# WATER, INFRASTRUCTURE, AND TRANSPORTATION COMMITTEE

Council of the County of Maui

## **MINUTES**

## July 13, 2020

# Council Chamber, 8th Floor, and Online via BlueJeans Link

- **CONVENE:** 9:02 a.m.
- **PRESENT:** Councilmember Yuki Lei K. Sugimura, Chair Councilmember Alice L. Lee, Vice-Chair Councilmember Kelly Takaya King (out 9:45 a.m.) Councilmember Michael J. Molina Councilmember Tamara Paltin Councilmember Keani N.W. Rawlins-Fernandez Councilmember Shane M. Sinenci
- **EXCUSED:** Councilmember Riki Hokama Councilmember Tasha Kama
  - **STAFF:** Richard Mitchell, Legislative Attorney Lesley Milner, Legislative Analyst Laksmi Abraham, Legislative Analyst (trainee) Rayna Yap, Committee Secretary

Kate Griffiths, Executive Assistant to Councilmember Kelly Takaya King Sarah Pajimola, Executive Assistant to Councilmember Keani Rawlins-Fernandez

- ADMIN.: Michele McLean, Planning Director, Department of Planning (WIT-52)
  Pam Eaton, Planning Program Administrator, Department of Planning (WIT-52)
  Jeffrey Pearson, Director, Department of Water Supply (WIT-25)
  Eva Blumenstein, Water Resources and Planning Program Manager, Department of Water Supply (WIT-25)
  Jennifer Oana, Deputy Corporation Counsel, Department of the Corporation Counsel
- OTHERS: Jennifer Wieland, Principal, Seattle Office Leader, Nelson/Nygaard Consulting Associates (WIT-52) Lauren Armstrong, Executive Director, Maui Metropolitan Planning Organization (WIT-52)
  - **PRESS:** Akaku: Maui Community Television, Inc.

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- CHAIR SUGIMURA: ... (gavel) ... Good morning, everybody. Welcome to the Water, Infrastructure, and Transportation Committee. Thank you for being here. It is now 9:02 a.m. Today is July 13th and we are again on BlueJeans. I have to apologize. Last week Monday, my meeting got canceled because of Sunshine Law violations. My BlueJeans number had expired. This is kind of interesting, right. This is...it is like saying the meeting would be at the...at a certain meeting hall, but we changed it, you know, and we had already posted the agenda. So it was very interesting. Thank you, everybody, who tried to advocate to see if we could still have it on. Laks Abraham, and Lesley, and David Raatz were trying work on that; but we couldn't. And so therefore, last week's meeting was canceled. I'm trying to reschedule one for a special meeting. Thank you, Alice Lee, for allowing it for August 4th. I think Rayna is waiting to hear back from the Members to see if I have quorum. So check your email on that because August 4th would be the meeting that was supposed to be last week Monday. My name is Yuki Lei...
- COUNCILMEMBER KING: Thank you for letting us know, because I didn't understand why it got canceled, so that...
- CHAIR SUGIMURA: Yeah. Interesting, right. I mean it's just another...I said, oh, it's just pandemic, it's another COVID challenge and understandable. So anyway, it happened, and nothing we could do about it. I think we didn't realize that the BlueJeans' number, which would be like our address, was actually...had actually expired. It was only 'til June 30th, and my posting was the next day. So as it turns out, that meeting last week Monday got canceled, and we wait to hear if you are able to attend the August 4th meeting. Vice-Chair Alice Lee is here. Thank you.

VICE-CHAIR LEE: Oh. Is it time to say good morning?

CHAIR SUGIMURA: In English? Good morning.

VICE-CHAIR LEE: Oh, no, no, no, no.

CHAIR SUGIMURA: Oh.

VICE-CHAIR LEE: I was going to say, bom dia, in Portugal.

CHAIR SUGIMURA: Oh, bom dia.

VICE-CHAIR LEE: Bom dia, Madam Chair.

CHAIR SUGIMURA: Ah. Bom dia to you. Next we have Mike Molina.

COUNCILMEMBER MOLINA: Good morning, Madam Chair. And blessings to you, my colleagues, and everyone, from wonderful and beautiful Makawao.

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CHAIR SUGIMURA: Good morning to you and your birds. How are your birds doing?

COUNCILMEMBER MOLINA: They're doing fine, and they express their aloha to you as well.

CHAIR SUGIMURA: Tamara Paltin from West Maui.

- COUNCILMEMBER PALTIN: Aloha kakahiaka, Chair. Live and direct from the Old Lahaina Center.
- CHAIR SUGIMURA: Ah, your new office. Aloha. Keani Rawlins-Fernandez from Moloka'i, good morning.
- COUNCILMEMBER RAWLINS-FERNANDEZ: Aloha kakahiaka and bom dia, Chair and everyone.
- CHAIR SUGIMURA: Bom dia. Kelly King?
- COUNCILMEMBER KING: Aloha kakahiaka from beautiful Kihei and bom dia. And unfortunately, I'll have to leave probably about 9:45, 9:50 to head over to the NACo meeting.

CHAIR SUGIMURA: Okay.

COUNCILMEMBER KING: Which means I'm going to go from here over to a table that's ten feet away.

CHAIR SUGIMURA: Shane Sinenci from Hana. I guess you're in Hana today. Good morning.

COUNCILMEMBER SINENCI: I am. Aloha kakahiaka and bom dia from Hana.

- CHAIR SUGIMURA: Good morning. Today is a day where we do not have Riki Hokama, who's getting ready for that NACo meeting. He's one of the speakers. Tasha Kama is excused. And thank you, Kelly, for coming. And I know that NACo, there's a continue...there's NACo town hall meeting today, and next week Monday there's that big meeting where they're going to have election of the second vice-president and others. It would be like our natural convention day. So next week Monday is a biggie for all of us too. I hope we can all attend. With us today, for our items, Water Use Development Plan, we have Jeff Pearson, who's the Director from the Department of Water Supply; Eva Blumenstein is going to be presenting the Water Use Development Plan, the addendum; from the Planning Department, we have Michele McLean; as well as . . . (audio interference) . . .
- COUNCILMEMBER KING: Chair, you have...Chair, just to let you know, there's some noise...background noise in somebody's...that's covered up almost everything you just said.

CHAIR SUGIMURA: Okay. Keani, is your mic on?

- COUNCILMEMBER RAWLINS-FERNANDEZ: It wasn't me. I was just about to let you know, that was Director Pearson, and he was muted.
- CHAIR SUGIMURA: Oh, okay. Thank you. I don't know. How do we solve this? Is it still...do you still hear...
- COUNCILMEMBER RAWLINS-FERNANDEZ: It's solved already. It's solved already. It was Director Pearson, and he was muted.
- CHAIR SUGIMURA: Oh, I see what you're saying. Thank you. So Pam Eaton; Jen Oana from Corp Counsel will be here with us. Thank you very much, Staff, who've worked hard cancelling and rescheduling my agenda; it's Laks Abraham, Lesley Milner. Thank you, Rayna Yap, who's my committee secretary, and Remy (Rich) Mitchell, Legislative Attorney, who's also on with us. We have two items on our agenda, which is the Maui County Transit-Oriented Development Plan, and WIT-25, which is the Water Use Development Plan. Members, I want to take this out of order with your approval, just because we have Members leaving or not here. I'm going to take up the TOD first. That should be a shorter presentation, and then go into the Water Use Development Plan. I hope to finish that up today; but if not, then it will be on the August 4th agenda. Let's begin public testimony. Laks Abraham will be calling the testifiers. Do we have any testifiers, Laks?
- MS. ABRAHAM: One second, Chair.
- CHAIR SUGIMURA: Oh, okay. Okay.
- MS. ABRAHAM: I'm double checking.
- CHAIR SUGIMURA: Okay. Testifiers wanting to provide video testimony could join online via BlueJeans, and you could also dial in, 408-915-6290, and enter code 680-108-922. It's also on today's agenda. Written testimony is encouraged, and you can send it to this committee, wit.committee@mauicounty.us. All testifiers will be limited to three minutes on these two agenda items. And let's see, what else? Please state your name, and the name of the organization you may be representing, as well as if you're a paid lobbyist. Please inform the Committee. Thank you very much. I guess everyone's been saying that the chat is not where you can talk story to each other or send comments. And so we wish for you to not utilize it like that. And you can also see this meeting on Akakū channel 53. Ah, Members. So we do we have any testifiers today?
- MS. ABRAHAM: Good morning, Chair Sugimura. We have no testifiers at this time.
- CHAIR SUGIMURA: Okay. So Members, at this time, I'm going to ask to close public testimony. Thank you for your thumbs up. And any written testimony will be entered into the Committee.

### **ITEM WIT-52: MAUI COUNTY TRANSIT-ORIENTED DEVELOPMENT** (19-92)

CHAIR SUGIMURA: So the first thing on the agenda; Pam Eaton and Michele McLean, are you there? I'm going to be taking up the...

MS. EATON: I'm here.

- CHAIR SUGIMURA: ...transit WIT. Where are you? Oh, there you are. Maui County Transit-Oriented Development, WIT-52, and it's a presentation from the Department of Planning on the corridor master plan for Kahului and Wailuku, and discuss related matters. No legislative action will be taken. This is a presentation. I'm very excited to see this, Pam. Thank you. Will Michele be joining us, today?
- MS. EATON: I thought she was going to be joining us.
- CHAIR SUGIMURA: Oh, okay. Well, that's okay. You'll...
- MS. EATON: I guess we'll see. No biggie.
- CHAIR SUGIMURA: ...you can handle.
- MS. EATON: I mean, no biggie.
- CHAIR SUGIMURA: Yeah. Okay. Thank you. So go ahead. Thank you.
- MS. EATON: Yeah. Awesome. Well, good morning, Councilmembers. So glad you guys are here. What I wanted to talk to you about today is a \$600,000 grant, or money that we received, rather; \$500,000 from the Leg, and a \$100,000 from Yuki Lei. And thank you, Councilmembers, for your Council match. So TOD, yet another acronym we have to try to learn is Transit-Oriented...oh, good. I see Jennifer. Thank God, I thought I was going solo. Let me first introduce to you, it says, "Julia Reed", but it's actually Jennifer Wieland, who is the consultant from Nelson/Nygaard. So I'm just going to finish up by saving, or continue, I should say, by saving, Transit-Oriented Development, TOD. And I know I've spoken before your group before, but basically, what it refers to is trying to create connections. Biking, walking, using public transit, and then even more importantly, making that connection with where we live, where we work, and where we play. So we will be taking today about Ka'ahumanu Avenue, and that is linking Kahului with Wailuku. I'm just going to give a quick project history, then I'll let Jennifer talk about, basically, the need and opportunity; why this is so important in Maui. We have a very integrated cross-disciplinary team, which we're excited about, so a lot of our County departments will be working closely together; some of the schedule and our desired outcomes. Basically, how we got here...I've been serving as a Mayor's delegate on the State Interagency Transit-Orient Development Council. This council was created by legislation. And I think the original intent, quite frankly, was to fund the rail. And not just the rail, but actually, create affordable housing along the rail. And thank God, part of that also includes outer-islands. So as an outer-island, I attended these meetings. And after about a year, I honestly got tired about hearing about O'ahu, and

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started kind of speaking up and speaking out because our rail, if you will, is the bus. And it is very critical to all of us. We have connections that are just as important. Well, Don Medeiros used to attend these meetings with me, and we got to talking, and he had told me that the Maui Bus was going to be kicked out of the Queen Ka'ahumanu Mall, and they were looking for another location. It just so happened that there was CIP funding available from the TOD agency...committee, rather, and it was two and a half million. So we put in for the two and half million. I had to write a big piece about Maui for the TOD strategic plan, and we received two and half million to put in the Kahului transit hub. So then a couple years later, we start talking about how it would be really important to try to connect the spine, Ka'ahumanu Ave, Wailuku, and Kahului. There's a lot of opportunity along there in terms of various properties: State, and Federal, and County. How we could possibly put in some affordable housing. There's a lot of activity, as you know, in Wailuku. And it just has the perfect mix of, you know, schools, the college, medical, police; just beautiful uses. Because what TOD is really about is this mixed use. And it's connecting. Making people closer to where they are in terms of retail services, commercial, and so forth. So about two years ago, we put together a team; actually, about three years ago, a team. And I want to say right now, because this is important at the outset that folks understand, the team is obviously the Planning Department; this being led by the Planning Department, with the Department of Parks and Recreation. And I think Dave Yamashita might be on the call. As important is affordable housing, so Department of Housing and Human Concerns is a part of this team. Department of Transportation, Maui Bus, Marc Takamori, is on this team. And the Maui MPO is on this team, and Department of Public Works, Nolly Yagin. So the five of us work very closely together. In February, I wrote an RFP. Made it very, very detailed, because we really wanted to make sure we got what we wanted for \$600,000. Basically, prior to that, we were invited, or sponsored, by Troy Hashimoto and Senator Gil Keith-Agaran, to do a briefing the day before the Leg opened last year. We had a phenomenal turnout at the briefing, and I really want to thank these two gentlemen because they were champions for us and helped us out in very huge way. All the neighbor islands, basically, gave a presentation. By the end of the legislative session, however, we were sort of standing, and we received, as I said, the 500,000 for Leg. And again, thank you, County Councilmembers, we got a \$100,000 match. So we now have \$600,000 to write a detailed...we call it the "Transit-Oriented Development"; it's a master plan for this corridor. So think of Ka'ahumanu as the spine that connects Kahului, and Wailuku. And I think with that, now that I see Jennifer's on, I think we'll go on to "need and opportunity" and I'll introduce you to Jennifer Wieland from Nelson/Nygaard.

MS. WIELAND: Thank you.

CHAIR SUGIMURA: ... (inaudible) ...

MS. MILNER: I'm sorry to interrupt. Do you want me to put your slides up on the screen?

MS. WIELAND: I have them, and I'm happy to share them --

MS. MILNER: Okay.

- MS. WIELAND: --so that you don't have to flip through for me, if that works okay?
- MS. MILNER: That's great. Just wanted to check. Thanks so much.
- MS. WIELAND: Great. Thank you. And Councilmember Sugimura, I apologize. Please go ahead. I didn't mean to interrupt you.
- CHAIR SUGIMURA: Please. Please proceed.

MS. WIELAND: Ok. Great.

CHAIR SUGIMURA: Nice seeing you. I see you've changed your name. Okay.

MS. WIELAND: I did. I made myself Jennifer, instead of Julia.

CHAIR SUGIMURA: Yeah.

