



Video

ULI Tampa Bay Resilient Land Use Cohort Technical Assistance Panel

Presentation

Date: April 29, 2021

00:00:04 --> 00:00:08: Good afternoon everyone. I'm I'm really excited to come to
00:00:08 --> 00:00:12: introduce you to a group of folks that have really
00:00:12 --> 00:00:16: spent the last three days dedicating a lot of their
00:00:16 --> 00:00:16: time
00:00:16 --> 00:00:20: and resources to help the city of Tampa kind of
00:00:20 --> 00:00:21: reimagine.
00:00:21 --> 00:00:25: And frankly, on a lot of the great work that
00:00:25 --> 00:00:30: we have done so far on our stormwater management
practices
00:00:30 --> 00:00:31: and.
00:00:31 --> 00:00:33: And think about some opportunities for the future,
00:00:33 --> 00:00:37: and this is being done through a generous grant that
00:00:37 --> 00:00:39: the Urban Land Institute provided.
00:00:39 --> 00:00:42: And I'll let maybe Leah and Siobhan talk a little
00:00:42 --> 00:00:44: bit more about you.
00:00:44 --> 00:00:46: Li and the tap program,
00:00:46 --> 00:00:49: but I just want to thank the city Tampa leadership
00:00:49 --> 00:00:51: for joining this call.
00:00:51 --> 00:00:54: We've got hopefully kind of the Parks Department on Storm
00:00:54 --> 00:00:58: Water Department infrastructure ability and and your staff
dedicated some
00:00:58 --> 00:01:00: of their time this week to help.
00:01:00 --> 00:01:03: Kind of. Talk about their work and some of the
00:01:03 --> 00:01:06: best practices that you're that they are currently using with
00:01:06 --> 00:01:09: the ULLULI tap panel and so thank you for allowing
00:01:09 --> 00:01:12: them to spend some time with us and we're really
00:01:12 --> 00:01:15: excited to share some of their work combined with some
00:01:15 --> 00:01:18: of the best practices that are steam panel from across
00:01:18 --> 00:01:20: the country has put together for us today.

00:01:20 --> 00:01:22: So if I don't know if you just want to
00:01:22 --> 00:01:25: talk 2 seconds about you lie that app panel and
00:01:25 --> 00:01:28: the panelists themselves and then we can go right into
00:01:28 --> 00:01:31: the presentation. Yep, Taylor's
00:01:31 --> 00:01:32: got you covered with
00:01:32 --> 00:01:36: all that. Yeah, I'll be taken over thanks wit and
00:01:36 --> 00:01:39: thanks everyone for being here today with us.
00:01:39 --> 00:01:43: We're excited to present on our findings over the last
00:01:43 --> 00:01:44: couple of days here.
00:01:44 --> 00:01:47: A little bit about ULIULI's mission is to shape the
00:01:47 --> 00:01:51: future of the built environment for transformative impact in
communities
00:01:51 --> 00:01:55: worldwide and our membership organization is is truly
multidisciplinary.
00:01:55 --> 00:01:58: With 45,000 members in private and public sectors,
00:01:58 --> 00:02:01: we conduct research, provide a forum for sharing.
00:02:01 --> 00:02:03: Best practices be published. Books and magazines.
00:02:03 --> 00:02:06: Organize and conduct meetings, direct outreach programs,
00:02:06 --> 00:02:09: and conduct advisory service panels such as this one here,
00:02:09 --> 00:02:14: which is kind of called a technical advisory panel.
00:02:14 --> 00:02:19: Next slide. Urban resilience at ULI is obviously extremely
important
00:02:19 --> 00:02:20: recently,
00:02:20 --> 00:02:23: and we're honored to have Leah Shepherd with the ULA
00:02:23 --> 00:02:28: and Aaron with the ULI Resilience Team Urban Resilience
program
00:02:28 --> 00:02:32: brings utilize expertise and land use real estate and climate
00:02:32 --> 00:02:37: resilience to communities nationwide. We they've been
hosting these resilience
00:02:37 --> 00:02:41: panels which provide land use and development strategies
for vulnerable
00:02:41 --> 00:02:41: sites,
00:02:41 --> 00:02:44: assessed policies, opportunities to enhance Community
resilience,
00:02:44 --> 00:02:47: craft strategies for implementation and funding.
00:02:47 --> 00:02:53: Lakeside please. And so why are we here actually?
00:02:53 --> 00:02:57: Usually the resilience team they put together a resilient land
00:02:57 --> 00:02:58: use cohort,
00:02:58 --> 00:03:02: which were one of eight cities that is actually looking
00:03:02 --> 00:03:03: at a local local issue.
00:03:03 --> 00:03:06: So you lie. Tampa Bay was one of the grant
00:03:06 --> 00:03:10: recipients of this resilient land use cohort,
00:03:10 --> 00:03:14: and our luck platform, which is resilient land use cohort.
00:03:14 --> 00:03:17: Our luck is a platform for technical assistance and knowledge

00:03:17 --> 00:03:21: sharing between 8:00 cities and their UI District councils.

00:03:21 --> 00:03:25: Our luck leverages ULI member expertise to identify strategies for

00:03:25 --> 00:03:28: cities to be more resilient in the face of climate

00:03:28 --> 00:03:30: change and other vulnerabilities,

00:03:30 --> 00:03:33: as well as the related social,

00:03:33 --> 00:03:35: environmental and economic impacts. Next slide,

00:03:35 --> 00:03:40: please. We we we absolutely want to thank.

00:03:40 --> 00:03:43: Obviously the city of Tampa for your time and attention

00:03:43 --> 00:03:43: and expertise.

00:03:43 --> 00:03:47: And obviously a lot of knowledge sharing over the last

00:03:47 --> 00:03:49: few days as well as JP Morgan Chase,

00:03:49 --> 00:03:51: who actually funded the elect program.

00:03:51 --> 00:03:53: And so the city of Tampa and ULI went in

00:03:54 --> 00:03:57: for this project together and got a grant from JP

00:03:57 --> 00:03:58: Morgan Chase.

00:03:58 --> 00:04:01: And I believe someone was potentially going to be joining

00:04:01 --> 00:04:02: us from JP Morgan Chase.

00:04:02 --> 00:04:05: Not sure that they're here or if they're if they

00:04:05 --> 00:04:06: are.

00:04:06 --> 00:04:08: Hello, thank you for joining us.

00:04:10 --> 00:04:12: OK, so now we're down to the brass tacks of

00:04:12 --> 00:04:15: what we're doing and what we're presenting.

00:04:15 --> 00:04:19: Today we came up with wit and team.

00:04:19 --> 00:04:23: Cope, and so. This panel of experts that you'll meet

00:04:23 --> 00:04:27: here in a second were tasked with outlining best practices

00:04:27 --> 00:04:32: and recommendations for the following topics for city owned

00:04:32 --> 00:04:35: green spaces. So we want to look at creative design and

00:04:35 --> 00:04:40: equity centered solutions for addressing stormwater

00:04:40 --> 00:04:44: management and retention,

00:04:44 --> 00:04:45: while also adding value and appeal through more functional

00:04:44 --> 00:04:45: and

00:04:44 --> 00:04:45: multi-purpose uses.

00:04:45 --> 00:04:50: In addition to that, we want to look at successful.

00:04:50 --> 00:04:54: Frameworks for governance, finance, operations and

00:04:54 --> 00:04:57: management of city owned

00:04:54 --> 00:04:57: green spaces that are centered on equitable outcomes.

00:04:59 --> 00:05:01: Next slide, please. And so now I want to give

00:05:01 --> 00:05:03: a chance for you all to meet all of our

00:05:03 --> 00:05:04: esteemed panelists.

00:05:04 --> 00:05:06: And I'll start with Jason held in drum.

00:05:07 --> 00:05:09: Hi everybody, I'm Jason Helland wrong.

00:05:09 --> 00:05:13: I'm the vice president and director of planning and design
00:05:13 --> 00:05:14: for Tetra Tech.
00:05:14 --> 00:05:17: I'm in Boston, I'm a landscape architect and planner by
00:05:17 --> 00:05:20: training and I a lot of my practice is focused
00:05:20 --> 00:05:24: on integrating infrastructure projects into cities and so in that
00:05:24 --> 00:05:27: role. I work with all of our engineering environmental teams
00:05:27 --> 00:05:31: across the country to help integrate those kinds of projects
00:05:31 --> 00:05:34: into cities and help really guide and drive transformation and
00:05:34 --> 00:05:36: redevelopment and revitalization. Happy to be here.
00:05:39 --> 00:05:45: Happy. Hello everyone, I'm happy Haynes.
00:05:45 --> 00:05:50: I'm the executive director of Denver Parks and Recreation
and
00:05:51 --> 00:05:55: and who knew when I started this job five years
00:05:55 --> 00:06:01: ago that I'd become a semi expert in stormwater
management.
00:06:01 --> 00:06:05: But I have become a a real advocate for green
00:06:05 --> 00:06:11: infrastructure and for the the place making that up planning
00:06:11 --> 00:06:13: for stormwater.
00:06:13 --> 00:06:16: And parks and open spaces and just building livable spaces
00:06:16 --> 00:06:17: in our communities.
00:06:17 --> 00:06:20: Offers. So. Glad to be here
00:06:20 --> 00:06:22: today. Desire.
00:06:26 --> 00:06:28: Hi, thanks for having me.
00:06:28 --> 00:06:33: Josiah Kane and director of Innovation for Sherwood Design
Engineers
00:06:33 --> 00:06:37: where civil engineering firm and working a lot of green
00:06:37 --> 00:06:41: infrastructure and flood and water management projects.
00:06:41 --> 00:06:46: Uhm? I've been. Most deeply involved lately in the design
00:06:46 --> 00:06:52: and technical integration of civil infrastructure and urban
design.
00:06:52 --> 00:06:54: And have enjoyed looking at tempo with you.
00:06:58 --> 00:06:58: Again.
00:06:59 --> 00:07:03: Hi everyone, I'm Pegeen Hanrahan and I am a native
00:07:03 --> 00:07:05: and lifelong resident of Gainesville,
00:07:05 --> 00:07:09: but my sister is a longtime 30 year plus resident
00:07:09 --> 00:07:10: of Tampa,
00:07:10 --> 00:07:14: so she lives there in the South Tampa and Sunset
00:07:14 --> 00:07:14: Park.
00:07:14 --> 00:07:18: I work for the trust for public land and since
00:07:18 --> 00:07:20: 2005 I've worked on funding,
00:07:20 --> 00:07:24: parks, trails, land and even green schoolyards at the ballot
00:07:24 --> 00:07:24: box,
00:07:24 --> 00:07:28: including they hold for a elapp program and also amendment

00:07:29 --> 00:07:29: one in 2014.

