

Blueprint Intergovernmental Agency Technical Coordinating Committee Meeting Minutes

Date: November 13, 2017
To: Technical Coordinating Committee
From: Benjamin H. Pingree, PLACE Director
Subject: Summary Minutes for October 17, 2017 Special TCC Meeting

Committee Members present:

Wayne Tedder	<i>Alisha Wetherell*</i>
Jodie Cahoon	<i>Anna Padilla**</i>
Cherie Bryant	

**Indicates substitute attendee.*

Committee Members absent:

Ken Morris	Tony Park
John Kraynak	Steve Shafer*
Rodney Cassidy	Theresa Heiker**
Greg Slay	

Guests/Presenters/Staff present:

Charles Hargraves	Jason Icerman
Roger Cain	Kelsey Lewis
Gary Phillips	Emily Czelusniak

I. AGENDA MODIFICATIONS

There were no agenda modifications.

II. INFORMATIONAL ITEMS/PRESENTATIONS

There were no informational items.

III. CONSENT

There were no consent items

IV. GENERAL BUSINESS

Blueprint and Kimley Horn staff gave a brief presentation on the Capital Cascades Trail Segment 3D-B Regional Stormwater Facility which included the following:

- Kimley Horn clarified objectives and provided hydraulic analysis so that a decision could be made between the two alternatives.

- Kimley Horn would schedule a meeting with the CDD team to discuss ditch width, outfall and ensure that CDD HGL did not adversely impact the SAB. The ideal solution would be a box invert at the bottom of the ditch.
- Blueprint would move forward with the design of both options under the sewer as bid alternates for Sewer Plans
- Blueprint and Kimley Horn would coordinate with Growth Management on any outstanding issues or concerns and bring their staff into the discussion.
- Kimley Horn would provide information related to the redevelopment area (86-acres) and flood compensation volume in the pond.
- Kimley Horn would address the seven foot pond fluctuations and impacts to aquatics and the littoral shelf. Jodie Cahoon stated that the standard was one and one half foot for treatment volume.
- The proposed knee and diversion walls were not deemed acceptable by City Stormwater. The evaluation of other options to divert water, such as a sump diversion, would be necessary.
- Kimley Horn was to provide actual attenuation drawdown time from the model.
- Kimley Horn would review the submerging inflow in the pond. Jodie Cahoon stated that submerging the inflow did not impact tailwater.
- Anticipated Sewer Schedule:
 - Bid in November to December 2017
 - Contractor selection in January to February 2018
 - Notice to Proceed issued March/April of 2018
- Wayne Tedder requested that the additional analysis and information be sent out before next TCC meeting on November 13, 2017.
- It was recommend to move the outfall to the southwest corner of the pond, furthest away from inflow.
- Kimley Horn would verify orifice size, which would be the same for both options but at different stages. They did not have confidence that the structures were comparable.
- City Underground Utilities and Public Infrastructure (UUPI) supported the In-line Option.
- County Stormwater supported the Bypass Option as long as a commitment for treatment in Segment 4 remained. They also supported the inline option with the same commitment.

Jodie Cahoon stated that additional information was needed on redevelopment activities prior to him making a recommendation. It also needed to show how much redevelopment potential existed for each of the alternatives. His concern was that the water quality calculations were based on a built-out redevelopment area where as the stormwater model was based on a current condition.

Regarding Floodplain Compensation, Mr. Cahoon requested greater clarification overall and specifically on the evaluation between the alternatives. Furthermore, he felt that the inflow and outflow of the bypass option was “short circuited” and that the outflow should be placed diagonally from the inflow.

Regarding Attenuation, Mr. Cahoon was concerned that aquatic plantings in each of the alternatives would not survive if the water receded through the small orifice more slowly.

Regarding the Bypass Alternative Specifics, Mr. Cahoon stated that City Stormwater would not allow "chimney" structures. They prefer to submerge the inflow because of concerns about maintenance of the structure and debris being caught at the top.

Regarding Water Quality, Mr. Cahoon requested that Kimley Horn define the flow splits (80/20 vs. 93/7) for a more accurate representation of the function of the bypass system.

Regarding In-line Alternative Specifics, City Stormwater would not allow a knee wall structure to divert water to the pond. Ms. Lewis mentioned that Blueprint and Kimley Horn anticipated using a diversion, similar to the box at the Tallahassee Junction Pond inflow. Mr. Cahoon requested to see this modeled. Additionally, he would like to submerge the inflow or turn down the box before it entered the pond. Mr. Hargraves expressed concern with graffiti on large outfall structure.

Regarding the Gabion basket project, Ms. Lewis confirmed that it was not included in the model. Mr. Cahoon requested that Kimley-Horn identify which invert was needed based on the box culvert design. Additionally, City Stormwater would need the width of the Central Drainage Ditch (CDD) at the location where the box culvert connected to the system. Mr. Hargraves requested that Kimley-Horn schedule a follow up meeting with City Stormwater and Singhofen to discuss in greater detail.

Regarding Treatment Efficiencies, Mr. Hargraves stated that Blueprint would be evaluating floating landscape islands, gabion basket walls, etc. with each alternative.

Mr. Cahoon stated that he would like Blueprint staff to develop a Master Plan for Capital Cascades Trail Segment 4. Wayne Tedder stated that it needed to be aesthetically pleasing and in line with the Blueprint philosophy. For example, either alternative could be designed with an overlook over the inflow, trash rack that was disguised closer to the trailhead, etc.

Alisha Wetherell and Steve Shafer were both on-board with the in-line alternative and curious if the design could be modified so that the hydrologic grade line at FAMU Way Phase 2 low point was reduced.

Regarding Debris Collection, Mr. Cahoon felt that trash could be captured further upstream. Furthermore, he felt that the sediment component of the Suntime system was wasteful because a properly functioning pond should only need to be cleared of sediment every couple of decades. Ms. Wetherell stated that if sediment was not a concern, Suntime also offered a skimmer system that could capture floatables that would be less expensive than the system designed to capture both. Mr. Cahoon noted that the Flexrake system could not be used downstream in the CDD without taking flows offline.

It was noted that Blueprint staff would connect with Steve Palmer before his departure from the City to discuss the approach for permitting the Regional Stormwater Facility in Segment 3D as well as obtain a letter from the City supporting that decision.

V. CITIZENS TO BE HEARD ON NON-AGENDAED ITEMS

There were no speakers to be heard.

VI. ITEMS FROM MEMBERS OF THE COMMITTEE

There were no speakers to be heard.

VII. ADJOURN

Meeting adjourned by consensus at 4:00 pm.

