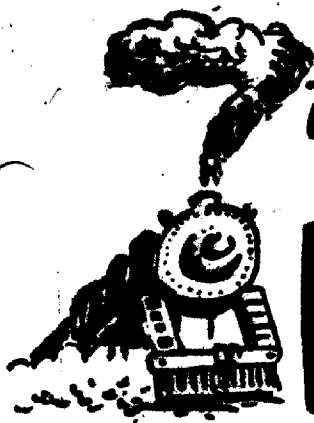




7th Division



PACIFIC NORTHWEST REGION
NATIONAL MODEL RAILROAD ASSOCIATION

BULLETIN BOARD

VOLUME 83

No. 6

OCTOBER NOVEMBER

SPECIAL ISSUE

FALL MEET SPECIAL

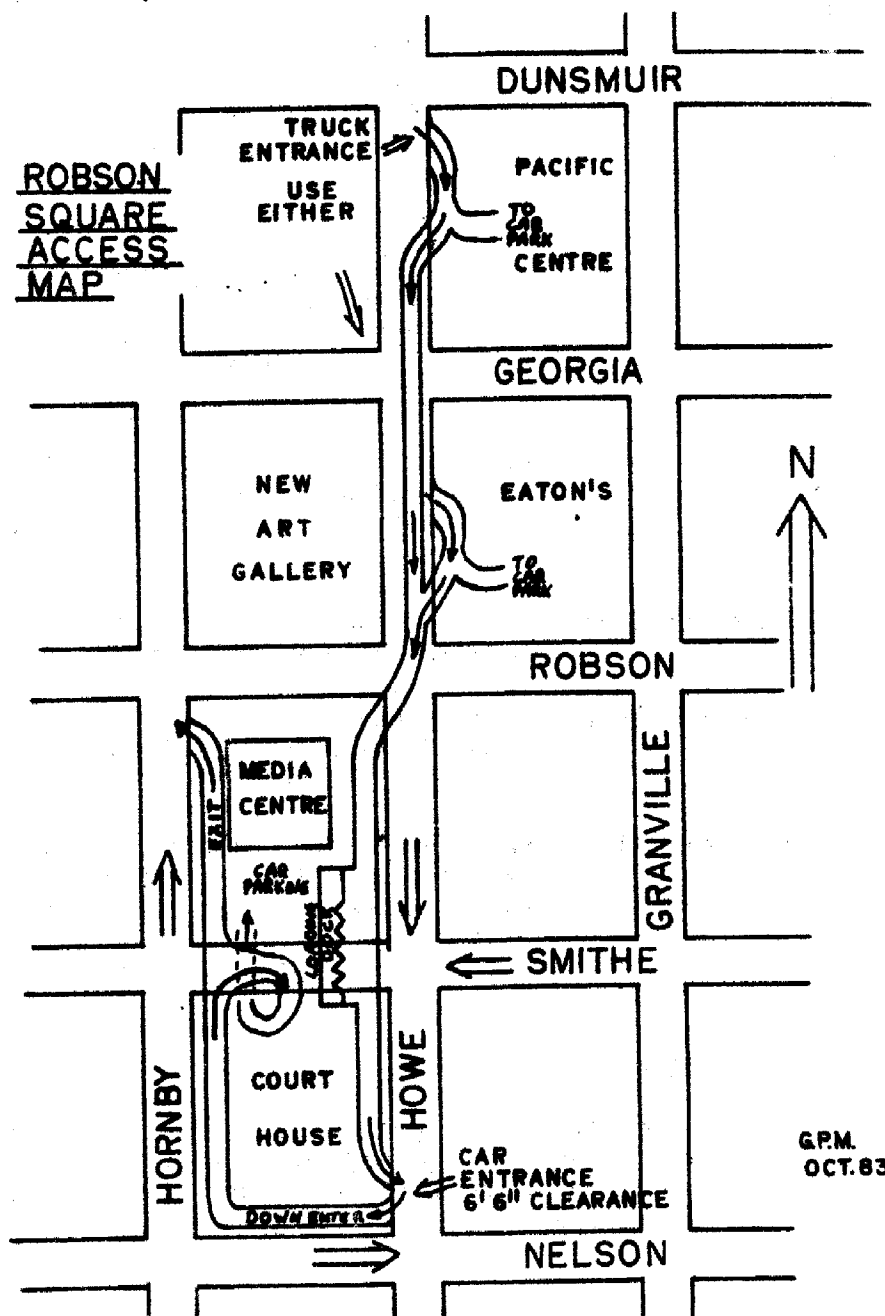
NOVEMBER 5, 1983

ROBSON SQUARE MEDIA CENTER
PLEASE NOTE*****

THE MEDIA CENTER
HAS CLEARANCES IN THE
TRUCK LOADING AREA
CAPABLE OF HANDLING
SEMI-TRAILER TRUCKS.

