Cyclists at Wide Intersections

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Problem Description

► Intergreen Time insufficient for Cyclists

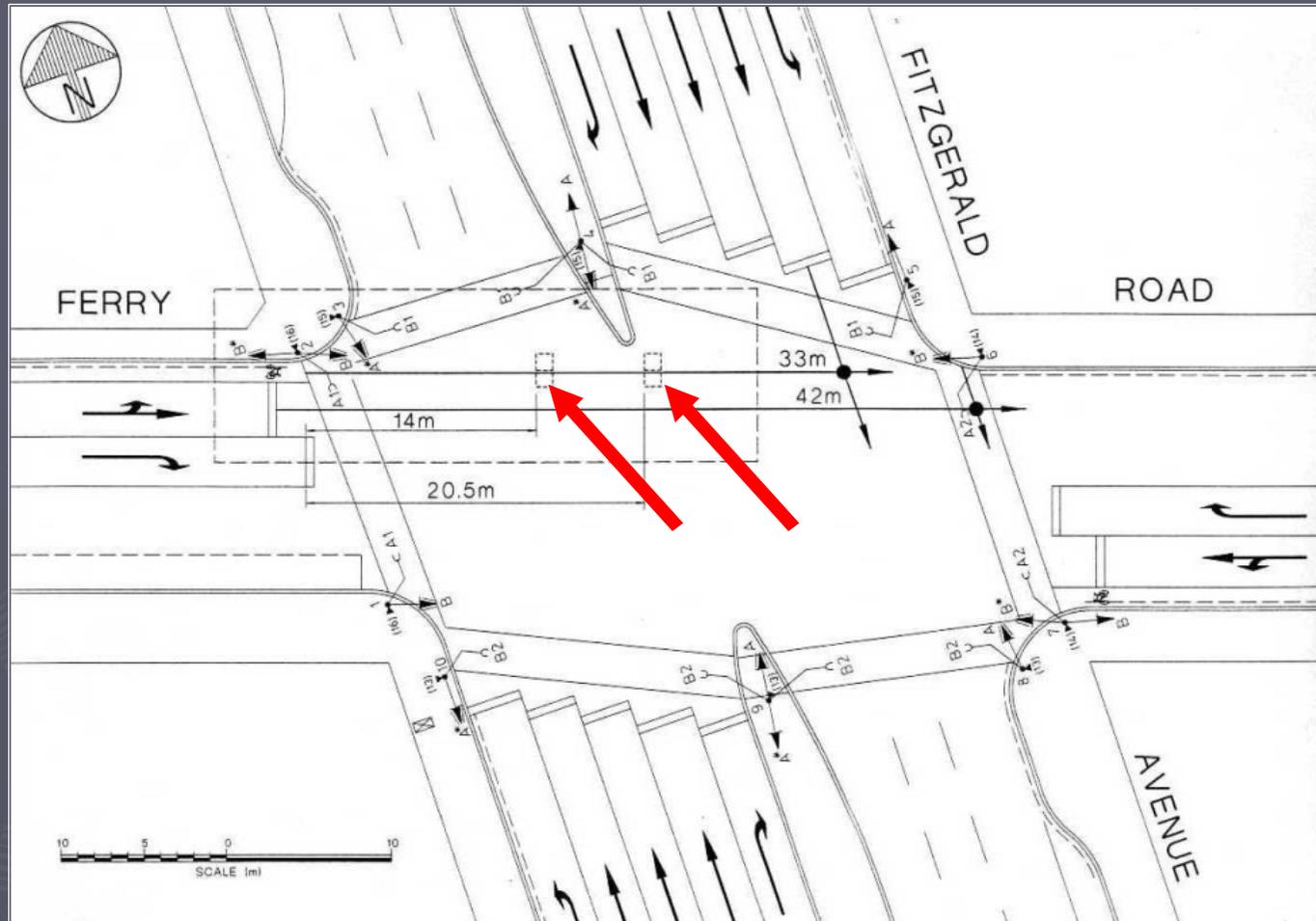► Cross Traffic may start before cyclist has finished crossing the Intersection

Example

►Please download the movie file from the website.

