

**From:** Susan Knopf

**Sent:** Thursday, August 16, 2012 4:07 PM

**To:** Scott Sowers; Clint Iannotti (ciannotti@cphengineers.com); Jason Kellogg (jkellogg@cphengineers.com)

**Cc:** Carl Cote; Joseph McGowen; Charlie Mini; Jim Landon; Dianne Torino; Brian Rothwell; Juan Bostwick

**Subject:** RE: Belle Terre Multi-use Path Ph3

Scott,

During my site visit yesterday and in response to your statement below that Cline has been busy repairing the washouts and the silt fences, the following areas were noted that have not had the silt fence repaired as you claim and still require immediate attention:

1. Sta. 13+70 has an existing power pole shown below that now has erosion at the base of the pole. There is still no silt fence repair at this location since my email to you on 8-2-12.



2. There is still no silt fence repair sta 13+85 to 20+35 below since noted to you in my 8-2-12 email (Item #4).



3. Sta 22+40 below has an existing headwall and flume that you were notified about in my emails on both 8-2-12 (Item #3) and on 8-9-12 (Item #3). The erosion is now approximately 3' deep beside the power pole because no silt fence or sod was placed to prevent the erosion. This area requires immediate repair including compaction of the embankment, and excavation of the silt in the swale. The silt has filled the swale to within a few inches of the top of the flume preventing the storm water from flowing properly. I am standing in the 3' hole beside your sidewalk in the second picture to show you the depth. The third and fourth pictures were taken this morning showing the erosion is now over 3 1/2' deep and 6' wide. The silt has carried down the swale and is built up not only at the Belle Terre end, but also against the flume at the Kalamazoo Trail end as well. All of this silt in this swale will need to be excavated by Cline. As you can see the power pole appears to be starting to lean into the hole since yesterday's photo.





4. Sta 23+00 has standing water on sidewalk as shown by yesterday's photo below:



5. Sta 22+00 Standing water on sidewalk taken this morning shown below:



6. Sta 27+70 to 28+50 Below- Residential yard flooded and water held back from swale by elevation of sidewalk. EOR needs to check elevations at this location and provide revision to correct drainage problem.
7. Sta 32+25 Density Test Failed (see attached). Pictures taken yesterday at this location. Make corrections and notify Bechtol when area is ready for a density retest.



8. Sta 67+00 to 70+50 – This is a repeat urgent request for Cline to take immediate corrective measures to remedy the washout situation at the Benton Harbor bridge. Review my emails 8-2-12 (Item #1) and 8-9-12 (Item #2). Photos taken yesterday below show the seriousness of the erosion immediately adjacent to the roadway shoulder where the dropoff/washout is now almost 3-4' deep and beginning to undermine guardrail.



9. Sta 70+50 to 71+50 Your response is below to my email of 8-9-12, and again this area is shown as of yesterday. And again Cline did not install silt fence as required so there is further washout of this area since they built it back up without compaction on Tuesday 8-14-12. These photos clearly show no silt fence has been installed. Furthermore this area is listed as a wetland. Per our Senior Environmental Planner, Denise Bevan, "all sediment in wetlands shall be removed by hand methods and tools to pre-impact condition/natural state. No machinery can be used." This area failed an inspection for silt fence on 7-10-12 and has not had the silt fence replaced/corrected since then.







10. Sta 139+00 to 140+00 – Flooding across sidewalk into residential lots. EOR needs to check elevations at this location and provide revision to correct drainage problem:



11. Sta 187+00 to 189+00 – Flooding again at this resident's location shown below. The water is standing on the sidewalk and across this resident's back yard. This is the same area reviewed during the site inspection on June 20, 2012 where the EOR was to review and provide design for correction. EOR needs to check elevations at this location and provide revision to correct drainage problem.



