

IASM 2016 1ST PLACE WINNERS *in* CATEGORY

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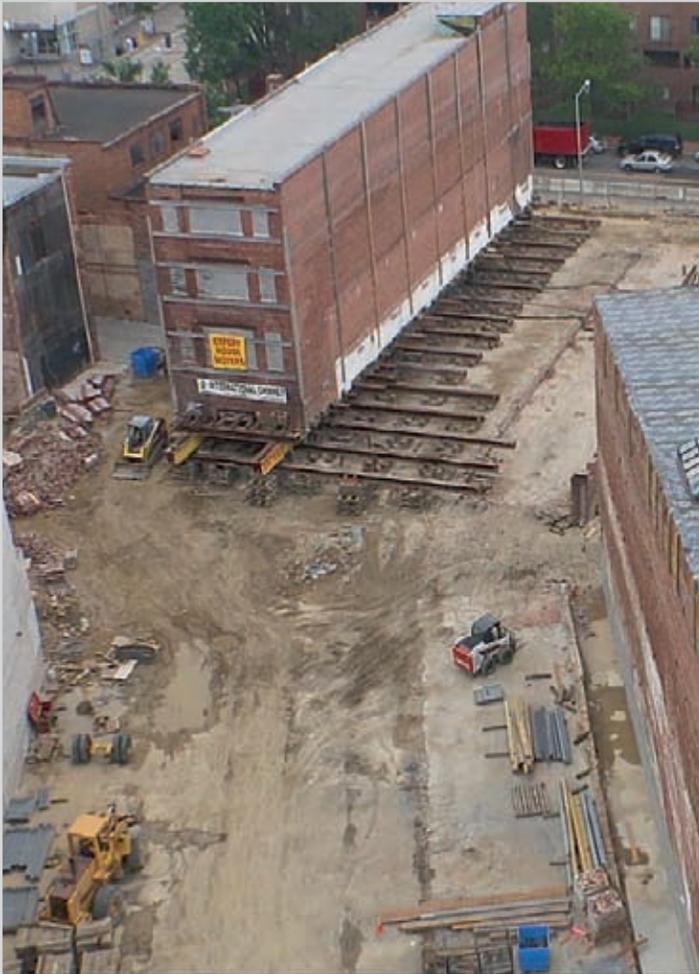
2016 1ST PLACE COMPETITION WINNERS

HEAVIEST BUILDING MOVED NOT ON RUBBER TIRES

OPEN CATEGORY

International Chimney Corporation & Expert House Movers of MD

"632 L Street Square 450"
Washington, D.C.



Aerial view of the building rolled into the final location



Removing brick for cross steel



Cribbing

This historic building in Washington, D.C. was moved to make room for new development. This project began in December 2014 and the equipment was demobilized in July 2015. The building was 54'10" tall, 124'2" long and 26' wide. Weighing 1,344 tons the building was moved 52 feet, 3 inches.



Kenneth Zdrojewski and Tyler Finkle

2016 1ST PLACE COMPETITION WINNERS

HEAVIEST BUILDING MOVED ON RUBBER TIRES

OPEN CATEGORY

Layman Construction Company and House Moving

“Lansden House Move”

Knoxville, Tennessee



Backing on the mats into the new location



Making the final turn



The house is rolled 30 feet closer to the road and ready to skate onto the fill covered with trench plates



Jonathan Layman and Scott Layman

Carl Lansden purchased this historic house from the University of Tennessee with the understanding he had one month to move the house. This deadline was extended once a new lot was secured. Work began on July 1 with the move taking place on July 24. About 15 working days were spent preparing the house to move. The house was moved two blocks.

Built in 1896, the building was 45 feet wide by 63 feet long and 50 feet high. The house weighed 150 tons. To move the house, twenty loads of dirt were brought in from the new foundation to level a spot to skate the house onto. One inch trench plates were laid on the fill.

2016 1ST PLACE COMPETITION WINNERS

LONGEST DISTANCE MOVED ON LAND

OPEN CATEGORY

Emmert International

"Vessel Move"

Houston to North Dakota



This vessel was moved for a new plant. The move took place in January 2015 and took three weeks to complete.