CARS AND CAMPERS
WITH HEIGHTS OF 6'6
AND OVER WILL HAVE TO PARK
IN THE OUTDOOR LOTS IN
THE IMMEDIATE VICINITY.

SPACE IS AVAILAVLE IN
THE HOLDING AREA FOR
FRIDAY NIGHT ARRIVALS.
JUST USE THE 'PHONE AT
THE LOADING DOCK AND CALL
SECURITY, AND THEY WILL
LET YOU INTO THAT ROOM.



TIMETABLE No.7. EFFECTIVE October 24, 1983:

November 5/83 TRAINS 83 - The fall Meet of the Seventh Division--
To be held at the Robson Square Media Center. We need all the participation we can get!!! For information on display space and entry times, call Cyril Meadows at 8473 - 152nd St., Surrey, (604) 591-9592, or contact our publicity director, Dick Sutcliffe at 12140 - 230th St., Maple Ridge or 'phone (604) 467-4301.

Commercial displays are welcome, and selling will be permitted, tables are on sale at \$10.00 each, but numbers are limited. Please contact one or the other of the two aforementioned for table reservations.

ADMISSION - - Exhibitors - \$1.00
General Admission \$2.00
Families - \$5.00

The building is open through the truck entrance by calling the security guard with the telephone provided at the loading dock and producing your paid up membership card or some other form of valid identification. The center will be available to those who wish to set up displays from approximately 6:30 am onward.

For the rest of the members, the show will be open from 9:00am until 5:00 pm, when we will start taking things down. For the public, the show will be open from 12:00 Noon until 5:00pm.

November 2/83 Standing Committee Meeting, held at Circuit Graphics, Call Hank Menkveld for directions. Meeting time - 8:00 pm.

November 26/27 Tenth Annual Evergreen Division (Fourth) PNR Model Railroad Show, Pacific Science Centre, Seattle Washington. For info contact Lou Toppino, (206) 244-0961

December 11/83 Seventh Division Clinic. Kensington Community Centre (see details PAGE FIVE). 1:30 pm. Bring the Wife and Kids - they can go swimming while the Ol' man builds a bridge.

* * * * *

EDITOR'S NOTE -

THERE WILL BE NO ADVERTISING IN THIS ISSUE AS IT IS AN EXTRA EDITION AND NOT CONTRACTED OR PAID FOR BY OUR ADVERTISERS. I WISH TO THANK THEM FOR THEIR PARTICIPATION. THEIR MATERIAL WILL APPEAR IN THE NEXT ISSUE.

Editor.

The BULLETIN BOARD is the official publication of the 7th Division of the Pacific Northwest Region of the National Model Railroad Association, authorized by the Standing Committee. It is mailed free of charge to all members of the 7th Division. Subscription rates to all others is \$6.00 per year, and consists of at least 6 issues.

Correspondence pertaining to this publication should be addressed to the Editor, whose address appears below. All other correspondence relating to the 7th Division, PNR, NMRA, should be forwarded to the Superintendent, as listed below.

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SOMBER NOTES.

During the past ten days, your editor has heard of the passing of three of our members. It has fallen upon me to write a brief summary of the achievements of those members. I have solicited the aid of some of the long time Railroaders to do this. I have made some condensations of the material, and if I have missed anything, I apologize. In addition to the above, it is with great sadness that I have to announce the passing of Ken Davis' nine year old grand-daughter. This has been a bum week, and I have had a death in our family as well. It seems that everything happens at once.

ED.

It was with great sorrow when I heard of the passing of P.H. "Spike" Brown on Sunday, October 9th at the age of 77.

