

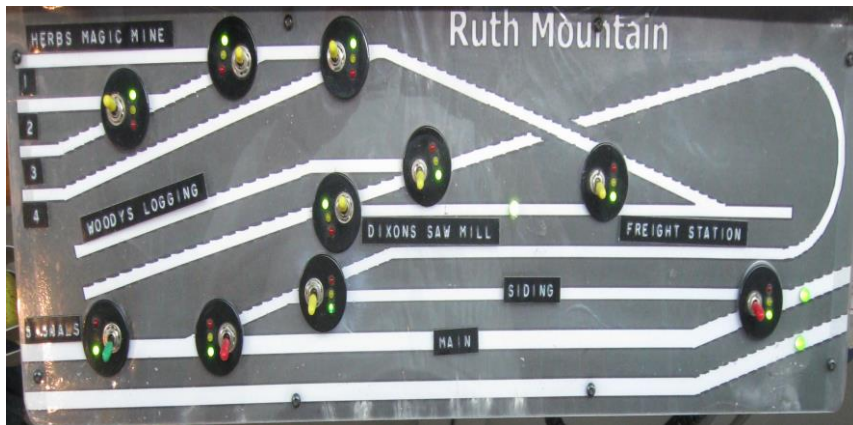
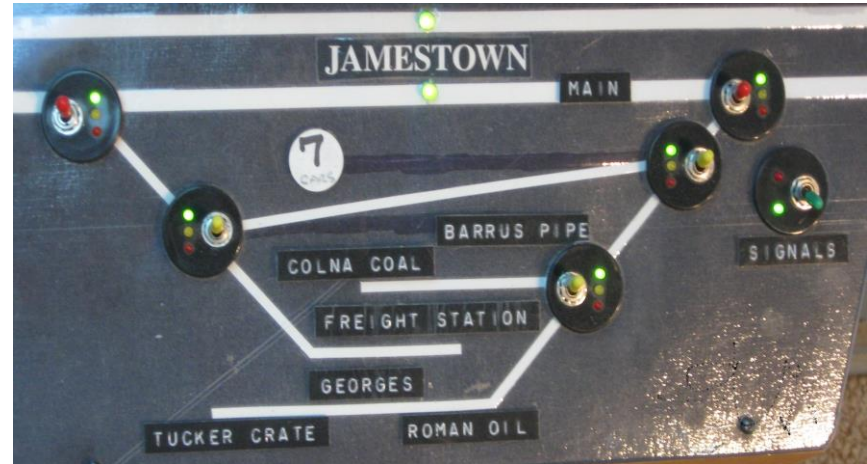
Operations on the M&StL RR



Layout Basics

- 1) O-Gauge 3 Rail Layout
- 2) Digitrax DCC
- 3) Kadees with Magnetic Un-couplers
- 4) One Yard and Three Cities
- 5) Nine Staging Tracks
- 6) 600 Feet of Mainline Track

