

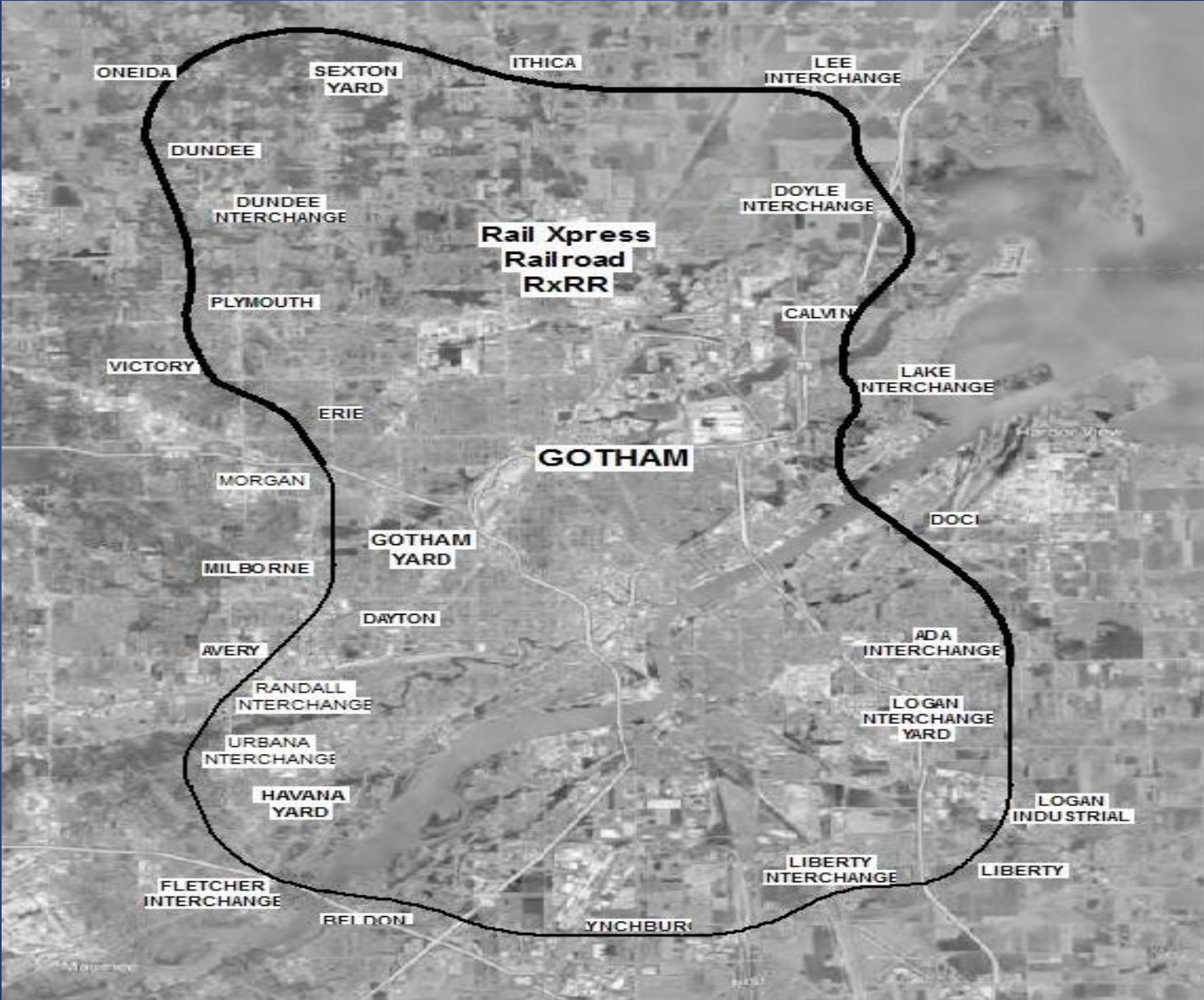


# Rail Xpress Railroad RxRR

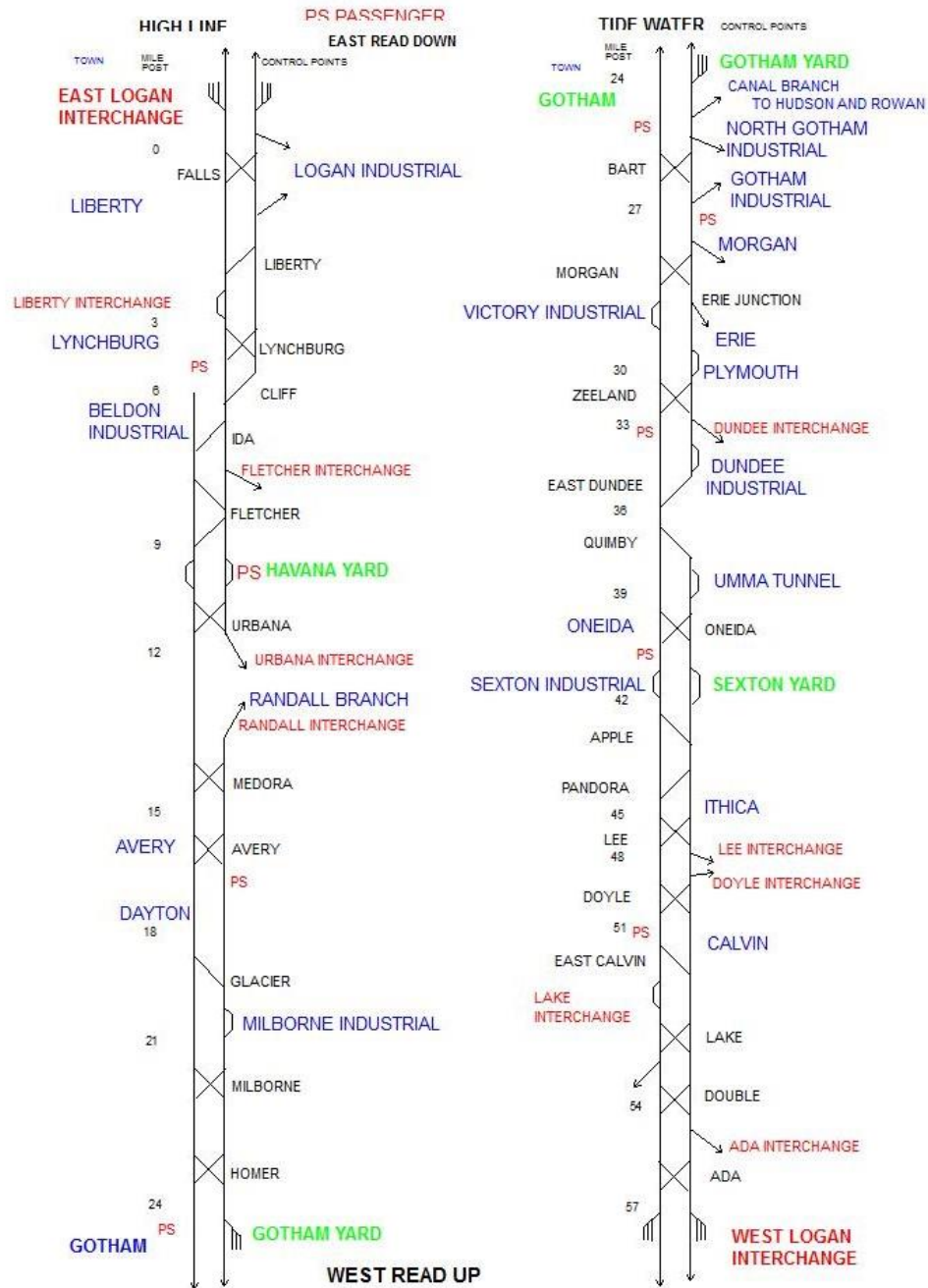
Ops Orientated Layout

By Dan Hinel

# Aerial Map of Gotham and surrounding cities



# RxRR 3.0



## RxRR 3.0 Overview

CTC controlled double track beltline switching railroad built for operations (Approximately 250 ops sessions to date)

Utilizes C/mri system for train detection and signaling

Modern graphic CTC panel using Microsoft Visual Basic

Card Forwarding System is Card Orders

(each industrial spot is assigned specific car type)

Over 600 car spots

NCE Wireless System

Intercom Phone System used for Communication

Trains run in sequence (See Dispatcher Train Log)



