IPWEAQ CQ Branch Conference 2016
Targeted Road Safety Investments in Infrastructure

Progress Towards Zero Road Toll – Best Practice Safe System

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Our values, our diversity

Customers first
Unleash potential
Be courageous
Ideas into action
Empower people
Progress towards zero road toll
Our key drivers

Transport and Main Road’s road safety infrastructure investments strategically align with National and State Road Safety Strategy/Action Plans.

Queensland's Road Safety Vision aligns with National Strategy = Zero road deaths and serious injuries.

By 2020 - 200 or fewer fatalities and 4,669 or fewer hospitalisations.
Road Safety Action Plan

Action plan - “We refuse to accept that road trauma is a normal, unavoidable consequence of traveling on the road.”

Key infrastructure action areas:

1. Make available over $300m (2015-16 & 2016-17) as part of Targeted Road Safety Program (Safer Roads Sooner; Black Spot; Safety Mass Actions; Road Safety Minor Works; Flashing School Zone Signs).

2. Partner with the Australian Government to deliver over $190m for targeted safety treatment on the Bruce Highway, Warrego Highway, New England Highway and D’Aguilar Highway.

3. By 2020 achieve 85% of travel on national network in Queensland on 3 star or better roads (as defined by AusRAP).

4. Improve safety for vulnerable road users by making available $10m to improve infrastructure for bicycle riders and pedestrians and $27m over two years for the Cycle Network Local Government Grants program.
Key infrastructure actions

1. Transport and Main Roads has partnered with Australian Government to deliver:
   - $160 million safety treatments on Bruce Highway
   - $16 million on Warrego Highway
   - $14 million on New England Highway
   - $14 million on D’Aguilar Highway.

2. Flashing lights – new installations at 300 risk assessed school zones over three years.

3. Explore how to better inform drivers about high risk crash zones.

4. Improve safety around breakdown incidents on major roads in Queensland.

5. Expansion of Traffic Camera Program – point to point and speed/red light combined cameras.
Forgiving infrastructure

- Safe System philosophy underpins Qld Road Safety Strategy and Action Plan.
- Fatal & serious injury crashes occur randomly across the network.
- We can no longer just focus on ‘Black Spots’.
- High risk routes or segments need to be improved to meet goals and targets.
Treatments that are saving lives

• Wide Centre Line Treatment (WCLT)

• Bruce Highway WCLT – over 900kms installed to date.
Treatments that are saving lives

- Audio tactile line marking
- Wire rope barrier
- Crash barrier protection
Treatments that are saving lives

Safer intersections

Channelised right turn (CHR)

Improved lighting

Advance warning signs

Skid resistance improvement
Treatments that are saving lives

- Vehicle activated signage (speeding)
Treatments for motorcycles

Plastic delineators

Rub rails

Barrier end protection

Wire rope safety barrier

Chevron alignment markers

Steel beam post cap treatment
Treatments for cyclists
New and innovative treatments

Wet weather line marking trial

• Inverted profile – producing a noise when driven over.
• Water channels rapidly drain water away and the line remains visible.
• Grooved and angled surface is covered in tiny glass beads reflecting light in all directions.

Vehicle Activated Signs Mass Action program

• Encourage speed compliance at:
  - intersections
  - corners/curves
Safer school zones

- Treat approximately 300 schools zones (100/year).

- State government funding, installation and maintenance for life of sign.
Thank you