



## Recreation Engineering & Planning

### BEAR RIVER HABITAT IMPROVEMENTS

PETOSKEY, MI

This project is the first habitat stream-improvement project of its kind in Michigan. It is located on the beautiful Bear River as it winds through the heart of Petoskey, Michigan, located in northwestern Michigan on Little Traverse Bay. Historically, the Bear River was a hub of activity for the timber industry including five dams and impoundments, numerous railroad crossings and related industrial infrastructure. In an effort to improve aquatic conditions, the dams were removed over the years and the river was restored to free flowing. Remnants of these dams and industrial impacts are still present. REP designed in-stream improvements as part of an overall river corridor improvement project which includes restoration, bike/pedestrian trails and bank access. Specifically REP designed drop-pool-riffle sequences to improve in-stream habitat, public safety and navigation. An extensive public process and permitting effort was undertaken to obtain approval for the project which was completed in September 2010.

*The Bear River project is a blend of stream habitat resoration, river recreation, public safety improvements and beautification in the natural beauty of existing scenery.*



#### IN STREAM DESIGN:

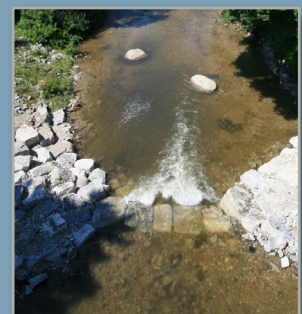
GARY LACY P.E.

#### CONSTRUCTION & PERMIT:

GARY LACY P.E., REP  
SHANE SIGLE P.E., REP  
TIM KNUTSEN,  
BECKETT AND  
RAIDER INC.

#### DATE COMPLETED:

SEPTEMBER 2010



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