

Safe Stop Technology

☐ Level 1

Before end of green and dilemma zone
safety for two high speed approaches

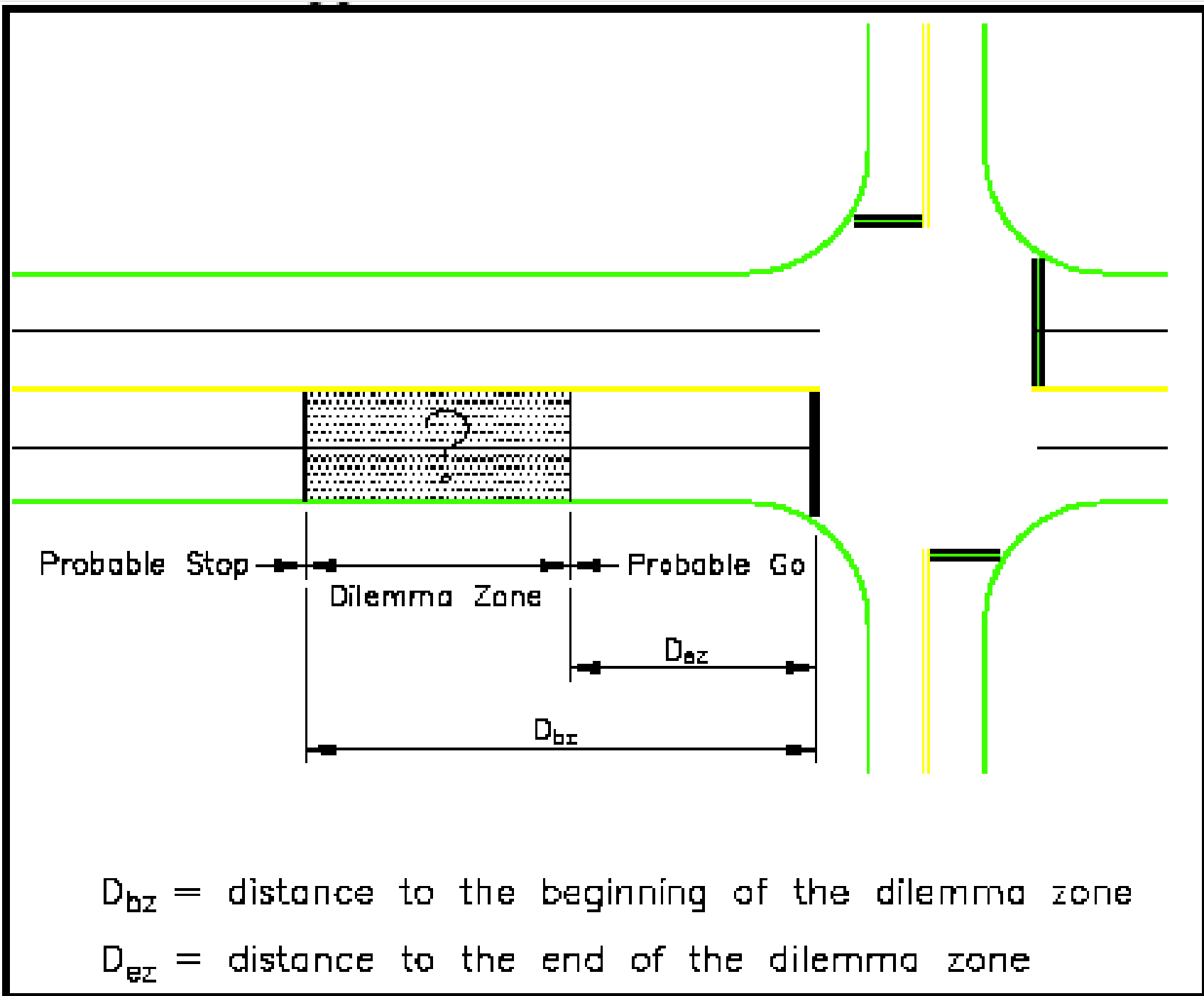
☐ Level 2

Level 1 plus all Red hold to enhance
safety

☐ Level 3

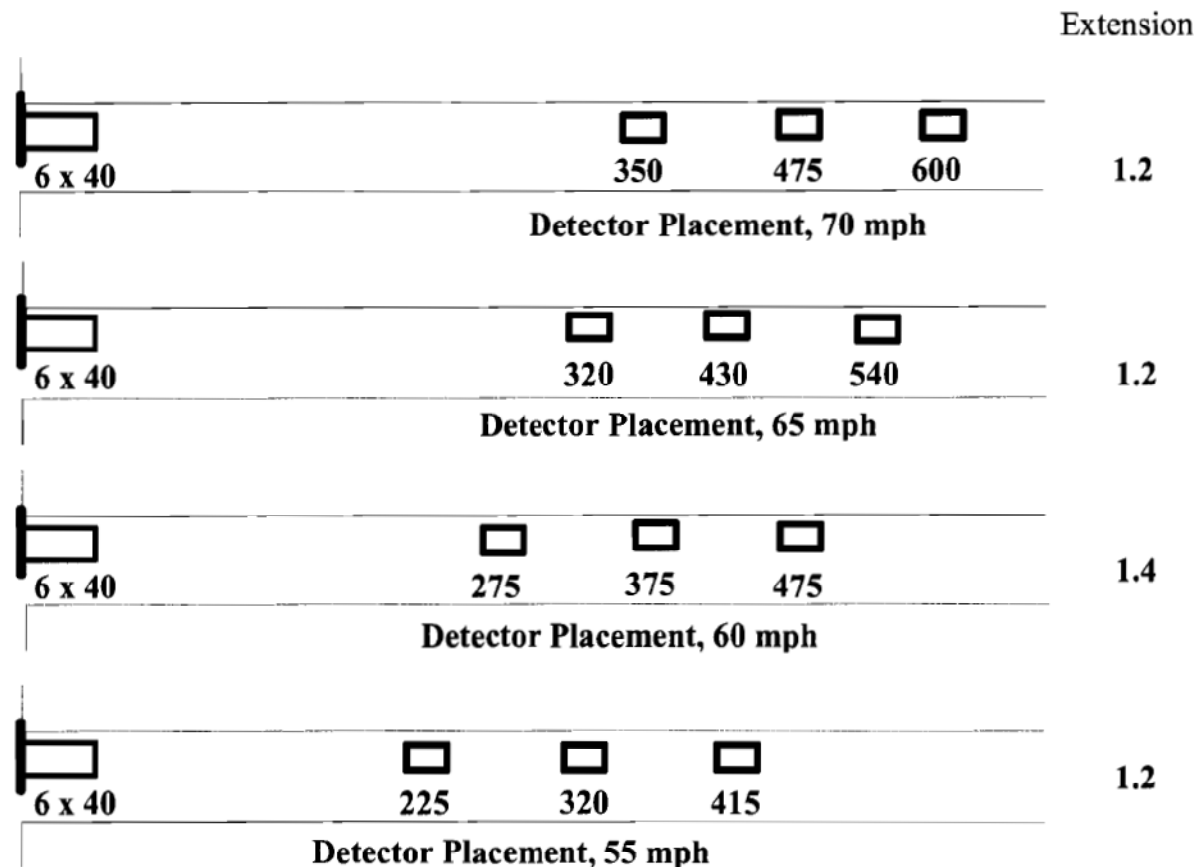
Level 2 working at 4 high speed
approaches

What Is the Dilemma Zone ?



