

Great Lakes Design Update has been brought to you in the past by the firm of Bradley J. Butcher & Associates, PC. The team at BJBA is now pleased to be a part of Sidock Architects, a Sidock Group Company, and we are proud to bring back the Great Lakes Design Update to keep you informed of new projects throughout the Great Lakes Region. In this edition, we'll take a look at some projects out of our Gaylord office either in design or under construction in both Michigan's Upper Peninsula and Lower Peninsula.



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Year End 2013

### Michigan's Upper Peninsula



### Motor Life Boat House Returns to Whitefish Point

The **Great Lakes Shipwreck Historical Society** at Whitefish Point welcomed back the Motor Life Boat House which was returned to its rightful place at the GLSHS Campus on September 24<sup>th</sup>. Originally built in 1923 at the Whitefish Point site, the Motor Life Boat House was sold in the 1950's or 1960's and moved about a mile and a half away from its original site. GLSHS received a grant from the Michigan Council for Arts and Cultural Affairs to return the building to its original location. This 52,000 lb, 1,200 SF, 20' tall building was built to house and launch the motorized life boat used in rescue efforts on Lake Superior. Prior to the motorized lifeboat, rescue efforts were carried out in hand-pulled surfboats crewed by 8 oarsmen with one coxswain using a long steering oar. The move was performed by Mihm Enterprises, Inc., of Hamilton, MI and coordinated by Sidock Architects. To see a video clip by 7 & 4 News, visit: <http://www.upnorthlive.com/news/story.aspx?id=950845>

### Water System Improvements Receive Public Approval

**McMillan Township** in Luce County is completing the USDA Rural Development grant application process to provide a new water system to property owners in McMillan Township and Pentland Township. The Township is applying for a Rural Development Grant for installation of a water main in the M-123 corridor between Pentland Township and the Village of Newberry. The improvements will benefit the community with increased fire protection, lower insurance rates for commercial interests, and increased opportunity for development in the corridor and adjacent areas. Sidock conducted a public meeting in September to gather support from the affected property owners, and is in the process of completing the RD-PER Feasibility Study (Rural Development Preliminary Engineering Report), Environmental Report, and assisting with the completion of the grant application. The application process is dependent on available funds from RD, and can take several months to complete. Once funding has been committed, design and permitting of construction plans will take 4 - 6 months and construction will take approximately 1 year to complete. USDA Rural Development Water and Waste Disposal Grants are used to develop water and waste disposal systems in rural areas and towns with populations under 10,000. The funds are available to public bodies, non-profit corporations and Native American communities. To learn more about the program and how Sidock can help your community, please contact our Gaylord office team.



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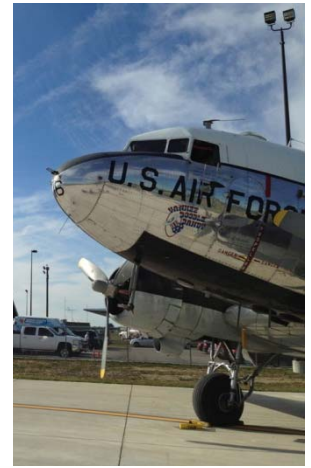
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### Michigan's Lower Peninsula



### Livingston County's Spencer J. Hardy Airport's Ribbon Cutting Ceremony

This 4,000 SF single-story general aviation terminal was celebrated in a ribbon cutting ceremony on September 17, 2013. The \$843,000 new facility offers office space, a waiting room with reception, pilot's lounge and bunkroom, flight planning room, vending area, fuel sales counter, FOB area, a large conference room for local business use, and necessary mechanical, electrical, building systems and site improvements. The project was funded through MDOT Aeronautics and local funding.

### Alpena Mall Gets a Facelift

Approximately 30,000 SF of existing space in the Mall is being renovated for a major regional retail merchant. Work will include selective demolition and reconstruction of interior walls and finishes, as well as exterior modifications to create a new store entry. Other areas of the Mall will receive improvements on both the interior and exterior as new tenants are welcomed. Who else may be coming in? Stay tuned...

### Michigan State Police Training Academy Outdoor Firing Range

Preliminary Studies have begun on a proposed Outdoor Firing Range at the Michigan State Police Training Academy Secondary Complex in Dimondale, Michigan. The first phase of the project includes preparing a Master Plan outlining the overall project which is slated to take several years to complete. When finished, the range will provide for training police recruits, enlisted personnel and members of other law enforcement agencies in the State in an environment that reflects the conditions to which law enforcement officers are exposed. Components of the Range will include:

An Outdoor Firing Range consisting of a live fire shoot house/pit, a 360' diameter shooting pit and a 25-person, 50-yard pistol range.