# RxRR 3.0 Overview

## Typical Crew

Dispatcher

Gotham Yard Master

Sexton/Havana Yard Master

Eight Single or Two person Road Crews



# OUR OPERATING GROUP IF OUR "EXPERTS" CAN DO THIS YOURS CAN TOO



WITH APOLOGY TO CARL FALLBERG



## Layout:

2700 sq. ft. room

Double Track Main line 830 ft. with 75 ft. branch line

Total track length 3705 ft. and 325 turnouts

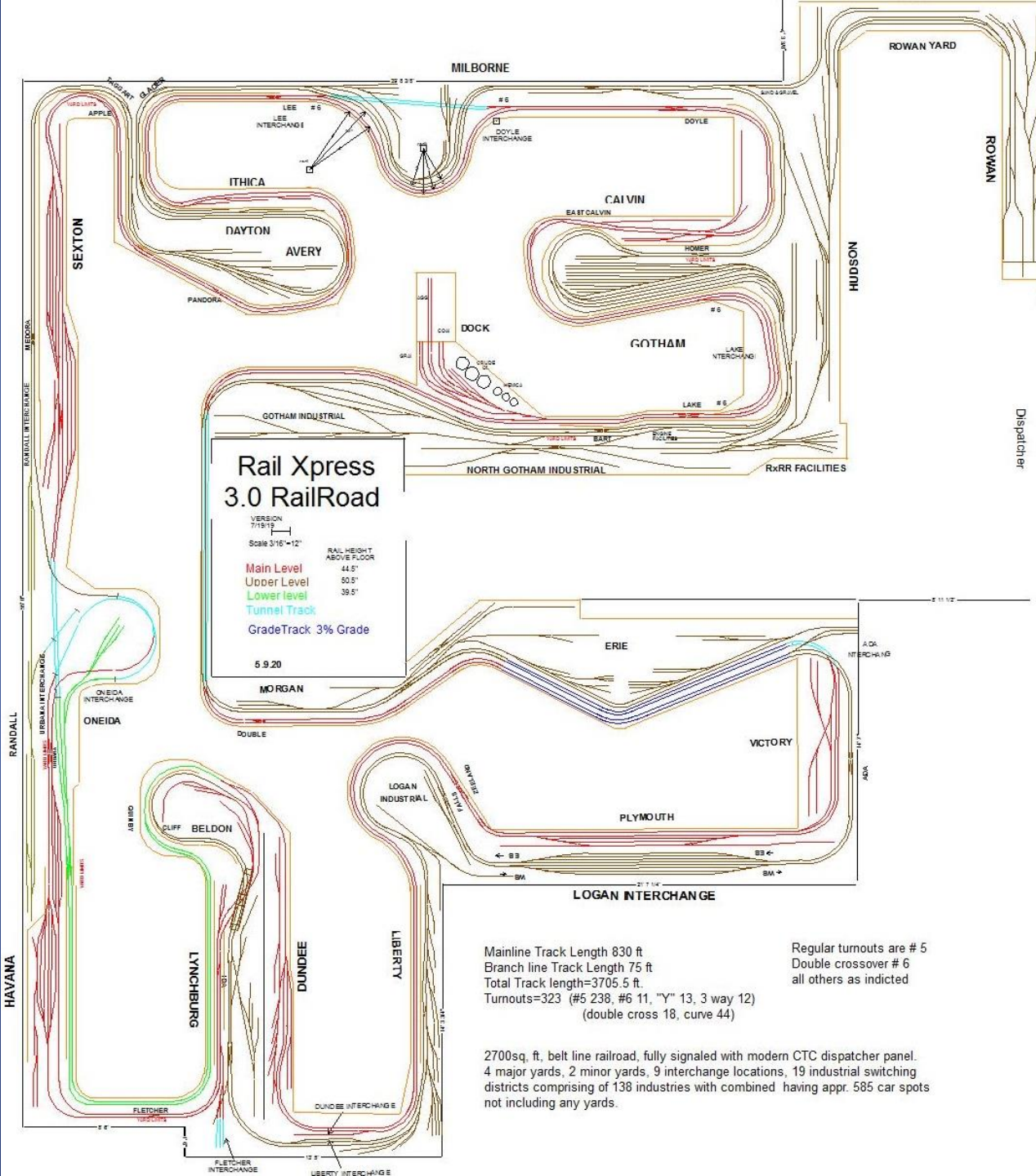
Two levels but one deck (6 " difference)

One level switching area the other run through

Fully Detected (168 blocks)

Fully Signaled (over 200 signal heads or 540 LED)

30 Control Points



### Rail Xpress 3.0 RailRoad

VERSION  
7/19/19

Scale 3/16"=12'

RAIL HEIGHT ABOVE FLOOR  
 Main Level 44.5"  
 Upper Level 50.5"  
 Lower Level 39.5"

Tunnel Track  
 GradeTrack 3% Grade

5.9.20

Mainline Track Length 830 ft  
 Branch line Track Length 75 ft  
 Total Track length=3705.5 ft  
 Turnouts=323 (#5 238, #6 11, "Y" 13, 3 way 12)  
 (double cross 18, curve 44)

Regular turnouts are # 5  
 Double crossover # 6  
 all others as indicted

2700sq. ft. belt line railroad, fully signaled with modern CTC dispatcher panel.  
 4 major yards, 2 minor yards, 9 interchange locations, 19 industrial switching districts comprising of 138 industries with combined having appr. 585 car spots not including any yards.

