

## Montoya, Katherine

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**From:** Wengerter, Cynthia  
**Sent:** Monday, January 30, 2023 3:28 PM  
**To:** Montoya, Katherine  
**Cc:** Adams, Jon; Turowski, Anthony; Deer, Shane; Slack, Thomas  
**Subject:** FW: FRA-161-15.80 PID 116322- City of Columbus Drainage

**Categories:** Hydraulics

Hi Katie,  
Please see the email below. We are good to go with adding the 48" pipe.

Thanks,

Cindy

**Cindy Wengerter, P.E.**

(p) 740.833.8057 (cell)614.620.0332

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**From:** Fedner, Greg <GFedner@columbus.gov>  
**Sent:** Monday, January 30, 2023 3:01 PM  
**To:** Wengerter, Cynthia <Cindy.Wengerter@dot.ohio.gov>  
**Cc:** Priestas, Robert S. <RSPriestas@columbus.gov>  
**Subject:** RE: FRA-161-15.80 PID 116322- City of Columbus Drainage

Cindy, confirmed with Sewer Maintenance – we are OK with the proposed 48" pipe.

Thanks,

GREG FEDNER, PE  
PR/SRM SECTION MANAGER

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Phone: 614-645-8072  
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**From:** [Cindy.Wengerter@dot.ohio.gov](mailto:Cindy.Wengerter@dot.ohio.gov) [<mailto:Cindy.Wengerter@dot.ohio.gov>]  
**Sent:** Monday, January 30, 2023 8:50 AM  
**To:** Fedner, Greg <[GFedner@columbus.gov](mailto:GFedner@columbus.gov)>  
**Cc:** Priestas, Robert S. <[RSPriestas@columbus.gov](mailto:RSPriestas@columbus.gov)>  
**Subject:** [EXTERNAL] Re: FRA-161-15.80 PID 116322- City of Columbus Drainage

Hi Greg,  
Thank you for looking into this request more closely. I appreciate your assistance in moving this project forward. I will look forward to your response regarding the maintenance of the new 48" pipe.

Cindy

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**From:** Fedner, Greg <[GFedner@columbus.gov](mailto:GFedner@columbus.gov)>  
**Sent:** Friday, January 27, 2023 4:19 PM  
**To:** Wengerter, Cynthia <[Cindy.Wengerter@dot.ohio.gov](mailto:Cindy.Wengerter@dot.ohio.gov)>  
**Cc:** Priestas, Robert S. <[RSPriestas@columbus.gov](mailto:RSPriestas@columbus.gov)>  
**Subject:** RE: FRA-161-15.80 PID 116322- City of Columbus Drainage

Cindy,

Rob asked me to follow up with you regarding the issue below, discussed at the today's FRA-161 meeting.

We are OK with the proposed upsizing of the existing City-owned 18" storm sewer to 48" size, and agree that this represents the District's good faith effort at reasonable compliance with the Columbus SWDM requirements. We understand that the City will own/maintain the proposed 48" storm sewer and appurtenances. The last piece of the puzzle is making sure that our maintenance group (SMOC) is able to maintain the proposed underground detention system (48" sewer). I expect to be able to verify that on Monday, and will let you know.

Thanks,

GREG FEDNER, PE  
PR/SRM SECTION MANAGER

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**From:** [Cindy.Wengerter@dot.ohio.gov](mailto:Cindy.Wengerter@dot.ohio.gov) [<mailto:Cindy.Wengerter@dot.ohio.gov>]  
**Sent:** Thursday, January 12, 2023 3:15 PM  
**To:** Priestas, Robert S. <[RSPriestas@columbus.gov](mailto:RSPriestas@columbus.gov)>  
**Cc:** [Jon.Adams@dot.ohio.gov](mailto:Jon.Adams@dot.ohio.gov); [Thomas.Slack@dot.ohio.gov](mailto:Thomas.Slack@dot.ohio.gov); [Katherine.Montoya@dot.ohio.gov](mailto:Katherine.Montoya@dot.ohio.gov)  
**Subject:** [EXTERNAL] FW: FRA-161-15.80 PID 116322- City of Columbus Drainage

Hi Rob,

Please see the correspondence below that we have had with Jeremy on the FRA-161-15.80 project. Attached is a copy of the drainage memo that I sent to him on 12/19/22.

As discussed yesterday, the designer evaluated (3) options in this memo to address Jeremy's comments from the stage 1+ review (attached graphic) and in the email below (dates 11/9 & 11/10). We are recommending the option to up size the existing 18" pipe to a 48" at the location highlighted in green on the 2nd attachment. The proposed mitigation detailed in the memo does not meet the requirements of Section 3.2 of the City's manual.

