

CAR CONTROL MANUAL

SPRINGHILL
POINT DU CHENE
AND TORMENTINE
SUBDIVISIONS

CANADTAN NATIONAL RATIWAYS

MONCTON TO BELMONT

CAR CONTROL MANUAL

This book is for the information and guidance of Yardmasters, Yardmen, Foremen, Conductors, Trainmen and Yard Office Staff. It is the property of the Railway and is to be returned on request.

ssued	to:				

Issued by:

C. W. MacLean for District Superintendent

Moncton, N. B.

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INTRODUCTION

The instructions contained in this manual will govern operations in the territory under Car Control. All personnel affected by the Car Control program are expected to familiarize themselves with these instructions and are required to have a copy available while on duty.

Special or supplementary instructions will be issued by proper authority when required.

For the System to work, all car moves or changes in condition must be recorded and reported to Car Control. All reports must be based on the designated spins numbers shown on the attached schemalic maps. Since demurrage bills will be set on information submitted, all reports must be correct especially time of "placements", "constructive placements" and "set-offs".

The Car Control Centre is the main contact for customers to order cars, release cars or arrange placement.
Toll free telephone facilities are provided for this contact. When customers arrange car moves, full details of the request and the person making the request must be recorded for reference should there be a demurrage dispute or other complaint.

THE CAR CONTROL SYSTEM

PURPOSES

For better yard and siding control by rapid and accurate listings of car locations and conditions.

For better service to customers through prompt placement and removal of loads and empties.

For better utilization of cars and public siding through prompt car movement and faster collection of empties after release.

For improved and up-to-date records of car placements and movements.

HOW CAR CONTROL WORKS

The Carload Centre maintains a computer inventory of every car on all tracks and sidings within its territory, i.e., "Yard Inventory System".

Information pertaining to a change in each car's status and location is transmitted to the computer as the event occurs.

Current computer car records are used to prepare switch lists and other documents for yard and train operations.

GENERAL PROCEDURES

A - SWITCH LISTS

- The Yard Foreman & Conductors will receive one or more copies of each switch list depending on requirement.
 - a. The hard-back copy must be completed & returned to the Car Control section or designated location.
 - b. The paper copies can be discarded after the switching has been performed.
- Switch lists will contain cars which must be handled. The lists will show where the cars are to be taken from and where they are to be placed at.
- 3. Each customer or yard track is assigned a zone, track or spot number which is defined by the acronym "SPINS".
 - a. The <u>zone</u> is made up of two positions as follows:
 - (i) An alphabetic & a numeric character, or,
 - (ii) Two alphabetic characters.
 - two positions numberic.
 - c. The <u>spot</u> or spot range can be either numeric or alphabetic and may identify certain special switching instructions.

- (i) The following SPOT indications are to identify specific switching instructions:
 - 00 Car left on or to be left on the lead
 - 90 Place cars any order
 - 91 Place car at 1st special unloading area from North or East end of track
 - 92 Place car at 2nd special unloading area from North or East end of track
 - 93 For local application as required.
 - 94 For local application as required.
 - 95 Place car at open area where not possible to identify spot number.
 - 96 Flace car at storage area of track.
 - 97 Place car at Team Track area of track
 - 98 Industry will furnish list
 - 99 Place car on stop block.
- (ii) Double alphabetical spot characters will identify Team Track Customers with the exception of any spot starting with character "X" which is used for special computer processing.
- 4. To assist in train make-up of cutbound or through traffic, a three digit number is used to identify such traffic and is identified by the acronym "TAG" number.

4. a. The 980-999 TAG series is used to identify "Car Handling Required" for cars located at a line station as outlined below:

Number	Car Handling Required
980 9 8 1 982	Bring Car to Terminal Send/Take Car North Send/Take Car South
	Send/Take Car West
984	Send/Take Car East
985	Leave Car at Junction
986)	
987)	Local Meanings
988)	
989	Bring Car to North or
	West Terminal
990	Bring Car to South or
	East Terminal
991	Pull Car, Leave on Passing
	Track to move North
992	Pull Car, Leave on Passing
	Track to move South
993	Pull Car, Leave on Passing
	Track to move West
994	Pull Car, Leave on Passing
	Track to move East
995	Pull Car, Leave at Junction
996)	
997)	Local Meanings
998)	
999)	

B - MARKING OF SWITCH LISTS BY THE FOREMAN OR CONDUCTOR

1. a. Cars not in the track

If a car appears on the switch list, but is not in the track indicated $\hat{\alpha}$ cannot be found elsewhere, stroke that car off the list by putting a line through it.

b. Cars not moved as instructed

If a car is moved to a track other than the one shown on the switch list, or for some reason it is a "throw back" to the track it came out of:

- Cross out the track number where the car should have gone.
- (ii) Write in the track number where the car was left and the reason.

c. Repetitive Information

Where the track number or the same place or pull times can be used against a list of cars:

- (i) Check marks (may be used for repetitive information, but should be distinct.
- (ii) A vertical line may be used for repetitive information, but should be distinct.

(iii) DO NOT USE ditto marks (").

d. <u>Returning Switch Lists to Car</u> Control Section

- (i) The marked hard-back copy of switch lists must be returned to the Car Control section.
- (ii) Any switch lists prepared manually by the Yard Foreman and those supplied by Industries must also be forwarded to the Car Control section.

e. Identification on Switch Lists

The Yard Foreman must sign each switch list prior to returning it to the Car Control section.

f. Maintaining Sequence of Yard Tracks

In order to provide switch lists of yard tracks in sequence listing, it will be necessary for the Foreman to advise the Car Control Section of the order in which cars were handled.

- (i) If the cars are switched from the opposite direction to that shown on the switch list, this should be noted on the lists.
- (ii) If the track is switched in more than one cut, the cuts should be identified by drawing a line across the page and shown as "Cut 1", "Cut 2", etc.