Current Inductive Loop Dilemma Zone Placement

HIGH SPEED DETECTOR LAYOUT – July 2005



From TTI 0-4260-4 Research Project

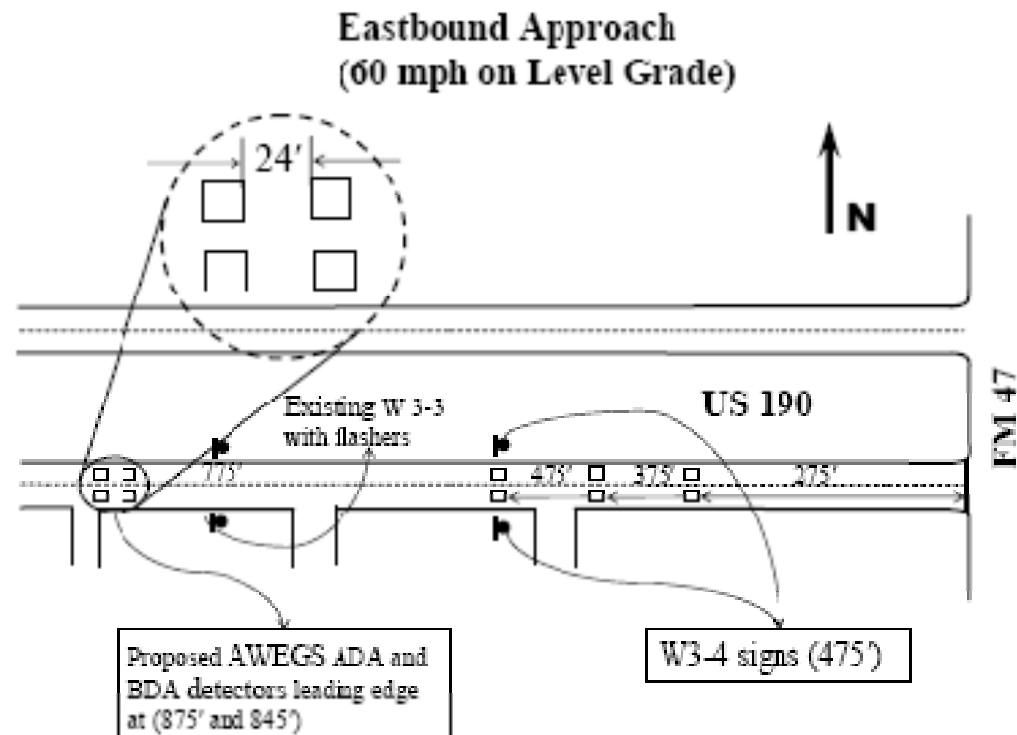
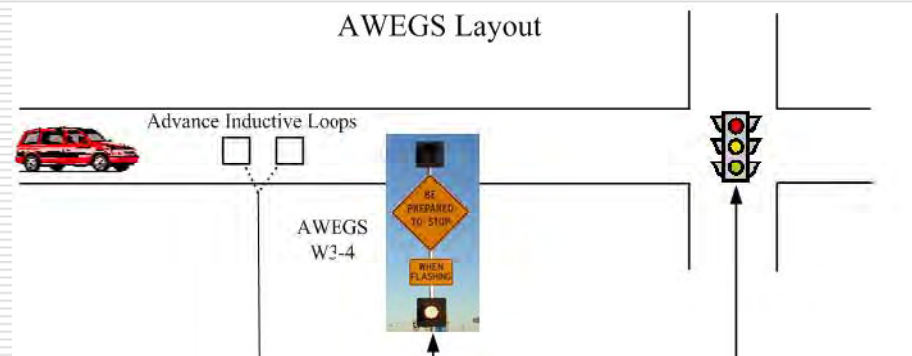
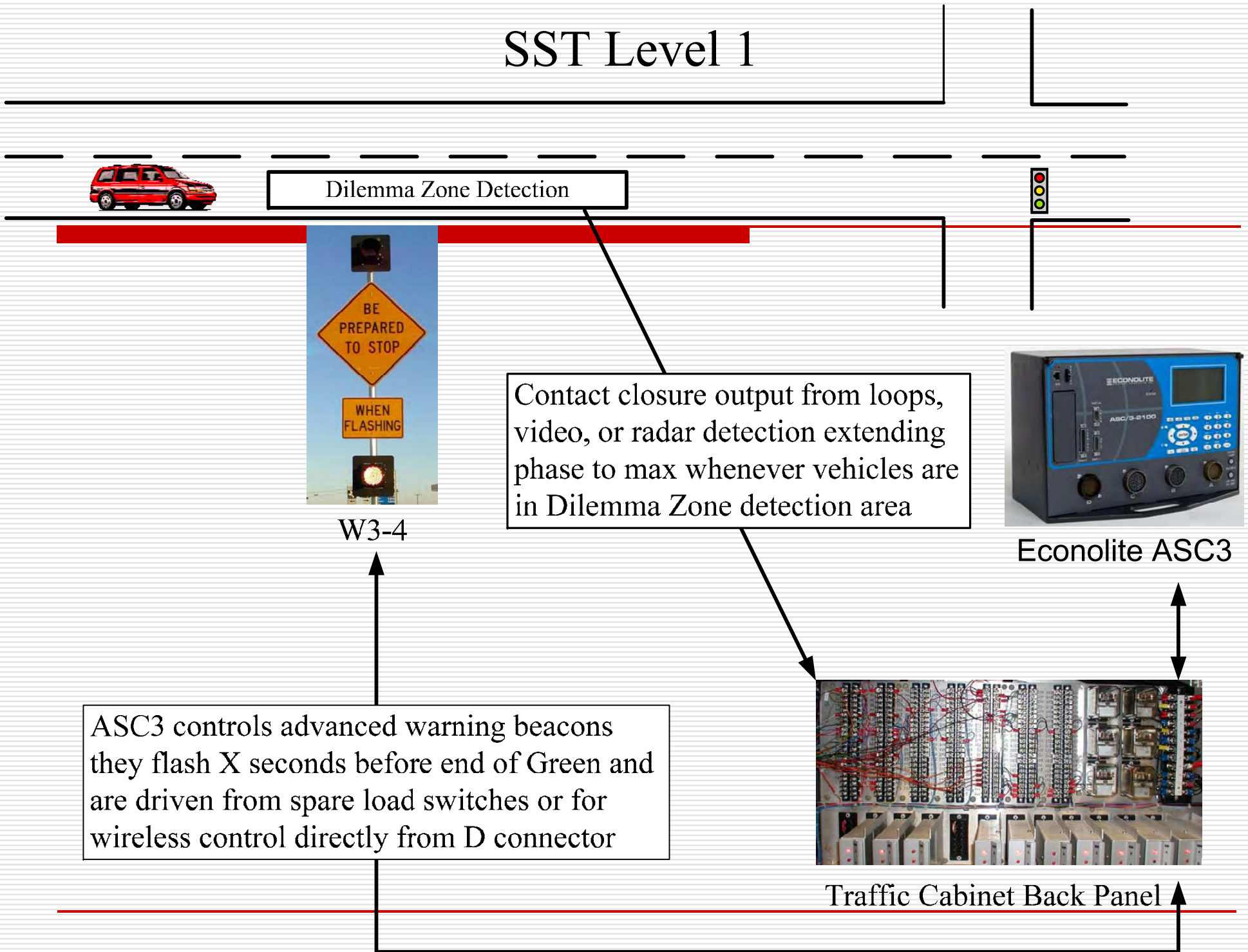


