CNR,GTR, GWR

MIMICO

C. H. RIFF

West New York and the state of the state of

(ផ្សាដូតិជ្រែមៀត្រូវប្រវត្តិសម្រើនៃ at Carlson's Sels Carload of Pigs Tree

"THE FOG TESAY OFFICIALS

Freight Train From London Hits. Fruit Train From Niagara Falls at 6.40 a. m. - McHarg Couldn't See Train Ahead Five Cars Block Main Line.

Time tip in today.
Place Clarking Corners,
about 15 miles west of Toronto on the G.T.R. line

Injured Engineer McHarg. foot crushed!

Damage-Two freights wrecked; five cars shattered; hogs killed; fruit destroyed; traffic between Hamilton and Toronto suspended.

Veiled in the early morning fog, Grand Trunk freight No. 418 crashed into the rear of G.T.R. fruit train No. 76 at Clarkson's, at 6.50 a.m., throwing five cars off the rails and injuring Harry McHarg, of London.

McHarg, the engineer of the second train, jumped just before the collision, but crushed his foot hadly. He was brought to the city at once and placed in Grace Hospital, Two of the crew on the second train were slightly injured also.

SOME HOGS KILLED.

SOME HOSS KILLED.

One of the cars which was detailed was badly smashed, and several hogs which were inside were killed. The rest of the fifty odd animals escaped and are at present roaming about that part of the country sampling the produce on some of the local truck farms.

FROM FALLS AND LONDON.

FROM FALLS AND LONDON.

No. 418 is the night merchandise train from London to Torotto, while No. 76 is the fruit train from Nagara. Falls. Both were travelling about 12 miles an hour, and, according to the local officials, the fog prevented McHarg from seeing the train ahead of him until it was too late.

The main line to Hamilton and the Passengers on No. 4 from the Falls was blookeds all morning, and the passengers on No. 4 from the Falls had to be transferred at the scene of the wreck and walk to the emergency train, which was sent out to meet them at this side of Clarkson's. The passengers on the train for Hamilton and Buffalo had to '10 likewise.

TRUCKS WERE TWISTED.

TRUCKS WERE TWISTED.

TRUCKS WERE TWISTED.

"The cars are all standing," said Mr. G. Hess, who came in from Hamilton of No. 4 at 8 o'clock this morning," Soft tracks are blocked by the cars, which were thrown off the rails, bit none are completely smashed. The iron work and trucks seem to be twisted out of shape, while a couple of them are smashed in at the side. The earth is dug up all around where the thing occurred, and the engine on the rear train looks pretty hadly battered up."

WON'T FIX THE BLAME.

WON'T FIX THE BLAME.

Superintendent Gillen was on the scene early with the wrecking crew, and every short will be made to clear the line before evening.

The rear train was in charge of Engineer McHarg and Conductor Ingram of London, while No. 76 was in charge of Engineer Peart and Conductor J. Battle of Toronto. Battle of Toronto.

The local officials. will say little about the collision, except that the fog is to blame, and will not say whether either of the crews will be held responsible.

HAD A CLOSE CALL

GUNGRAVE SYMOD FOREM

ANGEL ZARGAL STATAW Mayor Goott Extends : Welcome it Which Ascribishop Sweathish Re piles — Business Meeting !!

plies—Business Masting.
(Tron. Our. Own. Correspondent.)
Ottawa. Sept. 22—Ind. fifth Geseral Synod pit the Church or English
in Canada was opened this morning with a service in Chifair Church cathed dral, at which the sermon was breach ed by Bishop Esded, of Minnesota

The first husiness meeting was thin afternoon, but was preceded by an address of welcome, presented by Mayor Scott, and replied to by the Primate of all Canada, Archbishop Sweatman, of Toronto.

The other business of the day will be the appointment of a general secretary and a prolocutor. It is expected that Rev. Dean Parthing, of Kings ton, wilk be selected for the latter

Yesterday a committee was appoint ed to draft a resolution on the death of Bishop Carmichael.

LEMIEUX ON C.P.R. STRIKE

POWERLESS TO HELP MEN.

Government Has Exhausted Its Resources in Trying to Solve Problem-Hints That Men Should go. (From Our Own Correspondent)

Ottawa, Sept. 23.-Hon. Rodolphe Lemieux returned to the city at noon for a few hours but will leave again to-night to be present at the political baptism of Mr. King at Berlin to-mor-

The Minister of Labor had his attention called to a report from Toronto that at West Toronto last night the Railway Brotherhoods had decided to memorialize the Federal Government to intervene in the C. P. R. machinists' strike.

WHAT CAN GOVERNMENT DO?

"How can we interfere?" was the minister's comment. "We offered our services even after the Board of Conciliation under the industrial disputes investigation act failed of success, but they were refused, and there is nothing which the Government can do. Personally my opinion is that if the strikers would go back to work unconditionally, they would receive every consideration from both Sir Thomas Shaughnessy and Mr. Mc-Nicol, indeed I have assurances to that effect. But it is only to be expected that the company will not negotiate at this juncture with men who are not its employees. No one; perrets the present position more than I do. But until public opinion in the country reaches the point where compulsory arbitration will be accepted by both capital and labor, no government can do more under similar circumstances than we have done." WHAT CAN GOVERNMENT DO? than we have done

RECEPTION TO TEACHERS.

Canadian Touring Educationists are Overwhelmed With English Welcome,

(Canadian Associated Press.) London, Sept. 22 -The Canadian and United States teachers were entertained at a conversazione by the London Teachers' Association. A warm welcome was extended the visitors by Cyril Jackson, chairman of the London Education Committee, and others: J. L. Hughes, of Toronto, replied that they were overwhelmed by the kindness of the teachers of the motherland.

The National Union Teachers enter

Toronto Telesser September 23

CANADA'S POPULAR PREMIER.

Snapshot of Sir Wilfrid in the mi dst of one of his eloquent sentences

REAR-END FREIGHT COLLISION IN DENSE FOG AT CLARKSON

ONE TRAIN HAD SLOWED UP

When the Other Crashed Into It-Half a Dozen Cars Smashed.

Special to The Star,

Clarkson, Ont., Sept. 23.- A bad freight wreck took place here in a heavy fog this morning, when a Grand Trunk freight crashed into the rear of another

Driver McHarg, of the second freight had his foot crushed, and was quite badly hurt; his fireman had his knee sprained.

The accident occurred at 6.30 a.m. The accident occurred at 6.30 am. The first freight was just about at the depot, its end being some distance west of the station, as it was going, east. The fog was exceedingly-thick. It is said that the first freight was slowing down because of fog signals on the track when the second came along. The crew could see nothing because of the mist until they were close to the van of the freight in front. The driver and fireman jumped, but were quite badly hurt.

Half a dozen cars were smashed by the engine, which was itself thrown across the track, thus completely blocking traffic. Fortunately the country at this point is fairly flat.

The scene presented a moment afterwards was one of chaos. The cars were terribly broken up by the impact, and at a late hour this morning the auxiliaries were still at work clearing the track, the injured having in the meantline been taken to Torsonto. Passengers on early trains were kransferred at Clarkson to a train a head. The first freight was just about at

A Fruit Special.

A Fruit Special.

The first freight was the morning fruit special, and there were a couple of express cars in front of the caboose. The van and one of these suffered from the collision. In the train behind there were a number of hog cars next the engine, and these were badly smashed, although the train was not going very fast at the time of the impact. A large number of hogs were killed.

impact. A large number of hogs were killied.

The second train buckled in the middle, where a couple more cars were smashed. The engine was thrown crosswise, projecting far enough towards the north track to block traffic on it, though it was not damaged. Something must have been amiss with the block system or the freights would not have been so close together. There is a piece of straight track at Clarkson, and under ordinary circumstances there would have been no danger of a collision.

If was hoped to have the tracks cleared before noon and in the meantime the 6.30 train from Toronto took the passengers back to the city from beyond the blockade.

Caught as He Jumped.

Caught as He Jumped.

Caught as He Jumped.

Caught as He Jumped.

The injured driver. Henry G. Mc-Harg, of London, evidently caught his foot in something as he jumped, and it was partially crushed as he was not thrown-clear of the wreck. It was expected that amputation would be necessary. Before leaving his engine he shut off steam and put on the brakes. The fireman lit on his back across one of the rails.