(iii) If cars are thrown back on the original track or temporarily held out to facilitate the switching and it disrupts the sequence, the Car Control section must be notified of what happened.

g. Reporting Work Completed

In order for Car Control to keep up to date and be prepared to provide switch lists for other crews as soon as required, it will be necessary to report some moves upon their completion even though the Foreman records the track number on his switch list.

- (i) The Foreman working within train yards will inform the Car Control section of what he has done, on completion of each list.
- (ii) The Foreman bringing cars in from Industrial Zones to train yards will inform the Car Control section as to where the cars were left or what switching was performed with these cars.
- (iii) The Foreman will indicate the reasons for not performing assigned switching on the appropriate car line of the switch list; i.e., gates locked, truck blocking tracks, dirty car, etc.

2. Train Yard Procedures

a. Switching Not Completed

If for any reason work assigned on the switch list cannot be completed:

- (i) Draw a horizontal line after the last car handled.
- (ii) Draw a bracket to cover the list of cars not handled and write "NOT HANDLED"
- (iii) If the cars not handled are left in a track other than the one shown on the switch list, show the new track number where cars were left.

3. Industrial Zone Procedures

- a. <u>Cars spotted for loading/</u> <u>unloading</u>
 - (i) Show the time car was placed.
 - (ii) If the car was placed at a location other than that shown in the "Place At" field of the switch list:
 - (a) Draw a line through the SPINS where the car should have gone.

(b) Write in the new track where the car was spotted.

). Loads and Empties Pulled from Siding

- (i) Show the time car was pulled.
- (ii) If the car was not brought to the train yard, show the SPINS where car was left.

c. Cars Constructively Placed or Placed Off Spot

- (i) Draw a line through the SPINS where the car should have gone.
- (ii) Write in the new track (SPINS) where the car left.
- (iii) Show the time placement attempt was made.
- (iv) Give a short explanation of why the car could not be spotted, e.g. gates locked, frozen switch, etc.

NOTE:

If the car was left "off spot" on the track where it should have been left, disregard (i) and (ii) above; write the words "off spot" and the reason.

1. Cars and Request Moves Now Shown on Switch Lists

If a car is moved and it does not appear on the switch list, record the car moved either on the switch list supplied, or on a separate form showing:

- (i) Car Initials and Numbers
- (ii) Load/Empty Status
- (iii) Track (SPINS) taken from
- (iv) Time Pulled/Placed
- (v) Track (SPINS) where placed

This also applies to customer requests to move a car which was placed for loading or unloading to another "spot" on the same track or to another "track" within his plant.

C - SPECIAL HANDLING DESCRIPTION

CODE	DESCRIPTION
AGE	Overage Car
ARX	Articulated Car Bodies
	(X=Number of Car Bodies)
CAN	Cancelled Car
COM	Placard Group 7 - No
	Marshalling Required
CRP	Caution - Residual Phosphorus
CTC	RTC Order R-36544 Applies to
	112-114 Tanks
CT4	MAR/DAN/CTC Combination
CT5	SCH/DAN/CTC Combination
CT6	DAN/CTC Combination
DAN	Placard Group 4 - Dangerous
	Placard Group 5 - Dangerous Empty
	(For Dangerous Empty Tanks)
DNH	Do Not Hump

CODE	DESCRIPTION
DNM	Do Not Move with Dangerous
	Commodities
DSC	Double Stacked Container
DlU	Dimensional Class. 1
	Unrestricted
D2U	Dimensional Class. 2
	Unrestricted
D1R	Dimensional Class. 1
	Restricted
D2R	Dimensional Class. 2
	Restricted
D3R	Dimensional Class. 3
	Restricted
D4R	Dimensional Class. 4
	Restricted
D5R	Dimensional Class. 5
	Restricted
D6R	Dimensional Class. 6
	Restricted
D7R	Dimensional Class. 7
	Restricted
D8R	Dimensional Class. 8
	Restricted
D9R	Dimensional Class. 9
	Restricted
FE	Front End
FPG	Placard Group 6 - Flammable
	Poison Gas
H	Heating Instructions
LHV	Load High Value
L	Livestock Last Loaded Data
MAR	Marshalling - Cannot be Next
	to Flammable Gas (SCH)
MRE	Mechanical Refrigeration

CODE		DESCRIPTION
NMR		EMPTY - No Marshalling Required
NPR		No Placards or Marshalling Required
OHC		Operating Heating/Cooling Device
PLT		Partially Loaded Tank Car
POG		Placard Group 2 - Poison Gas
P		Pool Number
RAM	4	Placard Group 3 - Radioactive
RE		Rear End
REJ	3.	Reject Car (Unfit for Loading)
SCH		Single cut hump shove to rest this
		car and following car (applies to
		cars containing compressed
	27-0	flammable gas).
SPD		SPL DAN 35 mph CTC Order R-32791
SR		Speed Restriction
UOS		Unload One Side
V		Venting Instructions
WTB		Weight on Track and Bridges
XPL		Placard Group 1 - Explosive A
		May also contain free form Special
		Handling Instructions or Car
		Distribution Instructions.

