The L.C. Whitford Co., Inc.

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The Whitford Quarterly

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SAFETY UPDATE

This Quarter

119,008

Man Hours With

1

Lost Time Accident.

Keep up the good work!!!!!

The L.C. Whitford Co., Inc. is an Equal Opportunity Employer.

The L.C. Whitford Feature Job

TEALL AVENUE / I-690 SOUTH ELEVATION

Teall Avenue and Beech Street, Syracuse, NY

By: Larry Crast

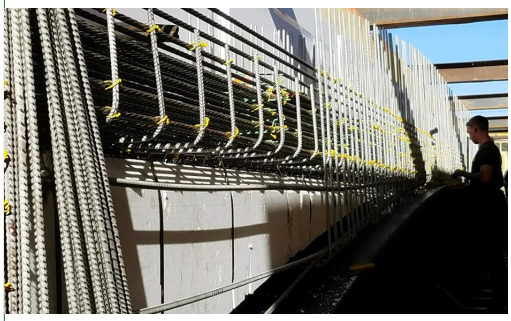
Early in 2017, the New York State Department of Transportation awarded Design-Build contract D900035 to the team of general contractor Crane-Hogan Structural Systems Inc., and Engineer T. Y. Lin International. The contract requires replacement of the existing bridges on Interstate 690 over Beech Street and Teall Avenue in Syracuse, NY. The L.C. Whitford Materials Company worked closely with these companies to provide prestressed concrete beam options during the bidding stage.

In March of this year, Crane-Hogan awarded LCW with a $1.5 million contract to supply beams for both bridges. Half of the beams will be delivered in the fall of 2017 with the remaining beams to be delivered in the summer of 2018. The Teall Avenue bridge consists of (14) 55" New England Bulb Tee girders, 123'- 8" long and two ornamental arched fascia beams. The Beech Street bridge consists of (14) Type 40D NEXT beams, 66'-11" long, and two ornamental arched fascia panels.

The contract has many special requirements. Both bridges require the beams to be stained with a NYSDOT selected color. All of the rebar used will be fabricated from solid stainless steel. The most interesting aspect is the requirement for ornamental arch fascia beams. The ornamental fascia beams for the Teall Avenue Bridge will be the heaviest beams LCW has provided to date at 75 tons. The ends of the beam are 7'-6" tall tapering to 4'-7" high at the center of the span.

The arch beams required the construction of special custom designed forms. The prestressing force of 2.7 million pounds required a complete redesign of the casting bed. LCW personnel fabricated and installed the structural components and fabricated the special curved steel soffit and side forms. The decorative surface profile on the fascia beams will be formed with expanded polystyrene panels, molded to the required shapes.

This job has required a great team effort. Special thanks go to Randy Geffers and the entire team at the Wellsville shop.



Arch Beam

NEBT Beam

Materials Company - Daniel Whitford

The Materials Company has been extremely productive. To the right are items that have been produced to date.

Lookout Pier
Warren County

Beam Erection
Cameron County

Beam Erection
Warren County

Beam Erection
McKean County

New York DOT and County

10	North East Extreme Tees
7	New England Bulb Tees
104	Box Beams
	Decorative Arch Beam

PENNDOT P3 Contract

18	PA Bulb Tees
112	Box Beams

PENNDOT

66	PA Bulb Tees
31	Box Beams
1	Overlook

Equipment Company - Bruce Straight

The Equipment Company has had a busy third Quarter. We attended the Morbark Dealer Meeting in Winn, MI, and LCW received the award for being number one in wear parts sales growth!

We set up a booth at this year's New York State Woodsmen's Field Days. This year was their 70th Annual Show and was well attended by everyone in the forestry business. We had our new Morbark 3400XT Tracked Grinder on display and demonstrated it to several prospective customers after the show.

The LCW Equipment Company sold and delivered two new TimberPro TF830C Forwarders and a TimberPro TL735C Feller Buncher. This makes six new TimberPro machines delivered this year and we currently have three more sold units on order to be delivered before yearend. We also have sold a new Morbark M20R Forestry Tracked Chipper and a used Morbark 6600 Wood Hog that is currently doing Hurricane cleanup work in Miami, FL. Our customers are busy, which should mean lots of business this fall.

Timberpro
Forwarder

Morbark
3400XT

President's Corner - Brad Whitford

I guess I won't say "woe is us, it's October", or "where did the season go?"! That would be cliché, so I won't. In any event, our season has gone mostly according to plan. Despite some difficult labor shortages, we are nearing completion on several very nice PENNDOT projects and have been doing a ton of emergency and job-order-contract work in New York. Our railroad backlog has been steadily increasing and Karl and crew just landed a beautiful $6.5M project in Georgia! As you can see above, the Materials & Equipment Companies have been extremely busy.