A classroom and maintenance building consisting of two 20-person classrooms, men's and women's locker rooms, lunch area, administration space for 6 persons, maintenance area, weapons vault, weapons maintenance, refrigerated unit (walk in for ballistics gel), and a shop for target/vehicle repair.

A simulated city complete with training structures. Preliminary plans call for a residential village with simulated single family residential units, a multi-story apartment building/school, and a commercial area with a simulated bank, restaurant and party store type building.

**Sidock Receives State of Michigan I.S.I.D. Contract**  
(Indefinite Service, Indefinite Delivery)



Camp Grayling Live Fire Shoot House



Harley Ensign Boat Access Site



Camp Grayling Dining Hall

**Harley Ensign Boat Access Site Boat Ramp Replacement**

Sidock is providing construction documents to the Department of Natural Resources, Parks Division, for replacement of the concrete boat ramps at the Harley Ensign Boat Access Site in Mt. Clemens (Harrison Township) Michigan, which is the largest launch in the DNR’s system. The work will include removal and replacement of the concrete ramps and subbase; removal, regrading select areas and replacing the asphalt in specified areas; and removal and installation in new alignment of a section of the storm sewer with the addition of a manhole structure with a new outlet. The improvements also include removal, cleaning and replacement of shoreline and slope protection measures, temporary installation of soil erosion measures and turbidity curtain, and project cleanup. The construction work will be completed in stages to allow for continued use of the launch facility.

Sidock holds an Indefinite Service, Indefinite Delivery contract with the State of Michigan, which can be used by any department within the State government. The Harley Ensign Boat Launch Ramp Replacement project is the first such project taken under this ISID contract. Sidock looks forward to providing quality design services to other branches of the State government in the coming months.

Previous State of Michigan DTMB projects out of the Gaylord office include:

**Camp Grayling Dining Hall**

The dining facility, completed in 2011, supports 400 soldiers in staggered seatings. The building is constructed of insulated concrete formed (ICF) walls, along with other sustainable principles that have been integrated into the design. The Dining Facility is available for use by other components, and has received a Joint Use Certification from the Deputy Assistant Secretary of the Army (Installation and Housing).

**Camp Grayling Live Fire Shoot House**

This 2010 Live Fire Range is used to train soldiers in the techniques and tactics of clearing buildings in a live fire setting. Inside the LFSH, soldiers engage 3-D, moving and stationary targetry at close range. Range targetry includes wireless systems, stationary and moving, Automated Target Systems (ATS) with varying up-close indoor targetry, 3-D targets, computer driven target scenarios, controlled and scored by computer in an operations center facility.

What's coming next...



Squadron Operations Facility Grand Opening Ceremony



Air Traffic Control Tower



Classroom Facility 116-120

Sidock Receives I.D.I.Q. Contract from United States Property and Fiscal Office

(Indefinite Delivery, Indefinite Quantity)

Sidock Architects has received an Indefinite Delivery, Indefinite Quantity Contract from the United States Property and Fiscal Office for Michigan (USPFO-MI). Although the majority of work will be provided to Alpena Combat Readiness Training Center, Sidock can provide professional services to any federal agency through this contract, as long as the work complies with the terms and conditions of the contract.

The Gaylord office has provided services for many projects under previous IDIQ contracts with USPFO-MI, at Alpena CRTC and elsewhere throughout the Great Lakes Region. Projects at Alpena CRTC have included:

- Fire/Crash/Rescue Station
- Visiting Operations Building
- Command Headquarters Building
- Entry Gate Guard House
- Armory Building
- Dining Facility
- Collins Center
- Air Traffic Control Tower Upgrades
- Roads and Grounds Facility
- Gunnery Range 40 Support Complex
- Squadron Operations and Command Post
- Security Forces Facility
- Services Building
- Vehicle Wash Facility
- Visiting Unit Medical Facility
- Add/Alter POL Operations Facility
- Add/Alter Vehicle Maintenance Facility
- Air-to-Ground Range Target Village
- Medical Readiness Training Site
- Classroom Facility 116-120

Other federal agencies that have taken advantage of the Gaylord office's IDIQ contract include the Ohio National Guard, and the United States Forest Service.

How to Reach Us

The Gaylord office's team includes Brad Butcher, AIA; Jeff Mudroch, PE; Tim Baker; Linda Buck; and Cathy Simpson, and they are supported by Sidock's four other Michigan offices with over 100 talented professionals.

The Gaylord office is located at 147 West Main Street, Suite 303, 49735; phone 989.705.8400; fax 989.705.8403. You can reach us by email as noted below, all @sidockgroup.com

bbutcher / jmudroch / tbaker / lbuck / csimpson