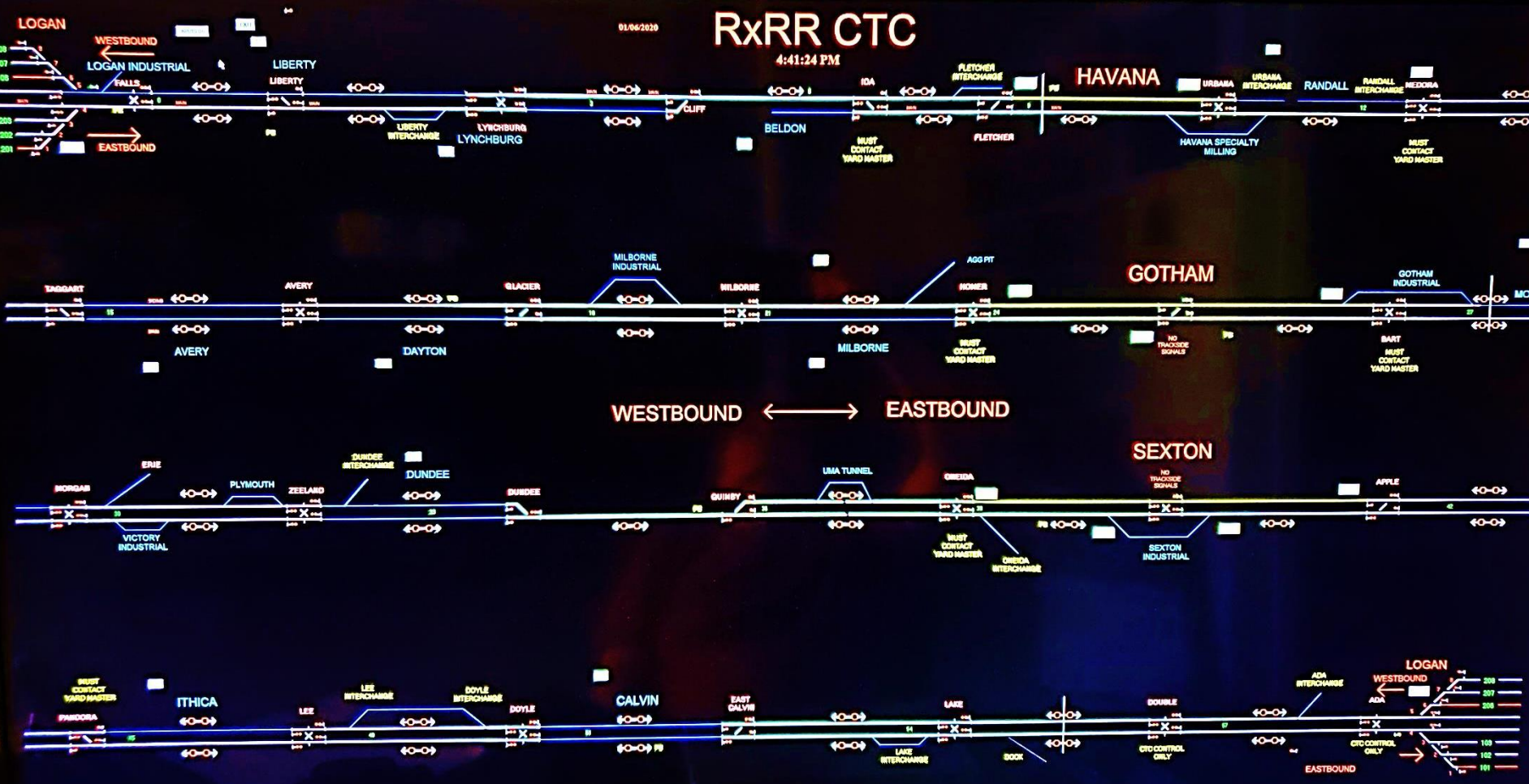




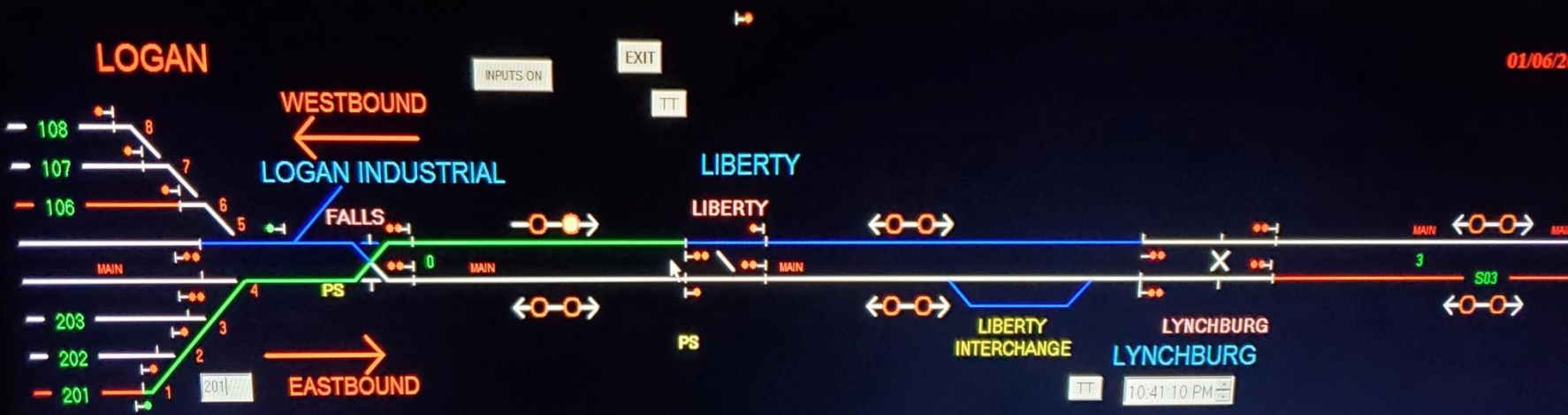
# RxRR CTC

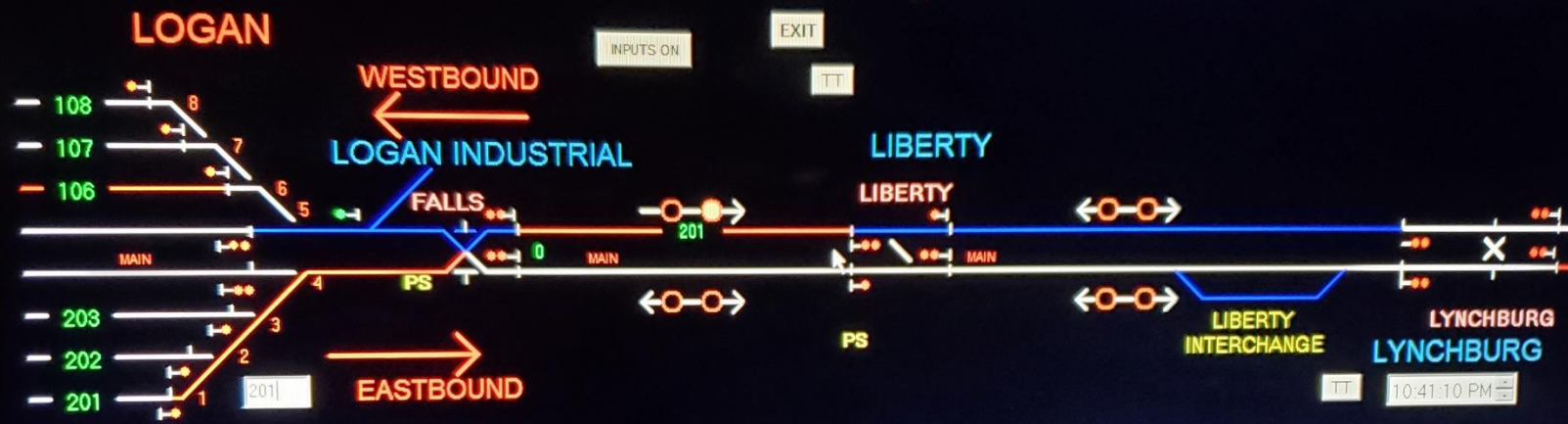
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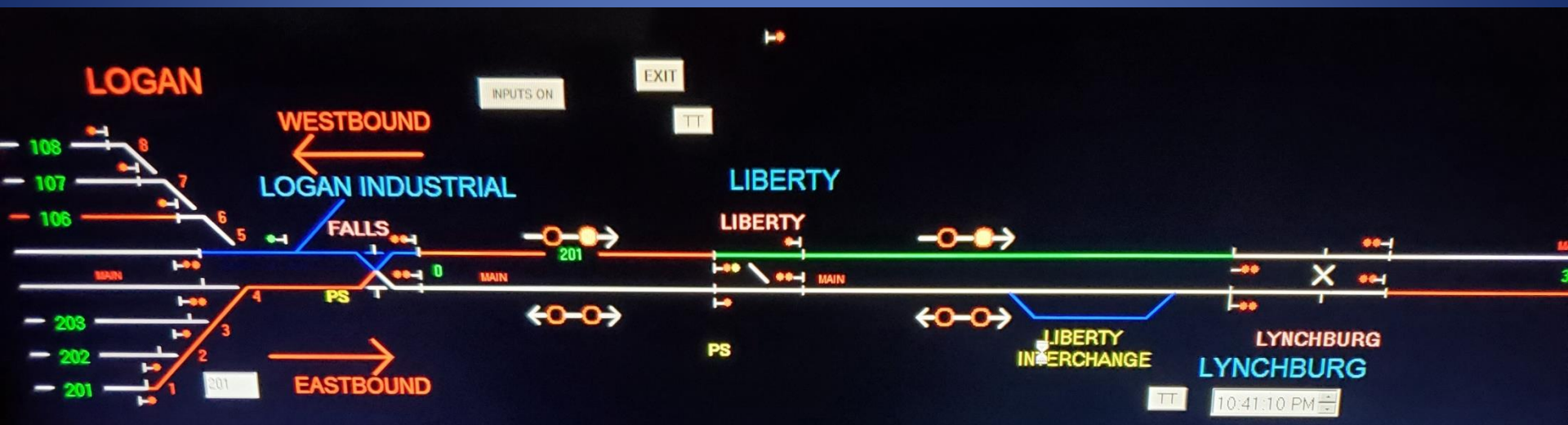
















## 4 types of Trains

- Yard Transfers:  
(12) Originates out of Logan (10 cars) or Gotham (22 cars)  
Pick up or set out at various interchanges and minor yards
- Local (Turns):  
(20) Pick up and set out at 596 car spots serving 138 industries  
19 switching districts Average 8 cars per train
- Unit Trains:  
(4) Pick up & Set out at various industries and interchanges  
Coal, Aggravated, Petroleum Products and Chemicals,  
and Grain (1 for 1)
- Passenger:  
(1) (Doodlebug) Multiple passenger stops

# DISPATCHER TRAIN LOG SHEET #1

5/20/2020

DISPATCHER						
DATE						
TR #	NAME	DEPART	DIR	ARRIVE	CREW	TIME
G2	NORTH GOTHAM INDUSTRIAL	GOTHAM	E	GOTHAM		
S1	ITHICA-CALVIN TURN	SEXTON	E	SEXTON		
H1	BELDON	HAVANA	W	HAVANA		
103	GOTHAM- DUNDEE INTERCHANGE- SEXTON-LOGAN	GOTHAM	E	LOGAN TK 3		
201	LOGAN-HAVANA-RANDALL INTERCHANGE- GOTHAM	LOGAN TK 1	E	GOTHAM		
E1	AGG JOB	GOTHAM	W	GOTHAM		
G3	RxRR FACILITY	GOTHAM	E	GOTHAM		
S2	LIBERTY TURN	SEXTON	E	SEXTON		
G9	PLYMOUTH DUNDEE TURN	GOTHAM	E	GOTHAM		
G4	GOTHAM INDUSTRIAL	GOTHAM	E	GOTHAM		
E2	COAL JOB	W. UMMA TUNNEL	W	E. UMMA TUNNEL		
107	GOTHAM- RANDALL INTERCHANGE HAVANA- LOGAN	GOTHAM	W	LOGAN TK 7		
208	LOGAN- SEXTON-DUNDEE INTERCHANGE-GOTHAM	LOGAN TK 8	W	GOTHAM		
G5	DAYTON AVERY TURN	GOTHAM	W	GOTHAM		
H2	LYNCHBURG	HAVANA	W	HAVANA		
S3	LOGAN INDUSTRIAL	SEXTON	E	SEXTON		
G12	ROWAN	ROWAN		ROWAN		
102	GOTHAM-DUNDEE INTERCHANGE- SEXTON LOGAN	GOTHAM	E	LOGAN TK 2		
203	LOGAN-HAVANA-RANDALL INTERCHANGE-GOTHAM	LOGAN TK 3	E	GOTHAM		





# Rail Xpress Railroad

RxRR











**FALLS** **ZEELAND**

N  
W — E  
S

**FALLS CROSSING**

CTC NORMAL REVERSE  
PASS — OF LINE

MAIN —

CTC NORMAL REVERSE  
OF LINE — PASS — MAIN

**ZEELAND CROSSING**

SETOUT

HOLD

PICKUP

SIXTEN  
**CAR ORDER**  
40' HIGH CUBE BOX  
TO BE DELIVERED TO  
LOGAN INDUSTRIAL  
WILLIAMS  
INDUSTRIAL  
SHEPHERD

SIXTEN  
**PICKUP ORDER**  
FOOD COV HOPPER  
TO BE PICKED UP AT  
LOGAN INDUSTRIAL  
WILLIAMS  
INDUSTRIAL  
SHEPHERD

WE  
13

MAI

N  
W — E  
S





















TRACK	TYPE	NUMBER
1	Freight	1001
2	Freight	1002
3	Freight	1003
4	Freight	1004
5	Freight	1005
6	Freight	1006
7	Freight	1007
8	Freight	1008
9	Freight	1009
10	Freight	1010
11	Freight	1011
12	Freight	1012
13	Freight	1013
14	Freight	1014
15	Freight	1015
16	Freight	1016
17	Freight	1017
18	Freight	1018
19	Freight	1019
20	Freight	1020



























GLACIER LEE

### GLACIER CROSSOVER

CTC NORMAL REVERSE

OFF LINE — PASS — MAIN

CTC NORMAL REVERSE

MAIN — PASS — OFF LINE

LEE CROSSING

This is a CTC (Centralized Traffic Control) panel for a crossover. It features two sets of control switches. The top set is labeled 'GLACIER' and the bottom set is labeled 'LEE'. Each set has a 'CTC NORMAL REVERSE' indicator and a rotary switch with three positions: 'OFF LINE', 'PASS', and 'MAIN'. The panel is mounted on a black base.

































