

THE WHITFORD QUARTERLY

INSIDE THIS ISSUE:

<i>Feature Job</i>	1
<i>Materials Company</i>	2
<i>Equipment Company</i>	2
<i>President's Corner</i>	2
<i>Georgia Update</i>	3
<i>Safety Update</i>	3
<i>Railroad Update</i>	4
<i>Chuck's Chuckle</i>	4

THE L.C. WHITFORD FEATURE JOB

US 62 over Conrail Rail Road

By: Jacob Knapp

Approximately one month after COVID-19 was declared a Pandemic, the LC Whitford Company was named the “apparent low bidder” for a bridge rehabilitation project located in Warren County, Pennsylvania. Aaron Washburn was able to put together a winning bid while working from home one day, and the office the next, due to the COVID restrictions on capacity in the office. This was the second project, both of them being deck rehabilitations, in PENNDOT District 01 that the LCW Company had won for the 2020 construction season. Caleb Freeman would be the Superintendent for both of these projects. At the time, it was safe to assume things were not going to be ordinary on any project this year, due to COVID. Just out of the ordinary, was yet to be determined.

PENNDOT was shut down to all construction activities, except emergency work, from March 16, 2020 until April 24, 2020. They reopened with new guidelines for contractors to follow, which covered sanitation, social distancing, and overall safety on the projects. ECMS 106585’s project timeline was not during this shutdown period, but the project had already been impacted by the chaos surrounding everyone. The notice to proceed on the job was initially delayed until June 15, 2020, two weeks after it was planned, but LCW was able to work well with PENNDOT to be granted an extension for this time. Our completion date was revised until November 13, giving us 152 days to complete the project.

One of the biggest “struggles” on this job had been in procuring the Right of Entry permit and obtaining flagmen services from the Genesee Wyoming Railroad. We had spent approximately 60% of the completion days procuring these services. Caleb’s crew did not feel an immediate impact of this delay, because they had been working diligently on our other project in District 1 during this procurement period. The time that it took to obtain these services from GWRR had caused LCW to have to remain adaptable. There were meetings on site with PENNDOT to discuss the delays, and we promised we were going to be able to meet a very aggressive schedule to complete the job on time. We had to ask our subcontractors to remain flexible, our guys to work longer hours, and PENNDOT to remain patient.

Upon completing a Supply and Set Box Culvert in McKean, Superintendent Keven Chesner was brought in to help with the aggressive timeline. The project was phased, so that everything that we had to schedule, we had to schedule twice. The operations on this project included work above, and below the bridge. The work above the bridge included pouring new parapets, joint rehab, a latex-modified bridge deck, new guiderail, line striping, and blacktop. Below the bridge we had lots of concrete patching on the piers and abutments. You can see pictures of the excellent

formwork attached.

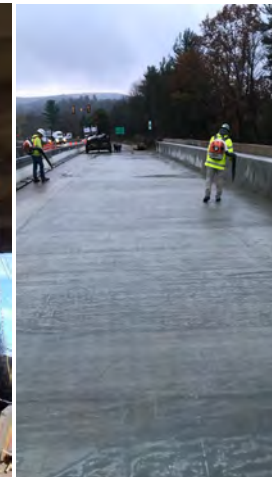
LCW was able to substantially complete the project before the completion date of November 13, 2020 because of the sound preparation and planning done by Caleb and Keven matched with the hard work of their crews.



Pier forming



Manlift Pour



Latex Phase 2



FINAL—COMPLETED REHAB

**SAFETY
UPDATE
This Quarter**

85, 743

**Man Hours
With
0**

**Lost Time
Accident.**

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

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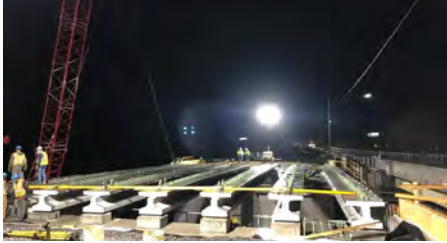
MATERIALS COMPANY - KEVIN SHARPE

The L.C. Whitford Materials Company finished up the 2020 season in October. We had a decent year despite the COVID 19 Pandemic. The 2021 season is looking good with 86 beams on the books.

In October, The Materials Company landed a project on the I-90 corridor in Erie County, PA. There are three bridges with (28) beams being produced in the 2021 season. Two of the bridges are two spans with (10) 33" x 55" PA Bulb Tee Beams and the third bridge is a two span bridge with (8) 33" x 63.25" PA Bulb Tee Beams.

Early in the 2020 season, we were contracted to produce beams for a new client (Francis J. Palo, Inc.) from Clarion, PA. The pictures below showcase their bridge in Clearfield County, I-80 Over SR 0970, Bradford Township. This project consists of (14) 33" x 29.25" PA Bulb Tee Beams. (7) of the beams were produced in the 2020 season and delivered with a night erection to the I-80 East Bound location. The other (7) beams for the West Bound will be produced and delivered in the spring of 2021. Palo was great to work with and we look forward to working with them again in the future.

The Materials Company is excited to see 2021 just around the corner and we have high hopes for a productive season. Merry Christmas and Happy New Year!



EQUIPMENT COMPANY - BRUCE STRAIGHT

The Equipment Company finished another successful year for Equipment Sales. We delivered the second new Morbark 6400XT Tracked Horizontal Grinder in the Fall.

A Morbark 3200 Wood Hog was sold and is working on Staten Island. A used Morbark 4600XL Track Wood Hog was sold and delivered to California.

We also just received our first Morbark 1300B Tub Grinder on Tracks and have demonstrated it to a couple of customers and hope to have it sold soon.