Driver McHarg arrived at Toronto about nine o'clock this morning and was taken to Grace Hospital, where he was put under chloroform. It was at first thought that amputation would be necessary, but later announced that his foot could likely be saved. He is a married man and resides at London. Dr. Thomas attended him.

Saw Injured Father Arrive.

Saw Injured Father Arrive. Mr. C. W. McHargi son of the in-

and the second s

Some Time.

Jured engineer, is a ticket agent for the C. P. R. at the Union Station. He was among the first to hear of the accident, and was on the station pleatform when the train bringing his father arrived.

form when the train bringing his father arrived.

"My father was scarcely able to speak a word to me, as he was being placed in the ambulance," said the young man. "He could tell me nothing of how he was injured, except that after he had shut off the steam and applied the brakes he jumped. His foot must have caught in something. He said he could move it a little, and hoped the doctors would not amputate it."

Officials Not Talkative.

Officials Not Talkative.

Little definite could be learned at Superintendent Gillen's office at the Union Station. "It was train No. 418, hauled by engine No. 811, which ran into the rear end of the other train," said the chief clerk. "It was in charge of Conductor Ingram, while the second train was No. 76, engine No. 647, and in charge of Conductor Batty. Mr. Gillen went out to the scene of the wreck at once, and the auxiliary was sent to the scene."

The main line was blocked by the wreckage, and both incoming and outgoing trains held for some time.

MOODIE ELECTED.

He Will Succeed Col. Gibson As Cataract President.

Special to The Star Hamilton, Ont., Sept. 23.—Colonel James Robert Moodie was elected president of the Dominion Power Transmission Company to-day to succeed Hon, J. M. Gibson, who was yester-day sworn in as Lieut.-Governor of Ontario. Geo. Blanchard, the American Street Railway expert who was brought here to reorganize the Street Railway system and interurban lines

was elected vice-president. This announcement caused surprise as it was expected that W. C. Hawkins would be next to Col. Moodie. Mr. Hawkins continues as General Man-

ager and Secretary.

Chicago financiers to-day are conferring with the company about the construction of the new street rallway system and promise the city an answer this afternoon.

Reservoir Drops.

The fish pond north of the The fish pond north of the city known az the Reservoir, has dropped three inches since yesterday. The depth to-day, as reported to Deputy Engineer Fellowes, was 12 feet 2 inches. Yesterday it was 12 feet 5 inches.

Get a New Job and a Prize Too

The Star offers to-day a Prize of One Dollar to the first person who reports to this office that he or she secured work or secured help through an advertisement in. to-day's paper - either through an advertisement inserted by the applicant or through reading one that some one else put in.

The advertisements are under the headings, "Situations, Vacant," "Situations Wanted," "Domestics Wanted,"

Who'll be the Winner?

Torotto
Star 23
September 23

(6) BENESE PER COMPONENCE PROPERTY OF THE CONTROL O e navalina akawa ana anga awa a aloka

injured Fireman in Scalding-Steam Directs Operations of Man Extracting Him

SWITCH OPERATOR VANISHED Doctor Crawle Through Live Sten Into Wreck to Put Fireman Jarvis

Under An Anaesthetic C.P.R. Wreck Was on the G.T.R. Lines How, When Why and Where.

Quinn, G.P.R. engineer,

West Toronto.

NJUBED.

Wills Jarris, C.P.R. fivman.
John Smith, G.T.R. engineer.

GAUSE.

G.T.R. switch open at Minico
siding and C.P.R. passinger crashed into G.T.R. shunting engine at
7.56 last evening.

The last vertices are supported by the control of t

ninjured.
THE FATALITY.
William Quinn, the C.P.R. engineer,
be lived at 157 Pacific avenue, West
orouto, was thrown from his cab
wenty feet to the raifs, when his enine crashed into the G.T.R. tender,
is skull was fractured and he died
stantly.

Is skull was fractured and he diet stantly.
Willis Jarvis, his dremm, 34 Marchay, Willis Jarvis, his dremm, 25 Marchay, Wast Toronto, was jammed this his right log against the fire box of the control o

f men attacked the engine, trying in preak into the cash and get the site-appears and out. Though suffering intensely, and the sind in the Therman and the Though suffering intensely, and the site of the state of t



lightened. Then Jarvis was remo The fireman's leg was found to light against the hot fire-box.

TRAFFIC NOT STOPPED.

TRAFFIC NOT STOPPEL.
Very little of the read-bed was torn
up, and traffic was not blocked for a
mind of the read-bed was to the readGrand Trunk men and the availlary
trains spon Hamilton and Toronto
cleared the wrockage. The line belongs to the Grand Trunk Railway,
and the C.P.R. has running rights over
it.

DEAD MAN MARRIED.

McTAGGART'S NAMES.

McTAGGART'S NAMES.

McTaggart, the miseing operator, has had his front name - variously given. On Inc C. P. R. pay scheets he is known as L. McTaggart; to the morning papers he was known as Nicholas or Fred McTaggart, while



around the yards he was known as "Mac."
Wm. Quinn, the dead C. P. R. dnginser, was 13 years of age, has been
5 years with the C. P. R., the last
three as passenger surfaner, and was
three three three three three three
three three three three three three
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three three

REMEMBERS NOTHINO.

Fasiner John Smith, of the O.T.R.
esgins, was too seriously injured this
morning to the observation of the

morning he sat up on the side of his bed and said, 'Where am I.'" said one of the patients in the ward.

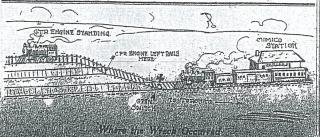
NEIGHBORS KEPT WATCH.

NEIGHBORS KEPT WATCH.

NEIGHBORS Of Jira (Ulian took never)
showed to he subshards death from her
till this morning. Bhe retired early
last signs with her little ones, and
ten o'clock, friends near hy halled him
and asked him as a favor so to disturb her till morning,
and asked him as a favor so to disturb her till morning.
The showed him as transper
woman, asked does neighbor. "Let her
have her night's rost." Bo the stransper
woman's of Mr. Quinn's death was
roceived with constoration in
the showed of the showed of the showed of
hardly recovered from the shock of
latin, also a well-known citizen, her
such a survey onespe.

ADDRESSES STUDENTS

Varsity's President Gives Review University's Progress.



Toronto Telegram

Odder² 1902

Mills Memorial Library McMast

Gesterre State 17/12 KILLED. liam Quinn's Willem Quinn, G. P. R. sneincer, West Toronto, ageds 42,
leaves wife and two chaldred
NJURED.
Mills Jarvis, C. R. Rean. West Toronto, left k S. sady broken and scalded vintural at Mimic

C.P.R. HIT. C

GINE

Former Ran Th Switch Just W

Open

ico Stat

THE SWIP CHIVANGE SAVESSING

There's an Ibidin gion to Plame Him for the Week-Two Trainmen Libred

When C.P.R. Engines William Guinn now lying dead as the result of the wreck at Mimico lescule of Yound his engine running through the open switch to almost cemal truction he had the courage and sence of mind to jam on the a s I was his last act of duty, and be, probably aftributed the there was not a large is a square ties among the passengers his train.

A second or two later the crash came and he was hurled out of the engine cab/window to death An examination of the smashed C.P.R. engine the yards at the foot of John stree this morning showed that the engineer did his utmost to stop his train wher he saw the danger, but it was too late to prevent the collision.

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Julbinto lin-

orre. vernOperator Still Missing.

The only man who could explain the open switch is Morin McTaggart the operator and switchman whose p was at the little green operating s

ですがたく中国語 years

Toronto

October 2

MISSING. Morin McTaggart. Add operator Teeswats he Scenp of Wrecks hord yards wes furch street crossing ause—An open swith mitted the C. P. R. rish into a G. T. R. tras the standing on the side mage to Property— G. T. R. engine seled C. P. R. coa track torn up free sei RAPHIC STORY OF THE RECK

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y of orange and orange

Russell Coutts, di

Passenger Who V Hurled Nearly the Len Baggage Co

TENDER JAMMED IN

Baggage Flew Like Battering Rams About Mail Clerk and

J. R. Coutts.

Mr. J. Russell Coutts of Cleveland, an old Toronto boy, had an escape from that in the Mimico wreck that was raculous. Lying in bed in his room the King Edward this morning, Mr. Coutts toid The Star the story of how

passed him by. aught the 7.15, with it is a few is to spare," he said. We me so i me so d nij time l kad, so to missing it that I : st some letters which getting settled in the Julinan, I forward to the mail co to get the to take them from

Sat On the Trunk he mail carewas ae com Kilgarnon ones, and All same of the second of the aked up to the end of Te-dar nearest tender and started to the sta

December 3 1927

HAMILTON TRAIN IN SMASH AT PT. CREDIT

Deaths Averted By the Engineer on the C.P.R.

