

From: [Brian Trenner](#)
To: [Sean Jenq](#)
Cc: [Nikhil Khedekar](#)
Subject: RE: 6A comment disposition
Date: Monday, March 8, 2021 7:49:00 PM
Attachments: [jpac001.png](#)
[FRA-76-13-18 - FRA-76-1322 and FRA-76-1323C Bridge Structure - Revised 3-18-21.pdf](#)

[EXTERNAL MESSAGE] This message has originated outside of ms consultants. Do not open attachments or click on links from unknown or unexpected senders.

Sean,

The revised report for that structure is attached for your reference.

Thanks!

Brian Trenner
Resource International, Inc.
317-536-5768

From: Jenq, Sean <sjenq@msconsultants.com>
Sent: Monday, March 8, 2021 7:42 PM
To: Brian Trenner <btrenn@resourceinternational.com>
Cc: Nikhil Khedekar <cnikhil@resourceinternational.com>
Subject: RE: 6A comment disposition

Thanks, Brian. We will take a look at 1323C comments and may need some information from you.

Sean Jenq, PhD, PE
[ms consultants, inc](#) | engineers, architects, planners
2221 Schrock Rd., Columbus, Ohio 43229

p: 614-898-7100
f: 614-898-7570
e: sjenq@msconsultants.com
Connect: [Facebook](#) | [Twitter](#) | [LinkedIn](#) | [ms Blog](#)



[Sign up to receive our email newsletter](#)

Notice of Confidentiality: "This e-mail and any of its attachments may contain proprietary information, which is privileged, confidential, or subject to copyright belonging to ms consultants, inc. This e-mail is intended solely for the use of the individual or entity to which it is addressed. If you are not the intended recipient of this e-mail, you are hereby notified that any dissemination, distribution, copying, or action taken in relation to the contents of and/or attachments to this e-mail is strictly prohibited and may be unlawful. If you have received this e-mail in error, please notify the sender immediately and permanently delete the original and any copy of this e-mail and any printout."

From: Brian Trenner [[aalt@bctrenn@resourceinternational.com](mailto:btrenn@resourceinternational.com)]
Sent: Monday, March 8, 2021 7:36 PM
To: Jenq, Sean <sjenq@msconsultants.com>
Cc: Nikhil Khedekar <cnikhil@resourceinternational.com>
Subject: RE: 6A comment disposition

[EXTERNAL MESSAGE] This message has originated outside of ms consultants. Do not open attachments or click on links from unknown or unexpected senders.

Sean,

We included calculations for the settlement along Wall E7 and E10 for the cellular concrete fill walls. We also have recommendations for geofoam sections indicating the required undercut depths for the sections over the Franklin Main such that there would be no net loading on the sewer line. Nikhil also recently provided markups for the cross sections along I-70 WB indicating undercut depths that result in no net loading for this area where the geofoam blocking will be used. So, this should be resolved.

I provided responses to all of the 6A geotechnical comments to Nikhil for his response to the design items. There will be one unresolved comment for the FRA-70-1358L structure [Comment 904] regarding the downdrag loads for the abutment piles. We are still coordinating with Alex Dettloff with OGE to resolve this comment, and they have requested CPT testing to be performed by their internal crews to get additional data of the lower clay (A-7-6) soils, which are resulting in the long wait periods for settlement to occur. This likely will not be resolved for a few weeks unless their crew is available in the short term.

Also, comments 714 through 731 were assigned to myself (Trenner, Ril), but these comments are for the design sheets that were prepared by ms, so I cannot respond to them.

Let me know if you need anything else at this time.

Thanks!

Brian Trenner
Resource International, Inc.
317-536-5768

From: Jenq, Sean <sjenq@msconsultants.com>
Sent: Monday, March 8, 2021 7:21 PM
To: Brian Trenner <btrenn@resourceinternational.com>
Cc: Nikhil Khedekar <cnikhil@resourceinternational.com>
Subject: 6A comment disposition

Brian,

Not sure you have the answer to the following 6A/6R comment. Has the comment been resolved in 6R/4R plans or needed to be addressed in 6A?

BOTH	1212	COC DOSD	Cawley	N/A	Please provide the fill and settlement calculations for the Franklin Main where it crosses under I-70.	Closed	The calculations will be provided when the final design is complete. Coordination with Project 4R/4A will be required to coordinate methodology on use of lightweight fill materials and/or ground support design.	GLG
------	------	----------	--------	-----	--------------------------------------------------------------------------------------------------------	--------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----

Thanks.

Sean Jenq, PhD, PE
[ms consultants, inc](#) | engineers, architects, planners
2221 Schrock Rd., Columbus, Ohio 43229

p: 614-898-7100
f: 614-898-7570
e: sjenq@msconsultants.com
Connect: [Facebook](#) | [Twitter](#) | [LinkedIn](#) | [ms Blog](#)



[Sign up to receive our email newsletter](#)

Notice of Confidentiality: "This e-mail and any of its attachments may contain proprietary information, which is privileged, confidential, or subject to copyright belonging to ms consultants, inc. This e-mail is intended solely for the use of the individual or entity to which it is addressed. If you are not the intended recipient of this e-mail, you are hereby notified that any dissemination, distribution, copying, or action taken in relation to the contents of and/or attachments to this e-mail is strictly prohibited and may be unlawful. If you have received this e-mail in error, please notify the sender immediately and permanently delete the original and any copy of this e-mail and any printout."