



McGrath Rail LLC PO Box 4502 Tulsa, OK, 74159 (O) 918-583-4003

February 14, 2022

City of Clinton, Oklahoma
C/O Ms. Summer Pennington
600 S. 28th Street
Clinton, OK 73601

RE: Centennial Train Track Maintenance – Proposal #COC20220214A

Dear Ms. Pennington,

Thank you for allowing McGrath Rail to view the site on January 18, 2022. We are pleased to present a proposal for track maintenance as well as suggestions moving forward.

The background provided to McGrath included: 1) initial track construction circa 2003 2) The line last operated circa 2019 3) a washout undermined a portion of the track on the south side of the property within the last 2-3 years.

Additional background: 1) Approximately 5,315 Track Feet of distance 2) Ties spaced sporadically from 18.5" to 22" 3) Estimated approximately 3,200 crossties 4) Ties are 6"x6"x42" (approximately). 5) Approximately 354 joints 6) 20# Rail. 7) one timber bridge approximately 250' long 8) one tunnel approximately 100' long 9) four paved crossings. 10) 24" Gage Track

Observations

First, we would like to address the crossties. While the average life of a creosote treated hardwood railroad crosstie is 20-25 years, the green-treated softwood crosstie specified by the train manufacture can often vary due to numerous reasons including climate and saturation level adjacent to the tie. What McGrath observed was numerous areas in both tangent track sections and curved track sections of crossties beginning to show signs of failure. Multiple times, while measured statically (without constant lateral force), the gage of the track showed variations in the gage between +1/8" to + 1/4". However, some joints were noted as "peaked" with a gage of 24-7/16".

While the manufacture does not specify a tolerance in their manual, it is widely accepted that gage >24-1/2" should take the track out-of-service until remediated.

Second, we would like to address the unique feature of the timber bridge. In fact, this bridge might be one of a few, if not the only timber bridge on 24" gage in the entire United States. McGrath observed the bridge deck in a rather deficient state. The bridge deck should be replaced prior to operating a vehicle hauling passengers, specifically in case of a need to disembark the train while on the bridge. Additionally, McGrath would highly recommend the bridge be inspected by a licensed Professional Engineer in the State of Oklahoma and have a bridge inspection report issued prior to re-activating the transportation system.

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Third, McGrath was most keen on issues where the track was undermined on the south side of the property, specifically south of the large pond. As acknowledged by the owner while on site, the shoulders and cribs of the track are lacking sufficient ballast, as well as the bridge approaches. Additional ballast should be hauled in, placed, and tamped in order to stabilize the track in these areas. While tamping is taking place, the super elevation of the curves should be restored as well.

As with all rail lines, railroads and transportation systems require constant maintenance. As discussed in the field, McGrath would suggest creating an annual maintenance budget for the Centennial Train Track.

McGrath proposes the following maintenance items be addressed:

- 1) Clean the flange ways at each paved crossing
- 2) Restore the super elevation in approximately 1,500 Track Feet (Area south of the large pond [approximately 750'] and area SW of asphalt vehicle crossing [approximately 750'])
- 3) Install approximately 375 EA crossties
- 4) Deliver, distribute, and tamp approximately 30 Tons of ballast
- 5) Licensed Professional Engineer in State of Oklahoma to inspect and submit bridge inspection report.
- 6) Re-deck the bridge (by others)

The price to perform this work is \$64,995.97. The payment terms for this project are Net 15 Calendar Days upon receipt of invoice. Due to volatility in commodities, this pricing is good for 15 calendar days.

Additionally, McGrath explored alternatives to timber crossties. Steel crossties can be utilized in lieu of a timber crosstie. This would nearly eliminate the need for concern of tie failure in the future. The price to install steel crossties in lieu of timber crossties is an additional \$11,100.00.

The McGrath Family is in their 6th generation of "Building Railroads across America since 1865." McGrath is based out of Tulsa, Oklahoma and is certified as a Minority Business Entity (MBE) through the Oklahoma Department of Transportation.

We would be happy to address any questions.

McGrath Rail LLC

Jon Michael McGrath II
Vice President

"Building Railroads across America since 1865"

From: Summer Pennington Summer.Pennington@clintonok.gov
Subject: Fw: American Track Proposal
Date: Mar 28, 2022 at 11:16:04
To: Robert Johnston Robert.Johnston@clintonok.gov

Here is the proposal from American Track. Let me know what you think.

I also left the three office quotes in your box.

Thanks!

From: Jason Jones <jjones@americantrack.com>
Sent: Monday, March 28, 2022 10:04 AM
To: Summer Pennington <Summer.Pennington@clintonok.gov>
Subject: American Track Proposal

Summer,

Attached is American Tracks proposal to complete the work for the City of Clinton. American Track has bid to change every 5th tie on the track. The bridge should probably be inspected by a certified engineer and be documented. I did not include in my bid to re-deck the bridge. Thank you for contacting us and allowing us to give you a proposal on this project.