Ten C.N.R. Freight Cars Were Wrecked

Toronto, Dec. 3.—Several Canadian National freight cars were smaahed on matchwood whan one of them the control of the control

CUSTOMER'S BUSINESS

Bank Manager Refused to Answer Questions
swer Questions
Toronta, Dec. 3.—With the concontrol of the Manager Refused to
Agode half yestereday granted to Agode half yestereday granted to Agode half yestereday granted to Agode half yestereday granten of the Bank of
Montreal, to answer questions bemanager allowant and Sol Helt, with



a applying to the train to a to see the train to a to the fifther train to the two passenger of the rate aspired brakes and spired brakes and the train to the ditch, and two the train to the ditch, and two to the train to the ditch, and two to the train to the ditch, and two to the train train the ditch, and two trains are trained to the trained trained

Given By First Year Boys of High School to H.N.S.

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FREIGHT AND PASSENGER TRAINS INVOLVED IN WRECK.



An eastbound Canadian Pacific passenger train and a westbound Canadian National freight train were involved in a peculiar double-track wreck yesterday evening at 7.50 o'clock, one mile west of Port Credit, on the double-track C.N.R. line to Hamilton. A broken journal on a freight car caused the derailment of several gars, which swerved in front of the oncoming passenger train. No one was injuried. The Hintstration by The Globe photographer shows, at the toy, a close-up view of the wreckjage, with debris scattered everywhere. The lower photograph shows a wrecking crane engaged in clearing away the damaged freight cars.

Docember. 3 1927

DOCKRILL WRECKAGE YIELDS BABY'S BODY

Identity of Seventh Victim of Pailway Collision Not Yet Known

KEUKELAAR IS BURIED

(Canadlan Press Despatch.)

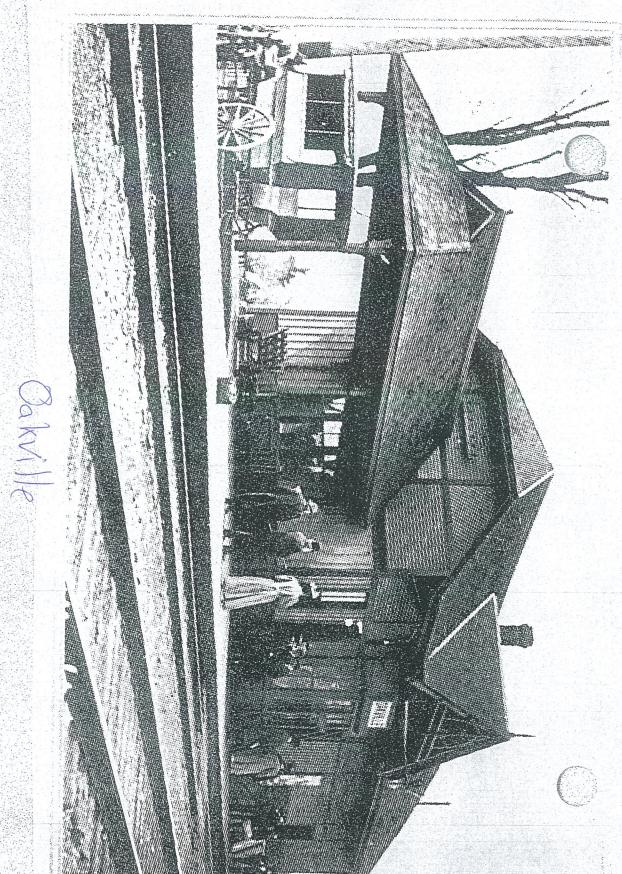
Kingston, Dec. 2.—A message from
Enterprise this evening states that the

Cars at Port Credit Smashed to Splinters Before Speeding Train

Prince in Movitone

(Special Cable to The Globe and The New York Times. Copyright, 1927.) LONDON, Dec. 2.—People Crew Escapes Injury When Lumber-Laden Car Topples in Path of Passenger Locomotive





Cars at Port Credit Smashed to Splinters Before Speeding Train

Crew Escapes Injury When Lumber-Laden Car Topples in Path of Passenger Locomotive

DEATHS AVERTED BY ENGINEER

Several Canadian National freight cars were smashed to matchwood when one of them toppled into the path of a Canadian Pacific passenger train when they were passing each other on the C.N.R. right-of-way, about one mile west of Port Credit, at 7.50 p.m. yesterday. No one was injured.

The axle of a lumber-laden car on the westbound freight broke; the car swung over on to the parallel track, and before any warning signal could be given the C.P.R. passenger train, bound for Toronto from Hamilton, plunged into the car. It was dragged for some 100 feet, and about ten other freight cars were thrown off the track into the ditch.

Engineer Prevents Disaster.

It was said that the presence of mind of Ernest Newman, engineer of the passenger train, saved the lives of his passengers. He had seen the crippied freight car in the glare of the headlight and, applying his emergency brake, slowed the train to a low rate of speed before it crashed. The only damage to his train was to the front of the engine and one set of wheels of one of the two passenger coaches slipped off the rails.

The suddenly applied brakes and the crash threw the passengers out of their seats, but not even the windows of the cars were broken.

Ten Piled Up.

About ten of the freight cars were piled up. Four or five of them had been smashed to matchwood, others were thrown into the ditch, and two

(Continued on Page 2, Column 4.)

October 2 1908 the first two years of the war, and has been decorated by several European governments,

MAIL DELAYED

Car Was Derailed Near Oakville This Morning

A car on an east-bound freight train on the G.T.R. was derailed three miles east of Oakville about 3 o'clock this morning, and blocked both lines. The Hamilton auxiliary was sent to the scene of the acci-

about an hour. Conductor and Engineer Brohman, of this city were in charge of the train which met with the mishap. No one was hurt.

Every bit of dandruff disappears after one or two applications of Danderine rubbed well into the scalp with the finger tips. Get a small bottle of Danderine at any drug store dent, and succeeded in clearing the After several applications you can't line by 6.30 o'clock. The accident find a particle of dandruff or any delayed the mail train from Toronto, falling hair, and the scalp will never for itch.

DAILY.

ONTO, FRIDAY, MAY 17. 1907-SIXTEEN PAGES



CLEARING UP THE RAILWAY WRECK AT MIMICO

By Our Own Reporter.

Munico, May 17 .- During the whole of last evening, and long after dusk. hundreds of spectators-men, women. and children-visited the scene of yeslerday's wreck. The highway was still completely blocked by the big C. P. R. engine No. 827, which lay on its side mear across the road, until about 6 o'clock, when the powerful wrecking crane No. 7 from Hamilton succeeded in getting it into an upright position, rushed over to warn the G. T. R driv-dazed, which probably accounts for it was a badly smashed-up looking en- er to reverse, and the engine had al-

fit subject for the scrup heap. The four feet deep, rolled on its side, and most interesting performance to the landed in the road 40 or 50 yards beon to the track by the crane.

Mr E. H. George, the day man in charge of the switch or signal cabin close to the road, had a clear view of track, and supposed that he had been the accident. The C. P. R westbound thrown from the engine when the when he noticed the G. T. R. freight both men stuck to the pulling out of the switch in the same putting out of the switch in the same crawled out from bening the curtain, direction on the main line Realizing the tender having left the engine. Mr. in an instant what would happen, he Herod says the fireman was completely in getting it into an upright position, rushed over to warn the G T. R driv-To the unitiated it appeared to be a rails, plowed up the track three or a mild term.

youd Mr. Alfred Herod, who lives close by, was one of the first to arrive at the scene, and said that the fireman found himself in the field beside the was fast approaching at about 10 a.m. crash came. It appears, however, that gine—its front trucks gone, steam chest ready backed a few feet, but too late, the engine. One railroad man styled knocked off, driving rod twisted, bat. The ('. P. R. engine had struck, it a "scraping" accident, but, to wittered all over, and coated with mud. smashing in its steam chest, left the mess the destruction, it seemed rather

MAY 17 1907

A BAD SMASH.

