

AOCL+B PROJECT

*Railway Engineers Forum
Young Railway Professional Presentation
2013*

Brendan Cassidy

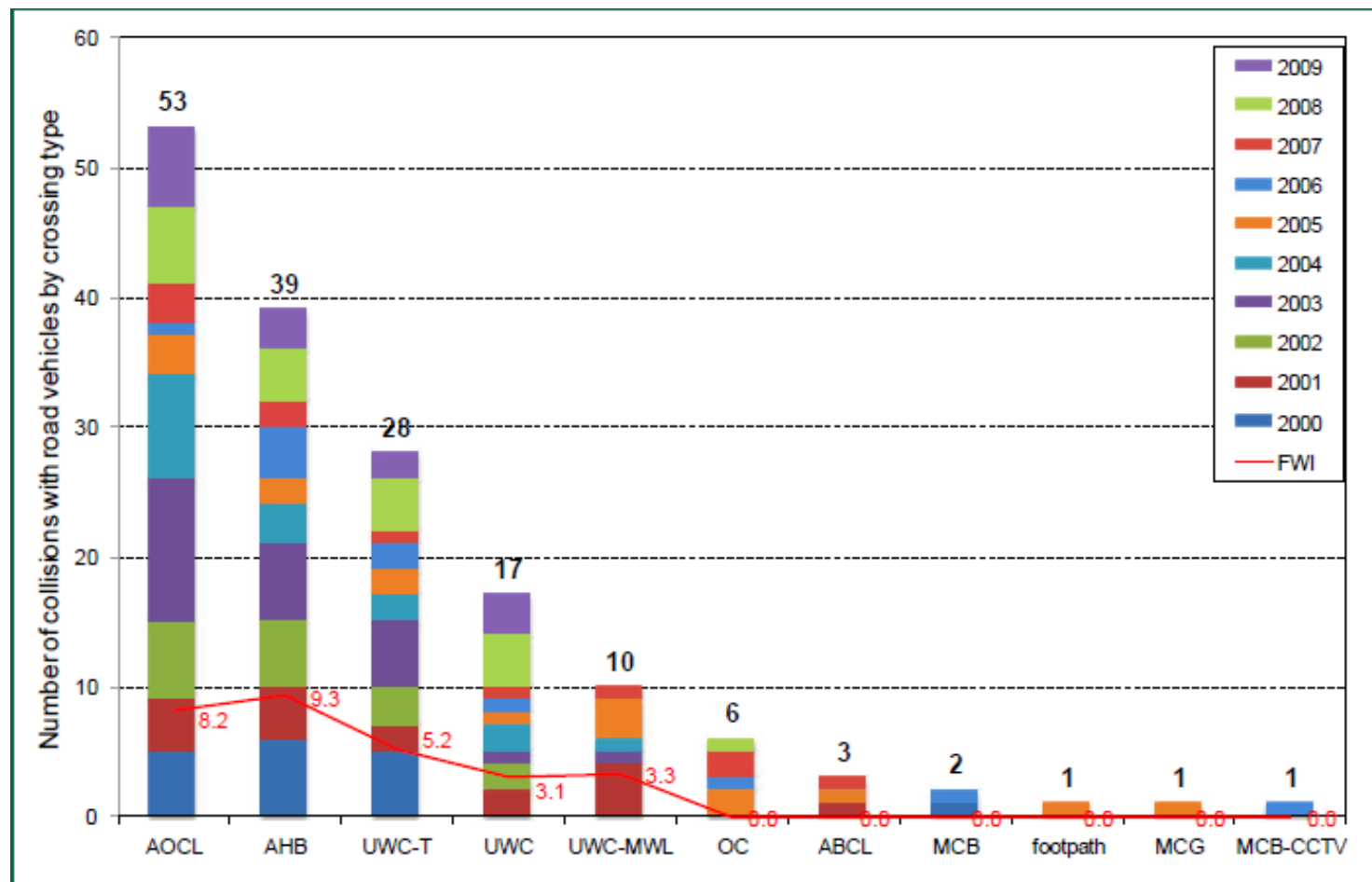
AOCL+B

- AOCL RAIB Investigation
- AOCL+B Concept
- My Role
- Works Delivery Scotland
- Progress
- Questions

