environment Bureau to determine what permits are required for the project. Also work with the Preliminary Bridge Section in the Bridges and Structures Bureau to determine if a DNR Sovereign Land permit is required. These are typically maintenance projects, so follow Section 1D-2 to determine if a PPP is required.
- Letting date.
- Estimated cost.

Since debris commonly accumulates at bridges, how contractors will access the debris will need to be determined.

**Sample concept for flood debris removal plan**

Once a concept is complete, a plan is developed. Plans typically consist of:

- Title sheet with location map.
- C sheets with project quantities.
- EC standards.
- TC standards.
- Photographs.

**Sample flood debris removal plan**

Removal of Flood Debris is a 2101 contract item and is bid Lump Sum. The Developmental Specifications for Flood Debris Removal is associated with the contract item and is added by the Contracts and Specifications Bureau.
Chronology of Changes to Design Manual Section:

001D-021 Flood Debris Removal Plans

4/23/2020 NEW
New