

Chapter 13

Initial Engineering Design Process

The following are changes, additions or deletions to the January 2014, Topic #625-000-007, Plans Preparation Manual (PPM), for use on Turnpike projects only.

13.2 Initial Engineering Design (Phase I)

Add the following items

12. Identify seasonal high water and base clearance design high water (not peak design stage) elevation and check base clearance (PPM, Chapter 2).
13. Identify applicable project drainage criteria and constraints. Determine impacts to project design and schedule.

13.5 Support Services

Add the following items

21. Toll Operations
22. Environmental Permitting
23. ITS
24. Lighting/Electrical
25. Concepts
26. Architecture
27. Materials (pavement)

13.6 Preliminary Geometry, Grades, and Cross Sections

Add the following sentence at the end of 3rd paragraph

Refer to TPPPH Volume 1, Section 16.2.5.1, for specific submittal and coordination requirements of the preliminary line and grade.