



## Product Type: Controllers

Reference: AN2048A  
Date: 4 January 2008

### British Columbia Left Turn Flash at 2.5 PPS

## Purpose

This Application Note shows you how to program the British Columbia left turn flashing green ball in Logic Processor (LP) Statements 101-104. However, in the example that follows,

- If you use other Logic statements, substitute them for 101-104.
- If you use Logic Flags other than 1,3,5,7, substitute them for LOGIC FLAG 1,3,5,7.

## Applications

1. Program the ASC3.ext file, as follows:

```
CONFIG=British Columbia
1,101,101,Phase 1 green flash at 2.5 PPS
1,102,102,Phase 3 green flash at 2.5 PPS
1,103,103,Phase 5 green flash at 2.5 PPS
1,104,104,Phase 7 green flash at 2.5 PPS
```

2. Use the Windows application to program LP statements 101-104.

A. In MM-1-8-2, program LP steps, as shown below:

```
-----
LP 101
IF GREEN ON PHASE 1 IS ON
AND LOGIC FLAG 1 IS ON

THEN DELAY FOR 0.2 SECONDS
SET LOGIC FLAG 1 OFF

ELSE SET PHASE GREEN 1 OFF
DELAY FOR 0.2 SECONDS
SET LOGIC FLAG 1 ON
-----
LP 102
IF GREEN ON PHASE 3 IS ON
AND LOGIC FLAG 3 IS ON

THEN DELAY FOR 0.2 SECONDS
SET LOGIC FLAG 3 OFF

ELSE SET PHASE GREEN 3 OFF
DELAY FOR 0.2 SECONDS
SET LOGIC FLAG 3 ON
-----
```



## Controllers

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```

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LP 103
IF GREEN ON PHASE 5 IS ON
AND LOGIC FLAG 5 IS ON

THEN DELAY FOR 0.2 SECONDS
SET LOGIC FLAG 5 OFF

ELSE SET PHASE GREEN 5 OFF
DELAY FOR 0.2 SECONDS
SET LOGIC FLAG 5 ON
-----
LP 104
IF GREEN ON PHASE 7 IS ON
AND LOGIC FLAG 7 IS ON

THEN DELAY FOR 0.2 SECONDS
SET LOGIC FLAG 7 OFF

ELSE SET PHASE GREEN 7 OFF
DELAY FOR 0.2 SECONDS
SET LOGIC FLAG 7 ON
-----

```

B. Save the ASC3.db

3. Load the modified ASC3.ext and ASC3.db files into the ASC/3 controller.

**NOTE:** The options will be enabled, but you can disable them in MM-2-6-2.