

Collett, Brandon

From: Thompson, Jeffrey
Sent: Monday, September 19, 2016 2:57 PM
To: Smithhisler, Gus
Cc: Donahue, Joseph; Collett, Brandon; Helmick, William
Subject: RE: SR 126 at Shawnee Run Rd.
Attachments: CLE_126_25_58_BE001.dxf; CLE_126_25_58_BE001.pdf; coords.txt

Gus,

I have attached the survey information. If you have any questions please let us know.

Thanks,

Jeff Thompson P.S.
Survey Manager
Ohio Dept. of Transportation
505 South SR 741
Lebanon, OH. 45036
513-933-6627

From: Smithhisler, Gus
Sent: Friday, September 16, 2016 10:46 AM
To: Helmick, William <William.Helmick@dot.ohio.gov>
Cc: Thompson, Jeffrey <Jeff.Thompson@dot.ohio.gov>; Donahue, Joseph <Joseph.Donahue@dot.ohio.gov>; Collett, Brandon <Brandon.Collett@dot.ohio.gov>
Subject: RE: SR 126 at Shawnee Run Rd.

I decided to look it up...32.25' from original centerline east and 40'+/- west. We may need to work within the ODOT ROW for a portion of the project as it appears the wingwalls spill over off our ROW. See attached. We will work on a right of entry agreement with you...who is our primary contact for that? Or is that still with Milford since it is in the city limits?

-Gus

From: Helmick, William
Sent: Friday, September 16, 2016 10:29 AM
To: Smithhisler, Gus
Cc: Thompson, Jeffrey; Donahue, Joseph
Subject: RE: SR 126 at Shawnee Run Rd.

Gus

Do you have information on the width of the right of way of the bike trail? The information I have does not show any right of way information. I will be leaving for the day at 10:30am.

Thanks

Bill Helmick
Surveyor
ODOT D-8

From: Smithhisler, Gus
Sent: Friday, September 16, 2016 9:40 AM
To: Collett, Brandon <Brandon.Collett@dot.ohio.gov>; Raters, Douglas <Doug.Raters@dot.ohio.gov>; Thompson, Jeffrey <Jeff.Thompson@dot.ohio.gov>; Helmick, William <William.Helmick@dot.ohio.gov>; Donahue, Joseph <Joseph.Donahue@dot.ohio.gov>
Cc: Keller, Timothy <Tim.Keller@dot.ohio.gov>; Spinosa, Stefan <Stefan.Spinosa@dot.ohio.gov>; Brokaw, Michael <Michael.Brokaw@dot.ohio.gov>; Cunningham, Brian <Brian.Cunningham@dot.ohio.gov>
Subject: RE: SR 126 at Shawnee Run Rd.

Our servers do not allow us to use FTP, so please attempt to email the file directly to me if you can, thank you!

-Paul 'Gus' Smithhisler, P.E.

*ODNR – Road & Bridge Program Manager
Division of Engineering
2045 Morse Road, Bldg E-3
Columbus, Ohio 43229-6693
(614) 265-6965
Cell: (614) 813-0869*

From: Collett, Brandon
Sent: Friday, September 16, 2016 8:54 AM
To: Raters, Douglas; Thompson, Jeffrey; Helmick, William; Donahue, Joseph
Cc: Keller, Timothy; Spinosa, Stefan; Brokaw, Michael; Smithhisler, Gus; Cunningham, Brian
Subject: FW: SR 126 at Shawnee Run Rd.

All- See revised plan below. Also note that they have closed Shawnee Run Rd until project is complete. Disruption to SR 126 will depend upon how close and deep the junction of the 8'/10' culverts are to SR 126.

Survey- How long until the additional survey is ready? The new plan should avoid work agreement from the deceased property owner at outlet. However, knowing the location of the 8/10' transition relative to SR 126 and the height of the bikepath of the road are key pieces. I will be out of the office a couple days next week. When it is ready, please upload to the ftp site and send Gus and I an email. They don't use Microstation, so please include a .pdf and the .dxf so they can further manipulate.

<ftp://ftp.dot.state.oh.us/pub/Districts/D08/HAM-126-2588> at Shawnee Run Rd/

Thanks,

*Brandon Collett, PE
Structures Planning Engineer
Ohio Department of Transportation, District 8
505 South SR 741, Lebanon, OH 45036
Ph: 513.933.6643*

brandon.collett@dot.ohio.gov

From: Smithhisler, Gus
Sent: Thursday, September 15, 2016 6:11 PM
To: Collett, Brandon <Brandon.Collett@dot.ohio.gov>
Cc: Keller, Timothy <Tim.Keller@dot.ohio.gov>; Spinosa, Stefan <Stefan.Spinosa@dot.ohio.gov>; Brokaw, Michael <Michael.Brokaw@dot.ohio.gov>
Subject: RE: SR 126 at Shawnee Run Rd.