Two G. T. R. Trains Crash Together at Bronte Station.

Last night a disastrous accident occurred on the Toronto branch. Luckily no lives were lost, but considerable damage was done to the rolling stock. As No. 14, the evening express, which leaves here at seven o'clock, was drawing out of Bronte at 7:30 it crashed into a freight train, which was standing on the siding but not clear of the main line. The engine of the express was thrown from the track, and the baggage and express cars were badly damaged. Several of the freight cars were derailed and badly damaged.

The freight was from the west and went via the junction cut. The express carried a large number of passengers, but noboly was injured beyond receiving a shaking up. It was fortunate that the train was going

Blowly.

L.

t

8

The auxiliary train left here shortly after the accident and it took until five o'clock this morning to clear the track. Superintendent Stiff visited the wreck. Wm. Durdon, of Hamilton, is the driver of that train and he is congratulating himself that he got off yesterday.

* As soon as the news reached Toronto a special was sent out to bring in the passengers. In the meantime the incoming and outgoing trains went around by George

town.

The engineer, John Ross, of Toronto, and Fireman Lovell, of Hamilton, bravely stuck to their posts, and deserve great credit. The former saw that the freight was foul of the track, and put on the air brakes, but had not time to reverse the engine. cab of the locomotive was smashed into splinters. The fireman and engineer were scalded a little and bruised, Driver Ross having his arm dislocated. When he crawled out of the wreck he saw a woman across the fence yelling "For God's sake, don't leave me." The passengers were badly frightened, especially the men in the smoking car, the windows of which were smashed and the lamps thrown The conductor in the parlor-car was thrown on his back, and excitedly called out to the passengers: "For God's sake, don't stir!"

The express consisted of a locomotive, fruit express, baggage and mail care. a

RAILWAY WRECK

Delayed Yesterday Afternoon

The Grand Trunk and Canadian Pacific trains from Toronto were delayed a little over an hour, yesterday afternoon, he a wreck which occurred on the main line between here and Torente about one mile east of Port Gredlit. The Toronto-hound C.P.R. train, under Conductor Logan and Engineer McDor: ld was proceeding at a rate of ab 't fifteen miles per hour when it is nought a brake heam fell, causing the accident. the main line tracks were blocked. and the auxiliaries from the Grand Trunk yards here, and C.P.R. yards ait Toronto, were immediately summoned, succeeding in clearing the line by about 3 o'clock. No one was hurt. The C.P.R. train from Toronto, on which a number of returning soldiers were expected, made a detour through Guelph, arriving here about 3.30 o'clock.

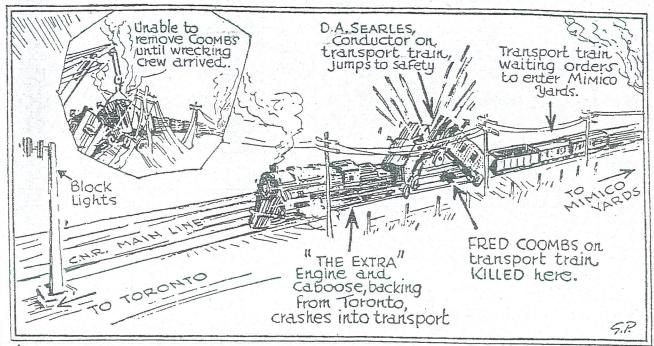
> April 18 1917

Memorial Library - McMaster

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TRAIN CRASH KILLS BRAKEMAN MONTH BEFORE RETIREMENT ON PENSION

One man was instantly killed, an- port, was pinned between the two lision. Fred Wright, conductor on J. Coombs, brakeman on the trans- caboose an instant before the col- and Oakville.

other seriously injured, and three cabooses as they telescoped and the extra, was taken to Toronto others miraculously escaped death went up in a V. as shown in the Western hospital in Baycroft's amothers miraculously escaped death went up in a V, as shown in the bulance suffering from a broken jaw early Sunday when an extra engine sketch. His companions were un- and a broken leg, and severe laceraand caboose, running tender first, passed the block lights 200 yards away at the eastern limits of the Mimico C.N.R. yards and backed into a standing transport train. Fred.

No companions were unamed and a broken leg, and severe lacerations. Two other men in the same caboose were uninjured. Telegraph and telephone wires were torn down by the falling cabooses, temporarily disrupting service between Toronto and Colville.

TC

Will S Mei

Cooksy occupied township Coun. P. heavy tr way of the Park Rd. "We ha plaints r our road: to do all roads. shape bu as a race that such road. H four truck road. ing the ro before we

The road ed and complaints with large Mrs. Gec.

Lakeview, of dust are for herself foreman wa

JUNE 3 1935

Globe Seplember 28 1915

Colobe 9, INTERNATIONAL LIMITED IN ANOTHER WRECK

DERAILMENT OF TWO CARS OF GRAND TRUNK FANTHOUND BLILLY MIN MALER

capacial Inopatch in The Gines : Dakville, Hept. 31 -Ten penpie were injured and a number of others mora or less bruteed yesterday when the last two cars of the Grand Trunk International limited, eastbound, due at the Union Station at \$.15 o'clock, were detailed one mile west of this town. The accident was caused by a broken rail, and the small number injured is attributed to the fact that the train was of solld steel construction

Nine American Passengers Hurt.

Nine of the injured passengers are Americans from the western States. All the injured and the passengers of the wrecked train were brought to the city on the C. P. R. train from New-York, which was delayed at the scene of the wreck a short time. Fol-

lowing are the Americans injured:

Mrs. C. Silver, Montpeller, Vermont; three ribs broken; at Carls-

Rite Hotel

Miss Carry Silver, hands lacerated and slight bruises.

Miss Cynthia Silver; hands bruised

and cut.

Mrs. D. Furress. 822 Lawrence avenue, Chicago, III.; bruise on right knee.

Mrs. J. Simpson, Westmount, Montlarge lump on head and bruised real; shoulders.

Miss Simpson; muscles in back strained.

Edwin Stansbury of Chicago; bruised hip.
Mrs. D. W. Tobey, Rochelle, Ill.;

bruised head and complains of nerv-

ousness.

Mrs. A. C. Bradley, Minneapolis;
cut and badly shaken up, suffering
from nervous shock; at King Edward

Charles Taylor of Chicago, sleeping car porter, was taken to Grace Hos-pital, suffering from a fracture of the

pital, suffering from a fracture of the right shoulder. His face and handr were also badly cut by flying glass. This was the second time within twenty-four hours that the International Limited was wrecked, the first occurring on Sunday near Newton wille, when the flyer jumped the track The engineer was killed and several passengers slightly injured. In yesterday's wreck the rear car, an observation compartment coach, jumped clear of the tracks and plowed its way into the ditch, but did not roll over on its side.

Miracle Many Were Not Killed.

The heavy trucks went deep into the earth, and the car was tilted at an angle of 45 degrees. The few passengers in the car were getting dressed, while the majority were in the diner, four cars shead breakfuling. Had the car been tull the loss of life would have been appalling. The passengers who were in the car cannot understand, and are amassed. The passengers who were in the carcannot understand, and are amased,
that nobody was killed. The team
was speeding along, when suddenly
the big car shot from the motals and
huried its way into the ditch. The
second car was partly decaded. The
trucks of the car next to the observations car wage lars from it and the
tat among across the truck. Both
into ware weaked from of the rest
of the truth. As seen as the arr begs
of the truth. As seen as the arr
with the truck of the truck
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Bad Smash Near Minico on G. T. R. Line This Morning.

ENGINEER STUCK TO POST, BADLY HURT

Fireman Saved Life by Jumping—Passengers Badly Shaken Up and Some Had Narrow Escapes - "Taking Chances" Apparently Once More the Reason

When Engineer W. Shields, of the C. P. R. express, opened the throttle of his engine at 9.45 this morning and started the journey for Buffalo with started the journey for Buffalo with the New York connection, there was a smile on his face. Twenty minutes later he was lying on the ground, seriously injured, the result of a col-lision.

lision.

The C. P. R. for Hamilton, with the Buffalo and New York connection, has 55 minutes to make Hamilton, and as usual to-day, when approaching the siding between New Toronto and Mimico, was running at a speed of the property of the side of the of 45 miles an hour or better.

