

TRAFFIC MANAGEMENT AND ROAD SAFETY

May 22, 2025



UNIT BREAKDOWN

- Traffic Management Road Safety consists of 2 units under Community Services:
 - Collision Reconstruction Unit (CRU)
 - Traffic Enforcement Unit (TEU)



TRAFFIC ENFORCEMENT UNIT STAFFING

- The Traffic Enforcement Unit (TEU) consists of
 - 1 Staff Sergeant
 - 2 Sergeants
 - 19 Constables



RESPONSIBILITIES – ENFORCEMENT

- TEU enforces the Highway Traffic Act throughout the region
- TEU issued 27% of the provincial offence notices (PONS) issued by the NRPS
- TEU records and investigates traffic complaints from around the region



TRAFFIC HOTLINE



Email - trafficcomplaints@niagarapolice.ca

Online form - available on our public website at www.niagarapolice.ca



Top Intersections for Collisions in 2024

Collision Location	City
McLeod Rd & Montrose Rd	Niagara Falls
McLeod Rd & Pin Oak Dr	Niagara Falls
Niagara St & Woodlawn Rd	Welland
Dorchester Rd & Thorold Stone Rd	Niagara Falls
McLeod Rd & Oakwood Dr	Niagara Falls
Glendale Ave & Glenridge Ave	St. Catharines
Dorchester Rd & Morrison St	Niagara Falls
Montrose Rd & Thorold Stone Rd	Niagara Falls
Fourth Ave & Martindale Rd	St. Catharines
Burleigh Hill Dr & Glendale Ave	St. Catharines



RESPONSIBILITIES – BAT & DRE

- All TEU members are Breath Analysis Technicians (BAT) and preform approximately 500 breath test a year
 - Tests are for NRPS, NPP, OPP, and CBSA
- TEU is responsible for the maintenance and calibration of the Intoxilyzers and approved screening devices
- Most TEU members are Drug Recognition Experts (DRE)
 - Approximately 70 DRE evaluations are preformed each year



RESPONSIBILITIES - R.I.D.E.



- R.I.D.E. (Reduce Impaired Driving Everywhere)
- TEU conducts 15-20 R.I.D.E. operations annually.
- TEU records R.I.D.E. statistics to receive Provincial funding for the program.



RESPONSIBILITIES – SPEED MANAGEMENT

- TEU trains all recruits in speed management, a 3-day course
- TEU requalifies officers in speed management (every 3 years)
- TEU oversees the repairs and purchasing of all speed management equipment



RESPONSIBILITIES – ASSIST OTHER UNITS

- TEU assists the Collision Reconstruction Unit by attending scenes to ensure evidence is secured
- TEU assists uniform patrol by assisting on calls for service (missing persons, persons in crisis, and backing on calls)
- TEU assist the Emergency Task Unit with blocking roads and transporting of persons



ADDITIONAL SKILLS

- Members of TEU are training as RPAS pilots.
- TEU members are trained to operate Project Lifesaver equipment (missing persons)
- 1 TEU member is a Commercial Motor Vehicle inspector and assists MTO with truck inspections.



COLLISION RECONSTRUCTION UNIT (CRU)



CRU OVERVIEW

- The Collision Reconstruction Unit (CRU) consists of
 - 1 Staff Sergeant
 - 1 Sergeant
 - 6 Detective Constables



CRU MANDATE

- The CRU is Responsible for:
 - The investigation of all vehicle collisions that result in fatal or life-threatening injuries
 - Police vehicle involved collisions resulting in serious personal injuries
 - Fail to remain collisions resulting in serious personal injuries



CRU MANDATE CONTINUED



CALLS FOR SERVICE

COLLISION TYPE	2021	2022	2023	2024	2025
Fatal Collisions	21	19	19	22	8
MTO Reportable Deaths	21	18	18	24	8
Non-reportable Deaths	0	1	1	0	0
Life Threatening Injuries	11	4	4	8	3
Assist Other Investigative Units	5	4	4	5	5
Blood Warrants for Other Units	10	6	6	9	0

- 2025 has been very busy for the first 5 months.
- Warmer weather traditionally increases number of collisions.
- Minimum 18 weeks on call per investigator.



REQUIRED TRAINING

- Collision Reconstruction Training (Level 3)
 - Crime scene management & forensic scene survey
 - Physical Evidence, vehicle inspection, damage profiling
 - Math & Physics
 - Drag Factor
 - Slide to Stop
 - Projectile motion
 - Ability to calculate speeds based on evidence



REQUIRED TRAINING CONTINUED



REQUIRED TRAINING CONTINUED (2)

- Collision Reconstruction Training (Level 4)
 - 3-4 weeks
 - Math & physics
 - Primary direction of force
 - Energy, force & momentum
 - Spin analysis & swerve
 - Perception & reaction
 - Introduction to Crash Data Retrieval, pedestrian, motorcycle, heavy vehicle collisions.
 - Expert witness



REQUIRED TRAINING CONTINUED (3)



ADDITIONAL ASSISTANCE

- Assist other investigative units including Homicide and CIB
- Forensic site survey of scene to provide overview of the crime scene. (Theodolite, RPAS)
- Blood warrant
- In house Collision Reconstruction Level 2 course



QUESTIONS?

