



GREAT NORTHERN



BRASS CAR SIDES

Passenger Car Parts for the Streamliners

Great Northern ACF 60-Seat No-office Coach [Part No. 173-576]

Great Northern ACF Cafe-Coach [Part No. 173-578]

This sheet is supplied with our N-scale brass car sides for the Great Northern *Internationals* and *Red River Streamliners*. It supplements modeling information contained in our *Empire Builder* sheets. Modelers interested in train consists, photographs and operating details of all the GN's passenger trains are encouraged to refer to the Great Northern Pictorial series (listed below) by John F. Strauss, Jr., published by Four Ways West.

Vol. 3: Rocky's Clean Window Trains for 1947, 1950 and 1955 *Empire Builder*.

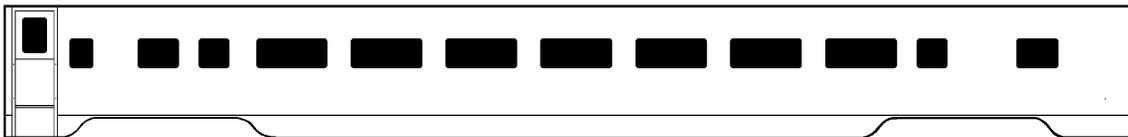
Vol. 4: Rocky's Northwest Postman and New Companions for *Western Star*, *Fast Mail*, *Winnipeg Limited*, *Red River* and other post-war trains.

Vol. 5: Rocky's Robe of Many Colors for coverage of all trains during 1960-1971.

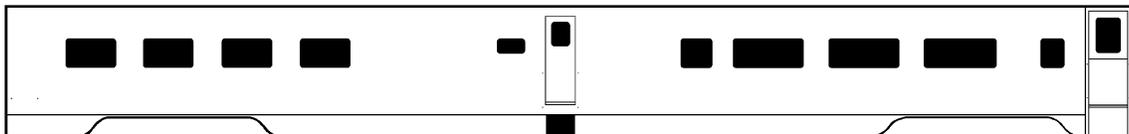
The Seattle-Vancouver, B.C. twin *Internationals* and St. Paul-Grand Forks *Red River* entered service in June, 1950 with cars built by ACF. The coaches built for these trains were very similar in appearance to the GN 1110-series built by P-S for the 1947 *Empire Builder*. Each train normally carried two 60-seat coaches, numbered GN 1116 and 1118 for the *Internationals* and GN 1138-1139 for the *Red River*, as illustrated below.



These four coaches did not contain the conductor's office and differed from those that did (GN1115, GN 1117 and GN 1137) by one window, as illustrated below. (Brass sides for these coaches will be produced when sufficient reservations have been received.)



The *Internationals* offered dining service in the café section of GN 1145 and 1146. These cars also contained 28 coach seats and are illustrated below.



The cafe-coaches were withdrawn from the *Internationals* in mid-1960 and in 1962 began operating in the St. Paul-Fargo-Grand Forks reconfigured *Red River* and Nos. 3 & 4 *Dakotan*. The center skirting on these and most other post-war cars was removed during the 1950's. "Big Sky Blue" began to be applied in 1967 and then "Cascade Green" followed on a few cars as the BN merger approached and then arrived. At least five of the original ACF cars are known to have survived into the 21st Century, including GN 1146 which is being restored by Eric Hopp and friends. See his excellent web coverage and history of this equipment at <http://www.erixrailcar.com/>.

These sides are designed to be used with the American Ltd. Models #8010-8040 kits, with the #8015 (gray) and #8025 (black) providing the more correct truck style. The ALM kits include detailed instructions, which these sheets supplement. The modelers who reserved these GN sides requested that they be produced with the original full skirting. A slight curvature to the skirts can be imparted by clamping the sides between a flat piece of steel and a broom handle or pipe of similar diameter. The skirt can then be formed around the cylinder with a wood tool, such as a piece of 1"x4" pine or fir board. Not much curve is needed to achieve the effect. One of our N-scale modelers, Dallan Schowe, has written up his technique for bending the skirts and this is posted at [www.brasscarsides.com/pdftech sheets/Bending Skirts.htm](http://www.brasscarsides.com/pdftechsheets/Bending%20Skirts.htm). The center skirts may be removed with a sharp tin snips by those wishing the later appearance. Brass Car Sides will remove the center skirts by special order on sides obtained directly from us.

The following paints and N-scale decals are listed for GN lightweight cars. Microscale set 60-153 is for the *Mid-Century Empire Builder*. Set 60-154 provides the stripes only.

<u>Paint Scheme</u>	<u>Scalecoat</u>	<u>Floquil</u>	<u>Modelflex</u>	<u>Polyscale</u>	<u>Tru-Color</u>
Orange/Green	10452,-462		1664,1665	224, 227	TCP-49, -50
Big Sky Blue		56, 11	1663,1602	113, 203	TCP-51, -05

All of our catalog sheets, technical information, reservation forms and the current bulletin are available for downloading at www.brasscarsides.com. For paper copies by mail please send a two-stamp SSAE to **BRASS CAR SIDES**, 715 S. 7th St., St. Peter, MN 56082. Address e-mail to info@brasscarsides.com.

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