

# EXHIBIT 21

**From:** Michelle Harrison <mtharrison@HNTB.com>

**To:** [REDACTED]@rcid.org>

**Cc:** [REDACTED]@rcid.org>, Scott Zornek <szornek@HNTB.com>

**Subject:** RE: World Drive - Phase III

**Date:** Fri, 25 Jan 2019 18:27:37 +0000

**Importance:** Normal

**Attachments:** WDN3Utilities\_01252019.pdf; WDN3\_01252019.pdf

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[REDACTED]

Here's what I have for the tweaked roundabouts. I moved the southern one out of the pond, and revised the lanes in the roundabouts. I'd like to discuss the tweaks I've made and some geometric options that there are for roundabouts.

Scott and I discussed the traffic report and bypass alignment. There is some question as to which would perform better, a single lane bypass without the lane merge (as shown previously), or the two-lane bypass that is being shown now. We could model the options and try to get a better feel for the friction present in each.

I didn't try to show right of way yet, as it seems like the widths will need to be determined after we have a plan for the utility relocations.

Please let me know if you want me to come by early next week to discuss (or we can do a web meeting). I'm available Monday and Tuesday, but if you want Scott to join us, Tuesday would be better.

Thanks,  
Michelle

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**From:** [REDACTED]@rcid.org]

**Sent:** Monday, January 21, 2019 10:10 AM

**To:** Michelle Harrison <mtharrison@HNTB.com>

**Cc:** [REDACTED]@rcid.org>; Scott Zornek <szornek@HNTB.com>

**Subject:** Re: World Drive - Phase III

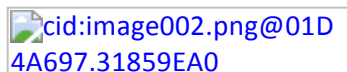
Certainly & we can talk later this week?

[REDACTED]

*Manager, Planning & Engineering*  
**Reedy Creek Improvement District**

[REDACTED]

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cid:image002.png@01D  
4A697.31859EAO

Sent from my iphone

On Jan 21, 2019, at 8:41 AM, Michelle Harrison <[mtharrison@HNTB.com](mailto:mtharrison@HNTB.com)> wrote:

[REDACTED]

#1656172.1

Scott Zornek oversees all modelling efforts for our office now. Did you want me to have him review Kittelson's analysis?

Michelle

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**From:** [REDACTED]@rcid.org]  
**Sent:** Friday, January 18, 2019 4:06 PM  
**To:** Michelle Harrison <mtharrison@HNTB.com>; [REDACTED]@rcid.org>  
**Subject:** FW: World Drive - Phase III

Michelle,  
With Steve gone, I was not sure who you guys were using in your office for traffic reviews. Have you back filled his position?

[REDACTED] - [REDACTED]  
*Manager, Planning & Engineering  
Reedy Creek Improvement District*

[REDACTED]

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**From:** Murray, Stephanie N. - WDI [<mailto:Stephanie.N.Murray@disney.com>]  
**Sent:** Friday, January 18, 2019 3:17 PM  
**To:** [REDACTED]@rcid.org>; Michelle Harrison <mtharrison@HNTB.com>  
**Cc:** Moore, Greg A. <[Greg.A.Moore@disney.com](mailto:Greg.A.Moore@disney.com)>; Rimmer, Todd <[Todd.Rimmer@disney.com](mailto:Todd.Rimmer@disney.com)>  
**Subject:** Re: World Drive - Phase III

[REDACTED]

Attached is the Floridian Way traffic data that shows the current/existing conditions volumes and the future projected volumes (2035) with the outbound alignment. We have previously provided this to HNTB. Additionally we did an operational analysis for the Seven Seas roundabout (with the new Polynesian Connection). Those volumes that Kittelson utilized are on page 3 of that document.

*Kittelson's notes on the Seven Seas/Poly Entrance roundabout are as followed:*

- *We show about 60 vehicles making the movement in an hour (Seven Seas WB to Floridian Way NB).*
- *They will be conflicting with about 1,200 vehicles, so there is potential for delay on the Seven Seas approach – our analysis shows 35 to 40 seconds for that approach – but within the roundabout there should not be any “weaving” or lane changing.*
- *The 95<sup>th</sup> percentile queue on the Seven Seas approach is projected to be 6 vehicles – so nothing too concerning.*

Let us know if there is anything else you all can think of needing.

Thank you,

**STEPHANIE N. MURRAY**  
Master Planner Senior  
Master Planning

**#1656172.2**

Walt Disney Imagineering  
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*We design the foundation for developing our greatest opportunities.*

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**From:** [REDACTED]@rcid.org]  
**Sent:** Friday, January 18, 2019 2:00 PM  
**To:** Moore, Greg A. <Greg.A.Moore@disney.com>; Michelle Harrison (mtharrison@HNTB.com) (mtharrison@HNTB.com) <mtharrison@HNTB.com>  
**Subject:** RE: World Drive - Phase III

Greg,  
How about the traffic data, proposed ADT numbers, et? I know my office does not have that info, but has it been provided to HNTB?