12. Both sets of hay bales have been compromised for several weeks north and south of the Pine Grove Waterway.



13. Sta 347+75 - Cline removed a spillway located on the east side of Belle Terre Parkway that extended from the shoulder of Belle Terre Parkway to Pine Grove Waterway. Cline removed this existing flume without the City's knowledge or authorization and subsequently installed an asphalt curb and flume in its place. No inspections were called to inspect their work. No RFI were sent to the City. No plan details were prepared for this installation. Hap Cameron, with Cline, stated that the existing flume elevation was too high. Per the City's Engineering Department, asphalt spillways are not acceptable. Spillway needed to be concrete.





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**From:** Scott Sowers [mailto:ssowers@clineconstruction.net]  
**Sent:** Wednesday, August 15, 2012 12:44 PM  
**To:** Susan Knopf; 'Clint Iannotti'; 'Jason Kellogg'  
**Cc:** Carl Cote; jjones@clineconstruction.net  
**Subject:** RE: Belle Terre Multi-use Path Ph3

Susan,

Aside from your request from Clint we will contact you prior to placing concrete. We will be focusing on finishing up the section from Ponce Deleon to Pine Grove. As you know we have been getting rain

almost every day. Each time it rains we have to repair the washouts. We know these are temporary measures and as such you may not see a plate compactor on site. We are focusing on repairing the washouts just prior to Greco's Concrete pouring. You will see the compactor prior to any pouring that has had the finger washouts under the form boards.

*Scott Sowers*

[ssowers@clineconstruction.net](mailto:ssowers@clineconstruction.net)

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**From:** Susan Knopf [mailto:sknopf@palmcoastgov.com]

**Sent:** Wednesday, August 15, 2012 10:31 AM

**To:** Clint Iannotti (ciannotti@cphengineers.com); Jason Kellogg (jkellogg@cphengineers.com)

**Cc:** Carl Cote; Scott Sowers (ssowers@clineconstruction.net)

**Subject:** FW: Belle Terre Multi-use Path Ph3

Clint,

We are still awaiting a response to the email below sent to you last Friday.

I watched yesterday as the area east of the Benton Village Bridge (first set of pictures shown below) was backfilled and smoothed over with a mini-loader and men with shovels. No compactor of any kind was on site.

Sincerely,

Susan Knopf

Project Coordinator

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**From:** Susan Knopf

**Sent:** Friday, August 10, 2012 1:26 PM

**To:** Clint Iannotti ([ciannotti@cphengineers.com](mailto:ciannotti@cphengineers.com))

**Cc:** Carl Cote; Scott Sowers ([ssowers@clineconstruction.net](mailto:ssowers@clineconstruction.net))

**Subject:** Belle Terre Multi-use Path Ph3

Clint,

Attached below are photos of the typical washouts that have been occurring along this Belle Terre project. The plan details on Sheet G-4 shows a 6" compact subgrade to 95% extending 1' beyond both sides of the width of the concrete pathway. This is the detail that was approved by FDOT. CPH as the EOR needs to provide direction as how to correct erosion areas and obtain compaction as well as testing requirements to comply with FDOT specifications.

These photos were taken Wednesday afternoon, 8-8-12, prior to the rain event.



Cline's response to our request for them to remove the form boards, backfill to elevation, re-compact, and re-test for density, is listed below.

Item #6 Areas eroded around form boards will be filled and compacted. The form board removal is not required. Densities have passed in this area. If the City wants to verify the density of a 2" deep wash out then that is up to you.

A second issue has been the washout and undermining beneath the edges of the pathway after the pathway has been poured. Pictures below were taken of two different sections a month apart.



Cline's repair to date has been to backfill with loose soil and shove it in with their shovels and feet as observed on two occasions so far. The City has concerns that this does not meet specification and density requirements. Please advise the proper procedure for repair to achieve compaction density requirements in the case of undermining of the edges of the pathway. Click on the following link to show their repair technique from this morning; <https://www.yousendit.com/download/TEhYS3hVNXZ6RS92WnNUQw>



Sincerely,

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PLEASE NOTE: Florida has a very broad public records law. Most written communications to or from City of Palm Coast officials and employees regarding public business are public records available to the public and media upon request. Your e-mail communications may be subject to public disclosure.