



ENVIRONMENTAL PROTECTION, INC.

# t h e LINER LETTER

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9939 US-131 South  
Mancelona, MI  
49659

800 OK-LINER  
Fax 231-587-8020

[www.geomembrane.com](http://www.geomembrane.com)

[pvcliner@geomembrane.com](mailto:pvcliner@geomembrane.com)

## GM Riverfront Plaza & Promenade

Environmental Protection, Inc. has been selected to provide geomembrane liner for Phase One of the new General Motors Renaissance Center Riverfront Plaza and Promenade project along the Detroit River in downtown Detroit. The project designed by Albert Kahn Associates, Inc. is being constructed by John Carlo, Inc. EPI will fabricate and install over

geomembrane will protect the structural foam from future damage should there ever be fuel or chemical spill that could adversely affect the foam material below.

The project is part of a waterfront promenade called RiverWalk. The three-mile long RiverWalk, from the Renaissance Center to Belle Isle, is expected to be completed by 2007. The RiverWalk is part of a \$500 million public-private redevelopment of Detroit's east river front that also includes a new State Park. Detroit's east riverfront historically was a zone where shipping and tire companies, warehouses and other businesses grew up as part of Detroit's industrialization at the dawn of the last century.



50,000 square feet of XR-5 geomembrane liner covering more than an acre of structural foam fill under the plaza. Structural foam was selected to save weight and eliminate soil pressures that might damage adjacent sea walls and other structures along the water front site. The custom fabricated XR-5

EPI custom fabricated the geomembrane panels to fit the irregular shape of the plaza site and to accommodate the unique design of the promenade. EPI will also install the XR-5 geomembrane using thermal welding technology and provide anchoring and attachment of the liner to adjacent concrete structures.



Tips & Tricks