Applications of Witness, Log, Layout and Pavement Marking Plans

Pavement markings are placed or replaced using one or a combination of the following methods:

- Witness, Log, Layout (WLL)
- Reference to standard plans
- Pavement marking plan sheets

Descriptions and scenarios for each are listed below.

**Witness, Log, Layout**
- Returns pavement markings to pre-construction configuration
- Inventory and layout of markings is Contractor responsibility
- For when construction will not geometrically or functionally change the roadway
  - For example:
    - No addition/removal of turn lanes or signals
    - No changes in passing or no passing zones

**Referencing Standard Plans**
- Indicates placement per current standards
- Rarely sufficient as it does not address many variables (lane widths, storage lengths, etc.)
- For when the Contractor only needs to reconnect lines they can see both ends of
  - For example:
    - Bridge deck and/or approach work
    - Pavement patching projects

**Pavement Marking Plans**
- Should be used when changes to the roadway and/or markings are anticipated
- Include when neither of the above options will address marking layout needs for a project
- Can be used in conjunction with the above options
  - For example:
    - If a project is mill-and-fill except for the addition of a turn lane at an intersection, include a plan sheet for the intersection and include WLL to address the rest of the project
    - If a project includes signalizing an intersection and doing pavement repair on the crossroads, include a plan sheet for the intersection and reference standards for the repair areas

For further information, see Section 7.04.06 of the Road Design Manual.