



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 115-126 [173-555]
Tap-Lounge/Lunch-Lounge 162-67, 172-73 [173-553]; "Touralux-Coach" 5770-75 [173-566]
75' Baggage-Dorm 1309-14 [173-557]; "Touralux" 14-Section 5740-51 [173-558]

The Milwaukee Road's varied collection of 75' head-end cars included 23 mail and express cars, 6 baggage-dorms, and 13 express-baggage cars built in 1947-48. The RPO-express cars provided a 30' mail compartment, but in the 1960's many were rebuilt 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. Many of the *Olympian Hiawatha* cars later served throughout the system, and some, particularly the baggage-dorms, ran in the Union Pacific trains after October, 1955.

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. See other references 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 group's archives. Wonderful color side illustrations in UP scheme.

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)

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 these sides are partly based on those plans. Send a large two-stamp SSAE for free photocopies.

CONSTRUCTION NOTES

The sides are coated with a clear Krylon acrylic. 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 a cosmetic effect.

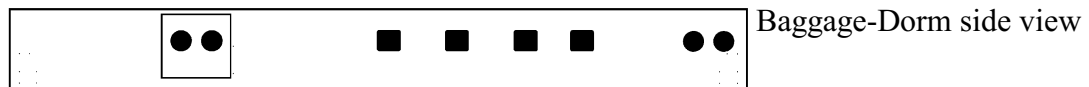
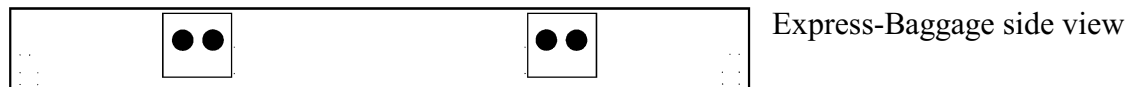
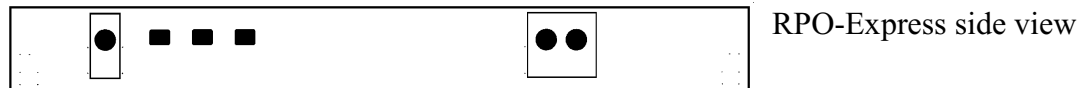
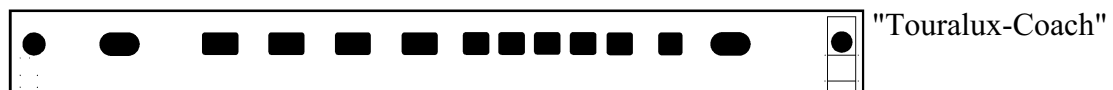
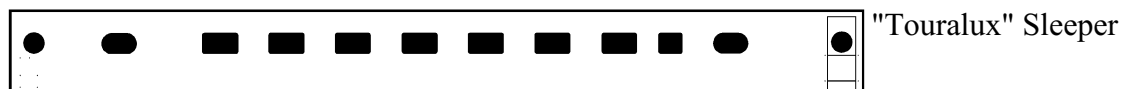
Microscope slide cover glass makes a fine window material, but clear styrene or acetate sheet stock is also good, and easier to work with. Of course, final attachment will have to wait the painting and finishing steps. Grabiron "dimples" have been etched into the rear of the brass sides to permit easy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

DECALS, PAINTS AND DETAIL PARTS

Milwaukee Orange: Floquil 162; Milwaukee Passenger Maroon: Accupaint 35; Black for roofs: Floquil 17, Scalecoat 10, Accupaint 62; UP Armour Yellow: Floquil 166, Scalecoat 22, Accupaint 67; UP Harbor Mist Gray: Floquil 167, Scalecoat 32, Accupaint 68.

N-scale decals for these cars have recently become available from Brian Rumler (one of our customers) at www.kkmodeltrains.com and <http://www.petescustomdecals.com/>. Brian's decals are in the UP scheme while Pete's are in the orange and maroon design.

The ALM core kits contain several underbody and roof details, but they match more closely those used on cars built by PS and ACF. 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. See also the De Karske online pdf file and Walthers O-scale photocopies.



To receive our combined HO and N-scale catalog and bulletin, please send a two-stamp SSAE to: **BRASS CAR SIDES**, 715 S. 7th St., St. Peter, MN 56082. Dealer terms are available. See our web pages at www.brasscarsides.com. E-mail: dchenry@gac.edu. Revised 12-19-09.