JUST MISSED.

When this point was reached today a Grand Trunk freight had got
foul of the main line in an effort to
make the siding, but failed to get
clear of the line to allow the express
to pass. The result was a crash, the
serious injury of one man, the shaking up and throwing into the sisles
of the coaches a number of passengers, the turning over of a large locomotive, and the demolishing of a
number of freight cars. number of freight cars.

MIRACULOUS ESCAPE.

Those who witnessed the accident cannot understand how Engineer Shields escaped death. The fact that he remained on his engine and applied the air brake gives the passengers cause to thank him for saving their lives.

FIREMAN JUMPED.

The fireman escaped by jumping from the engine when told by his mate.

Engineer Shields was brought to the city and taken to the Western Hospital. He is injured round the head, and his hands scalded by escaping stoam.

TAKING CHANCES AGAIN.

The accident is the outcome of taking a chance to do something on the time of another train, with the above

TRADED TRAINS.

At the time of the accident the G.
T. R. train from Buffalo was approaching Mimico. The passengers were transferred to the C. P. R. passengers transferred to the G. T. R., and continued their journey.

Wrecking crews went out from Toronto and Toronto Junction.

HAMILTON MEN IN MIX-UP.

HAMILTON MEN IN MIX-UP.
Hamilton, May 16.—Amongst the
Hamilton pasengers on the C. P. R.
express which side-swiped a big G.
T. R. freight engine at Mimico this
morning were H. J. Waddle, of the
Canadian Drawn Steel Co.; Superintendent Fisher, of the T., H. & J.
Railway; Frank E. Walker, Hoense
commissioner; and Dr. Cummings, X.
ray expert. All these gentlemen had
narrow, oscapes. Mr. Walker was sitting in the smoking car when the sudray expert. All these gentlemen had narrow oscapes. Mr. Walker was sitting in the smoking car when the audden application of the emergency brakes and the side-swiping of the two locomotives threw him out of his seat and with astonishing force against another man, who broke his fall. Dr. Cummings was also thrown out of his seat, and it is understood that Mr. Fisher and Mr. Waddie met with similar uncomfortable and alarming experiences. Mr. Walker is badly used periences. Mr. Walker is badly used up as a result of the accident. The special from the scene of the wreck

NUDE BODY ON LAKE SHORE

4000 BB DAVID NEW YORK

STRANGE DEATH AT GRIMSBY.

Howard Boyd, Divinity Student, Thought to be Suicide-Last Seen Yesterday Evening.

(From Our Own Correspondent.) Hamilton, Out., May 16 .- What !s

believed to be a cause of deliberate suicide was brought to light this morning, when the body of Howard Boyd was found on the lake shore at Grimsby. The body was naked when found, and there is some mystery attached to the case. Boyd was 21 years of age and had boarded for the last three weeks with James Smith, Grimsby He was preparing to enter the minis try, and was supply to Rev. Dr. John ston, the Baptist minister, two weeks ago.

Boyd retired to bed supposedly about 11 o'clock last night. About 11.30 Timothy Smith saw a man running through the villag estreets, and only scantily dressed. Nothing was only scantily dressed. Nothing was thought of the occurrence, which was treated as a joke. The episode became significant this morning, however, when Boyd's body was found on the lake shore. It is supposed that he ran to the lake and committed suicide in a fit of temporary Insanity. An inquest has been capital. quest has been opened.

TWO WEEKS OF TURMOIL

FOR YONGE STREET CAR TRACKS

New Intersection Parts Ordered Year Ago, Were Tested in Old Country-Work Takes Time.

Much of the blockade at Yonge and Much of the olockate at think the King streets is not due to the fact of a torn-up roadway. It is due to the interest of the trackmen's operations, which interest holds the attention of people who are not busy, it will be something more than a fortnight prob-ably before the tracks and road are fixed and the cars are back on the old routes.

GETTING OLD RAILS UP.

Just now the business is to get the old rails up and prepare the roadway for the new twelve-inch concrete foundation which the city is going to put down. This work makes the busy inter-section busy in a new way. The middle of the street is piled with old sleepers. The old rails are being slowly torn from their old associations and loaded on to an electric flat car. There ly form from their old associations and loaded on to an electric flat car. There are a hundred men or so on the job, and they are not having a holiday. It takes a dozen of them to lift one of the smaller rails.

ONE OF THE BEST.

When it is all over, the promise is, there will be one of the best intersections at King and Yonge streets that there is in the country. The road that there is in the country. The road will likely be finished off by the city with the wooden blocks used at Queen street, and such as are in general use in Birmingham. The new rails, what is known as the special work, curves and switches, etc., art of soild hardened steel. They were cast by the Had-

STAR MAY 16 1907

Block Signal Installation, Between Toronto and Hamilton.

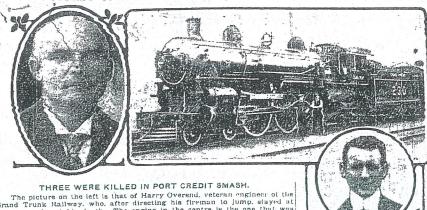
The Canadian National Rys. on account of increased traffic, are equipping the Oakville Subdivision, London Division, Southwestern Ontario District, Central Region, which extends from Toronto to Hamilton, 38.71 miles, with automatic block signals. They will govern main line movements from Bathurst St. Jct., 1.3 miles of Toronto union station, to Stuart St. station, Hamilton. From Bathurst St. Jct. to Canpa, 7 miles, they will govern movements over all 4 tracks; from Canpa to Port Credit, 4.57 miles, they will govern movements on 3 tracks, as a third track is being built to Port Credit from Mimico. From Port Credit to Hamilton, 25.84 miles, where the line is double track, the signals will govern movements on both tracks.

The signal system will be of the color light type. No semaphore arms or discs will be used, colored lights being relied upon for both day and night indications.

The signals will be mounted on steel cantilever brackets, each bracket serving 2 tracks. On the 4-track portion of the line, the brackets will be staggered. On the 3-track portion, they will support the signals governing movements on two tracks, and the signal for the third track will be supported by a pole at the side in the ordinary manner. Each signal will have 3 lamps, arranged vertically one above the other, equipped with red, yellow and green lenses, respectively, to give the usual indications, viz., red, the stop indication; yellow, the caution; and green, the proceed, and the whole system will be operated in accordance with the standard rules applying to the usual type of block signal system. A special feature of the signal lights will be that each will be equipped with 2 filaments; furnishing resistance to currents of differing voltage. In case of one filament failing, the diminished intensity of illumination will warn the signal maintainer that a new filament is necessary. signal light lenses will be about 8 in. diam. A similar installation, although on a much smaller scale, was made by the G.T.R. about a year ago, between Lachine and St. Henri, Que. Only 12 signals were used, but these were sufficient to demonstrate the desirability and reliability of the color light system.

The Board of Railway Commissioners' approval for the Toronto-Hamilton installation was given by order 33,817, June 27, and construction is proceeding from the Toronto end. The signal and line material is being supplied by Union Switch & Signal Co., Swissvale, Pa., and the cantilever supporting brackets by Bates Expanded Steel Truss Co., Chicago. The installation is being done by V.N.R. forces, under the direction of C. H. Tillet, Signal Engineer, Central Region, Toronto, and it is expected that it will be completed in the autumn.

* VICTIMS OF WRECK AND ENGINE OF DETROIT FLYER __



THREE WERE KILLED IN PORT CREDIT SMASH.

The picture on the left is that of Harry Overend, veteran engineer of the Grand Trunk Railway, who, after directing his fireman to Jump, stayed at his post and met his death. The engine in the centre is the one that was pulling the Defroit train. It was one of the latest and fastest types in the service. The picture in the circle, to the right, is that of Edward Heenahan, the fireman of the express, who was severely injured when he jumped from the cab. The single picture is that of L. W. Martin, the brakeman of the freight who was killed, and his eleven-year-old daughter Constance. Martin was on his last trip, having resigned to take a position with the city. Lionel, Mr. Martin's nine-year-old son, is the right-hand one of the two small cuts. The other picture is that of Mr. R. G. Dodds, of 617 Markham street, a passenger on the Detroit train, who had a miraculous escape.







THREE KILLED IN PORT CREDIT TRAIN WRECK

Veteran Engineer of Grand Trunk Stayed at His Post.

