

From: [Tkachuk, Tyler](#)
To: [Von Holdt, Crystal L - DNR](#); [Cunningham, Brian J - DNR](#); [Allness, Michele M - DNR \(Shelly\)](#)
Cc: [Larson, Zachary](#)
Subject: RE: Requesting more info: Epic's West Road state application
Date: Monday, April 8, 2024 1:11:52 PM
Importance: High

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Hi Crystal/Michelle,

Can we please request a meeting to run through our interpretation of the comments provided? With the tight turnaround this week we just want to ensure we are on the same page. **Are you able to meet today/tomorrow?** Shawn is out Wednesday-Friday this week regarding the stream items.

For items 2/3:

In regards in the wet versus in the dry construction, we were not planning to connect flows until the following year. We were going to wait 1 year to let new stream establish. Note that we collected reference reach data during base flow conditions and have a good understanding of the relationship between low flow elevations in the typical cross sections; and, therefore, where to position the tops of lunkers, etc. to avoid rotting. Also, we fully expect "base flow elevation" conditions to immediately become established on excavation of the new channel for final field adjustments given the depth to groundwater noted on-site.

Sod mats: In relation to concerns of sod mats being adversely affected by frost/freezing, we are very open to either converting the sod-mats to fabric encapsulated soil lifts (FESL) or discuss the timing of mat-cutting to placement timing. For the latter, the mats can be placed inside one week of rough excavation of the channel and placement of root wads without too much concern on our end. Native plant nurseries regularly store flats of plugs on the ground, uncovered, in winter with limited mortality. One week of storage could be the cutoff between harvesting and placement over toe-wood, but we are very open to the idea their substitution with FESL's if the DNR is more comfortable with that approach. Please advise us on the best path forward.

Please let us know date/time that works well for you.

Thank you!

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From: Larson, Zach <Zachary.Larson@aecom.com>

Sent: Monday, April 8, 2024 6:52 AM

To: Tkachuk, Tyler <Tyler.Tkachuk@aecom.com>; Neeve, Kyle <Kyle.Neeve@aecom.com>

Cc: Olson, Joshua <joshua.olson@aecom.com>; Cullen, Griffin <Griffin.Cullen@aecom.com>; Tracy, Shawn <Shawn.Tracy@aecom.com>; Krippner, Matt <Matthew.Krippner@aecom.com>

Subject: FW: Requesting more info: Epic's West Road state application

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PAA comments attached. We need to respond to these comments by Friday 4/12 per our meeting with DNR last week.

Thank you,

Zach Larson P.E.

Project Manager, US West Transportation
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zachary.larson@aecom.com

From: Von Holdt, Crystal L - DNR <Crystal.VonHoldt@wisconsin.gov>

Sent: Monday, April 8, 2024 6:45 AM

To: Larson, Zach <Zachary.Larson@aecom.com>; Jim Schumacher <jschumac@epic.com>

Cc: Allness, Michele M - DNR (Shelly) <Michele.Allness@wisconsin.gov>; Cunningham, Brian J - DNR <brian.cunningham@wisconsin.gov>; Kovacevich, Caree C CIV USARMY CEMVP (USA) <Caree.C.Kovacevich@usace.army.mil>

Subject: Requesting more info: Epic's West Road state application

Good morning Jim and Zach,

Please find attached a letter describing additional information/details needed to complete the pending application for state waterway and wetland impacts for the West Road project. If you have any questions, please feel free to contact me. Thank you!

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Crystal vonHoldt

[Pronouns: she/her]

Mississippi River Regulatory Expert

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