00:07:29 --> 00:07:31: I Co chaired that campaign,

00:07:31 --> 00:07:34: so I also served 12 years as an elected official

00:07:35 --> 00:07:36: for the City of Gainesville.

00:07:36 --> 00:07:40: I was mayor for two terms and also City Commissioner

00:07:40 --> 00:07:42: and I am an environmental engineer.

00:07:42 --> 00:07:45: I did my masters research at the University of Florida

00:07:45 --> 00:07:47: in stormwater management actually,

00:07:47 --> 00:07:50: and I was very actively engaged in some of the

00:07:50 --> 00:07:54: huge park slash stormwater projects at the city of Gainesville,

00:07:54 --> 00:07:57: Depot Park and Sweetwater Wetlands Park or my babies,

00:07:57 --> 00:08:00: as was the wild spaces public.

00:08:00 --> 00:08:02: Places land conservation program and parks program,

00:08:02 --> 00:08:06: so leave it there. Excited to be here.

00:08:06 --> 00:08:07: And

00:08:07 --> 00:08:10: I did not introduce myself earlier 'cause I knew I

00:08:10 --> 00:08:12: would have a chance here.

00:08:12 --> 00:08:14: I'm Taylor, Ralph and I'm the president and founder of

00:08:14 --> 00:08:16: Real building consultants.

00:08:16 --> 00:08:19: Born and raised in Tampa and our firm I founded

00:08:19 --> 00:08:23: in 2006 and we are sustainability consultants and energy

00:08:23 --> 00:08:26: consultants

00:08:23 --> 00:08:26: and we work a lot with institutions and developers in

00:08:26 --> 00:08:29: the marketplace. Tampa Bay and throughout the southeast.

00:08:29 --> 00:08:32: I'm also honored to be the chair of this panel

00:08:32 --> 00:08:32: today,

00:08:32 --> 00:08:35: so that's why I kind of started things off,

00:08:35 --> 00:08:38: but. Glad to be here and get to see some

00:08:38 --> 00:08:42: familiar faces virtually and look forward to sharing with the

00:08:42 --> 00:08:42: team here,

00:08:42 --> 00:08:43: so Chris.

00:08:44 --> 00:08:46: Thank you Taylor. I'm Chris Ahearn,

00:08:46 --> 00:08:47: I'm actually a Tampa resident.

00:08:47 --> 00:08:51: I married into Tampa family in 2010 so I'm about

00:08:51 --> 00:08:56: my family's from Saint Petersburg so I'm very familiar with

00:08:56 --> 00:08:56: the Bay.

00:08:56 --> 00:09:00: I have an environmental engineer as well from the University

00:09:00 --> 00:09:00: of Florida.

00:09:00 --> 00:09:04: And my background is of most recently is last 20

00:09:04 --> 00:09:08: years water quality of estuaries and working specifically in

00:09:08 --> 00:09:11: the

00:09:08 --> 00:09:11: interface between the water and land.

00:09:11 --> 00:09:16: I focused a lot on capital program management infrastructure

related
00:09:16 --> 00:09:19: to marinas and waterfront structures.
00:09:19 --> 00:09:19: Awesome,
00:09:19 --> 00:09:23: awesome and I wanna also next slide.
00:09:23 --> 00:09:27: Make sure that we thank the awesome staff that has
00:09:27 --> 00:09:29: been helping us these last few days,
00:09:29 --> 00:09:31: but also these last few months.
00:09:31 --> 00:09:35: We recently finished another technical advisory panel with
the City
00:09:35 --> 00:09:35: of Tampa.
00:09:35 --> 00:09:38: The affordable housing and Equity Technical Advisory panel,
00:09:38 --> 00:09:42: and so Jen and Siobhan have been working really hard
00:09:42 --> 00:09:45: for a long while with on City of Tampa issues.
00:09:45 --> 00:09:48: Aaron Fowler with the Urban Resilience team is very familiar
00:09:48 --> 00:09:49: with Tampa.
00:09:49 --> 00:09:53: Actually just recently working for strategic property partners
and now
00:09:53 --> 00:09:54: is with ULI.
00:09:54 --> 00:09:55: Resilience team in in DC,
00:09:55 --> 00:09:58: and Leah Shepherd helped us get this grant and pulled
00:09:58 --> 00:10:01: us in her office in DC a couple of a
00:10:01 --> 00:10:03: year and a half ago or more now and said
00:10:03 --> 00:10:06: she had an opportunity and we were lucky to lucky
00:10:06 --> 00:10:07: to get it.
00:10:07 --> 00:10:10: So thank you all very much.
00:10:10 --> 00:10:14: Next slide. So you know a little bit about what
00:10:14 --> 00:10:16: we've been doing.
00:10:16 --> 00:10:19: Uhm, we actually did a local site visit with wit
00:10:19 --> 00:10:21: and with Keith,
00:10:21 --> 00:10:24: and he took us around to a lot of the
00:10:24 --> 00:10:25: stormwater ponds,
00:10:25 --> 00:10:29: especially in East Tampa, but also in South Tampa and
00:10:29 --> 00:10:31: we got an on the ground.
00:10:31 --> 00:10:34: Look at this and we also have like as I
00:10:35 --> 00:10:35: mentioned,
00:10:35 --> 00:10:39: we've spent the last three afternoons with all of these
00:10:39 --> 00:10:42: panelists interviewing stakeholders at the city.
00:10:42 --> 00:10:43: A lot of city staff,
00:10:43 --> 00:10:47: city advocates and and and community advocates as well,
00:10:47 --> 00:10:50: and we've also interacted a little bit with Adcom,
00:10:50 --> 00:10:54: who is working with on your parks master plan and
00:10:54 --> 00:10:57: we got some good insight from them as to what

00:10:57 --> 00:10:59: they're working on,
00:10:59 --> 00:11:02: what they're thinking about, and really just kind of understanding
00:11:02 --> 00:11:05: what the future holds in that department.
00:11:05 --> 00:11:08: And so here's some things that we heard with these
00:11:08 --> 00:11:12: small group meetings with the City team and community.
00:11:12 --> 00:11:15: Leaders we heard you know there is.
00:11:15 --> 00:11:18: There are some great examples and we saw there are
00:11:18 --> 00:11:21: some great examples of these stormwater pond conversions,
00:11:21 --> 00:11:25: but there might be opportunities to to expand and and
00:11:25 --> 00:11:27: and do more of these at scale.
00:11:27 --> 00:11:31: We also heard that that budgets are constrained and it's
00:11:31 --> 00:11:34: difficult for us to look beyond some of the immediate
00:11:34 --> 00:11:35: requirements,
00:11:35 --> 00:11:40: especially with related to climate change and sea level rise
00:11:40 --> 00:11:42: and storm water flooding etc.
00:11:42 --> 00:11:45: Improving community engagement is a current city focus and
I
00:11:46 --> 00:11:49: think you'll see through the presentation that that's a very
00:11:49 --> 00:11:52: important thing to understand that that it's it's an area
00:11:52 --> 00:11:58: of improvement. A potential area of improvement.
00:11:58 --> 00:12:01: We also learned that some of the cross departmental
projects
00:12:01 --> 00:12:03: are more one off than the norm,
00:12:03 --> 00:12:06: and so that's something that will be addressed a little
00:12:06 --> 00:12:07: bit in the presentation.
00:12:07 --> 00:12:10: And you know, there's a lot of stormwater ponds in
00:12:10 --> 00:12:13: East Tampa and and and there's reasons for that,
00:12:13 --> 00:12:16: and there might be some you know under investment in
00:12:16 --> 00:12:17: the infrastructure in this area.
00:12:17 --> 00:12:20: But there's also new ways of doing things,
00:12:20 --> 00:12:23: and so there's challenges, and I think there's a lot
00:12:23 --> 00:12:24: of opportunity as well,
00:12:24 --> 00:12:28: and I'm looking forward looking forward to for the team
00:12:28 --> 00:12:28: too.
00:12:28 --> 00:12:30: Present more about that. Next slide,
00:12:30 --> 00:12:33: please. So as I mentioned,
00:12:33 --> 00:12:35: you know I was born and raised in Tampa.
00:12:35 --> 00:12:38: I started my business in Tampa and you know,
00:12:38 --> 00:12:39: back in 2006 through 2008,
00:12:39 --> 00:12:42: nine you know the city was really in the midst
00:12:42 --> 00:12:45: of making some changes and I think you know one
00:12:45 --> 00:12:48: thing that we want to recognize is that we want

00:12:48 --> 00:12:51: to build on the the good work that the city
00:12:51 --> 00:12:53: has been doing these last decades here.
00:12:53 --> 00:12:55: And there's some great plans there's.
00:12:55 --> 00:12:57: There's a lot of good plans in place.
00:12:57 --> 00:13:00: There's more plans that are in the works.
00:13:00 --> 00:13:02: Like I mentioned, the parks master plan.
00:13:02 --> 00:13:05: As well as the resilient Tampa Resilience Road map plan
00:13:05 --> 00:13:08: that wits working on with the team and and you
00:13:08 --> 00:13:11: know these they also the transition teams,
00:13:11 --> 00:13:15: the city, the Mayor's transition advisory teams have made
some
00:13:15 --> 00:13:18: great recommendations and so one of the things that we
00:13:18 --> 00:13:21: did here was that some of these recommendations and plans
00:13:21 --> 00:13:24: are really ready to be coalesced around a common and
00:13:24 --> 00:13:28: and and well communicated vision that all of the city
00:13:28 --> 00:13:31: residents and staff can kind of rally behind.
00:13:31 --> 00:13:36: Next slide, please. Uhm, consistent with the city sustainability
and
00:13:36 --> 00:13:40: resiliency goals to address and combat climate change.
00:13:40 --> 00:13:43: We also feel there's a huge opportunity to reimagine what
00:13:43 --> 00:13:46: some of these stormwater ponds can do for the city
00:13:46 --> 00:13:48: and for the surrounding community.
00:13:48 --> 00:13:52: After all, resiliency isn't just hard infrastructure to fight rising
00:13:52 --> 00:13:52: seas.
00:13:52 --> 00:13:54: It's also community resiliency and equity,
00:13:54 --> 00:13:57: something that you lie feels very strongly.
00:13:57 --> 00:14:00: That equity should be. We should lead with equity,
00:14:00 --> 00:14:03: and it's also about community building and building.
00:14:03 --> 00:14:05: The kind of city that.
00:14:05 --> 00:14:08: We all want to live in so really what you're
00:14:08 --> 00:14:10: going to hear today is is is 1 big idea,
00:14:10 --> 00:14:13: but there's a lot of ideas and there's a lot
00:14:13 --> 00:14:16: of work that's going to have to happen beyond.
00:14:16 --> 00:14:18: But really we want to try to find these multi
00:14:18 --> 00:14:21: benefit solutions to these stormwater ponds and green
spaces that
00:14:22 --> 00:14:23: may only currently serve one purpose,
00:14:23 --> 00:14:26: and I think you'll find that this is going to
00:14:26 --> 00:14:28: not only help the city,
00:14:28 --> 00:14:32: but it's also going to help our citizens in our
00:14:32 --> 00:14:33: community.
00:14:33 --> 00:14:35: And and and as I mentioned,
00:14:35 --> 00:14:39: you know we have some great examples within the city

