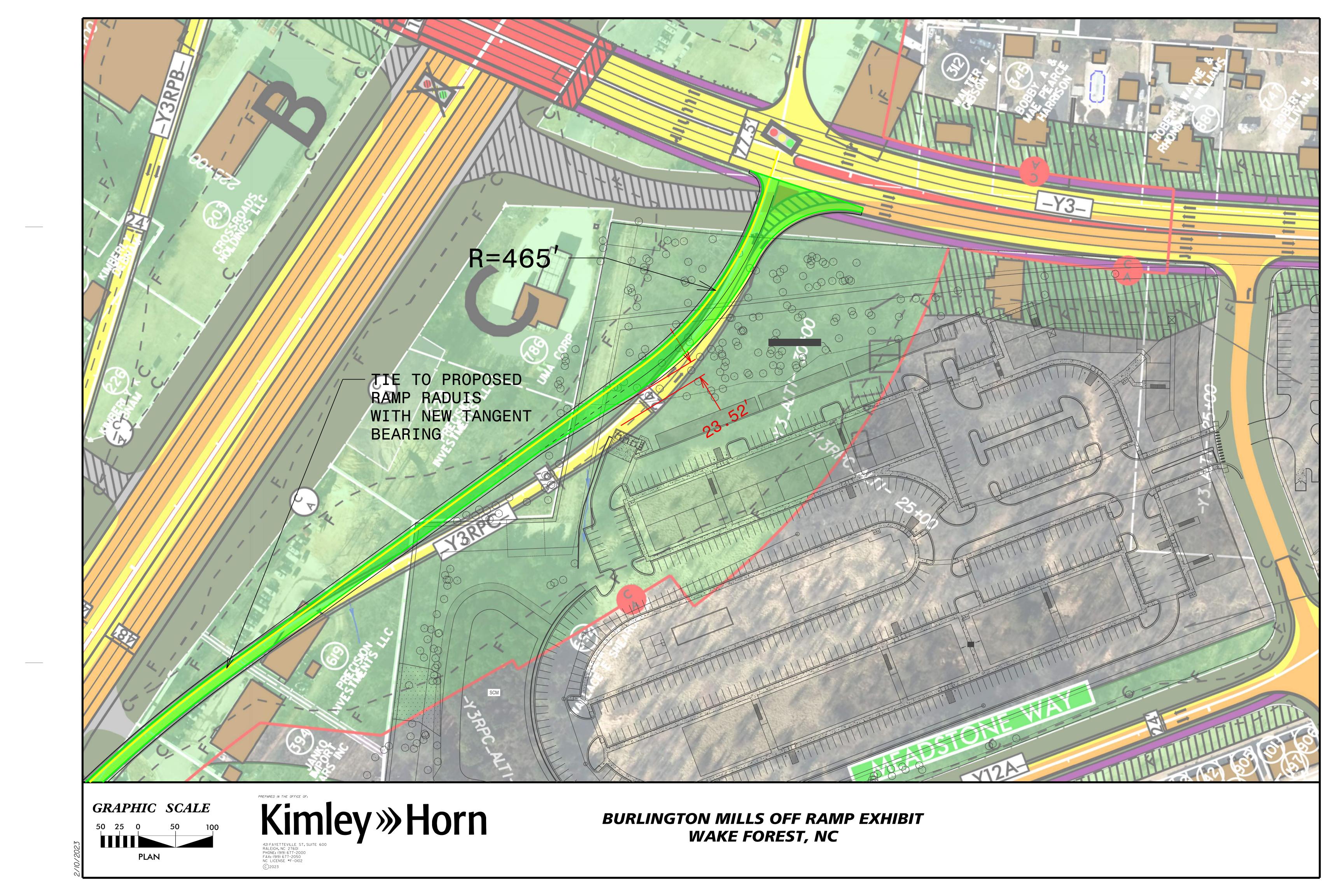
DOCUMENT 1

Conceptual Exhibit Showing Realignment of Option "A" Exit Ramp to Avoid Impacts on Project