BRAKEMAN WAS ON LAST TRIP

Had Resigned to Take Position With City-Passengers' Narrow Escape.

SUMMARY OF DISASTER.

Killed.

Harry Overend, engineer on G.T.R.
Chicago-Toronto flyer, 673 Bathuret

Street.
H. O. Anderson, fireinan on ustra
H. O. Anderson, fireinan on ustra
freight, boarded at Y.M.C.A., Mimico,
resided at Guelph.
L. W. Martin, brakeman en extra
freight, 573 Bathurst street.

Injured.
Edward Heenahan, fireman on Chicago-Toronto flyer, 22 Triller avenue, in Grace Hospital, suffering from three fractured ribs and injuries to head.

Escaped by Miracle.

L. S. Ward, conductor of freight, 12

L. S. Ward, conductor of freight, 12
Calendar street
Mrs. T. T. Robinson, London, Ont.,
daughter of Rev. T. Albert Moore,
181 Geoffrey street.
R. G. Dodds, 617
Markham street,
hurled length of car.
Scone—G.T.R. main line, one mile
ast of Port Credit station.
Cause—G. T. R. Chicago-Toronto
flyer traveling 50 miles an hour, sideswices standing freight train that
builed out on main line from passing
siding.

Biding.
Preliminary inquest opened at Port
Credit this morning and adjourned
until Monday at 1.80.

Through failure to adhere to orders, and through some apparent misunderstanding of verbal instructions on the part of a Grand, Trunk freight crow, three railroad, men lost their lives when the Grand Trunk Chicago-Toronto flyer, No. 16, crashed into a freight train at a passing siding. one mile east of Port Credit station at 10.15 last night.

Engineer Harry Overend, of the flyer, of 673 Bathurst st., one of the best-known and most reliable engineers, who had been in the employ of the Grand Trunk for forty years, was instantly killed. Fireman H. O. Anderson, of Guelph, of the freight train, was killed instantly in the cab before he had time to jump. man L. W. Martin. of 573 Bathurst street, of the freight train, who was standing beside the engine, was standing bestile the engine, was crushed to death in the wreckage, and Ffreman Ed. Heenahan, of the passenger train, of 22 Triller avenue who jumped from the cab, received injuries to his head and had three ribs broken. Heenahan is now if Grace Hospital.

Engineer Overend, who was driving the passenger train, was found be neath his engine with his hand still on the throttle, meeting a heroideath.

on the throttle, lineting a later George Dennis, of the freight trair who lives at Queen's avenue, Mimico escaped without a scratch. After builing out on the main line some thing went wrong with the sand pip and Dennis got down to see what was, when the passenger train anshed into the freight. Fireman ander

Continued on page two

Another Dane Vessel Suni

Canadian Press Despatch London, March 24, 4.25 n.m.—As other Danish steamship has be sunk—the Christianszund, 1017 tor Her entire crew of 22 was saved.

The British steamship Fulms
1,270 tons, also has been sunk. Elg lean of her crew were rescued.

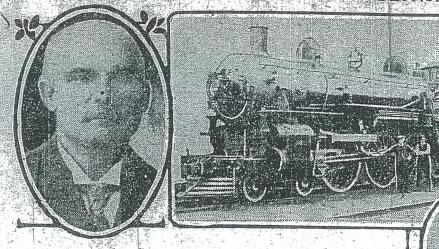
MARCH 24, 1906

TORONTODAILY

TORONTO, FRIDAY, MARCH 24, 1916.—TWENTY-TWO PAGES

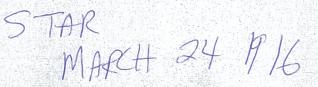
) AT VERDUN; RUSSIAN OFFEI Naval Fight From Noise and

VICTIMS OF WRECK AND ENGINE OF DETROIT FLYER



THREE WERE KILLED IN PORT CREDIT SMASH.

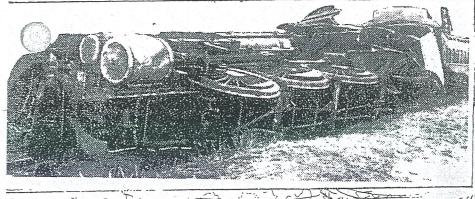
The picture on the left is that of Harry Overend, veteran engineer of the Grand Trunk Railway, who, after directing his fireman to jump, stayed at his post and met his death. The engine in the centre is the one that was pulling the Detroit train. It was one of the latest and fastest types in the service. The picture in the circle, to the right, is that of Edward Heenahan, the fireman of the express, who was severely injured when he jumped from the cab. The single picture is that of L. W. Martin, the brakeman of the freight who was killed, and his eleven-year-old daughter Constance. Martin was on his last trip, having resigned to take a position with the city. Lionel, Mr. Martin's nine-year-old son, is the right-hand one of the two small cuts. The other picture is that of Mr. R. G. Dodds, of 617 Markham street, a passenger on the Detroit train, who had a miraculous escape.

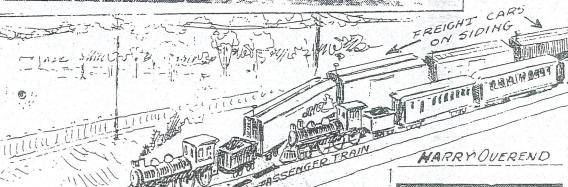




ATAL RAILWAY WRECK AT PORT CREDIT

Diagram shows how G. T. R. flier from Chfeago side-swiped freight train which had started out from gaset is a picture of the wrecked passenger engine, also photographs of Engineer Overend, killed, and leenahan, injured.









INADA LAPS

BEHIND Attantic to the Pacific. It keeps prodding individuals. States and the ing Ahead in Aviation, Federal Government. Nearly every See what the United States is in the United States is starting a corps of its own, and in a major in a viation. We are laps be short time they will have a total of them. We haven't even started run yet, and we have been at way anearly two years, said Wm. Hany an Merritt to-day. The American by individuals and firms What have distant Aerolane Fund is a newer organization, extending from the our own.



MARCH24 1916

KILLED AT THROTTLE, GIVING FIREMAN CHANCE FOR LIFE

Grand Trunk eastern filer, o. 16, side swiped freight of

THE PLACE. Eleven miles west of Union Station on the Toronto-Hamil-ton G.T.R. line.

THE TIME. 10.15 p.m.

KILLIED.

Harry Overend, aged 57, engineer of the flier, 573 Bathurst street.

W. O. Anderson, fireman of freight train, Miniteo.

T. W. Martin, brakeman of freight train, Miniteo.

(NTIPOED) INJURED.

Edward Heenalian, fireman of the flier, in Grace Hospital, THE CAUSE.

Freight train engine had emerged from siding on to main line in the path of the heavy passenger train going 60 miles an hour.

OFFICIAL EXPLANATION.

OFFICIAL EXPLANATION.
It is alleged that Engineer George Dennis, of the freight train, misunderstood instructions of Conductor Ward, of the freight train, and pulled out following eastbound 108 from Buffalo instead of watting for eastbound No. 16 from Detroit to pass.

Grim in its whitewasi, a milestone, eleven miles west of the Union Station on the Toronto-Hamilton line of the IT. R. today stands like a gravestone in the midst of the greatestone in the midst of the senger flier and heavy freight.

On the embankment to the south of the tracks at right angles to them is the tender of the freight engine; is the tender of the freight engine; the distribution of the tracks at right angles to them is the tender of the freight engine. In the tender of the freight engine, the the rules of the 150-ton engine. No. 225, the bottom of its boiler lying along the embankment to the north.

engine No. 235, the bottom or its boiler lying along the embankment to the north.

Just at 9 o-lock this morning the work of the wrecking crew had progressed far enough to enable them to remove the body of the third victim, that of Engineer Harry Overend, of the flier. The first body found was that of 1.8. Martin, brakes:am, on the freignt train. A smear of blood on the embankmen, and a broken lamp in the direct mark the place where he met his death. The body direct to the south of the tracks at an early hour this morning. It had an early hour this morning. It had nearly hour this morning. It had covered with debris. Dr. Sutton empanelled a jury at Port Credit to-day to ascertain the cause through which the men met their death.

"A LITTLE TOO FAR."