00:14:39 --> 00:14:40: of of these spaces,
00:14:40 --> 00:14:44: and we really want to work on.
00:14:44 --> 00:14:46: Finding these smart systems of prioritization,
00:14:46 --> 00:14:51: prioritization, sorry and collaboration that will unlock the ability to
00:14:51 --> 00:14:53: do these projects at scale.
00:14:53 --> 00:14:55: And now handed off to Josiah.
00:14:58 --> 00:15:02: Hi thanks uhm go ahead and move to the next
00:15:03 --> 00:15:03: slide.
00:15:03 --> 00:15:10: As Taylor mentioned, we met with several community leaders.
00:15:10 --> 00:15:13: And you know you have good people that you can
00:15:13 --> 00:15:14: be proud of.
00:15:14 --> 00:15:17: Obviously in the city we also heard.
00:15:17 --> 00:15:20: That there may be. There may be a bit of
00:15:20 --> 00:15:24: a silo approach to dealing with some of these issues
00:15:25 --> 00:15:25: and.
00:15:25 --> 00:15:30: In our experience. We're dealing with constraints that we're all
00:15:30 --> 00:15:31: aware of.
00:15:31 --> 00:15:35: You know, budgets are smaller than they once were,
00:15:35 --> 00:15:37: UM, we also have climate change,
00:15:37 --> 00:15:40: and we have unpredictability with our infrastructure.
00:15:40 --> 00:15:44: What that means is there's constraints for space and.
00:15:44 --> 00:15:48: Really, cities everywhere are learning to collaborate and look at
00:15:48 --> 00:15:52: multi benefit projects where infrastructure and other uses overlap.
00:15:52 --> 00:15:56: This is an example of a project in this case
00:15:56 --> 00:15:59: in California where we're looking at,
00:15:59 --> 00:16:02: you know, land use and planning scale,
00:16:02 --> 00:16:07: trying to understand what underutilized spaces there are and how
00:16:07 --> 00:16:11: to integrate those with flood management and an open space.
00:16:14 --> 00:16:18: Next slide, please. So we we did quite a bit
00:16:18 --> 00:16:23: of work in this area working with the UN habitat
00:16:23 --> 00:16:28: three process a few years ago that culminated in actually
00:16:28 --> 00:16:32: writing a book with Columbia about water infrastructure and equitable
00:16:32 --> 00:16:34: deployment of these resilient systems.
00:16:34 --> 00:16:38: Looking at issues spanning from the developing world to the
00:16:38 --> 00:16:40: modern infrastructure in cities,
00:16:40 --> 00:16:44: a few really key elements of rose to the top.

00:16:44 --> 00:16:46: The payback structure, of course.
00:16:46 --> 00:16:50: At times it costs a little more upfront to get
00:16:50 --> 00:16:54: those benefits on the on the downstream side looking at
00:16:54 --> 00:16:58: different scenarios and how you know maybe 30 or 40%
00:16:58 --> 00:17:01: financial gain on some of these projects over like 25
00:17:01 --> 00:17:05: years and the benefits from there just keep going.
00:17:05 --> 00:17:08: Also looking at how to really integrate this into city
00:17:08 --> 00:17:09: process,
00:17:09 --> 00:17:12: I will. I will say about the the cost framework
00:17:12 --> 00:17:16: a lot of times even though there's an increase in
00:17:16 --> 00:17:17: initial capital cost.
00:17:17 --> 00:17:20: You see the benefit on the downside,
00:17:20 --> 00:17:21: but also if you're stacking functions,
00:17:21 --> 00:17:24: it's not landing in a single agency,
00:17:24 --> 00:17:27: and so the actual cost for each agency getting the
00:17:27 --> 00:17:29: thing that they're trying to accomplish goes down,
00:17:29 --> 00:17:33: while the initial cost goes up and it's counter intuitive,
00:17:33 --> 00:17:36: but that's what happens when you start to combine budgets
00:17:36 --> 00:17:39: and look at using the same space for more than
00:17:39 --> 00:17:40: one use next slide.
00:17:43 --> 00:17:46: There is a chapter in that book that really zeroes
00:17:47 --> 00:17:47: in,
00:17:47 --> 00:17:50: I think, in a way that's most relevant here,
00:17:50 --> 00:17:53: which is really looking at this multi scalar and jurisdictional
00:17:53 --> 00:17:54: approach.
00:17:54 --> 00:17:57: From a regional approach down to a watershed approach,
00:17:57 --> 00:18:01: taking, say, the Riverwalk idea and really expanding the idea
00:18:01 --> 00:18:03: of what a river is it,
00:18:03 --> 00:18:05: which is the entire watershed,
00:18:05 --> 00:18:08: the entire city is the river because it's flowing into
00:18:08 --> 00:18:12: the river and it controls the water quality in the
00:18:12 --> 00:18:15: flow and being able to connect the river laterally to
00:18:15 --> 00:18:18: its historic tributaries, which often or where.
00:18:18 --> 00:18:20: For example, these funds reside.
00:18:20 --> 00:18:22: This is a project we worked on,
00:18:22 --> 00:18:24: Brooklyn Brooklyn Bridge Park, actually.
00:18:24 --> 00:18:29: Uhm, massive storm water infrastructure also amazing open
00:18:29 --> 00:18:34: space but
00:18:29 --> 00:18:34: in in areas like this primarily providing infrastructure and
00:18:34 --> 00:18:38: habitat
00:18:34 --> 00:18:38: but also all the benefits that come along and and
00:18:38 --> 00:18:41: you could take that to microbiology approach.

00:18:41 --> 00:18:44: It's been shown in study over studying.

00:18:44 --> 00:18:49: Now that cities that have healthy ecology actually have microbial

00:18:49 --> 00:18:51: benefits to human immune system.

00:18:51 --> 00:18:56: So like the public health benefits of having healthy ecology.

00:18:56 --> 00:18:59: Uhm, in these sort of marginal spaces goes way beyond

00:18:59 --> 00:19:01: what we might think intuitively.

00:19:01 --> 00:19:03: And then on the right side here.

00:19:03 --> 00:19:07: Just looking at how some of these different interventions or

00:19:07 --> 00:19:10: different typology in the urban fabric can be thought about

00:19:10 --> 00:19:12: holistically and a planning sort of way.

00:19:12 --> 00:19:16: So once again bringing that civil infrastructure in server and

00:19:16 --> 00:19:18: design and planning next slide please.

00:19:20 --> 00:19:24: A lafon park in New Orleans is an example where

00:19:24 --> 00:19:27: we we did that and I think it's very relevant

00:19:27 --> 00:19:27: here.

00:19:27 --> 00:19:32: I mean, there's some familiar types of geometry and.

00:19:32 --> 00:19:35: You know a big focus here is this hydrology hike,

00:19:35 --> 00:19:37: where it's literally an educational component,

00:19:37 --> 00:19:41: helping people understand why public spaces look the way they

00:19:41 --> 00:19:41: look,

00:19:41 --> 00:19:44: the importance of the infrastructure in those spaces,

00:19:44 --> 00:19:46: how to interact with them experientially.

00:19:46 --> 00:19:49: Very often these big flood events that are that are

00:19:49 --> 00:19:52: threats to public safety are very rare.

00:19:52 --> 00:19:55: Maybe once a decade. What happens the other 99%

00:19:55 --> 00:19:57: of the time in those spaces,

00:19:57 --> 00:20:00: and how are they assets to the culture and the

00:20:01 --> 00:20:01: community?

00:20:01 --> 00:20:04: And with that, I think I'll pass it on some

00:20:04 --> 00:20:07: of my other partners are going to get into some

00:20:07 --> 00:20:08: of these details,

00:20:08 --> 00:20:09: thanks. OK,

00:20:09 --> 00:20:13: thanks Josiah. So I'm going to talk a little bit

00:20:13 --> 00:20:16: about how do you transform a vision into reality and

00:20:16 --> 00:20:19: how do you move it to implementation and let's go

00:20:19 --> 00:20:23: to the next slide. And you know,

00:20:23 --> 00:20:26: sharing on the screen, some of the goals and priorities

00:20:26 --> 00:20:28: from the T3 plan,

00:20:28 --> 00:20:31: and it gets into some of the higher level goals

00:20:31 --> 00:20:33: and objectives that have been outlined.

00:20:33 --> 00:20:36: And it's really about equity and opportunities for all

champions

00:20:36 --> 00:20:38: and really building our neighborhoods.

00:20:38 --> 00:20:41: And then you see this matrix of weird overlays with

00:20:41 --> 00:20:46: some of the other priorities around transportation and workforce development.

00:20:46 --> 00:20:48: And of course, I think the key is when you

00:20:49 --> 00:20:52: start to look at sustainability and resilience.

00:20:52 --> 00:20:54: It really is something that is a lens that brings

00:20:54 --> 00:20:56: all of these elements actually together.

00:20:56 --> 00:20:58: It's not 1 standalone item,

00:20:58 --> 00:21:01: but it really finds all of those intersections between all

00:21:01 --> 00:21:01: of them,

00:21:01 --> 00:21:03: and that's the key. I mean,

00:21:03 --> 00:21:06: every city is dealing with budgets and struggling to implement

00:21:06 --> 00:21:06: projects,

00:21:06 --> 00:21:09: and the key is how do you bring some of

00:21:09 --> 00:21:11: these projects together and do it in a way that

00:21:11 --> 00:21:15: you can actually leverage creator benefits and actually leverage greater

00:21:15 --> 00:21:18: and broader budgets to help implement these projects.

00:21:18 --> 00:21:20: So you know that aspect of the finding,

00:21:20 --> 00:21:22: those intersections to bring things.

00:21:22 --> 00:21:25: Together next slide. I'm going to talk a little bit

00:21:25 --> 00:21:29: about a project that we've been working on and it

00:21:29 --> 00:21:32: I'm going to share this because it offers a good

00:21:32 --> 00:21:35: kind of framework and methodology that I think is adaptable

00:21:35 --> 00:21:38: and it really gets that aspect of thinking about how

00:21:38 --> 00:21:41: do we move to implementation and it's living with the

00:21:41 --> 00:21:44: bank. This is in Nassau County in Long Island,

00:21:44 --> 00:21:47: and this was one of the projects that emerged out

00:21:47 --> 00:21:48: of the HUD rebuild by design,

00:21:48 --> 00:21:52: competition and the competition was organized by Rockefeller Foundation.