Layout Route



Double Track Main – Left Running

Nauvoo Yard



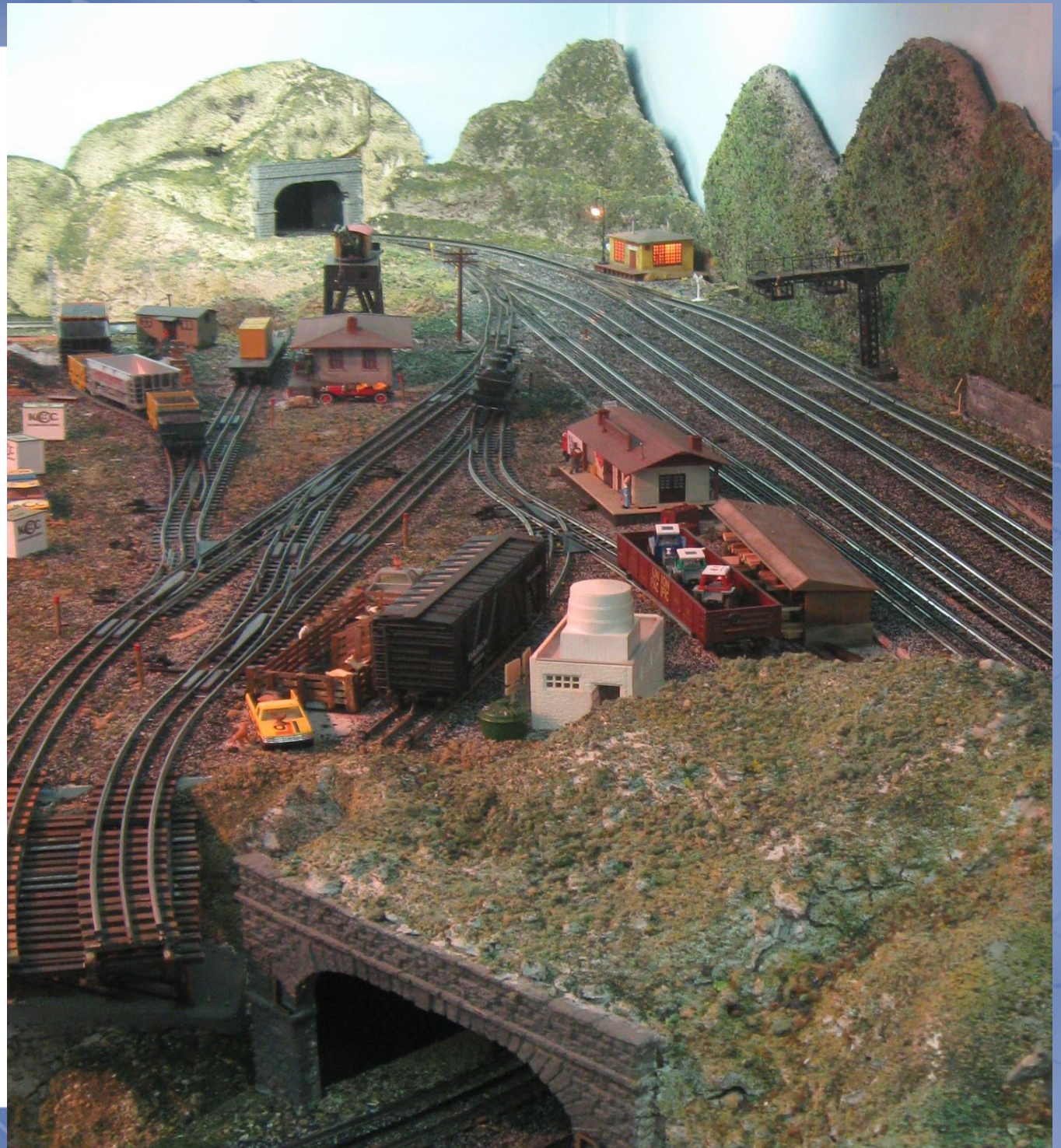
Jamestown



Ruth Mountain



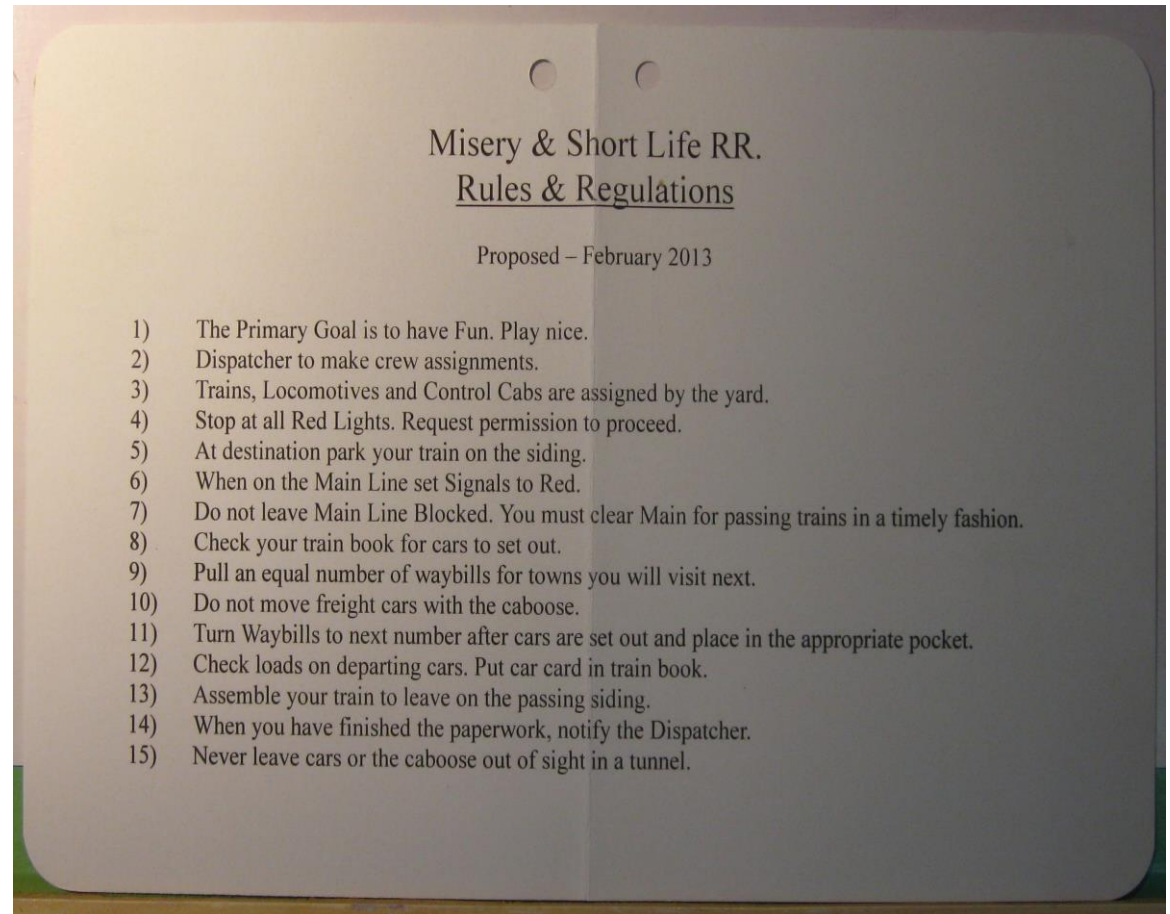