Attached is a rough sketch of the proposed cross section.

-Gus

From: Smithhisler, Gus
Sent: Thursday, September 15, 2016 6:09 PM
To: Collett, Brandon
Cc: Keller, Timothy; Spinosa, Stefan; Brokaw, Michael
Subject: RE: SR 126 at Shawnee Run Rd.

Brandon,

Our current plan, as discussed via phone, is to demolish the existing bridge over Shawnee Run and replace it with a 60'-75' bikeway bridge with 16' minimum vertical clearance. It is more economical to replace this structure than attempting to brace it with its proximity to the collapse area. This also accomplishes increased sight distance for the intersection of Shawnee Run and SR 126.

We consulted with the tunnel contractor and they would not be available until February.

We will keep you updated as things progress, but the majority of our coordination on the plans will be with the village of Milford.

-Paul 'Gus' Smithhisler, P.E.

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Cell: (614) 813-0869*

From: Collett, Brandon
Sent: Wednesday, September 14, 2016 4:00 PM
To: Smithhisler, Gus
Cc: Keller, Timothy; Spinosa, Stefan; Brokaw, Michael
Subject: RE: SR 126 at Shawnee Run Rd.

Gus,

To recap our conversation earlier, ODNR is considering a full depth excavation of the 10' stone arch due to stability concerns of the arch with workers inside. I share the concern. However, I have concerns regarding open cutting of arch

in the presence of the bridge over Shawnee Run Rd. The wingwall of the full height abutment sits on top of the arch in close proximity to the collapse (approximately 10 feet?). To remove the remainder of the arch in the collapsed area will likely undermine the abutment and the wingwall for which we have no information on its construction or foundation. Driving or vibrating sheeting in the area could also affect the stability of the stone arch, and consequently the bridge. I recommend consulting with a contractor experienced in tunnel construction to see if there is a way to safely stabilize the arch internally. If it is not and open cut is necessary, it is my opinion that removal of the bridge prior to the excavation will be necessary.

Respectfully,

Brandon Collett, PE
Structures Planning Engineer
Ohio Department of Transportation, District 8
505 South SR 741, Lebanon, OH 45036
Ph: 513.933.6643
brandon.collett@dot.ohio.gov

From: Collett, Brandon

Sent: Thursday, September 08, 2016 11:46 AM

To: Keller, Timothy <Tim.Keller@dot.ohio.gov>; Spinosa, Stefan <Stefan.Spinosa@dot.ohio.gov>; Raters, Douglas <Doug.Raters@dot.ohio.gov>; Fluegemann, Andrew <Andy.Fluegemann@dot.ohio.gov>; Smith, Larry <Keith.Smith@dot.ohio.gov>; Enders, Suzanne <Suzanne.Enders@dot.ohio.gov>; Lentz, Stephanie <Stephanie.Lentz@dot.ohio.gov>; Townsend, Raymond <Ray.Townsend@dot.ohio.gov>; Fick, Brian <Brian.Fick@dot.ohio.gov>; Wessels, Kelly <Kelly.Wessels@dot.ohio.gov>; Brokaw, Michael <Michael.Brokaw@dot.ohio.gov>; Hill, Timothy <Tim.Hill@dot.ohio.gov>; 'mike.zwick@kzf.com' <mike.zwick@kzf.com>; 'tim.casto@kleingers.com' <tim.casto@kleingers.com>; 'mnewman@milfordohio.org' <mnewman@milfordohio.org>; 'pholbrook@milfordohio.org' <pholbrook@milfordohio.org>; 'mdoss@milfordohio.org' <mdoss@milfordohio.org>; 'ehackmeister@milfordohio.org' <ehackmeister@milfordohio.org>; Smithhisler, Gus <gus.smithhisler@dnr.state.oh.us>; Middleton, Gary <Gary.Middleton@dot.ohio.gov>; Cunningham, Brian <Brian.Cunningham@dot.ohio.gov>; 'Kathy Dorman' <kdorman@ihill.org>

Subject: RE: SR 126 at Shawnee Run Rd.