[REDACTED] - [REDACTED]  
*Manager, Planning & Engineering*  
*Reedy Creek Improvement District*

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**From:** Moore, Greg A. [<mailto:Greg.A.Moore@disney.com>]  
**Sent:** Friday, January 18, 2019 1:58 PM  
**To:** [REDACTED]@rcid.org>  
**Cc:** Michelle Harrison (mtharrison@HNTB.com) (mtharrison@HNTB.com) <mtharrison@HNTB.com>; [REDACTED]@rcid.org>; Rimmer, Todd <Todd.Rimmer@disney.com>; Murray, Stephanie N. - WDI <Stephanie.N.Murray@disney.com>  
**Subject:** RE: World Drive - Phase III

Sounds like a plan. We'll stay tuned and keep you apprised of the follow up discussions on this end. Thanks for working with us on this and just let me know if there's anything else we can provide to support the District's efforts to advance the scoping of Phase 3.

**Greg Moore, PE**  
WDI Master Planning / Transportation  
d 407.560.6823 (tie line 8-224)  
c 321.318.5924

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**From:** [REDACTED]@rcid.org]  
**Sent:** Friday, January 18, 2019 1:51 PM  
**To:** Moore, Greg A. <Greg.A.Moore@disney.com>; [REDACTED]@rcid.org>; Rimmer, Todd <Todd.Rimmer@disney.com>; Murray, Stephanie N. - WDI <Stephanie.N.Murray@disney.com>  
**Cc:** Michelle Harrison (mtharrison@HNTB.com) (mtharrison@HNTB.com) <mtharrison@HNTB.com>  
**Subject:** RE: World Drive - Phase III

What you are missing is the signal icon, but based on info below, we can add it as well as any geometry changes our designer deems necessary and will return that document for your final sign-off. Not sure how long it will take, but I

**#1656172.3**

anticipate we should have it back to you next week for review. The following week we will meet with RCES and begin working thru the utility issues.

[REDACTED] - [REDACTED]  
*Manager, Planning & Engineering*  
*Reedy Creek Improvement District*

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**From:** Moore, Greg A. [<mailto:Greg.A.Moore@disney.com>]  
**Sent:** Friday, January 18, 2019 1:46 PM  
**To:** [REDACTED]@rcid.org; [REDACTED]@rcid.org; Rimmer, Todd <[Todd.Rimmer@disney.com](mailto:Todd.Rimmer@disney.com)>; Murray, Stephanie N. - WDI <[Stephanie.N.Murray@disney.com](mailto:Stephanie.N.Murray@disney.com)>  
**Subject:** RE: World Drive - Phase III

As currently drawn with stop bars on all approaches and a striped crosswalk on the north side, the intersection implies signalization. What are we missing? If this ends up being the chosen direction, we can add a signal icon to future exhibits to emphasize this if that would help.

<image009.jpg>

**Greg Moore, PE**  
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**From:** [REDACTED]@rcid.org]  
**Sent:** Friday, January 18, 2019 1:30 PM  
**To:** Moore, Greg A. <[Greg.A.Moore@disney.com](mailto:Greg.A.Moore@disney.com)>; [REDACTED]@rcid.org; Rimmer, Todd <[Todd.Rimmer@disney.com](mailto:Todd.Rimmer@disney.com)>; Murray, Stephanie N. - WDI <[Stephanie.N.Murray@disney.com](mailto:Stephanie.N.Murray@disney.com)>  
**Subject:** RE: World Drive - Phase III

Thanks, Greg. We have looked at both the roll plot & the CADD drawing and both show a ped crossing at an unsignalized intersection. As outlined earlier this week and discussed at length, pedestrians crossing a 4 lane divided roadway w/o benefit of signalization is a major safety concern and not acceptable to RCID. So I am confused as to how you think that "the CADD layout shared this morning is reflective of an approach we understand to be acceptable to RCID"?

[REDACTED] - [REDACTED]  
*Manager, Planning & Engineering*  
*Reedy Creek Improvement District*

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#1656172.4

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**From:** Moore, Greg A. [<mailto:Greg.A.Moore@disney.com>]  
**Sent:** Friday, January 18, 2019 12:32 PM  
**To:** [REDACTED]@rcid.org; [REDACTED]@rcid.org; Rimmer, Todd <[Todd.Rimmer@disney.com](mailto:Todd.Rimmer@disney.com)>; Murray, Stephanie N. - WDI <[Stephanie.N.Murray@disney.com](mailto:Stephanie.N.Murray@disney.com)>  
**Subject:** RE: World Drive - Phase III

Sure, appreciate the opportunity to clarify ...

At present, our “preferred” direction as communicated to us through our leadership is to eliminate ALL pedestrian activity across Floridian Way (future 4-lane World Drive) generated by the Shades of Green resort. This will be accomplished by mandating guest usage of the shuttle bus AND development of site modifications / redesign of the space between the SoG Resort and Floridian Way to eliminate pedestrian activity altogether. The current direction was communicated to our team on December 20<sup>th</sup> ahead of our meeting with you earlier this week where the District identified a number of challenges and other considerations with this approach. Our intent is to communicate these back to leadership so that they can understand the RCID position and the associated trade-offs. This is what I meant by “continuing to explore options” and the need to keep an open dialogue specifically for that location so that we can reach consensus.

