

Section 2-01

Design and Environmental Flowcharts

INTRODUCTION

General. The attached flowcharts outline the design and environmental processes for major road construction projects such as reconstruction, widen & overlay, etc. They are not intended for projects such as overlay projects which do not require an involved interaction between design disciplines or a building block approach to design development. A detailed discussion of the flowcharts and their related processes is provided in subsequent sections of Chapter 2.

NEPA Analysis and Documentation Flowchart: The National Environmental Policy Act (NEPA) is an established procedure to ensure all project stakeholders have a voice in shaping projects on the national highway system and other projects constructed with federal funds. The NEPA Analysis and Documentation Flowchart provides a graphical representation of the NEPA procedures to be applied.

Design Process Flowchart: Defines the design development process with nodes that delineate the linear progression of key plan issuances and activities. Shown above each node is the data required to complete the node task, and below each node is a list of the tasks required by each program or section to continue the design process. See Section 2-02 Design Process for specific details as to how a project design relates to the flowchart.

Environmental Process Flowchart: Overlays the NEPA process, with the major nodes of the WYDOT Design Process Flowchart to provide insight as to how the various processes interact with the overall project design. See Section 2-03 Environmental Process for specific details of the NEPA documentation to address the project impact and need.

Attachments:

NEPA Analysis and Documentation Flowchart - 1 Sheet (8½ x 11)

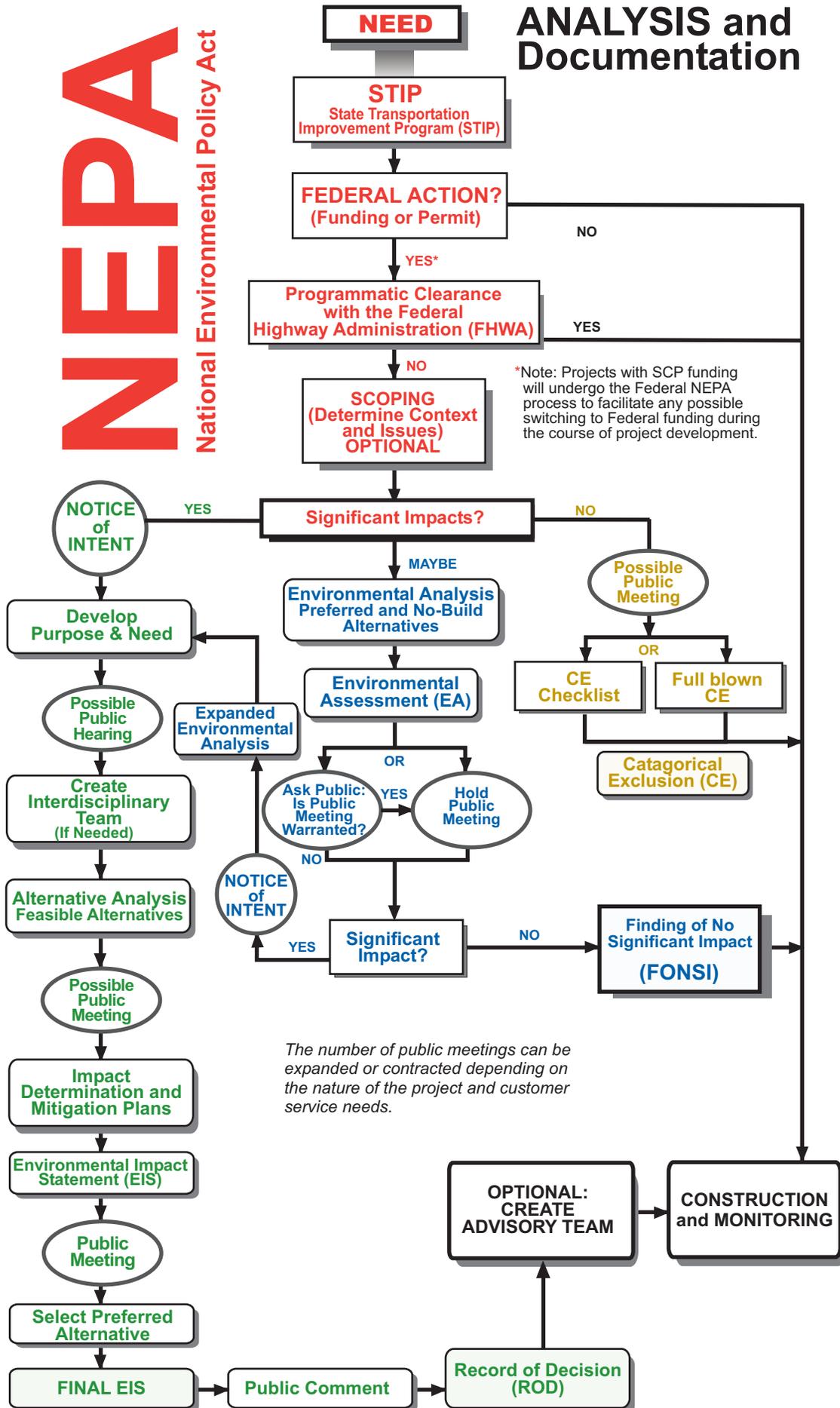
Design Process Flowchart - 3 Sheets (11 x 17)