Office of Agriculture  
Department of Agriculture  
United States of America  
Agriculture  
Rural Development  
Conservation  
Food and Nutrition Assistance  
Farm Income Stabilization  
Farmers and Ranchers  
Conservation  
Forestry  
Wildlife and Wetlands  
Natural Resources  
Research and Statistics  
International Affairs  
Policy and Administration  
Information and Public Affairs  
Legal Services  
Operations and Maintenance  
Safety and Health  
Technical Assistance  
Training and Education  
Economic Development  
Energy and Environmental  
Protection  
Food Safety and Inspection  
Service  
Food and Nutrition Assistance  
Farm Income Stabilization  
Farmers and Ranchers  
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Information and Public Affairs  
Legal Services  
Operations and Maintenance  
Safety and Health  
Technical Assistance  
Training and Education  
Economic Development  
Energy and Environmental  
Protection  
Food Safety and Inspection  
Service

WANTED  
LINDA HANSEN  
\$100,000 REWARD  
MAY 1988

I ONLY DO IT FOR THE VOICE  
TELL ME  
TELL ME  
TO DO

MY JOB  
MAY 1988

MAHIC  
RY

BART  
PASSING  
LIVE



WANTED  
GOOD WOMAN  
Must be able to cook,  
clean, sew, lay track  
and build scenery.  
Must have '1957'  
Gauge Train & Layout.  
Please send Picture of  
Train & Layout.

MY JOB  
It's not my place to run the train.  
The wheels, I can't move.  
It's not my place to lay track,  
for the train's allowed to go.  
It's not my place to haul all those  
red cars along the rail.  
BUT let the damn thing bang the track,  
and see who catches hell!

I ONLY DO WHAT  
← the ←  
**VOICES**  
IN MY WIFE'S HEAD  
TELL HER  
← to →  
TELL ME  
**TO DO!**

MICHIGAN  
R X RR



































ADA  
CROSSING

W E  
N S

MAN  
CROSSING

MAN  
PASS

CENTRAL  
WESTFORDS

VICTORY INDUSTRIAL

CALDWELL  
WESTFORD

SETOUT HOLD PICKUP





WEST  
LOCAL  
SIGNAL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----









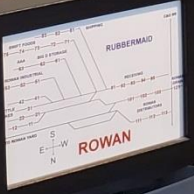












SETOUT  
FIELD  
ROWAN

Storage area containing several stacks of clear plastic drawers and a black control panel with a diagram. The drawers are organized into rows, and the control panel is positioned at the front of the storage area.



# CAR ORDERS

## A CAR FORWARDING SYSTEM WITHOUT THE USE OF REPORTING MARKS

Presented By

Dan Hinel



# Some Talking points First

- The crew on the ground is not interested in where a car came from or where it is going.
- They are only interested is what they have to do with it.
- This method is meant to focus on that part of operations.
- The Car Card system has a card for each car, the Car Order system has a card for each customer delivery spot.
- Car Order system has no documentation for any rolling stock. (+/- cars no problem)



# HIGHLIGHTS

- CAR ORDER FORM
- HOW IT WORKS
- YARD TRANSFER
- WAY FREIGHT (TURNS)
- UNIT TRAINS (MILK RUNS)
- ADVANTAGES



# QUICK SURVEY

- HAVE USED CAR FORWARDING?
  - Switch lists
  - 4 sided cards/pockets
  - “Just drop 8 cars here”
  - Some other system
- OPERATE IN HO OR SMALLER?
- WEAR GLASSES?
- WEATHERED CARS?
- LESS THAN BRIGHT LIGHTING?
- DISLIKE COMPLICATED PAPERWORK?
- WANT TO START OPS BUT TOO COMPLICATED TO START
- EASY OP SESSION SET UP