The Parts and Service Departments are busy as always assuring our customers are satisfied.



Morbark 6400XT



Morbark 3200 Wood Hog



Morbark 4600XL

PRESIDENT'S CORNER - BRAD WHITFORD

I suppose you could say that 2020 will be a year that goes down in infamy. It has certainly been a bit of a drag. That said, the Company and our employees have been luckier than most. Whether it feels that way or not, I think it is undeniable. Indeed, we have felt some serious effects from COVID (should be a four-letter word instead of five), but we have been able to continue our work and keep people employed. We haven't had to flee a city and for the most part, we haven't had to disrupt our work environment. All in all, we have been as lucky as you can be.

We have some great projects on the books for next year and we still have several upcoming bids. After a bit of a lull, we are seeing a ton of railroad projects coming down the pike.

I hope everyone had a great Christmas and has a prosperous New Year! Thanks for all of your hard work this year. Please know that it is appreciated.

*Regards,
Brad*

GEORGIA UPDATE - KARL YOUNG

Signs and Striping in District Seven

This is a new GDOT project with several site locations around Atlanta, GA. We are replacing signs and roadway striping at 27 intersections. In addition, we are constructing concrete curb and raised median at most of the locations. Like project #20061 we recently finished in South Georgia, the overall intent is to implement countermeasures for wrong way driving as traffic is entering on-ramps to major highways and interstates. The concrete median and curb work began in November and will continue through the winter as weather permits. The new striping work will be performed when temperatures allow; signs will be installed thereafter. All work should be complete by the end of June.



Median Forms



Median and Signs



SAFETY UPDATE - DAVE SHIELDS

2020! I don't know anyone who is not excited to see this year pass. From "stay at home orders", developing the habit of wearing a mask everywhere and "social distancing" to the political, financial and social upheaval in American culture, our lives have pretty much changed forever.

The good news is that we still need roads and bridges. We still require railroads. We still have to have waste water treatment plants, sound walls, road signs and all of the other "specialty" work that has made The L.C. Whitford Company successful and will continue to do so in the weeks, months and years to come.

Our employees have come through this year with very few "lost time" incidents and a safety record that is the envy of many of our competitors. Our "essential" worker classification has kept us busy and working productively. In comparison with many others, we are very fortunate!

Over the winter and during "lay-off" times there are many training opportunities available on-line and elsewhere. Please contact me if you have certificates, etc. expiring. We'll get together and make it happen!

Be safe and have a Happy New Year!

Dave Shields
Safety Officer

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Building Since 1916

FINAL THOUGHT

“Life is like riding a bicycle. To keep your balance, you must keep moving.”

~Albert Einstein

**RECENT
CONTRACTS
AWARDED**

Georgia

- GADOT– Whitfield Bridge rehabilitation, US 411, SR 3 over Coronet Drive.
- GADOT– Bibb & Monroe County Signs.
- Georgia, Savannah & Old Fort Railroad repair multiple bridges, Savannah, GA.

New York

- City of Elmira - Main Street bridge over the Chemung River bridge rehabilitation,

North Carolina

- Norfolk Southern - Arch repair, Kinston, NC.

Pennsylvania

- Norfolk Southern - Repair two bridges, Nicholson, PA.

Virginia

- Norfolk Southern–Beam span replacement, Harrisonburg, VA
- Norfolk Southern–Bridge replacement, Remington, VA.
- Dominion - Poland Road Sub station, VA
- Dominion - Farmwell Substation, VA.

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RAILROAD UPDATE - DAVE FAULKNER



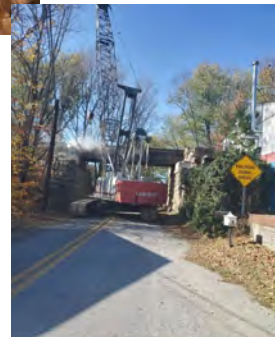
Shenandoah Junction, West Virginia

The L.C. Whitford Company performed seven span replacements this year with four of the span replacements occurring in a 45 day period. Shenandoah Junction was the last span replacement to take place in that 45-day period and for the year 2020.

The span was relatively heavy for a short span which made it difficult to find a hydraulic crane that would lift the span and have a foot print that would fit between the abutment and wingwalls. After numerous inquiries, we knew our only option was a crawler crane. Our link-belt crawler wasn't large enough to pick the new span and place it. The bridge was being shipped in three sections which our crawler could easily handle each section.

Dean Ingalls suggested assembling the bridge in place. Dean had just performed a double outage where half the bridge was installed during the first outage and the other half was installed during the second outage. He was confident that he could assemble the sections in our allotted time of ten hours. This included assembling the diaphragms between each section and welding the deck plates at the joints. The deck plates ran the length of the bridge and waterproofing had to be applied on each joint. Needless to say, Dean, Rob and their crews

completed the span replacement with time to spare. Another job well done! Thank you Dean, Rob, and their crews for finding solutions to difficult tasks and always having a “can do” attitude.



CHUCK'S CHUCKLE

A LIFE LESSON

Miss Betterthanhou had decided to give her class a life lesson.

She set up four test tubes on a table and filled them.

The 1st with beer

The 2nd with wine

The 3rd with whiskey

The 4th with mineral water

Into each test tube she placed a live worm and told the class they would review the results the next day. The results were:

The 1st with beer, The worm was dead.

The 2nd with wine, The worm was dead.

The 3rd with whiskey, The worm was dead.

The 4th with mineral water, The worm was alive and well.

The teacher asks her class, “What do we learn from this experience?”

Young Bradley quickly raised his hand and responds. “Whoever drinks beer, wine, and whiskey will not get worms.”