Thank you,



Jason Jones
Cell: 817.716.4614 | jjones@americantrack.com
4909 West 41st Street, Tulsa, OK 74107
www.americantrack.com

pdf

Clinton, OK...-28-22.pdf
181 KB



4909 west 41st Street South
Tulsa, OK 74107

March 28, 2022

Ms. Summer Pennington
City of Clinton, OK
600 South 28th Street
Clinton, OK 73601

RE: Centennial Train Track Maintenance

Ms. Pennington,

American Track is pleased to submit to you the following proposal to complete the maintenance to the Centennial Train Track located in Clinton, OK. American Track will supply all necessary labor, equipment, materials, and supervision to complete the following:

- **Change Ties**
 - American Track will change every 5th tie in the 5,315 track feet that is currently out of service.
 - All ties removed will be disposed of using a roll-off dumpster.
 - **Materials used:**
 - 600- 6"x6"x3'6" creosote treated hardwood crossties
 - 10 kegs of spikes

Cost: \$42,833.00

- **Clean Flange Ways**
 - American Track clean the flangeways on all four crossings using a power washer and air compressor.

Cost: \$876.00

- **Washout Repair**
 - American Track will repair the two areas that that have been washed out and have elevation deficiencies approximately 750 feet in the area South of the pond and approximately 750 feet in the area Southwest of the asphalt vehicle crossing.
 - American Track will also place ballast at both bridge approaches where it is lacking sufficient ballast.
 - American Track will use 30 tons of 1" clean ballast to raise and backhoe tamp the track to proper elevation.
 - **Materials used:**
 - 30 tons of 1" clean ballast

Cost: \$8,194.00

Mobilization

- All crew members and equipment will be mobilized to and from the job site.
- We estimate 5.5 working days to complete this project.

Cost: \$6,584.00

Lump Sum Cost \$58,487.00

Notes

- American Tracks Terms are net 30
- This proposal is good for 30 days from date of submittal.
- I do agree that the bridge should be inspected by a licensed professional engineer in the State of Oklahoma.
- All ties removed will be disposed of using roll-off dumpsters.

Thank you for the opportunity to submit this proposal. Please feel free to contact me with any questions on this proposal via email at jjones@americantrack.com or by phone at (817) 716-4614

Thank you,



Jason Jones

Cell: 817.716.4614 | jjones@americantrack.com
4909 West 41st Street, Tulsa, OK 74107
www.americantrack.com

Robert Johnston

From: Summer Pennington
Sent: Thursday, March 31, 2022 2:32 PM
To: Robert Johnston
Subject: Fw: Revised quotation for ACME Park Railroad Track.

Here is Crafton's quote!

From: dc@craftonrr.com <dc@craftonrr.com>
Sent: Thursday, March 31, 2022 2:15 PM
To: Summer Pennington <Summer.Pennington@clintonok.gov>
Subject: Revised quotation for ACME Park Railroad Track.

Summer,

This quote is with regard to maintenance repairs to the track at the City Park. After reviewing the pictures you sent showing tie condition and over all track structure. I would propose the following work and materials.

SCOPE OF WORK:

1. MOBILIZE CREW AND EQUIPMENT TO CLINTON, OK PARK.
2. FURNISH AND INSTALL 200 NEW RAILROAD TIES 6" X 6" X 4' AROUND THE TRACK IN THE MOST NEEDED AREAS. OLD TIES WILL BE PUT INTO YOUR FURNISHED DUMPSTER FOR REMOVAL FROM PARK.
3. FURNISH NEW 1/2" X 4-1/2" TRACK SPIKES FOR TIES INSTALLED.
4. GO AROUND THE TRACK CHECKING AND CORRECTING THE TRACK GAUGE.
5. SPOT RAISE AND TAMP LOW SPOTS AND TRACK OUT OF LEVEL.
6. SPREAD YOUR FURNISHED 3/4" CLEAN ROCK ON THE TRACK AS NEEDED TO RESTORE PROPER TRACK SECTION.
7. REMOVE ANY KINKS IN THE TRACK AND TIGHTEN ANY LOOSE TRACK BOLTS, REPLACE ANY THAT WILL NOT TIGHTEN.

ITEMS NOT INCLUDED IN THIS QUOTE:

1. 3/4" CLEAN ROCK.
2. ENGINEERING, DITCH WORK, DRAINAGE, SEEDING ETC.
3. ANY STATE OR CITY PERMITS TO DO THIS WORK.
4. ANYTHING NOT MENTIONED IN THE SCOPE OF WORK.

TOTAL PRICE: \$ 58,670.00

NOTE: TIME TO ACCEPT THIS WORK AND ORDER THE MATERIALS IS 15 DAYS. ALL SUPPLIERS WILL ONLY HOLD THE PRICE FOR THAT PERIOD OF TIME AS WELL AS THE FREIGHT COSTS.

IF YOU APPROVE THIS PROJECT LET ME KNOW AND WE WILL SEND YOU THE CONTRACT AND GET THE MATERIALS SECURE.

THANK-YOU,

Dan Crafton, President
Crafton Railroad Company, Inc
224 2nd Ave E
Andalusia IL 61232
309-781-0430