

'Vision Zero' ROADMAP

PATHWAY	DETAILS	ACTIONS	'ROADBLOCKS TO BE AVOIDED'	STRATEGY ALIGNMENT	'SUCCESS'
SITE SELECTION	Need to identify all sites for upgrade to active sites on sliding scale of 'urgent' to 'non-urgent'.	Create a national regional level crossing safety priority list that is data-driven and ensures appropriate national distribution of focus/funding.	Further research is <u>not</u> necessary. Stakeholders know where the highest risk sites are.	Refer to NLCSS* focus area: 3. 'Data Improvement and Knowledge Management' and 4. 'National Coordination'	100 level crossings per year earmarked for upgrade from passive to active sites.
FUNDING	Need approved access to requisite federal government grants to fund site upgrades.	Develop an agreed model for proving, scaling up and rolling out the highest-potential initiatives that offer reduced risk at level crossings.	Federal funding is available for the next 3 years. The states need to match the funding and act now.	Refer to NLCSS* focus area: 2. 'Assets, Technology & Innovation' and 4. 'National Coordination'	Approved funding from federal government grants for 40 site upgrades per year in accordance with the current program.
RESOURCES	Need stakeholders to commit to providing requisite resources and greater information sharing and collaboration.	Establish/Maintain a national database for information related to technology trials and long-term deployments, efficacy study results, TAs, suppliers etc. to ensure effective/efficient use of resources to facilitate site upgrades.	Stakeholders must commit the requisite levels of human resources and support.	Refer to NLCSS* focus area: 2. 'Assets, Technology & Innovation' and 4. 'National Coordination'	Stakeholders provide resources/support to establish/maintain a national database to facilitate 100 site upgrades per year, nationally.
TIMING	Need upgrades to 'unsafe' sites to be completed within the federal government funding window (2023-2026).	Stakeholder commitment to 100 sites per year for 3 years to address the highest risk sites.	Don't delay. Action is needed within the federal government funding window.	Refer to NLCSS* focus area: 1-5 and 'Vision Zero'	Stakeholder commitment to complete 100 site upgrades per year, nationally, within the federal government funding window.
APPROVALS	Need full participation in cross-type approval ('XTA') trials of emerging solutions and/or accelerated access to XTA granted nationally following successful trials.	Participating jurisdiction RIMs and operators to sign the MoU in support of the National Type Approval Framework.	Duplication leads to delay and expense. Lives are unnecessarily put at risk. Duplication should be proactively avoided.	Refer to NLCSS* focus area: 2. 'Assets, Technology & Innovation' and 4. 'National Coordination'	Majority participation in XTA trials of emerging solutions. Emerging solutions granted accelerated access to National Type Approval following a successful trial.
EDUCATION	Need to increase awareness of level crossings to trigger desirable motorist behaviour and reinforce compliance through enforcement.	Stakeholders to implement a coordinated national program that emphasises education and enforcement to promote desirable motorist behaviour at level crossings.	Education is essential, but so too is reinforcing compliance through enforcement.	Refer to NLCSS* focus area: 1. 'Education & Enforcement' and 4. 'National Coordination'	Stakeholder commitment to implement a national education program, with emphasis on compliance through enforcement.
CONSIDERATIONS	Need stakeholders to leverage emerging tech/innovations that can support level crossing upgrade delivery on time/budget.	Consolidate at a national level to enable a shared program to be rolled out.	Ensuring the technology is safe is essential, but the process needs more urgency.	Refer to NLCSS* focus area: 2. 'Assets, Technology & Innovation' and 3. 'Data Improvement & Knowledge Management'	Commitment from stakeholders to leverage emerging tech/innovations to deliver 100 site upgrades per year, nationally, on time/budget.

* National Level Crossing Safety Strategy 2023-2032 ('NLCSS')