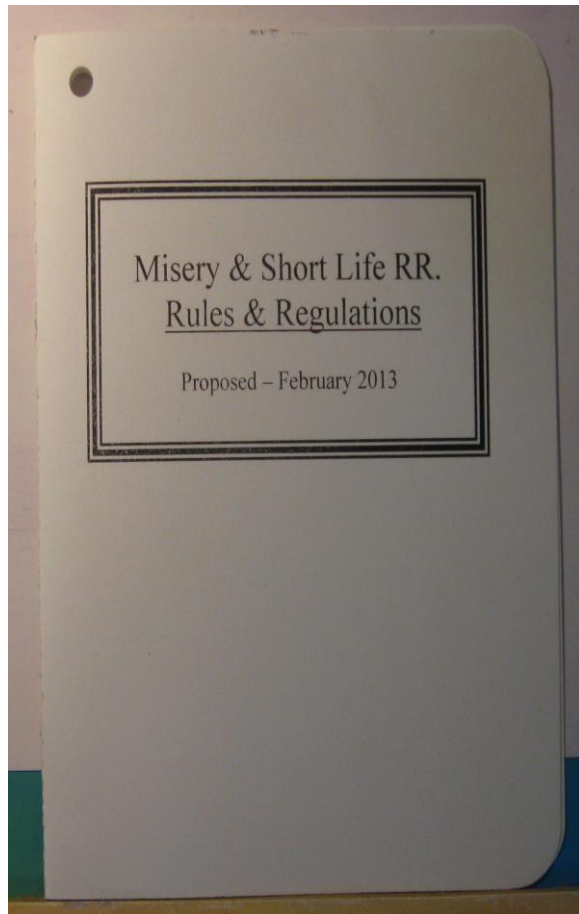
Vern Summit



The Lift – Holding Tracks



Rules & Regulations



- 1) Rule #1 is the Only Important Rule.