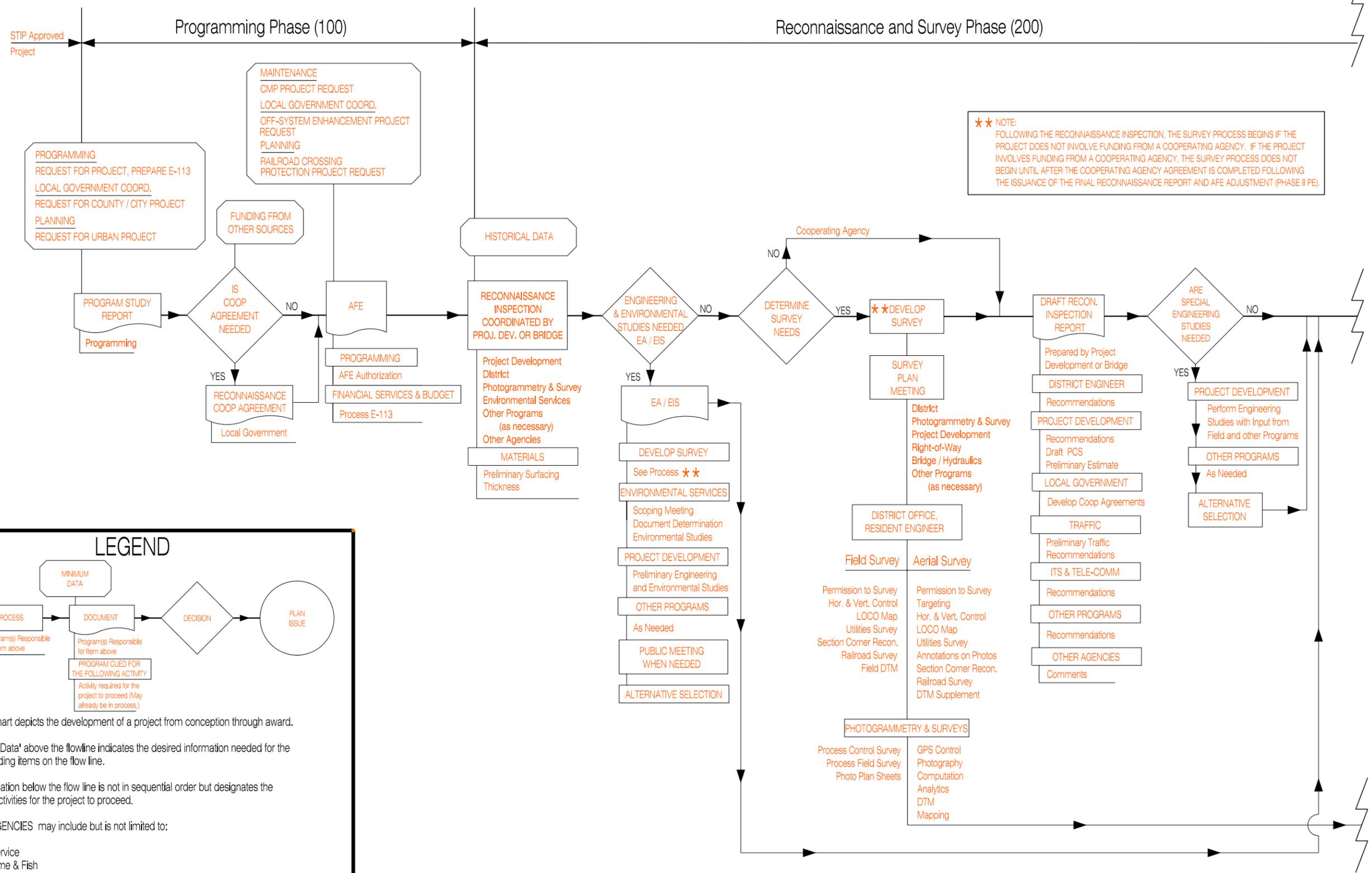
Environmental Process Flowchart - 3 Sheets (11 x 17)