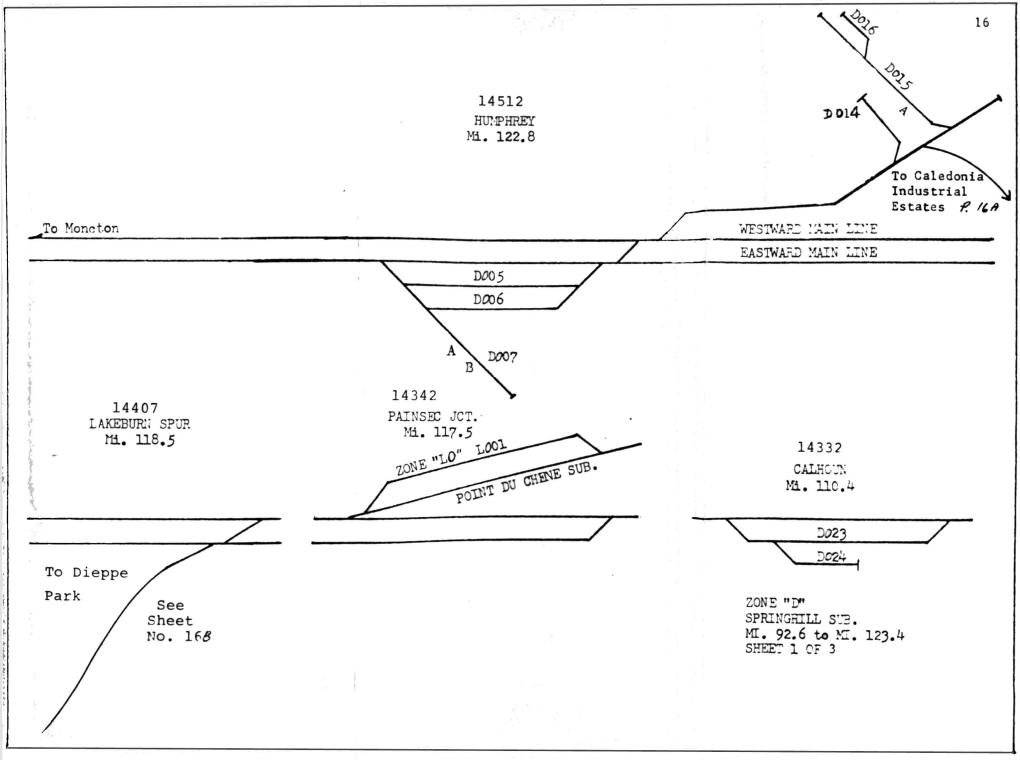
ZONES "DO", "DC", "DP"