He had been the Editor of the 7th Division publication "The Dispatcher" from January 1960 to April 1965.

He was presented with the "PNR Man of the Year" Award in 1962. And, he was a very accomplished oil painter.

He was also one of the reasons why I joined the PNR so many years ago. - - I admired the man, - - when he spoke, I listened because I knew that I was going to learn something. I viewed many stages of the construction of his "Murray River-Northern" layout, and although I did not see the finished layout, I learned much.

He always had the time to listen to me and answer my questions and make me feel proud of my own accomplishments and I am sure that there are many others out there who in the past have received the same courtesy from "Spike".

The new generation of Model Rails will someday meet their "Spike Brown". I am proud to have known the original.

John R. Maughan

N.M.R.A. P.N.R. 7th Division

Ed. Note - Many of you only knew "Spike" through his column "Modelling Memos" which appeared in the SWITCHLIST, but "Spike" has been in many positions in the NMRA and PNR in his lifetime and was a staunch promoter of the hobby of model railroading.

The list of his achievements are too long to list here, but his works will not be forgotten.

Ten days ago Mr. A. H. (Al) Paull boarded his last train. Al was a photographer of international repute, whose photographs dating from the mid-20's have appeared in almost every authoritative work on Canadian railroads, and in particular books about the Canadian Pacific Railroad. Sometime before his death, Al arranged for a portion of his collection of photographs and negatives to be housed with the British Columbia Museum Archives.

Al was a contemporary of "Spike" Brown's and to lose two life-members in one week is a disaster. Al will be remembered by every budding author of railroad books as an authoritative source.

Aboard the same train was Walter Marshall, formerly of Kelowna, Ia of Red Deer, in the 6th Division, who was a long time model railroader. Walter was not well known of recent in the 7th Division but he will be remembered by many of his long time friends.

Also in this special edition are included several more pages of Cliff's Modelling Index which I started printing last month.

ed.

December 11/83 CLINIC

COME & BUILD A 65' DECK PLATE GIRDER BRIDGE!!!!

Once the fuss and muss of the Robson Square Show "TRAINS 83" has passed, our next clinic will be held in the KENSINGTON COMMUNITY CENTRE, which is located at 5175 DUMFRIES STREET (37th and Dumfries) two blocks East of Knight St. in Vancouver. There is parking in the Community Centre parking lot and also lots of street parking available.

The Clinic will be held in the MULTI-PURPOSE Room which we have rented between 1 - 4 pm. This will allow for a bit of set up time, and I expect that the Clinic itself will get going about 1:15 pm. To get to the Multi-purpose room, enter the building through the main doors on the S.E. corner of the parking lot, turn down the hall to your right and the Clinic Room is on the right hand side of the hall.

There is public swimming at the Community Centre during the time that the Clinic is scheduled. I believe that the cost is \$1.75 for adults and 80¢ for children.

The Bridge will be available as a KIT, the price is not yet firm, but it appears that it will be in the \$4 - 5.00 range. Approximately 25 HO scale kits and 15 N scale kits will be available.

The kit will consist of a commercial bridge kit which we will "KIT BASH" into a deck plate girder bridge, with wooden ties and tie spacers. Some detail hounds may wish to add nut-bolt-washer castings (NBW) castings to support the deck. I would suggest that in HO scale, that a package of Grandt Line #5101 - 1-7/8" nuts with 3 3/16" washers does the job quite nicely.

You may find the following tools useful in building your bridge; a scale, rule, modelling knife, and a small square or geometry triangle, a tube of Goo or Super T for attaching the wooden deck to the girders. Some styrene cement will be necessary to secure the girder assembly. Elastic bands and clothes pins could be useful. For those planning to add NBW's nut-bolt washers, a pin vice and small drill will be needed, and bear in mind the NBW's can be added after the bridge has been assembled.

The following will be supplied: cutting boards, white glue, wax paper, plans, instructions, and the kits. Not supplied will be the necessary tools to purchase the kit.

An example of the Clinic Bridge should be on display as part of the VANCOUVER HO MODEL RAILWAY CLUB EXHIBIT at the Fall Meet on NOVEMBER 5th, 1983 at ROBSON MEDIA CENTRE. COME BY AND TAKE A LOOK!!!! Please note that it is not the Central Valley Pratt Truss Bridge. Contact JOHN GREEN - 325-6204.