Treatment

Two detector loops

Extend all-red on demand
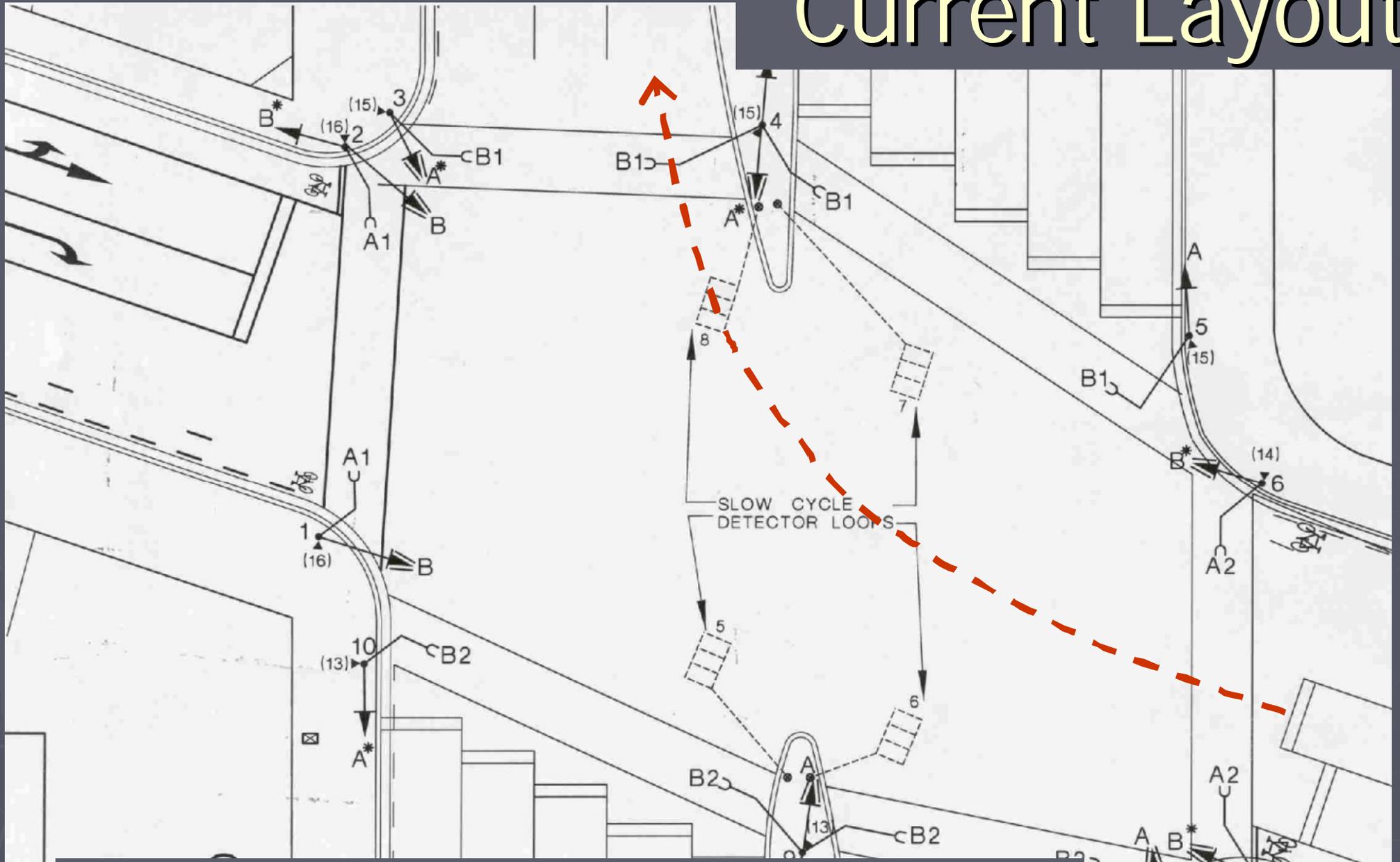
Installation

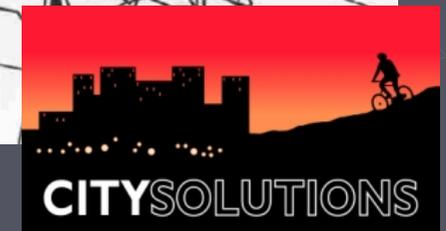*Loops installed early 2001*

Evaluation

► **Problem with Loop Placement**

- Slow Cyclists missing Loop