00:21:52 --> 00:21:56: And HUD reserved a billion dollars from the Superstorm Sandy

00:21:56 --> 00:21:59: Recovery Fund to look and invest in some of these

00:21:59 --> 00:22:00: projects.

00:22:00 --> 00:22:02: And what the goal was was to look at long

00:22:02 --> 00:22:06: term innovations and resilience so that not just building back

00:22:07 --> 00:22:09: what was damaged during Superstorm Sandy,

00:22:09 --> 00:22:12: but looking at long term innovations or resilience,

00:22:12 --> 00:22:16: science based, and that could address future climate change,

00:22:16 --> 00:22:18: impacts, and so in this program,

00:22:18 --> 00:22:22: through the competition that the project was awarded a \$125
00:22:22 --> 00:22:23: million.
00:22:23 --> 00:22:25: And it looked at some of the the coastal flood
00:22:25 --> 00:22:25: protection.
00:22:25 --> 00:22:29: It looked at some of the inland flooding that occurred
00:22:29 --> 00:22:31: from storm water and then all the other elements and
00:22:32 --> 00:22:32: next slide.
00:22:32 --> 00:22:35: The key with all of it was it was a
00:22:35 --> 00:22:36: broad,
00:22:36 --> 00:22:39: comprehensive goal within a broader watershed of the whole
county,
00:22:39 --> 00:22:41: and we were hired by the state to help come
00:22:41 --> 00:22:43: in work through the design,
00:22:43 --> 00:22:45: work with the the original design team,
00:22:45 --> 00:22:48: but work through all the engineering kind of get it
00:22:48 --> 00:22:49: figured out.
00:22:49 --> 00:22:52: Look at the budget, make sure it's on budget,
00:22:52 --> 00:22:55: look at the scheduling. And as we got into this
00:22:55 --> 00:22:57: and started working on it,
00:22:57 --> 00:22:59: you can see here these are 36 of the project
00:22:59 --> 00:23:01: profiles that came together.
00:23:01 --> 00:23:03: It was almost \$900 million.
00:23:03 --> 00:23:05: So kind of a similar struggle that many cities are
00:23:05 --> 00:23:06: having.
00:23:06 --> 00:23:08: How do you balance all these budgets?
00:23:08 --> 00:23:11: But when you when you broke it down to the
00:23:11 --> 00:23:12: nuts and bolts,
00:23:12 --> 00:23:15: it was a lot of these elements around improving some
00:23:15 --> 00:23:16: of the parks,
00:23:16 --> 00:23:18: including improving some of the flood protection.
00:23:18 --> 00:23:19: Some of it was coastal surge,
00:23:19 --> 00:23:22: some was stormwater flooding, but also looked at water
quality
00:23:22 --> 00:23:25: and elements like community benefits and social resilience.
00:23:25 --> 00:23:27: So how we could link the community together,
00:23:27 --> 00:23:30: improve social cohesion linked to some of the community
centers.
00:23:30 --> 00:23:32: So how do we move forward?
00:23:32 --> 00:23:34: With this project that was over budget next slide.
00:23:37 --> 00:23:40: We we stepped, we step back and through that rebuild
00:23:40 --> 00:23:42: by design competition process,
00:23:42 --> 00:23:44: there were several layers to it.
00:23:44 --> 00:23:48: One was looking at HUD and their community development

block

00:23:48 --> 00:23:51: grant goals and really looking at that and and the

00:23:51 --> 00:23:51: goal,

00:23:51 --> 00:23:53: the overarching goal they're being.

00:23:53 --> 00:23:56: How do we tie into really the community and social

00:23:56 --> 00:24:00: vulnerability low and moderate income and then with that also

00:24:00 --> 00:24:03: layering in some of the components from rebuild by design

00:24:03 --> 00:24:07: and then the project goals from living with the Bay.

00:24:07 --> 00:24:10: And we ultimately kind of coalesce these into five goals

00:24:10 --> 00:24:13: that brought all these elements together that you see in

00:24:13 --> 00:24:16: the middle that really looked at flood protection,

00:24:16 --> 00:24:18: coastal and inland storm water,

00:24:18 --> 00:24:21: but also looking at all these other elements about really

00:24:21 --> 00:24:23: livability quality of life,

00:24:23 --> 00:24:27: bringing the community together. Opportunities for education that we could

00:24:27 --> 00:24:29: use that as then a lens that could be used

00:24:29 --> 00:24:31: to evaluate all those projects.

00:24:31 --> 00:24:34: Use it as an evaluation criteria to move it forward.

00:24:34 --> 00:24:40: Next slide. And so we we broke this down.

00:24:40 --> 00:24:43: And this was kind of this methodology that we actually

00:24:43 --> 00:24:46: spent about six months working with a technical advisory committee

00:24:46 --> 00:24:48: of different city and town,

00:24:48 --> 00:24:51: staff and village staff of all the cities and towns

00:24:51 --> 00:24:53: and villages within that watershed.

00:24:53 --> 00:24:55: And you're kind of looking at it.

00:24:55 --> 00:24:57: You know the costs, the benefits,

00:24:57 --> 00:24:58: the risks, the vulnerabilities, all those.

00:24:58 --> 00:25:01: But what were some of the synergies that we could

00:25:01 --> 00:25:04: start to align multi benefit projects to get the best

00:25:04 --> 00:25:05: bang for our buck?

00:25:05 --> 00:25:08: And you can see on the right and the far

00:25:08 --> 00:25:11: right column is that maximum score you're looking at costs

00:25:11 --> 00:25:14: and benefits and social resilience that was sort of this

00:25:14 --> 00:25:16: lever that we worked with the community,

00:25:16 --> 00:25:19: moving them up and down and adjusting to see what

00:25:19 --> 00:25:19: meat.

00:25:19 --> 00:25:22: What worked best. It wasn't just driven by flood risk

00:25:22 --> 00:25:23: reduction.

00:25:23 --> 00:25:26: But it was all the other elements so that we

00:25:26 --> 00:25:29: could then look and evaluate all these projects and see

00:25:29 --> 00:25:32: how well they fit and where could we get the
00:25:32 --> 00:25:35: best benefit from them in terms of building community
resilience
00:25:35 --> 00:25:38: for this region within the watershed in Long Island next.
00:25:41 --> 00:25:44: So as we worked through it,
00:25:44 --> 00:25:46: we we kind of came through.
00:25:46 --> 00:25:48: We scored all the projects,
00:25:48 --> 00:25:51: gave them their ranking to then see where it was
00:25:51 --> 00:25:52: it was.
00:25:52 --> 00:25:54: It was all very quantitative.
00:25:54 --> 00:25:57: We wanted this to be defensible because in reality everyone
00:25:57 --> 00:26:01: was looking for where they could get investments made in
00:26:01 --> 00:26:04: their community and we wanted to demonstrate where was it
00:26:04 --> 00:26:08: most demonstrating the best in terms of damage reduction
costs.
00:26:08 --> 00:26:10: What were some of the best opportunities?
00:26:10 --> 00:26:13: Also have. Ecological benefits from ecosystem services.
00:26:13 --> 00:26:16: You know, one of the big pieces was within this
00:26:16 --> 00:26:17: Mill River Greenway,
00:26:17 --> 00:26:20: which was kind of the heart of this whole watershed
00:26:20 --> 00:26:21: was.
00:26:21 --> 00:26:24: There was a lot of erosion and scouring along the
00:26:24 --> 00:26:27: river edge so you know one of the elements was
00:26:27 --> 00:26:28: a living shoreline.
00:26:28 --> 00:26:31: Other aspects of trying to improve water quality along that
00:26:31 --> 00:26:31: Greenway.
00:26:31 --> 00:26:34: Where could we expand it?
00:26:34 --> 00:26:35: Expand some of the parks,
00:26:35 --> 00:26:38: make better linkages on some of the streets to the
00:26:38 --> 00:26:41: neighborhoods linked to some of those community centers,
00:26:41 --> 00:26:44: like a high school, a couple of senior living facilities,
00:26:44 --> 00:26:46: some affordable housing facilities that we could make.
00:26:46 --> 00:26:50: Some of these linkages to best tie the community together
00:26:50 --> 00:26:53: so this was a very kind of almost science based
00:26:53 --> 00:26:55: approach to quantifying and next slide.
00:26:55 --> 00:26:59: We didn't stop there. We once we had that initial
00:26:59 --> 00:26:59: rating.
00:26:59 --> 00:27:01: We continued working with the community.
00:27:01 --> 00:27:04: Said alright. This looks pretty good,
00:27:04 --> 00:27:07: but you know, are we doing as well as we
00:27:07 --> 00:27:08: can.
00:27:08 --> 00:27:11: We continued working with the technical advisory committees
who said,

00:27:11 --> 00:27:13: you know, where can we get even greater leverage?
00:27:13 --> 00:27:16: We've got this \$125 million investment from HUD,
00:27:16 --> 00:27:18: but where can we tap into other greater funds with
00:27:18 --> 00:27:21: investments that are being made within the communities?
00:27:21 --> 00:27:24: But then also, where can we make investments that can
00:27:24 --> 00:27:25: actually have a greater,
00:27:25 --> 00:27:27: more equitable impact on the Community?
00:27:27 --> 00:27:30: And so you can see some of these projects came
00:27:30 --> 00:27:31: forward.
00:27:31 --> 00:27:33: You see right there about the 4th project down.
00:27:33 --> 00:27:36: Cooper Square that had a high rating.
00:27:36 --> 00:27:38: It dropped out. It really had no social benefit,
00:27:38 --> 00:27:40: so we actually pushed that off.
00:27:40 --> 00:27:43: All of the projects move forward in the broader resilient
00:27:43 --> 00:27:44: strategy,
00:27:44 --> 00:27:47: but we then align what were the projects that would
00:27:47 --> 00:27:49: fit within the budget and next slide.
00:27:52 --> 00:27:54: So living with the Bay was adopted,
00:27:54 --> 00:27:56: went into full design about a year and a half
00:27:56 --> 00:28:00: ago and it's just started construction finished all the
permitting.
00:28:00 --> 00:28:02: Last year I wanted to shift just in wrapping up
00:28:02 --> 00:28:05: and and reflect on some work we've been doing in
00:28:05 --> 00:28:08: Detroit because we've been working there for many years
and
00:28:08 --> 00:28:11: there's a lot of success is already seeing that I
00:28:11 --> 00:28:11: think,
00:28:11 --> 00:28:14: are the outcomes that we want to see and it
00:28:14 --> 00:28:17: really looks at that vision and broad based resilience and
00:28:17 --> 00:28:18: multi benefit solutions.
00:28:18 --> 00:28:21: But I think a key piece and you see it
00:28:21 --> 00:28:22: on the top.
00:28:22 --> 00:28:24: Right is the partnerships. The interdepartmental coordination,
00:28:24 --> 00:28:28: as well as working with other NGO's universities,
00:28:28 --> 00:28:31: community groups, really to drive this and into Detroit,
00:28:31 --> 00:28:35: you're working with the city that was going through their
00:28:35 --> 00:28:35: bankruptcy.
00:28:35 --> 00:28:38: We really work with the community,
00:28:38 --> 00:28:41: where initially a lot of the funding came to Detroit
00:28:41 --> 00:28:45: Water and Sewer department and that was really around rate
00:28:45 --> 00:28:46: paying,
00:28:46 --> 00:28:50: associated with meeting their permits for their from their
consent

00:28:50 --> 00:28:52: decree for their Ms 4.