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THERE WILL BE A SWAP TABLE AVAILABLE AT THE ROBSON SQUARE MEET FOR THOSE WISHING TO BUY, SELL, EXCHANGE, SWAP OR WHATEVER - YOUR REDUNDANT MODELLING SUPPLIES. THOSE WISHING INFORMATION CONTACT DOUG KELLEWAY AT 526-6875.

MODEL RRR- FEB 1981 Pg-130 - SURFACE GAUGE
 MODEL RRR- MAR 1981 Pg-96 - DECAL APPLICATION JIG
 MODEL RRR- MAR 1981 Pg-151 - COUPLER OPENING TOOL
 NMRA BLTN- JUN 1975 Pg-42 - TIE CUTTER
 NMRA BLTN- FEB 1973 Pg-55 - GRADE CHECKING TOOL
 NMRA BLTN- JUL 1978 Pg-68 - PAINT MIXER
 RR MD CFT- APR 1982 Pg-55 - USING A MICROMETER
 RR MD CFT- JUL 1982 Pg-84 - AIRBRUSHES
 RR MD CFT- AUG 1982 Pg-85 - AIRBRUSHES #2
 RR MODLNG- WIN 1981 Pg-70 - PAINT SPRAY BOOTH

24- MATERIALS AND THEIR USES

MODEL RRR- NOV 1981 Pg-98 - SHRINK MODELLING - DRUMHEADS
 NMRA BLTN- DEC 1976 Pg-08 - RUBBER MOLDS, EPOXY CASTING
 NMRA BLTN- JAN 1977 Pg-45 - SOLDER & PARTS FROM SOLDER
 NMRA BLTN- DEC 1977 Pg-22 - LATEX MOLDS
 NMRA BLTN- JUL 1978 Pg-54 - ETCHING USING DRY TRANSFERS
 NMRA BLTN- NOV 1980 Pg-09 - ETCHING WITH DRY TRANSFERS
 RR MD CFT- MAR 1975 Pg-34 - EPOXY CAST PARTS
 RR MD CFT- MAR 1980 Pg-60 - LATEX CASTING

25- METHODS AND PROCESSES

MODEL RRR- FEB 1971 Pg-58 - RETRACTABLE RAMP
 MODEL RRR- AUG 1980 Pg-90 - RE-GEARING MANTUA
 NMRA BLTN- DEC 1974 Pg-58 - GRAB IRON TEMPLATE
 NMRA BLTN- JAN 1975 Pg-65 - SIMULATED CHAIN
 NMRA BLTN- SEP 1975 Pg-60 - GRAB-IRONS
 NMRA BLTN- DEC 1975 Pg-20 - TRACK SLIDER PICKUP
 NMRA BLTN- DEC 1975 Pg-61 - MODEL LOCO RE-RAILER
 MODEL RRR- JUN 1982 Pg-81 - UPGRADING RIVAROSSA ENGINES
 NMRA BLTN- FEB 1973 Pg-46 - RIVETS ON STYRENE
 NMRA BLTN- OCT 1977 Pg-21 - PICKUP WIPERS
 RR MD CFT- MAR 1977 Pg-54 - CASTING SMALL PARTS
 RR MD CFT- MAR 1978 Pg-38 - ASSEMBLING A STEAM LOCO
 RR MD CFT- JUN 1970 Pg-65 - PINSTRIPING CONTROL PANELS
 RR MD CFT- FEB 1980 Pg-82 - SCRATCHBUILDING METHODS
 RR MD CFT- JUN 1980 Pg-72 - F7B UNIT KITBASH
 RR MD CFT- JUL 1982 Pg-111 - DETAILING F7 GRILLES
 RR MODLNG- SUM 1980 Pg-52 - KADEES ON LIFE-LIKE
 RR MODLNG- FAL 1981 Pg-28 - RESISTANCE SOLDERING
 RR MODLNG- FAL 1981 Pg-77 - LENGTHEN ATHEARN PULLMAN

26- PHOTOGRAPHY

RR MD CFT- MAR 1976 Pg-57 - PINHOLE DIAPHRAGM ON 35MM CAMERA
 RR MD CFT- APR 1978 Pg-57 - PINHOLE DIAPHRAGM ON 35MM
 RR MD CFT- MAR 1980 Pg-77 - PINHOLE APERTURE ON BOX CAMERA

