

THE WHITFORD QUARTERLY

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**SAFETY
 UPDATE
 This Quarter
 101,613
 Man Hours
 With
 1
 Lost Time
 Accident.**

**Keep up the
 good work!!!!**

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THE L.C. WHITFORD FEATURE JOB

Liberty Street Bridge, Russell, PA

By: Aaron Washburn

On Saint Patrick's Day 1936, major wide-spread flooding took place across northwestern Pennsylvania. In Warren County, the flooding washed away a large bridge that spanned over Conewango Creek in the Village of Russell. In 1937 the bridge was quickly replaced with a larger and stronger Parker through truss steel bridge with a span of 205'.

The bridge stood strong for 80 years before being slated for replacement. At 9:30 AM on June 13, Company President Brad Whitford had the honor of pressing the button that detonated 98 explosive charges that quickly cut the bridge into several sections before falling into the creek. It took less than two seconds from the time that Brad pushed the button until the bridge was resting in the creek bed below.

The job site is located in an area known to have endangered mussels living in the creek. To minimize the environmental impact, our

contract with PENNDOT did not allow us to enter the creek with equipment, or allow us to drag the bridge across the creek bed. The bridge sections had to be lifted out of the creek using a crane. Controlled demolition was chosen for this project because it was the only way to safely cut the bridge into pieces before falling into the water.

Now that the old bridge is removed, Darwin Carlson and crew will be working six days a week until the bridge is reopened in late September. The new bridge will have a center pier to blend in with the remainder of the existing stone abutments by using form liners and staining the concrete to create a natural stone appearance. The L.C. Whitford Material Company is supplying the twelve 110' long PA Bulb T beams. An intricate fishing pier will also be incorporated into the sidewalk that crosses the bridge.

Good job to all of those who have worked on the project so far.



PRESIDENT'S CORNER - BRAD WHITFORD

It's hard to believe that we were looking for things for superintendents to do two months ago! As almost everyone knows, we are in the midst of a very good, but chaotic, construction season. Our work in Pennsylvania is plentiful, and we have had a steady diet of emergency and job-order-contract work in New York. Although large sign projects have been the bulk of our work in Georgia for the last couple years, we have also had a nice variety of other types of projects. Our volume for the Georgia Division continues to be at an all-time high! The Materials Company has been producing beams at record pace, and the Equipment Company (which just achieved Morbark Gold Tier Dealer status earlier this year) sales have been brisk.

Having plenty of work is half of the battle, the other half is getting it done! Finding good help is getting more and more difficult each year. I truly appreciate the level of cooperation between the superintendents and other divisions in allocating resources where they are needed most. We have also had many situations where specialized equipment is needed on several projects at the same time. Again, I appreciate everyone's cooperation and we are getting by, albeit by the skin of our teeth.

Thanks, and keep up the good work.

Brad

MATERIALS COMPANY - DANIEL WHITFORD

The L.C. Whitford Materials Company is producing at an unprecedented rate. As of July 1 we will have completed 230 of 389 pre-stressed bridge girders on the books. We have also shipped 80 beams, with deliveries really picking up in later July. Thanks to all departments the first of two unannounced PCI audits went well.

One department that I have failed to provide an update on in the past is our rebar shop. Rick Mesler started with The L.C. Whitford Materials Company in April of 1992 working for Russ Baker in the rebar shop. In 2002 Rick took over as the rebar supervisor. For ten years Rick and Dean Layfield produced all LCW supplied jobs. Dean has since become a precast production foreman and Rick brought his son Ricky in six years ago. Together, in the first three months of this year alone, they have processed over 500,000 pounds of rebar. This includes unloading, cutting, bending, painting, and shipping of various lengths and sizes of rebar. They run a tight ship and are a great part of the L. C. Whitford team.



Herb Layfield on one of our first steerable trailers



Rebar Shop



Bed setup for bridge girder job

EQUIPMENT COMPANY - BRUCE STRAIGHT

The Equipment Company recently participated in the 2017 PA Timber Show. This show is held at the Ag Progress Days Site in State College, PA every two years and is the premier Forestry Equipment Show in the area. LCW had a very impressive display of new Morbark and TimberPro Equipment. We also participated in the live Grinder and Tree Chipper demonstrations and once again outdid the competition. This year we had the honor of having Ken Crawford (one of the owners of TimberPro) in our booth to meet our customers. Our customers really appreciated meeting Ken and being able to speak directly to an owner and member of the founding family.