00:28:52 --> 00:28:55: Permit. And so we started looking at some of those

00:28:55 --> 00:28:59: investments in green infrastructure and aligning with the land bank

00:28:59 --> 00:29:02: where it being Detroit there is vacancy.

00:29:02 --> 00:29:05: We took vacant lots. We started doing single lot green

00:29:05 --> 00:29:08: infrastructure projects that you see on the left.

00:29:08 --> 00:29:11: We had successes there. We moved on,

00:29:11 --> 00:29:13: started working with the Parks Department,

00:29:13 --> 00:29:15: integrating green infrastructure in the Parks Department.

00:29:15 --> 00:29:19: We then started working with the Transportation Department working in

00:29:19 --> 00:29:20: some of their boulevards.

00:29:20 --> 00:29:24: Finally actually aggregating some bigger regional projects where we're daylighting

00:29:24 --> 00:29:24: streams.

00:29:24 --> 00:29:27: In some of these abandoned neighborhoods on the West side

00:29:27 --> 00:29:31: or at northwest side of Detroit to actually create new

00:29:31 --> 00:29:33: greenways and new Park systems.

00:29:33 --> 00:29:36: But it really demonstrates this integration of what started as

00:29:36 --> 00:29:39: just an initiative with DW SD really started bringing the

00:29:39 --> 00:29:42: land bank parks housing sustainability public works,

00:29:42 --> 00:29:45: all the different departments to help kind of guide moving

00:29:45 --> 00:29:49: forward with all these implementation pieces that fulfill this greater,

00:29:49 --> 00:29:53: bigger vision. So with that I'm going to turn it

00:29:53 --> 00:29:54: over to happy and.

00:29:54 --> 00:29:57: She's gonna expand on some of the discussion on partnerships

00:29:57 --> 00:29:58: and collaboration.

00:29:58 --> 00:29:59: Happy.

00:30:00 --> 00:30:04: Thank you Jason. Uhm, I I didn't mention in my

00:30:04 --> 00:30:09: introduction that I've been involved in community engagement in one

00:30:09 --> 00:30:12: way or the other of my entire career,

00:30:12 --> 00:30:15: or whether, as an elected official,

00:30:15 --> 00:30:19: as a Community engagement officer or in my private work

00:30:19 --> 00:30:20: as a facilitator.

00:30:20 --> 00:30:23: And so I've had a chance to reflect a lot

00:30:23 --> 00:30:27: on community engagement and why we do it.

00:30:27 --> 00:30:31: And, you know, we're thinking about the projects like the

00:30:31 --> 00:30:32: ones you've just seen,

00:30:32 --> 00:30:38: so why? It helps to improve the design throughout the
00:30:38 --> 00:30:38: process.
00:30:38 --> 00:30:44: It helps to address resource constraints like maybe you need
00:30:44 --> 00:30:45: to acquire land.
00:30:45 --> 00:30:49: It builds support for the project itself and it can
00:30:49 --> 00:30:55: support a building building support for future projects
because you're
00:30:55 --> 00:31:01: building trust in the community and establishing long lasting
relationships,
00:31:01 --> 00:31:06: and it can also lead to more equitable outcomes.
00:31:06 --> 00:31:08: In our cities. And so,
00:31:08 --> 00:31:11: uh, you know, big projects,
00:31:11 --> 00:31:16: like the ones that we're talking about that are complex.
00:31:16 --> 00:31:20: Big impacts on the community and there are going to
00:31:20 --> 00:31:21: be affected,
00:31:21 --> 00:31:25: and so I use that phrase or switched it around
00:31:25 --> 00:31:26: a little.
00:31:26 --> 00:31:29: You can pay attention to me now,
00:31:29 --> 00:31:33: or you can pay more attention to me later when
00:31:33 --> 00:31:37: when I haven't been involved and I'm suffering from what
00:31:37 --> 00:31:39: I think are the impacts.
00:31:39 --> 00:31:43: So better to have a strong community engagement plan from
00:31:43 --> 00:31:45: the very beginning.
00:31:45 --> 00:31:47: Now, community engagement has runs a spectrum.
00:31:47 --> 00:31:53: From the informing people, which is important and letting
them
00:31:53 --> 00:31:53: know,
00:31:53 --> 00:31:56: providing information, what's going on,
00:31:56 --> 00:32:02: giving them technical information, getting their consent for
moving forward
00:32:02 --> 00:32:06: or what the plan involves involving them in the project
00:32:06 --> 00:32:07: itself,
00:32:07 --> 00:32:12: collaborating with them, which means really treating them as
partners
00:32:13 --> 00:32:16: and bringing their own expertise to the table.
00:32:16 --> 00:32:21: And finally. Empowering them, and that actually means
sharing decisions
00:32:21 --> 00:32:22: with the community.
00:32:22 --> 00:32:26: So I've outlined here on the screen just some some
00:32:26 --> 00:32:32: common steps towards with a very intentional community
engagement plan
00:32:32 --> 00:32:35: that is implemented early in a project,
00:32:35 --> 00:32:38: and it involves going out into the community,

00:32:38 --> 00:32:42: coming back into the staff and into the project,
00:32:42 --> 00:32:46: team, refining, going back out to the community,
00:32:46 --> 00:32:51: coming back. Reflecting what we've heard from the
community and
00:32:51 --> 00:32:56: going back out and showing them how it's reflected in
00:32:56 --> 00:32:58: the next part of the proposal.
00:32:58 --> 00:33:01: This, this engagement takes many forms.
00:33:01 --> 00:33:05: Sometimes a town hall style public meeting open houses
where
00:33:05 --> 00:33:09: community residents get a chance one on one to talk
00:33:09 --> 00:33:10: to staff.
00:33:10 --> 00:33:14: A very effective method surveys broad community surveys to
get
00:33:14 --> 00:33:18: their input and and think about their preferences.
00:33:18 --> 00:33:20: Then their worries, focus groups,
00:33:20 --> 00:33:23: and finally something that I've really come to treasure.
00:33:23 --> 00:33:27: A lot of very formal part of community engagement which
00:33:27 --> 00:33:31: is forming stakeholder groups that are involved in the project
00:33:31 --> 00:33:35: from beginning to end and really begin through the course
00:33:35 --> 00:33:39: of the project to develop their own become subject matter
00:33:39 --> 00:33:42: experts about about the project and more importantly,
00:33:42 --> 00:33:46: about their community. You'll notice at the end I put
00:33:46 --> 00:33:46: celebrate.
00:33:46 --> 00:33:49: It's something that we tend to forget.
00:33:49 --> 00:33:52: With many of our projects we we we like to
00:33:52 --> 00:33:55: get things done and then move on to the next
00:33:55 --> 00:33:57: thing and it's important,
00:33:57 --> 00:34:01: particularly in the community to celebrate success and to
have
00:34:01 --> 00:34:04: at the end of the day a long list of
00:34:04 --> 00:34:07: thank yous which include many of the residents of the
00:34:07 --> 00:34:10: community. I talked about structures for community
engagement.
00:34:10 --> 00:34:13: If you go to the next slide.
00:34:13 --> 00:34:17: Another thing that we tend to do is,
00:34:17 --> 00:34:21: I think there's another slide in between there.
00:34:21 --> 00:34:27: A loop. Alright, well we're missing that slide,
00:34:27 --> 00:34:31: but I'll talk about it anyway and that is,
00:34:31 --> 00:34:35: uhm. We tend to forget about the staff.
00:34:35 --> 00:34:38: Staff is a part of the community too,
00:34:39 --> 00:34:42: and it's important to have an intentional structure.
00:34:42 --> 00:34:46: You've seen these big projects that have been talked about
00:34:46 --> 00:34:47: earlier today.

00:34:47 --> 00:34:50: Big projects require big teams and a big response.
00:34:50 --> 00:34:55: Complex teams all hands on deck ones that are integrate
00:34:55 --> 00:34:59: all of the disciplines in the city and all of
00:34:59 --> 00:35:01: the agencies who are at the table.
00:35:01 --> 00:35:05: And, UM. It's very important to have all of them
00:35:05 --> 00:35:10: there and then to have shared goals amongst those team
00:35:10 --> 00:35:10: members.
00:35:10 --> 00:35:15: Shared metrics like the ones you saw Jason just share
00:35:15 --> 00:35:20: and the result of that very intentional structure amongst the
00:35:20 --> 00:35:22: an all hands on deck staff team.
00:35:22 --> 00:35:24: If you will, is it.
00:35:24 --> 00:35:29: You began to change the culture in Denver through the
00:35:29 --> 00:35:33: projects that you'll see a little bit in a moment.
00:35:33 --> 00:35:36: We have begun to adopt this culture of,
00:35:36 --> 00:35:40: you know, ideas are you know we go big or
00:35:40 --> 00:35:43: go home and and that is we don't shy away
00:35:43 --> 00:35:48: from big complex tough projects because we know that
together
00:35:48 --> 00:35:51: we can do more and we can do better and
00:35:51 --> 00:35:55: so we see our fellow agency members as partners in
00:35:55 --> 00:35:58: almost every project that we undertake.
00:35:58 --> 00:36:00: So I'll give you an example.
00:36:00 --> 00:36:03: If you go to the the next slide.
00:36:07 --> 00:36:10: So when I first came to Parks and Recreation,
00:36:10 --> 00:36:14: I was not. I didn't know anything about storm management.
00:36:14 --> 00:36:18: I didn't know anything about green infrastructure and my first
00:36:18 --> 00:36:19: week on the job,
00:36:19 --> 00:36:23: some people from storm management came to me and said
00:36:23 --> 00:36:27: they wanted to tear up one of my golf courses
00:36:27 --> 00:36:30: for detention and I was nearly apoplectic.
00:36:30 --> 00:36:33: I realized. However, because I listened and this was a
00:36:33 --> 00:36:35: transformational moment for me.
00:36:35 --> 00:36:40: About big ideas and integrated processes and working
together collaboratively
00:36:40 --> 00:36:42: and looking at the multiple benefits.
00:36:42 --> 00:36:46: And you see, you've heard that word several times
throughout
00:36:46 --> 00:36:51: the presentation that these large projects also mean multiple
benefits,
00:36:51 --> 00:36:55: both to the Staffs to the agencies and into the
00:36:55 --> 00:36:56: community.
00:36:56 --> 00:36:58: This was a storm management.
00:36:58 --> 00:37:02: It was a problem that came out of two years