NEPA

National Environmental Policy Act

ANALYSIS and Documentation





LEGEND

Flow Line → **PROCESS** → **DOCUMENT** → **DECISION** → **PLAN ISSUE**

- MINIMUM DATA** (above flow line): Program(s) Responsible for Item above
- PROCESS** (below flow line): Program(s) Responsible for Item above
- DOCUMENT** (below flow line): Program(s) Responsible for Item above
- DECISION** (below flow line): PROGRAM CUED FOR THE FOLLOWING ACTIVITY. Activity required for the project to proceed (May already be in process.)

This flowchart depicts the development of a project from conception through award.

"Minimum Data" above the flowline indicates the desired information needed for the corresponding items on the flow line.

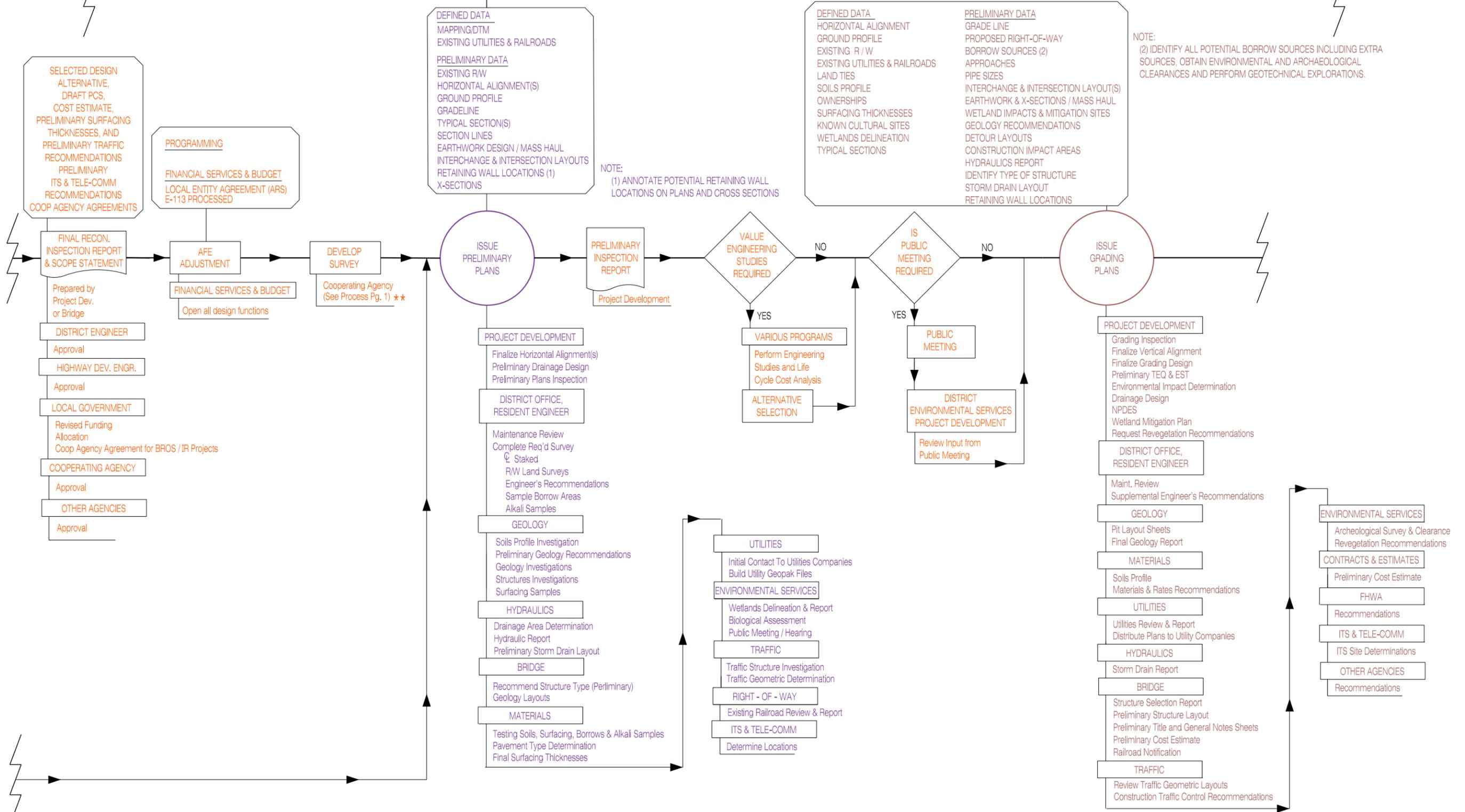
The information below the flow line is not in sequential order but designates the required activities for the project to proceed.

