

Disciplines Utilized

- Conceptual and Major Site Plan
- Boundary & Topographic Surveys
- Utilities & Highway Surveys
- Construction Stakeout
- AutoCAD Services
- Environmental Impact Statement and Analysis
- Storm Water Design and Management
- Soil Testing and Analysis
- Wetlands Analysis
- Flood Zone Classification
- Coastal Area Facility Review Act (CAFRA)
- Traffic Engineering
- Parking Lot Design
- Landscape Planning and Management
- Permitting
- Planning Board Testimony

Site Size

5.8 Acres

Project Status

Operational

Special Permitting

NJDOT - Traffic Study

Project Team

Robert R. Stout, PE, CME, LS, Fran Reichelt, Matthew Walsh, Ken Caruth, Ben Gindville, PWS, CPM



DESCRIPTION

On the heels of the Hotel LBI project, Mercer Management once again engaged Stout & Caldwell to provide comprehensive civil engineering, surveying and planning services for the development of the newest Jersey Shore attraction. The project specifically included conceptual and major site plans plus boundary, topographic, utilities and highway surveys. A number of environmental disciplines were also required from an Environmental Impact Statement, storm water design and soil testing to wetlands analysis, flood zone classification and a Coastal Area Facility Review. Working with partner Dolan & Dean Traffic Engineers, the firm conducts a traffic study and parking lot design. The result - Mainland Adventure Park, which is located on 5.8 acres in Manahawkin and minutes from the causeway to Long Beach Island, features unlimited fun with 4 extended zip line aerial course, go karts and a 50' climbing wall to name a few.

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Partners:

- Dolan & Dean Traffic Engineers

Community impact:

- Development of vacant site to be taxable property for township
- Create new jobs to support new business
- Increase taxable business income within the region
- Bring additional entertainment to foster local tourism industry

