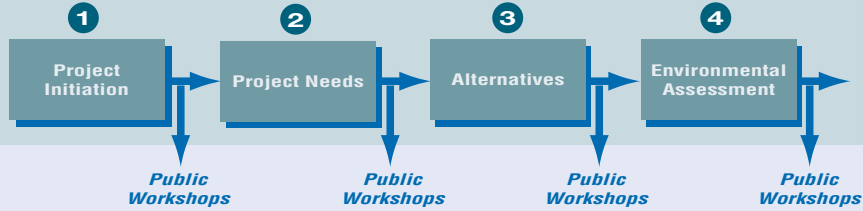


# TRANSPORTATION DESIGN PROCESS FLOWCHART

This flowchart generally outlines the transportation design process that each contract of the Blue Ball Properties Project must go through from Project Initiation to Construction.

## I DEVELOPMENT OF MASTER PLAN & ENVIRONMENTAL CLEARANCE



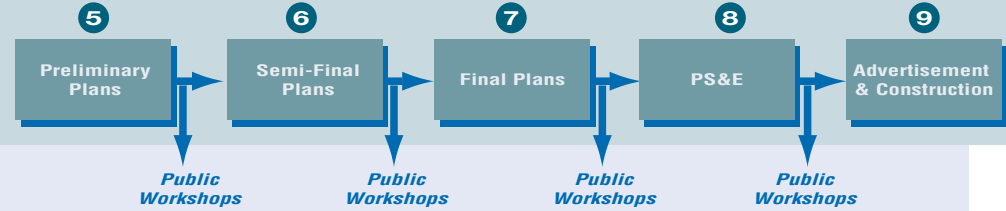
### 1 Project Initiation

### 2 Project Needs

**3 Alternatives** - One of a number of specific transportation improvement proposals, alignments, options, design choices, etc. in a study. Following detailed analysis, one improvement alternative is chosen for implementation.

**4 Environmental Assessment** – The initial determination of potential for significant environmental effects.

## II PROJECT IMPLEMENTATION



**5 Preliminary Plans** – The engineering and environmental studies associated with the development and comparison of alternate locations, alternate alignments, detailed analysis, on-going public and agency interaction, project review, and final selection of a project alternative.

**6 Semi-Final Plans** – The nearly developed detailed work of drawings, specifications, and cost estimates for transportation projects prior to Final Design.

**7 Final Plans** – The development of detailed working drawings, specifications, and cost estimates for transportation projects. Final Design follows the receipt of necessary design and/or environmental approval, and includes right-of-way acquisition and utility relocation.

**8 Plans, Specifications, and Estimate (PS&E) Submission** – The reference given to a transmittal of plans, specifications and cost estimates made from a preparing office to the Department for review and processing. This transmittal includes all written material and engineering data necessary to place a highway construction project under contract.

### 9 Advertisement & Construction