The TimberPro TL745C that was in our booth was sold and delivered to its new owner after the show. The Morbark 3800XL Tracked Grinder was taken directly to one of our customers and sold after the show. We even shined up one of the LCW Trucks and had it in a Truck Parade through State College to benefit local Children's Hospitals. The weather was great, and it was a very nice show. We have hopefully gained several new customers because of it.



*Left-LCW Booth at Timber Show
Above-Morbark 3800XL*



*Below-Morbark 4036
Right-Shined Truck for the Parade*



SAFETY UPDATE - DAVE SHIELDS

Fourth of July already, and once again, we're right in the thick of the newest construction season. There are many changes to OSHA Standards coming over the next few months, and the inception of FRA mandates for drug testing of Rail Road workers is a real challenge for us, but we're getting there.

On a happier note, the Georgia Division Safety Day was held on May 6 at the Shop training room. There was instruction about RR Worker Safety, Silica, Work Zone Management and a demonstration of new technologies for Dust Collection presented by HD White Cap.

The Georgia Division Safety Award was presented to Jose Mandujano. Jose is a carpenter who joined the company in 2010 and has become a very reliable and valued member of the Georgia crews. Division Manager Karl Young spoke very highly of Jose's cooperative attitude, ability to accept new challenges and generally great work ethic. Congratulations, Jose! Keep up the good work!



Dave Shields

LCW WINS CHAMBER AWARD



On Friday, May 5, 2017, L.C. Whitford Company, Inc. was recognized at the annual Chamber of Commerce Dinner as Large Business of the Year. The L.C. Whitford Company turned 100 in 2016 and received this award at 101 years of being in business.

The company started in 1916 when Langford Clinton Whitford started L.C. Whitford. He died in 1940 and his son, Langford Rodman Whitford, took over until his death in 1969. He was known as Rod and his son, Chan Whitford, took over in 1969 at the age of 26. Chan and his wife, Karen, have four children, Brad, Rod, Daniel and Clint. In 2006, Chan Whitford appointed his son, Brad, as the company president. Daniel Whitford, shown at left accepting the award, also works at the company and was named general manager of the L.C. Whitford Material Company. That division was established in 1982 and is known for production of prestressed bridge girders and precast parking garages in New York and Pennsylvania.

Well known for building things, L.C. Whitford developed a name in bridge construction. Many remember the flood of 1972 and the iconic photo of parts of Jones Memorial Hospital falling into the Genesee River and the L.C. Whitford crane placing old cars in the bank to stabilize it while working on saving the building from completely falling into the river. It was then, in 1972, that the company went from commercial building to bridge work because so many local bridges were washed out from the flooding.

From there the company built or rebuilt over 1,000 bridges, including the 2,600-foot bridge on I-86 near St. Bonaventure in Allegany and the \$20 million rehab project on the Scajaquada Expressway in Buffalo.

L.C. Whitford has always been committed to providing quality work. Our continued commitment to quality and safety combined with our devoted family and employees will propel us successfully into the future.

GEORGIA UPDATE - KARL YOUNG

GDOT sign projects have complimented our bridge rehabilitation work well over the past few years. This year has been no different. Now that all deck replacements and cathodic pile encasements are complete on recent bridge projects, our crews are steadily working on this lengthy sign project which stretches 110 miles from Covington to Augusta, Georgia. Work is taking place in both eastbound and westbound directions, hence the project covers over 220 miles of signs on Interstate 20.

Due to the high traffic demands surrounding the Master's Golf Tournament in and around Augusta, work didn't start until shortly after the tournament ended in mid-April. Crews have been working on casting structural shape post bases in the reinforced concrete drilled shafts at the 217 special roadside sign locations. These are the larger signs you usually see off the right shoulder of the highway. They typically give advanced warning for exits: one mile and one-half mile, prior to exit, etc. Ninety-five percent of these foundations are now all complete. The galvanized structural posts to be mounted on the bases are currently in fabrication and will be installed upon arrival later this summer. Signs will then be hung and old structures will be removed.