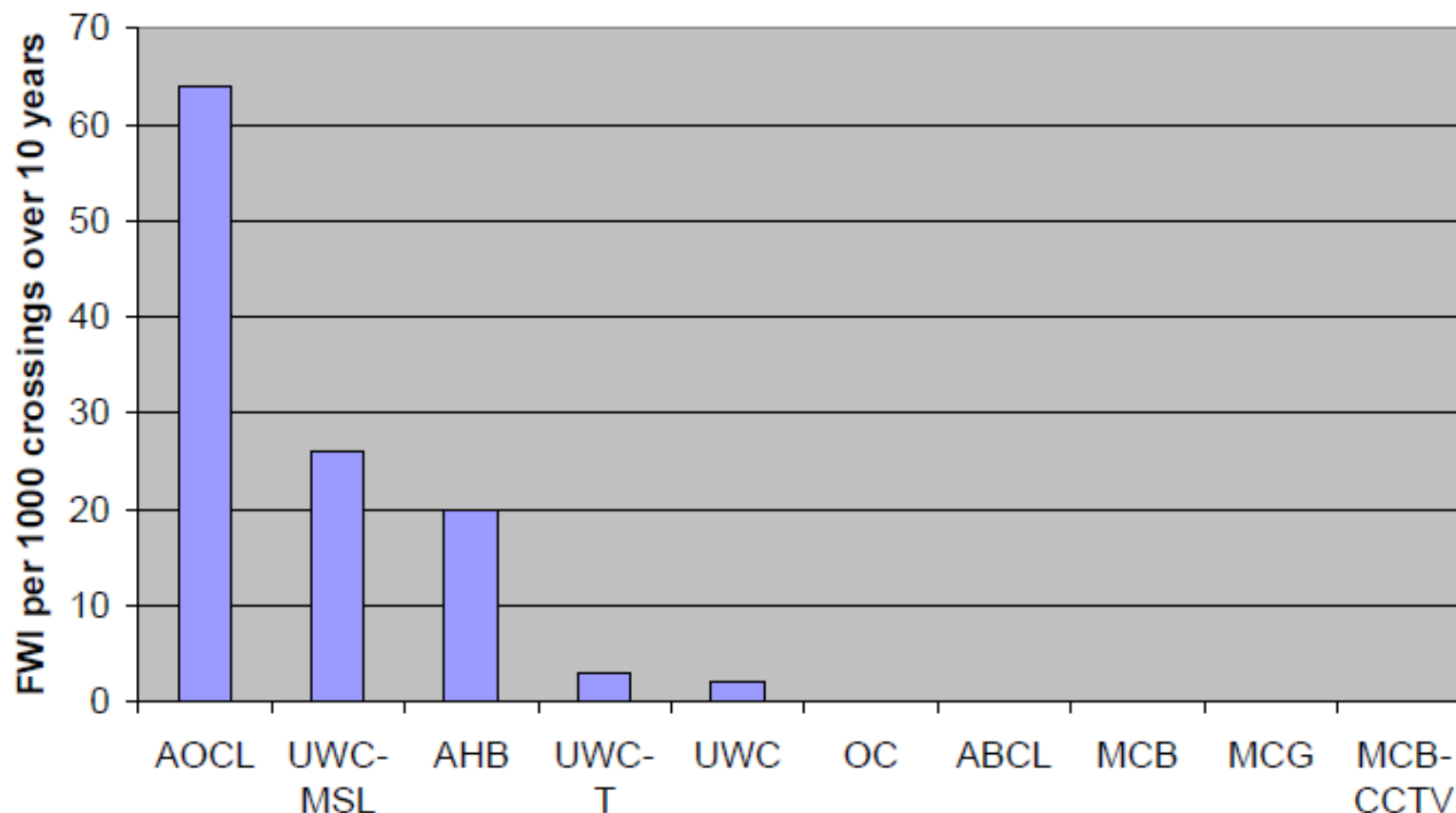
AOCL – RAIB Investigation

- 2009 RAIB conduct investigation into safety at AOCL
 - 3 fatalities (Halkirk, September 2009)
 - 1 fatality (Wraysholme, November 2008)
- Recommendation to upgrade highest risk AOCLs by fitting barriers, or implementing other safety measures to deliver an equivalent level of safety