- MS. WIELAND: Well, good morning, everybody, and thank you so much for the opportunity to join you, and join this committee meeting. Pam, thank you for the great introduction. And apologies for being a couple of minutes slow in joining you. I have connected to BlueJeans so many different times, but of course, this morning it didn't want to work for me. So here I am, and I'm excited to build on the background and history that Pam gave you all. So let me switch and share my screen here. All right. Okay. So you should see the slides up in front of you, and these are the same slides that you have in your packets. I'll try and refer to slide numbers as we go, so that I'm able to keep us directed. As...you know, Pam just gave you a great history of the project, and so you've got slides that reference that. We are going to try and spend a little bit of time today just making sure that you all are familiar with what we've proposed as our approach to this project, and the timeline we expect it will unfold. But then also, really want to make sure that we have an opportunity to hear from Councilmembers about what your desired outcomes are for this study. As Pam's talked about, this is...this project really has the potential to be very transformative. Not only for the corridor, but for the ways that we think about what transit-oriented development means for Maui, and what transit means as a way to expand people's opportunities for connections and getting around. And so we most certainly want to make sure that, that this can do everything that you hope it does, and that we get this right. So just in terms of backgrounds, Pam, was there anything else that you wanted to add on this front? I feel like you covered it all, but any other notes to add here?
- MS. EATON: No. I think we just need to keep moving.
- MS. WIELAND: Okay. All right. Great. So in terms of the need and opportunity, I mean, one of the things, and this is on slide six. One of the things that feels really important about doing this work right now is the moment in which we are doing this. There are so many opportunities that are inherent in this type of multi-disciplinary, inter-disciplinary study; but doing this at a moment when we are facing a global pandemic, when Maui is facing some of its biggest challenges, really does present us with some important

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opportunities. In terms of what's shown here on the slides, the affordable housing need is not new. This is a challenge that has been facing Maui for a while. Certainly, as we think about growth, and what growth has meant to the island, what it has meant in terms of the challenges of finding housing that is affordable, finding housing for our workforce, that is not anything new. But that, coupled with the fact that Maui is facing one of the highest employment rates in the entire nation, really puts an even greater focus on this being a prime moment to try and move this forward. At the same time, I think a study like this does present really positive opportunities as well. It's not all about addressing crises. It does really give us the opportunity to think about how transit-oriented development, and how this corridor can be an economic generator; can really help to provide new opportunities for people, and provide new types of affordability on the island in terms of how people travel and how we help people make connections. So those opportunities, I think, are really a key part of what we see as most exciting about this work. There has been so much good planning work on the islands. You have such a strong history of community planning efforts, a strong history of transportation planning efforts, and really, a strong focus on housing as well. And so the chance to bring all of this together and really focus on how we connect, not only this corridor, but how we connect the past to the present, and to the future, and really reflect what this part of Maui has meant, and what it can mean moving forward is a big opportunity. So when we think about a transit-oriented development and the corridor itself, so much of what's important here is not just the two miles of the corridor. It's not just Ka'ahumanu Avenue, it is also the neighborhood connections. It's the ways that we create an environment that is walkable; that is accessible for people, regardless of their age and ability; and that really focuses on how we create great places. So that it's not about moving only from end to end, and connecting those two nodes, but also really about the ways we bring it all together. And that we build housing for people of all ages. That we're really creating those places along the corridor. And so those are just a few of the opportunities that we think exist here. Pam talked a little bit about all of the places that are already along this corridor, and the fact that you've got so much commercial. You've got retail, you've got educational, you have medical. It does...and you got government, right? Like this really does present that opportunity to bring a lot of folks together and to connect them to the places that they want to go. And so when we think about transit-oriented development, and how we redefine that for Maui, it is, of course, not going to look the way that it does on O'ahu. It's not going to look the way that it does on the mainland. And that's good. It needs to be reflective of Maui, and it needs to be based around some type of bus concept that can move more people quickly. But I think, really, it is about the opportunity to mix some land uses, and really get that affordable and workforce housing in, and focus on the quality of people's experience. It is not so much about one mode of transit versus another, but it really is about that overall experience, and creating a corridor that enables people to live, work, and play along it, and across it. So how are we going to do all of that? Well, when we think a little bit about our team for this...as Pam mentioned, this is an inter-disciplinary effort, and it is both on the County side, and also on the consultant side, something that requires an inter-disciplinary team. So we are fortunate to have many of the County's departments represented as part our project management team, and then also to be engaged with the MPO, the Metropolitan Planning Organization, and also the State. The State Department of Transportation has been an active partner already, and will

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continue to be as we move forward. But this is not the kind of project that a Transportation Department can do on its own. It's not the kind of project that a Planning Department can do on its own. It does really require those perspectives from all of the different departments. And we felt the same thing was true for the consultant team. And so Nelson Nygaard is leading this team, as Pam mentioned. I am serving as the project manager, and feel so incredibly fortunate to have the opportunity to work with the community of Maui again. I had the good fortune of meeting many of you, and working with many of you as part of Hele Mai Maui, the long-range transportation plan for the MPO. And as you well know, this is a recommendation that was part...this plan is a recommendation that was included within the near-term actions for the long-range transportation plan. And so to have the chance to move that forward, and to continue trying to deliver those transportation options, and the new connections that people expressed as being so important to them, is a really... is an opportunity that I am incredibly pleased to have, and appreciative to have as well. So joining Nelson Nygaard...and we are a transportation planning firm. We focus on all types of connections: bus, walking, biking, driving, and freight vehicles as well. We are joined on this project by several key partners. Munekiyo Hiraga, they are Maui-based, and were our outreach partner for the long-range transportation plan. They have joined us again for this work, to be able to provide the local engagement voice, and to help us make those community connections. We also have ECONorthwest on our team. They are based in the Pacific Northwest, in Portland, and focus on economic development, market analysis, and affordable housing. They are really well known for their work in thinking about how you understand the capacity of a place to provide more affordable and workforce housing, and then help to bring that to fruition. So we're pleased to have them join us. I'm also pleased to have Cascadia Partners on our team. They are another Pacific Northwest firm. They focus on land use and urban design. And so when we move into the portion of the project where we start to really think about those mixed uses, and how we create places that work for people of all ages, they really will be a big partner with ECONorthwest in helping to visualize that market analysis, and the affordable housing analysis, and bring it together. The third member of that urban design and land-use planning team that kind of focuses on ECONorthwest and Cascadia, is Speck & Associates. And that's Jeff Speck, who I believe many of the Councilmembers had a chance to meet, maybe in February, when he was on Maui for a series of talks. Jeff is known across the U.S., and also internationally, for his work in creating walkable communities, and so he will bring that expertise to our team. And then last, but not least, is Wilson Okimoto. They are an O'ahu based civil engineering and planning firm. And so their expertise on our team is really around the infrastructure components of this project. How do we make sure that the utilities can handle what we are proposing? So that's going to be a big component of the work that they will provide as well. And then one of the things that I think is really important about the way that we've structured our team is that we have...we're thinking about the bodies of work in several different areas of focus. Our team is truly integrated through each of those areas of focus. So we'll start out by engaging folks by learning, and then move into the visioning, what does the future look like? The last component of this...and we'll spend some more time on this in just a second, is really around advancing and moving into implementation. And so that is making sure that when we come to the end of this study, we have a plan that you maybe have already started implementing, but

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that you're really ready to move forward as we head into the coming months and years. And so we do have all of our team members engaged in all of those aspects of work. So I'll talk just quickly about what those different elements of the project are, and what the schedule is, and then open it up for Councilmembers to share thoughts about desired outcomes. So first and foremost is engaging. Certainly, in the time that we're in right now, engagement looks very different than it ever has. We are needing to be more and more creative as we think about ways to connect with people. And certainly, that means exploring new digital platforms, and new digital tools. But we also have to recognize that connecting through a website, connecting through a BlueJeans meeting, through a Zoom meeting, is not something that is going to work for everybody. And so we have started to explore a wide-range of digital tools that can reach people, but we want to make sure that we are supplementing that with things that still exist in hardcopy, and with things that people can do in person, but in a socially distanced way, so that they're able to, for example, still experience the corridor, and still share their thoughts about where they see the biggest opportunities. So we are in the process of starting to think about building out our website. We likely will do some digital tours. We likely will do some socially-distanced tours, but really trying to be creative as we think about what is going to make sense for engaging people in this project from the beginning, and then all the way through. So that's one of our first big tasks. The second thing that we are focused on is learning. And so this where we need to build our understanding of the opportunities that exist. There is, of course, an element of existing conditions work, and we're able to build on this from previous work that we've done on Maui, but needing to also really understand that full spectrum. And so that's where the housing components come in. That's where the land use and the connectivity pieces come into play. And where we're building that knowledge, not just by looking at data, but also through some one-on-one interviews; through some stakeholder discussions, and focus groups, to make sure that we've got all of those different perspectives recommended, and have that solid understanding of the past and the present, before we start to look to the future. And then the future is where we really will focus as we move into 2021. And so we are already exploring ways to do this virtually, as well as, hopefully, with a little bit of socially-distanced, in-person engagement. But the key components of the vision phase of this project are thinking about what the corridor looks like as we move ahead. What are the transportation connections? Not only for transit, but also for people walking, biking, and driving. What do the land uses look like? And where are those kind of special places? Where are the transit hubs, or the transit stops, that really become those points of connections along this corridor. Tied to that is also thinking about how people get across the corridor. It's all fine to have a beautiful spine, but if nobody can get across it, and make those important connections into the neighborhoods, then we've missed a huge opportunity. And so the visioning component of this does really include both land use and also connectivity; thinking about all modes of transportation. And then last, but not least, as I mentioned, this plan isn't going to be the last step in your process to develop this corridor. This...because of the ownership along this corridor, not only in terms of the land uses, but because this is a State transportation corridor, because of how inter-disciplinary this is, this is a long-term project. And part of what we want to focus on in this phase of work is thinking really carefully about implementation, and thinking about partnerships. Public and private partnerships are going to be critical from the beginning of this, and so we want to leave

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you with a plan that incorporates those partnerships; that considers really creative opportunities for funding, both public sources of funding as well as private, maybe grant sources of funding as well; and then thinks through what can be done right away. What are the small, high impact changes that we can start to make to advance this plan, even as we continue to find funding, to really envision, or to realize the full vision. So this phase, we think, is just incredibly important. So we'll do all of this over the next 16 months or so. As I mentioned, the first...or the rest of 2020 is very much focused on the base line, and thinking about what we know, and where the opportunities exist. So that's our community profile work, it's the market analysis and economic development reports, and then the affordable housing pieces, that initial inventory and analysis. As we move into 2021, that's when we really start shifting and looking toward the future and thinking about the plans, and the implementation and funding strategy. So I'm going to take these next couple of slides just quickly out of order, so that I can end with a question for all of you related to desired outcomes. But our big areas of focus, as I mentioned, are really going to be around, how do we engage people? How do ensure we have that solid backing and understanding to get us started? And really laying the foundation. So that's what July and August are going to be very, very focused on for us. So as I wrap up the presentation and open it for questions and discussion, one of the things that we would very much love to hear and learn from all of you today are what are your wishes for this project? What do you hope to see when this work is done? And what would you consider to be a success? And so with that, I will stop sharing my screen, and open it up for questions, comments, and your thoughts about what we need to achieve.

- CHAIR SUGIMURA: Thank you. Thank you very much, Jennifer. And so in summary, then, you are the one that is going to be moving this project forward through the next year and a half, correct . . . right?
- MS. WIELAND: Yes. So I will serve as the project manager on the consultant side, and Pam is the project manager on the County side. And then we are fortunate to be buttressed on both fronts by a wide team of folks, both from the County and MPO, and then also on the consultant side. But I will be your day-to-day point of contact for the consultant team.
- CHAIR SUGIMURA: Okay. And then you'll come back and let us know where you are, or if there are things that come up, you can present again. Okay. I...this is exciting.
- MS. WIELAND: Whenever you'd like to see us.
- CHAIR SUGIMURA: This is exciting. So this project then, 500,000 came from the State Legislature. Thank you, Members, there was a \$100,000 match by the County. And Pam, I didn't realize you wrote the 2.5 million for the transit hub. I didn't realize it was you. So thank you very much on that. That was new information for me. Thank you, Troy and Gil. I was there at their presentation at the Legislature. It was the day before opening last year, and it was very informative, and that's what kind of spurred the interest to move us forward. So appreciate that. I see Tamara, your hand is up. Anybody else? We'll take questions. And Kelly.

- COUNCILMEMBER PALTIN: Just before the questions, if I could get a point of information. I was wondering, is this for the whole Maui island, your transit-oriented development, or just specifically Kahului?
- MS. EATON: So it's an actual corridor. And those maps, I don't know if you can...well, you can look in your PowerPoint, Councilwoman, and it shows a map where you sort of start at the transit hub in Kahului, and then you come all the way to the very end, ending in Wailuku. So the spine, if you will, is Ka'ahumanu Ave, but then it's sort of a half-mile buffer around, where we'll have connections to neighborhoods and businesses, and U.H., and stuff like that. And actually, as I said before, this is sort of a prototype, because something like this would be ideal in Kihei, and as you well know, West Maui. So this is kind of our guinea pig prototype for now.
- COUNCILMEMBER PALTIN: Okay. Thank you. That...I got to realign some of my questions then. Thank you. I guess, before you started, I wanted to know the entirety of the scope. Thank you . . . oh, if you can come back to me later on.
- CHAIR SUGIMURA: We'll come back to you. Kelly King?
- COUNCILMEMBER KING: Thank you, Chair. Thanks for calling on me, because I do have to leave in about 10 or 15 minutes. Aloha, Pam. So we're being asked what we want to see, but I'm assuming that there are some end goals because I'm sure you wrote that into the RFP when you put that out. So I haven't really heard the specifics of what the end goals are. Are you planning to recommend future developments, future affordable housing, any kind of medical, or educational, or other facilities, park facilities, that you may be missing. I mean, what is your charge, Ms. Wieland, for the end goal of this? What are you hoping to see as far as, when you ask for engagement . . . (*audio interference*) . . . and then are you planning to specifically work with the Planning Department to identify sites that could be acquired by the County, and developed into additional parks, or whatever we need. So can you just speak to what you proposed as the goals, rather than what we want to see?
- MS. EATON: So when I wrote the RFP, the elements...the first thing I did was to basically take a look at available Federal funding. Because transit-oriented development is huge. It's kind of like this big pot, new, you know. I hate to say land use is sexy, but I mean, it's something that is really being sought after because we're trying to condense things, right? You want to have mixed use and housing because so much of...as we've all...you guys have been very active in affordable housing. And as you well know, we are no longer paying only 30 percent of our monthly paycheck to housing, it's double and triple that. Well, same goes for transportation costs. So for a myriad of reasons, whether it's to try not to have as much money spent on transportation, to not have vehicledependent communities, to have more biking, walking, and so forth, and riding the transit, you know, for environmental reasons, lowering GHGs, all of that. So there's a lot of grants out there. So when I wrote pieces of this and the tasks of this, I wanted to meet the criteria and eligibility of those grants. So that was kind of number one. And then I want to have Jennifer go into a little bit, because two of the very important

components --

- COUNCILMEMBER KING: But what is...Pam, if I could interrupt you, because I only have a few minutes. But what is that criteria?
- MS. EATON: That's what I'm getting ready to tell you.

### COUNCILMEMBER KING: Okay.

- MS. EATON: So what I wanted to finish to say is that the eligibility in terms of affordable housing...so a big piece of those grants. This is not just a bike plan study, or let's ride the bus. A critical piece is affordable housing. So the end game, if you will, that you're asking, is that the market analysis, and environmental impact assessment, and that is where can we put, realistically, affordable housing? And make...and we have to show that there will be the potential to have connections made to businesses, to jobs. A lot of the funding will pay for improving infrastructure, such as water, such as wastewater, such as roads. So the end game is to have identifiable locations for potential affordable housing that will link to transit, and then link...and the of course, you have the aesthetics, which are also critically important, with regard to parks, bike paths, and that all becomes a piece of this. So the end game is really having viable locations for affordable housing. And there are large Federal grants out there that will help to pay for the affordable housing, for doing P3, for doing...improving the roads, the water. So that's kind of why this RFP was written the way it was, is to meet that eligibility.
- COUNCILMEMBER KING: Okay. Thank you so much for that. I just wanted to...I want to...I think it's really important to have those parameters when you do public engagement because if you just open it up, and have those questions you just gave us, like, what do you want to see? You might get answers that don't fit into your parameters, and people get really pissed off if you ask them what they want –
- MS. EATON: Fair point.
- COUNCILMEMBER KING: --and then you don't have an opportunity to give it to them. So let's see...let's, like, define, "here's what we're looking for," and "here's the type of development that we're looking for sites for," and "here's why we want to do it." So that when people come out and give...and do engage with us, and give their opinion, it matters. And then they feel, you know, they feel like their input is important. So that's my main concern, is I'm kind of visualizing better after that explanation, Pam, what we're trying to get to, as well as connecting with, maybe, better walkability for our university, for our, you know, our parks. Hopefully you guys are engaging with Hale Makua, because they're doing this big park project --

MS. EATON: Yup.