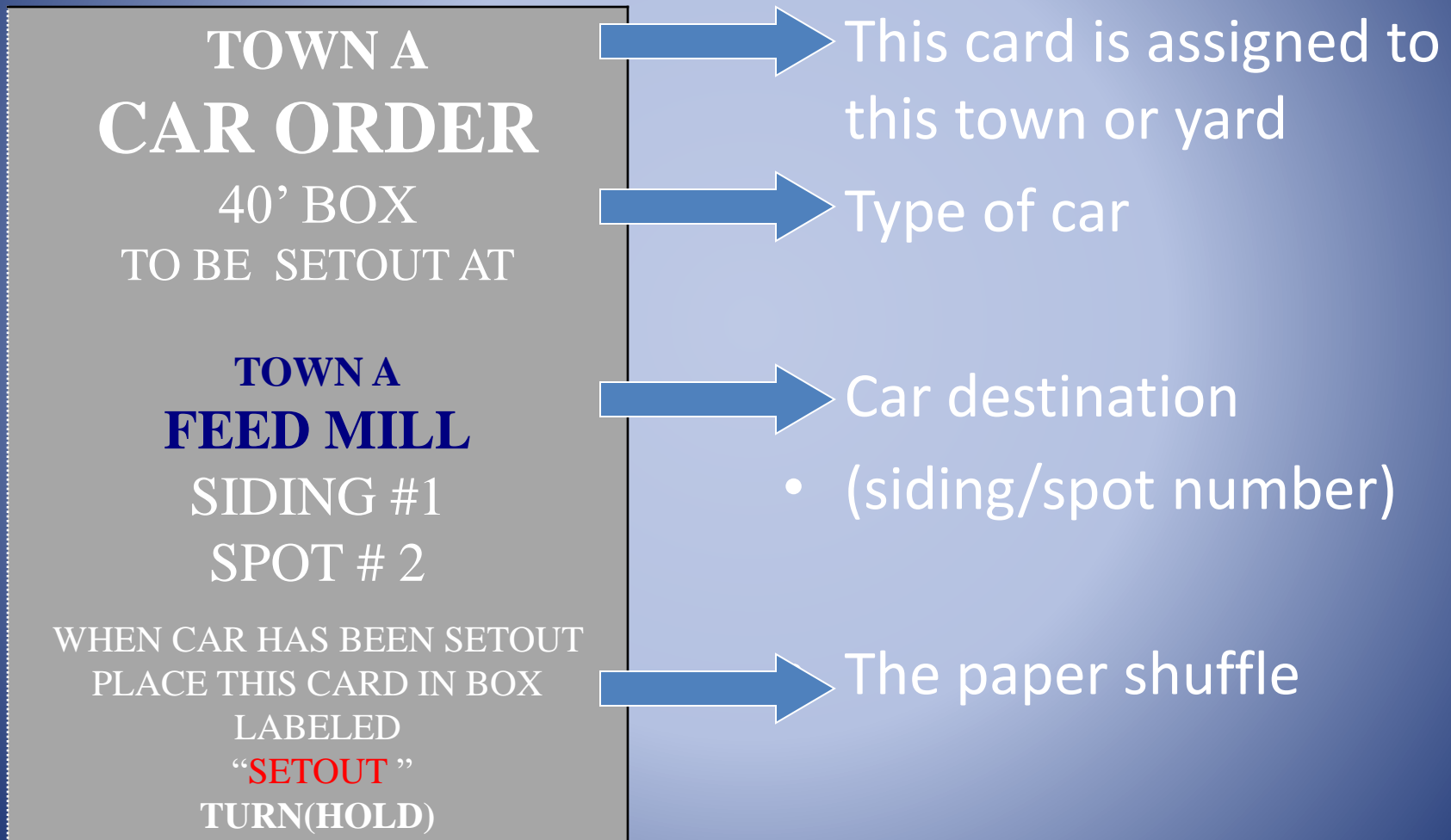




# CAR ORDER FORM

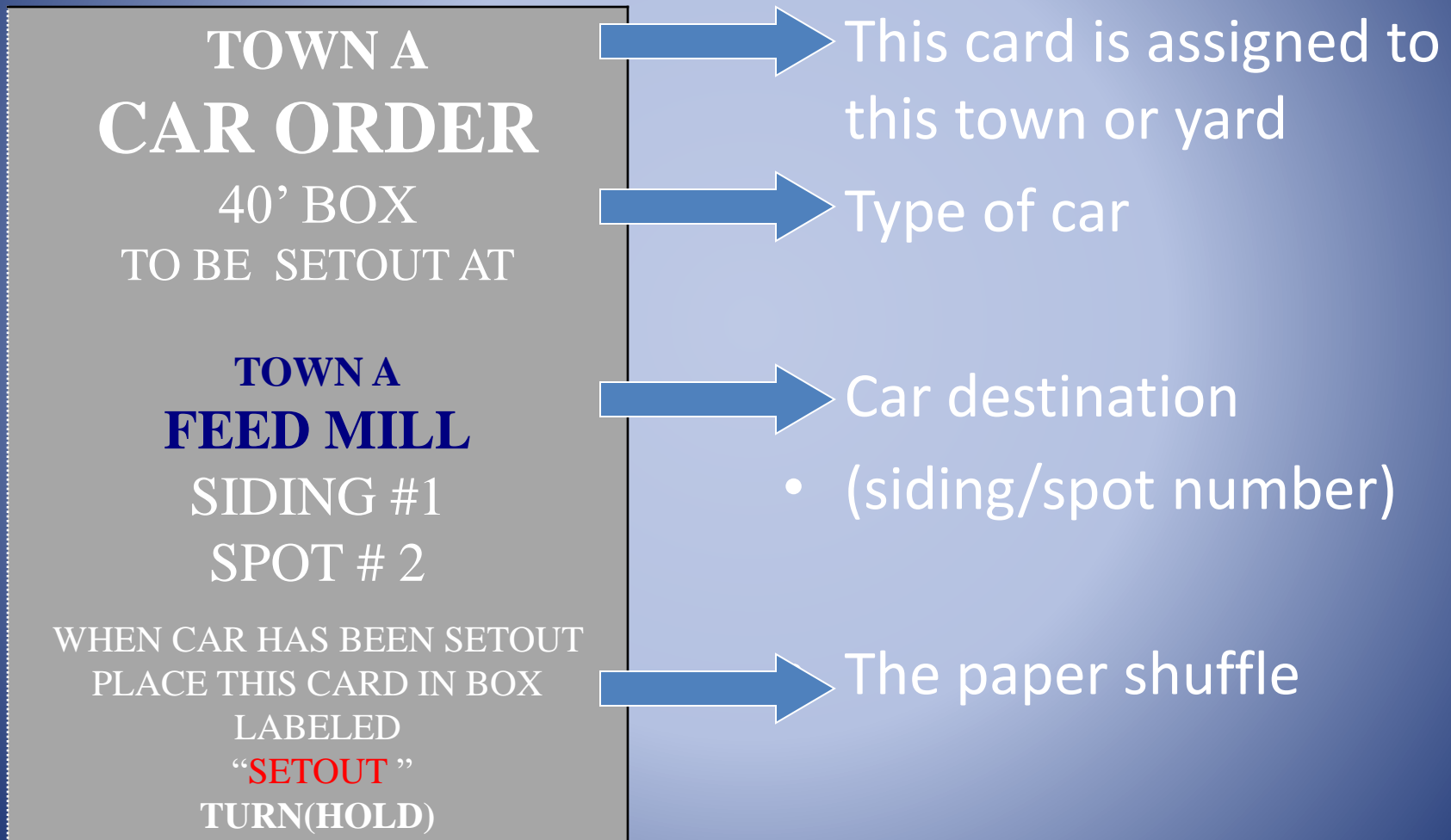


# THE CAR ORDER SIDE





# THE CAR ORDER SIDE



# THE COMPLETE FORM

TOWN A  
**CAR ORDER**

40' BOX  
TO BE SETOUT AT

TOWN A  
**FEED MILL**

SIDING # 1

SPOT #2

WHEN CAR HAS BEEN SETOUT PLACE  
THIS CARD IN BOX LABELED  
"SETOUT"  
TURN (HOLD)

TOWN A  
**PICKUP ORDER**

40' BOX  
TO BE PICKEDUP AT

**TOWN A**  
**FEED MILL**

SIDING # 1

SPOT #2

ROAD CREW TO SETOUT CAR  
OUT ON **EASTBOUND TRACK**

WHEN CAR HAS BEEN SETOUT TURN  
THIS CARD AND PLACE IN

UNFILLED





# Yard Transfers



34  
**TRAIN 206**

**LOGAN - SEXTON- GOTHAM**

**MUST CONTACT DISPATCHER BEFORE  
LEAVING ANY YARD**

LEAVE LOGAN **WESTBOUND** (LEFT) FROM  
TRACK # 6

Proceed Per Signal Indication  
Takes Siding at **APPLE** onto Sexton Yard Lead

**LAKE INTERCHANGE**

(West of Lake) Pick up 4 cars  
Proceed Westbound

**LEE INTERCHANGE**

(East of Lee) Pick up 4 cars From Track **2**  
Proceed Westbound

**SEXTON YARD**

ARRIVE TRACK # **1**

SEE REVERSE SIDE FOR INSTRUCTIONS

**DUNDEE INTERCHANGE**

(West Dundee)  
Pick up 4 cars

Takes SIDING at **BART** onto Gotham Yard Lead  
DISPATCHER WILL CONTACT GOTHAM YARD  
MASTER WHO WILL FORWARD INSTRUCTIONS

TAKE MOTIVE POWER TO ENGINE FACILITY

**SEXTON YARD  
INSTRUCTIONS**

ARRIVE TRACK # **1**

CHECK **YARD BOARD** FOR  
**UNFILLED CAR ORDERS**

FILL CAR ORDERS BASED UPON TRAIN  
NUMBER AND SWITCHING DISTRICT  
PRIORITY

SETOUT ON TRACKS **2** OR **3**  
ANY CARS THAT CAN FILL **CAR ORDERS**

PLACE THESE CARDS IN  
**FILLED ORDER** BOX.

FROM TRACK **5** PICKUP ANY  
**WESTBOUND** CARS

DO NOT EXCEED **18** CARS IN YOUR TRAIN

# Sexton Yard







36

# TRAIN 206

## LOGAN - SEXTON- GOTHAM

**MUST CONTACT DISPATCHER BEFORE LEAVING ANY YARD**

LEAVE LOGAN **WESTBOUND** (LEFT) FROM TRACK # 6

Proceed Per Signal Indication

Takes Siding at **APPLE** onto Sexton Yard Lead

### LAKE INTERCHANGE

(West of Lake) Pick up 4 cars

Proceed Westbound

### LEE INTERCHANGE

(East of Lee) Pick up 4 cars From Track 2

Proceed Westbound

### SEXTON YARD

ARRIVE TRACK # 1

SEE REVERSE SIDE FOR INSTRUCTIONS

### DUNDEE INTERCHANGE

(West Dundee)

Pick up 4 cars

Takes **SIDING** at **BART** onto Gotham Yard Lead  
DISPATCHER WILL CONTACT GOTHAM YARD MASTER WHO WILL FORWARD INSTRUCTIONS

TAKE MOTIVE POWER TO ENGINE FACILITY

## TRAIN ORDER

# 206

## LOGAN SEXTON GOTHAM

### Departs Logan Westbound Track 6

### Arrives Gotham

## SEXTON YARD BOARD

ARRIVE TRACK 1 YARD MAIN CHECK FOR UNFILLED CAR ORDERS PER PR  
**RED NUMBER OF CARS NEEDED FOR TRAIN** LIBERTY (7) LOGAN INDUSTRIAL (6) SEXTON  
PLACE CARS ON TRACK 2 AND 3 PER TRACK BLOCKING CARD. PLACE FILLED CARS  
PICK UP CARS FROM APPROPRIATE OUTBOUND TRACK FOR DIRECT  
TRACK 4 FOR EASTBOUND TRACK 5 FOR WESTBOUND

TR #	NAME	DIR	1 <sup>ST</sup> PRIORITY	2 <sup>ND</sup> PRIORITY	3 <sup>RD</sup>
S1	ITHICA-CALVIN TURN	E			
103	GOTHAM- DUNDEE INTERCHANGE- SEXTON-LOGAN	E	LIBERTY TURN	LOGAN INDUSTRIAL	L
S2	LIBERTY TURN	E			
208	LOGAN- SEXTON-DUNDEE INTERCHANGE-GOTHAM	W	LOGAN INDUSTRIAL	LIBERTY TURN	
S3	LOGAN INDUSTRIAL	E			
102	GOTHAM-DUNDEE INTERCHANGE-SEXTON LOGAN	E	LIBERTY TURN	SEXTON INDUSTRIAL	
207	LOGAN-SEXTON-DUNDEE INTERCHANGE-GOTHAM	W	SEXTON INDUSTRIAL	ITHICA CALVIN TURN	
S4	LIBERTY TURN	E			
E4	PASSENGER	W			
101	GOTHAM-DUNDEE INTERCHANGE-SEXTON-LOGAN	E	ITHICA CALVIN TURN	LIBERTY TURN	
S5	SEXTON INDUSTRIAL				
206	LOGAN-SEXTON-DUNDEE INTERCHANGE- GOTHAM	W	LIBERTY TURN	LOGAN INDUSTRIAL	









SIXTON  
**CAR ORDER**  
40' HIGH CUBE BOX  
TO BE DELIVERED TO  
LIBERTY  
WESTERN AUTO  
SIDING # 1  
SPOT # 2  
WHEN CAR HAS BEEN SETOUT  
PLACE THIS CARD IN BOX  
LABELLED  
"SETOUT"

SIXTON  
**CAR ORDER**  
50' BOX  
TO BE DELIVERED TO  
LIBERTY  
WESTERN AUTO  
SIDING # 1  
SPOT # 1  
WHEN CAR HAS BEEN SETOUT  
PLACE THIS CARD IN BOX  
LABELLED  
"SETOUT"

SIXTON  
**CAR ORDER**  
50' HIGH CUBE BOX  
TO BE DELIVERED TO  
LIBERTY  
MACK TRUCK  
SIDING # 3  
SPOT # 2  
WHEN CAR HAS BEEN SETOUT  
PLACE THIS CARD IN BOX  
LABELLED  
"SETOUT"





GENERAL INTERLOCKING

SECTION  
**CAR ORDER**  
40' HIGH CUBE BOX  
TO BE DELIVERED TO  
LIBERTY  
WESTERN AUTO  
SIDING #1  
SPOT #2  
WHEN CAR HAS BEEN SETOUT  
PLACE THIS CARD IN BOX  
LABELLED  
"SETOUT"

SECTION  
**CAR ORDER**  
50' BOX  
TO BE DELIVERED TO  
LIBERTY  
WESTERN AUTO  
SIDING #1  
SPOT #1  
WHEN CAR HAS BEEN SETOUT  
PLACE THIS CARD IN BOX  
LABELLED  
"SETOUT"

SECTION  
**CAR ORDER**  
40' BOX  
TO BE DELIVERED TO  
LIBERTY  
LIBERTY PRINTING  
SIDING #2  
SPOT #1  
WHEN CAR HAS BEEN SETOUT  
PLACE THIS CARD IN BOX  
LABELLED  
"SETOUT"

