

## CASE STUDY

Designer: Warner Larson Landscape Architects  
 Location: Thorndike Fields | Arlington, MA  
 Product(s): BodPave®85  
 Application: Stormwater Sensitive Parking Area (2,500 SF)



### ISSUE

Additional parking was needed for the expanding recreational area at Thorndike Park, but the client did not want to create additional stormwater runoff to adjacent water bodies. They communicated their need for a cost effective porous paving solution that would require little maintenance, be highly porous for infiltration, match the intended aesthetics, and be strong enough to withstand the wear associated with vehicular traffic and the Massachusetts climate.

### SOLUTION

Warner Larson Landscape Architects selected BodPave®85 because of its superior quality, functionality, design attributes, cost-effectiveness, and aesthetic value, which continually set it apart from any porous grass or gravel paving system available. The Thorndike parking design integrates BodPave®85 Gravel Porous Paving into the parking stalls, which receive stormwater from adjacent asphalt drive lanes. BodPave™85 is designed to accommodate the deepest profile of any open cell paving grid, capturing more stormwater initially and allowing it to percolate into the sub-grade profile at the designed rate. The strength

of the paving system and snap-fit connections create a gravel reinforcement layer that functions as a single system with the flexibility to adjust to seasonality and grade changes, making it the only viable open-cell paving solution for Massachusetts. JNJ Sacca was selected to install the aggregate filled pavers, which match the local aesthetic and provide high infiltration rates without risk of the clogging effects experienced with other porous paving systems, reducing maintenance costs and preserving stormwater functionality.

### BENEFITS

BodPave®85 has turned the Thorndike parking addition into a multifunctional stormwater collection system, mitigating runoff while expanding parking to meet visitor demands. The physical strength, unique attributes, and design flexibility allowed Warner Larson Landscape Architects to achieve their design goals within budget. Thorndike Fields has proved again that BodPave®85 is the best designed grass or gravel paving solution available today.