00:37:02 --> 00:37:05: of very severe flooding and heavy damage.
00:37:05 --> 00:37:09: In communities in our largest basin it is.
00:37:09 --> 00:37:11: It's huge as you can see,
00:37:11 --> 00:37:14: it takes up a good part of the part of
00:37:14 --> 00:37:17: the city working together.
00:37:17 --> 00:37:21: We created a multi benefit project called Platte to Park
00:37:21 --> 00:37:24: Hill and it involved multiple projects and we set goals
00:37:24 --> 00:37:27: collaboratively as a team with parks.
00:37:27 --> 00:37:31: The public works with the storm management people at the
00:37:31 --> 00:37:32: at the table.
00:37:32 --> 00:37:35: If you will go to the next slide.
00:37:41 --> 00:37:45: The first thing we did was create collaborative program goals
00:37:45 --> 00:37:46: for the entire project,
00:37:46 --> 00:37:50: and this was important to me because I was one
00:37:50 --> 00:37:53: of those people who came to the table with a.
00:37:53 --> 00:37:56: You know, I've got to be there or or I'll
00:37:56 --> 00:38:00: be on the menu and instead I really have transformed
00:38:00 --> 00:38:02: my thinking into that.
00:38:02 --> 00:38:05: You know, come together more and together is better and
00:38:05 --> 00:38:07: so together we created a program,
00:38:07 --> 00:38:09: goals that we could all.
00:38:09 --> 00:38:12: Not only lived with, but enthusiastically supported,
00:38:12 --> 00:38:15: and we knew that it would bring good benefits to
00:38:15 --> 00:38:19: the projects and to our agency into the community.
00:38:19 --> 00:38:23: Next slide. So this was one of those kinds of
00:38:23 --> 00:38:28: projects where we started with the big idea within the
00:38:28 --> 00:38:33: City team and needed to go to the community because
00:38:33 --> 00:38:36: we knew we needed to hear from them.
00:38:36 --> 00:38:39: And so we put together a very elaborate and very
00:38:39 --> 00:38:45: intentional community outreach plan that involved over 250
meetings over
00:38:45 --> 00:38:47: the course of a year and a half while we
00:38:47 --> 00:38:51: were designing this project using all of the strategies that
00:38:51 --> 00:38:52: I'm.
00:38:52 --> 00:38:56: I mentioned before and with a design working group that
00:38:56 --> 00:38:59: you see on the left hand side on the bottom
00:38:59 --> 00:39:02: and on the right hand side at the bottom.
00:39:02 --> 00:39:05: This team was there through thick and thin and at
00:39:05 --> 00:39:08: the end of the day at the end of this
00:39:08 --> 00:39:12: project they they deserve as much credit for the success
00:39:12 --> 00:39:16: we had as anyone in really brought their their ideas
00:39:16 --> 00:39:18: and helped to sell the idea.

00:39:18 --> 00:39:21: This is a project that involved a lot of acquisition
00:39:21 --> 00:39:22: of properties,
00:39:22 --> 00:39:26: eminent domain. Uhm, tearing up streets and along
construction process
00:39:26 --> 00:39:29: and these folks helped us get the job done so
00:39:29 --> 00:39:32: it really became a multiple success.
00:39:32 --> 00:39:34: If you look at the next slide.
00:39:41 --> 00:39:44: Well, that was that was the.
00:39:44 --> 00:39:47: That was the one I already went over about the
00:39:47 --> 00:39:52: internal team and the and the reasons why everybody needs
00:39:52 --> 00:39:53: to be at the table.
00:39:53 --> 00:39:56: But let me dwell on this for a moment.
00:39:56 --> 00:39:59: This slide shows our bond our bond project.
00:39:59 --> 00:40:02: We did an almost a \$938 million bond.
00:40:02 --> 00:40:06: This was a project that started in the community.
00:40:06 --> 00:40:09: It was community driven and we went out into the
00:40:09 --> 00:40:10: community,
00:40:10 --> 00:40:14: got their ideas about what the improvements they needed to
00:40:14 --> 00:40:15: see in their neighborhoods.
00:40:15 --> 00:40:19: Uhm, we formed some of those formal community structures
in
00:40:19 --> 00:40:23: the form of stakeholder groups and overall community
executive team.
00:40:23 --> 00:40:26: And then we organize ourselves in the city.
00:40:26 --> 00:40:29: How? How do we get this project done?
00:40:29 --> 00:40:32: So in every agency there was a project team.
00:40:32 --> 00:40:35: We had a project management organization,
00:40:35 --> 00:40:38: so integrated approach meant that not only our agency
project
00:40:39 --> 00:40:42: managers but our consultants were integral parts of the team
00:40:42 --> 00:40:45: and when you walked into a meeting you didn't,
00:40:45 --> 00:40:48: you couldn't tell the difference between.
00:40:48 --> 00:40:53: The city staff and the program management team are our
00:40:53 --> 00:40:57: consultants who were at the table we.
00:40:57 --> 00:41:03: We also had a a project management team that looked
00:41:03 --> 00:41:06: at the entire city and this.
00:41:06 --> 00:41:10: This involved representatives from every agency.
00:41:10 --> 00:41:14: So at every step of the process there were agency
00:41:14 --> 00:41:18: representatives throughout whether it was.
00:41:18 --> 00:41:21: A parks project or a library project.
00:41:21 --> 00:41:25: We were all there and finally each executive of an
00:41:25 --> 00:41:29: apartment served on the executive management team to
make big

00:41:29 --> 00:41:33: decisions about changes in in the budget and so on.
00:41:33 --> 00:41:35: But even our role was limited.
00:41:35 --> 00:41:39: The work was done. If you look at this map
00:41:39 --> 00:41:39: here,
00:41:39 --> 00:41:43: most of the work was done in those first two
00:41:43 --> 00:41:43: steps,
00:41:43 --> 00:41:46: as it as it should be.
00:41:49 --> 00:41:54: So I'll conclude with this slide we borrowed from Cedar
00:41:54 --> 00:41:58: Rapids and a process that you can see was intentionally
00:41:58 --> 00:42:00: orchestrated in phases,
00:42:00 --> 00:42:04: different different input from people throughout the project,
00:42:04 --> 00:42:09: but I want to point out one really important one
00:42:09 --> 00:42:14: at the bottom left where it says trained city employees
00:42:14 --> 00:42:18: facilitated the conversation and none of us.
00:42:18 --> 00:42:22: Are born innately with the skills to do community
engagement.
00:42:22 --> 00:42:25: It's a learned skill and most of us are in
00:42:25 --> 00:42:26: agencies.
00:42:26 --> 00:42:29: We just want to get our projects done and in
00:42:29 --> 00:42:31: integrating community engagement.
00:42:31 --> 00:42:35: And that is a scary prospect for us sometimes.
00:42:35 --> 00:42:39: So part of that community engagement plan and being
intentional
00:42:39 --> 00:42:43: from the beginning is ensuring that we're preparing all of
00:42:43 --> 00:42:44: our employees.
00:42:44 --> 00:42:46: All of our project managers,
00:42:46 --> 00:42:48: community engagement doesn't get shifted,
00:42:48 --> 00:42:52: and. Handed off to a community engagement team to go
00:42:52 --> 00:42:56: do it because people in the community I want to
00:42:56 --> 00:43:00: hear from the experts and the people who are actually
00:43:00 --> 00:43:04: managing the projects. So it's important to help provide
guidance
00:43:04 --> 00:43:07: and training for them about what community engagement
means.
00:43:07 --> 00:43:09: And I will tell you,
00:43:09 --> 00:43:12: in both of the projects that I mentioned,
00:43:12 --> 00:43:16: our bond project and our store management project at the
00:43:16 --> 00:43:18: end of those projects,
00:43:18 --> 00:43:21: our project team were absolute community engagement
converts.
00:43:21 --> 00:43:25: They they actually relish. The community engagement and
we really
00:43:25 --> 00:43:28: have a new culture in our city as a result

00:43:28 --> 00:43:29: of that,
00:43:29 --> 00:43:33: where people look forward to hearing from the Community and
00:43:33 --> 00:43:36: the idea of if you think of that spectrum that
00:43:36 --> 00:43:37: I mentioned,
00:43:37 --> 00:43:40: we're at the end of it is empowerment that they
00:43:40 --> 00:43:43: look forward to empowering the Community.
00:43:43 --> 00:43:46: So our next big Storm management project in Denver starts
00:43:46 --> 00:43:50: with the community instead of the team deciding what the
00:43:50 --> 00:43:51: program goals will be,
00:43:51 --> 00:43:54: they've gone out to the community and said.
00:43:54 --> 00:43:58: We have flooding problems. What would you like to see
00:43:58 --> 00:44:01: and stay tuned for how that next project comes about?
00:44:01 --> 00:44:03: I'd like now to turn it over to Chris Ahearn
00:44:03 --> 00:44:07: who's going to talk a little bit more about partnerships
00:44:07 --> 00:44:08: and community resilience.
00:44:09 --> 00:44:12: Thank you very much, happy and I wanted to quickly
00:44:12 --> 00:44:15: point out and try to keep us on schedule.
00:44:15 --> 00:44:18: That are I am the Co chair of the ULI
00:44:18 --> 00:44:20: Tampa Bay resiliency.
00:44:20 --> 00:44:22: So I'm a resident of Tampa,
00:44:22 --> 00:44:25: also a member of ULI and that I recently joined
00:44:25 --> 00:44:27: the GHD in the maritime coastal practice.
00:44:27 --> 00:44:31: Focused on sea level rise response on a programmatic level
00:44:31 --> 00:44:33: in states Gulf Coast specifically.
00:44:33 --> 00:44:37: Next slide. I really what I what mine is going
00:44:37 --> 00:44:42: to be focused on is is partnerships private sector to
00:44:42 --> 00:44:45: achieve stormwater management?
00:44:45 --> 00:44:49: It's funny a lot of us were talking about stormwater
00:44:49 --> 00:44:52: management and everybody started visualizing pipes,
00:44:52 --> 00:44:54: invert controls, flow control structures,
00:44:54 --> 00:44:59: baffle boxes. But what we're talking more is about something
00:44:59 --> 00:44:59: to eat.
00:44:59 --> 00:45:03: If it's green infrastructure to promote absorption's that
00:45:03 --> 00:45:05: actually Co
00:45:05 --> 00:45:07: benefit the community,
00:45:07 --> 00:45:11: it's not strictly. Just pipes,
00:45:11 --> 00:45:18: it is actually finding ways to improve quality of life,
00:45:18 --> 00:45:23: potentially for people. Finding ways to collaborate with our
00:45:23 --> 00:45:26: community.
00:45:26 --> 00:45:29: We wanna specifically the third bullet down here we wanted.
00:45:29 --> 00:45:33: Point out that that green infrastructure can be on private
00:45:33 --> 00:45:36: property and benefit the public realm,

