

**PARTNERSHIPS BUILD
SUSTAINABLE PROGRAMS**

**WATTUPA RESERVATION AND THE
CITY OF FALL RIVER AND
MORTON MIDDLE SCHOOL**

Laying The Foundation



MORTON'S TRAILBLAZERS













A Real Challenge

**DESIGN A BRIDGE
FOR ONE OF THESE
SITES.**

Bridge Building in the Bioserve

SITE 1 – Homestead Trail Loop, Boardwalk

Location: Blossom Road, east side about 150' beyond fire lane gate south of Reservation Headquarters

Site Description: Walking trail through pine woods crosses flat low-lying area that floods in spring

Potential Project: Pedestrian boardwalk up to 350' long with 4 turns



SITE 2 – Blossom Brook, Farm Bridge

Location: Blossom Road, west side about 500' beyond stonewall south of Reservation Headquarters

Site Description: Overgrown trail through mature, mixed forest on gently west sloping upland

Potential Project: Restore utility bridge over 4' wide stone-lined brook channel at original 19th century location





NEXT STEPS

- * A 7th grade Science unit on bridge design evolved into a service learning project that involved teams of students competing to design the best bridge for two sites in the bioserve. The winning design, selected by a review team comprised of the City Engineer, the Wappata Reservation Superintendent and Forester and the Trustee of the Reservation Education Coordinator, was incorporated into summer plans.

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MOVING FROM PLANS TO REALITY

One of the goals was to build a bridge but the first objective was to provide every student with basic safety and building skills. Once the students mastered their picture frames they were ready to ramp it up!



THANKS HOME DEPOT

Dedicated staff, enthusiastic students, a great plan and a VERY GENEROUS partner made this project possible by providing 100% of all the supplies and material needed.



Constructed, Dismantled

The picture frames took two weeks for the students to build.

The bridge was built in **four days**, and dismantled in **one!**



Bridging the Classroom to Our World