NMRA BLTN- APR 1982 Pg-15 - NMRA STANDARDS SHEETS

28- COUPLERS AND UNCOUPLERS

MODEL RRR-	MAR 1976	Pg-102	KADEES ON ATLAS HOOD UNITS
MODEL RRR-	SEP 1976	Pg-80	KADEES RAMP LITTER
MODEL RRR-	FEB 1982	Pg-149	KADEES ON ATLAS FP7
NMRA BLTN-	AUG 1977	Pg-36	MAGNETIC HAND UNCOUPLER
RR MODLNG-	SPR 1980	Pg-19	KADEES ON TRAINSET CARS
RR MODLNG-	SUM 1980	Pg-32	KADEES ON AHM DIESELS
RR MODLNG-	FAL 1980	Pg-59	KADEES ON ATHEARN P
RR MODLNG-	WIN 1980	Pg-20	KADEES ON ATHEARN DIESEL
RR MODLNG-	SPR 1981	Pg-70	KADEES ON AHM PASSENGER
RR MODLNG-	SUM 1982	Pg-53	KADEES ON BACHMANN
RR MODLNG-	FAL 1982	Pg-73	KADEES ON ATLAS DIESELS

31- BENCHWORK

MODEL RRR-	MAY 1967	Pg-43	SPLINE BENCHWORK
MODEL RRR-	OCT 1972	Pg-63	CABINET BENCH WORK
MODEL RRR-	JUL 1973	Pg-26	SWING-AWAY SECTIONS
NMRA BLTN-	APR 1979	Pg-64	SPLINE ROADBED TIPS
NMRA BLTN-	NOV 1980	Pg-54	BENCHWORK LATTICE ROADBED
RR MD CFT-	JAN 1978	Pg-44	CREATIVE BENCHWORK
RR MD CFT-	JUN 1980	Pg-69	MOVABLE BENCHWORK
RR MD CFT-	AUG 1980	Pg-54	CURVED ROADBED - STRAIGHT BOARDS
RR MD CFT-	DEC 1980	Pg-64	PANELLED BENCHWORK

32- LAYOUT DESIGN

MODEL RRR-	OCT 1967	Pg-38	TURNABLE END CORNER
MODEL RRR-	OCT 1969	Pg-58	EASEMENTS
MODEL RRR-	JAN 1975	Pg-52	TRACK PLAN
MODEL RRR-	MAR 1975	Pg-73	TRACK PLAN-GOLF LINKS WITH A. CROSSOVER
MODEL RRR-	APR 1980	Pg-142	EASEMENTS
MODEL RRR-	NOV 1980	Pg-102	PLANNING BY SQUARES
NMRA BLTN-	JUN 1975	Pg-52	PLANNING LARGE CURVES
NMRA BLTN-	DEC 1980	Pg-21	TRANSITION CURVES #1
NMRA BLTN-	MAR 1981	Pg-44	COMPUTER LAYOUT PLANNING
NMRA BLTN-	MAR 1982	Pg-24	TRANSITION CURVES #2
NMRA BLTN-	APR 1982	Pg-23	TRANSITION CURVES #3
RR MD CFT-	DEC 1978	Pg-56	DESIGN & CONTROL HIDDEN TRACK
RR MD CFT-	MAR 1979	Pg-120	GUIDELINES FOR TRACK PLANNING
RR MD CFT-	AUG 1979	Pg-73	LARGE RADIUS CURVES
RR MD CFT-	DEC 1979	Pg-97	LARGE RADIUS CURVES #2
RR MODLNG-	SPR 1982	Pg-11	KETTLE VALLEY PLAN

33- CONSTRUCTION

MODEL RRR- FEB 1976 Pg-42 - HANDLAYING TRACK
 MODEL RRR- NOV 1977 Pg-115 - TIE LAYING METHOD
 MODEL RRR- JAN 1979 Pg-75 - TRACK LAYING
 MODEL RRR- MAR 1979 Pg-127 - GOOD IDEAS ON HANDLAYING
 RR MODEL- OCT 1972 Pg-28 - CONTROL PANEL IN A DRAWER

