CN Police Service:
ILCAD Presentation
Montreal, June 2, 2017
About CN Police Service

- Railway police statistics
- CN Police competencies
- Today’s network – a remarkable right-of-way
- CN Police priorities
- CN Police responsibilities related to:
  - Prevention
  - Road and railway safety
  - Criminal investigations
- CN Police main strategies for reducing incidents
Emergency calls to the Communications Centre: 123,183

Number of calls responded by CN Police officers in North America: 19,674

Contact with emergency services: We are regularly in contact with over 2,000 police forces in North America. We deal with more than 7,000 emergency agencies.

Number of train incidents in 2016
• Railway crossing: 194 accidents - 28 deaths (15%)
• Trespassing: 59 accidents - 41 deaths (70%)

Average number of moving cars every day on the CN network: 113,000
CN Police Competencies

CN Police officers are sworn in under the *Railway Safety Act* (section 44) in Canada and Commissioned in each CN Network US state.

CN Police officers are responsible for applying provincial, US state and federal public security laws within their area of jurisdiction and throughout 8 Canadian provinces and 16 US states.

Within 500 metres of property owned, operated or managed by CN.

Responsible for ensuring the safety of railway operations in the communities served by CN and communities located along the right-of-way.
Today’s network
a remarkable right-of-way

25,500 committed employees
20,000 miles (32,180 km) of track
Unique access to three coasts and more than 75% of North America’s population
More than 20% of Canadian export traffic carried
Goods transported worth more than $250B

Diversified portfolio

- Intermodal: 23%
- Chemical and petroleum products: 19%
- Grain and fertilizers: 16%
- Forest products: 13%
- Metals and minerals: 12%
- Coal: 6%
- Automobiles: 6%
- Other operating income: 5%

Based on 2014 operating revenues
1. **Positively change** attitudes and behaviours towards rail safety through proactive, targeted enforcement and strategic educational initiatives

2. **Develop strong relationships** with stakeholders so as to be able to effectively deal with issues that affect CN

3. **Develop a high-performing** policing services team

4. **Effectively gather, analyze and make use** of appropriate intelligence in order to align our priorities and address issues in a strategic manner
CN Police Responsibilities

1- Prevention
2- Road and railway safety
3- Criminal investigations
CN Police Responsibilities: Prevention

CN Police has been actively supporting Operation Lifesaver since it was created in 1981.

Meeting students in each school less than 1km away from the tracks (Grade 11-12)
Performing awareness activities near location with a high risk of trespassers
Being a major leader during National Rail Safety Weeks (Canada and US)
CN Police aims to save lives and prevent incidents.

We intend to prevent infractions at level crossings by:

• Reducing dangerous behaviours such as dangerous driving, cellphone use, speeding, and impaired driving, in particular by applying local HTA.

• Applying rules and regulations governing level crossings.
Traffic Enforcement Actions

Three types of actions:

1. **Traffic Enforcement**: Radar, Lidar, surveillance, joint force operations, etc. Looking for the right causes at the right time and place.

2. **Problem-solving approach**: Making improvements to crossing locations is a major concern that we address by leading problem-solving approaches with many external stakeholders: CN departments, local road authorities, local law enforcement agencies, local media, etc.

3. **Post-incident data analysis and recommendations**

Being innovative is THE key to making a difference at each crossing. We think creating visual changes will remind motorists of the risk at level crossings. Grabbing a motorist’s attention is therefore one of our main objectives.
## Incident Recommendation Form

### Time Line Report

- **Date:**
- **CDPS Territory Leader:**
- **Train Involved:**
- **Active HRA Location:**
- **Delays:** 00:00:00

<table>
<thead>
<tr>
<th>Location</th>
<th>Incident Type</th>
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<thead>
<tr>
<th>SAP:</th>
<th>Fatal</th>
<th>Injury</th>
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<thead>
<tr>
<th>LTA in Charge:</th>
<th>Video Request</th>
<th>Non Injury</th>
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### SUMMARY

<table>
<thead>
<tr>
<th>Time</th>
<th>N/A</th>
<th>Item</th>
<th>Incident Details</th>
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- **Time**:
  - 00:00
  - 03:00

### Incident Cause According to Investigative Agency

- **Alcohol**
- **Drugs**
- **Mech. Defect**
- **Cell Phone**
- **Mental Instability**
- **Distracted Driving**
- **Restricted Visibility**
- **Not Respecting Gates**
- **Not Respecting Flashers**
- **Not Respecting Signs**
- **Veh. Stuck due to weather**
- **Not Respecting Speed Limit**
- **Spayed not adapt to road condition**

### Additional Remarks

- **Body Removal service on location**
- **Body Removal service cleared**
- **First track opened**
- **Second track opened**
- **Re-Crew on location**

### CDPS Leader Recommendation
2017 Major Incident Causes

Since January 2017, we have had 69 incidents and the three major causes were:

1. Not respecting signs – 43%

2. Not adapting speed to the weather – 10%

3. Distracted driving – 5% (cellphone)

Is there a common theme? Maybe inattentive driving?

Drivers not concentrated on their driving environment, i.e., signs, road conditions, or focused on their primary task, i.e., driving and adapting to their moving environment.
Most people think or say:
• It’s really nice or romantic to walk on the tracks...especially for taking pictures.
• It’s safe because they’re going to get away from the track when they hear a train coming.

They were not aware that it’s illegal and dangerous.

We work at educating them by communicating through our CSO, local media and social media.

We provide the appropriate signage.

But once completed, we have to enforce the existing laws in order to send a strong message:

**IT IS REALLY ILLEGAL!**
The CN Police Service has expertise in conducting investigations into railway incidents, and:

- Providing assistance and expertise for all police investigations in railway incidents (protocol), derailments and fatal accidents (videos).
- Ensuring the safety of police officers performing investigations near railway tracks.
- Conducting specialized investigations for crimes targeting the railroad, such as sabotage and various types of mischief, burglaries, theft, fraud, etc.
1- COP (Customer Oriented Policing):

Every CN Police officer is responsible for a designated territory to:

• Maintain relations with internal and external partners.

• Follow up on incidents.

• Prevent risks by performing traffic enforcement and participating in educational activities.

2- HRA (High Risk Area):

The objective of every police officer is to change the public’s behaviour in dealing with three at-risk locations by using a PROBLEM-SOLVING APPROACH.

Annual work plans are established, approved and followed up to reduce risks of incident by using a number of tools:

• Law enforcement,
• Engineering work,
• Education and partner engagement.
CN Police 3 Main Strategies

3- CNPS COMSTAT approach

− The COMPSTAT model was initially created by the NYPD in the early 1990s for Police operations planning purposes. It is a process where Divisional managers have to present and explain their incident data, trends, strategies and objectives for the past and coming quarter.
− CNPS leadership decided to adapt that methodology generally used for crime reduction to the Railway Policing environment by using it for rail related incidents (The railway related criminal incidents will be taken care of in the next steps).
− We adapted that approach to our Police Service in order to create a collaborative efforts within each of the two CNPS management levels:

1. **Tactical level** where each COPS leader has to explain the evolution of their problem solving approach and next steps to their Divisional members on a quarterly basis (Past and coming quarter)
2. **Strategic level** where each Divisional inspector has to attend a quarterly ComStat meeting to present their incident data, trends, strategies and objectives (Past and coming quarter)
Thank you for supporting our rail safety efforts!
Any questions?

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