NOTES

1. To prevent "flash-conflict" problems, insert red flash program blocks for all unused vehicle load switches in the output file. The installer shall verify that signal heads flash in accordance with the signal plans. } Ⓐ
2. Program phases 4 and 8 for Dual Entry. } Ⓑ
3. Enable Simultaneous Gap-Out for all phases. } Ⓒ
4. Program phases 2 and 6 for Variable Initial and Gap Reduction } Ⓓ
5. Program phases 2 and 6 for Start Up In Green. } Ⓔ
6. Program phases 2, 4, 6 and 8 for 'STARTUP PED CALL'. } Ⓕ
7. Program phases 2 and 6 for Yellow Flash, and overlaps 1 and 2 as Wag Overlaps. } Ⓖ
8. The cabinet and controller are part of the (insert) System. } Ⓗ

Notes

All electrical details have a section of notes. A typical set for a 2070 design is shown above. Unneeded notes should be removed. Additionally, if there is a need to highlight an unusual setting or feature about the signal design that is not covered elsewhere on the electrical detail, a custom note can be added to this space.

Usage guidelines:

Ⓐ Flash setup note - the first sentence, concerning flash color setup on unused load switches, may be omitted if all load switches are used. The second sentence is always used.

Ⓑ Dual Entry note - directs that the indicated phases be programmed for Dual Entry. The '2070L Timing Chart' on the signal plan will specify which phases require this feature.

Ⓒ Simultaneous Gap-Out note - directs that all phases be programmed for Simultaneous Gap-Out. This note always appears and never requires modification.

Ⓓ Variable Initial and Gap Reduction note - directs that the indicated phases be programmed for these timing features. If the '2070L Timing Chart' on the signal plan has timing values for 'Seconds Per Actuation' and 'Max Variable Initial', that phase should be programmed for Variable Initial. If values are shown for 'Time Before Reduction', 'Time To Reduce', and 'Minimum Gap', the phase should be programmed for Gap Reduction.

Ⓔ Controller Start Up note - in general, the controller should be programmed to start up in the phase or phases that flash yellow. If no phases flash yellow, the controller needs to be programmed to start up in a red clearance interval. If this is the case, consult the signal plan designer to see if there is a preference about what phase(s) should be served first.

Ⓕ Startup Ped Call note - any ped phases that will be in use during normal operation should be listed here.

Ⓖ Yellow Flash note - this ensures phases 2 and 6 flash yellow during controller flash. Wag overlap programming flashes overlap 1 (OLA) and overlap 2 (OLB) concurrently with phases 1 and 6 (typically for FYA applications).

Ⓗ System note - if the signal is part of a closed loop or urban traffic control system, the system type and/or name (if available) is listed here.

Notes

SIGNALS MANAGEMENT SECTION
TRANSPORTATION MOBILITY AND SAFETY DIVISION
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