Every year the Farmer's Almanac releases predictions for the type of weather the coming year will bring to the United States and the winter results are out. Depending on where you'll be spending most of your winter the results might be good, or not so good. For those of us in the Northeast, the 2018 winter outlook says a cold snowy winter is in store, one that involves more precipitation than usual. This is good news for snow enthusiasts, but less so for those who prefer a mild winter (such as construction folks!). Allegedly, the Southeast can expect the winter to be chilly and wet with a little more snow in the northern part of the region. The Almanac boasts an 80% historical accuracy rate.

Whether it's cold and snowy or chilly and wet, we're hoping to put together enough work to stay busy this winter. Keep up the good work!

Regards,
Brad

GEORGIA UPDATE - KARL YOUNG

GDOT Highway Sign Upgrades on I-20

This is a lengthy sign project stretching 110 miles in one direction from Covington to Augusta, GA. The foundations are complete on the new Type 1 overhead sign structure and seven TP III butterfly structures in Augusta. The structures will be delivered and erected by the end of October. Sixty percent of the special roadside signs and structures are complete along the I-20 corridor. Ninety-five percent of the work will be complete by the end of October. The remaining work, due to change orders, will be completed in November/December once materials are delivered.

GDOT Highway Sign Upgrades on GA 400

This project is very close to our Alpharetta office/shop location. We replaced overhead signs and constructed a new Type 1 overhead sign structure on GA 400 near Holcomb Bridge Rd. We are currently awaiting approval on a change order to construct two more Type 1 sign structures on GA 400. This work, which will double our contract value, will most likely take place in the first quarter of 2018.

Sign Installations for GA State University

We replaced overhead signs and constructed new roadside signs at five different campuses around Atlanta, Ga for Georgia State University. The work took place the last two weeks of July.

Bridge Fence Installation on SR 317 over I-85

LCW was awarded a project by the City of Suwanee to install decorative fencing along the bridge parapets of the SR 317 (Lawrenceville-Suwanee Rd) over I-85. This is a picket style powder coated steel fence with eight lighted "S" signs. We will begin coring new post holes in the existing concrete side barrier by the end of October with a final fence installation completion date of November 17.

Bridge Rehabilitation at Thompson Mill Rd over I-985

GDOT awarded this bridge rehabilitation project to LCW on August 4. We'll be constructing falsework and replacing three pier caps along with the two abutments in conjunction with raising the bridge elevation approximately one foot. The deck will be renovated via hydrodemolition and concrete overlay. In addition, various roadway items will be replaced due to the twelve-inch profile change on Thompson Mill Rd. All falsework and preparatory work will be completed by the end of May 2018. On June 1, when school is officially out, the bridge will be detoured for 45 days to complete all major work operations. Remaining items will be finished by the project completion date of July 31, 2018.

GDOT Emergency Bridge Repairs on I-285

LCW was awarded emergency repair work on two I-285 bridges by GDOT. The joint replacement work was already completed in September. Once Norfolk Southern Railway issues us their Notice to Proceed we will repair the major voids in slope repair under the bridge. We anticipate this erosion repair work to start very soon and be completed in 2-3 weeks.

Norfolk Southern Drainage Improvement in Lovick, AL

LCW was recently awarded this drainage improvement project in Lovick, AL. We'll be relining two 100' long, 10' diameter culvert pipes with 9' diameter corrugated metal pipe. The approximate 1' void will be filled with grout. The work is anticipated to begin in early November and be completed by the end of the year.

Talmadge Bridge Sign Structure Repair

LCW was recently awarded this emergency sign structure repair located at the north end of the Talmadge Bridge in Savannah, GA. We will be replacing the eastern foundation and then re-erecting the existing structure end wall and truss for GDOT. Other roadway items include 40 lf of pipe relining, a drainage structure, curb & gutter, and guardrail. Survey has been completed and shop drawings are awaiting approval. Work should begin in November and be completed by the end of the year.

Holcomb Bridge Exit Sign

17055 Sign Structure Repair

RAILROAD UPDATE - CHUCK MONTANYE

We presently have 11 ongoing projects in seven different states. These vary from simple bridge repairs to total bridge replacements. 2017 was a busy year for our railroad work and we look forward to an even busier workload next year. We are currently looking at additional projects from Maine to Alabama. Attached are some photos of the recently completed span replacement in Attica, New York.

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We're on the Web!
lcwhitford.com

Building Since 1916

Recent Contracts Awarded

Alabama Jobs

- Norfolk Southern - Drainage improvements, Lovick, AL.

Georgia Jobs

- Bartow County - Old Mill Road, bridge repair.
- GADOT - Thompson Mill Road over I-985.
- GADOT - Emergency bridge repair, I-285.
- GADOT - Sign repair, Talmadge Bridge.

Kentucky

- Norfolk Southern - Swing span bearing replacement, Louisville, KY.