The vessel was 235'7" long, 18' high, and 19'6" wide, weighing 680,000 pounds. From Houston to North Dakota, the vessel travelled 2,694 miles.



2016 1ST PLACE COMPETITION WINNERS

LONGEST STRUCTURE MOVED

OPEN CATEGORY

Northwest Structural Moving

"Gantry Crane Girder Moves"

Everett, Washington



Two gantry crane girders were loaded onto a barge for transport and installation at the Kitsap Naval Base in Bremerton, Washington. The two girders were moved and loaded onto the barge in July of 2015.

The girders were 192 feet long and weighed 280,000 pounds each.



Keith Settle

2016 1ST PLACE COMPETITION WINNERS

MOST SQUARE FOOTAGE ON ONE LEVEL

OPEN CATEGORY

Wade's House Moving & Heavy Hauling

"Wheat County – Wood Framed Steel Shop"

Strathmore, Alberta, Canada



First corner



Moving across the yard

This building was moved to a new location 2,500 feet across the yard onto new footings so that it could be used as a dry storage. To move this 60' wide, 80' long, and 24' tall structure, 90' main beams, 4-60' 14" cross beams and one set of triaxle dollies were used. A 6-jack modern hydraulic jacking system was used to lift the building. The building weighed 28 tons; the steel weighed more than the building.

No permits nor powering clearing allowed for this job to take 15 hours from pulling into site to pulling out of site.

2016 1ST PLACE COMPETITION WINNERS

TALLEST STRUCTURE MOVED

OPEN CATEGORY

Wolfe House Movers LLC

"Kreider Farms Silo Relocation"

Manheim, Pennsylvania



Wolfe began work on the project on May 18, 2015. The structure was placed at the new position on May 27, 2015. The move took place to allow Kreider Farms to create an observation tower as they transitioned the silo into a tourist attraction to view their farming operation.

The silo was moved 1,500 feet, up and down a 3% grade. The concrete portion of the silo was 100 feet tall. The roof of the structure added 12' to the height. The structure was carried approximately one foot off of the ground. Four specialty brackets were fabricated by Wolfe House Movers in order to secure the silo properly for the move.



Randy Stoltzfus

2016 1ST PLACE COMPETITION WINNERS

WIDEST STRUCTURE MOVED

OPEN CATEGORY

DeVooght House and Building Movers

"Little Silver Home Elevation"

Little Silver, New Jersey



The Little Silver home was elevated to meet new elevation standards as well as for a partially new foundation. The width of the home was 105 feet with a depth of 60 feet. The house was raised on 21 oak crib piles using two Jahns Structure Jacking Systems turbo powered 12-jack unified jacking machines.

This project was completed in spring 2015 and occurred over the period of five days.



Jason DeVooght and son Tennyson DeVooght, with Devin DeVooght and dad, David DeVooght

2016 1ST PLACE COMPETITION WINNERS

HEAVIEST STRUCTURE MOVED

UNDER \$30,000 CATEGORY

SJ Hauck House Movers

"Murphy Residence"

Atlantic City, New Jersey



The lift took place in April 2015 and took roughly four days to lift and one day to set. The structure was elevated to comply with FEMA flood regulations.

The house was a top and bottom duplex built entirely out of terra-cotta block. It was about 90-years old and weighed 160 tons. Total cost for the project was \$27,000.



Steven Hauck

2016 1ST PLACE COMPETITION WINNERS

HEAVIEST STRUCTURE MOVED ON RUBBER TIRES

UNDER \$30,000 CATEGORY

Wade's House Moving & Heavy Hauling

"Pezderek Cabin"

Maycroft, Alberta, Canada to Coaldale, Alberta, Canada



Last bridge



Waiting for two D-6 cats to get up the steep hill



Just about to the main highway

This hand-built log cabin was saved from getting demolished when the land it was sitting on was sold to new owners who did not want the cabin there. The cabin was built by two 75-80 year old men. In their spare time they harvested trees and hauled them 20 miles. The trees were then cut to size and hauled to the building site.

The log cabin was 27 feet tall, 42 feet wide, and 66 feet long. It was moved 155 miles. In order to get up a very steep hill, two D-6 cats with ice picks on tracks were used. Once up the hill, it took 1.5 days on the road with the power companies lifting more than 75 line crossings. Trees were cleared to make access out of the valley, which was a cattle trail, not an actual road. Ten jacks were used on an eight jack modern hydraulic system. This 120 ton, with steel, structure is awaiting a new basement.