Repeating Schedule

Rev C	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													
Dispatcher	A	R	M	P	L	B	M	P	B	R	P	B	C	A	B	P	C	R	B	R	D	P	C	R	B	R	E	C	R	E	B	F	E	D	C	F	E	C	G	F	B	E	C	H	B												
Yard	A1				L8	B1	M8						C1	A2						D1	P8					E1	R8			F1	D2					G1						H1	B9														
Chicago		R3 Chicago										B3 Chicago														C4 Chicago														F3 Chicago																	
Jamestown	L7 Jamestown							B2 Jamestown						P7 Jamestown					C3 Jamestown							E2 Jamestown										F2 Jamestown						B8 Jamestown															
Minneapolis	M6 Minn		P4 Minneapolis						R4 Minneapolis							B5 Minneapolis										R7 Minneapolis									E3 Minneapolis					C6 Minneapolis		H1 Min															
Ruth Mountain	A1 Ruth Mtn														B4 Ruth Mtn						D1 Ruth Mtn																								C5 Ruth Mtn		G1 Ruth Mtn										
St Louis	P3 StLouis					B1 StLouis						P6 StLouis						C2 StLouis								R6 StLouis		E1 StLouis					B7 StLouis												E5 StLouis												
Vern Summit	R2		M7 Vern Summit						P5 Vern Summit					C1 Vern Summit						R5 Vern Summit						B6 Vern Summit																					F1 Vern Summit		E4 Vern Summit		C7 Vern S						
Rev C	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	1													
Dispatcher	E	J	C	F	G2	E	F	H	J	E	K	H	J	E	L	J	H	M	L	K	H	J	L	M	H	N	J	L	M	P	J	L	M	R	J	P	M	N	L	R	P	M	L	A													
Yard		J1	C8		G2										E9	L1			M1		K2					H6	N1																					A1									
Chicago	Chicago											E8 Chicago						L1 Chicago																																							
Jamestown	E6 Jamestown							H2 Jamestown						J3 Jamestown												L2 Jamestown																															
Minneapolis	Minneapolis																																																								
Ruth Mountain	Ruth Mtn																																																								
St Louis																																																									
Vern Summit																																																									

- 1) Columns are “Hours” from Left to Right
- 2) Rows are the Yard and Cities
- 3) Each Train is a Different Color

Train Pin Markers



- 1) Hour # 85
- 2) "L" Just Arrived
- 3) "R" Just Arrived
- 4) "M" Ready to Leave
- 5) "A" Ready in Yard

Duty Roster

DUTY ROSTER									
ENG.	TRAIN	CITY	TRAIN	CITY	TRAIN	CITY	TRAIN	CITY	
HAL	H		J	JT					
LES	J	RM	M	VS					
TOM	M	JT	R	VS					
JIM	N	RM	P	JT					VS
WALTER	L	VS	L	RM					

