

**From:** Frierson, Tymli (FHWA)  
**To:** Mohamedali, Mustafa  
**Cc:** Moeckel, Tim; Huang, Shin-Che (FHWA); Sergeson, Patricia (FHWA)  
**Subject:** RE: TPF5-343 MASH - Closure Discussion  
**Date:** Friday, October 6, 2023 7:44:35 AM  
**Attachments:** [image001.jpg](#)  
[image002.png](#)

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Hi Mustafa,

Your 6-month extension request for TPF 5-(343) is approved.

Other than updating the end date to June 30, 2024 on the TPF website, no other actions are needed at this time.

Thank you,  
Tymli

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**From:** Mohamedali, Mustafa <MohameM@wsdot.wa.gov>  
**Sent:** Friday, October 6, 2023 9:55 AM  
**To:** Frierson, Tymli (FHWA) <tymli.frierson@dot.gov>  
**Cc:** Moeckel, Tim <moeckeT@wsdot.wa.gov>; Huang, Shin-Che (FHWA) <shin-che.huang@dot.gov>; Sergeson, Patricia (FHWA) <patricia.sergeson@dot.gov>  
**Subject:** RE: TPF5-343 MASH - Closure Discussion

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That is correct Tymli—there are no commitments for 2024 and there will be no additional funds obligated. The extension will enable us to draw on the funds already obligated and deliver on partner and stake-holder expectations.

Thank you so much for your understanding and accommodation. Please advise next steps, if any, to formalize this.

Sincerely,  
Mustafa

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**From:** Frierson, Tymli (FHWA) <tymli.frierson@dot.gov>  
**Sent:** Friday, October 6, 2023 4:17 AM  
**To:** Mohamedali, Mustafa <MohameM@wsdot.wa.gov>  
**Cc:** Moeckel, Tim <moeckeT@wsdot.wa.gov>; Huang, Shin-Che (FHWA) <shin-che.huang@dot.gov>; Sergeson, Patricia (FHWA) <patricia.sergeson@dot.gov>  
**Subject:** RE: TPF5-343 MASH - Closure Discussion

Hi Mustafa,

I hope all is well.

Just confirming there wouldn't be any additional funds added during the extension for TPF-5 (343)? If no additional funds, I don't see an issue with extending the time (**6-month extension to end June 30, 2024**) to be able to finalize the work and close the project.

Thanks,

**Tymli Frierson**  
Acting Transportation Pooled Fund Program Manager  
FHWA | Office of Corporate Research, Technology, and Innovation Management  
(317) 223-2340 | [Tymli.Frierson@dot.gov](mailto:Tymli.Frierson@dot.gov)



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**From:** Mohamedali, Mustafa <MohameM@wsdot.wa.gov>  
**Sent:** Friday, October 6, 2023 1:00 AM  
**To:** Frierson, Tymli (FHWA) <tymli.frierson@dot.gov>  
**Cc:** Moeckel, Tim <moeckeT@wsdot.wa.gov>; Huang, Shin-Che (FHWA) <shin-che.huang@dot.gov>; Sergeson, Patricia (FHWA) <patricia.sergeson@dot.gov>  
**Subject:** RE: TPF5-343 MASH - Closure Discussion  
**Importance:** High

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Hi Tymli,

I guess Tricia is out through Jan 2024!  
Grateful for your advice on how to move forward with this important work.

Sincerely,  
Mustafa

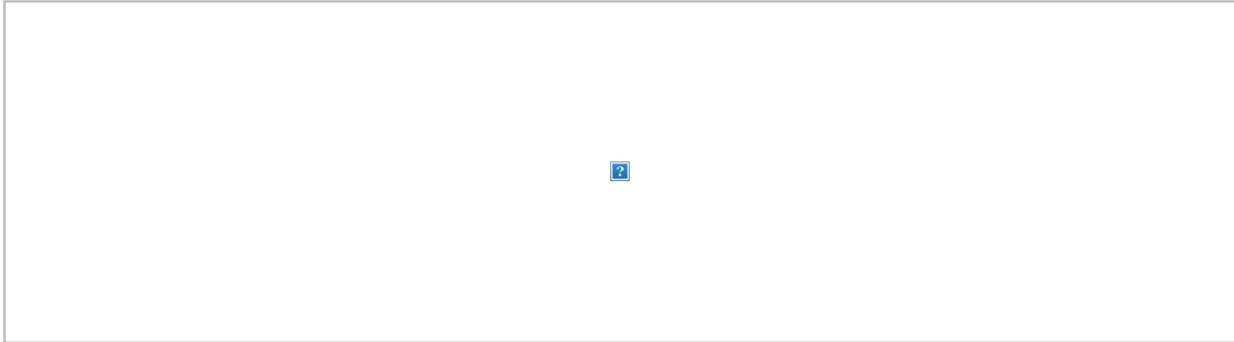
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**From:** Mohamedali, Mustafa  
**Sent:** Thursday, October 5, 2023 6:31 PM  
**To:** 'Sergeson, Patricia (FHWA)' <patricia.sergeson@dot.gov>  
**Cc:** Moeckel, Tim <moeckeT@wsdot.wa.gov>; Huang, Shin-Che (FHWA) <shin-che.huang@dot.gov>  
**Subject:** RE: TPF5-343 MASH - Closure Discussion

Hi Tricia,

To follow-up on our earlier discussions on this subject (see email string below).