"Jump!" Shouted Veteran Engineer Harry Overend—Three

Were Killed in Smash

460-TON FLIER, AT 60 MILES,
Hit Freight Engine Crawling with
Fifty Cars—Engines and Crews

Suffer Terribly, But Passengers Escape Amid the
Destruction

THE WRECK.

Jone 10 feet before it came to a standatil. Hinge clods of frozen the mass before the carbankment through the wooden fences to the word of the engine, with Engineer Harry over on its side and acted as a brake for the mass behind it, the cab brake for the mass behind it. The heavy steel work about the wooden fences to the freight of the engine, with Engineer Harry over on its side and acrashed through of the engine, with Engineer Harry over on its side and crashed through the wooden fences to the freil over on its side and crashed through the wooden fences to the order on its side and crashed through the wooden fences to the order on its side and crashed through the wooden fences to the order on its side and crashed through the wooden fences to the order on its side and crashed through the wooden fences to the order on its side and crashed through the wooden fences to the order on its side and crashed through the wooden fences to the order on its side and crashed through the wooden fences to the order on its side and crashed through the wooden fences to the order on its side and acrashed through the wooden fences to the order on its side and acrashed through the wooden fences to the order on its side and acrashed through the wooden fences to the order on its side and acrashed through the wooden fences to the order on its side and acrashed through the wooden fences to the order on its side and acrashed through the wooden fences to the order on its side and acrashed through the wooden fences to the order on its side and acrashed through the wooden fences

A COMPLETE WRECK.

The first two cars of the freight train were utterly demorshed. Parts of the roof of one of the cars lay upon the southern embankment, but matchwood is the only description that can be given of the rest of the two cars. Their contents were scattered everywhere. In the field boxes of canned tomatoes formed a verification of the cars of canned tomatoes formed a verification and in all sorts of shapes. Some of them had burst and stained the snow with their crimson contents.

Contents.

GOOD MEN GONE.

Harry Overend, the dead engineer of the flier, was recognized as one of the most efficient engineers in the service. He was 57 years of age, and was in his forty-second year on the road. It was he who was chosen to take the engine when royalty was to be carried ver the road, and he was forequently detailed to drive for high requently detailed to drive for high safety were required. In 1904 he was failway officials when speed and safety were required. In 1904 he was injurred while on the same train. To protect it he leaned too far out of his cab and was struck by a semaphore post, On that occasion he was carried for 30 of the dimited by his fireman that he was unconscious. He was in the hospital for some months on account of the injuries he then received. He leavus as widow and six children, four some and two daughters. One son is Rev. Brother' school.

His funeral will be from St. Peter's Church, of which congregation he was a member.

Church, of which congregation was a member, to Mount Hope Cemetery.
The Dominion Board of Railway Commissioners will despatch a spectal officer from Ottawa to conduct on investigation.

TRACKEDY IN THE DARK.

TRAGEDY IN THE DARK. TRAGEDY IN THE DARK.
Last night the horrors of the scene were shrouded by a bleak darkness. For a long time the lanterns of the training time the lanterns of the training were the only worked. It was not till considerably later that acceylene the security brought from Minion hars were Godfrey was caring for the injured training, he had to conduct his examination with lighted in others.

MESSRS. LEMIEUN ON BOARD.

Among the passengers were Hon.

MESSRS. LEMIRUN ON BOARD.

MESSRS. LEMIRUN ON BOARD.

Among the passengers were Hon.

Rodolphe Lemieux and his brother.

Feal. Hon. Mr. Lemieux was on his

br. L. J. Lemieux. Sheriff of Mont
real. Hon. Mr. Lemieux was on his

had spoken on Wednesday, where he

had spoken on Wednesday where he

nual congress of the Ruilway En
"The impact was terrible," said Mr.

Lemieux. "The crew behaved splen
didly, and die verything possible."

The relief teverything possible."

The relief train which left Torouto

at 11.20 p.m. brought back the pas
sengers arriving at the Union Station shortly after one a.m. The pas
sengers on board raised a fund of

\$575 for the widow of Engineer Over-

MARCH 24 1916

system installation which had then been commenced, on the Canadian National's Oakville Subdivision, London Division, Southwestern Ontario District, Central Region, extending from Toronto to Hamilton, Ont., 38.71 miles, and which is now

ilton, Ont., 38.71 miles, and which is now pleted. The installation was necery on acount of rapidly increasing affic density. Color light signals were installed, a red light indicating stop; yellow, caution; and green, proceed, and there are none of the semaphore arms, movable discs, etc., commonly associated with railway signals, involved, the lights being relied upon for both day and night indications. This is the first color lights system of any consequence installed in Canada, but a small installation of 12 signals only was made by the G.T.R. between Lachine and St. Henri, Que. Approval of the color light system between Toronto and Hamilton was given by the Board of Railway Commissioners' order 33,817, June 27, 1923.

The signals govern traffic from Bathurst St. Jct., 1.3 miles west of Toronto union station, to Hamilton. From Bathurst street Jct. west to Canpa, 6.5 miles, they govern movements over 4 tracks; from Canpa to a point west of Port Credit, 5.5 miles, they govern movements over 3 tracks, and from the latter point to Hamilton, 25.41 miles, over 2 tracks, the road mileage embraced in the system being thus 37.41 miles. Altogether, there are 63 signal units in the installation, these being mounted as follows: 16 on brackets each supporting 2 units; 2 on brackets each supporting one unit; 4 on bridges spanning the tracks; 37 on 1-signal supports, and 4 on 2-signal supports. The system contains 9 miles of a.c. track circuits, and 29 miles of d.c. track circuits, the a.c. circuits extending from the

end to just beyond the west limit of track zone at Canpa, and embracing the Hamilton yard. There are 6 highway grade crossings having automatic protection, in the signal territory, one crossing over 3 tracks at mile 9.85 from Toronto, and 5 crossings over double track at miles 12.87, 21.2, 25.38, 38.31 and 34.4 respectively. In all cases, the crossing protection signal circuits were made part of the automatic railway signal circuits.

Each signal unit contains three 8½ in. lenses, arranged in a vertical row, and carefully focussed behind each lens there is an electric bulb with 2 filaments of unequal length. The shorter filament, which is regularly used for illuminating

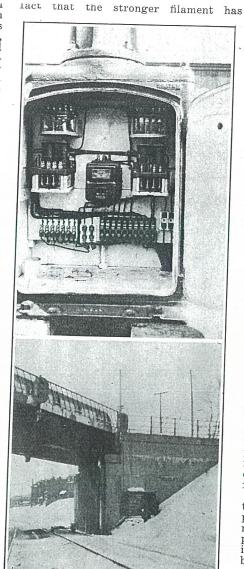


Fig. 1. Upper View, Receptacle for Batteries, Surmounted by Relay Case. Lower View, Signal Mounting on Bridge.

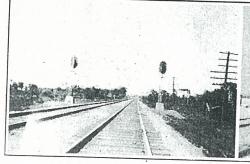
Each unit is equipped with a 10 volt storage battery standby, for use in case the regular current fails, in which case the battery current is cut in automatically through demagnetization of the coil through which the usual current flows. The storage batteries used are Exide type KXH 7, and similar batteries are used for the track circuit. The track batteries have 2 cells connected in series and the signal batteries 5 cells connected in multiple. The storage batteries, while not used for the lighting, are used for signal control, and this ensures that sufficient current demand will be made on them to prevent them from going stale. The "trickle charge" method of keeping the batteries fully charged at all times is used, the charging current being supplied from a 110 volt line through C.G.E. Magnar rectifiers. This 110 volt current is also used for lighting all main line switch stand lamps in the signal territory, these lamps having been equipped with small transformers and light units, located in the portion of the lamp usually occupied by the oil font. Disc type switch indicators are installed at all main line switches.

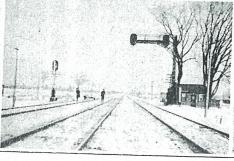
In operation, all lights are normally out, but light up on the approach of a train. This conserves current. The interpretations to be given the red, yellow and green light indications correspond to those given to a semaphore arm when at the horizontal, 45 degrees from the horizontal, and the vertical positions, respectively. When a train enters a block, the signal it has just passed presents a red indication to a following train, and the next signal in the rear a yellow indication, and the whole system is operated in accordance with the standard rules for automatic block signals for double track operation

for double track operation.