COUNCILMEMBER KING: --and then the RFP that goes out for the affordable housing, the comprehensive plan, hopefully engage with that, so that that goes in, you know, so that

these things all get...because that's going to be island, or County-wide, the affordable housing plan. So you want it to all mesh together so that we don't have these, you know, siloed plans that don't fit with each other.

- MS. WIELAND: Absolutely.
- MS. EATON: So I'm really glad that you said that, because I want to reiterate again, critical members of...so there's...I'm sort of the project manager, but much more important is the team, right? Working with me is Linda Munsell from Housing, and Phillip Anderson, as well as, as you know, Dave Yamashita from Parks, Marc Takamori from Maui Bus, Nolly Yagin from Department of Public Works. So this is the way the proposal was written, purposely written, was to make sure it is a very integrated effort. Because as Yuki well knows and pointed out, I cannot, nor will I, do this all by myself. It makes no sense. So for example, if we're looking at affordable housing, it's not Planning picking that out, it's Planning with Housing picking that out. And then obviously looking at the infrastructure aspects of this, and what that means –

COUNCILMEMBER KING: Okay. Thank you.

- MS. EATON: --so. No. Thank you, and that's a great point about . . . (inaudible) . . .
- COUNCILMEMBER KING: Yeah. There's a lot of affordable housing going into Wailuku. So --

MS. EATON: Yes.

COUNCILMEMBER KING: --putting that into the mix, and showing what we already have, so that we don't overload one –

MS. EATON: Right.

COUNCILMEMBER KING: --you know, more...everything on one community. So thank you for that opportunity, Chair. And I'm going to sign off in a couple minutes here. But really appreciate what you're doing, Pam –

MS. EATON: Thank you.

COUNCILMEMBER KING: --and the foresight that you've had. Because to me it's really important when you go out for engagement, that we're truly, you know, incorporating what people want to see.

CHAIR SUGIMURA: Thank you. Thanks, Kelly, for . . . (inaudible) . . .

COUNCILMEMBER KING: Thank you. Thank you for the . . . (inaudible) . . . Thank you, Ms. Wieland, for being here.

CHAIR SUGIMURA: Thanks, Kelly, for being here, and you're going to sign out. But Jennifer,

did you want to add to that?

- MS. WIELAND: I think Pam did a really great job of pointing to the some of the specific outcomes that we expect here. And I would just really want to appreciate the Councilmember's comments about asking folks specific questions as well. So admittedly, what would you like to see, what outcomes do you hope for, is a very broad question, and we wanted to start there with the Council. But we do see the visioning process for this work being very focused on specific sites, specific connections, where you're trying to go, what types of connections do you want to make? So that we do get that feedback that we can do something with. And I think, getting to that type of recommendation that says, "this grant source, these requirements, there we go," is really where we want to be. Not just a list of, you know, a million, million, million dollar things that are going to be very difficult to accomplish.
- COUNCILMEMBER KING: Okay. Thank you, Ms. Wieland. And then the last comment I want to leave you with, is don't forget the airport...to link the airport in. Because that was one of the issues with the rail that just frustrated the heck out of people, is that, originally --
- MS. WIELAND: Absolutely.
- COUNCILMEMBER KING: --it was supposed to go to the airport, and they cut that out. And everyone was going, well, why even have a rail? So, all right. Thank you, Chair. I'll sign off now. Good luck.
- CHAIR SUGIMURA: Thank you. Have a good meeting. Next, Mr. Sinenci.
- COUNCILMEMBER SINENCI: ...(audio interference)...Chair. And Mahalo, Ms. Wieland and Pam for your presentation. Yes, I am supportive of the transit area affordable housing around the transit corridor. I lived in Portland, Oregon for a couple years, so I can appreciate a very vibrant waterfront park. So if you're asking about something, if we can connect somehow along the waterways and even further down into...towards the beaches of the north shore, that would be...that would add to the vibrancy of our...of the continuation towards the airport, and the corridor towards the beaches. Portland has a light rail. I think the light rail, albeit, not a...it's on the ground, and it's not all these, you know, huge fiasco. But I think that helps with cutting down some of the traffic from outlying areas, and for people to easily move throughout the corridor. I appreciate the Catholic Charities project. It's affordable, it's quick. If more of those could be along the corridor, I'm supportive of that. I also think some of these affordable housing projects should be considered in the light industrial area for mixed use. Where when we talk about mixed use and working...living where you work. So maybe there could be some housing above and businesses below. We've got a lot of industrial areas that could be potential for...to support walking...walkability. And then finally, I would definitely support having the Planning Department put priority for these transit area housing over other developments, and put priority for these housing first before anything else. Just my comments. Thank you, Chair.

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MS. EATON: So I have a comment to Councilman Sinenci's comments. Thank you. First of all, with regard to putting affordable housing in light industrial areas, as you guys probably recall, two years ago, we updated the community plan land-use designations, and that's where those will fit very, very well with what we're trying to do here. Because in terms of small town center, and those types that I know Tamara is very familiar with, that's where we have mixed uses that basically will be very amenable to having, you know, light industrial types of uses with...combined with residential and transit hubs. as well as--because they're non-vehicle dependent--bike paths, and walking areas, and stuff like that. So that's like an easy fit. Also, by the time we're done with this, I can pretend that I knew that this was going to happen all along, but 18 months from now, we'll be ready to start Central Maui Community Plan in terms of the update. And so a lot of work and really great studies and information will be available that we can adopt and put into that. And then to your point about connecting with beaches and the north bikeway, and all of that. This is kind of like this sort of amorphous thing that we're doing, but we have these open connections. Like, for example, the harbor. You know, if we ever did anything with the harbor, and, you know, provided something halfway decent other than Whole Foods. Don't get me wrong, I love Whole Foods, but if I got off a cruise ship and that was the only thing I could walk to, you know, just saying. There's all kinds of opportunity that we plan to link into this. And then the final thing, because you asked about it. There is another grant. It used to be called, the TIGER grant. It's now called, the BUILD grant that U.S. DOT puts out, and I know Yuki's familiar with it. But it basically...I love the acronym, it's better utilizing investments to leverage development. I mean that... I literally, when in writing this RFP, was writing to that criteria. So there's a lot of opportunity, depending on which way we want to go. But this will not sit on the shelf, I promise. We can launch off from here to really do some cool things. Anyways, thank you for your questions.

COUNCILMEMBER SINENCI: Mahalo, Ms. Eaton. Thank you, Chair.

- CHAIR SUGIMURA: That's brilliant, Pam. You wrote the RFPs so it can fit future build...that's exactly where I was hoping this would go so that we can build up on that.
- MS. EATON: I'm lazy. I didn't want to have to do...I was trying...I'm very lazy. Just going to do this one time.
- CHAIR SUGIMURA: You're not lazy. Any other questions? No. Oh, Tamara, did you...and Mike Molina, and then Keani. Okay.
- COUNCILMEMBER PALTIN: No. I was waiting...(*audio interference*)...Pam, because I didn't see anyone...(*audio interference*)...I'll yield to the other Members, because I had one. But before you close questions, I have one.

CHAIR SUGIMURA: Please go ahead.

COUNCILMEMBER PALTIN: In terms of specific site connections, I think, you know, it kind of is what other Members had said. But jobs, schools...and then I know the transitoriented corridor from your diagram in your presentation, but I also think it's really

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important, all the affordable developments in Wailuku, if we can somehow link that onto the corridor as well. The other thing I did kind of want to ask about, was...you know when you said, what do you want to see? There's so much there that's already there. It's not like we're starting from scratch. So kind of echoing Member King's sentiment. But are you going to let us know what ECONorthwest says is the capacity of place, or what even the community says is the capacity of place? Because there is room to grow, but what do residents think that capacity is? What do like investors think that capacity is? And things like that, as well as, you know, I guess there's some concern about dunes and what not. How does that play in to the situation? Like if all things are equal, and vou don't take that into consideration, this area might look perfect for it, but, you know, you don't want to be building on people's graves, and things like that. Or even the sand dunes that took thousands and thousands of years to form, and aren't found, really, in any other place...kind of islands like that. So just how do you take those things into consideration, and whenever you tell anyone, what do they want to see, I think it's dangerous to leave it, so like, what do you want to see, when there's so much there already. And like how Member King said, the parameters. Because when I heard that question, and I saw the diagrams and what not, but my mind just went to what I want to see, and you know, West Maui and moving the road inland, and stuff like that. So I think parameters are really, really important because when you say, what do you want to see, that's where my mind goes to. I want to see the road move inward at West Maui. You know, and I just totally off track.

- MS. EATON: I just will offer one quick thing, and then I know you can dive deeper, Jennifer. And that is, if you look at the schedule, and I think Jennifer said it really well in terms of the rest of the year. Task B...well, one of the main tasks is basically creating this community profile. And the community profile is hoping to answer a lot of those things that you brought up, Tamara, as far as doing a very in-depth market analysis, and economic development, you know, what are these impacts going to be; and that gets to that capacity question. So that should be done by the end of the year, so that when we really do start investing the stakeholders, like the investors, the residents, and so forth, saying, here's the facts, here's the results and the outcomes of these studies. Let's start from here, because then you get into visioning. And then, of course, the key part of that, and really cool part of that, because you were bringing up linking in the Wailuku affordable housing to all of this thing, is that whole design standard. You know, because as Jeff Speck, and I know you've heard him say, one of the most critical aspects of, you know, commuting to work is once you leave your door, and that walk or bike, or whatever is, or scooter ride from your door to the bus door, you know, that thing. And then that's where a lot of that cool stuff kicks in. So the other thing I would offer, and then I'll pass off to Jennifer, is that I think it would be cool to have, at the end of year or January as appropriate, coming back to you guys and having a presentation that gives these results, and sort of a shortened version of, okay, here's what we found. I just...I'm going to offer that up. I think that would be kind of an important milestone to have with this Committee. Jennifer, if you want to answer that?
- MS. WIELAND: Yeah. I would echo that, Pam. I think that having this Committee's engagement throughout, as we start to see what some of the early input from the community is, what some of the early input from the technical analysis is. Those two

pieces need to be brought together. One of them can't exist without the other to really give you a meaningful outcome. So that feels really important to me. And I think another piece that is so important is the opportunity to engage, right from the beginning, with the County's new archaeologist. You've made this wonderful hire, and she will bring a perspective that we haven't always been able to have access to, early in this type of process. And so grounding in that understanding of the history of the place, and what is already there. Councilmember, you made a great point. It's not like this is a green field, right. There are houses, there are businesses, there are communities that exist. And this is really about how we provide better connections for them, and help them grow into what they want to be for the future. So I really appreciate that importance focus on the place as it is now, and what it has been as well.

COUNCILMEMBER PALTIN: Thank you so much. Thank you, Chair.

- CHAIR SUGIMURA: Okay. Thank you. Next, Mr. Molina, followed by Keani Rawlins-Fernandez, and I guess, Ms. Lee.
- COUNCILMEMBER MOLINA: Okay. Yeah. Thank you, Madam Chair. Good morning Ms. Eaton, and Ms. Nyland *[sic]*. First of all, appreciate what you're doing here, it's a really good, very visionary. But can you share with me what some potential challenges may be with implementing this quarter master plan? And I ask this because, you know, while, you know, we look at developing, you know, affordable housing, and tying it into the transportation corridor. There's a segment of the population that expects us to consider land use and zoning designations to look at where we can lessen density, and reduce loss of, say, agricultural lands, then get a better handle of population growth. So can you share with me how, with the implementation of this quarter master plan, and how it can be balanced with those concerns that I mentioned?
- MS. EATON: Do you want to start, Jennifer? I'll --
- MS. WIELAND: Sure.
- MS. EATON: --jump in after you.
- MS. WIELAND: Sure. Absolutely. So the first part of your question was around where some of the challenges might be. And certainly, when we're talking about a corridor that is over two miles long with the variety of ownership that exists along the corridor, that in and of itself, is an important challenge. And I mean that both from a transportation perspective. This is a State-owned corridor, which can be challenging when we think about how we really focus on connections for people, and creating that multi-modal corridor that Maui has said, you know, this is part of what we want to see. So that's a challenge. I do think that the variety of landowners is a challenge that we'll need to address. And so to me, that really starts with the conversations right off the bat.

We need to invite people in from the beginning, not surprise them with any of the information we're trying to gather, or the data we're collecting, and let them be part of helping us understand where growth is going to be more or less appropriate. I think

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that with this kind of corridor, especially when we're talking about the opportunity for really high quality bus service, when we're talking about the opportunity for more affordable and workforce housing, it may be appropriate to think about a little bit more density along this corridor. So that in other areas of the island, in other areas of Kahului and Wailuku, we're not having as much density. So I do think there has to be a balance. Just because we're talking about transit-oriented development does not mean that we're talking about six- and eight-story buildings everywhere. That's part of making this right for Maui is being very surgical almost, and thinking about the places were that kind of growth is appropriate.

COUNCILMEMBER MOLINA: Okay. Thank you.

- MS. EATON: That was really well done. The only thing, and I know you've heard us say this, almost to the point where it's overused, is that whole concept of a complete community. So avoiding the sprawl, and basically you've got existing infrastructure. One of the reasons the way this was done, like the infrastructure assessment that'll be done, is yes, there's probably going to need to be improvements; but again, there's many Federal grants that can build upon the infrastructure to make this possible. But having that complete community, where you can have denser areas, not six, ten, and eight foot...sorry, floor buildings. But as appropriate, so that you don't have that sprawl. You've got everything there. Hopefully people biking more, walking more, in kind of this close confine, if you will.
- COUNCILMEMBER MOLINA: Thank you. Pam, you touched on my next question I was going to ask you. Any thoughts given to introducing a bike system similar to O'ahu's bike system?
- MS. EATON: I would love it. That would be great. There's been a lot of thought. I know the MPOs looked into some areas with that. I think that would be a really neat launching off thing for this. I think the...there's a Central Maui bike plan that I think is great, that I've included as part of this study to start with. I think they did a great job. So I would love to see that. But again, you brought this up, and that is, we got to have these landowners involved. You got to have business owners involved. And one thing I was going to ask, is there's another layer to the management of this project, if you will, and that is, we do have a TAC, all right, the Technical Assistance Committee. So if any of you have ideas with somebody who represents a particular industry, particularly business, and so forth...a name of a person who you think would be great to have involved, we'd love to have those suggestions and ideas. We're in the midst of putting together this TAC.
- COUNCILMEMBER MOLINA: Great. Well, thank you very much for your responses. Thank you, Madam Chair.
- MS. EATON: Thank you.

CHAIR SUGIMURA: Thank you, Mr. Molina. And Keani Rawlins-Fernandez.

