



# THE MILWAUKEE ROAD



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

## BRASS CAR SIDES

*Passenger Car Parts for the Streamliners*

RPO-Express 1208-30 [#173-552]; 75' Express 1317-29 [173-554]; Diner 115-26 [#173-555]  
Tap-Lounge/Lunch-Lounge 162-67, 172-73 [#173-553]; "Touralux-Coach" 5770-75 [#173-566]  
75' Baggage-Dorm 1309-1314 [#173-557]; "Touralux" 14-Section 5740-5751 [#173-558]  
85' Baggage-Dorm Rebuilds 1350-1352, 1354 [#173-579]

The Milwaukee Road's roster of baggage-dormitory cars included six 75' cars (1309-1314) built for the 1947 *Olympian Hiawatha* and seven 85' cars (1350-1356) rebuilt from post-war cars when the Milwaukee began handling the UP *City* trains. Four of these latter cars (1350-52 and 1354) had originally been "Touralux" 14-section "Mountain" sleeping cars (5740-5751).

The 75' RPO-express cars (1208-1230) provided a 30' mail compartment, but in the 1960's many were rebuilt as full RPO's with a 60' mail area and renumbered in the 2100-series. The six 18-seat diner/26-seat lounge cars built for the *Olympian Hiawatha* as "Tip-Top Grill" cars were followed by another pair built in 1948 for the *Afternoon Hiawatha* and called "Tap-Lounge" cars. The 40-seat dining cars for the *Olympian Hiawatha* were numbered 115-120, and 121-126 for the *Twin Cities* and *Chippewa Hiawathas*. The 48-seat diner-lounge cars 170-71 had the same side layout as the full diners. The six short-lived "Touralux-Coach" cars were rebuilt in 1951 to three 550-series coaches and three more "Touralux" sleepers.

N-scale sides are etched from .008" full-hard brass and match other BCS *Hiawatha* side sets. All of these sides are designed to be used with the American Ltd. Models 8010-8040 Core Kits. The roof and floor must be shortened to match the 75' sides. The ALM kits come with their own instructions, which this sheet supplements. Many useful references are listed below.

Milwaukee Road Color Guide to Freight & Passenger Equipment, Stauss (Morn. Sun). Excellent color photos on pp. 16, 33, 34, 39 and 40.

Passenger Cars Vol. 2, by Hal Carstens (Carstens). Plans and photos for coach (p. 132); tap-lounge (p. 194); parlor (p. 145); baggage-dorm (p. 123)

Passenger Cars Vol. 3, by Hal Carstens (Carstens). "Touralux" (p. 240)

"Modeling Milwaukee Road's Tip Top Tap Cars", Jeff Kehoe, *The Milwaukee Railroader*, Third Quarter, 2003. pp. 40-41, HO-scale. See also Jim Scribbins' article in 2nd Qtr. *TMR*, pp. 32-39. Yahoo Groups MILW and N\_Milwaukee\_Road. See pdf file of Drawings by Rick De Karske of 1947-48 *Hiawathas* in UP paint scheme in group's archives.

The Hiawatha Story by Jim Scribbins (University of Minnesota Press, 2007)

Milwaukee Road in Color Vols. 1-4 by several authors (Morning Sun)

Milwaukee Road Remembered by Jim Scribbins (Kalmbach, 1990, and later reprinted)

The Union Pacific Streamliners by Ranks and Kratville (Kratville, 1974, O.P.)

Streamliner Cars Vol. I & III P-S/Others by David Randall (RPC Pub., O.P.)

Walthers produced O-scale kits for the *Morning*, *Afternoon*, and *Olympian Hiawathas* and some of these sides are partly based on those plans. Send a large two-stamp SSAE for copies.

The sides are coated with clear Krylon acrylic spray. This coating may be left in place on the rear surface, but should be removed from the front side prior to construction and painting. It may

be left in place on both surfaces, but at the risk that some paints, particularly those that are water-based, may not adhere as well. The acrylic coating may be removed with a paste-type paint remover, acetone, or similar solvent. The sides will begin to oxidize as soon as they are stripped, but this is only a cosmetic effect.

Microscope slide cover glass makes a fine window material, but clear styrene or acetate sheet stock is also good, and easier to work with. Of course, final attachment will have to wait the painting and finishing steps. Grabiron "dimples" have been etched into the rear of the brass sides to permit easy drilling for those wishing to add wire grabirons.

**Paints:** Milwaukee Orange: Floquil 162. Milwaukee Passenger Maroon: Accupaint 35. Black for roofs: Scalecoat 10, Accupaint 62. UP Armour Yellow: 166, Scalecoat 22, Tru-Color TCP-026, Accupaint 67. UP Harbor Mist Gray: Scalecoat 32, Tru-Color TCP-025, Accupaint 68.

**Decals:** N-scale decals for these cars are available from [www.petescustomdecals.com](http://www.petescustomdecals.com) in the various orange and maroon as well as UP schemes. Streamstyle Graphics is out of business.

The ALM core kits contain several underbody and roof detail parts that may be applied to these cars. We recommend using small-diameter brass wire for the prototypically-spaced grabirons. For additional detail parts, refer to the Walthers N&Z Reference Book, manufacturer catalogs and web sites, and the Milwaukee's N-scale Yahoo Group.



85' Baggage-Dorm side view



Tap-Lounge side view



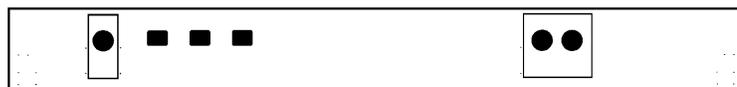
Dining Car kitchen side view



"Touralux" Sleeper side view



"Touralux-Coach" side view



75' RPO-Express side view



75' Express-Baggage side view



75' Baggage-Dorm side view

To receive our combined HO and N-scale catalog, bulletin, and reservation form please send a two-stamp SSAE to: **BRASS CAR SIDES**, 715 S. 7th St., St. Peter, MN 56082. See our web pages at [www.brasscarsides.com](http://www.brasscarsides.com). E-mail: [info@brasscarsides.com](mailto:info@brasscarsides.com). Revised April 12, 2017.