All

I have placed all information that ODOT has that I am aware of (survey, limits past plans, correspondence, and photos) regarding this culvert on ODOT's ftp site at the following location:

ftp://ftp.dot.state.oh.us/pub/Districts/D08/HAM-126-2588_at_Shawnee_Run_Rd/

MILFORD

It is becoming apparent that the portion of the culvert that is under SR 126 is only an 8' diameter culvert which is less than the minimum structure size that constitutes a bridge. Consequently, the portion of the culvert under SR 126 is considered a small culvert and is Milford's responsibility and not ODOT's. The 8' diameter condition is in decent condition, especially given its age. The culvert has good shape and the joints stone joints above normal flow are mostly mortared pretty well. However, the mortar in the invert is missing through most of this section.

UPDATE

At this point in time, ODNR will be administering the repair of the culvert and closure of the bikepath. ODOT's role will only be advisory to ODNR. The plan as of yesterday was to slide a new pipe into the culvert through the outlet, then

grout around the pipe with low density fill or expansive polyurethane foam. The length of the repair, whether it is just the failed area or the entire 10' arch, or the entire arch, is yet to be determined. Delivery of materials will likely require temporary closure of northbound SR 126 which seems to be feasible through flagging operations. However, because the roadway is within the municipalities of Milford and Indian Hill, traffic control will need to be coordinated with those municipalities.

Thanks,

Brandon Collett, PE
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brandon.collett@dot.ohio.gov

From: Collett, Brandon

Sent: Wednesday, September 07, 2016 7:51 AM

To: Keller, Timothy <Tim.Keller@dot.ohio.gov>; Spinosa, Stefan <Stefan.Spinosa@dot.ohio.gov>; Raters, Douglas <Doug.Raters@dot.ohio.gov>; Fluegemann, Andrew <Andy.Fluegemann@dot.ohio.gov>; Smith, Larry <Keith.Smith@dot.ohio.gov>; Enders, Suzanne <Suzanne.Enders@dot.ohio.gov>; Lentz, Stephanie <Stephanie.Lentz@dot.ohio.gov>; Townsend, Raymond <Ray.Townsend@dot.ohio.gov>; Fick, Brian <Brian.Fick@dot.ohio.gov>; Wessels, Kelly <Kelly.Wessels@dot.ohio.gov>; Brokaw, Michael <Michael.Brokaw@dot.ohio.gov>; Hill, Timothy <Tim.Hill@dot.ohio.gov>

Cc: Smithhisler, Gus <gus.smithhisler@dnr.state.oh.us>

Subject: FW: SR 126 at Shawnee Run Rd.

All,

ODNR informed me late yesterday that they are going to use their own funds to repair this culvert and sell the project through their process. They will NOT be using the transportation funds for parks that is administered by ODOT. Therefore, ODNR will declare their own emergency, sell and administer the project, obtaining work agreements, coordinate utilities, and clear the environmental themselves. Thanks to all those who were previously working on these tasks.

I will still work with ODNR to assist in determining the best repair method and I would still like to get the survey that we discussed this morning with Doug and Jeff Thompson, but ODNR will be handling most other tasks themselves.

Thanks,

Brandon Collett, PE
Structures Planning Engineer
Ohio Department of Transportation, District 8
505 South SR 741, Lebanon, OH 45036
Ph: 513.933.6643
brandon.collett@dot.ohio.gov

From: Smithhisler, Gus
Sent: Tuesday, September 06, 2016 7:38 PM
To: Cothorn, Samantha <samantha.cothorn@dnr.state.oh.us>; Berezansky, Steven <Steven.Berezansky@dnr.state.oh.us>; Miller, Brian <brian.miller@dnr.state.oh.us>; Miller, Philip <Philip.Miller@dnr.state.oh.us>
Cc: Collett, Brandon <Brandon.Collett@dot.ohio.gov>; Elliott, Kenneth <Kenneth.Elliott@dnr.state.oh.us>; Wells, Eugene <Eugene.Wells@dnr.state.oh.us>; Apgear, Rodney <Rodney.Apgear@dnr.state.oh.us>; Hall, Nicholas <Nicholas.Hall@dnr.state.oh.us>; Tarr, Vicki <Vicki.Tarr@dnr.state.oh.us>; Swan, Michael <Michael.Swan@dnr.state.oh.us>; Leeth, Jerry <Jerry.Leeth@dnr.state.oh.us>
Subject: FW: SR 126 at Shawnee Run Rd.

All,

Attached are some pictures and sketches showing the culvert collapse on the Little Miami State Park Trail. My sketches also include survey information from ODOT that came available after this original email.