- COUNCILMEMBER RAWLINS-FERNANDEZ: Mahalo, Chair. Mahalo, Ms. Eaton, and Ms. Wieland for your presentation. So my question is regarding sea level rise and...(*audio interference*)...and so I understand that you're, you know, trying to make a complete plan. How are you incorporating the expected sea level rise and the impacts that it'll have on this plan so it will be complete and not create different puka in your plan? Because sections would be cut off from sea level rise or flood inundation.
- MS. WIELAND: Great question. We...so as part of our early work, even before we proposed on this, we thought very carefully about which areas of this corridor are within the zone of sea level rise. And certainly, especially as we are closer to the Kahului side of the corridor, there are more and more areas that are potentially vulnerable. So there are couple things...ways, that we've started to think about that. First and foremost, is acknowledging it from the beginning. This is a reality for this corridor. And we all, through our work together, are doing...we want to be doing everything we can to reverse the effects of climate change, and hopefully slow down storm events and sea level rise, but it is happening. And so we need to acknowledge that, and we need to plan for it from the beginning. Part of the way that we think about that with these kinds of major capital and infrastructure projects is focusing on how we create really adaptive infrastructure that...and what I mean by that is infrastructure that, for example, if there is an event, you know, it's got the systems in place to be able to handle the water, and to be able to clear itself out as quickly as possible. We don't want that to happen all the time. We want to be able to site things and to plan things in a way that generally, we're able to avoid those kinds of impacts. But we do need to think about stormwater, we need to think about green systems; that could help to process those impacts quickly as possible. So that's one piece of it. And then I think also, as we begin to think about some of the new uses that might be along the corridor, we may want to focus some of the less populated uses, some of the more recreational or softer uses in areas of the corridor that are maybe a little bit more vulnerable to sea level rise. So that if there is an event, you know, we're not losing homes every time it happens. So those are a few things that we will have in mind as we get started with this work. But there's been a lot of research done, and a lot continues to be done in Hawai'i to really focus on the ways that you create resilient and adaptable infrastructure that can respond over time. So that's the mindset that we're using as we begin this work together.
- COUNCILMEMBER RAWLINS-FERNANDEZ: Mahalo for your response. So I guess this question will be for Ms. Eaton. In choosing to do this TOD for Kahului, Wailuku area, was there a study conducted...like, what are . . . I guess I'm still not super clear on what the goal of this is. If it's to reduce traffic within Central Maui, is that the goal, to reduce traffic?
- MS. EATON: That's one of the goals, I suppose. Really, since we're looking at this specific area, there's several goals. One is, of course, to create these more complete communities, as we said, by trying to locate affordable housing. Putting people in affordable housing close to jobs, and close to businesses and commercial services. Having the availability of cheaper transportation instead of having to buy a car. Having more, in terms of, bus, public transportation. Having more ability to ride a bike. Having more ability to walk. Having parks in these areas. So it's sort of a multi-faceted goal,

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which is what you tend to do when you've got a lot of mixed uses. And again, it's...to sort of avoid the sprawl, but to create these more, like, complete streets, these very complete communities, and stronger networks.

- COUNCILMEMBER RAWLINS-FERNANDEZ: Okay. So I guess....I think I understand. So...because a lot of traffic comes in from, like, Upcountry, you know, north shore, and like, West Maui. So a lot are coming in. And I don't know what the percentage is of those who live outside of Central Maui that are driving into Central Maui for work. But I guess with this TOD, it sounds like the goal is to increase density within Central Maui, and to increase more affordable housing projects within this TOD area.
- MS. EATON: I think that's going to depend on the market analysis. But when you say increase density. We're not trying to create a megalopolis. If anything, we're trying to have affordable housing that is actually close to public transit, bikes, parks, and jobs, and services. Because a lot of times, affordable housing is...doesn't necessarily have that very tight connectivity. So that would be a benefit. I also neglected to say that one of the Chairs of the TOD Interagency State Council is HHFDC. And they too, are very excited about this project. And I can tell you that they have said, they would be very interested in once this is done, when we get towards implementation, taking on some of these housing projects and helping afford...helping to fund those projects as well. So there's a lot of opportunity and end goals. But I wanted to make it clear that it's sort of the cog, if you will, the critical piece is affordable housing.
- MS. WIELAND: And Councilmember, you made a really good point, which is that there are a lot of folks who are coming to work in Central Maui, and at different points along this corridor, who are coming from other parts of the island. And many of them will still need to drive to make those trips. And so this is not about, you know, moving everybody onto the bus, but it is about providing a really good transportation option, and a series of really good transportation options, so that people have more choices, and that it is possible for folks to find affordable places to live that are closer to work. So it is going to provide some opportunities for people to travel in different ways, but it is certainly not going to change what everybody needs to do in terms of how they make their way to Central Maui. It might be possible that, you know, on the . . . let's say, on the Kahului end of the corridor, there may be a few areas where we do focus some parking opportunities, so that some folks who need to drive from Upcountry are able to park, and then take a bus that comes really frequently, if they're trying to head into Wailuku. So those are things that we could explore as part of this. But it is a really important point, that this corridor carries a lot of people, and not all of them live in Central Maui.
- COUNCILMEMBER RAWLINS-FERNANDEZ: Mahalo. Okay. So that was part of my next question, I guess, that this plan isn't...is kind of more forward looking. So not looking at relieving the current traffic that we have that is within Central Maui, but looking forward to potential increase of traffic if we build more affordable housing within this area, and to get ahead of those projects to provide better transportation, so that those that would be living in these future affordable housing developments would not be needing to drive their car to work and instead, would go onto these transportation systems. And looking at how they do in other places, like, Paris, where you park outside

of the city, and then you take a bus in. So those are some of the ideas. Okay.

- MS. WIELAND: We could certainly explore things like that. I do believe that we can....I do believe that we can do some things through this project that take care of some of the near-term, the current challenges as well. It doesn't all have to be about answers and solutions that only work when there are there are ten new affordable housing developments along the corridor and Central Maui. I think there are some changes that can be made to improve the way that people move along Ka'ahumanu Avenue right now, to really improve the walking conditions, to provide some transit service that works for people. So I do think there are things that we can see come into place much sooner than when development may happen.
- COUNCILMEMBER RAWLINS-FERNANDEZ: Mahalo, Ms. Wieland. Mahalo, Chair. Mahalo, Ms. Eaton.
- CHAIR SUGIMURA: Thank you. Thank you very much. And Ms. Lee, and then I have a question from Tasha Kama. So Ms. Lee?
- VICE-CHAIR LEE: Madam Chair, I really don't have any questions, just a comment that I appreciate the comprehensive teamwork that's, you know, going on here...the process, and the good questions that the Councilmembers are asking. So I'm just sitting here enjoying the conversation and learning. Thank you.
- CHAIR SUGIMURA: Very good. So, let's see. From Tasha, we have...this study...how much density is needed at transit stops to get the critical mass to get transit use by choice?
- MS. WIELAND: That is the one million dollar question. My goodness. So this is a question that comes up every time we do any sort of transit planning work. And there are a lot of different opinions about what the thresholds might be. The short answer is that it very much depends on the mix of housing and jobs. I firmly believe in our practice at Nelson/Nygaard...this is shared across the work that we do, that looking only at density, looking only at housing, is missing a really important component of what it takes to ensure high quality transit and provide that ridership. You have to be factoring in the connections and the places that want to go, that people want to go, and so I think that combination is really important. We look at combinations of jobs and housing that set thresholds that vary a lot. And really, what they look at, is the level of transit service that can be supported by different combined housing and jobs densities. Sometimes as low as 15 jobs and housing units per acre is enough to support really high quality transit service. It depends a little bit on what the options are in a place, and where people are trying to connect to. So I'm happy to share with the Council some resources from research that we've done, and other work that we've done at Nelson/Nygaard. But it is truly a range. And I would be doing you a disservice if I tossed out a number that was right for Maui. We will learn that as we go through the market analysis, and we'll certainly bring that back to Council. But I wouldn't want to put a number on it just yet.
- CHAIR SUGIMURA: Thank you. Appreciate it. I'm going to...if you're fine, everybody, Members, I'm going to close this section, and invite you back. Pam, we'll talk about this

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when you're ready to, you know, come back, and maybe have a broader perspective after you do some of your community engagement; or I guess, you narrow down your perspective, once you have your community engagement. So we look forward to that. Of course, curious to see if there may be some budget requirements that may come out of, you know, your discussions with the community. I'm thrilled to see, Pam, that you're thinking about grants, Federal grants that are out there. And I do know that the BUILD grant, which has been on our horizon, just needed to have some kind of focus in order to qualify. So thank you for, you know, doing that, and thinking of it as you develop this, because it certainly...it provides the leadership that we need to move forward. So anything that the Council can help you with, I'm sure all of us will gladly see you get money from the, you know, other sources. So at this time, Members, I'm going to defer this, and bring it back at another time. Jennifer, glad to see you working on this project. Pam, thanks for being the leader in putting this together. And as I said, as amazing as you're doing your CPAC for West Maui, you found the time to squeeze this in. So appreciate that. Thank you very much for Michele also, although she's not on this call. Because it takes that department's leadership to, you know, kind of move you all forward. So appreciate it. You have any closing comments before I defer this? Pam?

- MS. EATON: Just thank you, all. You guys had great questions. Great things to think about. And if you have any questions along the way, or your staff, please feel free to call me. But thank you so much.
- CHAIR SUGIMURA: Thank you. So Members, I'm going to defer this item, and bring it back at another time, once we have more information. So thank you, Jennifer, and thank you, Pam, very much.

### COUNCILMEMBERS VOICED NO OBJECTIONS (Excused: RH, TK, KK)

### ACTION: DEFER PENDING FURTHER DISCUSSION.

CHAIR SUGIMURA: Members, I'm going to take...it's 10:50, and I'm going to take, like, a ten-minute break and then bring us back, and we'll take the Water Use Development Plan after that. So at this time, I'm going to call a recess. . . .(gavel). . .

### **RECESS:** 10:50 a.m.

### RECONVENE: 11:00 a.m.

CHAIR SUGIMURA: . . . (gavel). . . Welcome back to the Water, Infrastructure, and Transportation Committee Meeting.

### **ITEM WIT-25: MAUI ISLAND WATER USE AND DEVELOPMENT PLAN** (CC 19-162)

CHAIR SUGIMURA: Our second item on the agenda is WIT-52, I'm sorry, WIT-25, which is the Water Use Development Plan. And Members, we have today, the addendum which, as you know, will capture the things that have happened after the plan was finalized. And

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as you know, during the testimony that we had from the community, a lot of them asked the questions about projects that actually happened after the Water Use Development Plan was completed. So what we decided to do was add this addendum. The document that you have in Granicus is dated June 23rd, 2020, and it basically is the addendum which will keep or add to the Water Use Development Plan, and it will need your approval today. And I would just state that the major changes that impacted the water resource occurred throughout the development of this plan. Cessations of sugar cane cultivation, that's stopped. Reopening of contested cases. Contested case decisions and orders, and establishment of an interim instream flow standards. This addendum addresses the following issues occurring in the years 2018 through 2019. Number one, contested cases integrating designated surface water management area water use permits. Interim instream flow standards and appurtenant rights. Number two, interim instream flow standard assessments and decisions. Number three, adopted revisions to aquifer substantial yields. Number four, published agriculture plans and irrigation projects for Mahi Pono. Revisions were made to chapters 14, 15, 16, and 19 of the plan. So at this time, I'd like to turn it over to Mr. Pearson, and then to Eva Blumenstein. Mr. Pearson, you have any comments?

- MR. PEARSON: Yeah. Good morning. Thank you, Chair, and welcome, Members of the WIT Committee. Glad to be here. That was going to be somewhat of my opening. Thank you, Yuki Lei. Yeah. Those are the changes that have taken place since this Water Use and Development Plan was first being presented. And you know, there's been a lot of time that's ticked by. That's why...thank goodness there are some changes, and I think most of the changes are for the positive. So...and of course, the most...the more we can integrate into this plan, the better plan it will be. And as changes go forth in the future. It's a moving document, so we can also, you know, use those future changes as part of our planning document. So yeah, the IIFS has changed. So the interim instream flow standards have been revised, or implemented, actually, for both East Maui, and a portion of West Maui. The Water Commission's moving north. For West Maui they've, so far, got the interim instream flow standards for Ukumehame Stream, Olowalu Stream, Kaua'ula Stream, and Kahoma. So the ones that are still outstanding are Honokowai, Honolua, and Honokohau. So those are the further north streams that are not...do not have established IIFS vet. Sustainable vields, as it says in this addendum, they don't really affect the planning document much; but there has been some changes. And that, I think, is on your last page of this addendum, just to...to list what the sustainable yield revisions have been due to the efforts that Sea Worm has done. And as...and, of course, Mahi Pono. So I'm going to stop there and let...we didn't...we didn't provide a presentation this time. You've probably seen enough PowerPoint presentations from Eva and from Water Supply on this topic. So we're pretty much referring to the addendum that was sent...sent to you. Hopefully, you had a chance to look it over. Eva's much more well versed on this, so she'll be here to answer any questions you have. I think you're going to give a real short... Eva's going to give a real short summary on what more...little more specific in what these revisions show in the addendum. So I'll pass it on to Eva if okay with you, Chair.
- CHAIR SUGIMURA: Yeah. Thank you, Mr. Pearson. Eva, thank you very much for working really hard on this addendum, this 38-page addendum, to address the things that were

highlighted. So you want to give the Committee a summary, and then we can go to --

MS. BLUMENSTEIN: Sure.

CHAIR SUGIMURA: --questions after. Thank you.

- MS. BLUMENSTEIN: Would you like me to share the addendum on my screen? So we go through...I'll...I'm just going to go through an overview for each chapter, and not in detail. I think you're muted, Chair. I can't hear.
- CHAIR SUGIMURA: Sorry. Could you share the screen? The Members are saying yes. Thank you.
- MS. BLUMENSTEIN: Okay. So just overall, the various issues that Chair mentioned that are affected in this addendum really just impact nonpotable irrigation demand over the planning period. And in all cases here, it's revised downward because of the reduced in relation to previous projections from HC&S and into the transition for Mahi Pono. The predicted demand is less compared to what we had projected two years ago. For...for East Maui, there's a bit of reallocations between surface water and groundwater; but overall, all the ... even though it seems kind of extensive, it doesn't really impact the ... the strategies that much. So I'm just going to do a real brief overview by...for each chapter. So for Wailuku Aquifer Sector, the...here...the contested case...the pending contested case has still not been resolved. So we have already incorporated the 2017 proposed decision order. The only thing that changed was Mahi Pono, and HC&S requested for little lesser amount and a...for surface water use permits. So agriculture irrigation demand is revised to 11.2 mgd instead of 16. So that's reflected in that Figure 14-29 on page 2. And I saw, after I submitted it, that the legend fell off the page, so what I'm showing you has the complete legend on it. It was missing the last rows there, and that is reflected in the following table, 14-34, as well. The total selected demand that includes agriculture demand then is...is down, or five mgd less than we had in our March 2019 published plan. The addendum also outlines the various provision that was agreed upon between Mahi Pono, Hui o Nā Wai 'Ehā, and Office of Hawaiian Affairs that impact some of the management of the Wailuku Water Company's system and off stream water uses. On the next page, Figure 14-30 and the table below, the only change that is also reflecting the lower projected demand, 64.23--I don't know if you can see me pointing or not--instead of 69, same. And the table below here, population based mid-growth, including the Department's Central System, 64 mgd instead of 69. Sort of, as I told Chair, it's sort of a domino effect. I'm...just try to incorporate the changes in all tables and graphs throughout the chapter so it'll be consistent. Figure 14-31 and the table below, same thing. Overall demand revised down to 64. And then under strategies, chapter 14.8.1, Resource Management, the only change there is HC&S Diversified Ag Plan had proposed bioenergy crops on the central isthmus that seemed to be a nice fit for expanding R...R1 or R2 water. That doesn't seem feasible any more in terms of the location of bioenergy crops. So strategy eight...strategy eight is just revised in terms of the language to rather than focusing specifically on crops, it now says, expand distribution from Kahului Wastewater Treatment Facility for commercial landscape and other nonpotable irrigation applications. Nothing's changed in terms of