A feature of the system is that, on the 4-track section, a train on either the passenger or freight track lights the signals for both tracks. This arrangement prevents locomotive men from becoming confused, particularly on curves, and, by removing all doubt, ensures that no mistake will be made in accepting a signal not governing movements on the track occupied.

The receptacle for accommodating the storage batteries for the signal lights is shown in part in the upper view in the accompanying fig. 1. This receptacle is in the concrete base on which the relay case, shown with the door open, is supported, and only the upper part of it is shown in the illustration. The re-





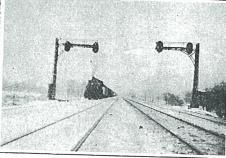


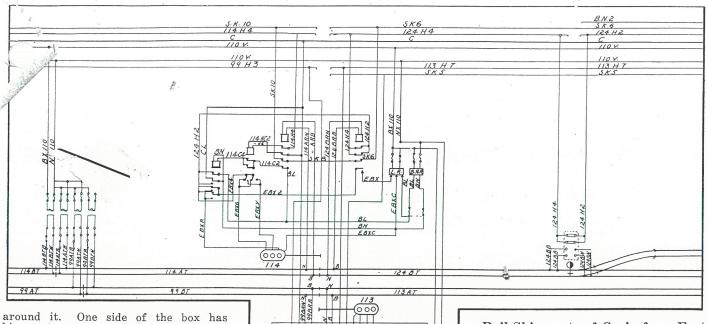
Fig. 2. Signal Arrangement for Double Track(left), Three Track (middle), and Four Track(right) Lines.

the lens, glows with the greater brilliar and consequently burns out first, the weaker light to perform the

burned out, by the diminished intensity of illumination.

The signal lamps are lit by 10 volt a.c.

cepacle is formed when the concrete for the base is being poured, by suspending a wooden box and pouring the concrete



hinges, to open outward, and when the batteries are placed in the box, this side is swung closed, and the batteries are further protected by a sliding iron door which fits in vertical grooves in the concrete. When the wooden sidewall door is closed, and the sliding iron door put in place, the relay case door is closed, after which the sliding iron door cannot be slid upward until the relay case door is again opened. This system of accommodating the batteries was developed et away from the usual method of and a battery well near the foot of the signal mast, and has produced a large economy in addition to affording the maximum of protection to the batteries, and accessibility. Fig. 1 also shows the method employed of flanging

the signal mast to the top of the relay case. The relay case is secured to the concrete base on which it rests by four long foundation bolts.

The lower view in fig. 1 shows a signal installation on an overhead bridge, with the relay case mounted on an abutment. In fig. 2, the left, middle and right views show the signal mounting for double track, 3 track and 4 track lines respectively. In the middle view, the track at the left is for westbound passenger and freight movements, middle track is for eas bound passenger movements and the track at the right is for eastbound freight movements. the right hand view, the left and right center tracks are for west and eastbound passenger movements respectively, and the left and right outer tracks are for west and eastbound freight movements respectively. Fig. 3 shows the typical circuits for a double signal location.

Grain Receipts at Fort William, Port Arthur and Vancouver.

Receipts of grain at Fort William and P Arthur, Ont., and Vancouver, B.C., Sept. 1, 1923 to Feb. 8, 1924, were as follows in bushels:—

	Fort William	
	and Pt. Arthur.	Vancouver.
Wheat		22,285,385
Oats	25,289,412	130,313
Barley	10,406,369	
Flax	3,442,386	
Rye	4,193,002	124,655
Total	276,908,346	22,540,353
Same period last year	241,603,231	10,987,260
Increase	35,305,115	11,553,093

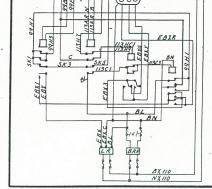


Fig. 3. Typical Wiring Diagram.

Names of apparatus and wires as follows: LR, light relay; BRR, operating battery rectifier; TRR, track battery rectifier; TRR, track hattery rectifier; TRR, track relay; HR, control relay; CR, pole changing relay; C, common; BL, low voltage positive battery; BN, low voltage negative battery; EBX, low voltage negative battery; EBX, low voltage a.c. lighting wire; TB, positive track feed wire; TN, negative track relay wire; RN, negative track relay wire; H, control wire; SK, switch indicator wire. A wire carrying positive energy to one or more operated units is in general designated by the name of the principal operated unit controlled by it, followed by a number indicating the number of circuit controlling contacts in the circuit between the wire and the unit. These numbers are even for even numbered signals, and odd for odd numbered signals. Names of apparatus and wires as follows:

Alberta Coal for Ontario.-Prime Minister Ferguson, in speaking in the Ontario Legislature recently, reviewed the province's fuel situation, and said that he hoped the Canadian National Rys., as a result of negotiations which were going on, would give Ontario the benefit of another cheap freight rate for Alberta coal, so that a supply for the winter of 1924-25 might be brought to Ontario during the summer. The Alberta Government is co-operating with Ontario in the matter, as it desires to increase the production of coal in Alberta, so that more permanent employment for miners may be provided.

Toronto Forwarding Co. Ltd., has been incorporated under the Ontario Companies' Act, with authorised capital of \$40,000 and office in Toronto, to carry on the business of general carrier, railway and forwarding agent, storage and warehouseman, transfer and express agent, and any allied business, with authority to take over the business of J. D. Todd, Toronto. The provisional directors are J. D. Todd, S. A. Todd, and J. L. James, Toronto.

Rail Shipments of Grain from Fort William and Port Arthur.

Shipments of grain by rail from Fort William and Port Arthur, Ont., for Jan. 1924 and 5 months ended Jan. 31, 1924, were as follows in bushels.

Wheat	Jan. 1,589,887 991,761 1,053,696 82,064 8,428 4,550	to Jan. 31 3,283,535 2,121,731 1,579,701 205,870 32,969 27,179
Total	3,730,386	7,250,985
Total for 5 months to Jan. 31, 1923		21,037,778
Mixed grain, lb	1,504,257	7,255,670

Grain Crop Statistical Year. — The Board of Grain Commissioners has decided that for statistical purposes the grain crop year will in future be from Aug. 1 to July 31, instead of from Sept. Aug. 1 to July 31, instead of from Sept.

1 to Aug. 31 as at present, and that the
1923-24 year will end July 31. The reason given is that, owing to the earlier
maturing varieties of wheat now being
grown, harvesting is usually general
early in August and that the August
movement in the country is nearly all
new gron. While the August lake shipnew crop. While the August lake shipments will be included in the crop move-While the August lake shipment of the following year, allowance will be made for all old grain held in the elevators at the head of Lake Superior on Aug. 1, and this will be deducted from the shipments, so that the new grain will be recorded separately. This, it is This, it is believed, will be simpler than adding the new wheat delivered to the elevators in August to the September movement. (Press report).

Fanciful Claim against C.P.R .- Vincent Sishlow sued the C.P.R. in the Quebec Superior Court recently to recover \$3,000 under the Workmen's Compensation Act, and common law, in respect of the death of his brother, a section employe, who was killed while at work as a result of an explosion. The action was brought in the interests of two children alleged to be those of the deceased man. Evidence was given showing that one of them was the legitimate offspring of someone else, and Mr. Justice Weir found that there was no evidence to warrant the conclusion that there was any relationship between the other child and the deceased sectionman. The case was dis-

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TORONTO DAILY STAR, THURSDAY, SEPTE

COLLISION KILLS BRAKEMAN AS CONDUCTOR LEAPS CLEAR

Walter Jowett Crushed to Death, When Engine Rams Caboose

IN STATION YARDS

Walter Jowett 39, of Gowan Ave., East York, a CNR, brakeman, was

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Walter Jowell

when night trapped in a caboose that was crushed by a CP.R. locomotive at the west end of the Union station. Conductor Clarence Marshall, Hanson Rd, leaped from the caboose in a split - second escape from death. caboose was t elescoped

into the end of a tank car loaded with gasoline by the force of the impact from the heavy transcontinental type engine. Jowett's body was wedged in the wreckage and it was three hours before it was icmoved by holding the tank car with a crane and backing the engine that wrecked the caboose.

Jowett was trapped just as he about to follow Marshall in a jump to safety. The caboose was on the end of a yard train of about 10 cars waiting on track 11 for a signal to proceed farther west in the yard. The locomotive, preparing to take a fast train west to Winnipeg.

September 28 1939