Approximately one-half of the signs on existing overhead structures to be replaced have been completed thus far. There have been a few design changes that are still being finalized; the remaining overhead signs should be replaced later this summer. Also being constructed on the project are eight new sign structures and corresponding signs. Foundation work for these structures will begin in July. Dependent on manufacturing schedules, these structures with respective signs will be erected in September or October.

Clearing of trees for sight distance to some sign locations is now being performed along with slope stabilization and grassing. If all goes as planned, with no other major design changes, the project should be completed by Halloween 2017.



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Building Since 1916

FINAL THOUGHT

“Don’t set compensation as a goal. Find work you like, and the compensation will follow.”

~Harding Lawrence

RECENT CONTRACTS AWARDED

Georgia Jobs

- Bartow County Bridge Repair
- City of Suwanee - SR 317 I-85 Bridge Fence Replacemnt.
- Bibb County - Bridge Inspection.
- Perimeter College Highway Repair.

Kentucky

- Norfolk Southern - Replace DPG Tower Span, Louisville, KY.

Michigan

- Norfolk Southern - Steel Repairs, Detroit, MI.

New Jersey

- Norfolk Southern - CR Bridge Replace 26.02/26.47 Iona, NJ.

New York

- WNY&PA Railroad-Pearl Street Repair, Wellsville, NY
- NYSDOT - D263433 Emergency Bridge Repair, Region 4.
- NYSDOT - D263435 Emergency Highway Repair, Region 4.
- Norfolk Southern, Bridge Repair, Hornell, NY.

Pennsylvania Jobs

- PADOT/ECMS 4861 Harrison Valley Box Culvert.
- Bradford Building Repairs, Columbia Gas.
- Seneca Emergency Spillway Repairs.
- Delaware Lackawanna RR Girder Repairs.
- PADOT/ECMS 2479-SR 1012 Bridge Warren County.

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AISC UPDATE - JUSTIN FILLHART

The L.C. Whitford Co., Inc. continues to grow in the quality services that it provides to its customers. Three years ago, LCW became a certified fabricator for simple bridges through the American Institute of Steel Construction. Obtaining this certification was not an easy task, but with the dedication of a small group of LCW employees from the shop, to the office, and LCW ownership, we not only passed the initial audit, but have successfully passed the last two yearly audits from AISC as well.

That said, LCW decided that it was time to take our certification to the next step. This year we applied to be listed in the PENNDOT Bulletin 15 as a certified machine shop as well as a certified fabricator for simple bridges. Once again, the LCW AISC Committee put their heads together, figured out what we needed to do, underwent another full audit from PENNDOT, and I am happy to announce that we passed again with flying colors.

LCW now is listed in PENNDOT’s Bulletin 15 as an APPROVED PENNDOT Certified Machine Shop and as an APPROVED PENNDOT Certified Fabricator for simple bridges. We will continue to advance our capabilities and are already looking in to

taking the “Next Step” towards either the AISC Certified Fabricator for intermediate bridges, or obtaining AISC Sophisticated Paint Endorsement. Check back in the near future for more updates.

The LCW Quality Creed: “*We shall strive for excellence in all endeavors. We shall set our goals to achieve total customer satisfaction and to deliver defect-free premium value products on time, with service second to none.*”



CHUCK’S CHUCKLE

Project Managers vs. Accountants

A large construction company sends its staff to attend a conference by train. Each accountant holds a ticket. However, the entire group of project managers has bought only a single ticket. The accountants are just shaking their heads and are secretly pleased that the arrogant project managers will finally get what they deserve.

Suddenly one of the project managers calls out: “The conductor is coming!” At once, all the project managers jump up and squeeze into one of the toilets. The Conductor checks the tickets of the accountants. When he notices that the toilet is occupied he knocks on the door and says: “Ticket please!” One of the project managers slides the ticket under the door and the Conductor continues merrily on his round.

For the return journey the accountants decide to use the same trick. They buy only one ticket for the entire group but they notice the project managers didn’t buy any tickets at all. After a while one of the project managers announces again “The conductor is coming!” Immediately all the accountants race to a toilet and lock themselves in.

All the project managers walk to the other toilet. Before the last project manager enters the toilet he knocks on the toilet occupied by the accountants and says “ticket please”!