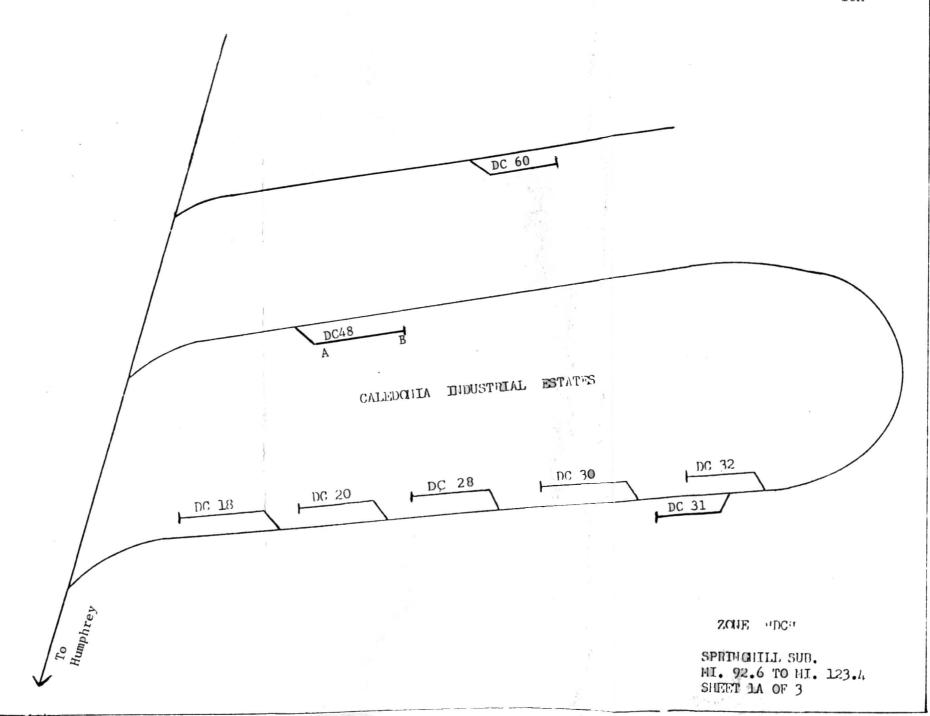
SPRINGHILL SUBDIVISION

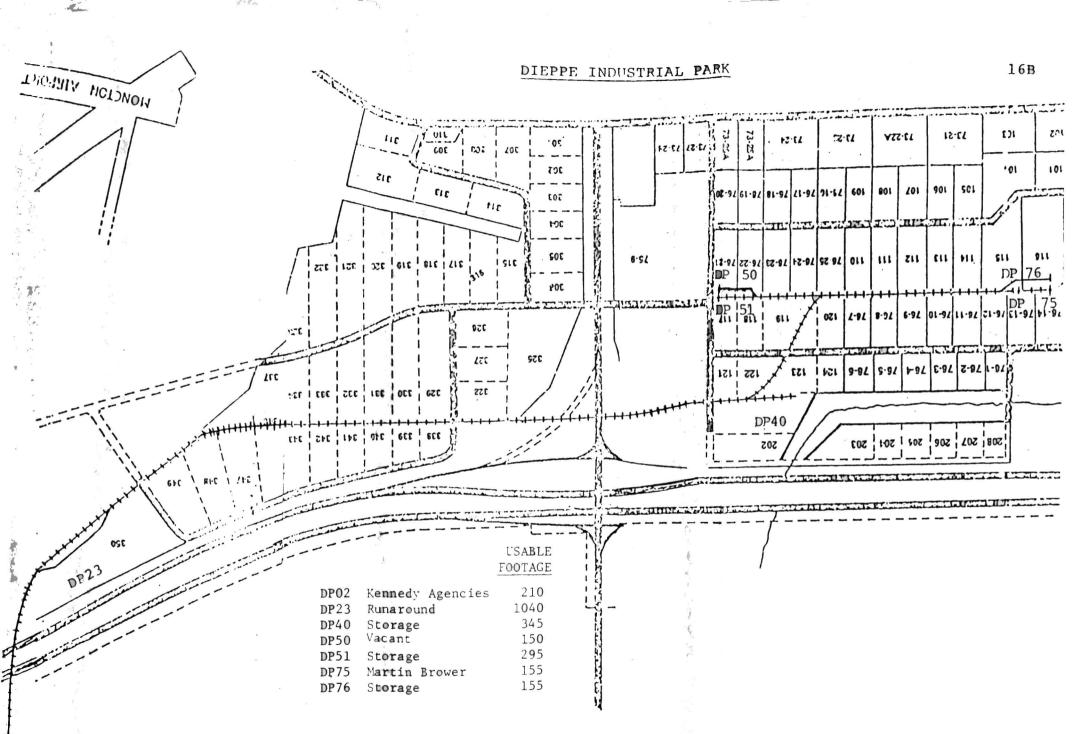
MILE 92.6 to 123.4

SHEET 1 OF 3

	ODTNO	DESIGNATION	USABLE FOOTAGE
	SPINS	DESIGNATION	FUUTAGE
	D00 5	Humphrey Storage Track	1400
	D006	Humphrey Team & Storage	1220
	D007TT	Humphrey Team Track)	
	D0070B	Humphrey Abe Levine & Son	s) 1000
	1	Scrap-Buctouche Spur	
	D014	Mar. Co-op	1140
	D0150A	Daigle Lumber Co.	1300
	D016	Vacant	120
	D023	Calhoun Passing Track	5460
	D024	Calhoun Storage Track	420
	DC18	Stafford Foods	310
	DC20	Superior Propane	275
	DC28	Clover Produce	340
	DC30	Bolands (IGA)	650
	DC31	Imperial Oil	460
	DC32	Corp (170) Ltd.	480
	DC48	Canada Packers	400
	DC60	Canadian Liquid Air	345
*	DP02	Kennedy Agencies	210
	DP23	Runaround	1040
	DP40	Storage	345
	DP50	Vacant	150
	DP51	Storage	295
	DP75	Martin Brower	155
	DP76	Storage	155







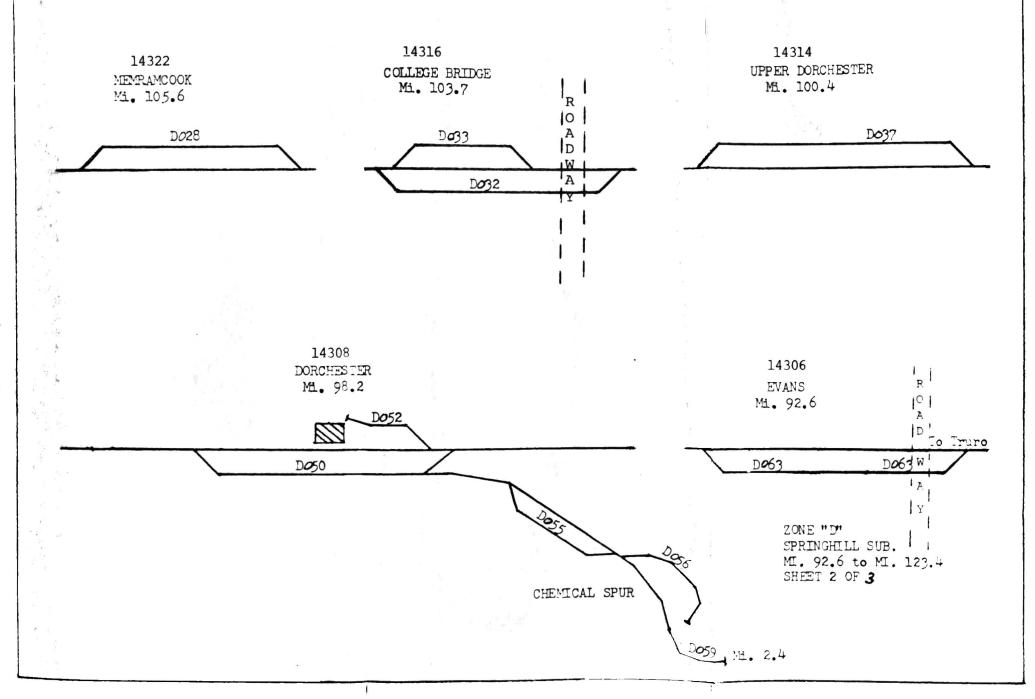
ZONE "DO"

SPRINGHILL SUBDIVISION

MILE 92.6 to 123.4

SHEET 2 of 3

		USABLE
SPINS	DESIGNATION	FOOTAGE
D028TT	Memramcook Team Track	390
D032	College Bridge Pass. Tk	3240
DO33TT	College Bridge	330
D037	Up. Dorchester Pass. Tk	6375
D050	Dorchester Pass. Tk	3280
D052TT	Dorchester East Team Tk	565
0055	Chemical Sp. Storage Tk	450
D056	Atlantic Industries Ltd.	1100
0059	Vacant	2775
D063	Evans Passing Track	8810



