Overlaps

Field Reference Guide

1. UNDERSTAND WHAT AN OVERLAP DOES

- An overlap lets one signal output run with parent phases
- It is used when a movement does not fit into a single phase assignment

2. IDENTIFY THE MOVEMENT BEING CONTROLLED

- Identify which indication or movement needs overlap operation
- Confirm whether it supports a turn, pedestrian movement, or flasher

3. CONFIRM THE PARENT PHASES

- Identify which phases should control the overlap
- Ensure the parent phases match the intended intersection operation

4. REVIEW COMMON OVERLAP APPLICATIONS

- Use overlaps for movements like right-turn overlaps and flashing yellow arrows
- Overlaps can also support pedestrian scrambles and warning flashers

5. SET UP THE OVERLAP LOGIC

- Program the overlap so it follows the correct parent phases
- Confirm the overlap activates only under the proper conditions

6. CHECK FOR CONFLICTS

- Review the setup to avoid conflicting movements
- Confirm the displayed indications match the agency's timing plan

7. VERIFY THE FIELD INDICATORS

- Observe the signal heads in the field during operation
- Confirm the correct indications display at the correct time

8. DOCUMENT AND CONFIRM OPERATION

- Record the overlap setup, parent phases, and intended application
- Confirm the final operation supports the intersection design and agency requirements