

Design Advisory

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Index:
Road Design Manual
Section 7.04.06

This advisory is superseded by any subsequent revisions to the references listed in this index.

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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 signaling 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.