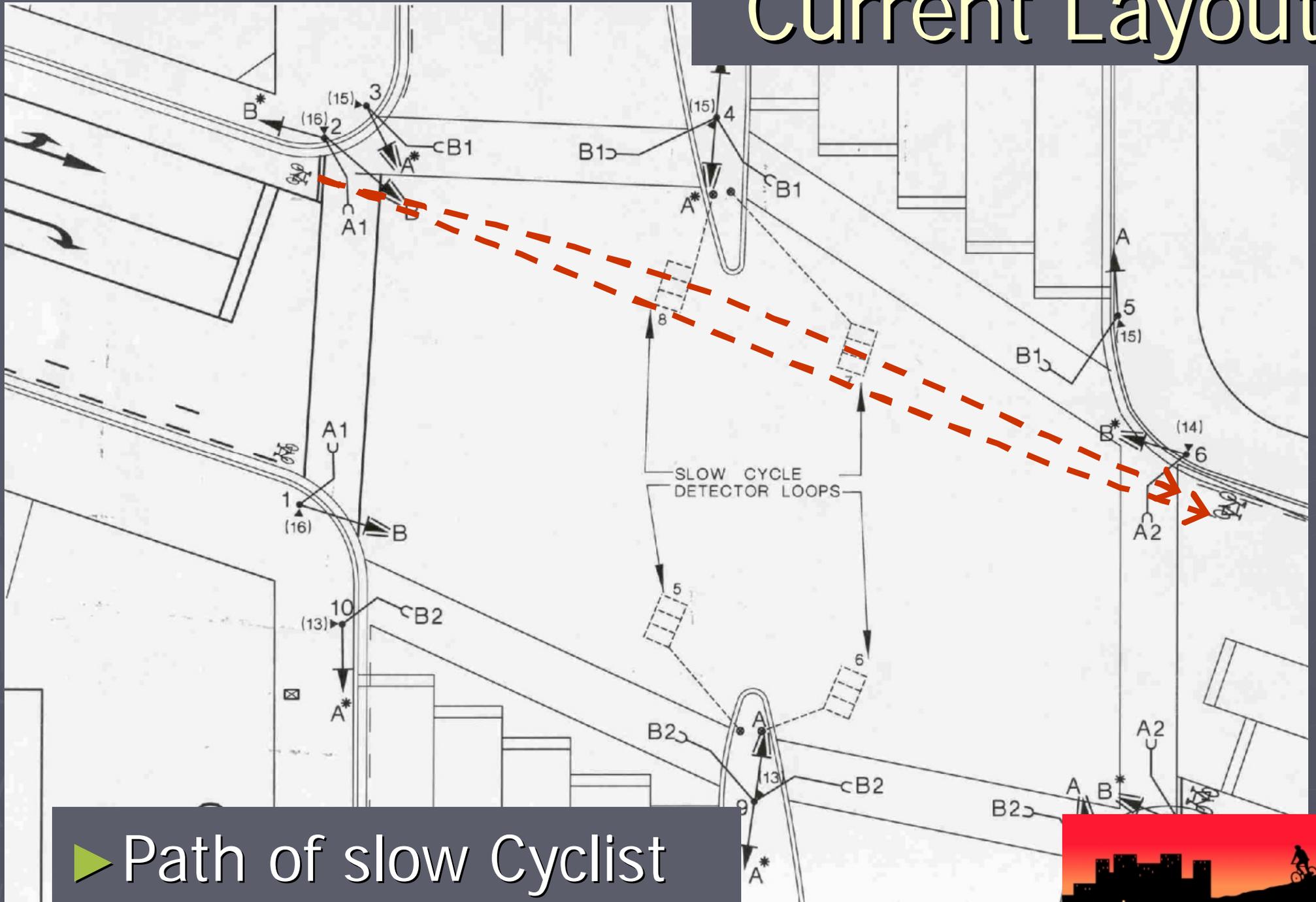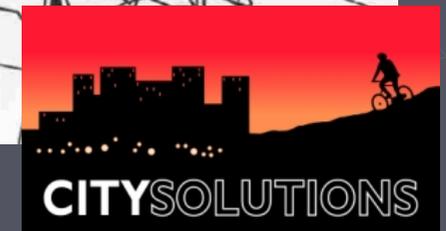- Right turning Vehicles generally trigger first Extension
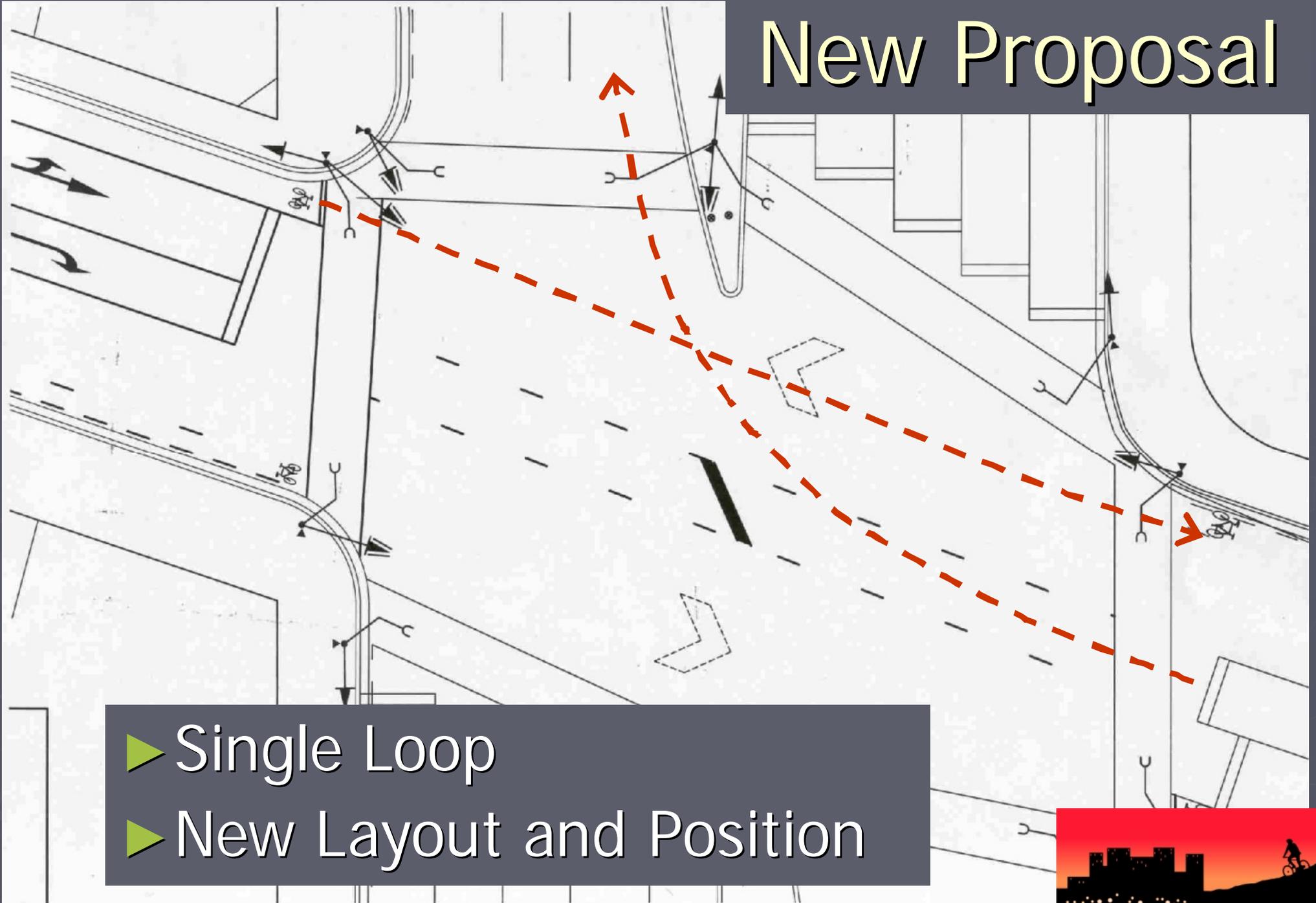
► Path of right turning Vehicle

SLOW CYCLE
DETECTOR LOOPS

▶ Path of slow Cyclist

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New Proposal

▶ Single Loop
▶ New Layout and Position

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Conclusions

▶ Problem seems solved

▶ Cost-effective Treatment

▶ Safe for Cyclists to cross