



# **TRACK SAFETY PATROL FEB 2020**

## **YARD AND SURROUNDING TRACK**

Assessed and Written by  
CNDR Fairlie

# TRACK SAFETY PATROL

## FEB 2020

### YARD AND SURROUNDING TRACK

#### AUTHOR'S NOTE

This track patrol includes track that is used by other railroad crews but owned by XY Rail. For XY Rail defects please forward this document to the appropriate XY Rail personnel.

#### SARCEE YARD

The railyard is generally free of tripping and riding hazards. Restricted clearances are well marked. Items requiring attention.

- Debris thrown between the rails, such as tin strapping, broken knuckles, hoses, brake pads, etc is accumulating and recommend collecting soon.
- Riding platform from a Bad Order car is laying near lead roadway between tracks S02 and S03 - *Removed Feb 29.*

#### EAST FOOTHILLS

1. **Top of barbed wire fence within striking distance of car rider. – Place Restricted Clearance sign and repair fence.** East Foothills lead. Green fence slightly north of 72<sup>nd</sup> Ave. 300-foot stretch of fence between E500 and E600 leads. West side of rail. Barbed wire within 1 arm's length of tracks. Please add restricted clearance sign to west side of rail until fence is repaired.

## SUMMARY OF FINDINGS

Approximately 20 walking and riding hazards assessed.

Most common hazards included in order of most dangerous to least:

1. Barbed and razor wire fences leaning close to rail within striking distance of car rider.

2. Tin straps looped and lodged in ice under snow

3. Overgrown trees and bushes that strike car rider



**2. Razor wire close to riding height. – Repair Lean of Fence or Place Restricted Clearance sign**

Located along East Foothills. North of 74 Ave crossing. West side of rail. Top of fence razor wire leans close to car riding height. Please repair lean in fence or place Restricted Clearance sign. Hazard is within 1 arm's length of rail.



**3. Tree branches within striking distance of rider – Trim branches**

Tree branches hanging close to track on North side of track. Near E505 switch on E500 lead. North side of rail



**4. Barbed wire on fence within striking distance of rider – Place Restricted Clearance sign**

E600 lead. West of E605 switch. East of 40 Street crossing. Top of fence within 1 arm's length of rail.



- 5. Barbed wire on fence and tree branches within striking distance of rider – Place Restricted Clearance Sign**

E700 lead. East of E700 lead switch. Please also trim nearby trees.



## WEST FOOTHILLS

### 1. Damaged rail/poor visual condition – Please assess and confirm safe or unsafe

Track around F309 switch looks very worn. Signs of rust damage. Large pieces of the head of the rail (1+ feet in length) are missing or ready to break off. Damage is on both inside and outside portions of the rail.





**2. Derail no longer in service. - Please remove derail sign.**

Derail sign located between the F300 and F303 switch. Please remove. No longer needed.



**3. Overgrown Branches behind Boss Lubricant – Please trim.**

Bushes on west side of rail need trimming. Within one arm's length of rail.



**4. Missing Tie and Tie Plate – Please assess and confirm safe or unsafe**

Located near the F317 and F329 switch. Missing tie and tie plate. Other sections of track nearby are missing tie plates or multiple nails to fasten the rail in place.





##### **5. Damaged Derail Lock – Please replace**

The lock on the derail past the F403 switch does not lock shut. It is damaged. The derail could be easily tampered with and not provide protection. Please replace the lock with a new one.



## HIGHFIELD INDUSTRIAL

The track around the Highfield Industrial zone needs the most attention of all zones in the Calgary Terminal. Particularly trees and bushes need to be trimmed to prevent striking riders.

### 1. **Double Derail no longer in service. - Please remove derail sign.**

Double Derail signage located near M000 Switch. Very confusing especially at night or in poor weather. Derails are no longer in place. Please remove signage



### 2. **Branches along runaround turnouts strike riders on South side of rail – Please trim.**

Please trim the branches on the south side of the rail on the West and East M0005 switches. The trees along the turnouts strike anyone riding cars on the switch side.



**3. Shipping crate hooked on fence. Major risk of riders being struck. – Please remove.**

Along H300 lead before H314 switch. Large shipping crate fell from nearby storage rack and is lodged on fencing on West side of track. Please remove if the company who shares the fence has not already removed. *Removed ~ March 6, 2020*



**4. Tin straps buried in ice and other debris around rail – Please remove**

Along H400 lead. Tin strap forms “loop” in snow that is lodged in ice. Tripping hazard. Other heavy metal debris within 1 to 2 feet from rail. Partially buried and cannot be seen when covered by snow. Please remove.



**5. Restricted Clearance sign hidden by bushes – Please remove or make visible.**

Restricted clearance sign completely hidden at night. Likely was in place for a torn-out track. Please remove or place in visible location.





**6. Loose rail close to track – Please move further distance from track**

Highfield Industrial lead. Loose rail 2-3 feet from track in area frequently travelled on foot when working. Please move as far away from rail as possible. Tripping hazard leading to possibly falling into movement.



**7. Overgrown bushes and debris strike rider on both sides of track – Please trim**

H500 Lead to H506 switch. Several trees on either side of the track strike the rider. Please trim.



**8. Metal tin straps and other debris on ground creating tripping hazard – Please remove**

Also along H500 Lead. Tin metal strapping, loose rail pieces, construction debris, etc on ground.

The tin strapping is particularly dangerous. Frozen into ice and not possible to remove without tools. Please remove.





## **J ZONE (FEB 26)**

Zone is generally free of walking and riding hazards. No pictures were taken of hazards due to being on customer property.

- 1. Tin strap by West J0004 Switch. Frozen in ice – Please remove**

## **INTERCHANGE (FEB 26)**

- 1. 4+ Metal tin straps lodged in ice on ground – Please remove.**

No pictures of the hazards were taken due to being in Alyth yard with many other movements in the vicinity.