<u>Site</u>



DOCUMENT 2

NCDOT Correspondence Concluding Realignment Will "[W]ork with U-5307"

Toby Coleman

From: Fluitt, Travis < Travis. Fluitt@kimley-horn.com>

Sent: Tuesday, March 21, 2023 3:44 PM

To: David Bookhout

Cc: Parrott, Evan; Grissinger, Tim; Masters, Meggan; Toby Coleman; Jay Diamond; OFerrell,

Tyler; Rosamond, Morgan

Subject: FW: [External] RE: Burlington Mills - Capital Blvd Ramp Exhibit

David,

Looks like Evan has you good to go from the NCDOT side.

Thanks, Travis

From: Farr, Terry E <tefarr@ncdot.gov> Sent: Tuesday, March 21, 2023 3:12 PM

To: Fluitt, Travis <Travis.Fluitt@kimley-horn.com>

Cc: Wheeler, Millard S <mswheeler1@ncdot.gov>; Feltes, Katrina M <kmfeltes@ncdot.gov>; charles.cox@rsandh.com;

Berdeau, Ian <Ian.Berdeau@rsandh.com>; Ford.Tanner@rsandh.com **Subject:** FW: [External] RE: Burlington Mills - Capital Blvd Ramp Exhibit

Travis,

See below for the design teams comments. Overall, it looks like it would work with U-5307.

Thanks,

Terry E. Farr, PE

Senior Project Manager, Project Management Unit North Carolina Department of Transportation

919 707 6017 Office tefarr@ncdot.gov

1000 Birch Ridge Drive (Delivery) Raleigh, NC 27610

1582 Mail Service Center (Mail) Raleigh, NC 27699-1582



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From: Berdeau, Ian < Ian.Berdeau@rsandh.com>

Sent: Tuesday, March 21, 2023 2:54 PM **To:** Farr, Terry E < tefarr@ncdot.gov>

Cc: Tanner, Ford < <u>Ford.Tanner@rsandh.com</u>>; <u>charles.cox@rsandh.com</u> **Subject:** RE: [External] RE: Burlington Mills - Capital Blvd Ramp Exhibit

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Terry,

Here are my thoughts:

- The 465' radius meets our guidelines
- With NCDOT considering this option at Burlington Road and wanting to compress the design if possible in Final Design, I think that the Developers design would not preclude the ramp design.
- This could result in the need to put a retaining wall along the ramp and Burlington Road. This would be an added cost but there would be enough space to build it and maintain the wall.
 - This could be mitigated by compressing the interchange which would increase the possibility of placing a fill slope and not needing a retaining wall.
- It would probably be good, but not required for approval, to request the grading plans so we can see what elevation they are at for future coordination.

Overall, it is feasible to make this revision in final design and the current development does not appear to preclude the U-5307 project.

Thanks,

Ian Berdeau, PE

Transportation Engineer 8521 Six Forks Rd, Suite 400, Raleigh, NC 27615 919-926-4130 lan.Berdeau@rsandh.com rsandh.com | Facebook | Twitter | LinkedIn | Blog

Stay up-to-date with our latest news and insights.



From: Farr, Terry E < tefarr@ncdot.gov > Sent: Monday, March 20, 2023 9:27 AM

To: Berdeau, lan < lan.Berdeau@rsandh.com >

Cc: Tanner, Ford < <u>Ford.Tanner@rsandh.com</u>>; Cox, Charles < <u>Charles.Cox@rsandh.com</u>>

Subject: FW: [External] RE: Burlington Mills - Capital Blvd Ramp Exhibit

Ian, Have you had a chance to review yet?