Brandon and I concur that the trail should remain closed until this issue is addressed. We are meeting on-site with a contractor and material supplier tomorrow at 2:30pm to get an estimate of the repair cost and timing.

I am currently working with REALM to enter into an agreement with adjacent landowners to allow a temporary reroute of the trail. This will allow the PUBLIC to use their properties to descend from the trail, cross Shawnee Run Road, and ascend back to the trail. We have both landowners initial approval of this plan. We have also discussed the reroute plan with the Village of Milford, who supports the plan on a temporary basis as this is safer than rerouting the public onto the state route. However, all parties agree that the safest path is getting the public back on the trail and avoiding the additional road crossing.

Some minor work will be required to open this trail, with the help of Park's Construction crew.

I believe that due to public safety, this project should be declared an exigency.

-Paul 'Gus' Smithhisler, P.E.

*ODNR - Division of Engineering
2045 Morse Road, Bldg E-3
Columbus, Ohio 43229-6693
(614) 265-6965*

From: Collett, Brandon
Sent: Friday, September 02, 2016 3:53 PM
To: Spinosa, Stefan; Fluegemann, Andrew; Grake, Marc; Campbell, Tammy; Middleton, Gary
Cc: Townsend, Raymond; Lentz, Stephanie; Kemp, Justin; Thompson, Jeffrey; Fick, Brian; Smithhisler, Gus; brandoncollett@fuse.net; Hill, Timothy; Keller, Timothy; Brokaw, Michael; tim.casto@kleingers.com
Subject: SR 126 at Shawnee Run Rd.

All,

As most of you know to some extent, ODOT became aware of a partially collapsed, 10' span stone arch. The arch runs under SR 126 and the Little Miami Bikepath. It is in close proximity, and we think parallel to Shawnee Run Rd. Attached is a drawing (unverified dimensions) and a sketch prepared by ODOT Bridge Specialist Stephanie Lentz based only upon field observations. Stephanie measured the collapsed portion of the stone arch to be 22' long, 9' wide (horizontal), and

17' tall from the stream channel up (i.e. approx. 7' above the top of the arch.). There is waterline encasement visible through the embankment that parallels the culvert at this location.

We are presently uncertain of the exact location of this hole as it relates to SR 126 and the bikepath. However, we THINK we see the bottom of a utility pole in the "roof" of the collapse. If this is the case, the edge of the collapse nearest the outlet is approximately at the edge of SR 126. An ODOT surveyor is currently headed to the site with the purpose better verifying this location and the depth of soil remaining.

We will have ODOT personnel looking at this collapse from the interior and exterior daily over the weekend. If we see any growth or find this to be directly located under SR 126 or the bikepath, a closure of either facility would be likely.

Tim/Andy- Gary Middleton and I discussed using a Type A Emergency to work directly with a contractor to get this repaired. However, the outlet of this structure is located 350 feet from the Little Miami River. Will we need this cleared environmentally before we do any work? If yes, how long will this take? The longer we wait, the higher the probability that more environmental damage will occur.

If you have any questions, you can reach me on my personal cell phone at 513-604-5661 or email brandoncollett@fuse.net.

Thanks,

Brandon Collett, PE
Structures Planning Engineer
Ohio Department of Transportation, District 8
505 South SR 741, Lebanon, OH 45036
Ph: 513.933.6643
brandon.collett@dot.ohio.gov

From: Collett, Brandon
Sent: Wednesday, August 31, 2016 1:33 PM
To: 'Kathy Dorman' <kdorman@ihill.org>; Lentz, Stephanie <Stephanie.Lentz@dot.ohio.gov>
Subject: FW: ODOT bridge?

Stephanie,

Kathy Dorman from Indian Hill is working on a project to repair a 1750' long culvert that eventually ties into a culvert under the Little Miami Bikepath and SR 126 immediately adjacent to Shawnee Run Rd. This portion under SR 126 is actually in Milford. I found 1990 plans from when the railroad bed was converted to a bikepath. These plans shows the culvert as a 10'x10' stone culvert. I have older culvert data that suggests it might be 7'. We don't have original or "as-built" plans to know the size for sure. Can you inspect this structure under SR 126 and the bikepath (since we assist ODNR at times). Please measure the structure under SR126 to determine if this is bridge size or not. Mrs. Dorman from Indian Hill would like to accompany you on this inspection. Her cell phone is 513-207-5081.

