



THE MILWAUKEE ROAD

Route of the Super Dome Hiawathas and
The Western "Cities" Domeliners

BRASS CAR SIDES

Passenger Car Parts for the Streamliners

Milwaukee Road 1947 "Grove" Cafe-Parlor {No. 173-60}

The Milwaukee Road was unique among U.S. railroads in building most of its lightweight passenger cars in its own shops. (The Pullman-Standard sleeping cars and the Super Domes were among the exceptions.) The post-war *Hiawathas* and *Pioneer Limited* were the early beneficiaries of the new cars, but soon many of these newcomers began to support other named and secondary trains. The "Grove" series cafe-parlors (180-185) were regularly assigned to the *Pioneer Limited* and to other trains, and two cars (182 "Union Grove" and 185 "Twin Grove") were converted into diner-lounges in 1959 for service on the *Pioneer Ltd.* In 1979, **BRASS CAR SIDES** began producing photoetched brass HO sides for the Milwaukee's post-war cars, with N-scale versions and many more prototypes coming into the catalog starting in 1995. This sheet is included with HO sides for the "Grove" cafe-parlor and cafe-lounge side sets.

REFERENCES

The Hiawatha Story by Jim Scribbins (University of Minnesota Press reissue)
Pullman-Standard Library Vol. 15 MILW, MKT, FRISCO, MP, KCS, DRGW (RPC)
Milwaukee Road in Color Vols. 1-4 by several authors (Morning Sun)
Milwaukee Road Color Guide to Freight & Passenger Equipment, Stauss (Morning Sun)
Milwaukee Road Remembered by Jim Scribbins (University of Minnesota Press reissue)
Some Classic Trains by Arthur D. Dubin (Kalmbach, 1964, Interurban, O.P.)
More Classic Trains by Arthur D. Dubin (Kalmbach, 1974, O.P.)
Streamliner Cars Vol. I & III P-S/Others by David Randall (RPC Pub., O.P.)
Car Names, Numbers and Consists by Robert Wayner (Wayner, O.P.)
Yahoo Group MILW which archives a pdf file of color drawings by Rick De Karske of 1947-48 *Hiawathas*. These include side illustrations in the UP scheme, with underbody and roof detail. Walthers once produced O-scale kits for both the *Twin City* and *Olympian Hiawathas*, and we can supply photocopies of side elevation, underbody, and roof plans in exchange for a SSAE, plus one extra-ounce stamp for every three plans requested after the first three.
Milwaukee Road Floor Plan Diagrams online:
www.brasscarsides.com/catalog/MILWGroveCafe-ParlorPlan.tif
www.brasscarsides.com/catalog/MILWGroveCafe-LoungePlan.tif

RECOMMENDED CONSTRUCTION TECHNIQUES

The "Grove" cafe-parlor sides were retooled in the fall of 2008 to incorporate newly verified window and door dimensions provided by expert Milwaukee Road passenger car modeler Rich Worisek. As part of the retooling, the sides were slightly resized to work as an overlay to the Walthers *Hiawatha* cars, with the tap-lounge model providing the closest match of roof and underbody details. Modelers may also use our Basic Body Kit.

Our friend and modeler-customer Jim Schwinkendorf has developed and shared at www.brasscarsides.com methods for applying our Milwaukee Road sides to various Walthers Proto cars, including the pre-war PS sleepers and the post-war *Hiawatha* models. His and Jeff Hanson's similar exposition on the NP Budd dome sleeper and diner conversions are highly recommended to modelers considering applying these side sets to Walthers Proto (not Mainline) car bodies.

DECALS, PAINTS AND DETAIL PARTS

<u>Paint Color</u>	<u>Floquil (Disc)</u>	<u>Scalecoat</u>	<u>Tru-Color</u>	<u>Modelflex</u>	<u>Polly Scale</u>
Milwaukee Orange	110162	15 (?)	111	1642	414152
Passenger Maroon		35	110	1643	414155
Black for roofs	110017	10	10	1605	414140
UP Armour Yellow	110166	22	26	1624	414170
UP Harbor Mist Gray	110167	32	25	1625	414176

Decals: www.petescustomdecals.com. Streamstylegraphics is closed. Older options:

<u>Decal Mfg.</u>	<u>Gold on Mar/Or/Mar</u>	<u>Mar on Or/Mar</u>	<u>Red on Yellow/Gray</u>
Walthers	43820 (Olympian)	43810	43840
Walthers	43850 (Twin)	43830, 43860	
Champ	PH-54G	PH-54M	PH-113, S-89, Chartpak red 1/32" stripes



#173-60 Milwaukee Road 180-185 "Grove" Cafe-Parlor HO kitchen side, as retooled.

All of our catalog and modeling sheets and forms are available for downloading and printing at www.brasscarsides.com. To receive paper copies of our HO and N-scale catalog, reservation sheet, and current bulletin, please send a two-stamp SSAE to **BRASS CAR SIDES**, 715 South 7th St., Saint Peter, MN 56082-1435. (507) 931-2784. info@brasscarsides.com. Rev. 12-14-20