

Northville Bennett Arboretum Pathway Northville, Michigan



Spalding DeDecker Associates, Inc. (SDA) was retained by the Charter Township of Northville, Michigan, to provide Design, Contract Administration, Layout Staking, Construction Observation, and the descriptive conservation signage for this very unique Pathway Project.

The project funding was made possible by a partnership with Wayne County's Department of Public Services and Parks and Recreation, Northville Township, and the City of Northville.

OWNER / CLIENT
Charter Township of Northville

PROJECT START - END
June 2011 - November 2011

SDA PROJECT No.
MN09-012

The new 3,000 lineal foot asphalt pathway traverses through elevated areas with steep side slopes by cleverly utilizing live retaining walls, an elevated boardwalk, and a picturesque pedestrian bridge crossing Johnson Creek.

Some of the specific pathway improvements include:

- Elevated Boardwalk (250 LF)
- Steel and Wood Pedestrian Bridge (137 LF)
- Keystone Retaining Walls (4,700 SF)
- "Live" Retaining Walls (8,100 SF)
- Pervious Concrete



BRIDGE CONSTRUCTION ENGINEERING

The Construction Engineering Department provided full-time Construction Observation for bridge and pathway construction. FieldManager software was used for daily reports, sketches, and photos. The Project Manager was responsible for bridge components and materials being installed according to the specifications, and proper placement according to plan. He oversaw scheduling, grading and drainage, environmental protection, safety procedures, utility coordination,

testing, signage and construction project record review. Construction Engineering and Contract Administration ensured that all elements of the plans were constructed to specifications and completed within the allotted schedule and budget.