The job lasted four days between November 30 and December 3, 2015. Total cost for the project was \$18,507.

2016 1ST PLACE COMPETITION WINNERS

LONGEST STRUCTURE MOVED

UNDER \$30,000 CATEGORY

Berghorst & Son, Inc.

"House Move Spencer, IA"

Spencer, Iowa to Gillette Grove, Iowa



Traveling on Highway 18, east of Spencer, Iowa



House setting on new basement

The house was moved for the development of an auto parts warehouse. The move took place in summer 2015 and took three days.

The house was moved 13 miles and was hauled on six hydraulic dollies and a three axle tractor. The building was permitted for 85' long x 49' wide x 31' high; 250,000 pounds. The house had a masonry fireplace and part of the house had a cement floor.



Dave Vant Hul

2016 1ST PLACE COMPETITION WINNERS

TALLEST STRUCTURE MOVED

UNDER \$30,000 CATEGORY

DeVooght House and Building Movers

"Schooner Home Elevation"

Mantoloking, New Jersey



This home elevation took place in spring 2015. The 2-day project was completed to meet new flood standards and for an updated foundation. The structure was 44 feet high, 67 feet wide, and 39 feet deep. It was raised on 14 oak crib towers using a JSJS turbo powered 12 jack unified jacking system. Total cost for the project was \$26,500.



Tennyson and Devin DeVooght

2016 1ST PLACE COMPETITION WINNERS

WIDEST STRUCTURE MOVED

UNDER \$30,000 CATEGORY

Layman Construction Company and House Moving

"Clear Creek Road House"

Parrottsville, Tennessee



Front of the house raised off the foundation

This house was moved due to road construction. The preparation work started January 1. Between weather delays, it took about two weeks to load the house as well as dig and pour the new footers, leading to moving the house the end of January.

The 67' long x 63' wide x 20' high house was skated 75' forward on 5 x/y skates. The 75 ton building sat on very wet ground so the builder went in and placed a three inch slab under the house to keep water out. This left only 24 inches between the slab and the floor joists. 23.5 inches of steel was put in and then the cross beams were clamped to the main beams and lifted off the cross beams on some lift points.

Total cost for the project was less than \$30,000.



Rear of the house after it is over the new footers. 4 x/y skates under main part of house and rear room balanced on 1 x/y skate.



Jonathan Layman and Scott Layman

2016 1ST PLACE COMPETITION WINNERS

GOOD SAMARITAN AWARD

HONOR CATEGORY

W.A. Building Movers

"Belmar Project"

Belmar, New Jersey



Wayne Yarusi and son Ryan Yarusi of W.A. Building Movers along with happy homeowner, Krista Sperber

This one day elevation took place in March 2015 and was done to meet FEMA and town flood zone guidelines.

The Sperber family was the last family in Belmar, New Jersey still out of their flooded home some two and a half years after Hurricane Sandy. Due to lack of funds their home had hit a complete standstill. With the combined help of the St. Bernard Project and the Mayor of Belmar, W.A. Building Movers donated their services to elevate this home and get the homeowners back into their house.



Ryan Yarusi and Wayne Yarusi

2016 1ST PLACE COMPETITION WINNERS

BEST TIME SAVING DEVICE

HONOR CATEGORY

Davie Shoring, Inc.

"Moving 85 Portable Concrete Classrooms in 60 Days"

Braithwaite, Louisiana



Moving two of the classroom buildings by barge

These portable classrooms were originally provided after the hurricane flooding to help the school get up and running quickly while new facilities were built to replace those devastated by the flooding. Once new facilities were built the portable classrooms were slated to be demolished. Davie Shoring, Inc. was given the task to move the classrooms in just 60 days. There were 85 classrooms located on both sides of the Mississippi River that needed to be moved to a temporary storage yard more than twenty miles away.

Due to the time constraint, 6" x 6" x 25 lbs./ft. beams were installed inside each building to support the slab concrete foundations from above rather than having to tunnel under each unit and secure from below. A beam was jacked down 1 1/4" down in the middle and the floor was held up using threaded rods. Sixteen toe jacks were then used to lift each 80 ton building.