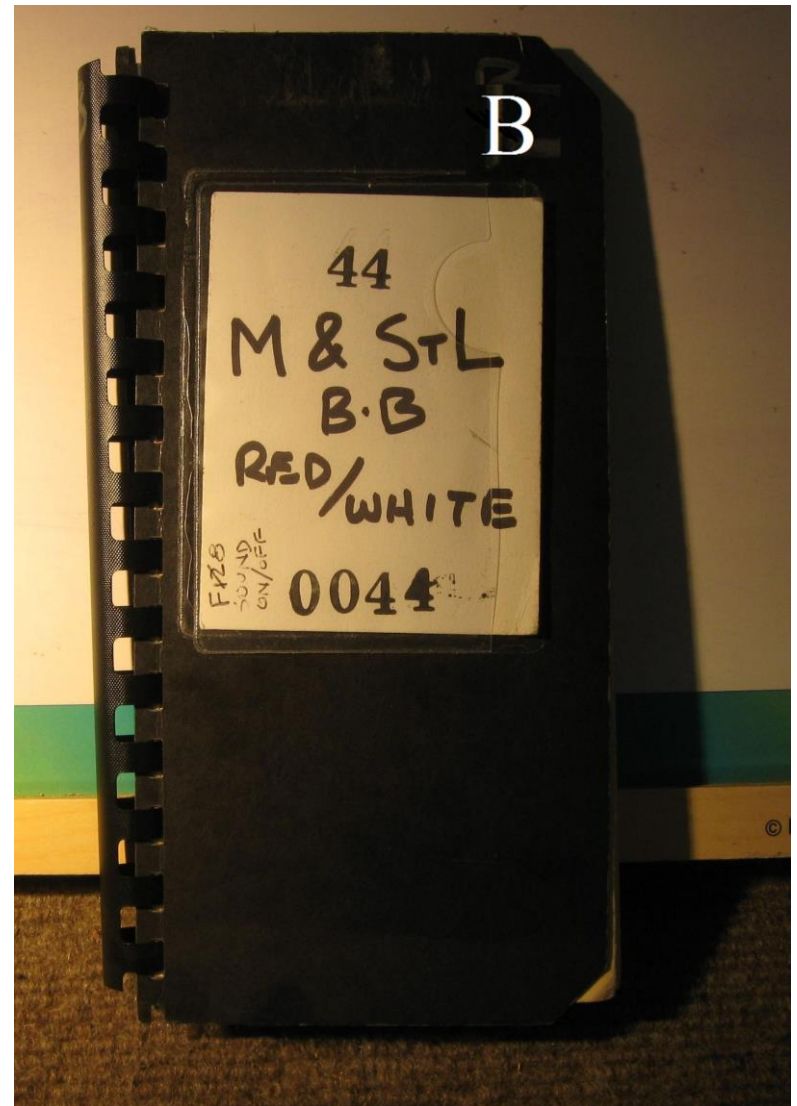
Below the table, a set of letter tiles is arranged as follows:
 Row 1: A B C D E F G K
 Row 2: A B C D E F G H K N P R

In the lower right corner of the board, the following labels are present:
Two (written in purple)
 RICK
 FRANK

- 1) Engineers in Left Column
- 2) Train and City Assignments
- 3) Yard Masters in Lower Right Corner

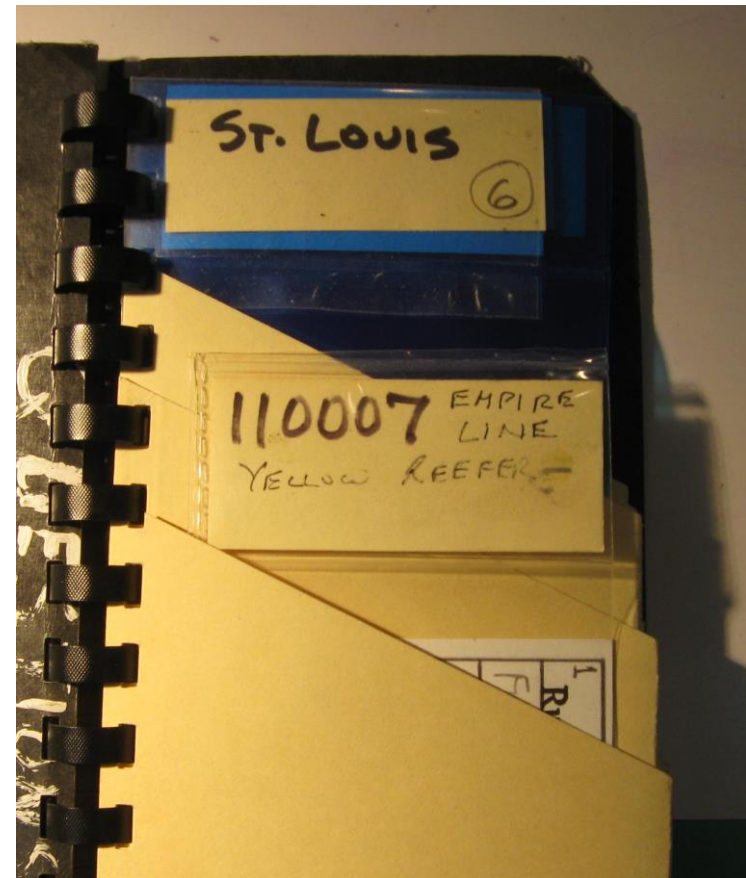
Train Order Books

- 1) Train ID Letter
- 2) Holder for Locomotive ID Card
- 3) Loco # & Description
- 4) DCC Number
- 5) DCC Code for Turning Sound On/Off