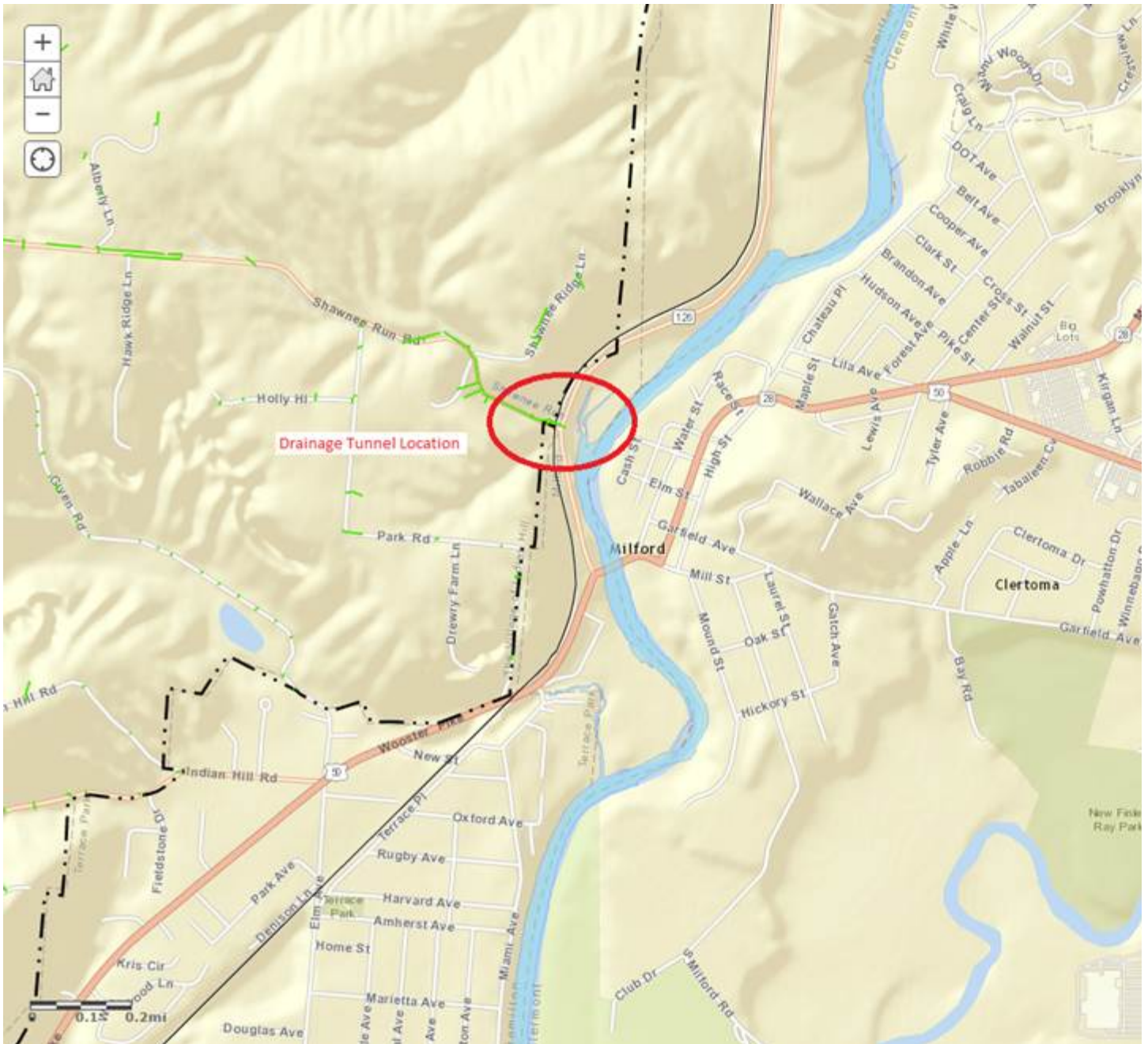
Thanks,

Brandon Collett, PE
Structures Planning Engineer
Ohio Department of Transportation, District 8
505 South SR 741, Lebanon, OH 45036
Ph: 513.933.6643
brandon.collett@dot.ohio.gov

From: Kathy Dorman [<mailto:kdorman@ihill.org>]
Sent: Wednesday, August 31, 2016 9:48 AM
To: Collett, Brandon <Brandon.Collett@dot.ohio.gov>
Subject: ODOT bridge?

Brandon,

Thank you for looking into this storm crossing. Please let me know if you have any questions.



Kathleen Wade-Dorman, P.E.
City Engineer/ Project Manager

Village of Indian Hill
6525 Drake Road
Cincinnati, Ohio 45243

Office: (513) 979-6215 | Cell: (513) 207-5081

Email: kdorman@ihill.org

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