Thanks,

Terry E. Farr, PE

Senior Project Manager, Project Management Unit North Carolina Department of Transportation

919 707 6017 Office tefarr@ncdot.gov

1000 Birch Ridge Drive (Delivery) Raleigh, NC 27610

1582 Mail Service Center (Mail) Raleigh, NC 27699-1582



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From: Fluitt, Travis < <u>Travis.Fluitt@kimley-horn.com</u>>

Sent: Monday, March 20, 2023 9:25 AM

To: Farr, Terry E < tefarr@ncdot.gov >; Wheeler, Millard S < mswheeler1@ncdot.gov >

Cc: Eric Allen <<u>eallen@ggcommercial.com</u>>; Jay Diamond <<u>jdiamond@ggcommercial.com</u>>; Wheeler, Millard S <<u>mswheeler1@ncdot.gov</u>>; Feltes, Katrina M <<u>kmfeltes@ncdot.gov</u>>; Toby Coleman <<u>tcoleman@smithlaw.com</u>>; David Bookhout <<u>dbookhout@ggcommercial.com</u>>; Masters, Meggan <<u>m.masters@batemancivilsurvey.com</u>>; Parrott, Evan <<u>Evan.Parrott@kimley-horn.com</u>>

Subject: RE: [External] RE: Burlington Mills - Capital Blvd Ramp Exhibit

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Terry,

Have you received any feedback from the design team? I'd like to close the loop on this before Mr. Wheeler leaves the building!

Thanks, Travis

From: Farr, Terry E < tefarr@ncdot.gov>
Sent: Monday, March 6, 2023 4:32 PM

To: Fluitt, Travis < Travis.Fluitt@kimley-horn.com; Wheeler, Millard S < mswheeler1@ncdot.gov>

Cc: Eric Allen <<u>eallen@ggcommercial.com</u>>; Jay Diamond <<u>jdiamond@ggcommercial.com</u>>; Wheeler, Millard S <<u>mswheeler1@ncdot.gov</u>>; Feltes, Katrina M <<u>kmfeltes@ncdot.gov</u>>; Toby Coleman <<u>tcoleman@smithlaw.com</u>>; David Bookhout <<u>dbookhout@ggcommercial.com</u>>; Masters, Meggan <<u>m.masters@batemancivilsurvey.com</u>>; Parrott, Evan <Evan.Parrott@kimley-horn.com>

Subject: RE: [External] RE: Burlington Mills - Capital Blvd Ramp Exhibit

I sent to the design team to review. They are backed up on some other work right now, so it will be a week or so before I will be able to get any comments.

Thanks,

Terry E. Farr, PE

Senior Project Manager, Project Management Unit North Carolina Department of Transportation

919 707 6017 Office tefarr@ncdot.gov

1000 Birch Ridge Drive (Delivery) Raleigh, NC 27610

1582 Mail Service Center (Mail) Raleigh, NC 27699-1582



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From: Fluitt, Travis < <u>Travis.Fluitt@kimley-horn.com</u>>

Sent: Monday, March 6, 2023 4:27 PM

To: Wheeler, Millard S < mswheeler1@ncdot.gov>; Farr, Terry E < tefarr@ncdot.gov>

Cc: Eric Allen <<u>eallen@ggcommercial.com</u>>; Jay Diamond <<u>jdiamond@ggcommercial.com</u>>; Wheeler, Millard S <<u>mswheeler1@ncdot.gov</u>>; Feltes, Katrina M <<u>kmfeltes@ncdot.gov</u>>; Toby Coleman <<u>tcoleman@smithlaw.com</u>>; David Bookhout <<u>dbookhout@ggcommercial.com</u>>; Masters, Meggan <<u>m.masters@batemancivilsurvey.com</u>>; Parrott, Evan <<u>Evan.Parrott@kimley-horn.com</u>>

Subject: [External] RE: Burlington Mills - Capital Blvd Ramp Exhibit

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Scott/Terry,

I know you've not had this very long, but I wanted to see if this looks like it gets us where we need to be.