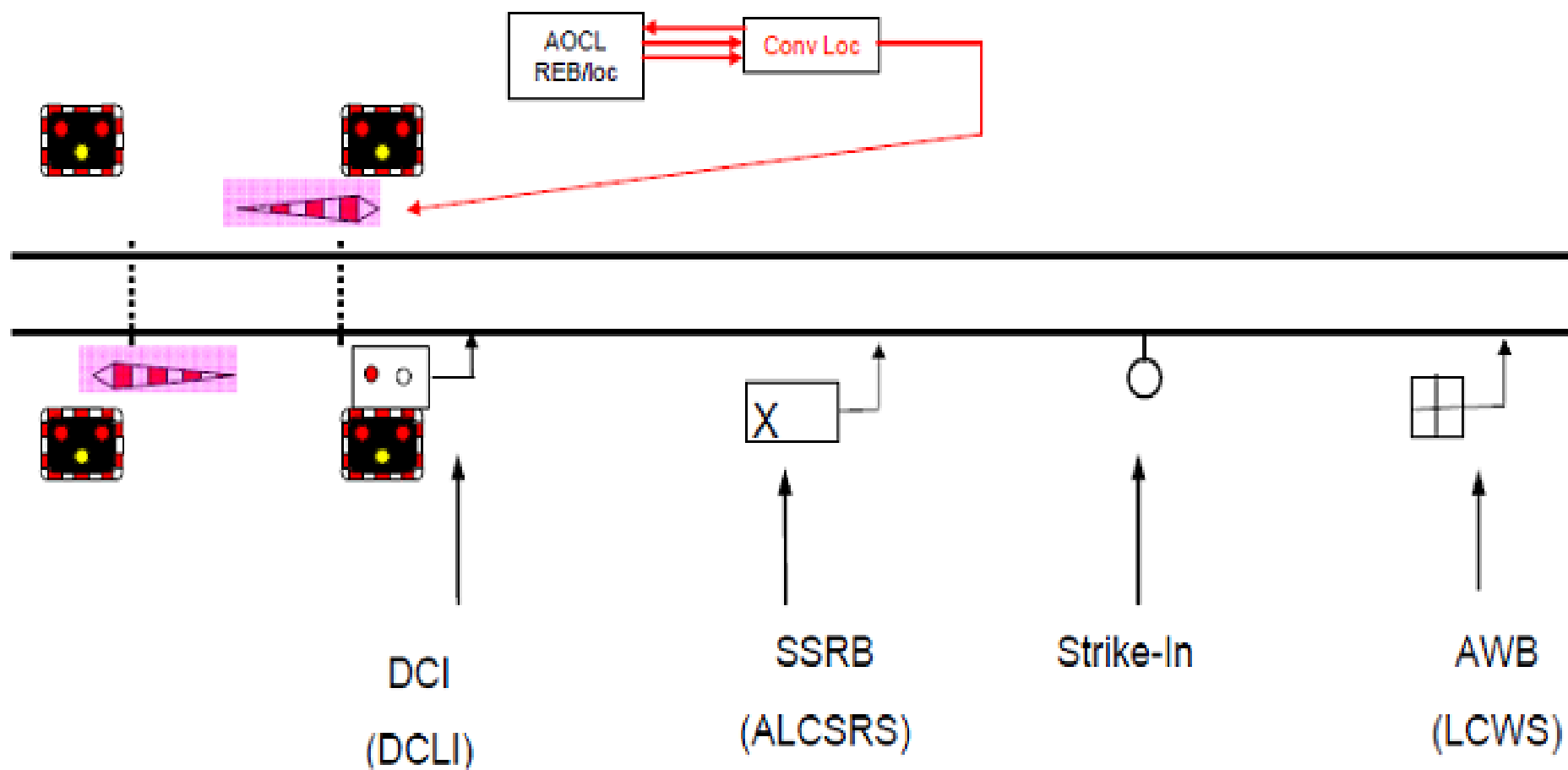
AOCL – RAIB Investigation



AOCL – RAIB Investigation



AOCL+B Concept



My Role - Installation Team Leader

- **Signalling Installation Handbook (NR/L3/SIG/11303)**
 - Location Cabinet
 - Pedestals
 - Track Circuit
 - Treadle
 - Transformer

Installation



Loc front



Loc rear

Installation



Loc Base

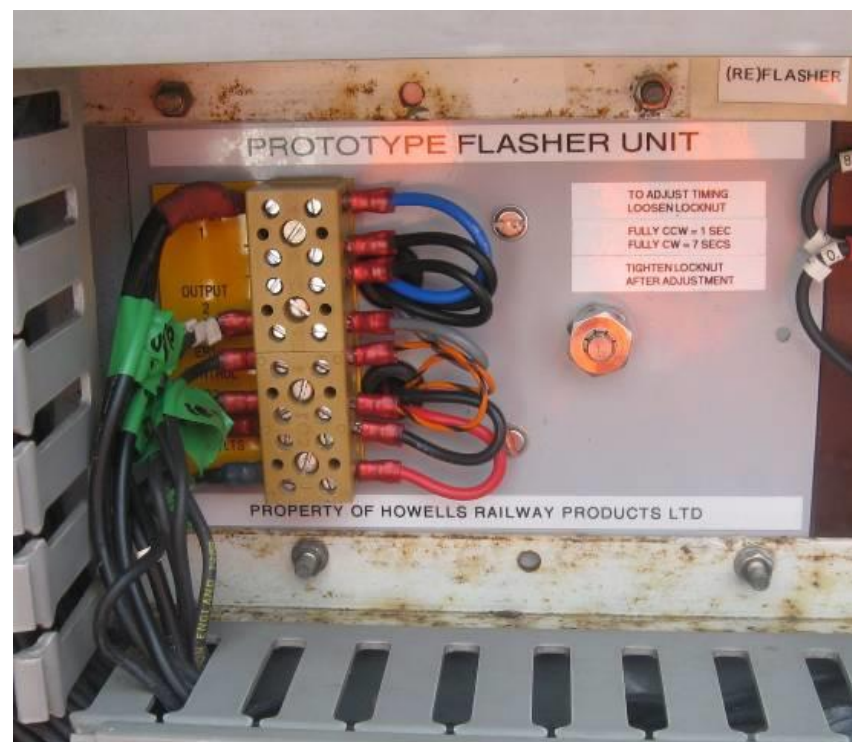


Loc Hardstand

Installation



Transformer



Flasher unit

Installation



Balnacra AOCL+B Commissioning

Works Delivery Scotland

- **Previously project of this magnitude would not have been considered to be delivered in-house**
- **Development and growth of Works Delivery Scotland now allows us to compete**
- **Confidence when tendering for new projects**
- **Ownership**
- **Pride**

AOCL+B Progress

1. Corpach
2. Dalchalm
3. Hoy
4. Forsinard
5. Kinbrace
6. Watten
7. Lairg
8. Bunchrew

9. Balnacra
10. Strathcarron
11. Achterneed
12. Ardrossan Princes Street
13. Dingwall No2
14. Dingwall Middle
15. Brora
16. Kirkton

The background of the slide is a photograph of a high-speed train track, taken from a low angle and looking down the tracks. The tracks are dark and wet, reflecting the sky. The background is heavily blurred, suggesting high speed. The text "Any Questions?" is overlaid in a large, white, italicized serif font.

Any Questions?

AOCL+B Project Scotland