

b. Photogrammetric Surveys

These types of surveys shall conform to **Chapter 5** of the VDOT Survey Manual, titled, “Photogrammetric Surveys”.

c. Hydraulic Surveys

These types of surveys shall conform to **Chapter 7** of the VDOT Survey Manual, titled, “Hydraulic Surveys”. These surveys are requested for the specific purpose of hydrologic and hydraulic opening evaluation and engineering. The VDOT Survey Manual establishes the methods and criteria to achieve the desired result. This section of the Manual contains guidance for the performance of Bridge Situation surveys and deliverables.

Sec. 12.04 **Right-of-Way, Boundary and Easement Surveys**

The majority of this work occurs after the Design Approval phase as depicted in the VDOT Project Development Process but before the Project Advertisement phase. This work requires good communication and coordination between Survey and Design team members during the project.

Sec. 12.04.1 **Description of Work and Guidance**

On October 28, 2009, the Department presented the DPOR with a letter entitled “Virginia Department of Transportation – Documents Required to be Signed and Sealed” outlining the documents to be signed and sealed.

On July 17, 2012, the Department sent an updated document to clarify the use of the right of way plan sheet, monumentation be set and the timing for setting final monumentation. The LS/PE board met on August 16, 2012 and accepted the clarification. On September 25, 2012, the full APELSCIDLA met and accepted the clarification letter.

L & D Survey and Right of Way have agreed upon the following work products and documentation includes:

- The Right-of-Way Section will record each acquisition recordation instrument with a right of way plan sheet for partial takes and a plat for total take parcels per the Right-of-Way Manual. Additional plats may be necessary and will be provided on an as needed basis.
- The right-of-way plan sheet or plat will be referenced in the conveyance documents.
- The Survey Section will provide acreage for fee take, permanent and temporary easements at the appraisal stage.
- The Right-of-Way Section will pay landowners for the replacement of lot corners. VDOT or a consultant will be responsible for setting the right of way corners once construction is complete.