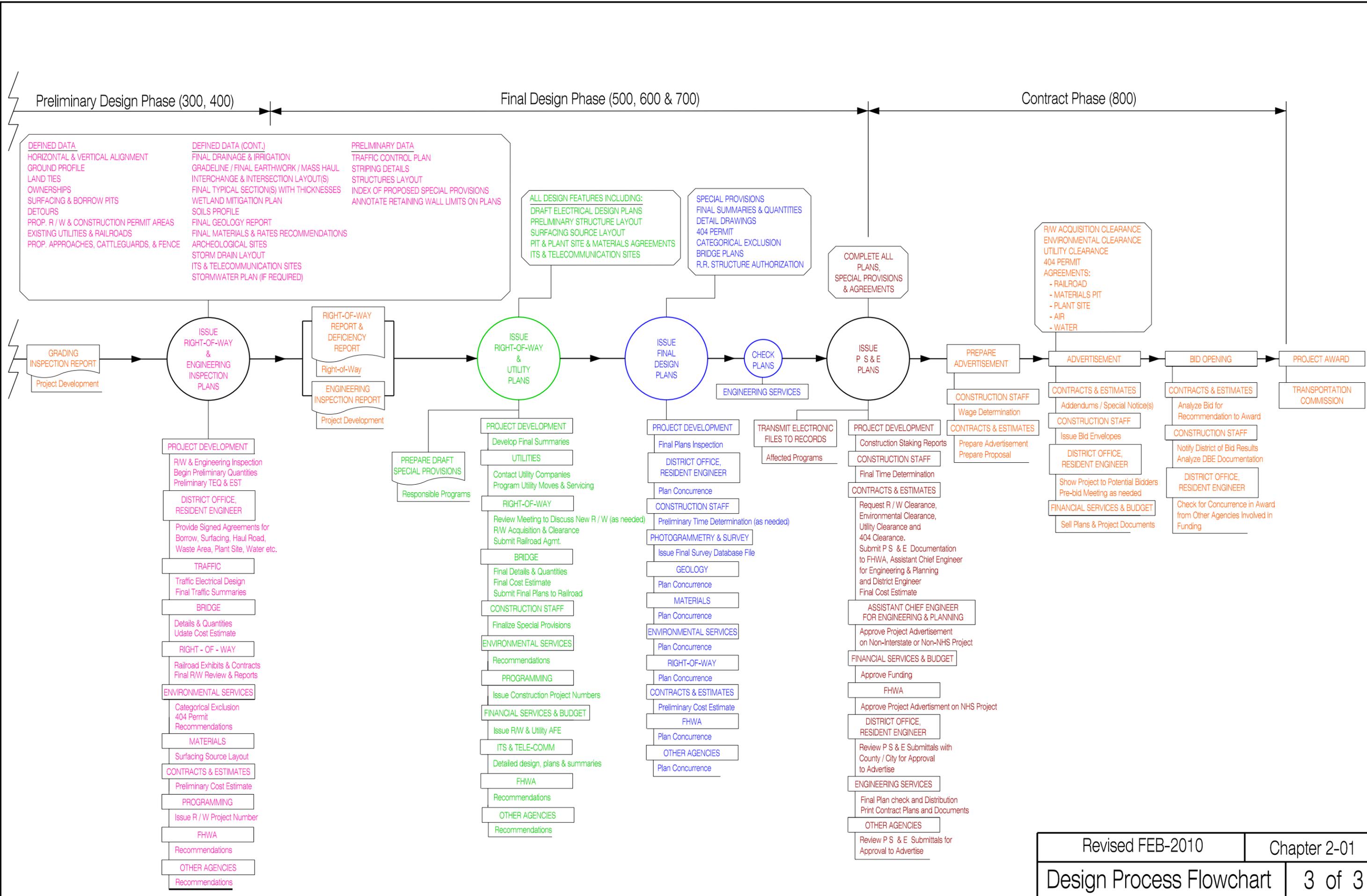
OTHER AGENCIES may include but is not limited to:

- BLM
- Forest Service
- State Game & Fish
- US Fish & Wildlife
- Irrigation Co-/District
- District Water Commission
- City and / or County
- Bureau of Reclamation
- FAA
- etc.