Having entered the final quarter of the above program we had a meeting yesterday with the researchers (TTI of TX) and WSDOT SME (Tim Moeckel) to take another comprehensive look at the overall fiscal picture and the technical status of 17 active projects and tasks:



We had a broad agreement that an extension would indeed enable us to complete the ongoing work in a more reasonable manner especially allowing for review and approval times for final reports and to give us an opportunity to re-examine a couple of crucial failed crash-tests. An extension would also allow us and the researchers complete a summary report that will pull together the full gamut of research results and lessons learned over the duration of this program. We believe this would add significant value even to the wider MASH community.

**We would therefore like to request 6-month extension to the program to end June 30, 2024** from the current end-date of Dec 31, 2023. If approved we will extend our master agreement with TTI and active task orders for ongoing work as appropriate.

We look forward to your approval soon to enable us process the above in good time before they start to expire.

Thank you for your consideration, please let me know if you have any questions.

Sincerely,  
Mustafa

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**From:** Sergeson, Patricia (FHWA) <[patricia.sergeson@dot.gov](mailto:patricia.sergeson@dot.gov)>  
**Sent:** Wednesday, June 28, 2023 7:16 AM  
**To:** Mohamedali, Mustafa <[MohameM@wsdot.wa.gov](mailto:MohameM@wsdot.wa.gov)>  
**Cc:** Moeckel, Tim <[moeckeT@wsdot.wa.gov](mailto:moeckeT@wsdot.wa.gov)>; Huang, Shin-Che (FHWA) <[shin-che.huang@dot.gov](mailto:shin-che.huang@dot.gov)>  
**Subject:** RE: TPF5-343 MASH - Closure Discussion

Thanks Mustafa,

Confirming receipt, I believe this captures all the items we discussed.

Let me know if I can help with anything else.

-Tricia

**Tricia Sergeson**, MPA, PMP  
Transportation Pooled Fund Program Manager | SPR-B Point of Contact  
FHWA | Office of Corporate Research, Technology, and Innovation Management  
(202) 493-3166 | [Patricia.sergeson@dot.gov](mailto:Patricia.sergeson@dot.gov)  
[Chat with me on Teams!](#)



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**From:** Mohamedali, Mustafa <[MohameM@wsdot.wa.gov](mailto:MohameM@wsdot.wa.gov)>  
**Sent:** Thursday, June 22, 2023 6:19 PM  
**To:** Sergeson, Patricia (FHWA) <[patricia.sergeson@dot.gov](mailto:patricia.sergeson@dot.gov)>  
**Cc:** Moeckel, Tim <[moeckeT@wsdot.wa.gov](mailto:moeckeT@wsdot.wa.gov)>  
**Subject:** TPF5-343 MASH - Closure Discussion  
**Importance:** High

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Hi Tricia, to follow-up on our meeting earlier today here's a summary of discussions and follow-up action items:

**Agenda:**

1. Current snap-shot (completion by end-Dec 2023):
  - a. 16 projects ongoing at the moment
  - b. As of end-May there was \$2.1m or 62% worth of currently contracted project work left to complete between now and year-end.
  - c. This would require a burn rate of \$300k/mo. approx.
  - d. Research institution's record of workload accomplished over the years has been in the range of about \$1m/year = \$83k/mo. approx. Many projects have needed time

extensions during this time.

2. How we got here:

- e. Program received a windfall of obligations in arrears towards the end of 2022
- f. In collaboration with partner states and TTI we embarked on tasks and projects that had we had been unable to initiate due to limitation on available funds
- g. TTI recently lost two key PI staff.
- h. Grad students who may be contracted to help may not be available until schools reopen in Sep
- i. Many TPF5-501 Phase 3 projects have already been initiated and this may put additional strain on resources
- j. CT-DOT supp alone is valued at \$500k approx. is running in parallel under the master agreement that must also be complete by end-Dec 2023

3. Potential risks:

- k. Unfinished projects and reports
- l. Accelerated wrap-up without enough time for QA/QC, review and ratification by SMEs

**Agreements:**

4. The following mitigation measures were discussed and agreed in principle:

- m. Meet with TTI to share concerns and review their plan for completion
- n. Program extension by 6 months to end-June 2024 if necessary

**Follow-up action items:**

- 5. Meet with TTI per 4(a)
- 6. If program extension is deemed necessary:
  - o. Review program end-date in FMIS system
  - p. Inform local FHWA division office and update SPR work program
  - q. Update TTI contract agreement end-date
  - r. Issue task order time extensions for critical projects

Thank you so much for your time, advice and cooperation. Please let me know if I missed anything or if there's an error in the record.