SECTION  
**CAR ORDER**  
BY BROWNSHAW BOX  
TO BE DELIVERED TO  
LIBERTY  
MUCK TRUCK  
SIDING #1  
SPOT #2  
WHEN CAR HAS BEEN SETOUT  
PLACE THIS CARD IN BOX  
LABELLED  
"SETOUT"

SECTION  
**CAR ORDER**  
BY BROWNSHAW BOX  
TO BE DELIVERED TO  
LIBERTY  
MUCK TRUCK  
SIDING #1  
SPOT #2  
WHEN CAR HAS BEEN SETOUT  
PLACE THIS CARD IN BOX  
LABELLED  
"SETOUT"

UNFILLED

SECTION  
**CAR ORDER**  
BY BROWNSHAW BOX  
TO BE DELIVERED TO  
LIBERTY  
MUCK TRUCK  
SIDING #1  
SPOT #2  
WHEN CAR HAS BEEN SETOUT  
PLACE THIS CARD IN BOX  
LABELLED  
"SETOUT"

SECTION  
**CAR ORDER**  
BY BROWNSHAW BOX  
TO BE DELIVERED TO  
LIBERTY  
MUCK TRUCK  
SIDING #1  
SPOT #2  
WHEN CAR HAS BEEN SETOUT  
PLACE THIS CARD IN BOX  
LABELLED  
"SETOUT"

SECTION  
**CAR ORDER**  
BY BROWNSHAW BOX  
TO BE DELIVERED TO  
LIBERTY  
MUCK TRUCK  
SIDING #1  
SPOT #2  
WHEN CAR HAS BEEN SETOUT  
PLACE THIS CARD IN BOX  
LABELLED  
"SETOUT"

SECTION  
**CAR ORDER**  
BY BROWNSHAW BOX  
TO BE DELIVERED TO  
LIBERTY  
MUCK TRUCK  
SIDING #1  
SPOT #2  
WHEN CAR HAS BEEN SETOUT  
PLACE THIS CARD IN BOX  
LABELLED  
"SETOUT"





**EAST TRACK**

**EAST TRACK 2**

**WEST TRACK 3**

**WEST TRACK**

SIXTON  
CAR ORDER  
50' HIGH CUBE BOX  
TO BE DELIVERED TO  
LIBERTY  
MACK TRUCK  
SIDING # 3  
SPOT # 2  
WHEN CAR HAS BEEN SETON  
PLACE THIS CARD

SIXTON YARD MASTER  
USE ONLY

SIXTON YARD MASTER  
USE ONLY

SIXTON  
CAR ORDER  
40' HIGH CUBE BOX  
TO BE DELIVERED TO  
LOGAN INDUSTRIAL  
WEIDMAN WARD  
SIDING # 1  
SPOT # 2

LIBERTY

ITHICA/CALVIN

SIXTON

LOGAN

FILLED







# Gotham Yard

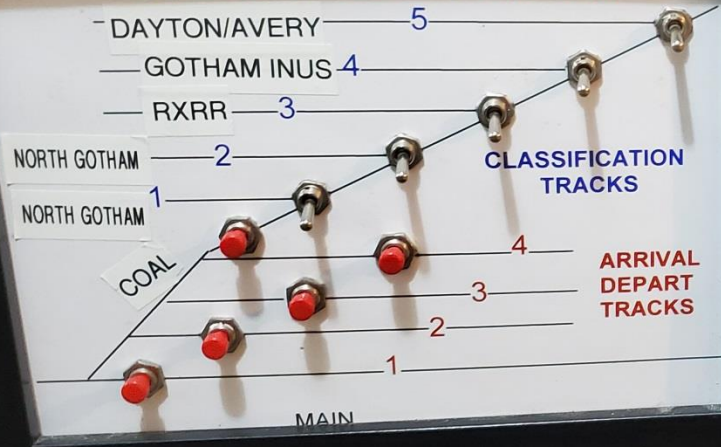




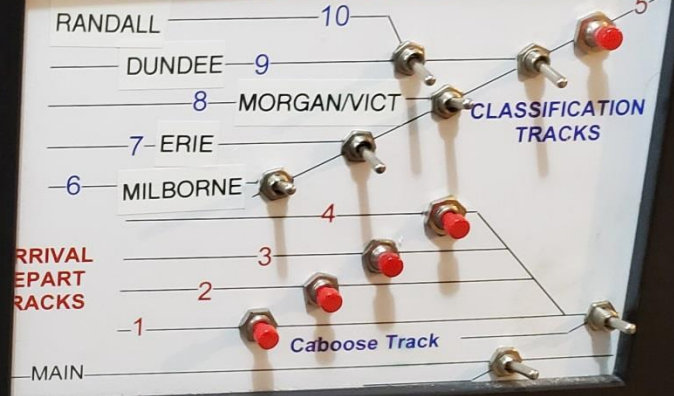


LAKE INTERCHANGE

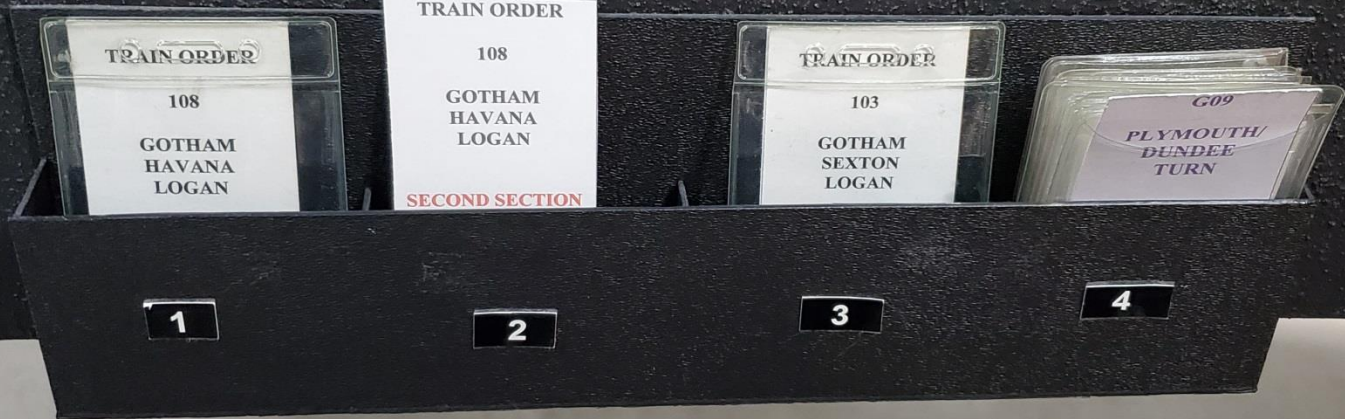
## WEST GOTHAM



## EAST GOTHAM







TRAIN ORDER

108

GOTHAM  
HAVANA  
LOGAN

TRAIN ORDER

108

GOTHAM  
HAVANA  
LOGAN

SECOND SECTION

TRAIN ORDER

103

GOTHAM  
SEXTON  
LOGAN

G09

PLYMOUTH/  
DUNDEE  
TURN

1

2

3

4





WISCONSIN CENTRAL  
CoraProducts  
Plastics

TRAIN ORDER  
GOTHAM YARD TO ROWAN YARD TRANSFER

CAR ORDER  
50' BOX  
TO BE DELIVERED TO  
RANDALL TURN

CAR ORDER  
50' BOX  
TO BE DELIVERED TO  
DUNDEE TURN

CAR ORDER  
50' BOX  
TO BE DELIVERED TO  
MORGAN / VICTORY TURN

CAR ORDER  
50' BOX  
TO BE DELIVERED TO  
ERIE TURN

CAR ORDER  
50' BOX  
TO BE DELIVERED TO  
MILBORNE CORRUGATED

CAR ORDER  
50' BOX  
TO BE DELIVERED TO  
DAYTON AVERY TURN

CAR ORDER  
50' BOX  
TO BE DELIVERED TO  
GOTHAM INDUSTRIAL

CAR ORDER  
50' BOX  
TO BE DELIVERED TO  
R&RR FACILITY

CAR ORDER  
50' BOX  
TO BE DELIVERED TO  
NORTH GOTHAM INDUSTRIAL

G08  
G07  
G06  
G05  
G04  
G03  
G02

TRAIN ORDER  
GOTHAM YARD TO ROWAN YARD TRANSFER

G10  
RANDALL TURN

G09  
DUNDEE TURN

G08  
MORGAN / VICTORY TURN

G07  
ERIE TURN

G06  
MILBORNE TURN

G05  
DAYTON AVERY TURN

G04  
GOTHAM INDUSTRIAL

G03  
R&RR FACILITY

G2  
NORTH GOTHAM INDUSTRIAL



**STORAGE TRACKS**

- 11 HUDSON/ROWAN YARD TX
- 10 RANDALL TURN
- 9 PLYMOUTH-DUNDEE TURN
- 8 MORGAN VICTORY TURN
- 7 ERIE TURN
- 6 MILBORNE TURN
- 5 DAYTON - AVERY TURN
- 4 GOTHAM INDUSTRIAL
- 3 R<sub>x</sub>RR FACILITY
- 2 NORTH GOTHAM INDUSTRIAL
- 1 NORTH GOTHAM INDUSTRIAL