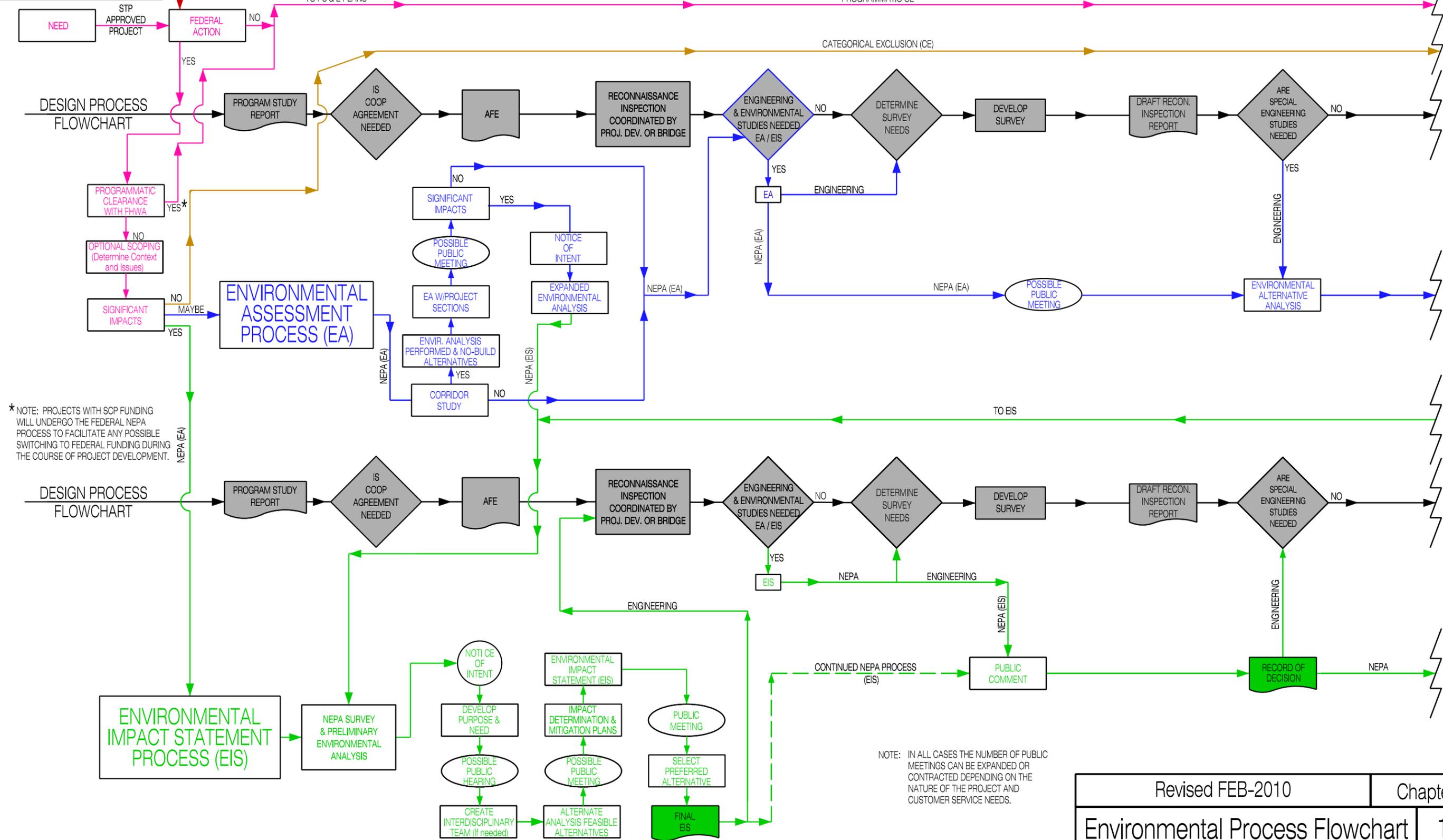
Reconnaissance and Survey Phase (200)

Preliminary Design Phase (300, 400)





**NEPA
(National Environmental
Policy Act)**



* NOTE: PROJECTS WITH SCP FUNDING WILL UNDERGO THE FEDERAL NEPA PROCESS TO FACILITATE ANY POSSIBLE SWITCHING TO FEDERAL FUNDING DURING THE COURSE OF PROJECT DEVELOPMENT.