Sincerely,

Mustafa Mohamedali P.E. M.ASCE PMP  
Research Manager/Engineering  
[WSDOT Research Office](#)  
Olympia WA

360-704-6307  
360-556-3332 telework cell

*Turning ideas into solutions... keep on innovating!*

-----Original Appointment-----

**From:** Mohamedali, Mustafa  
**Sent:** Tuesday, June 20, 2023 7:26 AM  
**To:** Mohamedali, Mustafa; Sergeson, Patricia (FHWA); Moeckel, Tim  
**Subject:** TPF5-343 MASH - Closure Discussion  
**When:** Thursday, June 22, 2023 11:30 AM-12:00 PM (UTC-08:00) Pacific Time (US & Canada).  
**Where:** Microsoft Teams Meeting

Here we go... (correct date Thu 6/22—my error)

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(FHWA) <[patricia.sergeson@dot.gov](mailto:patricia.sergeson@dot.gov)>

2023 7:18 AM

afa

3 MASH - Closure Discussion

No worries Mustafa I know how that goes. Are these times in Pacific?

If that's the case, I can meet Thursday 6/24 11:30-1:00.

Thanks!

-Tricia

**From:** Mohamedali, Mustafa <[MohameM@wsdot.wa.gov](mailto:MohameM@wsdot.wa.gov)>  
**Sent:** Tuesday, June 20, 2023 8:16 AM  
**To:** Sergeson, Patricia (FHWA) <[patricia.sergeson@dot.gov](mailto:patricia.sergeson@dot.gov)>  
**Cc:** Moeckel, Tim <[moeckeT@wsdot.wa.gov](mailto:moeckeT@wsdot.wa.gov)>  
**Subject:** RE: TPF5-343 MASH - Closure Discussion

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Just as well Tricia... some dates/times already changed:

**30 min** meeting during any one of these time slots:

- Wed 6/21 9:30-10:30
- Thu 6/24 8:00-9:00
- Thu 6/24 11:30-1:00

Sincerely,

Mustafa

**From:** Sergeson, Patricia (FHWA) <[patricia.sergeson@dot.gov](mailto:patricia.sergeson@dot.gov)>  
**Sent:** Tuesday, June 20, 2023 6:15 AM  
**To:** Mohamedali, Mustafa <[MohameM@wsdot.wa.gov](mailto:MohameM@wsdot.wa.gov)>  
**Cc:** Moeckel, Tim <[moeckeT@wsdot.wa.gov](mailto:moeckeT@wsdot.wa.gov)>  
**Subject:** RE: TPF5-343 MASH - Closure Discussion

Hi Mustafa,

Thanks for reaching out, it would be great to discuss TPF-5 (343). For some reason the poll feature isn't working for me. Would you mind sending the times?

Thanks,

-Tricia

**Tricia Sergeson, MPA, PMP**

Transportation Pooled Fund Program Manager|SPR-B Point of Contact

FHWA |Office of Corporate Research, Technology, and Innovation Management

(202) 493-3166 | [Patricia.sergeson@dot.gov](mailto:Patricia.sergeson@dot.gov)

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**From:** Mohamedali, Mustafa <[MohameM@wsdot.wa.gov](mailto:MohameM@wsdot.wa.gov)>  
**Sent:** Thursday, June 15, 2023 6:02 PM  
**To:** Sergeson, Patricia (FHWA) <[patricia.sergeson@dot.gov](mailto:patricia.sergeson@dot.gov)>  
**Cc:** Moeckel, Tim <[moeckeT@wsdot.wa.gov](mailto:moeckeT@wsdot.wa.gov)>  
**Subject:** TPF5-343 MASH - Closure Discussion  
**Importance:** High

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Hi Tricia—

As we draw the above extensive and complex program to a close with a target date of Dec 31, 2023, we would like to review and share with you the current status, potential schedule risks and causes, and possible mitigation measures that we would like to share. Please note that we are continuing this effort with a slightly modified scope under the new TPF5-501 Pooled Fund which started Sep 2022.

Tim and I have the following availability\* in the next couple of weeks, please let us know the most suitable time for you.

\* PS: I am using Outlook's poll feature—please let me know if you encounter any issues.

Thank you,

Mustafa Mohamedali P.E. M.ASCE PMP

Research Manager/Engineering

[WSDOT Research Office](#)

Olympia WA

360-704-**6307**

360-556-3332 telework cell

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**Scheduling poll**

**TPF5-343 MASH - Closure Discussion**

30 minutes duration

6 time options

Online

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