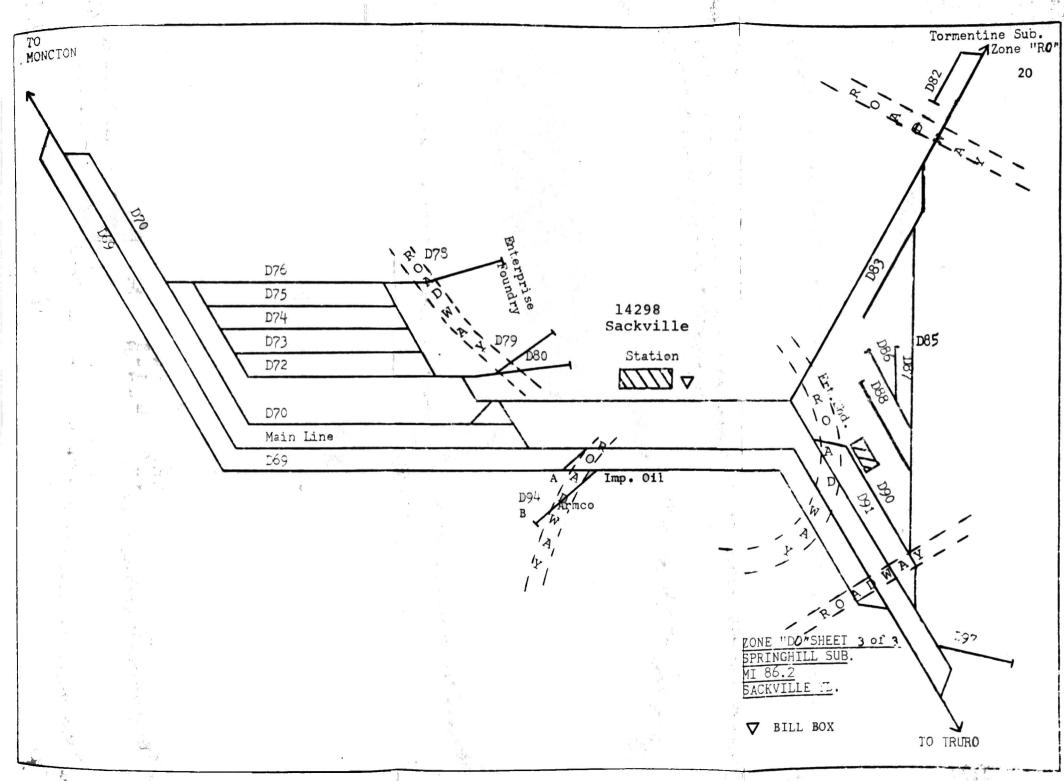
SPRINGHILL SUBDIVISION

SACKVILLE, N. B.

MILE 86.7

SHEET 3 OF 3

	1	JSABLE
SPINS		FOOTAGE
D069	South Passing Track	7850
D070	North Passing Track	4175
D072	Storage & Marshalling	
4	Track No. 2	1435
D073	Storage & Marshalling	
	Track No. 3	1430
D074	Storage & Marshalling	
. F.	Track No. 4	1415
D075	Storage & Marshalling	_
_	Track No. 5	1385
D076	Storage Track No. 6	1300
D 078	Enterprise Foundry Co.	730
DO 79	Enterprise Foundry Co.	400
DO80TT	Crane & Team Track	165
D082	Vaeant	400
D08 3	Storage Track	400
D08 5	Wye Track	615
DO86TT	Storage & Team Track	190
DO87TT	OCS Oil & Team Track	260
D088TT	Team Track (High Wharf)	480
D090	Frt. Shed & Storage Pen Tk	
D091	North Passing Track	3520
D0940A		•
D0940B	Armeo Westeel Ltd.)	675
D097	Maloney Electric Co.	60



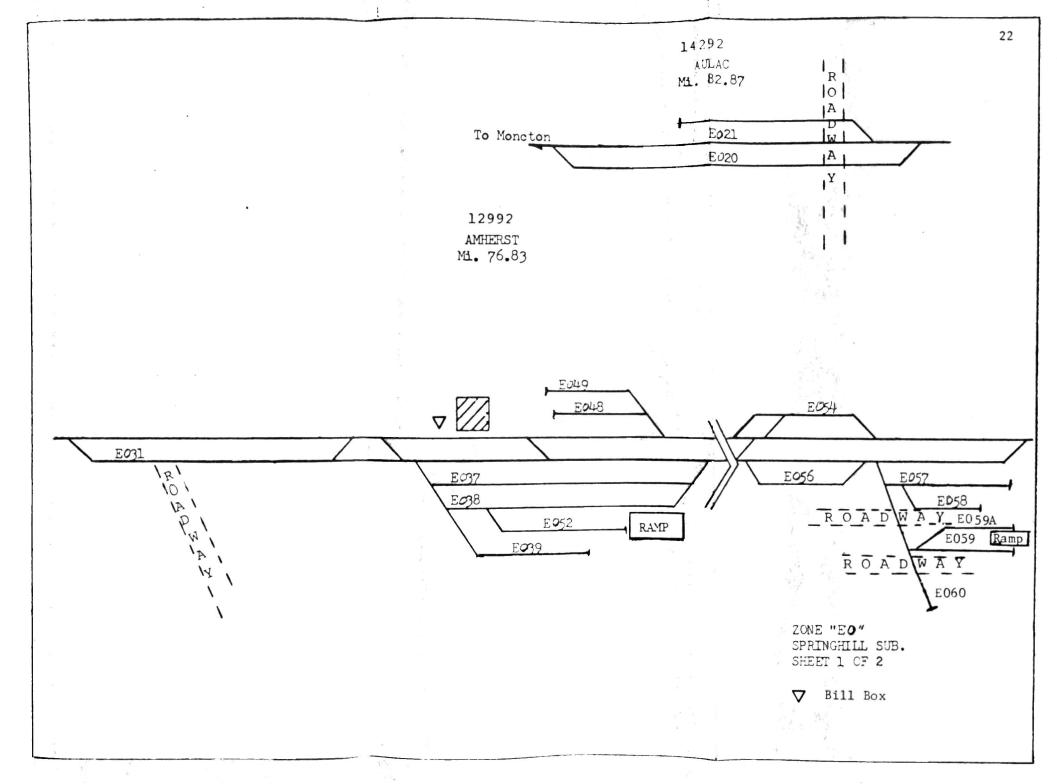
ZONE "EO"

SPRINGHILL SUBDIVISION

MILE 82 to 60

SHEET 1 of 2

SPINS	DESIGNATION	USABLE FOOTAGE
E020 E021TT E031 E037 E038TT E039TT E048 E049TT E050 E054TT E0560 E057 E058 E059	Aulac Passing Track Aulac Team Track Amherst Passing Track Storage Track Storage & Team Track Yard Track Freight Shed Track Team Track (Side Ramp) Vacant Paved High Wharf (Public) Storage Track Amherst Industries Ltd. Marden Wilde Amherst Industries Ltd.	3030 310 3785 1800 1500 625 675 325 500 2250 1585 3345 180 710
E060	Aerovox Canada Ltd.	1435

