Good afternoon Dave,

Attached are your deliverables for the LUC 25 project.

I believe we briefly discussed the efforts on the sanitary, and I may have had my sanitary lines mixed up in my head when we talked.

We had success on the 8" line - but the abandoned line, we tried everything and couldn't come up with any good evidence.

I included a narrative report on our field efforts, as well as a test hole report showing some of the efforts (along with additional photos) - but I'll try and hit some highlights.

The guys opened the manhole and noticed that what appeared to be the abandoned overflow entrance was capped and coated over. Based on the angle of that line, the guys tried to GPR the area but could not get any positive results. We straightlined to where it would cross the 8" and really tried our best to trench in multiple directions and probe - without undermining the condition of the road. They couldn't come up with anything there either.

I can't say it's not somewhere in that corridor - but I can say it's not where we looked. When I talked with the guys, we wondered out loud if it is really there or was completely removed; but not something I can say with any certainty beyond, it's not where we looked.

Only other thought, I don't know how feasible it would be, but try to remove that cap and coating and see what's on the other side. if there was an opening and what looked like an existing pipe still, we could potentially run a rodder through that and see where it goes. Maybe a long shot, but a thought.

Let me know if you have any questions regarding our data or thoughts in general.

Thanks Dave and have a good one!

Matt Reinhart

**FIELD SUMMARY**

1022073581 - LUC 25 Anthony Wayne Trail

Narrative for TH 3 & TH for Abandon San Overflow

Crew Provides QLB for 8” Sanitary Sewer. Plotting location for TH, crew measures NORTH app. 36’ +/- from rim of SAN MH to the anticipated diagonal crossing of ABND SAN OVERFLOW (ASOF). Source of ASOF identified in 18” SAN MH (WxNW of 8” SAN MH) but tie in at collar was capped and coated over. ASOF non-conductive and untraceable. GPR and passive induction efforts inconclusive. Straightlined projection of ASOF intersection near TH3 location. During excavation of TH3, crew probed NW to SE across projection of ASOF app. 4’ in each direction without compromising integrity of subgrade and roadway. NO ASOF FOUND in TH3.

Supporting Evidence: Culvert General Plan and Longitudinal Section-Alternative #2; Sheet 1 of 1

 Scale for Distance of app. 36’ +/-.

 Images: IMG\_2655, IMG\_2657, IMG\_2658, IMG\_2660, IMG\_2662, IMG\_2663,

 IMG\_2664.

 Records: SS\_1975\_15\_2008.