One of the building lifted with 16 toe jacks around the perimeter



Notz Ganiel and Glen Overs

2016 1ST PLACE COMPETITION WINNERS

HISTORICAL SIGNIFICANCE AWARD

HONOR CATEGORY

International Chimney Corporation & Expert House Movers of MD

"Relocation of the Gay Head Lighthouse"

Aquinnah, Martha's Vineyard, Massachusetts



The historical lighthouse was moved because of coastal bluff erosion due to the release of trapped ground water pockets, different than typical coastal erosion due to tidal currents, high winds and wave action.

Listed on the National Register of Historical Places, the Gay Head Lighthouse was built in 1856 at a height of 51 feet above ground level with a focal height of 170 feet. The structure was a solid brick cylinder with no annulus. It was three feet thick at base and weighed 448 ton. The lighthouse was moved 129 feet. Site work, bracing and preparation began on April 28, 2015 with the actual move taking place between May 27 and May 31. The foundation was completed on June 24, 2015.



Jerry Matyiko, Sydney Finkle, Libby Finkle, Tyler Finkle and Penelope Finkel

2016 1ST PLACE COMPETITION WINNERS

MOST INNOVATIVE MOVE

HONOR CATEGORY

HMR Supplies

“The Egloff House Move”

Mason City, Iowa



Crossing the bridge

The historical Egloff House move project planning began in 2013; the structural move took place August 25, 2015. The house was moved 12 blocks, over a 100 year old bridge and through a residential area in Mason City, Iowa.

Built in 1928, the Egloff House is historically significant and considered an outstanding example of the International Style of Architecture. In 2008, the Winnebago River in Mason City, Iowa overflowed its banks causing major flooding, putting the Egloff House at risk. A local group, the Mason City Benefit Group, was formed to fund, manage, and

coordinate the house move from a flood zone to higher ground on State Street in Mason City.

The 100 year old, North Carolina Bridge, which the Egloff House was to cross could not withstand the weight of the structure (over 400,000 pounds). To solve this problem, HMR Supplies designed and manufactured a temporary bridge to displace the house weight to the center bridge and off the bridge ends. The bridge was constructed of four steel platforms that were connected by a bolster at bridge center. The finished bridge length was 136 feet, with a width of 29 feet and just over 260,000 lbs.

Over 1,100 heavy hex bolts were used to construct the four steel platform bridge sections. The steel bridge sections were transported by truck to the North Carolina Bridge. With assistance from a crane and a custom built hoist, the steel sections were lifted and placed into exact positions. On site assembly of the bridge took four days.

Due to the size and weight, the Egloff House was split into two sections prior to the move. The house section was fitted with 10 Holland Dollies. Two power dollies were positioned in the front and back of the structure. These dollies propelled and steered the home while the other 6 dollies were coaster dollies. Stationed next to the power dollies were two operators who were remotely controlling the propulsion and direction of the structure. The garage section used 8 coaster dollies and was pulled by truck.



Paul Oulman

2016 1ST PLACE COMPETITION WINNERS

MOST UNUSUAL MOVE

HONOR CATEGORY

Northwest Structural Moving

"Ben Franklin Statue"

Portland, Oregon



The Ben Franklin Statue was built in 1939 overlooking the Franklin High School football field. In 2015, the high school underwent a major renovation which included realigning the football field. Northwest Structural Moving was hired to move and store the statue and then return it to its new location after the remodel was completed.

The all stone structure was moved in summer 2015.

The structure was 12' wide x 22' long x 28' tall and weighed 225,000 pounds. The statue contains a 100 year time capsule installed inside the right leg that could not be disturbed.



Keith Settle

2016 1ST PLACE COMPETITION WINNERS

JUDGES AWARD

Wolfe House Movers LLC

“Rees Mansion Relocation”

Chicago, Illinois



The Rees Mansion was moved for the City of Chicago, in order to make room for the McCormick Place stadium and hotel expansion. The building weighed 1,040 tons and was moving into a new site that was extremely tight, having just inches of room to allow the building to move into the new permanent location.



Kendal Siegrist