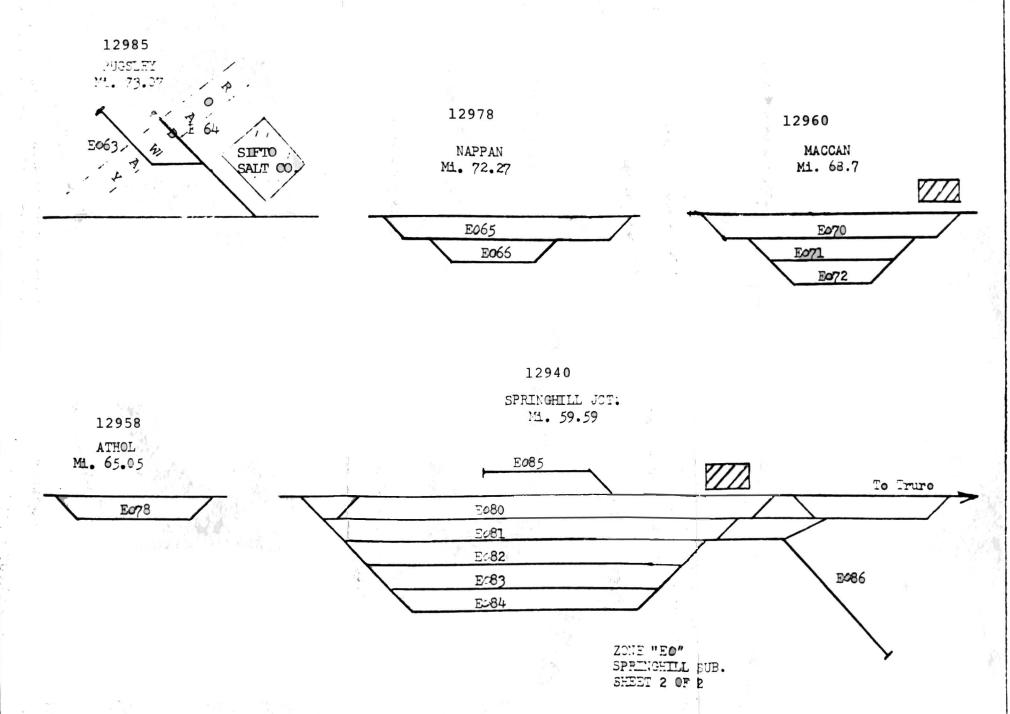


ZONE "EO"

SPRINGHILL SUBDIVISION

MILE 82 to 60

		USABLE
SPINS	DESIGNATION	FOOTAGE
E063	Domtar (Sifto Salt)	310
E064	Domtar (Sifto Salt)	1050
E065	Nappan Passing Track	2780
E066TT	Nappan Passing Track	325
E070	Maecan Passing Track	9620
E071	Maccan Storage Track	2250
E072	Maccan Storage & Team Tk	1600
E078TT	Athol Team Track	500
	Springhill Jct.	
E080	Passing Track	11110
E081	Storage Track	2645
E082	Storage Track	2440
E083	Storage Track	2200
E084	Stg & Coal Ltd. Track	2145
E085TT	Team Track	425
E086	Storage Track &	1445
-	Boarding Car Placement	

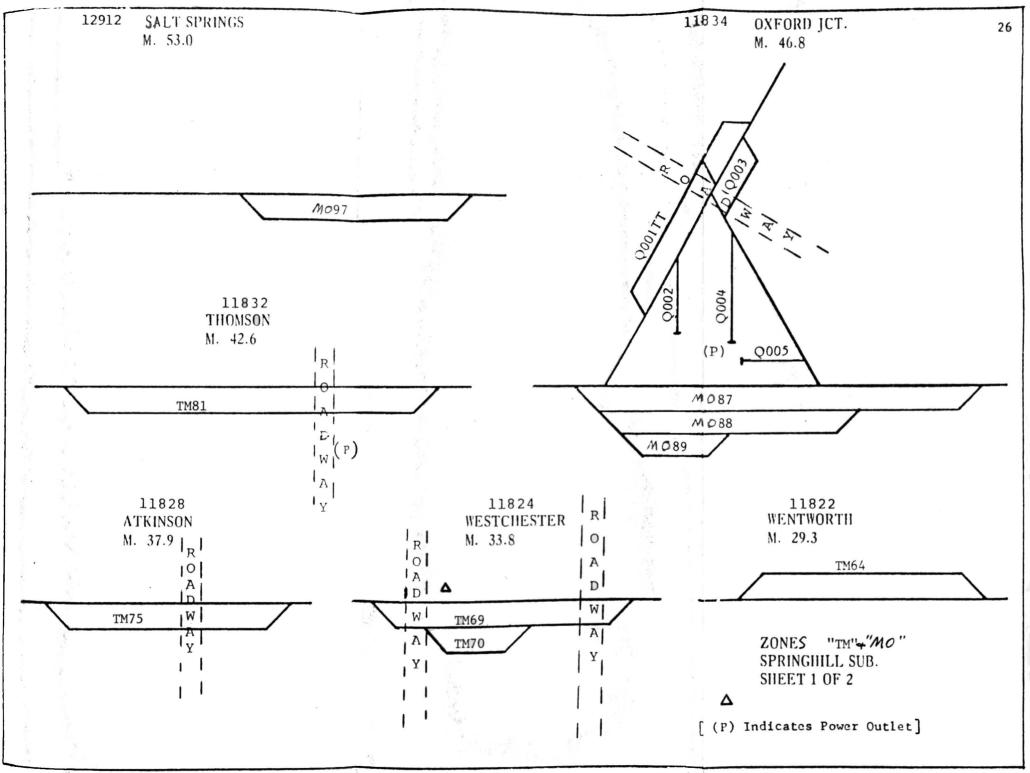


ZONE "MO" "TM"