34- TURNOUTS AND CROSSINGS

MODEL RRR- JUN 1971 Pg-74 - HOME MADE SWITCH POINTS
 MODEL RRR- JUL 1972 Pg-46 - SWITCH CONSTRUCTION USING JIGS
 MODEL RRR- JUN 1975 Pg-62 - HANDLAYING
 MODEL RRR- DEC 1977 Pg-123 - MANUAL TURNOUT CONTROL
 MODEL RRR-*MAR 1977 Pg-68 - HANDLAID TURNOUTS
 MODEL RRR-*MAY 1978 Pg-62 - TURNOUTS ON PC TIES
 MODEL RRR- APR 1979 Pg-108 - ROTARY SWITCHES FOR TURNOUT CONTROL
 MODEL RRR- MAY 1979 Pg-100 - TURNTABLE DRIVE
 MODEL RRR- MAR 1981 Pg-140 - TURNOUT CONTROLS
 MODEL RRR- SEP 1981 Pg-80 - CONSTRUCT CLOSING FROG TURNOUTS
 MODEL RRR- MAY 1982 Pg-84 - MANUAL TURNOUT THROWS
 MODEL RRR- JUN 1982 Pg-100 - GROUND THROW SWITCHSTAND
 NMRA BLTN- JUN 1977 Pg-38 - CROSSING ON PC BOARD
 NMRA BLTN-*AUG 1977 Pg-32 - HAND LAID TURNOUTS
 NMRA BLTN- DEC 1977 Pg-26 - PARTIALLY SELF BUILT TURNOUTS
 RR MD CFT- SEP 1974 Pg-54 - SPRING SWITCH
 RR MD CFT-*OCT 1974 Pg-52 - SPRING SWITCH #2 - WIRING
 RR MD CFT- FEB 1978 Pg-56 - SIMPLE SWITCH MACHINE LINKAGE
 RR MD CFT- FEB 1979 Pg-82 - CONSTRUCT SELF-GUARDING FROGS
 RR MD CFT- JUN 1979 Pg-60 - BUILDING CURVED TURNOUTS
 RR MD CFT- NOV 1981 Pg-91 - STEP-BY-STEP TURNOUTS
 RR MD CFT- MAR 1982 Pg-82 - SWITCH MACHINES ON SPLINE ROADBED
 RR MD CFT- FAL 1979 Pg-78 - HANDLAY TURNOUTS
 RR MD CFT- FAL 1980 Pg-78 - REWORKING ATLAS TURNOUTS

38- TURNTABLES AND ROUNDHOUSES

MODEL RRR- JUN 1970 Pg-74 - TURNTABLE DRIVES
 MODEL RRR- FEB 1972 Pg-65 - ROUNDHOUSE
 MODEL RRR- MAR 1972 Pg-41 - ENGINE HOUSE AND TURNTABLE PLANS
 MODEL RRR- FEB 1973 Pg-49 - TURNTABLE
 MODEL RRR- DEC 1973 Pg-49 - ROUNDHOUSE
 MODEL RRR- NOV 1976 Pg-48 - POWERING A TURNTABLE
 MODEL RRR- DEC 1977 Pg-81 - SCRATCH BUILT TURNTABLE
 MODEL RRR- MAR 1980 Pg-94 - AUTOMATIC TURNTABLE
 MODEL RRR- JUL 1980 Pg-77 - 66 FOOT TURNTABLE PLANS
 MODEL RRR- AUG 1981 Pg-72 - DESIGN A ROUNDHOUSE
 NMRA BLTN- JAN 1975 Pg-32 - 100 FT TURNTABLE & ROUNDHOUSE PLANS
 MODEL RRR- JUL 1982 Pg-79 - SOLID STATE TURNTABLE CONTROL
 NMRA BLTN- MAR 1980 Pg-07 - ROUNDHOUSE CONSTRUCTION
 NMRA BLTN- JUL 1980 Pg-38 - BUILD A TURNTABLE
 RR MD CFT- JAN 1974 Pg-37 - GALLOW'S TURNTABLE