New York

- Norfolk Southern - Span replacement, Attica, NY
- Norfolk Southern - Bearing repair, Attica, NY
- Chautauqua County - Bridge repair #894.
- City of Buffalo - Bearing replacement South Park Ave.
- Norfolk Southern - Steel & pedestal repairs, Binghamton, NY
- National Fuel - Waterproofing
- Dolomite Subcontract - Icicle Bridge thrust blocks, Elmira, NY
- Seneca Buffalo Creek - Caulk repairs.

Pennsylvania Jobs

- PADOT/ECMS 10783 - SR 0127 Epoxy overlay, Warren County.
- Norfolk Southern - Span re placement & substructure rehab, Catasauqua, Pa.
- HRI Inc., Sub - Waterproofing SR 3002m, Mifflin County.

Virginia Jobs

- Norfolk Southern - Steel pile bent repairs, Alexandria, VA.

West Virginia Jobs

- Norfolk Southern - Span re placement, Capels, WV

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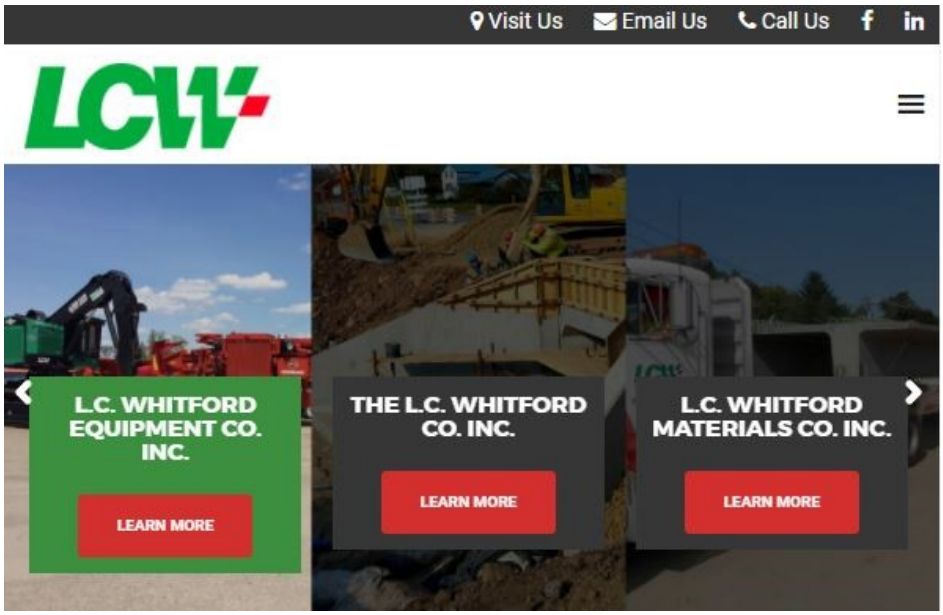
New LCW Website - Sharon Padden

EXCITING NEWS!! The LC Whitford Company Inc. has launched a new website that provides a much needed mobile user friendly scheme. Because we have been in many different states for different types of work, we have decided to stop referring to our construction company division as NY and GA and will now refer to them as Northeast and Southeast divisions. Check out the "About" under corporate and see past quarterly newsletters.

Along with this new website we have also launched a Facebook and LinkedIn page. You can visit the new website at lcwhitford.com. Click on our links for Facebook and LinkedIn to like us and follow us.



Safety Update - Dave Shields

October!!! How did we get this far this fast? This year has been interesting to say the least. From the introduction of new technologies to the activation of new and extended OSHA and other workplace practices, we have been busy. But, we're still here and going strong.

The reason we're going strong is the fact that we have great people doing difficult tasks.

Thanks to Deb Murray, our commercial drivers, and every person who operates a company vehicle, our DOT Safety score is the best that it's been in many years.

In late September we suffered the loss of a bulb-tee beam in a traffic mishap in front of the shop. Our Mechanics, Field Laborers and Operators, Precast staff, Equipment Company personnel and Shop supervision all came together to form an amazing team that controlled the situation flawlessly. We left the scene and returned to our normal duties with The New York State Police, The D.O.T., and other emergency response agencies impressed with our efforts. Thank you to everyone involved.

Remember, we ARE a team, and it is never a bad thing to look out for the safety of a co-worker or to remind him or her to be safe. Perhaps someday they'll return the favor and help YOU to go home safely…

Chuck's Chuckle

DEATH ROW

The chemist was brought forward first. "Do you have anything you want to say?" asked the executioner, strapping him in. "No," replied the chemist. The executioner flicked the switch and nothing happened.

Under State law, if an execution attempt fails, the prisoner is to be released, so the chemist was released.

Then the biologist was brought forward. "Do you have anything you want to say?" "No, just get on with it." The executioner flicked the switch, and again nothing happened, so the biologist was released.

Then the electrical engineer was brought forward. "Do you have anything you want to say?" asked the executioner. "Yes," replied the engineer. "If you swap the red and the blue wires over, you might make this thing work."