**UNIT TRAIN TRANSFERS  
EMPTY COAL HOPPERS AND  
GRAIN HOPPERS TRACK 10.5**

**GOTHAM YARD LIMITS**  
WEST- HOMER CROSSING  
EAST- BART CROSSING



**ALL TRAIN ARRIVALS/DEPARTURES  
MUST GET AUTHORIZATION  
FROM GOTHAM YARD MASTER AND  
DISPATCHER**

**ARRIVAL YARD TRANSFER TRAINS  
PLACE ON TRACKS 1 and 2**  
FILL CAR ORDER REQUESTS FOR  
LOCALS OUT OF GOTHAM  
(TRACKS 11-10-9-8-7-6-5-4-3)  
PLACE REMAINING CARS ON  
OUTBOUND TRACK

**DEPARTURE YARD TRANSFER TRAINS  
PLACE ON TRACKS 1 and 2**  
NOTIFY DISPATCHER THAT TRAIN  
IS READY TO DEPART.  
ONCE AUTHORIZED ORDER  
CREW TO PROCEED PER SIGNAL  
INDICATION

**YARD TRANSFERS ( Car Max )  
LOCAL TRAINS ( See Notes )**  
UPON RETURN PLACE CARS ON  
OUTBOUND TRACK 1 AND 2  
FLIP PICKUP ORDERS & PLACE IN  
UNFILLED CAR ORDERS BOX  
**NOTE: ALWAYS FILL CAR REQUESTS FOR  
NEXT LOCAL TO DEPART**

ALL TRACKS UNDER YARD MASTER  
AUTHORITY

TRAIN #	NAME	A/D DIR	#	NOTES	T K	T K	T K	T K
G2	NORTH GOTHAM INDUSTRIAL	DEB	8	WORKS WITHIN GOTHAM YARD LIMITS SMALL SWITCHER				
103	GOTHAM SEXTON LOGAN	DEB						
201	LOGAN HAVANA GOTHAM	AEB						
G3	R <sub>x</sub> RR FACILITY	DEB	6	WORKS WITHIN GOTHAM YARD LIMITS SMALL SWITCHER				
107	GOTHAM HAVANA LOGAN	DWB						
208	LOGAN SEXTON GOTHAM	AWB						
G9	PLYMOUTH-DUNDEE TURN	DEB	10					
G4	GOTHAM INDUSTRIAL	DEB	8	WORKS WITHIN GOTHAM YARD LIMITS SMALL SWITCHER				
102	GOTHAM SEXTON LOGAN	DEB						
203	LOGAN HAVANA GOTHAM	AEB						
G5	DAYTON AVERY TURN	DWB	8					
G12	ROWAN		8	GOTHAM TO ROWAN YARD TRANSFER				
G6	MILBORNE TURN	DWB	8	SMALL SWITCHER				
E2	COAL JOB	AWB DWB		SETOUT/PICKUP BAY HOPPERS WEST DRILL TRACK				
G7	ERIE TURN	DEB	8					
106	GOTHAM HAVANA LOGAN	DWB						
207	LOGAN SEXTON GOTHAM	AWB						
G8	MORGAN VICTORY TURN	DEB	8					
E4	PASSENGER	DWB						
202	LOGAN HAVANA GOTHAM	AEB						
101	GOTHAM SEXTON LOGAN	DEB						
G9	PLYMOUTH-DUNDEE TURN	DEB	10					
G10	RANDALL TURN	DWB	8					
G11	HUDSON		7	GOTHAM TO HUDSON YARD TRANSFER				
108	GOTHAM HAVANA LOGAN	DWB						
206	LOGAN SEXTON GOTHAM	AWB						





# LOCAL TURNS

SEXTON LOCAL FRT

# S1 ITHICA/CALVIN TURN

SERVING TOWNS OF: ITHICA CALVIN

**MUST CONTACT DISPATCHER  
BEFORE LEAVING SEXTON YARD AND FOR  
TRACK AND TIME**

Pick up Engine and Caboose from  
Engine Facility.

DO NOT GO BEYOND YARD LIMITS

See reverse side for  
Train Makeup Instructions

Train order – leave SEXTON **EASTBOUND**  
(RIGHT)

Proceed per Signal Indication

Yard Limits at **APPLE** Takes Siding at **APPLE**

## ITHICA/CALVIN

Contact dispatcher for **T&T**

See reverse side for  
Switching Instructions

Continue **Eastbound** to Calvin switch  
trailing point industries .Return

**Westbound** to SEXTON Siding at **Doyle**

Take Siding at **Apple** on to  
Sexton Yard Lead

## SEXTON YARD

See reverse side for  
Returning Yard Instructions

SEXTON

## TRAIN MAKEUP INSTRUCTIONS

Make up your train as follows From  
**SEXTON YARD BOARD** pickup **CAR**  
**ORDERS** from **FILLED CAR ORDER** box for  
cars going to industries in the towns  
served. Using **CAR ORDERS** to determine  
what type and number of cars needed.  
Make up train from cars on tracks **2 & 3**.  
DO NOT EXCEED ~~X~~ **CARS** IN YOUR TRAIN

## SWITCHING DISTRICT INSTRUCTIONS

**Pickup** cars per **PICKUP ORDERS**

**Setout** cars per **CAR ORDERS**

**FLIP** CARDS IN **HOLD** BOX

MOVE TO **PICKUP** BOX

MOVE CARDS IN **SETOUT** BOX TO  
**HOLD** BOX

## RETURNING YARD INSTRUCTIONS

Follow car routing instructions on **PICKUP**  
**ORDERS** to determine on which track to  
set out cars

**.EASTBOUND** TRACK 4

**WESTBOUND** TRACK 5

**Flip** cards from **PICKUP ORDER** side to  
**CAR ORDERS** side and **Place**  
into **UNFILLED CAR ORDER** BOX

SEXTON





**EAST TRACK**

**EAST TRACK 2**

**WEST TRACK 3**

SIXTON

SIXTON

**CAR ORDER**  
 2 BAY  
 CHEM COV HOPPER

TO BE DELIVERED TO  
**LIBERTY**

**MACK TRUCK**  
 SIDING # 1

SIXTON YARD MASTER  
 USE ONLY

SIXTON YARD MASTER  
 USE ONLY

LIBERTY

ITHICA/CALVIN

SIXTON

FILLED





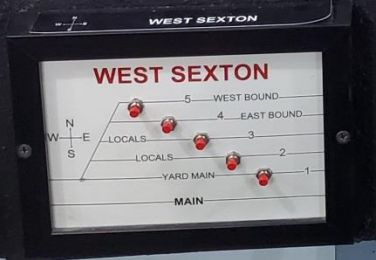
SEXTON YARD BOARD  
 FORMIC FOR UNFILLED CAR ORDERS. FOR PREMIER CHART BELOW  
 LIBERTY'S TRACKING BOARDING AND RETURN (SHIRT TAIL) TO ITHICA/CALVIN  
 APPROPRIATE CONTINGENCY TRACKS FOR DIRECTION OF TRAIN  
 1<sup>ST</sup> PRIORITY 2<sup>ND</sup> PRIORITY 3<sup>RD</sup> PRIORITY

UNFILLED

CAR ORDER  
 48" JENSEN CLINE BOX  
 FROM ILL. SHIPPED BY  
 10/10/10 (SHIRT TAIL)

SEXTON IND.

LOGAN



**EAST TRACK**

**EAST TRACK 2**

**WEST TRACK 3**

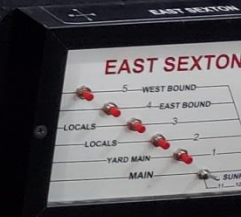
**WEST TRACK**

CAR ORDER  
 3 DAY  
 CHEM COY TRUCKER  
 FROM ILL. SHIPPED BY  
 LIBERTY  
 MUCK TRUCK

ITHICA/CALVIN

SEXTON

LOGAN











SIXTON  
**CAR ORDER**  
 40' HIGH CUBE BOX  
 TO BE DELIVERED TO  
**ITHICA**  
**STEELCASE**  
 SIDING # 1  
 SPOT # 2  
 WHEN CAR HAS BEEN SETOUT  
 PLACE THIS CARD IN BOX  
 LABELED  
 "SETOUT"

SIXTON  
**PICKUP ORDER**  
 SIXTON  
**CAR ORDER**  
 50' BOX  
 TO BE DELIVERED TO  
**ITHICA**  
**EVERGREEN**  
**PLASTICS**  
 SIDING # 1  
 SPOT # 3  
 WHEN CAR HAS BEEN SETOUT  
 PLACE THIS CARD IN BOX  
 LABELED  
 "SETOUT"

SIXTON  
**CAR ORDER**  
 40' HIGH CUBE BOX  
 TO BE DELIVERED TO  
**ITHICA**  
**ADMIRAL APPLIANCE**  
 SIDING # 1  
 SPOT # 3  
 WHEN CAR HAS BEEN SETOUT  
 PLACE THIS CARD IN BOX  
 LABELED  
 "SETOUT"

WINKEE ROAD  
 ON 3D

THE ROUTE OF COURTESY

**Trona**  
**CHEMICALS**  
 N.I.R.X.  
 14015  
 5415 124100 00  
 5000 000000  
 1100 71100 000 000

**Admiral**

UP  
 518100

automated  
 all way  
 CHASSIS LOAD





SEXTON  
**CAR ORDER**  
40' HIGH CUBE BOX  
TO BE DELIVERED TO  
ITHICA  
**ADMIRAL APPLIANCE**  
SIDING # 1  
SPOT # 3  
WHEN CAR HAS BEEN SETOUT  
PLACE THIS CARD IN BOX  
LABELED  
"SETOUT"