Figure 5. Summary of Existing Conditions of High-Speed Approach and Proposed Layout of AWEGS Detectors and Signs.



Replace AWEGS with ASC3 running customizable logic

SST Level 1



Safe Stop Technology

- ❑ SST is easy to customize
- ❑ Extended features are displayed

```
*****
* ECONOLITE CONTROL PRODUCTS, INC. *
*                                     *
*          ASC/3-2100                *
*      Copyright (C) 2004-2009       *
*                                     *
*      Solutions that Move the World *
*                                     *
*Econolite Proprietary - For Demo Only *
* SOFTWARE.....12.47.00 *
* Do not use or redistribute without *
*   Econolite's authorization        *
* EXTENDED FEATURES.....SST 2 & 6 *
* CONFIGURATION.....TSP-N3000 *
*          WARM START                *
*****
```

Safe Stop Technology

- ❑ MM-2-6-2
- ❑ Enables or Disables the Feature

OPTION DATA SUBMENU

1. CONTROLLER OPTIONS
2. EXTENDED OPTIONS

PRESS KEYS 1...2 TO SELECT

EXTENDED OPTIONS

EXTENDED FEATURES [SST 2 & 6]

SST ON..... ON

PRESS TOGGLE TO CHANGE

Safe Stop Technology

- ❑ Easy to customize
- ❑ MM-1-8-2 logic processor statement 1
cursor down to third line and over to
the number 5 to change it.

```
LP#: 1 COPY FROM: 1 ACTIVE:M TRUE
IF CTR MIN GRN THR R1 IS 0 T
AND CTR MAX GRN THR R1 < 5 T

THEN LP SET LOGIC FLAG 5 ON
ELSE LP SET LOGIC FLAG 5 OFF
```

Safe Stop Technology

- ❑ Logic processor statement 1 controls ring 1 advanced warning startup time
- ❑ Logic processor statement 2 controls ring 2 advanced warning startup time

Advanced warning startup time is usually 5 to 7 seconds depending on grade and amount of truck traffic

[illegible]

Questions?

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