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capacity, and the lead agency would be Department of Environmental Management. Following the table below, same thing; total demand was revised just to reflect the reduced agriculture irrigation demand. In the strategy table, 14-41, the only change is then the R1, R2 expansion, strategy eight here, the language. This is on page eight. Okay. Moving to chapter 15, next page, the Central Aquifer Sector. So for Central, which includes the Upcountry system and surface water use on the Central isthmus, of course that water is diverted from East Maui streams and the Ko'olau Aquifer Sector. The decision order that was issued June 2018 was incorporated in the plan that was presented to the board in August 2018, and then on to Council in March 2019. But since then, of course, there was a transition to...from HC&S to Mahi Pono and a revised agricultural diversified Ag plan. So we first looked at Mahi Pono irrigation demand for current needs, 2019-2020, and then later...now we have incorporated their...the Mahi Pono Farm Plan that projects its needs and irrigation through the year 2030. So the table right below here breaks down the protected crops and water duty and what would be available from surface water, and that's all East Maui streams through the EMI system and groundwater, which would be brackish water from Kahului and Paia aquifers to supplement surface water. And the groundwater is sort of dependent...available groundwater is dependent on how much surface water is imported and irrigated 'cause that...that impacts the availability of the groundwater underneath. So those numbers change a little bit. Available brackish water and surface water for their projected needs, it totals now 82.3 mgd down from 89 mgd in the HC&S Diversified Ag Plan. The next page is...so Mahi Pono's storm plan, just illustrated the different crop types. And this is not in a...for a specific time frame, this is just through year 2030. Okay. Below, under chapter 15.6.5, there is a revised table. We did adjust the low, mid, and high growth scenarios for agriculture irrigation demand, where the selected demand now is, by year 2035, build out or full utilization of the Mahi Pono Farm plan. So irrigation demand totals 82 million gallons a day for 20,650 irrigated acres. There's some acres of pasture that's not irrigated, and fallow uses as well. So overall, that impacts total demand for this aquifer sector; total of 2035 demand is now 122 million gallons a day. It decreased from 128. There's no changes to municipal and other demand. This is just reflecting that...the reduced Ag needs. And a figure 15-26 below reflects that same number under 22.3 mgd. And page 12, same thing. The revised...can you see that here? Yeah. 122 mgd by year 2035. So this includes, as before, midgrowth scenario; includes Upcountry system, the Upcountry meter priority list and Department of Hawaiian Home Lands' list. Okay. Those changes are reflected in the tables and figures below under 15.7.2. Yeah, figure 15-27, 122 mgd now instead. And the figure 15-28, same thing here; no changes in...in supply. Figure 15-29, top of the list here too, 122 mgd. Okay. 15.8.3 on the strategies, conventional water source strategies, that means development of groundwater or surface water. There was no, sort of, better data available. The...the tricky part is that when IIFS, interim instream flow standards are established, they really just look at baseflow in the stream. This is the first column here in table 15-35. So that's just whatever is available from groundwater recharge to the streams, not accounting for...for rainfall and runoff and whatnot. So we know IFS established baseflow about 20 mgds available. And then we have some additional flow from the streams that were not part of the contested case, but then we have to factor in what's actually on an average basis available in...in totals, though. That's including all the rainfall and runoff and whatnot. And then we had to make an

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adjustment to available groundwater. Like I said, brackish groundwater underneath those fields that are irrigated, depend on how much that irrigation return flow is. So this was adjusted downward a bit from 17.8 to 16.4 mgd. So here's, sort of, the range what's available. Baseflow, .4, to total flow including brackish water, 94 mgd available total. So under alternative water source strategies, this is not groundwater/surface water, but this is recycled water, stormwater capture, rain catchment, that kind of thing. The farm plan, of course, the energy crops were not within...it doesn't seem like they're within a...a distance that they could actually reserve by the Kahului Wastewater Treatment Plant. So just as in the Wailuku Aquifer Sector, we really just changed the language here. It's still desirable to upgrade R2 water from the Kahului Wastewater Treatment Facility to R1 so it can be made available to more uses, such as irrigation or food crops, et cetera. So strategy nine is amended to the language, expand distribution from Kahului Wastewater Treatment Facility for commercial landscape and other not potable irrigation applications. No change in available recycled water, and the agency is Department of Environmental Management. Okay. Under Recommendations 15.9, the adjustments for Mahi Pono projected needs now means that about 93 percent of available surface water and...and brackish water can...can meet most of the needs. So under total flow conditions, more of the projected agriculture irrigation demand can be met. This assumes that some of that surface water from East Maui would be allocated for additional municipal use at Kamole Weir to serve Upcountry. If that is not feasible, and the alternative is that more groundwater would be needed from Ha'ikū aquifer to supply the Upcountry system as well, that impacts, of course, how much surface water in the end is used for non-potable agriculture. So...sorry, my phone's ringing. So the bottom of table 15-38 is revised. At the bottom, you can see nonpotable surface water baseflow about 28.5 and total available for...total flow is much more because that...that range from baseflow, 28.5 million gallons, to total flow was 78 is... is a range that really varies depending on if you have a long-term drought you...you have to be prepared to have backed up contingency supply groundwater or alternative sources. So the strategies did not change. Groundwater backup, both for municipal supply and for agriculture needs, the total demand for nonpotable uses was decreased to 122 mgd. And the strategies, summarized in table 15-39, the only change was the R1, R2 strategy number nine language. Okay. I'm going over to chapter 16, Ko'olau Aquifer Sector. So again, the contested case decision order from June 2018 was already incorporated. I did add the statement on the Board of Land and Natural Resources lease pending situation in here, as A&B Properties submitted their Draft EIS in September 2019. Also, because the Commission on Water Resource Management updated their Water Resource Protection Plan and they revised sustainable yield for all aquifers statewide, most of the impact from Maui was within the Ko'olau and Hana Aquifer Sector. So with the biggest There's no proposed strategy to utilize impact here for...for Honopou aquifer. groundwater from...from Honopou. No...no further groundwater been developed from there. The impact on Ha'ikū aquifer, the sustainable yield, was revised from 27 to 24. Does not impact the strategy because the eight mgd up to eight mgd proposed to be developed from Ha'ikū aquifer is well within sustainable yield, and what's being pumped to date. And then, as Director mentioned, all the revisions to sustainable yield is shown in Table A-1, the last page of this...of this addendum. Table 19-36, I did find a typo, full disclosure here, I missed some zeroes that I have added on here, 2017 and 2018. It looks different from your version. Okay. So it really just updated the numbers, same

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as I talked about for chapter 15. Okay. A little more happened in Lahaina, chapter 19 on page 24. Director summarized that some of these streams, the Commission has finalized assessment and actually established IIFS; and for other streams that were northward, they have completed assessment of the ... to ... to do ... to establish instream flow standards, but we don't have those numbers yet. And pretty much for, I mean, all these scenarios here, they're only little bit different; but for when there are total flow under normal average conditions, there's basically available surface water for Ag and other irrigation demands, but not during drought conditions. So when you're looking at streamflow during drought conditions and making sure that IIFS are satisfied, then we have a greater need now for supplementing groundwater, whether that is for municipal Ag or irrigation. So it's not that there is no water resources available to...it just, sort of, shifting to groundwater to offset surface water that's...that is returned to the stream. So that is the case for both Kahoma, about 0.4 mgd will need to be met by groundwater from Launiupoko aquifer. For Kanahā Stream, the impact is on the Department of Water Supply. We have to mitigate streamflow restoration with additional groundwater also from Launiupoko aquifer. This was anticipated already in the plan, so it's really not much of a difference. It's when the actual IIFS were established, turns out we have to develop an additional 0.24 mgd instead. So it's a little more than we had anticipated. Ukumehame Stream, small impact revised strategy is an additional 0.1 mgd, nonpotable groundwater for...from existing wells. Probably no new well development needed. Olowalu can still meet the...most of the Ag and landscape and irrigation demand. However, there's some high water duty there, so it's also assumed that conservation measures, targeted conservation measures, would help to...to mitigate demand for...for some of the resort and commercial irrigation. For Launiupoko Stream, during drought, 0.07 mgd must be...is needed from Launiupoko aquifer. Same...same thing there, landscape irrigation is projected to be mitigated by outdoor conservation. Kaua'ula Stream, potable system backup, aggressive conservation is needed. About 0.396 mgd needed from Launiupoko aquifer. Then for Honolua and Honokohau Streams and the Honokohau Ditch, which is the common system for these streams, there are no IIFS established yet. We did get better data from CWRM's assessment of the system. You know, they go into detail and, you know, interview every person they can find, and...and looking at the streamflow during different conditions. So this really helps us to find...we sort of had a missing 4 million gallons that we couldn't reconcile that we know what was being diverted from...from the stream, and then we try to, you know, figure out the different end uses for that, but...so this assessment and this waste complaint that was filed back in 2019 kind of verified where those four mgd was going; that there was water losses. So there's no changes in strategies except for, like I said, sort of just allocating more of the predicted amounts to groundwater instead of surface water and really emphasizing the...the need for R-1 water for...for irrigation as well as Ag for the West Side. Under this...on...on page 25, at the bottom, we assume that DWS...DHHL needs will be satisfied during median flow conditions, but R-1 reclaimed water should supplement all nonpotable demand for new development including for DWS and DHHL needs. Okay. Page 26, Honokowai Stream and Ditch, it's a...so there are no IIFS established for Honokowai Stream. It's assumed that some of that streamflow will be restored as well. So the supply strategy is additional groundwater needed from Honokowai aquifer and expansion of the R-1 to supplement Ag and landscape irrigation demand. And as in the other chapters, all the tables

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reflecting available water and demand have been adjusted. Table 19-3 here, Stream Diversions, Gages and IIFS, it's really just the last column here that's updated with a established IIFS. Page 27, we got a little bit adjusted data on available streamflow; but other than that, it's pretty much the same. Next page, 28, Reported Pumpage, Estimated Surface Water Use and Reclaimed Wastewater; it was . . . missing Honokohau Ditch losses estimated 3.9 mgd. That was, sort of, like our missing link. Page 29, updated Table 19-7. Where we had previously estimated end uses Ag versus irrigation they are quite different now. We thought the irrigation portion was higher and the Ag lower, but they're actually about the same. And then we have a better grasp on this water losses too. So overall, total surface water used did not change. It's just how that was...end use is how...how they were allocated. Okay. So that's reflected in the tables and figures below. Figure 19-7, what portion is surface water versus groundwater for each aquifer system; and table 19-21, same thing, Estimated Surface Water End Use is not revised. Page 30, nonpotable agriculture irrigation mid-growth scenario. It's just updated because we have better data on Ag. use. Irrigation demand projections, the actual method didn't change. We apply increase in demand based on visitor growths about 1.15 percent annually. And strategy, also, so that increase demand to be offset by targeted conservation for landscaping and design and...and build-out. That's not new, just emphasizing that. Then following figure 19-29 is revised to reflect the total projected use by 2035, which is now a little less than based on adjusted numbers for Ag and irrigation. There's no change to municipal projections. And also reflected in table 19-35 below, total mid growth, 29.59 mgd and reflected in all the figures below, figure 19-30, looking at source adequacy, comparing sustainable yield, et cetera. There was no...no revisions to sustainable yields for the Lahaina Aquifer Sector at all. That's not changed. Okay. So upshot here is adjusted selected 2035 demand is 29.6 within a range of high to low...oh, I see a big typo there, just one zero too much. It says 33 not 330, sorry about that. Instead of what we had predicted in your March 2019 draft plan that was 34.5. Just a note here, watershed protection, the West Maui Mountain Watershed Partnership changed name to Mauna Kahalawai Watershed Partnership. And under strategies conservation from the waste complaint I mentioned and the 2018 storm damage the...CWRM has...has ordered a...an assessment and repairs of the Honokohau Ditch. And one of the strategies that was in the plan was actually a thorough assessment of...of the system. So I understand that the...most of these repairs were completed in May of this year. I have not seen the actual assessment, so we have not changed strategy three for now until we know what that looks like. Chapter 19.8.3, Conventional Water Source Strategies; so really, more reallocation between surface water and groundwater. Additional groundwater needed to be developed with more surface water being restored to the streams. So that's reflected in table 19-36, source need and amount develop...source need to meet municipal needs. Some additional groundwater needed from all...I shouldn't say all aquifer systems 'cause it's really...we're not looking at Honokōhau aquifer at all. So from Honolua, Honokowai, Launiupoko, Olowalu, and Ukumehame, a little additional groundwater needed from all. Next page, 34, is a new strategy, number six. We didn't include any specific amounts of developing nonpotable groundwater in the original plan. Now when we have better numbers of what's needed, strategy six is new. So this is to offset landscape irrigation, agriculture demand that has been reliant on surface water. So we plugged in the actual numbers of what that non-potable groundwater needs are. And note, also, under...in the original

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plan, before we had any IIFS established, we had a proposed strategy for, like, seasonal water use, meaning that in...in dry...when...in dry conditions and low flow conditions, then the instream needs are the greatest for...for this kuleana taro lo'i... (inaudible)... . customer uses; and in wet season, or when there's plenty...when streamflow is plentiful, but not too plentiful 'cause then you have too much turbidity, then they're still sufficient for...for everyone to take advantage of surface water because that's...they're always going to be your most affordable source for municipal irrigation or...or other needs. So that hasn't really changed. I mean, that's reflected here that in dry season, all other non...all off stream users is going to have to rely on...on groundwater and other sources because IIFS and instream needs come first. Okay. Chapter 99 recommendations; the demand and supply scenarios are updated then to reflect new Ag and irrigation use and a...a pretty detailed breakdown of how much from each stream and ditch and how much from each aquifer in terms of potable and nonpotable needs. I'm not going into all the details of that one. And again, note that R-1, right...the recycled water, R-1, should be emphasized to ... for ... to meet new ... new potable ... to offset new potable demand and for offsetting nonpotable needs for all these aquifer systems from Launiupoko to Honokowai and Honolua. And the next table they just renumbered, table 19-40, to include that new strategy number six, develop nonpotable groundwater. There is no cost estimate tied to that. We don't have that available. We pretty much just know the...the amount needed. So that's for Department of Water Supply, Private Purveyors, and Department of Hawaiian Homelands as well. Okay. And last page of the addendum is the now adopted revised sustainable yields for all aquifer systems for Maui island. And you can see, and I put in the percent change here too. So for the areas where we propose source development, which includes Waihee aguifer, Honolua, Honokowai, Launiupoko; all these, there wasn't a change. So in terms of strategies for the plan, the only impact is Ha'ikū, where sustainable yield was revised down 11 percent; but the proposed development is still well within that range, with up to 8 mgd proposed to be developed. And you can see them, and there was an impact to...in Hana, Kipahulu Aquifer as well, but there's no new source development proposed there. Okay. That's it.

CHAIR SUGIMURA: Very good, Eva. So I see Vice-Chair Lee has her hand up.

- VICE-CHAIR LEE: Thank you, Eva, for that voluminous presentation. It's a lot of information to absorb, but I have a...kind of a general question. Of all the aquifers on the island of Maui, which is the most abundant?
- MS. BLUMENSTEIN: In terms of available groundwater, that would...in...in general, that would be Keanae.
- VICE-CHAIR LEE: Okay. What about in the area of Ha'ikū and Makawao?
- MS. BLUMENSTEIN: Within the area of Ha'ikū and Makawao, that would be Ha'ikū.

VICE-CHAIR LEE: And how many gallons per day is available there?

MS. BLUMENSTEIN: So sustainable yield was revised down to...so it's now 24 million gallons

a day. A small fraction of that has actually been developed and is currently pumped. I'm going to say it's in the range of less than ten percent. I have to look in the chapter.