The original documents that were sent to DOSD showing all of the drainage and referenced in the original email can be accessed using the link below. The graphic for outfall 3 has been updated to show the impervious area that Jeremy asked about.

<https://ohiodot.sharefile.com/d-s4550bb1395ab4bc2b04c0752f8807100>

The District feels that this is a reasonable attempt at meeting the COC SWM requirements.

Please review and let me know if you have any questions. I can set up a meeting to discuss if that would be preferable.

Thank you,

Cindy

**Cindy Wengerter, P.E.**

*District Design Engineer*

ODOT District Six

400 East William Street, Delaware, Ohio 43015

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**From:** Cawley, Jeremy K. <[JKCawley@columbus.gov](mailto:JKCawley@columbus.gov)>

**Sent:** Tuesday, December 20, 2022 10:38 AM

**To:** Wengerter, Cynthia <[Cindy.Wengerter@dot.ohio.gov](mailto:Cindy.Wengerter@dot.ohio.gov)>; Fedner, Greg <[GFedner@columbus.gov](mailto:GFedner@columbus.gov)>

**Cc:** Slack, Thomas <[Thomas.Slack@dot.ohio.gov](mailto:Thomas.Slack@dot.ohio.gov)>; Montoya, Katherine <[Katherine.Montoya@dot.ohio.gov](mailto:Katherine.Montoya@dot.ohio.gov)>; Adams, Jon <[Jon.Adams@dot.ohio.gov](mailto:Jon.Adams@dot.ohio.gov)>

**Subject:** RE: FRA-161-15.80 PID 116322- City of Columbus Drainage

Cindy,

Thanks for sending this over and looking into it. Before I can say whether this alternative will work, I need to see calculations showing that the requirements of section 3.2 of our manual are also met. While this shows the discharge rate is within the existing range, due to the increase, we also have detention and release rate requirements for specific storm events.

Thank you,

Jeremy K. Cawley, P.E.

Project Manager

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**From:** [Cindy.Wengerter@dot.ohio.gov](mailto:Cindy.Wengerter@dot.ohio.gov) [<mailto:Cindy.Wengerter@dot.ohio.gov>]

**Sent:** Monday, December 19, 2022 4:39 PM

**To:** Cawley, Jeremy K. <[JKCawley@columbus.gov](mailto:JKCawley@columbus.gov)>; Fedner, Greg <[GFedner@columbus.gov](mailto:GFedner@columbus.gov)>

**Cc:** [Thomas.Slack@dot.ohio.gov](mailto:Thomas.Slack@dot.ohio.gov); [Katherine.Montoya@dot.ohio.gov](mailto:Katherine.Montoya@dot.ohio.gov); [Jon.Adams@dot.ohio.gov](mailto:Jon.Adams@dot.ohio.gov)

**Subject:** [EXTERNAL] RE: FRA-161-15.80 PID 116322- City of Columbus Drainage

Hi Jeremy,

At the Stage 1+ review, you identified an area of 17,000 sf of additional impervious area draining to City of Columbus' storm system. The storm system was evaluated at this location for three scenarios: existing condition, proposed condition without upgrading storage, and proposed condition with upgraded storage. Please see the attached memo for this evaluation. The upsized conduit can be included with this project to mitigate the impacts of the additional

impervious area. Please let us know if you would like this measure to be included with the project as soon as possible to keep this important project on schedule.

If you would like to discuss the evaluation memo further or have any questions, please let us know.

Thank you,  
Cindy

**Cindy Wengerter, P.E.**

*District Design Engineer*

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**From:** Wengerter, Cynthia

**Sent:** Thursday, November 10, 2022 3:58 PM

**To:** Cawley, Jeremy K. <[JKCawley@columbus.gov](mailto:JKCawley@columbus.gov)>; Fedner, Greg <[GFedner@columbus.gov](mailto:GFedner@columbus.gov)>

**Cc:** Slack, Thomas <[Thomas.Slack@dot.ohio.gov](mailto:Thomas.Slack@dot.ohio.gov)>; Montoya, Katherine <[Katherine.Montoya@dot.ohio.gov](mailto:Katherine.Montoya@dot.ohio.gov)>; Adams, Jon <[Jon.Adams@dot.ohio.gov](mailto:Jon.Adams@dot.ohio.gov)>

**Subject:** RE: FRA-161-15.80 PID 116322- City of Columbus Drainage

Jeremy,  
Thank you for sending the sheets from your review.  
We will take a closer look at this area and get back to you.