SPRINGHILL SUBDIVISION

SHEET 1 of 2

SPINS	DESIGNATION	USABLE FOOTAGE
M097	Siding	670
M089TT	Team Track	600
M088	Storage	3045
MO87	Siding	6360
Q005	Storage (Boarding Cars)	545
Q004	Storage	375
Q003TT	Team Track & Chip Siding	1000
Q002	Storage	280
Q001TT	Team Track (High Wharf)	1535
TM81	Siding	3220
TM7/5	Siding	6350
TM70TT	Team Track (Side Ramp)	580
TM69	Siding	4550
TM64	Siding	3500

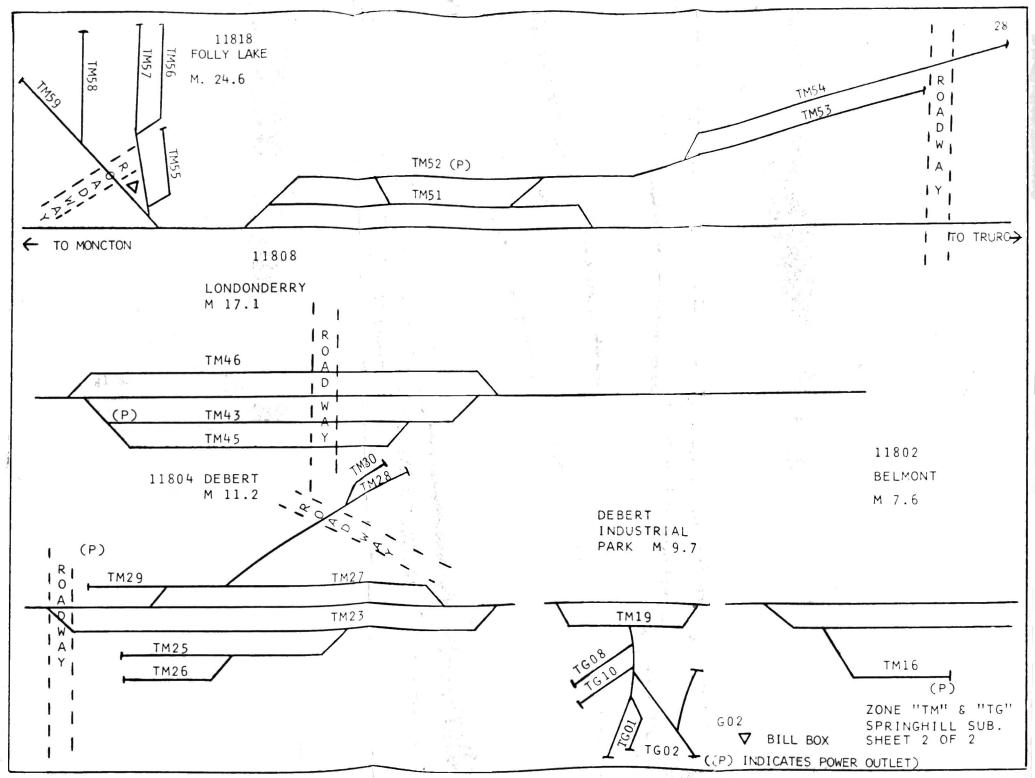


ZONE "TM" & "TG"

SPRINGHILL SUBDIVISION

SHEET 2 of 3

SPINS	DESIGNATION	USABLE FOOTAGE
TM59	Ballast Pit Siding	1200
TM58	Ballast Pit Siding	1050
TM57	Ballast Pit Siding	2610
TM56	Ballast Pit Siding	1020
TM55	Ballast Pit Siding	1325
TM54	Siding (End Ramp)	1325
TM53	Storage Siding	1930
TM52	Storage Siding	5700
TM51	Storage Siding	7,160
TM46	Siding	6635
TM45TT	Team Track	990
TM43TT	Team Track	2300
TM30	Cooks Chick Hatchery	200
TM29	Storage	525
TM28	Vacant	3625
TM27	Storage	1255
TM26TT	Team Track & End Ramp	480
TM25TT	Team Track & Side Ramp	580
TM23	Siding	3190
TM19	Runaround	900
TM16	Storage Siding	545
TG1 0	Vacant	320
TG08	Vacant	350
TG02	Vacant	195
TG01	Vacant	495