00:45:29 --> 00:45:32: so we believe that City Tampa has those opportunities to
00:45:33 --> 00:45:34: partner with property owners,
00:45:34 --> 00:45:36: developers and stakeholders. Property owners,
00:45:36 --> 00:45:40: obviously on their own property on their own assets.
00:45:40 --> 00:45:45: Developers in future planning that they're doing and
stakeholders in
00:45:45 --> 00:45:47: the fact that they potentially could.
00:45:47 --> 00:45:51: On city assets, they could take a partnership role where
00:45:51 --> 00:45:56: they take responsibility for those maintaining those type of
assets
00:45:56 --> 00:45:58: in the future.
00:45:58 --> 00:46:01: One specific Tampa opportunity is a very controversial
project,
00:46:01 --> 00:46:05: we know, but it is potentially linking these two existing
00:46:05 --> 00:46:10: ponds on South Manhattan to potential future development
that wanted
00:46:10 --> 00:46:12: the amenity that is waterfront.
00:46:12 --> 00:46:15: Next slide. I wanted to point out that by and
00:46:16 --> 00:46:19: start thinking about this and with the city Tampa is
00:46:20 --> 00:46:25: buyouts are actually assets that are potentially could be
leveraged
00:46:25 --> 00:46:27: to be a open space and potentially link a lot
00:46:27 --> 00:46:29: of these facilities together.
00:46:29 --> 00:46:32: So you had a house looks a lot like South
00:46:32 --> 00:46:36: Concordia Ave and now it is a vacant land view.
00:46:36 --> 00:46:39: Did a tactical investment in nature based infrastructure.
00:46:39 --> 00:46:42: You could start linking these projects together to make them
00:46:42 --> 00:46:45: public assets and open space so please.
00:46:45 --> 00:46:49: I'd like to introduce Beguin who you've heard from earlier.
00:46:49 --> 00:46:49: Perfect
00:46:49 --> 00:46:52: thank you Chris and I'm going to talk a little
00:46:52 --> 00:46:56: bit more about partnership opportunities and and public
engagement.
00:46:56 --> 00:47:00: So one of the things after talking to both some
00:47:00 --> 00:47:03: of your staff and also some of the citizens who
00:47:03 --> 00:47:06: are actively engaged in Community projects,
00:47:06 --> 00:47:09: we came up with a bunch of ideas,
00:47:09 --> 00:47:12: many of which we've already heard that will help take
00:47:12 --> 00:47:14: to scale relatively quickly.
00:47:14 --> 00:47:17: The fact that Tampa has a large number of of
00:47:17 --> 00:47:19: these small stormwater ponds.
00:47:19 --> 00:47:22: That are hopefully serving some important purpose,
00:47:22 --> 00:47:26: but could perhaps serve more overlapping purposes for the

city

00:47:26 --> 00:47:29: and one of the ideas that we had was using

00:47:29 --> 00:47:33: a tool that was developed by Tony Nelson that provides

00:47:33 --> 00:47:35: kind of an image based framework.

00:47:35 --> 00:47:38: You start with maybe a picture of what the pond

00:47:38 --> 00:47:41: or the site currently looks at,

00:47:41 --> 00:47:44: and then you strip away some undesirable elements,

00:47:44 --> 00:47:47: perhaps, and perhaps and then add in some landscaping or

00:47:47 --> 00:47:49: some of the fencing options.

00:47:49 --> 00:47:51: Or some of the, UM,

00:47:51 --> 00:47:56: amenity options? And really kind of give people that language

00:47:56 --> 00:48:00: for how they might like to see this little little

00:48:00 --> 00:48:04: spot of green turn into greater asset for the community.

00:48:04 --> 00:48:08: Do they want something like a trail there or or

00:48:08 --> 00:48:09: a community garden?

00:48:09 --> 00:48:13: And then we really are encouraged by some of the

00:48:13 --> 00:48:17: great examples of Tampa already has and is working on

00:48:18 --> 00:48:21: as they put together some of their new plans to

00:48:21 --> 00:48:25: try to look at. Not just doing a standalone project,

00:48:25 --> 00:48:29: but saying hey, how can we tie this into adjacent

00:48:29 --> 00:48:30: sites?

00:48:30 --> 00:48:33: How can we make sure that we are capitalizing not

00:48:33 --> 00:48:37: just on the stormwater needs but on the needs for

00:48:37 --> 00:48:38: recreation?

00:48:38 --> 00:48:42: My organization? Can you go back just quickly?

00:48:42 --> 00:48:45: My organization, the Trust for Public Land,

00:48:45 --> 00:48:48: has mapped the parks and 14,000 cities and towns across

00:48:48 --> 00:48:51: America and as one of America's largest cities,

00:48:51 --> 00:48:54: Tampa is ranked in parks score as well.

00:48:54 --> 00:48:57: So you can find that on our website will include

00:48:57 --> 00:48:59: it in the final report.

00:48:59 --> 00:49:02: But Tampa is ranked number 56 out of the 100

00:49:02 --> 00:49:03: largest cities,

00:49:03 --> 00:49:08: and yet there's so much opportunity for outdoor enjoyment and

00:49:08 --> 00:49:10: enjoyment of the beautiful.

00:49:10 --> 00:49:13: Environment that we do have in your great city,

00:49:13 --> 00:49:16: so looking for where those parks are needed most on

00:49:16 --> 00:49:18: the basis of objective data.

00:49:18 --> 00:49:21: One of the things that is great about Tampa is

00:49:21 --> 00:49:22: that the part needs.

00:49:22 --> 00:49:24: Don't stand out as being inequitable.

00:49:24 --> 00:49:28: They're really kind of spread across across neighborhoods that are

00:49:28 --> 00:49:31: rich and poor that are black and white and Hispanic

00:49:31 --> 00:49:34: and other and so that's actually speaks well the city.

00:49:34 --> 00:49:38: But there's a lot of opportunity for improvement and moving forward.

00:49:38 --> 00:49:38: forward.

00:49:38 --> 00:49:40: I'll just mention quickly those.

00:49:40 --> 00:49:41: Two photos at the top.

00:49:41 --> 00:49:44: I actually took this morning one as a little tiny

00:49:44 --> 00:49:46: pocket park that is being used as a food truck

00:49:46 --> 00:49:49: facility and it does have stormwater management in it.

00:49:49 --> 00:49:52: I didn't take a picture of the storm water management,

00:49:52 --> 00:49:55: but it does have permanent facilities for food trucks and

00:49:55 --> 00:49:55: it has,

00:49:55 --> 00:49:58: you know, games that people can play and shade structures

00:49:58 --> 00:50:00: and hammocks and all kinds of things.

00:50:00 --> 00:50:02: The other is Cora Robison Park,

00:50:02 --> 00:50:04: which used to be. It was actually,

00:50:04 --> 00:50:06: I think it was famous for having a murder in

00:50:06 --> 00:50:07: it.

00:50:07 --> 00:50:09: It used to be Tumbling Creek Park and it's turned

00:50:09 --> 00:50:11: into a beautiful storm water basin.

00:50:11 --> 00:50:13: There's some. Babble boxes, Sir.

00:50:13 --> 00:50:15: There's a trail. There's a water feature,

00:50:15 --> 00:50:17: and on one side of the park this morning there

00:50:17 --> 00:50:20: were private sector employees doing maintenance.

00:50:20 --> 00:50:22: And on the other side there were city employees doing

00:50:22 --> 00:50:23: maintenance.

00:50:23 --> 00:50:29: So go ahead. Next slide.

00:50:29 --> 00:50:32: These were the 10 minute walk side we're gonna skip

00:50:32 --> 00:50:33: right past those.

00:50:33 --> 00:50:36: So I'm going to close out by talking a little

00:50:36 --> 00:50:40: bit about capital funding and looking for those multiple

00:50:40 --> 00:50:42: benefits

00:50:40 --> 00:50:42: and funding office options.

00:50:42 --> 00:50:45: So my work at the trust for public land is

00:50:45 --> 00:50:49: really focused on helping City and county governments

00:50:49 --> 00:50:51: develop funding

00:50:49 --> 00:50:51: sources for their parks,

00:50:51 --> 00:50:53: trails, natural lands and other priorities.

00:50:53 --> 00:50:57: Sometimes we actually work on measures that you know

00:50:53 --> 00:50:57: might

00:50:57 --> 00:50:59: be a series of different bond questions.