We understand the District’s concerns over the current configuration and the pedestrian activity that is associated with a crossing of Floridian Way. The goal is to create an entirely different future condition that eliminates the pedestrian mode and that linkage entirely. At this point, we can only speculate on how this will be accomplished but we acknowledge and understand the RCID position on the perceived need for removal of sidewalk, installation of fencing, and other means deemed necessary to prevent pedestrian crossing movements.

Based on my recollection of what was discussed Tuesday, the only way that RCID can accept an unsignalized intersection at that location is if there is either extensive fencing OR a grade-separated pedestrian crossing to accommodate any pedestrians that could end up at that location despite our efforts to redirect. Further, it was added that the risk associated with satisfying the pedestrian safety concerns is that the intersection could still require future signalization to accommodate the bus traffic and other larger vehicle movements from the minor approaches, particularly the Polynesian service leg. In a scenario where this is required, the signal would have otherwise satisfied the pedestrian movement without the added expense of extensive fencing and/or a grade-separated pedestrian conveyance.

That said, the CADD layout shared this morning is reflective of an approach we understand to be acceptable to RCID. It provides us a starting point for the next round of discussions with our leadership on how to respond to the current RCID concerns at this location.

**Greg Moore, PE**  
WDI Master Planning / Transportation  
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**From:** [REDACTED]@rcid.org]  
**Sent:** Friday, January 18, 2019 11:43 AM  
**To:** Moore, Greg A. <[Greg.A.Moore@disney.com](mailto:Greg.A.Moore@disney.com)>; [REDACTED]@rcid.org; Rimmer, Todd <[Todd.Rimmer@disney.com](mailto:Todd.Rimmer@disney.com)>; Murray, Stephanie N. - WDI <[Stephanie.N.Murray@disney.com](mailto:Stephanie.N.Murray@disney.com)>  
**Subject:** RE: World Drive - Phase III

Perfect, thank you! While your team explores the viability of a signal at the intersection, a ped crossing or fencing to prohibit pedestrian – as you currently show an at grade crossing, your current preference is a signal?

[REDACTED] - [REDACTED]  
*Manager, Planning & Engineering*

**#1656172.5**

*Reedy Creek Improvement District*

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**From:** Moore, Greg A. [<mailto:Greg.A.Moore@disney.com>]  
**Sent:** Friday, January 18, 2019 11:34 AM  
**To:** [REDACTED]@rcid.org>; Rimmer, Todd <[Todd.Rimmer@disney.com](mailto:Todd.Rimmer@disney.com)>; Murray, Stephanie N. - WDI <[Stephanie.N.Murray@disney.com](mailto:Stephanie.N.Murray@disney.com)>  
**Cc:** [REDACTED]@rcid.org>  
**Subject:** RE: World Drive - Phase III

[REDACTED]

Please see the attached CADD files as requested, organized as summarized here.

DSGNP01.dwg – Geometric Layout for complete concept w/ Phases 2 & 3 put together  
DSGNP02.dwg – Conceptual approach for including southern roundabout as part of Phase 2

We've also created an updated version of the roll plot showing the completed concept for Phases 2 and 3 together, along with an exhibit showing how a potential phasing of the southern roundabout might be incorporated with the Phase 2 effort by DRMP. As we discussed on Tuesday, it is understood that what we've shown here is all still in a conceptual stage, but we welcome the opportunity to work collaboratively with the District as details of the proposed geometrics are finalized to include consideration of utilities and other factors.

We believe you'll find this version to more-closely reflect the discussions around larger-diameter "momma bear" roundabouts and other details as informed by operational analyses and appropriate attention to applicable design criteria to establish the overall footprint. As we also discussed, we're continuing to explore options at the proposed intersection serving Shades of Green and the Polynesian service access, but this has been revised to provide a crosswalk of the north approach as implied by future signalization for the time being.

Please let us know if you have any questions or need anything further from this end.

Sincerely,

**Greg Moore, PE**

WDI Master Planning / Transportation  
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**From:** [REDACTED]@rcid.org]  
**Sent:** Wednesday, January 16, 2019 2:19 PM  
**To:** Rimmer, Todd <[Todd.Rimmer@disney.com](mailto:Todd.Rimmer@disney.com)>; Murray, Stephanie N. - WDI <[Stephanie.N.Murray@disney.com](mailto:Stephanie.N.Murray@disney.com)>; Moore, Greg A. <[Greg.A.Moore@disney.com](mailto:Greg.A.Moore@disney.com)>  
**Cc:** [REDACTED]@rcid.org>  
**Subject:** World Drive - Phase III

Greg/ Stephanie

Could you please send me the CAD files for the World Drive Phase III project.  
Thanks

**#1656172.6**

[REDACTED]

[REDACTED]

*Sr. Civil Engineer/ Project Manager  
Planning & Engineering  
Reedy Creek Improvement District*

[REDACTED]

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