39- YARDS AND TERMINALS

MODEL RRR-	JUN 1971	Pg-55	- YARD PLAN
MODEL RRR-	OCT 1971	Pg-41	- ENGINE SERVICING TERMINAL
MODEL RRR-	NOV 1971	Pg-62	- PLANNING A YARD
MODEL RRR-	NOV 1974	Pg-67	- PASSENGER TERMINAL PLAN
MODEL RRR-	JUN 1975	Pg-80	- DESIGNING A YARD
MODEL RRR-	JUL 1976	Pg-89	- YARD PLAN
MODEL RRR-	*JUN 1978	Pg-127	- YARD PLANS
MODEL RRR-	MAY 1979	Pg-85	- TRANSFER TABLE INTERCHANGE YARD
MODEL RRR-	APR 1982	Pg-69	- ENGINE TERMINAL LAYOUT
NMRA BLTN-	DEC 1980	Pg-09	- LARGE YARD DESIGN
RR MD CFT-	JAN 1982	Pg-79	- STEAM SERVICE YARD PLAN
RR MODLNG-	WIN 1982	Pg-07	- METRO YARD PLAN
RR MODLNG-	FAL 1982	Pg-32	- ANGELICA YARD

40- ROLLING STOCK MISC.

MODEL RRR-	SEP 1969	Pg-51	- WEDGE SNOW PLOW
MODEL RRR-	MAY 1970	Pg-55	- CP FOUR WHEEL FLANGER
MODEL RRR-	JUL 1973	Pg-38	- KITBASH CABOOSE
MODEL RRR-	OCT 1973	Pg-65	- CP FLANGER
MODEL RRR-	NOV 1975	Pg-84	- CP FOUR WHEEL CABOOSE
MODEL RRR-	MAR 1980	Pg-144	- CP CABOOSE WITH SEMAPHORE PICTURE
MODEL RRR-	AUG 1980	Pg-58	- NON-REVENUE EQUIPMENT
MODEL RRR-	JAN 1981	Pg-122	- ROTARY PLOW & POWERING METHOD
NMRA BLTN-	MAR 1976	Pg-10	- DISCONNECT LOG TRUCK
NMRA BLTN-	MAY 1976	Pg-50	- OTTAWA TROLLEYS
NMRA BLTN-	OCT 1978	Pg-78	- DROVERS CABOOSE
NMRA BLTN-	NOV 1978	Pg-34	- WEDGE SNOW PLOW
RR MD CFT-	JUL 1970	Pg-58	- CN CABOOSE PICTURE
RR MD CFT-	FEB 1972	Pg-28	- CN WOOD CABOOSE
RR MD CFT-	APR 1972	Pg-43	- CN SECTION CAR
RR MD CFT-	JAN 1973	Pg-33	- CN COMMISSARY CAR
RR MD CFT-	MAR 1974	Pg-48	- CN NEWFOUNDLAND CABOOSE
RR MD CFT-	DEC 1976	Pg-62	- CN STEEL CABOOSE
RR MD CFT-	DEC 1977	Pg-86	- HI-RAIL TRUCK
RR MD CFT-	AUG 1981	Pg-63	- CN MODERN SWITCHING CABOOSE
RAIL&TRNT-	MAY 1977	Pg-22	- CN SNOWPLOW

41- FREIGHT CARS

MODEL RRR-	SEP 1969	Pg-29	- CP STOCK CAR CONVERSION FROM BOX
MODEL RRR-	APR 1974	Pg-54	- CN 70 TON BOXCAR
MODEL RRR-	FEB 1979	Pg-131	- CN BOX
MODEL RRR-	MAR 1980	Pg-128	- CN MAPLE LEAF BOX
MODEL RRR-	AUG 1980	Pg-110	- PACIFIC FRUIT EXPRESS
MODEL RRR-	DEC 1980	Pg-176	- CN 50 FT. LUMBER
MODEL RRR-	FEB 1982	Pg-127	- NAR BOXCAR
MODEL RRR-	MAY 1982	Pg-119	- CN 40 FOOT DOUBLE DOOR AUTO BOX
MODEL RRR-	DEC 1982	Pg-138	- GOVERNMENT GRAIN HOPPERS