00:50:59 --> 00:51:02: In fact, happy. One of I was on a panel
00:51:02 --> 00:51:04: once with then Mayor Hickenlooper,
00:51:04 --> 00:51:08: now US Senator in which he described doing 9 separate
00:51:08 --> 00:51:10: bond measures on a single ballot.
00:51:10 --> 00:51:13: I imagine you were involved in that and all nine
00:51:13 --> 00:51:16: passing and he talked about bringing some of the worst
00:51:16 --> 00:51:20: critics of of city management into the process so that
00:51:20 --> 00:51:23: they could see the nest necessity of doing that.
00:51:23 --> 00:51:26: And you know, oftentimes this comes after the kind of
00:51:26 --> 00:51:29: process that you're undergoing now with a ekom where
you've
00:51:29 --> 00:51:30: put together.
00:51:30 --> 00:51:33: Coherent Parks master plan and then the big need is
00:51:33 --> 00:51:35: for how to fund it and so we go through
00:51:35 --> 00:51:37: a pretty stepwise process.
00:51:37 --> 00:51:39: The photo at the top is actually built at a
00:51:39 --> 00:51:40: school site,
00:51:40 --> 00:51:43: but it was funded by a Latua counties wild spaces
00:51:43 --> 00:51:46: public places program so that it serves school kids during
00:51:46 --> 00:51:48: the day and then is open to the public in
00:51:48 --> 00:51:51: the evening, as as a park.
00:51:51 --> 00:51:54: That bottom picture is the private sector along Core Robison
00:51:54 --> 00:51:54: Park,
00:51:54 --> 00:51:58: and that's really driven redevelopment in the area because
among
00:51:58 --> 00:51:58: other things,
00:51:58 --> 00:52:00: a stormwater is being managed offsite,
00:52:00 --> 00:52:03: and so it provides you know a better opportunity for
00:52:04 --> 00:52:06: better using a site for redevelopment.
00:52:06 --> 00:52:09: The last thing I want to just mention is that
00:52:09 --> 00:52:10: there is an option.
00:52:10 --> 00:52:13: I don't see it used all that often.
00:52:13 --> 00:52:16: Usually we either are working on bonds or sales taxes,
00:52:16 --> 00:52:19: but there is a mechanism in Florida statute which is
00:52:19 --> 00:52:21: relatively unknown.
00:52:21 --> 00:52:25: That you can do a capital project bond voter authorized
00:52:25 --> 00:52:30: that also allows some additional mileage for operation and
maintenance
00:52:30 --> 00:52:34: and just in the 23 ballot measures I've worked on
00:52:34 --> 00:52:37: in Florida since 2590% of them have passed,
00:52:37 --> 00:52:42: including many municipal measures for entire City Park
master plans
00:52:42 --> 00:52:43: and Doral,

00:52:43 --> 00:52:47: we did a measure in 2018 that was for \$150
00:52:47 --> 00:52:49: million at passed pretty well.
00:52:49 --> 00:52:52: So I think that. Closes out my slides,
00:52:52 --> 00:52:56: but we're really excited about the opportunities that you're
that
00:52:56 --> 00:52:57: you're tackling here,
00:52:57 --> 00:52:59: and I think it's time to turn it back to
00:52:59 --> 00:53:01: Taylor to close.
00:53:01 --> 00:53:02: Close this out.
00:53:02 --> 00:53:05: Thanks again and thanks everyone and we are well.
00:53:05 --> 00:53:08: We have a few more minutes and I want to
00:53:09 --> 00:53:12: just kind of share some closing thoughts.
00:53:12 --> 00:53:15: We think that there is a good opportunity to create
00:53:15 --> 00:53:19: a big vision for how these stormwater facilities and other
00:53:19 --> 00:53:21: green spaces that the city owns.
00:53:21 --> 00:53:25: How can they serve multiple benefits solutions and we want
00:53:25 --> 00:53:28: to utilize data and metrics and try to find ways
00:53:28 --> 00:53:32: to look more holistically at these spaces to create the
00:53:32 --> 00:53:37: economic, social, environmental. Benefits that we want for
our community.
00:53:37 --> 00:53:38: It's not just Gray infrastructure,
00:53:38 --> 00:53:40: it can be green infrastructure.
00:53:40 --> 00:53:43: So again, we want to design for those multi benefit
00:53:43 --> 00:53:46: solutions and try to pursue partnerships.
00:53:46 --> 00:53:50: Get the different departments working together so that the
Storm
00:53:50 --> 00:53:53: Water Department and the landscape and the parks team
and
00:53:53 --> 00:53:57: other public works divisions transportation can all get a seat
00:53:57 --> 00:54:00: at the table to help design these solutions that serve
00:54:00 --> 00:54:01: multiple benefits.
00:54:01 --> 00:54:03: And I think you'll find from there.
00:54:03 --> 00:54:07: You know creating these interdisciplinary teams of planning
engineering,
00:54:07 --> 00:54:09: everybody, you gotta break down the silos,
00:54:09 --> 00:54:13: but you also get a lot of benefit from that.
00:54:13 --> 00:54:17: And maybe there's some funding across these organizations
across these
00:54:17 --> 00:54:18: disciplines to make things better,
00:54:18 --> 00:54:22: provide more funding to to the better ideas and happy
00:54:22 --> 00:54:25: spoke so well about the importance of community
engagement and
00:54:25 --> 00:54:29: getting the Community involved to build and institutionalized
a plan

00:54:29 --> 00:54:33: that fosters the ownership of these spaces that can lead
00:54:33 --> 00:54:34: to effective.
00:54:34 --> 00:54:37: Implementation, but also to help maintain these facilities and
and
00:54:37 --> 00:54:41: utilize these facilities and help these facilities turn into
something
00:54:41 --> 00:54:43: so much more than just a place to store storm
00:54:43 --> 00:54:45: water. And of course, like I said,
00:54:45 --> 00:54:48: you know, integrate resiliency. We want it.
00:54:48 --> 00:54:50: We want to respond to climate change.
00:54:50 --> 00:54:52: We have to understand what our issues are.
00:54:52 --> 00:54:54: What are the shocks and stressors?
00:54:54 --> 00:54:57: Water the infrastructure needs. But we also don't want to
00:54:57 --> 00:55:00: just treat it as something that we have to combat.
00:55:00 --> 00:55:03: We want to try to find a way to create
00:55:03 --> 00:55:04: a system.
00:55:04 --> 00:55:07: To create a network to create places that serve the
00:55:07 --> 00:55:10: community when they aren't necessarily fighting,
00:55:10 --> 00:55:12: flooding or or storm events.
00:55:12 --> 00:55:15: And that's a lot of the time here in Tampa,
00:55:15 --> 00:55:18: obviously. So we really appreciate your time.
00:55:18 --> 00:55:20: I want to be clear too.
00:55:20 --> 00:55:23: This is a presentation put together after 2-3 afternoons this
00:55:23 --> 00:55:27: week with the team from all around the country literally
00:55:27 --> 00:55:30: different time zones and we are going to craft and
00:55:30 --> 00:55:34: develop a final report that will be sharing with you
00:55:34 --> 00:55:35: and from there.
00:55:35 --> 00:55:36: We look forward to your feedback,
00:55:36 --> 00:55:38: were able to collaborate more,
00:55:38 --> 00:55:40: and discuss more. If you have a need or an
00:55:40 --> 00:55:43: interest in doing that with smaller teams and wit,
00:55:43 --> 00:55:46: we really appreciate you putting your trust in us and
00:55:46 --> 00:55:48: bringing us to the table on this effort.
00:55:48 --> 00:55:50: It's been a real joy to work with you and
00:55:50 --> 00:55:51: everybody at the city,
00:55:51 --> 00:55:54: and I think I speak on behalf of all the
00:55:54 --> 00:55:54: panelists.
00:55:54 --> 00:55:57: We hope that this gives you some good ideas to
00:55:57 --> 00:55:59: take the ball and run with it,
00:55:59 --> 00:56:02: and we want to love to see some more implementation
00:56:02 --> 00:56:05: of green infrastructure in the city of Tampa.
00:56:05 --> 00:56:12: Any questions? What are good?

00:56:12 --> 00:56:12: No thanks
00:56:12 --> 00:56:14: so much Taylor and team.
00:56:14 --> 00:56:17: I know you guys have you set out a lot
00:56:17 --> 00:56:20: of time this week and I just want to reiterate
00:56:20 --> 00:56:22: to the City of Tampa team,
00:56:22 --> 00:56:26: you know, we've got incredible staff here from the landscape
00:56:26 --> 00:56:29: architects all the way up to our directors and administrators
00:56:29 --> 00:56:32: and the hope here is that we continue to collaborate,
00:56:32 --> 00:56:36: moving forward and that we find the highest and best
00:56:36 --> 00:56:39: use of our land and assets as we continue to
00:56:39 --> 00:56:41: become a denser city.
00:56:41 --> 00:56:44: We're going to need to value and cherish our green
00:56:44 --> 00:56:45: space even more so.
00:56:45 --> 00:56:47: Thank you for your time and,
00:56:47 --> 00:56:50: uh, Taylors, I I would encourage everyone to take Taylor
00:56:50 --> 00:56:53: up on his offer to further collaborate as they're putting
00:56:53 --> 00:56:55: together the final report.
00:56:55 --> 00:56:57: If you think that we came up short on honoring
00:56:57 --> 00:56:59: work that's already been completed,
00:56:59 --> 00:57:01: or you've got ideas moving forward,
00:57:01 --> 00:57:05: one of the I mean this was somewhat.
00:57:05 --> 00:57:08: Coincidental, I know City Council recently made a motion to
00:57:09 --> 00:57:11: think about using storm water pods differently.
00:57:11 --> 00:57:14: You know that that that that that so,
00:57:14 --> 00:57:17: so hopefully we can use this report and and and
00:57:17 --> 00:57:20: and the staff reports and will come back to Council
00:57:20 --> 00:57:21: with on that.
00:57:21 --> 00:57:24: And we're also going to be issuing a \$50 million
00:57:24 --> 00:57:25: green bond.
00:57:25 --> 00:57:28: And we're going to need to justify and show investors
00:57:28 --> 00:57:31: that were thinking about our infrastructure and creative and
sustainable
00:57:31 --> 00:57:32: ways.
00:57:32 --> 00:57:36: And this will also be really helpful for that effort
00:57:36 --> 00:57:36: so.
00:57:36 --> 00:57:39: I'll again open it up to any other questions or
00:57:39 --> 00:57:42: feedback or comments from from the panelists or from City
00:57:42 --> 00:57:43: Tampa staff.
00:57:47 --> 00:57:48: Hey wait, this
00:57:48 --> 00:57:52: is Vic uh, I just wanted to make a comment.
00:57:52 --> 00:57:56: Thank you so much for partnering with you Ally in
00:57:56 --> 00:57:56: bringing

00:57:56 --> 00:57:58: national experts to
00:57:58 --> 00:58:00: really illuminate a process that we
00:58:00 --> 00:58:02: could really utilize. I mean,
00:58:02 --> 00:58:06: these are things that we haven't done like it was
00:58:06 --> 00:58:08: mentioned in the past and
00:58:08 --> 00:58:09: we look forward
00:58:09 --> 00:58:13: to these cross silo partnerships if you will because that's
00:58:14 --> 00:58:16: really where the value is at.
00:58:16 --> 00:58:19: I mean, for decades we've worked in specialization.
00:58:19 --> 00:58:21: And the value is
00:58:21 --> 00:58:25: kind of working across all of these specialty areas.
00:58:25 --> 00:58:25: So again, thank
00:58:25 --> 00:58:27: you. Thank you Beck.
00:58:31 --> 00:58:33: Alright, well I see it's 5:00 o'clock.
00:58:33 --> 00:58:35: That brings us to the end of our hour.
00:58:35 --> 00:58:38: If you've got a specific questions or comments,
00:58:38 --> 00:58:40: feel free to reach out to me or Taylor directly
00:58:40 --> 00:58:43: and thank you all very much for your time and
00:58:43 --> 00:58:45: we look forward to seeing some great projects on the
00:58:45 --> 00:58:47: ground here in the next couple years.

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