VICE-CHAIR LEE: Okay. So Makawao and Paia that, you know ----

- MS. BLUMENSTEIN: So Makawao aquifer system, sustainable yield is seven million gallons a day. A small fraction of that has been developed as well. It's a higher altitude aquifer. So in terms of cost effectiveness, looking at, you know, proposed source development more in the makai area.
- VICE-CHAIR LEE: Okay. So what about Paia?
- MS. BLUMENSTEIN: Paia aquifer, sustainable yield is seven and Paia is...is used extensively for nonpotable needs along the coast, a lot of small irrigation wells. And then there's a few of the large Ag, brackish water Ag, that is...has been used by HC&S and now proposed for Mahi Pono.
- VICE-CHAIR LEE: So would you say that of all the areas on Maui, East Maui...East Maui has the most water available?
- MS. BLUMENSTEIN: Oh, for sure.
- VICE-CHAIR LEE: For sure. Since Central Maui is almost tapped out?

MS. BLUMENSTEIN: Well --

VICE-CHAIR LEE: Central Maui's Iao --

MS. BLUMENSTEIN: --Iao aquifer...I would say Iao aquifer has been fully utilized when...that's more about distributing the pumpage. Waihee aquifer, there's still some yield and we're looking...that's one of the strategies in the plan to look at, but is limited to the southern portion of Makamakaole Stream. So it's...there's more accessibility and, you know, other constraints and --

VICE-CHAIR LEE: Okay. So --

- MS. BLUMENSTEIN: --completely developing the aquifer.
- VICE-CHAIR LEE: --the point is, Central Maui does not have that much more water to develop, right?
- MS. BLUMENSTEIN: I think --
- VICE-CHAIR LEE: Comparatively speaking...comparatively speaking, West Maui doesn't have all that much either, it appears.
- MS. BLUMENSTEIN: If you compare to East Maui, I...on the West Side, I think available

regional groundwater can meet projected demands. For Central Maui, meaning Wailuku, I don't believe...and, again, I mean, the strategy is not to tap into Kahakuloa aquifer. That was not what the community desires, so we cannot --

- VICE-CHAIR LEE: Okay. No, but --
- MS. BLUMENSTEIN: --excluding . . . (inaudible) . . .
- VICE-CHAIR LEE: What I'm trying to get at is that of all the places on Maui, East Maui has the most abundance of water --
- MS. BLUMENSTEIN: Correct.
- VICE-CHAIR LEE: --and considering that we need, like, anywhere between seven and 14,000...let's say 10,000 homes, yeah? 10,000 homes. That's, I don't know, something like six million gallons a day, roughly, of...if there's not six million gallons a day in Wailuku and Kahului, and not that much in Lahaina, then the logical place would be East Maui, right? East...Upcountry, East Maui, et cetera, that's where all the water is. So, you know, when we receive presentations all the time on planning for developments, all kinds of...types of developments; but without water, many of these developments can't go forward. So we just heard a presentation today about the possibility of identifying spots in Kahului to...to develop. And I'm thinking...I'm sure you're part of that team with Planning and...and the other departments on transportation and...and where, you know, where...which locations have potential. So when...when you're asked to contribute your...your ideas and your comments with regard to location of developments, do you let people know where the water is available?
- MS. BLUMENSTEIN: Well, first, to answer your question, I want...I'm not being asked to consult on that specific committee. But I think throughout the development of this plan and throughout the development or updates of the community plans, this strategy to meet the demand for affordable housing and planned growth in Central Maui will require some development of East Maui groundwater, specifically Ha'ikū aquifer. I think that between current redistribution, between Iao and Waihee, water conservation, it can go quite far; but it...it can delay source development but it cannot replace source development. At some point we're going to need reliable groundwater from outside Central for...for our long-term needs to get us through long-term droughts.
- VICE-CHAIR LEE: So right now, you said that the Ha'ikū aquifer has about 24 million gallons a day. And how much of it is used? Because --
- MS. BLUMENSTEIN: I'm going to look up the correct number here in a bit, but it's...it's a fraction. It's less than ten percent. Going to look it up.

VICE-CHAIR LEE: Well, like, 2.4 million gallons a day out of 24?

MS. BLUMENSTEIN: Yeah, it...it's less than that. It might just be, like, five, six percent -total.

- VICE-CHAIR LEE: Five or six percent. Okay. Thank you, Madam Chair and Eva. Appreciate your information.
- MS. BLUMENSTEIN: Thank you.
- CHAIR SUGIMURA: Thank you. Mr. Sinenci, you have a question?
- COUNCILMEMBER SINENCI: Thank you, Chair. Yeah, just a couple of clarification question. So Ms. Blumenstein, on page 9, the clarification mentioned for East Maui surface water. Is that the...the middle column on table 2-6? Surface mgd, is that surface water from East Maui?
- MS. BLUMENSTEIN: Okay. You're looking at...on the addendum on page 9?

COUNCILMEMBER SINENCI: Yes.

MS. BLUMENSTEIN: Is that it? So the table on the middle of page 9, that is Mahi Pono's Ag plan and the...so that's the proposed crops and the water duties. And the portion that would come from surface water versus groundwater, just those two middle columns, yeah?

COUNCILMEMBER SINENCI: Right.

- MS. BLUMENSTEIN: So 65.8 from surface water and 16.47 from brackish groundwater.
- COUNCILMEMBER SINENCI: That would be coming from the EMI system it looks like, yeah?
- MS. BLUMENSTEIN: So only...so the 65.8 would be EMI system only, and the groundwater would be from the aquifer system that are underlying the Mahi Pono fields. That would be within Kahului and Paia aquifers, yeah. The...underlying those fields, yeah.
- COUNCILMEMBER SINENCI: Okay. Thank you for that clarification. And then on page 16, the Kamole Weir, that would be...for the Kamole Weir, would that be coming under the...the EIS? Is that part of the EIS?
- MS. BLUMENSTEIN: So...so the EIS does address municipal needs as well. The portion proposed here on page 16, the second to the last row there, potable surface water; so that shows, you know, if you're looking at...now 7.7, that includes all the Department treatment plants: Kamole Weir and the Olinda and lower Kula. And the higher projection out here in 2035, 11.7, that would be with the assumption that additional surface water would be available for...from EMI system for municipal needs. So it...total 11.7. So that would...that additional surface water be from the Wailoa Ditch and the EMI system.
- COUNCILMEMBER SINENCI: Yeah, and...and that is...was that system included in the EIS, the draft EIS? Was that part of the lease?

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- MS. BLUMENSTEIN: Well, so the use of the Wailoa Ditch is dependent on the lease, yeah. So any additional municipal...if we're going to provide any additional surface water from Wailoa Ditch for the Upcountry system, it's...that's one and the same command system, and dependent on that same lease.
- COUNCILMEMBER SINENCI: That was...okay. Then, finally, Chair, on page 20. So it looks like under...you added the BLNR lease as under the addendum, and then it says Mahi Pono states that it can implement a proposed plan once the BLNR issues a water lease. So in the event that the water lease...so there's still some...some work that needs to be done, that's...that still is waiting for the issuance of the...the lease; that correct?
- MS. BLUMENSTEIN: Yeah, we've kind of just provided a...a status update. I mean, that's ... I don't know. And ...
- COUNCILMEMBER SINENCI: It's just projections...projections at this point until the water lease goes through?
- MS. BLUMENSTEIN: Yeah. So I mean, the caveat is that last sentence there, you know. In the event the water lease is not granted, then, you know, the...the plan, or a supplement to the plan, would have to address alternative scenarios. Because obviously, yeah, both...both Upcountry and all the Mahi Pono is dependent on this conveyance system, so. So that would obviously impact demand and alternative supply, yeah.
- COUNCILMEMBER SINENCI: All right. And...and should it go through, it says that the State will conduct appraisals of the water from...from the licensed areas, produce lease agreements and a watershed management plan before putting the water lease in . . . (*audio interference*) . . . public auction. Okay. Thank you.
- MS. BLUMENSTEIN: Thank you.
- COUNCILMEMBER SINENCI: Thank you, Chair.
- CHAIR SUGIMURA: Thank you, Mr. Sinenci. Anybody else have questions? Ms. Paltin.
- COUNCILMEMBER PALTIN: Thank you, Chair. Thank you, Ms. Blumenstein. I really appreciate the addendum. I...I think it helps a lot. I just had some questions and maybe, you know, to help clarify for folks that may be watching at home. I was wondering if you could go over why not all of the streams? Is it because only perennial, or only ones that have, like, diversions are included in this plan?
- MS. BLUMENSTEIN: Thank you. Well, so the...the plan as a whole has incorporated any streamflow and diversion data that's available; anything we could extract from CWRM or other sources. A lot of the streams on Maui are not diverted, and there is no streamflow data available 'cause there's no gauge in the stream or...or nobody's diverting, so there are no records. So when we're looking at projected demand, of course, that's just from taking supply from streams that are diverted. And in terms of establishing instream flow standards, like, how much water needs to remain in the

stream versus what can be taken out, really just address the diverted streams. Those are the ones that CWRM has prioritized. So --

- COUNCILMEMBER PALTIN: Looks like known diversions, basically. It's in --
- MS. BLUMENSTEIN: I'm sorry?
- COUNCILMEMBER PALTIN: Known...the ones that are included in this plan are known diversions to --
- MS. BLUMENSTEIN: Correct, yeah.
- COUNCILMEMBER PALTIN: --... (audio interference)... Okay.
- MS. BLUMENSTEIN: We know how many...we...we know there's registered diversions on the multiple streams, and no...there's no records, you know, for what...what's going out. So yeah, there's a lot of unknowns.
- COUNCILMEMBER PALTIN: So if it was registered, but there's no record, it's not included in here?
- MS. BLUMENSTEIN: Yeah. I mean, there's tons of those, like, Hana aquifer sector, small domestic diversions have never really been recording to CWRM. We...we know there's some domestic use there, but we...we don't have any data for how much that is.
- COUNCILMEMBER PALTIN: Okay. So only the ones you have data on...data on is included in this plan? Clarify.
- MS. BLUMENSTEIN: Well, I mean, the...the streams are identified. You know, if we have assumptions about...about some needs we may have, you know, put that language there. But we can't include...we...we don't make any assumptions on water use unless we have a record.
- COUNCILMEMBER PALTIN: Okay. And then I had another question, you know, mainly again for the folks watching at home, that this plan and the things that are said. It's not the County to enforce...like, for example, you mentioned the IIFS for Kahoma, Kaua'ula being established. And if somebody comes along and should not know about the IIFS or whatever and choose to divert it and kill all the stream life, how is this plan connected to that action?
- MS. BLUMENSTEIN: So the IIFS are established and enforced by the Commission of Water Resource Management under State DLNR. In the plan we sort of...we cannot supersede or, you know, change anything once you have an established IIFS. So the plan kind of just recognize and incorporates whatever that IIFS is. And then looking at what's left over, you know, that this is the IIFS that needs to be met, what about the projected needs for off stream uses? Whether that's Ag or irrigation or municipal, and then we have to come up with a plan of how to meet demand between other available resources.

So...so the Department or...or County agencies really have no role in enforcing IIFS, that's State. It's just...incorporates that...that data and make sure, you know, we have plans for meeting demand from...from non-stream resources. That's...that's our role or our responsibility.

- COUNCILMEMBER PALTIN: So kind of just reinforce or restate the IIFS numbers and be, like --
- MS. BLUMENSTEIN: Correct.
- COUNCILMEMBER PALTIN: --hey, this is what it is. You got to...this is what it is, you know, like, don't just be doing your own thing 'cause the County and the State recognize that this amount needs to stay?
- MS. BLUMENSTEIN: Correct, yeah.
- COUNCILMEMBER PALTIN: Okay. I'll yield at this time. Thank you. Thank you for the answers.
- MS. BLUMENSTEIN: Thank you.
- COUNCILMEMBER SINENCI: Chair, you're muted.
- CHAIR SUGIMURA: Oh, I'm sorry. Keani Rawlins-Fernandez, and then I...I'm guessing Mr. Molina might have questions.
- COUNCILMEMBER RAWLINS-FERNANDEZ: Okay. Mahalo, Chair. Okay. So mahalo, Ms. Blumenstein and Director Pearson. For these changes to the 39 pages of the addendum, will you explain again why they weren't incorporated into the plan itself and put into an addendum instead?
- MS. BLUMENSTEIN: Yes. So we published a draft and submitted it to the Board of Water Supply for approval in August 2018. Then the Board of Water Supply took the draft, went through their public hearings, and approved the plan in January 2019. We did a matrix, explained or responded to a lot of questions from the public, but they did not request any actual revisions to the plan at that point. So the plan was submitted as is, the...the Board's plan, to Council in March of 2019. And once...of course this...the plan is a submittal for...or, you know, it's a bill for an ordinance, so we did not make any small corrections during this time when the Council has reviewed the bill and the plan itself. So...and it has taken...what are we? We're, like, a year and a half into review. So I believe, I mean, both Chair and ... and the Water Department felt that it be ... we should incorporate or address the...the major changes that had happened from that point where we submitted to the Board 'til, you know, some cutoff point, which ended up being earlier this year. And of course, I mean, there's been multiple projects have gone forward and many little things have happened, and we just...without completely redoing this whole beast, trying to address the...the major components. That make sense?
- COUNCILMEMBER RAWLINS-FERNANDEZ: Yes. Mahalo for that explanation. Okay. So is there anything in the law that would prevent us from having this be like, a type of living document?
- MS. BLUMENSTEIN: Well, so --
- COUNCILMEMBER RAWLINS-FERNANDEZ: Do you want me to . . .
- MS. BLUMENSTEIN: --... (audio interference) ....
- COUNCILMEMBER RAWLINS-FERNANDEZ: Or you kind of . . .
- MS. BLUMENSTEIN: Yeah, so...so, I mean, I would see this as a living document. I mean, this is horribly, horribly late in terms of the last update or the original, you know, was from 1991. But I think an enormous amount of work and data has gone into this one main plan now that it could be updated much more frequently; really, more like updating tables, like, individual tables, you know, and appendices. So I hope it will be a living document that is not, you know, this one big plan that's...we put on the shelf. But it should be...at least I will be there to remind you folks, strategy so-and-so. Here comes, you know, a...a project in for development, and we have a strategy, you know, that fits. So, I mean, that's the purpose of this plan, right? To be applied for future, for CIP budgets and for other County budget approvals and for CWRM looking at water reservations. And if there are additional major changes, whatever new IIFS or something else, you know, they should be...we should be able to fairly easily add that; but in terms of how those...once...say that this plan is now adopted and subsequently adopted, approved by CWRM, I think making formal changes...I'm going to leave the answer to Corp. Counsel, actually, because I mean, that's really...it's a bill for an ordinance. So it will, sort of, be how we would do that. A supplemental plan or mini updates. I...I don't...I don't want to really answer that.
- COUNCILMEMBER RAWLINS-FERNANDEZ: Okay. Corp. Counsel? So, I mean, it would be great if we could take, like, this addendum...so it's 39 pages of updated information and then, like, if...if...I'm not sure what the guidance in the Code or Statutes are, but if we could take this document, amend that ordinance from the plan from 2019, and then have CWRM, I guess, do their, you know, process in approving the addendum, and then the information in the addendum could then be incorporated into the plan itself. I see Jennifer Oana, Deputy Corporation Counsel, is on now. So hopefully she has some additional information for us.
- MS. OANA: So in the Maui County Code...thank you. So in the Maui County Code, there is a provision for amending the water use and development plan, which basically is a similar process as to how we did this plan. So if anybody needs a...if anybody wants an amendment, whether it's Council, whether the Department, there's also certain other triggers...I don't have it with me right now, but there's certain other triggers that, you know, would require an amendment. We do the draft, it'll have the similar procedure where we actually have to take it to the Board of Water Supply. They'll have to do public

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hearings, and you guys know how many public hearings we had. We had it all over the island. The Board of Water Supply will have to review it, make recommendations to the Department, just like how we did for this one, and then it'll come to you folks for approval. So that can be done really at any time. There's no, you know, time period we got to wait for a certain amount of years. That could be done, you know, whenever we need an amendment. So I don't know if that answered your question, but, you know, like Eva said, this time was a big chunk of...of really doing a lot of the work. It was a old plan, and she did...she did an amazing job updating it. If we do have amendments in, you know, a year or two, five years, it's not going to be that major of a task. So I don't think it'll take as long as it did this time.

