

June 25, 2020

Mr. Tom Clutinger
LPDRA
1600 Lake Purgatory Drive
Durango, Colorado

Subject: Lake Purgatory Bridge Repair
Re: Bridge Repair Design Capacity

Dear Tom:

Goff Engineering & Surveying (Goff) provided Construction Drawings to repair the Lake Purgatory Subdivision Bridge, and increase the bridge load capacity. The Bridge Repair construction is now complete, and we have provided our final inspection report for the bridge construction.

As indicated under "STRUCTURAL DESIGN DATA" in the construction drawings, the bridge repair increased the existing bridge load capacity to be in compliance with the current La Plata County and Colorado Department of Transportation building codes.

The bridge is designed for the self-weight of the structure, plus the AASHTO HS20-44 and HL93 Tandem vehicle live loads, including the 640 plf lane live load over a 10-foot width. Since the existing bridge repair increased the bridge load capacity to the current building code level, load limit signs for the bridge are not required.

Please contact us if you have any further questions or requests for the project.

Sincerely,
Goff Engineering & Surveying Inc.



Garth Glasco, P.E., S.E.

