

## Resilience Project Design Committee Meeting

December 13, 2016

1:30 P.M.

8 Floor Conference Room, City Hall

1300 Perdido St., New Orleans, LA

### Minutes

- I. Roll Call
  - Cedric Grant, Executive Director, Sewerage and Water Board (present)
  - David Lessinger for Jeff Hebert, Chief Administrative/Resilience Officer, City of New Orleans (absent)
  - Vicki Rivers, Sewerage and Water Board (absent)
  - Tyler Antrup on behalf of Robert Rivers, City Planning Commission (PRESENT)
  - Daniel McElmurray – Parks and Parkways (PRESENT)
  - Bruce Adams, Sewerage and Water Board (PRESENT)
  - Miriam Lemam for Vince Smith – Capital Projects (PRESENT)
  - Bill Gilchrist – Director of Placed Based Planning (Chairman) (PRESENT)
  
- II. Approval of Agenda
  - Motion by Chairman Gilchrist to Approve the Agenda
  - 2<sup>nd</sup> by Bruce Adams
  - The motion carries unanimously
  
- III. Approval of October 28, 2016 Meeting Minutes
  - Motion by Bill Gilchrist to Approve the Minutes of the September 1, 2016 Meeting
    - 2<sup>nd</sup> by Antrup
    - The motion carries unanimously

### Order of the Day

- I. Mirabeau Water Garden
  - SW&B Green Infrastructure Program
  - a. Jennifer Larmeu
    - i. A few things I would like to mention are that the 60% was done on a very compressed schedule to meet the request by FEMA to reach an end of October deadline there was an O&M design submitted with the project; there is still discussion on who will take over the maintenance we have reached out to sewerage and water board to make sure our network and tie ins make sense we held a community meeting at the end of November and it was well received, I would like to request additional presentation time for the presentation, I am requesting about 15 minutes for the presentation

- b. Colleen McHugh – “this is really one of the showcase projects in the resilience portfolio an opportunity to show benefits from a resilience standpoint; wagoner and ball presentation is mainly on the HMGP water management side; the NDRC HUD money will fund a lot of the still to be designed program elements – wagoner and ball have been creative in how to do the water management elements in a way that will compromise the resilience programmatic aspects”
- c. Adams – we reviewed this at 30% and we were generally favorable

Waggoner and Ball – PowerPoint presentation is made;

HMGP Discussion:

the HMGP grant is just for the water machine aspects of the project, the impact is large, the large area will have an impact on the drainage basin, the FEMA report had a tremendous amount of archaeological information – we did some ground water wells and got a very good cross section so we have a good idea of what the groundwater does at the location – we discovered we can take by gravity by Owens – we have swales with focused areas

Storage has increased in this present 60% design than it was at the previous 30% reviewed by the committee; the grey areas shown on the site plan will definitely be paid by FEMA the decision still has to be made on the green areas

HMGP budget is 12.5 million

Operations and maintenance manual for the project has been distributed to design committee members

NDRC Discussion:

Discussion of the different paths and boardwalks for public access and services a summary of the program elements was given; comments and concerns were expressed;

Next steps

FEMA is doing a benefit cost analysis, then there will be FEMA & City Approval, a geotechnical analysis and report information from the six new wells will need to be considered, del tares is doing the soils and groundwater analysis in a 3d model; the ndr-funded development is something we would like to incorporate as soon as possible

January 2017 we should be at 90%; design should be complete by summer of 2017

Questions:

McElmurray – there is a loop near the building, you may want to consider other ways to explain how far the loop goes

Waggoner and Ball –

Miriam Leman – you are showing a lot of wood etc in the pumping building and its not very likely that will last 10 years

Waggonner and Ball – we need to look into other materials; this is more or less a placeholder; we are willing to find something more suitable

Adams – what equipment would be left out there – will it be secure

Waggoner and Ball – yes it will be secured and locked, safe from theft

Antrup – on your next presentation please let us know more about your infiltration rates etc''

Adams – you should explore what can be done in the hydraulic design to maximize flexibility

Gilchrist – your schedule, I heard you say this is in keeping with the application

Waggonner and Ball – yes this is in line with the ndrc application schedule

McElmurray motion to move this project to 90%

Motion 2<sup>nd</sup> by Adams

Motion carries unanimously

## II. Hagan Lafitte Bayou St. John

Jennifer Larmeu – this project was completed at a 60 percent schedule; we had a community meeting before thanksgiving; we received some comments back from parks and parkways; we are as a city trying to figure out the best way to figure out which entity will do the maintenance on the individual components

Dan grandell with StanTec –

Grandell – we had a meeting with sewerage and water board – we adjusted the design to make sure that the project met sewerage and water boards concerns

We are utilizing green infrastructure to slow, retain, and absorb storm water  
Extent of benefit from this project is felt throughout the entire area

In the 90% plan we will give more information on what trees we may add

The hydraulic results is we are getting 1.5 mg

Design schedule is thru may 2017; construction October 2017, estimated construction total 9 months includes 3 months at park

## QUESTIONS

Tyler – will this be coordinated with the road program; there is a lot of aggregate

McElmurray – your actually more successful using a transition layer gravel rather than what you have here – we need to look at the type of gravel that we are using – we need to look at how we are maintaining this stuff alongside the sidewalk – right now it's the duty of the homeowners but its not

likely they will maintain it in such a way that there will not be issues with clogging – we need to address this so the project will work

Miriam – you need to make provisions on high to keep the infrastructure in the group; we need to see at the 90% level how exactly you will address this

Tyler motion to move the project to 90%

Motion 2<sup>nd</sup> by Leman

Project moves forward without opposition

### III. Oak Park HMGP – Project Scope

Colleen McHugh – this is the first project to be introduced at this project scoping phase

Mchugh – the project site is in oak park – the project is located near lake area high school – its in a low lying and flood prone neighborhood – there has been a boom in development near the area

Jennifer Lermeau – we are coordinating this with the roads program

McHugh (make sure I heard this correctly) – ideally if we need to make a change in the rfp we can

Gilchrist – im thinking it may be worthwhile establishing what level of participation we need to have a quorum – the law department may be willing to let us have

### IV. Adjournment

a. Motion by Chairman Gilchrist to Adjourn

b. 2<sup>nd</sup> by

c. Motion Carries Unanimously

d. Meeting adjourns