- COUNCILMEMBER RAWLINS-FERNANDEZ: Mahalo, Ms. Oana. So for the 39 pages of amendments here, would that...would we be able to take these amendments and then update it, like, as a document itself? Or would they need to be incorporated into the plan and we would have to then adopt that new updated plan and not just approve the amendments in the addendum form?
- MS. OANA: So are you talking right now, or later on if we have to make further amendments?
- COUNCILMEMBER RAWLINS-FERNANDEZ: I'm talking about these 39 pages that are already an update to the plan that was adopted in 2019.
- MS. OANA: Okay. So --

COUNCILMEMBER RAWLINS-FERNANDEZ: But more so in the future.

- MS. OANA: Okay. Sorry. So the plan wasn't actually adopted yet. You guys adopt the plan. It did go through the public hearing stages. And during the public hearing, as the new information...as things were changing occurred, we did address them in the public hearing. So it wasn't as if, you know, when we reached the different public hearings, we didn't talk about it at all. So at this point, I believe that this addendum can be attached to this plan, and you guys can adopt the plan, including the addendum.
- COUNCILMEMBER RAWLINS-FERNANDEZ: Okay, mahalo. So I meant CWRM approved the plan in 2019, right. Yeah. So --
- MS. OANA: No, no, no. You folks ... well, they've been consulted and they've ... they've --

COUNCILMEMBER RAWLINS-FERNANDEZ: They did their hearing?

- MS. OANA: --given Eva, you know, recommendations and...and I think back and forth; but you guys are the ones who adopt it. Once you guys adopt it, then we push it over to CWRM for their, you know, kind of final approval. But you guys are the...are the ones who...who adopt it by ordinance.
- COUNCILMEMBER RAWLINS-FERNANDEZ: Right. So...sorry. I guess I misunderstood what Ms. Blumenstein said in January 2019. She said that CWRM approved it --

MS. BLUMENSTEIN: Oh --

- MS. OANA: The Board...I believe it was the Board of Water Supply, but Eva can correct me if I'm wrong.
- MS. BLUMENSTEIN: Yeah. No, yeah, that's what I said. So the Board of Water Supply...we presented to the Board in August 2018, they took it through public hearings through the end of the year. They approved the plan in January 2019. Then we, Department, submitted it to you folks. So the March 2019 is your official version that you are reviewing, and the bill to...to adopt. And then we just added, now, this addendum to that same March 2019 submittal. So that addendum would be part of that same bill that we submitted to you folks March 2019.

COUNCILMEMBER RAWLINS-FERNANDEZ: Right, mahalo --

- MS. BLUMENSTEIN: So CWRM has not yet approved it.
- COUNCILMEMBER RAWLINS-FERNANDEZ: Mahalo for that clarification. I...I'm...I guess I misunderstood when you said Board of Water Supply and not CWRM; that confused me earlier. I was wondering how CWRM had approved it without us adopting it, but, okay. So that was the Board of Water Supply in 2019 that approved it. And then it came to Council for our review. And after we adopt it, then it'll go to CWRM for their approval?
- MS. BLUMENSTEIN: Right. And if I might add too, so we have done I don't know how many presentation at this point, but multiple presentation briefings to CWRM over these years, and CWRM staff has provided lot of feedback; sort of, like, pointed us in direction. So when the final plan is presented to...to the Commission, it's not going to be a complete surprise. I mean, they have...they have seen components of it throughout this process.
- COUNCILMEMBER RAWLINS-FERNANDEZ: Okay. So after we, the Council, not just the Committee, adopts the plan and the addendum, would you then take the information in the addendum and update the plan using that information . . . (*inaudible*) . . .
- MS. BLUMENSTEIN: So...so I think what...what Chair wanted and...and what I've done now is to...we added this addendum without making changes throughout, you know, the thousand pages. The addendum supersedes...and all those tables that I have in this 38 pages supersedes those tables and figures in the plan; but I was not going to go in and make the revisions throughout the document. So the addendum is a part of the...the plan. I would update certain sections and...or specifically, those chapters mentioned; 14, 15, 16, and 19.
- COUNCILMEMBER RAWLINS-FERNANDEZ: Okay. I think...I guess for me, I think that would be really cumbersome, having two documents to have to refer to, not knowing whether the information that you're looking at in the plan is also in the addendum because there's no indication that it's outdated information.

- MS. BLUMENSTEIN: So the addendum would be at...in the front of the plan, explaining what was updated.
- COUNCILMEMBER RAWLINS-FERNANDEZ: Okay. I...I need...I still think it's not as simple as having it all into one document.
- CHAIR SUGIMURA: So if I could, Keani, I see where you're going. So Jenn Oana, are you still there? Hi.
- MS. OANA: Yes, I'm here.
- CHAIR SUGIMURA: So I didn't want to change the thousand pages of this without going through this process. So I asked the Department to come up with a...a...the addendum, which is now 38 pages, which we just heard. And I understand what the discussion is about the use of it after, and it, you know, you have to flip through and find it, right? So what is your opinion on whether we can change this or what are you...where is your direction? I'm touching the book.
- MS. OANA: It's my opinion you could do it either way. The problem is if you direct the Department to go through the thousand pages to correct every single thing that has changed in the last two years, it's just a...a...huge, huge undertaking. Meanwhile, something else is going to change. Things change, you know, every three months we have something come up that, you know, makes a big change or even a little change. I am...I am worried that this will never close if we make the Department do that. So, you know, at this point, I do recommend having the addendum in front of the plan as part of the plan, you know. And if...if they want to...if...if there's a little bit of a reference to, you know, what page this is referring to, this change is referring to, you know, we could do it that way. But I'm just worried that if we make them go through each page, you know, take out HC&S, put Mahi Pono –

CHAIR SUGIMURA: Yes.

MS. OANA: --that's the easiest one, but, you know, it's just...it might never get finished. And I rather, you know, in the next step, next amendment, next plan, you know, we incorporate it. But again, things happen a lot...a lot of things happened in the last ten years for water --

COUNCILMEMBER RAWLINS-FERNANDEZ: But so, Chair, that's not what I was asking.

- MS. OANA: -- and things aren't finished. They're not finished, so.
- COUNCILMEMBER RAWLINS-FERNANDEZ: I...I. only said what's in the addendum now, not, like, what happens in the next three months. Like we have the addendum with this information now, and we're reviewing it now. And so moving forward, after we adopt this, if there are more information, then that can be incorporated maybe a year from now. But the information on the 39 pages that we have before us at this time, I think

should be incorporated into the plan.

CHAIR SUGIMURA: Okay. So I hear what you're saying, Keani, and I will say that what I did when I got your 30...39 pages for your addendum is I did exactly that. I...I put every single addendum and I tied it to what page it was on and I cross-referenced it so that in case of discussion today. So I do want to keep this document separate and not...I...I will tell you that my office, we also tried to say, okay, so this is affected by HC&S, and so let's see where HC&S, the impacts would be with Mahi Pono in this whole document. And it became a scary next step, thinking, how are we changing the document? 'Cause we're not the professionals, right? We're just going by, you know, trying to do a word, kind of, revision. So therefore --

COUNCILMEMBER RAWLINS-FERNANDEZ: Right, so let's --

- CHAIR SUGIMURA: --what I would like to do is have the Department...I like Jenn's suggestion...and what I did just for myself, knowing of our meeting, is that over the last couple of weeks I took the addendum and actually put what page number it is. And so in the future, Eva, if we have a need to look at the addendum and we approve this and we approve your plan...the draft...the draft Wailuku...the Water Use Development Plan, if we pass it, it...it can be a more useable document. I'm too afraid that if we try to substitute every single word, which is what my office tried to do, it was astronomically scary to change history is what I was running into. And so therefore, we came up with the addendum recommendation after, you know, after thinking about it and...and discussing it. So that's my position on it right now. I've...open for discussion. Keani, you want to finish?
- COUNCILMEMBER RAWLINS-FERNANDEZ: Chair, so you're...you're a Councilmember and your staff does legislative work. And as you said, you would like the professionals to have updated the plan and...and I mean, you're a Councilmember, you do this work. We're talking about people in our community who don't everyday do this type of work that we do. And how useable will this plan be for other people in our community to use? I like what you said about having the professionals update the plan itself and not others try to insert the information that we have from this 39-page addendum, and that's what I'm asking for too. So my position is that we...we can pass it separated and we understand what the updates are, but that after it passes that the addendum would be incorporated into the plan for...to make it one complete document.
- CHAIR SUGIMURA: So other Members, you have any discussion based upon what you're hearing? So Ms. Paltin, Ms. Lee.
- COUNCILMEMBER PALTIN: Thank you, Chair. So just to clarify, what...what I'm hearing, if I'm understanding what...what's going on is that the suggestion from both of you is to pass it to get it moving, and then to integrate it into...so that the addendum is part of the plan. Is that what you guys are suggesting?

CHAIR SUGIMURA: So we're --

COUNCILMEMBER RAWLINS-FERNANDEZ: That's what I'm suggesting.

CHAIR SUGIMURA: --so if we're...what the discussion is two different things. So I'm saying...what Keani is saying is to take the addendum and integrate it into the plan and have it in one plan before we pass it; is that what you're saying, Keani?

COUNCILMEMBER PALTIN: I think she said ....

COUNCILMEMBER RAWLINS-FERNANDEZ: ... (inaudible) ... Member Paltin, just said is that we can pass it as separate documents, and that's fine; but incorporate the updates from the addendum into the plan. Because we understand what the updates would be, and it looks like Deputy Corporation Counsel Oana has --

CHAIR SUGIMURA: Okay. So this is...let me call Corp. Counsel, my meeting. Jenn.

## COUNCILMEMBER RAWLINS-FERNANDEZ: Mahalo, Chair.

- MS. OANA: Well, I'm not comfortable with...with the Council adopting the current written plan and the addendum; and then after you've adopted it, then incorporation takes place. Because this is a bill for an ordinance. We send it to CWRM as a...a final ordinance. What we would be sending to CWRM, if that's the case, is not what exactly you guys passed. So I would feel really uncomfortable with that. I just wanted to point one more thing out. You know, like I said, that this...things are always, always moving. And if we don't cut the line somewhere, this will keep going. You know, we're awaiting the Carmichael decision. And once that happens, you know, things might change. It...it's kind of an unknown what's going to happen right now with regard to the...the Carmichael decision. So, you know, I...I do strongly suggest we just pass or adopt the...the plan with the addendum on the top. If later you guys want the Department to work on an incorporation, you know, we can...we can do it at that time; but, you know, this has been years and years and years of work. Incorporating it; you know, Eva can let us know how difficult that might be, but I just...I just can think it's going to be...it's going to be hard, and they're going to have to do a lot of checking every single page. So, you know, it's not my recommendation to send it back to the Department, and it's not my recommendation to pass it separately and incorporate it later. Thank you.
- CHAIR SUGIMURA: So I have a question for you then, Ms. Oana. So basically you're saying that whatever we send to CWRM, which would be the next process after we pass whatever it ends up to be, it will be the final document until we...we want to take this up again to add on new projects, but not necessarily any of this in the addendum? Is that --
- MS. OANA: I'm sorry. I...I don't really understand your question, but...but what we send to CWRM is a copy of the passed ordinance. So whatever you guys vote on, that's what we're sending over.

CHAIR SUGIMURA: Okay. Ms. Lee.

VICE-CHAIR LEE: I think Eva has something to say.

CHAIR SUGIMURA: Oh.

VICE-CHAIR LEE: Didn't I see your hand up?

MS. BLUMENSTEIN: Yeah.

VICE-CHAIR LEE: Why don't we go to her next?

MS. BLUMENSTEIN: Oh, thank you. Yeah, I just want to add that, I mean, I know and I've looked at variations of how to do this myself. And of course, every time I look through some chapter, I find some typo or something. And I will, you know, retire before going through it from start to end 'cause I have to go...get this through CWRM as well. So, I mean, I can...I can see that it would be useful to add, you know, referring page numbers in the addendum; but to go through the full document to, you know, to incorporate the changes in the document would just be overwhelming. And I feel like...but I don't know how much of service it would be in terms of being a useful document. There...there's going to be some stuff in there, you know, that...that's missed, then there's going to be...a lot of it is outdated as we move along and I'm getting it through...through CWRM. So to me, just doing it, you know, a quicker update the next time, I mean, I have to get on Molokai next. They have an equally outdated plan. And then back to Lanai 'cause that one is also outdated already with consultants, by the way, not...not me. So, yeah, so it's both. I mean, you...I feel like they, you know, the major content, the strategies have not changed that much. I mean, we've done the reallocation tables, so it should be clear, you know, what is groundwater, surface water, and...and recycled, et cetera. But time is also of the essence to have a plan and, like, have a guidance document in place. Thank you.

CHAIR SUGIMURA: Thank you. Ms. Lee?

- VICE-CHAIR LEE: No, I...I would have to consider the Department's recommendation because they're the ones who are going to be doing the work, and Eva doesn't seem too optimistic about it. Let's ...let's hear from Ms. Paltin while I'm thinking. Thank you.
- CHAIR SUGIMURA: Okay. Ms. Paltin, the good thing about being...the good thing about being in your office is that you're so connected to the community. Every now and then you're waving, right, to people that pass your window? Very cool.
- COUNCILMEMBER PALTIN: ... (inaudible) ... So my question is, I... oh, sorry, ow. I understand it would be a lot of work. I just was wondering if a side contract with a professional agency to incorporate it at some point. I mean, is it...is it the understanding that it's always going to be a plan and a addendum, or at some point is it going to be incorporated in, not necessarily by the Department, but maybe by a professional consultant? Just wondering long-term. I...I have no problem, I think, similar to Ms. Rawlins-Fernandez, but I won't speak for her, that if we pass it...'cause I...I do agree, kind of, with Ms. Oana that it...it should be passed, you know, because you did all this

great work. And I love that you did the addendum as well, but at some point in the future is it going to be incorporated? And if so, can we hire a professional consultant to do that, like that understands these types of things so that it's not on you and you can go on to your...to our...Molokai and Lanai updates? Just...just wondering.

CHAIR SUGIMURA: Go ahead, Eva.

