

From: [Marx, Elmer E \(DOT\)](#)
To: [Hutchinson, Jonathan J \(DOT\)](#)
Cc: [Maybrier, Scott L \(DOT\)](#); [Beck, Albert M L \(DOT\)](#); [Owen, Larry M \(DOT\)](#); [Pratt, Richard A \(DOT\)](#)
Subject: RE: Totchaket Bridges
Date: Tuesday, November 30, 2021 3:38:19 PM
Attachments: [1557 Routine 2020.pdf](#)
[1558 Routine 2020.pdf](#)
[1559 Routine 2020.pdf](#)
[1557 FC 2020.pdf](#)
[1558 FC 2020.pdf](#)
[1559 FC 2020.pdf](#)

Hi Jonathan,

I have attached the most recent bridge inspection reports for the three bridges. The inspection reports contain work candidates for each bridge. These are two-girder systems so are classified as “fracture critical” (FC) bridges so I have attached the most recent FC inspection as well.

According to our records, the owner and custodian is the “City or Municipal Highway Agency” – that is, not the AKDOT&PF.

The bridge are not load posted and should be able to accommodate legal highway loads. That said, if the abutments continue to settle, vehicles may not be able to easily cross.

I visited the bridge sites last July and noted that the running planks are in poor condition and the timber abutments continue to settle (a lot). The bridges are quite narrow (one-lane) and do not have compliant bridge railing. In general, I’d say the steel girders are in good condition but that the deck, running planks and timber abutments are not in good condition.

Larry Owen is the Bridge Management Engineer and can provide additional information about ownership, maintenance and load limits. I’ve also included Rich Pratt to keep him informed of the project.

Please let Larry, Rich or me know if you need anything more.

Regards,

Elmer
465-6941

From: Hutchinson, Jonathan J (DOT) <jonathan.hutchinson@alaska.gov>
Sent: Tuesday, November 30, 2021 3:05 PM
To: Marx, Elmer E (DOT) <elmer.marx@alaska.gov>
Cc: Maybrier, Scott L (DOT) <scott.maybrier@alaska.gov>; Beck, Albert M L (DOT) <albert.beck@alaska.gov>
Subject: Totchaket Bridges

Hey Elmer,

We have a project to rehab the existing Totchaket Road and construct another new 21 miles of road. State funded.

We are just now starting the project and want to understand the condition(s) of the three bridges located on Totchaket Road No 1557, 1558, 1559.

Any limitations for construction use we should be aware of, such as narrow widths or load limits/restrictions?

Do any of the bridges require improvements to the sub or superstructure?

Do you know who owns and maintains them?

Thanks,
Jonathan