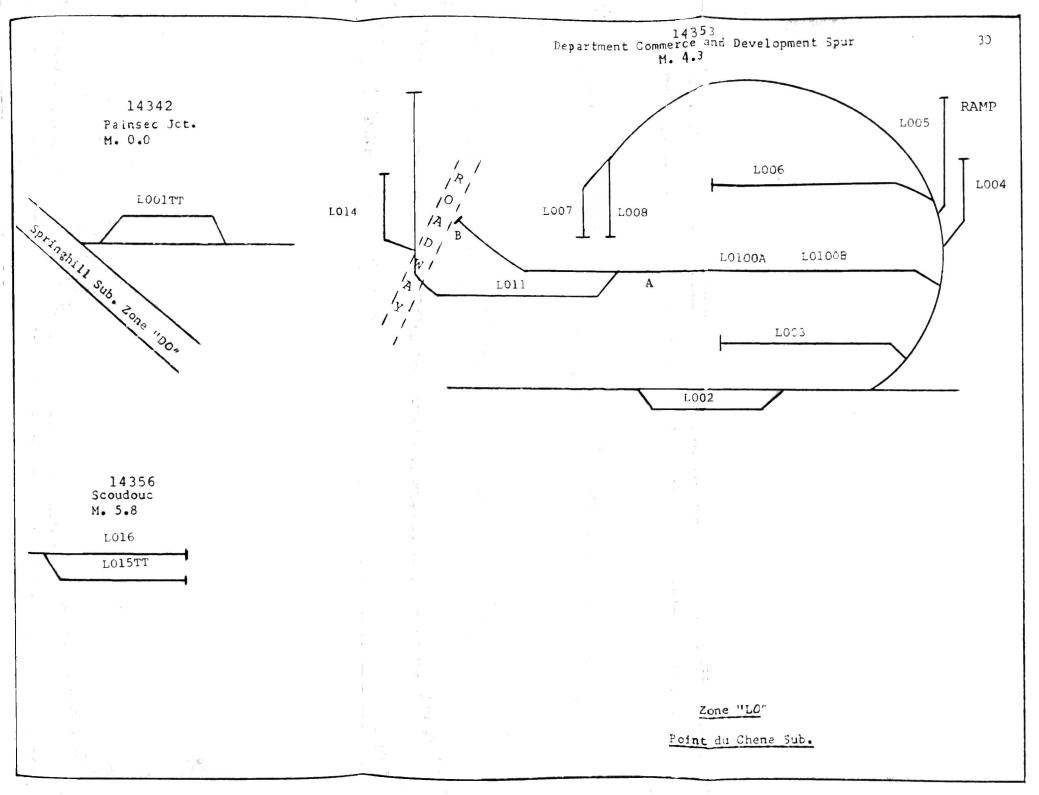


ZONE "LO"

POINTE DU CHENE SUBDIVISION

MILE 0.00 to 11.5

SPINS	DESIGNATION	USABLE FOOTAGE
L001TT	Painsec Jct. Team &	
	Storage Track	610
L002	Runaround	1350
L003	Norcast	1695
L004	Team Track	275
L005	Team Track & Ramp	135
L006	Storage	955
L007	Domglass Canada Ltd.	90
L008	Domglass Canada Ltd.	90
L0100A	Vacant)
L0100B	Domglass Canada Ltd.) 485
L011	Lockwood Ltd.	1320
L014	Lockwood Ltd.	90
L015TT	Scoudouc Team & Stg.	Track 890
L016	Storage	890



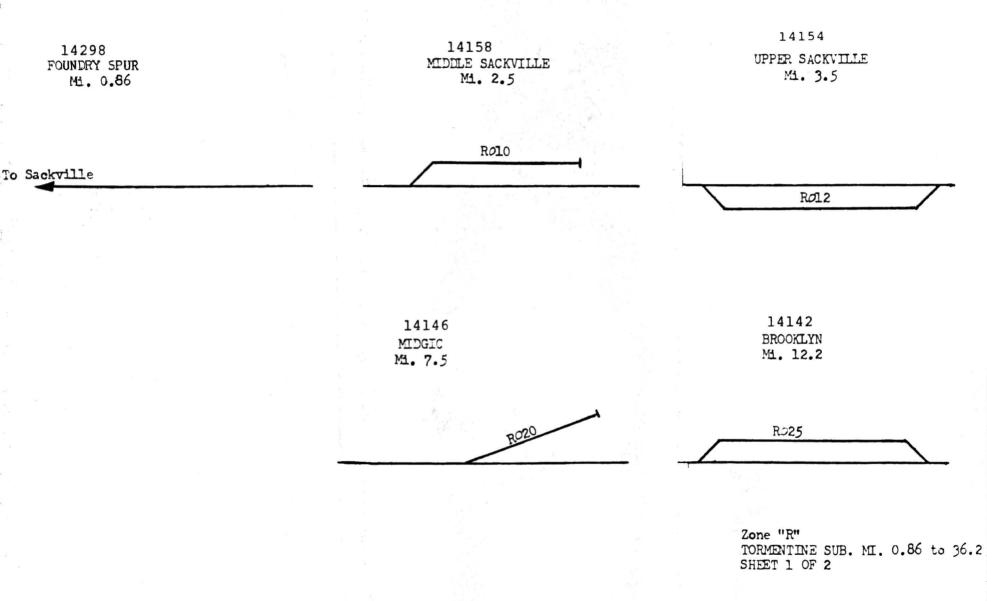
ZONE "RO"

TORMENTINE SUBDIVISION

MILE 0.86 to 36.2

SHEET 1 of 2

SPINS	DESIGNATION	USABLE FOOTAGE
R010TT	Middle Sackville Team Tk	295
R012TT	Upper Sackville Team Tk	400
RO2OTT	Midgic Team Track	700
R025	Brooklyn Passing Track	2180



ZONE "RO"

TORMENTINE SUBDIVISION

MILE 0.86 to 36.2

SHEET 2 of 2

SPINS	DESIGNATION USABLE FOOTAGE	
RO28TT RO33 RO34TT	Baie Verte Team Track 325 Port Elgin Passing Track 1880 Port Elgin Team &	
RO35TT	Storage Track 170 Port Elgin Team &	
RO4OTT	Storage Track 250 Hardy Team & Storage Track 230	
RO45TT RO46	Melrose Team Track 600 Melrose Passing &	
	Storage Track 1480	
R051	Hill Yard Storage Track 2515	
R052	Hill Yard Storage Track 2515	
R059	Cape Tormentine Yard Turntable & Diesel Shop Tk 345	
R061	Cape Tormentine Yard	
	Storage Track #1 725	
R062	Cape Tormentine Yard	
	Storage Track #2 635	
R063	Cape Tormentine Yard	
	Storage Track #3 630	
R064	Cape Tormentine Yard	
	Storage Track #4 630	
R065	Cape Tormentine Yard Engine	
DO COMM	and Fueling Track 720	
R069TT	Cape Tormentine Yard Team & Storage Track 1075	
R070	New Main Line 2870	
R071	Old Main Line 2425	
R081	Ferry Dock Ferry Ramp Tk 1 420	
R082	Ferry Dock Ferry Ramp Tk 2 320	
R083	Ferry Dock Storage Track 355	
R085	Reacher-Car Storage 415	