NMRA BLTN- MAR 1982 Pg-22 - OLD CANADIAN
 NMRA BLTN- JUN 1982 Pg-32 - BCR DOUBLE DOOR
 NMRA BLTN- DEC 1982 Pg-23 - CP DOUBLE DOOR BOX
 RR MD CFT- MAR 1972 Pg-53 - CP NEWSPRINT BOX PICTURE
 RR MD CFT- NOV 1972 Pg-51 - CN ORE CAR
 RR MD CFT- JAN 1973 Pg-64 - CN ORE CAR MODEL
 RR MD CFT- MAR 1978 Pg-58 - CN 'TEST-LOAD' BOXCAR
 RR MD CFT- JUN 1978 Pg-50 - CANADIAN FOREST BOX
 RR MD CFT- MAY 1979 Pg-81 - CN AUTO CARS
 RR MD CFT- OCT 1979 Pg-74 - CN EXPERIMENTAL STOCK CAR
 RR MD CFT- APR 1972 Pg-46 - CN 'BILLBOARD' PAINTING
 RR MD CFT- DEC 1979 Pg-74 - CN EXPERIMENTAL PULPWOOD CAR
 RR MD CFT- JAN 1980 Pg-124 - CN MILK TRAIN PICTURES
 RR MD CFT- MAY 1980 Pg-66 - CP STOCK CARS
 RR MD CFT- DEC 1981 Pg-124 - CP STOCK-CARS
 RR MD CFT- JUN 1982 Pg-83 - ONTARIO NORTHLAND GONDOLA
 RR MODEL- JAN 1975 Pg-82 - REEFER UNDERSIDE PICTURE
 RR MODLNG- WIN 1980 Pg-48 - KITBASH AUTO CARRIER

42- PASSENGER CARS

MODEL RRR- OCT 1972 Pg-58 - BUILD A DOME CAR
 MODEL RRR- JUN 1973 Pg-48 - CN BUSINESS CAR PLAN
 MODEL RRR- JUN 1973 Pg-51 - KITBASH A BUSINESS CAR
 MODEL RRR- JUL 1973 Pg-62 - DOME-OBSERVATION
 MODEL RRR- FEB 1974 Pg-40 - KITBASH PASSENGER CARS
 MODEL RRR- OCT 1974 Pg-18 - PAINTING CN CARS
 MODEL RRR- FEB 1975 Pg-25 - PAINTING CP CARS
 MODEL RRR- SEP 1975 Pg-48 - KITBASHED DOME CARS
 MODEL RRR- DEC 1975 Pg-95 - CN UNITED STATES MAIL CAR
 MODEL RRR- JAN 1979 Pg-79 - KITBASH AN RPO
 MODEL RRR- OCT 1979 Pg-49 - CP ARTICLE
 MODEL RRR- OCT 1980 Pg-100 - LENGTHEN OVERTONS
 MODEL RRR- MAR 1982 Pg-90 - CN STEAM GENERATOR
 NMRA BLTN- AUG 1974 Pg-36 - CP OLD DOME CAR
 NMRA BLTN- FEB 1973 Pg-49 - CN 2 COMPT 2-BED BUFFET LOUNGE
 RR MD CFT- FEB 1971 Pg-38 - ALGOMA BUSINESS CAR
 RR MD CFT- SEP 1971 Pg-38 - MILWAUKEE (CN) DOME CARS
 RR MD CFT- NOV 1971 Pg-38 - MILWAUKEE (CN) OBSERVATIONS
 RR MD CFT- APR 1975 Pg-40 - WHITE PASS
 RR MD CFT- JAN 1978 Pg-62 - PASSENGER/CABOOSE
 RR MD CFT- JUL 1978 Pg-COV - CP 'GROVE' PICTURE
 RR MD CFT- APR 1972 Pg-44 - MILWAUKEE (CN) SLEEPERS
 RR MD CFT- JUL 1972 Pg-10 - WHITE PASS PICTURES
 RR MD CFT- APR 1980 Pg-64 - ALGOMA 'AGAWA'
 RR MD CFT- APR 1981 Pg-68 - CP DOME BUFFET
 RR MODEL- SEP 1974 Pg-30 - CN OLD BUSINESS COACH PICTURE
 RR MODEL- JUL 1977 Pg-72 - CP KETTLE VALLEY MODEL PIX
 RR MODLNG- FAL 1979 Pg-39 - BUILD A DOME OBSERVATION

43- LOCOS- STEAM