- MS. BLUMENSTEIN: Well, you know, so starting out with a consultant, which would have been...I kind of inherited this whole project without the consultant, so now I learned my lesson. You need...you need a bigger team. But to bring someone in at this point to try to, like, incorporate the addendum in the plan, it would be a waste of time. I mean, we have to get the contractor, I...I mean, it's...it's my time anyway, you know, it's...it's not like somebody can just jump in and...and do it. So I don't think that would be a worthwhile effort, frankly. Starting over or even doing the update, like, yes, for sure; lots of help.
- COUNCILMEMBER PALTIN: Okay. And then so for the foreseeable future 'til the very next update, the addendum and the plan will be two different documents, and the referencing of page numbers should be sufficient is...is your position?
- MS. BLUMENSTEIN: So...so to me, I mean, the addendum will be part of the plan now. The addendum will go in front of the plan. The plan and addendum is submitted with the bill for an ordinance, so that's one and the same package. So that would all get adopted at once, yeah.
- COUNCILMEMBER PALTIN: So I just...I...would it be okay for us to just, like, put in the plan, like, please read the addendum first, and this supersedes that...the...and...like this is the superseding factor of anything that you read in the plan because it's more current? Or how would you word...you have specific wording for that?
- MS. BLUMENSTEIN: Well, I mean, to me the little...the little paragraph in the beginning of the addendum, I mean, can be further clarified, but that's pretty much saying, like, these are, you know, the things that happened. These...these are the four issues that this addendum addresses, and that's it. So...and it's...that should be, I guess, first page or the page after the table of content. I'm not sure. First page, I believe.
- COUNCILMEMBER PALTIN: And Chair, do you mind checking with the Corp. Counsel if she concurs with that? If that's legally legal?
- CHAIR SUGIMURA: Yeah. Thank you. Ms. Oana, do you want to...Ms. Oana? Yeah, there you are. So you heard what --
- MS. OANA: I'm sorry. Can you repeat the question?
- COUNCILMEMBER PALTIN: For me, the question was this...this paragraph on page, I guess, two of the...on Granicus, right...June 23, 2020 addendum. Is that clear, like, for all the lawyers out there that this kind of supersedes outdated information in the plan, and to

refer to this first before taking the deeper dive in the plan? And all of this stuff would supersede outdated information that is within the plan before the addendum? As a...like, for legal purposes?

MS. OANA: Okay. Just a moment, please. So you're talking about just the front...the first page of the addendum starts out with addendum June 23rd?

CHAIR SUGIMURA: Yes.

MS. OANA: You know, that looks...that looks fine to me. If you want to add what you said, Councilmember Paltin, about, you know, we recommend you read this first, we can add that too.

COUNCILMEMBER PALTIN: Okay. I'd love that.

CHAIR SUGIMURA: Very good. Ms. Lee had her hand up.

- VICE-CHAIR LEE: Would it be too difficult to just put a list of all the pages that have been changed?
- CHAIR SUGIMURA: Miss ... Eva?
- MS. BLUMENSTEIN: I think this question is to me?

CHAIR SUGIMURA: Yeah.

- MS. BLUMENSTEIN: No, I can do that.
- CHAIR SUGIMURA: Yeah, just do 'em all.
- VICE-CHAIR LEE: Okay. Thank you.
- MS. BLUMENSTEIN: Put that in my note . . .
- CHAIR SUGIMURA: Yeah, so...Shane?
- COUNCILMEMBER SINENCI: Thank you, Chair, and that addition, I'm also waiting to...whenever the lease EIS is completed, I'm in anticipation of that addendum as well, right? 'Cause a lot of things are projections that are waiting upon the...the EIS for East Maui Water. So, I mean, that would also be more additions to the report, correct? We get the EIS?
- MS. BLUMENSTEIN: I was...I was not planning on doing additional...I mean, there's been a few things already happened this last two months, you know, as I've put together the addendum. And I think as Jenn Oana said too, there...there'd be some major decisions forthcoming that if we continue to incorporate them as...as they happen --

COUNCILMEMBER SINENCI: Right.

MS. BLUMENSTEIN: --I will be retired. There'd be no plan. They...they are important and they can be addressed in...in many ways, but not updating, you know, on a monthly or...or so basis, the...a 20-year document. It's a 20-year document so, you know, kind of...it has to reflect history and some projections for the future, but it's never going to be...it's...it's supposed to be consistent with the Maui Island Plan, you know, that's adopted 2012. That's how outdated already and, you know, we're kind of...we're never going to be completely in sync, but we're trying.

COUNCILMEMBER SINENCI: Thank you.

- CHAIR SUGIMURA: Thank you. Is that to your...are you...you have another question, Mr. Sinenci? You're fine? Who I haven't heard from, if I could hear from Mr. Molina and then back to Keani Rawlins-Fernandez, if I...Mr. Molina, do you have any comments?
- COUNCILMEMBER MOLINA: No, Madam Chair. I...I had a couple of questions, but those questions have been asked earlier. So I have no more questions for the rest of the day. Thank you.
- CHAIR SUGIMURA: Thank you. Keani?
- COUNCILMEMBER RAWLINS-FERNANDEZ: Mahalo, Chair. Ms. Blumenstein, is the Department planning to do a revised executive summary that includes the updated information that we have in the addendum?
- MS. BLUMENSTEIN: It...it can be updated. I was thinking about that this...this morning. It's pretty...it's fairly straightforward to do it and...without checking in here with Director, anyone, I mean I could update the four tables in the executive summary to reflect the actual...I mean, the...the...the plan itself is, you know, the meat of the matter is the strategies and the demand-supply tables. So that...that's not an enormous amount of effort. And I think it'd be prudent to have it 'cause it's upfront. So I'm...I'll volunteer to do that.

COUNCILMEMBER RAWLINS-FERNANDEZ: Thanks, Ms. Blumenstein.

CHAIR SUGIMURA: Thank you.

- COUNCILMEMBER RAWLINS-FERNANDEZ: My next . . . is the Department planning to do a WUDP action plan that makes clear...makes it clear what the plan proposes and incorporates the updated information?
- MS. BLUMENSTEIN: Oh, I'm sorry. Repeat your question again? Maybe I misunderstood what you said.

COUNCILMEMBER RAWLINS-FERNANDEZ: Is the Department --

CHAIR SUGIMURA: Can you repeat your question?

- COUNCILMEMBER RAWLINS-FERNANDEZ: I am repeating it. Is the Department planning to do a WUDP action plan that makes it clear what the plan proposes and incorporates the updated information from the addendum?
- MS. BLUMENSTEIN: So what we have in terms of implementing the plan and...and action items, we have a matrix that assigns, you know, lead agency or agencies if it's short, long-term action items or...or time frame. So that doesn't really change with the addendum 'cause the addendum addresses the supply-demand, you know, that sort of the...the background for that matrix. So I don't believe the matrix itself has to be...addendum doesn't have to address the matrix. And there's really nothing in the matrix that needs...anything major needs to be revised to reflect the four issues that we addeed in...in the addendum.
- COUNCILMEMBER RAWLINS-FERNANDEZ: Mahalo, Ms. Blumenstein. On page 39 or 38 of the addendum, it has all the sustainable yields, but I...I...I think it would be great and helpful if there was a column that also included the amount of million...mgd...million gallons per day that is used in each aquifer. So it has, like, the 2008 sustainable yield, 2019 updated sustainable yield, it has the range and a change, but I...I think it would be really helpful if there was, like, a column that stated how much of that sustainable yield is already allocated.

CHAIR SUGIMURA: Ms. Blumenstein.

- MS. BLUMENSTEIN: Yeah, I mean, that's not difficult to do. I mean, we have...that info is in a mini-table in each section already where sustainably versus, you know, installed pump capacity and pumped; and of course, pumpage is a snapshot in time, you know, what's pumped a year. It can...it varies quite a bit, frankly, for various reasons. So I can include that. I mean, this is...the table A1 is the legal limit for withdrawals, right, versus pumpage is something completely different. So I can easily include, you know, what pumpage is and I would have to be consistent not adding 2020 pumpage by, kind of, reflecting the...the data that we have in the plan. So it would...so it would be, you know, not...not current, current pumpage, but consistent with the data we have and add the column for it. I think...I mean, so it is addressed throughout the plan in...in various places; but if...if desired, that's not a problem.
- COUNCILMEMBER RAWLINS-FERNANDEZ: Mahalo, Ms. Blumenstein. I think for the same reason that you put all of the sustainable yields from each of the aquifer on one page, it would be really helpful to have that same information that's throughout the plan, pumpage and water being used, in the same location for ease of access.
- MS. BLUMENSTEIN: And I just checked for Member Lee, your previous question on pumpage from Ha'ikū aquifer; it is three percent of sustainable yield.

CHAIR SUGIMURA: Okay. Any other questions?

COUNCILMEMBER RAWLINS-FERNANDEZ: ...Blumenstein. Mahalo, Chair.

- CHAIR SUGIMURA: Thank you. Okay. So where we are, Members, is I would like to...if I can just summarize where we are? If we could approve the plan with the addendum and before it comes up for first reading, Ms. Blumenstein, can you add on references in the addendum where it is page-wise in the plan? And also...did I get this correct? You're going to update the executive summary, right?
- MS. BLUMENSTEIN: The...yes. So only the...only the tables in the executive summary. So the supply-demand tables.
- CHAIR SUGIMURA: Okay.
- MS. BLUMENSTEIN: And add pumpage to table A1 in the addendum.
- CHAIR SUGIMURA: Yeah. Okay. You got that, Members? Is that...you got it? Okay. So Ms. Lee, okay, is...okay. There's five of us. I guess Ms. Lee stepped away. So at this time, Members, I'm going to entertain a motion to accept the Water Use Development Plan, the Maui Island Water Use Development Plan, a Bill for an Ordinance Adopting an Update to the Water Use and Development Plan for the Island of Maui, attached to the proposed bill is a document entitled, Maui Island Water Use Development Plan Draft March 2019, and also to include the addendum and then the...the discussion of which...what the Members had...had said, which is updating the...the executive summary based upon our discussion in the addendum to correspond to pages as it relates to the plan, as well as the addendum to add on another column with the pumping, right, data, which Ms. Blumenstein said you're going to do all these additional before first reading?
- MS. BLUMENSTEIN: And...and this is for what date?
- CHAIR SUGIMURA: So our next is...it'll be...Ms. Lee, on August...if we keep to this Council meeting schedule, it'll be on the 14th of August.
- MS. BLUMENSTEIN: Okay.
- CHAIR SUGIMURA: I don't know. It's been changing. I mean, we changed this month. I'm not too sure. If it does, we'll let you know, Ms. Blumenstein and Mr. Pearson. So at this time, then, I would like to entertain a motion to approve the...the Maui Island Water Use Development Plan.

VICE-CHAIR LEE: So move.

CHAIR SUGIMURA: Thank you. Any second?

COUNCILMEMBER MOLINA: Second.

CHAIR SUGIMURA: Thank you. So it's been moved and second by Ms. Lee and Mr. Molina.

Any discussion? Keani?

COUNCILMEMBER RAWLINS-FERNANDEZ: Mahalo, Chair. I'll be voting no on the motion. I...I would like to see the information that I requested to be added before we move forward on this. Also, I know the other Councilmembers that had other commitments with NACo had questions that they wanted to ask as well. Mahalo.

CHAIR SUGIMURA: Okay. Thank you. Any other discussions, Members? Mr. Sinenci.

COUNCILMEMBER SINENCI: Yeah, I'm...I'm going to also be voting no. Just...I want...I want to get more clarity about the...the draft EIS and see how we can...I know the process, but I just wanted to get more information on . . . (*audio interference*) . . .

CHAIR SUGIMURA: Okay. Ms. Lee or Mr. Molina? No, no comment.

VICE-CHAIR LEE: Well, if we don't have the votes, we may as well withdraw the motion.

CHAIR SUGIMURA: Okay. So basically what you're saying is you want to . . .

VICE-CHAIR LEE: Yeah . . . defer the item. Huh? What's that?

CHAIR SUGIMURA: Yeah, I'll defer the item. So basically what the...I'm hearing from Keani...and, Keani, is that you want to see the document with what we just said. The...what the executive summary would be and what the addendum is with reference to the Maui Island Plan and the...and then the --

COUNCILMEMBER RAWLINS-FERNANDEZ: ... (inaudible) ...

CHAIR SUGIMURA: --addition of the addendum on page 38.

COUNCILMEMBER RAWLINS-FERNANDEZ: And page 9 that Chair Lee asked.

CHAIR SUGIMURA: Right.

- COUNCILMEMBER RAWLINS-FERNANDEZ: So I would like to see all that information before it gets to Council. In case I have questions, I don't want to ask those questions at the Council meeting, you know, doing Committee work at the Council meeting.
- CHAIR SUGIMURA: That's good. We should not do Committee work at Council meetings. I so totally agree. Is that okay? We're going to withdraw the motion then, and . . .

VICE-CHAIR LEE: Yes.

CHAIR SUGIMURA: Thank you, Members. And then Shane . . .

COUNCILMEMBER MOLINA: No objections.

CHAIR SUGIMURA: Okay. Thank you. So Shane's concern is you're waiting for a decision to be made, right? And you...is that what you're saying?

COUNCILMEMBER SINENCI: Yeah.

CHAIR SUGIMURA: Shane.

- COUNCILMEMBER SINENCI: And I can...and we can go ahead and...and look at where we're at with the...the lease, EIS. I don't know the timeline; but once we find that out, I mean, I appreciate the additional time if I can get more information on it for another time then...then I'm okay with that. I appreciate the...the additional time, Chair.
- CHAIR SUGIMURA: Okay. So I'm not sure...I'm not sure about time schedules for that or even details of it. So Eva or Mr. Pearson? Mr. Pearson?
- MR. PEARSON: Yeah, I appreciate your comments, Members. That's...it's your document, so you need to be happy with what your document has in it and what it provides the information to your constituents. That's...that's just fine. And I also appreciate Member Fernandez, that she's not going to the far end of the spectrum and asking that the whole addendum get incorporated, but I do see the . . . (*audio interference*) . . . that you were going to say, put your page number here. But if you don't see it, you don't know what Eva did. We all know she does a heck of a good job, but you still have to see it. So I'm not arguing there. I'm...I'm happy. I get your point, definitely.

Member Sinenci, I don't know the time frame either, but I won't...feel that it's going to be a fast pace because I know that, you know, the draft EIS came out a long time ago. I know that they're still working on the Mahi Pono or whoever is still working on all the comments that came back. I think there's, you know, literally hundreds of them. So that might be a different issue, but I'm...I'll stop there. What I . . . (inaudible) . . . do and Eva and her staff will do is work as quickly as she can to meet the comments that came from Member Rawlins-Fernandez and then we'll get that to the Committee Chair, and we'll just see where the schedule goes.

#### CHAIR SUGIMURA: Okay.

- MR. PEARSON: I always like to not be the one to cause the delay, and I know Eva will do her best, and then get it to Chair and we'll see where it goes from there.
- CHAIR SUGIMURA: Okay. Then we can schedule it again. So at this time, Members, I'm going to defer it and incorporate the suggestions that you had. And then we'll take it up in Committee again, hopefully in August, and I'll get back to you. So at this time, Members, I'm going to defer this item, and we can take it up again based upon the...the...the Committee discussion. Thank you very much. It was very well done, everyone. And so it is now 12:07 and this meeting is adjourned. ...(gavel)...

**ADJOURN:** 12:07 p.m.

# WATER, INFRASTRUCTURE, AND TRANSPORTATION COMMITTEE MINUTES Council of the County of Maui

July 13, 2020

APPROVED:

MG

() YUKI LEI K. SUGIMURA, Chair Water, Infrastructure, and Transportation Committee

hfc:min:200713:

Transcribed by: Jaylene K. Hamilton and Susan Leong

#### WATER, INFRASTRUCTURE, AND TRANSPORTATION COMMITTEE MINUTES Council of the County of Maui

July 13, 2020

# **CERTIFICATE**

I, Jaylene K. Hamilton, hereby certify that the foregoing represents to the best of my ability, a true and correct transcript of the proceedings. I further certify that I am not in any way concerned with the cause.

DATED the 18th day of August 2020, in Wailuku, Hawai'i

Jay Un K. Alano

Jaylene K. Hamilton

I, Susan Leong, hereby certify that the foregoing represents to the best of

my ability, a true and correct transcript of the proceedings. I further certify that I am not in any way concerned with the cause.

DATED the 18th day of August 2020, in Wailuku, Hawai'i

Susan Leong