GPTQ Survey Subcommittee Meeting Agenda Minutes

BY: Benny Walden

DATE: April 25, 2018, Round Room

SUBJECT: GPTQ Survey Subcommittee Meeting

ATTENDEES:
Benny Walden           Jeff Simmons
Dwayne Wilson          Mr. J.D. Black
Jeff Powell            Jon Blanchard
William Retzloff      Allen Brock
Michael Lewis          R. Lewis
Frank Flanders         Joe Macrina
Shonnell Gibbs        Chris Adams
Aisha Moultrie         Mike Peppers
Veronica Davis

• Benny opened the meeting and everyone gave a quick introduction.
• Benny then went over the items to be discussed and asked David to discuss briefly the SUE issues at hand
  o David highlighted the issue with the different feature codes for SUE jobs and Survey Jobs despite same features being picked up. Issue with different types of SUE level and how features being picked up as per poles and the conflict of when consulted to do both Survey and SUE and the double effort
  o Consultants mentioned that they have their own feature code system they use to go with our cell library
  o Mentioned how items picked up during mapping as per utility features are all deleted out when SUE involved as SUE does subsurface and above ground when they are involved, so all Mapping utility are deleted out. (used as a verifier though but double effort)
• Mr. Walden highlighted that a test process is being done to avoid the double effort.
  o Jon reiterated that whatever effort is done, it needs to be communicated quickly so it can be added to ORD. Jon also advised to share the features in question to him and there office could come up with the nomenclature.
• Benny inquired with the SUE team about a standardized code that the Consultants may not know about that could be shared.
  o Ms. Gibbs responded by saying there was not a standardized code but they are all in favor of a standardized code being implemented.
  o Code implementation would need to be an alpha for GDOT but Consultants can do as they wish as long as the final product meets our deliverables.
  o Shonnell mentioned we need to have consistent micro-station cells whether its SUE or survey collecting the utilities.
• Meeting then transitioned to dealing with the Septic Tank issues.
  o Benny advised that Andy and Sam Woods are currently discussing this issue now. Designers also were asked for feedback and it was relayed that Designers could
get involved early as to minimize the efforts if property was not going to be
affected as to avoid unnecessary efforts.
  o It was also mentioned by Mr. Millen that discussion with Hiral were made as to
  having R/W handle the issue as to a cost to cure issue when they are found and it
  being more cost effective and timely when done on a need to be contacted basis.
  R/W owners and not renters would be at the meeting to give concrete information.
  o Jon mentioned that the Septic Tank Report would be coming out soon, hopefully
  next month.
  • Meeting transitioned to Lidar decimation and line work deliverables.
    o Benny gave a tentative starting number and it was later decided that 5 pts/meter
      would be adequate in conjunction with line work.
    o Scope of how Lidar is delivered was brought up but it was decided that the scope
      of the deliverables are the same for all projects and the same would be held for
      projects that had LIDAR, line work would need to be provided in the usual
      GDOT format and it should still meet our QA-QC checklist.
    o The issue of how much LIDAR reduces obscured areas was discussed. The group
      agreed 50% a good starting point and negotiate on a project specific basis.
  • The issue of subs and prime delivering there work was discussed and a method of how to
    keep track of who is responsible for what came up and PWDM, the web based
    ProjectWise tool accessible to project managers and primes was an option that can be
    explored to incorporate the tracking was mentioned.
    o Benny advised that he would look into this a little further
  • Quick note was shared about new traffic control measures in survey manual for
    interstates and work in emergency lane.
    o Diagram was shared and discrepancies about what type of roadway it applies to
      and what needs to be done for roadway such as 400 with multi-use type lanes with
      different functions at different times of the day.

**Action Items:**
  • SUE features to be shared to Jon Blanchard
  • Consultants get together and share what they are currently using with SUE Reviewers as
    to bring about a new standardized set of codes
  • Septic Deliberation will be checked on and feedback shared
  • Traffic control measures will be reviewed again to address different roadway types.

cc:  Our Office
     Benny Walden
     Jeff Simmons
     David Simmons

**Commented [JS1]:** We should note that LiDAR aerial acquisition will remain at twenty (20) points per meter with a
5 points per meter DTM post-processed as the deliverable. Also, we agreed that the data decimation should not be done
with a simple algorithm, but a "smart" decimation where we’re leaving high density point data in areas of significant
change in topography and the data “thinning” will occur in flat areas and other less challenging topo areas.