SEXTON  
**PICKUP ORDER**  
SIXTON  
**CAR ORDER**  
50' BOX  
TO BE DELIVERED TO  
ITHICA  
**EVERGREEN  
PLASTICS**  
SIDING # 1  
SPOT # 3  
WHEN CAR HAS BEEN SETOUT  
PLACE THIS CARD IN BOX  
LABELED  
"SETOUT"

SEXTON  
**CAR ORDER**  
40' HIGH CUBE BOX  
TO BE DELIVERED TO  
ITHICA  
**STEEL CASE**  
SIDING # 1  
SPOT # 2  
WHEN CAR HAS BEEN SETOUT  
PLACE THIS CARD IN BOX  
LABELED  
"SETOUT"

NLRX  
14015  
trona  
chemicals

UP  
SIBIC

UP  
SIBIC  
automated  
31' high  
CONSTANT LOAD





VE LA CS NC

NLRX  
14012  
trona  
CHEMICALS

MI LW  
08 874



**Admiral**  
TELEVISION  
APPLIANCES





Hold cards are flipped and placed into  
Pickup and Setout cards placed into  
hold section







SETOUT

HOLD

PICKUP

ITHICA  
SEXTON  
CAR ORDER  
40' HIGH CUBE BOX  
TO BE DELIVERED TO  
ITHICA  
ADMIRAL APPLIANCE  
SIDING # 1  
SEXTON  
PICKUP ORDER  
2 BAY  
CHEM COV HOPPER  
TO BE PICKED UP AT  
ITHICA  
EVERGREEN  
PLASTICS  
SIDING # 1  
SPOT # 1  
YARD CREW







# Setout cars on outbound tracks

SEXTON

**PICKUP ORDER**

10K CHEM TANK

TO BE PICKED UP AT  
**CALVIN**

**INDUSTRIAL  
PLASTICS**

SIDING # 2  
SPOT # 5

YARD CREW TO SET OUT ON  
**WESTBOUND** YARD TRACK  
THEN TURN THIS CARD OVER AND  
PLACE IN BOX LABELED  
"UNFILLED ORDERS"

SEXTON

**TRAIN MAKEUP INSTRUCTIONS**

Make up your train as follows From  
**SEXTON YARD BOARD** pickup **CAR  
ORDERS** from **FILLED CAR ORDER** box for  
cars going to industries in the towns  
served. Using **CAR ORDERS** to determine  
what type and number of cars needed.  
Make up train from cars on tracks **2 & 3**.  
DO NOT EXCEED ~~X~~ **CARS** IN YOUR TRAIN

**SWITCHING DISTRICT INSTRUCTIONS**

**Pickup** cars per **PICKUP ORDERS**  
**Setout** cars per **CAR ORDERS**  
**FLIP** CARDS IN **HOLD** BOX  
MOVE TO **PICKUP** BOX  
MOVE CARDS IN **SETOUT** BOX TO  
**HOLD** BOX

**RETURNING YARD INSTRUCTIONS**

Follow car routing instructions on **PICKUP  
ORDERS** to determine on which track to  
set out cars

**.EASTBOUND** TRACK 4  
**WESTBOUND** TRACK 5

**Flip** cards from **PICKUP ORDER** side to  
**CAR ORDERS** side and **Place**  
into **UNFILLED CAR ORDER** BOX

SEXTON

**PICKUP ORDER**

50' BOX

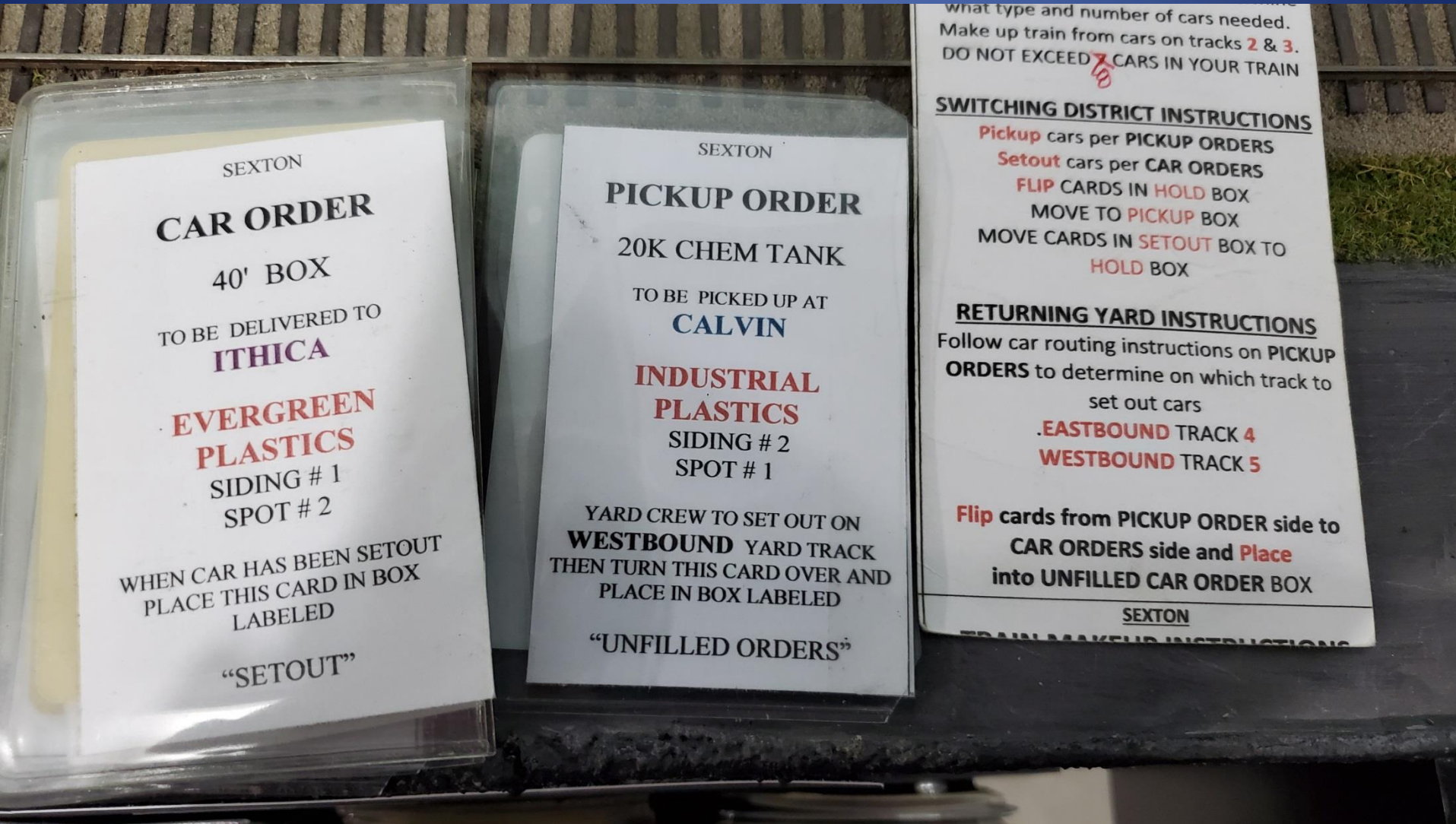
TO BE PICKED UP AT  
**CALVIN**

**UNITED FREIGHT**

SIDING # 1  
SPOT # 1

YARD CREW TO SET OUT ON  
**EASTBOUND** YARD TRACK  
THEN TURN THIS CARD OVER AND  
PLACE IN BOX LABELED  
"UNFILLED ORDERS"

# Flip cards and place into Unfilled box







# ADVANTAGES



# SELF CORRECTING

- If a car is in the wrong place the crew can either leave it or pick it up-their decision does not affect any other operations.
- Find a car with no “PICKUP ORDER” pick it up and route it out on a through freight
- Find a “PICKUP ORDER” with no car turn the form over to “CAR ORDERS” and place in car order pocket.
- It’s so simple even a

# ADJUSTING CAR FLEET

- Want to add a car to your CAR FLEET?
- Just put it on the layout, no need to make out new car cards or change your computer program
- Want to take a car out of service-just take it off
- This works well in clubs where members bring in or take home equipment.



# ADJUSTING INDUSTRIES

- Want to add a new spur and Industry?
- Put it on the layout, figure the number of car spots and car type for each spot
- Make out new Car Orders
- Want to remove or change an Industry?
- Tear up the old Car Orders.

# PROVIDES FOR CONTINUOUS OPERATIONS

- Since the paperwork is done when a car is setout or picked up it is immediately ready for the next train
- Since through freights do not need any waybills or paperwork they are ready for the next run as soon as they get to a staging yard or the end of their run



YOU DON'T NEED  
TO READ CAR  
NUMBERS!

## National Conventions

RxRR 1.0	Great Lakes Express 2007	Detroit, MI (Grand Rapids)
RxRR 2.0	Peachtree Express 2013	Atlanta, Ga (Griffin)
RxRR 3.0	Highball to Indy 2016	Indianapolis, IN (Westfield)



# More Information

- [groups.io](http://groups.io) – [carordersmrr@groups.io](mailto:carordersmrr@groups.io)
  - “Apply” for membership
  - Discussions, Assistance, Files
  - Examples – Coal, passenger ops
- [NMRA Magazine](#)
  - March 2012 (Hank Tenwolde)
- [2012 NMRA National Convention Clinics](#)
- <http://rxrr.webs.com> ( RxRR Web Site)
- [OPSIG – The Dispatcher’s Office](#)
  - Jan 2015 (Earl Hackett)