



# HAMMONTREE HIGHLIGHTS



**A Newsletter from Hammontree & Associates, Ltd.  
and Morris Knowles & Associates, Inc.**

**(A Hammontree Company)**

*Engineers - Planners - Scientists - Surveyors*

Offices in Ohio and Pennsylvania

**Utica and Marcellus Shale - Pipelines - Drone Services - Transportation - Bridge - Civil Site  
Municipal - Environmental Science - Structural - Surveying - Landscape Architecture**

**Fall / Winter 2016**

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## The Ohio State University Hires Hammontree & Associates for OARDC Wooster Campus Roadway Improvements

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## Morris Knowles Awarded Upper Tyrone Township Sanitary Sewer Project

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Photos shown: Ohio State University/OARDC Wooster Campus entrance and exit road, new sculpture and fountain

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## Ohio State University OARDC Project

Hammontree was hired by Ohio State University, to redesign the entrance of their OARDC Wooster campus, to accommodate truck traffic and improve the general traffic flow. Civil engineering plans were prepared for rehabilitation and replacement of the pavement in the parking areas and roadway.

The Hammontree Team worked closely with OSU in the schematic design phase to get more than just a pavement rehabilitation, but a new redesign of the entrance to the campus.

Services provided include:

- Base topographic survey and mapping
- Pavement analysis
- Redesign of drives and parking
- Civil site engineering
- Construction administration and observation



Photo above: Entrance road to OSU/OARDC Wooster Campus; photo left: exit road from campus.



Photo above: New bridge and spillway at Camp Y-Noah

## Camp Y-Noah Nimisila Spillway Complete

The Hammontree Team performed the engineering and surveying tasks needed to address the ODNR inspection report and replace the failing Nimisila Spillway. Hammontree worked with Akron Area YMCA and ODNR to provide a full replacement of the secondary spillway, new bridge and abutments.

Services provided include:

- Base topographic survey, and mapping
- Hydraulic studies
- Emergency action plan
- Operation and maintenance manual
- Spillway design and ODNR permits
- Lake drain replacement
- Construction administration

**Fast Fact: The Hammontree and Morris Knowles Teams offer Drone Services at each office**

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## Morris Knowles Awarded Upper Tyrone Township Sanitary Sewer Project

Upper Tyrone Township has awarded Morris Knowles a sanitary sewer project that involves design of a new sewer system for 602 residents which currently have failing private systems.

This project will consist of construction of approximately 55,000 L.F. of gravity sanitary sewer line, four pump stations, and a low pressure sewer system with 116 residential grinder pump units in Upper Tyrone Township, Fayette County. Sewage will be transported and treated at the Westmoreland-Fayette Treatment Plant.

The primary source of financing for this new sewer system is through PennVEST. Morris Knowles is responsible for assisting with the PennVest applications and loan settlement documents and procedures, DEP WQM permit applications, general permit applications for stream crossings, NPDES permit for construction activities, and railroad crossing and encroachment permits. Morris Knowles is also contracted to perform construction observation for this project to ensure general conformance with the plans and to review and approve payment applications. **HK**



Photo above: Sanitary sewer trench box

## Hercules Engine Plant to be Renovated

The Hercules Engine Plant will soon be renovated into 90 apartment units with a community hub and secured parking lot.

The Hammontree Team was selected by Broadview Development, LLC to provide engineering and surveying services for Phase 1 renovations to this facility.



Photo above: Hercules Engine Plant in Canton, Ohio



Photo above: Aerial photo of Hercules Plant taken with the Hammontree drone

- Hammontree is providing:
- Site surveying
  - Civil site design and permitting
  - Landscaping and city streetscape design
  - Drone services for marketing
  - Construction layout surveying services

## Hammontree and Morris Knowles Complete Housing Projects

Morris Knowles recently completed Sandy Hill Meadows, a multi-family, residential subdivision and Brandywine Phase 5 single-family subdivision.



Both developments required surveying, civil site design and site permitting.



Photo above: Sandy Hill Meadows in PA  
photo left: Brandywine Phase 5 in PA;  
Photo below: Lakes of Green in Ohio

Hammontree completed the Lakes of Green subdivision in Summit County. Hammontree was the engineer and surveyor for this 40 lot subdivision. Services included: surveying, roadway design, stormwater control and water quality design, civil site design and permitting. **HK**



## New Speedway in Barkeyville, PA



Photo above: Speedway in Barkeyville, PA

Morris Knowles was hired by Speedway, LLC for civil engineering and surveying services for the new Speedway Store at 5742 SR 8, Barkeyville, Venango County, PA.

This 4,600 square foot convenience store includes 16 auto fueling pumps and 4 commercial fueling pumps for larger vehicles. **HK**

## Hammontree Providing Drone Services for the Akron Canton Airport

Hammontree was selected by the Akron Canton Airport to study alternatives and complete the detailed design of a major reconstruction of the entrance and exit roadway and parking areas.

The Team is currently providing construction administration and drone services for construction monitoring.

Services provided on this project include:

- Site survey
- Site design
- Sanitary sewer design
- Storm sewer design
- Waterline design
- Utility design
- Roadway design
- Maintenance of traffic design
- Funding acquisition
- Construction administration
- Drone services for monitoring
- Planning and public involvement



Photos shown above and left: Akron Canton Airport new roadway and parking areas, taken with the Hammontree drone



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**ADDRESS CORRECTION REQUESTED**