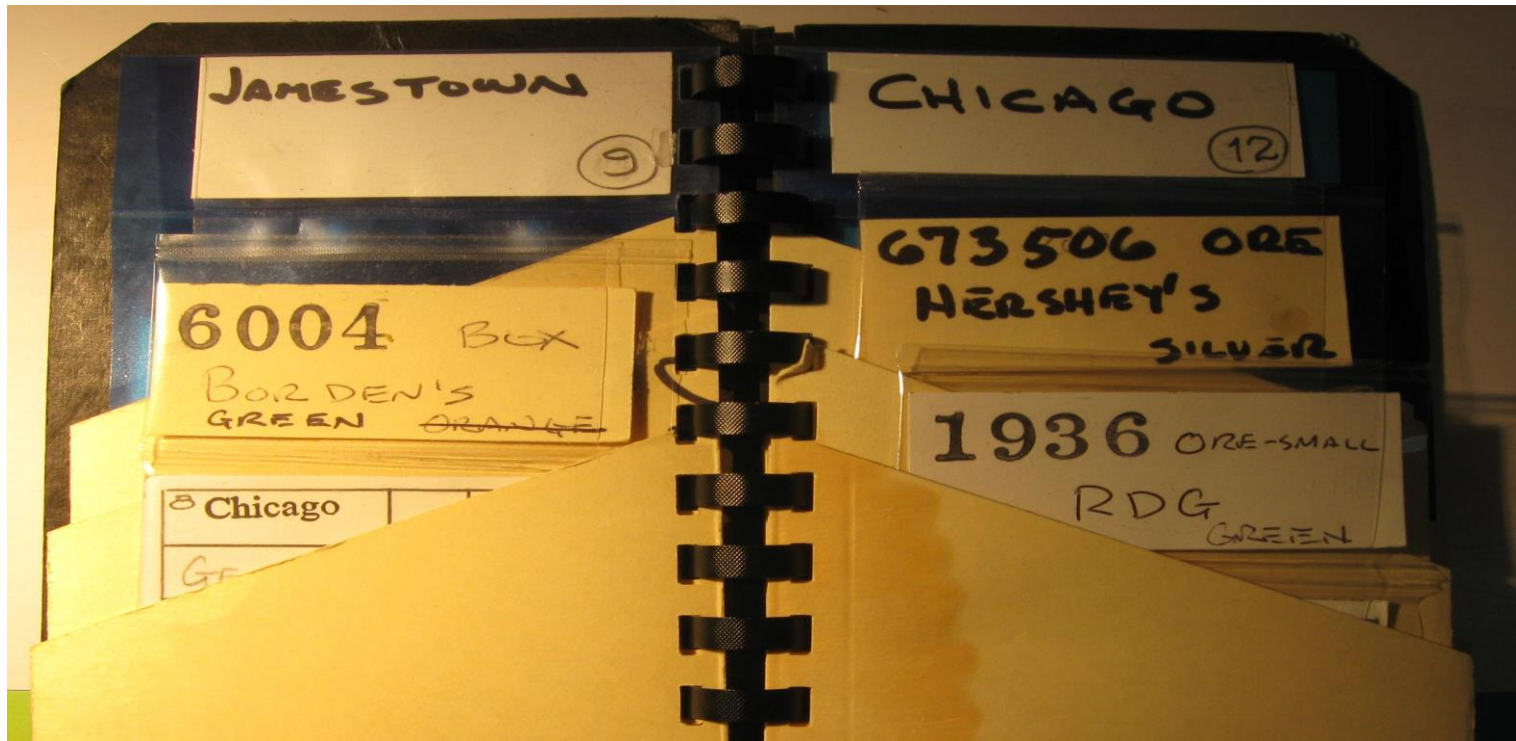


Town Pages / Car Waybills

- 1) First Stop:
 - St. Louis
- 2) Hour #6
- 3) One Car to Switch

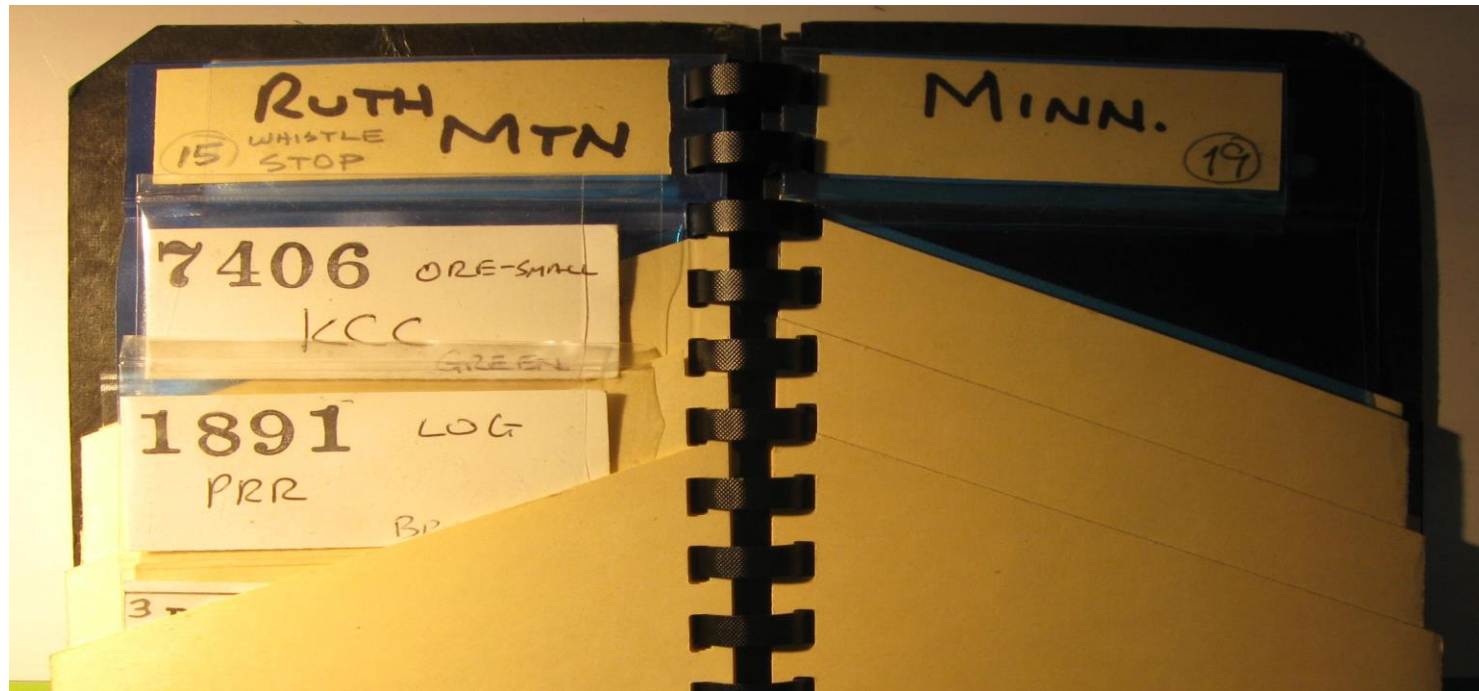


Stops #2 & #3



- 1) Jamestown – One Car to Switch
- 2) Chicago - Two Cars to Switch

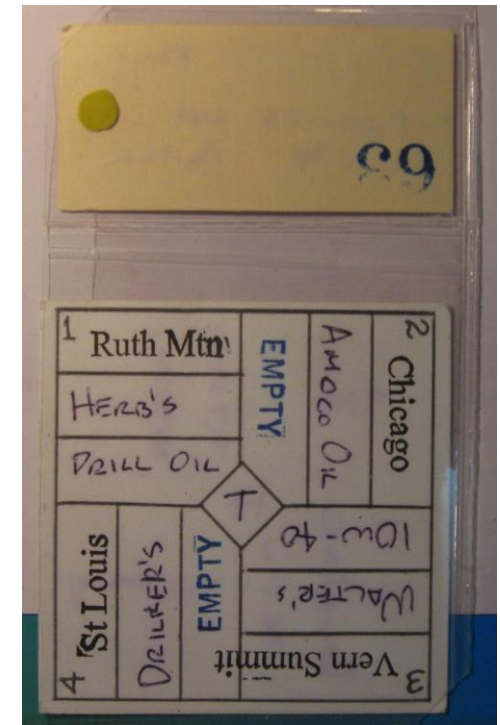
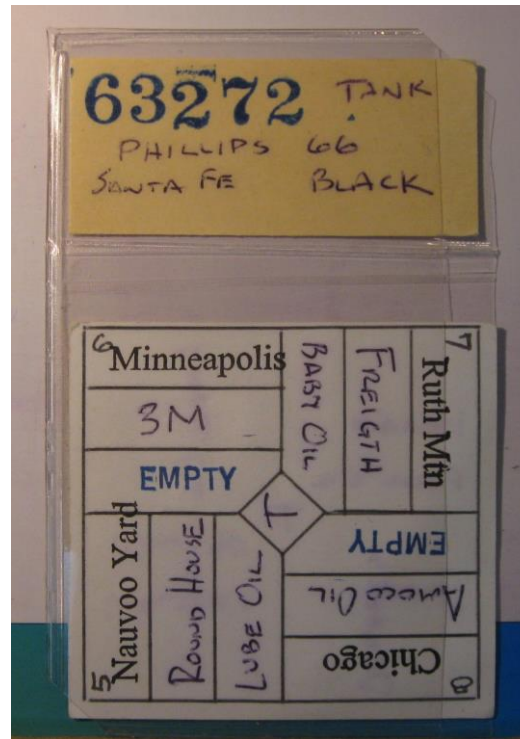