Cindy

**Cindy Wengerter, P.E.**

740.833.8057 office

614.620.0332 cell

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**From:** Cawley, Jeremy K. <[JKCawley@columbus.gov](mailto:JKCawley@columbus.gov)>

**Sent:** Thursday, November 10, 2022 2:30 PM

**To:** Wengerter, Cynthia <[Cindy.Wengerter@dot.ohio.gov](mailto:Cindy.Wengerter@dot.ohio.gov)>; Fedner, Greg <[GFedner@columbus.gov](mailto:GFedner@columbus.gov)>

**Cc:** Slack, Thomas <[Thomas.Slack@dot.ohio.gov](mailto:Thomas.Slack@dot.ohio.gov)>; Montoya, Katherine <[Katherine.Montoya@dot.ohio.gov](mailto:Katherine.Montoya@dot.ohio.gov)>; Adams, Jon <[Jon.Adams@dot.ohio.gov](mailto:Jon.Adams@dot.ohio.gov)>

**Subject:** RE: FRA-161-15.80 PID 116322- City of Columbus Drainage

Cindy,

Thanks for reaching out on the comments for the stage 1+ review. I'm good with the area shown as being added to outfall 1 near the 270 interchange. The areas that I had questions about are closer to Little Turtle and Ulry. It appears like there is area being added that will take the project over the limits. I've attached the sheets I comments on. It looks to me that the green hatched areas are currently grassed and are being converted to pavement.

Thank you,

Jeremy K. Cawley, P.E.  
Project Manager

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**From:** [Cindy.Wengerter@dot.ohio.gov](mailto:Cindy.Wengerter@dot.ohio.gov) [<mailto:Cindy.Wengerter@dot.ohio.gov>]  
**Sent:** Wednesday, November 9, 2022 3:44 PM  
**To:** Fedner, Greg <[GFedner@columbus.gov](mailto:GFedner@columbus.gov)>; Cawley, Jeremy K. <[JKCawley@columbus.gov](mailto:JKCawley@columbus.gov)>  
**Cc:** [Thomas.Slack@dot.ohio.gov](mailto:Thomas.Slack@dot.ohio.gov); [Katherine.Montoya@dot.ohio.gov](mailto:Katherine.Montoya@dot.ohio.gov); [Jon.Adams@dot.ohio.gov](mailto:Jon.Adams@dot.ohio.gov)  
**Subject:** [EXTERNAL] RE: FRA-161-15.80 PID 116322- City of Columbus Drainage

Hi Greg and Jeremy,

Katie received the stage 1+ review comments back from COC DPU. Jeremy commented that there seemed to be more than 970sf of impervious area at outfall 1.

I wanted to help clarify the limits of the new impervious area that is being added. Please see the area highlighted in purple on the attached sheet. In this area the existing concrete barrier is being moved to the south to increase the lane width a little bit in an already constrained area. This area is currently unpaved/gravel as seen in the aerial image. See link here [Google Maps](#). The eastern half of this area drains toward the COC outfall and the western half drains towards Cemetery Run.

Please review and let me know if you have any other questions. I can set up a meeting to go through the plan sheets if that would be helpful. Just let me know.

Thank you,  
Cindy

**Cindy Wengerter, P.E.**

*District Design Engineer*

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**From:** Wengerter, Cynthia  
**Sent:** Thursday, September 22, 2022 2:05 PM  
**To:** Fedner, Greg <[GFedner@columbus.gov](mailto:GFedner@columbus.gov)>  
**Cc:** Slack, Thomas <[Thomas.Slack@dot.ohio.gov](mailto:Thomas.Slack@dot.ohio.gov)>; Montoya, Katherine <[Katherine.Montoya@dot.ohio.gov](mailto:Katherine.Montoya@dot.ohio.gov)>; Adams, Jon

<[Jon.Adams@dot.ohio.gov](mailto:Jon.Adams@dot.ohio.gov)>

**Subject:** FRA-161-15.80 PID 116322- City of Columbus Drainage

Greg,

Please find in the link below documentation related to the storm water outlets within the SR 161 widening project limits:

<https://ohiodot.sharefile.com/d-sa38d497b0ec04d3e820bbdf70702a362>

PDFs included in the link:

- Project Drainage Outfall Locations
  - Aerial map identifying the 4 City of Columbus storm water outlets from the project limits
- FRA-161\_PID116322\_PrelimProposedRoadwayWork
  - Schematic Plan of the proposed roadway work
- City of Columbus Outfall #...
  - Existing plans showing the drainage lines for the 4 outlets

Outfalls/Outlets:

- Outfall 1 – Approximately 970 sf of new impervious area which is less than the 2000 sf threshold
- Outfall 2 – No new impervious area
- Outfall 3 – No new impervious area
- Outfall 4 – No new impervious area

Based on this information, this project will follow ODOT's storm water policy. If you have any questions or need any additional information, please let us know.

Thank you,

**Cindy Wengerter, P.E.**

*District Design Engineer*

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