



East Troy Infrastructure Needs YOU!

We are undertaking an ambitious fund-raising program; we need to raise \$240,000.00 in 2011. In 2011 we received a very substantial contribution to start construction of a maintenance facility. However, we need to raise funds every year to repair and improve our infrastructure.

A most pressing need is funds for our annual track and roadbed program. We must continue to replace completely worn out ties; we have replaced hundreds in the past three years but many more are needed. We need \$25,000 for this, about \$10,000 for 300 new ties this year and \$15,000 for installation of those ties. We need to rebuild the track in the "swamp", from the north end of Army Lake siding to Winema crossing. This area needs new ties and additional stone fill and tamping in order to provide greater stability. We estimate the cost at at least \$20,000, and believe this work must be done in 2011.

A high priority is the building of a second substation. Our current substation does not have sufficient capacity for supplying electricity for more than three cars. Its placement results in inadequate power between Elegant Farmer and Mukwonago, especially for westbound trains (climbing the hill to Hwy J). We are planning to install a new substation east of Elegant Farmer, probably in the vicinity of Bayview Road. We can then isolate the line east of Army Lake siding and have it powered by the new sub. This addition will improve the operation of westbound dinner trains (15 or more per year), enable us to operate caboose trains to the interchange (they need a siding to reverse ends), and to introduce scheduled service to Mukwanago. We estimate the cost at \$60,000.

Much of our overhead wire is original construction, more than 100 years old, and is wearing thin. There are at least two sections that need to be replaced. New wire is prohibitively expensive, but we are hopeful that we can obtain wire second-hand from another traction or streetcar operation. The wire will also cost a lot to install, in terms of needed equipment and personpower. This is an ongoing need; we want to get started by investing \$35,000 in the overall project this year.

There are two high priority equipment repairs that need to be done in 2011. One is rebuilding the non-powered trailer truck on car 4453. The wheels have reached the end of their useful life. We have a spare truck that we can use but it needs service; the cost of servicing and replacing the truck will be \$20,000. This project is very important because

we rely on our two-car Chicago Elevated train throughout the operating season. The other equipment issue is to finish the rebuilding of car 846. It now has two working motors, but needs four to operate properly. This will require servicing and replacing two traction motors at a cost of \$30,000.

Finally, we need to move forward on the building of turning facilities at both ends of the railroad. All of the curves on the ETER mainline between East Troy and Elegant Farmer are from south to north. As a result, most of the wear and tear on the wheels is on the south side of the trucks, and has resulted in the need to replace those wheels. We should be turning all of the equipment at least annually. Turning facilities, loops or wyes, would enable regular operation of the PCC cars, which require only one operator. Thanks to generous donations by two members, we have enough money to build one turning facility. We want to raise funds for the other this year, and estimate the cost will be \$50,000.

As you can see, we need your financial support now. Donations in any amount are greatly appreciated, and special recognition is provided for exceptional contributions and gifts. Please contribute. Help make 2011 a successful year for your railroad, Wisconsin's last electric railroad!

Cash Contributions

Please indicate the amount of your contribution:

\$500.00 \$250.00 \$100.00 \$50.00 Other _____

Please note your method for providing a contribution:

Check Credit Card Money Order Cash

If method is a Credit Card, please provide the following (please print):

Visa Master Card

Card Number _____ Security Code _____

Expiration Date _____

Name on Card _____

Personal information

Mail contribution and form to: | Name _____

East Troy Railroad Museum, Inc | Address _____

P.O. Box 943 | _____

East Troy, WI 53120-0943 | City, State, Zip _____