Stops #4 & #5



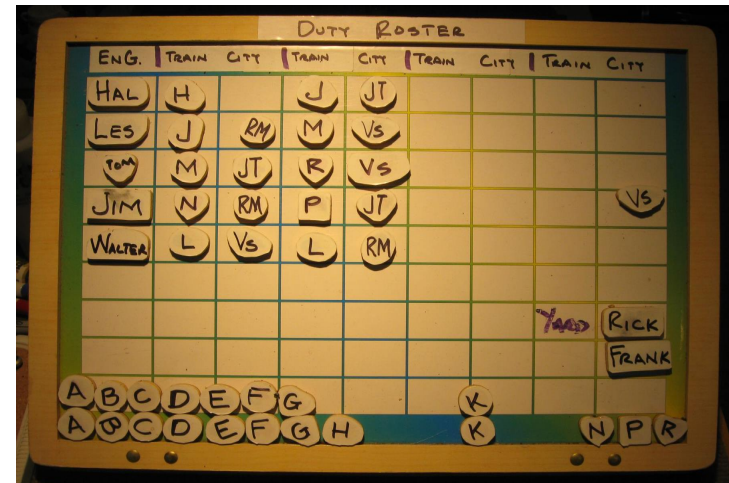
- 1) Ruth Mtn. -
Two Cars to Switch
- 2) Minneapolis -
No Cars Yet

Car Waybills

- 1) Car Number
 - Type / Road / Color
- 2) 8 Turn Waybill
- 3) Carrier Made From Plastic File Folders



Dispatcher Duties



- 1) Fills Duty Roster as Operators Arrive
- 2) Assigns Yard Master
- 3) Assigns Operators to Trains on Schedule.
- 4) Releases Trains Per Schedule

Yard Master Duties



- 1) Builds Next Train on Schedule
- 2) Hostles Locomotives to Service Area
- 3) Breaks Up Arriving Trains

City Switching & Waybills



- 1) Plastic Holder for Waybills
- 2) Hold Pockets for Next City
- 3) Holders for Throttle & Train Book

The End



- Time For Questions