Thanks, Travis

From: Fluitt, Travis

Sent: Thursday, March 2, 2023 10:12 AM

To: Wheeler, Scott < mwheeler@ncdot.gov >; Farr, Terry E < tefarr@ncdot.gov >

Cc: Eric Allen <<u>eallen@ggcommercial.com</u>>; Jay Diamond <<u>jdiamond@ggcommercial.com</u>>; Wheeler, Millard S <<u>mswheeler1@ncdot.gov</u>>; Feltes, Katrina M <<u>kmfeltes@ncdot.gov</u>>; Toby Coleman <<u>tcoleman@smithlaw.com</u>>; David Bookhout <<u>dbookhout@ggcommercial.com</u>>; Masters, Meggan <<u>m.masters@batemancivilsurvey.com</u>>; Parrott, Evan <<u>Evan.Parrott@kimley-horn.com</u>>

Subject: Burlington Mills - Capital Blvd Ramp Exhibit

Scott/Terry,

We've put together the attached conceptual exhibit showing how the off-ramp in Option A could be realigned to avoid impacts to the site. We tried to be pretty conservative with this. Evan can correct me if I'm wrong, but I believe this meets all NCDOT minimum design standards. I know the public hearing maps always try to be conservative and that the contractor will be looking to minimize impacts during the design/build process, but I believe this shows that it this site can work with interchange Option A.

Notes on the exhibit:

- We did not change the departure angle and alignment radius on the ramp alignment closest to the beginning of the ramp, but if that could change, then impacts could possible be reduced even further.
- Used a 465' radius on the ramp
- Leaves 23.5' of clearance from the ramp and the closest part of the site, which is the dumpster enclosure.
- Without the CAD files, we can't comment on vertical design and whether any retaining walls would be required either on the ramp or along Burlington Mills Road

Evan et. al., let me know if I've missed anything.

Please let us know if this look like it works or if you have any other comments.

Thank you,

Travis Fluitt, P.E.

Kimley-Horn | 421 Fayetteville Street, Suite 600, Raleigh, NC 27601 Direct: 919-653-2948 | Mobile: 919-649-0759 | Main: 919-677-2000

----Original Appointment----

From: Fluitt, Travis

Sent: Friday, February 3, 2023 11:30 AM

To: Fluitt, Travis; Wheeler, Scott; Farr, Terry E; David Bookhout; Masters, Meggan **Cc:** Eric Allen; Jay Diamond; Wheeler, Millard S; Feltes, Katrina M; Toby Coleman

Subject: Burlington Mills - Capital Blvd Options

When: Monday, February 6, 2023 12:00 PM-12:30 PM (UTC-05:00) Eastern Time (US & Canada).

Where: Microsoft Teams Meeting

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From: Fluitt, Travis

Sent: Friday, February 3, 2023 10:49 AM **To:** Wheeler, Scott < mwheeler@ncdot.gov>

Cc: Eric Allen < eallen@ggcommercial.com >; David Bookhout < dbookhout@ggcommercial.com >; Masters, Meggan

<m.masters@batemancivilsurvey.com>; Jay Diamond <jdiamond@ggcommercial.com>; Grissinger, Tim

<t.grissinger@batemancivilsurvey.com>

Subject: Burlington Mills - Capital Blvd Options

Scott,

The development team has put together some exhibits with the Burlington Mills residential site plan overlaid on the US 1 plans (or maybe vice versa). Do you have time next week for a quick teams meeting for us to run them by you to see if you think this will answer the US 1 commissions questions?

Would sometime Monday from 12-3 or Tuesday from 1-3 work for you? If so I'll send out a Team invitation.

Thanks,

Travis Fluitt, P.E.

Kimley-Horn | 421 Fayetteville Street, Suite 600, Raleigh, NC 27601 Direct: 919-653-2948 | Mobile: 919-649-0759 | Main: 919-677-2000

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DOCUMENT 3

<u>Project Master Plan Pages Evidencing Plans to Provide Necessary Dedication for NCDOT's Meadstone Way Dedication</u>

