

**THE SEWER BOARD OF THE CIVIL CITY OF NEW ALBANY, INDIANA, WILL HOLD A WORKS SESSION IN THE THIRD FLOOR ASSEMBLY ROOM OF THE CITY-COUNTY BUILDING ON FRIDAY, JULY 13, 2012 AT 1:00 P.M.**

**PRESENT:** Mr. Brinkworth and Mr. Wilkinson

**ALSO PRESENT:** Todd Solomon, Roger Harbison, Lindsey Bironas, and Mindy Milburn

**Mr. Brinkworth called the meeting to order at 1:13 p.m.**

**Mr. Solomon** started with Chapter 12 and asked how they review plans for capital projects and if there was a formal plan to do so.

**Mr. Harbison** stated that even if it doesn't go through an internal review wouldn't they want them to flow through whoever the manager is and he would distribute it to whoever he needs to.

**Mr. Solomon** stated that he would think they would want a copy of it to have a chance to review before it went to IDEM but this would but this is the board's decision. He explained that there is wording that states that New Albany is going to review and approve and IDEM will review and approve, and he wanted to make sure that is accurate before they finalize the manual

**Mr. Brinkworth** stated that they currently don't have anything in place that calls for that but it is a good idea. He explained that IDEM is usually pretty good about reviewing plans.

**Mr. Solomon** stated that MSD's process is in place because they have actual engineers on staff but it will be up to the board if they want to add this.

**Mr. Brinkworth** asked if they could put that on hold right now and go through the rest of the document. He stated that if they do want to add it they will have to charge the developer a fee like Storm Water does.

**Mr. Solomon** stated that in his opinion it would be a very cursory review to look at the plans with a practical eye for the bigger items and IDEM will catch the smaller issues.

**Mr. Solomon** moved to 12-3 that makes reference to curved sewers and stated that he thinks that it is outdated and is something they could deal with on a case by case basis situation.

**Mr. Harbison** stated that it would be a very unusual circumstance to use a curved pipe.

**Mr. Solomon** discussed 12-4 regarding standard drawings for a stream restoration that references Appendix A and went over the details that were pulled from the MSD manual. He stated that they pulled the ones that made sense that will cover most every situation. He explained that if they would rather not reference these in the documents they could give them a link to the MSD website with the designs in them.

**Mr. Brinkworth** asked Mr. Solomon what he would recommend.

**Mr. Solomon** stated that personally he would like to have the plans at his fingertips on the paper in front of him so that he doesn't have to reference other sources.

**Mr. Harbison** stated that he has seen it done both ways.

**Mr. Solomon** stated that if MSD changes their plans then their design manual won't match any longer and that could be a good or a bad thing because if they change something that the city doesn't like then they have to use what they change it to.

**Mr. Harbison** stated that it could be a bad thing but MSD doesn't change their design standards very often and if they do it is with good reason.

**Mr. Wilkinson** stated that he likes having the more practical things inside the manual itself but they definitely don't need to have them all.

**Mr. Brinkworth** stated that he wouldn't be opposed to them adding what they think they will use for 90% of their projects and referencing the rest in a link. He explained that they could even state in the manual that it is their responsibility to look for the latest versions on the website.

**Mr. Solomon** moved to 12-5 regarding water main clearance and stated that it is standard Indianan Code. He discussed 12-6 and the MSD requirements for a drainage map to identify flows for tributary areas to see what is feeding into the sewer and what flows are coming in. He stated that this is a nice tool but it can be taken out if they don't want it in there.

**Mr. Wilkinson** stated that this will be helpful for them in the future because most of their development will be outside of I-265 and they don't have a lot of information on that area.

**Mr. Solomon** stated that he likes them because it gives them some idea of what area they indented to serve when looking at plans.

**There was a lengthy discussion regarding what information goes in this table and what it is used for.**

**Mr. Brinkworth** suggested that they put in a call to IDEM before they put this in the manual.

**Mr. Solomon** discussed 12-7 (F) regarding the numbering system for manholes and asked if the city has any system for this.

**Mr. Brinkworth** stated that he isn't sure what the system is but when they do a separate subdivision they start at #1. He explained that it would be good to implement something that they use from here on out.

**Mr. Solomon** stated that it could read that they reference basin # and then they contact the utilities or Mr. Lahanis to get the correct number. He explained section 12.8 regarding design flow criteria is taken from IAC

**Ms. Bironas** stated that except for future development and that is taken from MSD's method.

**Mr. Solomon** stated that this could all be changed if they want it to.

**Mr. Brinkworth** stated that it all looks fine to him.

**Mr. Solomon** went back to 12-7 regarding interceptor sewers and explained that part of it is a reference to MSD where they talk about designing sewers flowing full. He explained that MDS's designs sewers to flow full at future flow to minimize the pipe size. He stated that at GRW they typically design sewers at saturation flow which is 75% or 2/3 as a precaution but they will do whatever the board wishes to do for this.

**Mr. Brinkworth** stated that he would agree with using 75% because future developments are going to have more homes per acre because of the economy.

**Mr. Solomon** stated that they can put this in 2/3 or 3/4 and that is a general goal.

**Mr. Brinkworth** asked about sewer construction in other areas and if there has been less infiltration with plastic pipes.

**Mr. Solomon** explained that he thinks that they are less but the plastic hasn't been in the ground as long. He stated that if they are using PVC it probably holds up over time but plastic gets brittle.

**There was a lengthy discussion regarding types of piping and the benefits and drawback of clay vs. PVC**

**Mr. Solomon** moved on to 12-9 regarding the hydraulic design criteria and stated that it is all very basic stuff.

12-11 Piping Materials: All of this information was pulled from MSD's standard specs which include IAC sections that are required. He stated that they could take this out and put it in the appendix or modify it but they need to review it and make sure it is all current.

12-15 Back Fill of Trench Excavations: MSD has a lot of methods that allow for this or other options. He explained that it doesn't direct you to what option but it tells you which ones are there.

12-19 Testing of Sewers: All very basic but it can be modified

12-21 (G) Sewers of 6 inch in Diameter or Larger: Possibly eliminated.

**The board agreed to have this eliminated**

12-21.12 Manholes: Very general including design, space, and diameter.

12-22 added a second paragraph to include minimum diameter of 60 inches and they added this wording to make sure they had space for the relining equipment.

12-12.4 Water Tight Manholes: Requires these unless a waiver is granted by the City of New Albany. He stated that this is pretty stringent and they may want to look at this. He explained that they are usually required below a hundred year flood so this may not have been copied correctly.

**Mr. Harbison** stated that he would be okay with them changing that wording to read under a hundred year flood.

**The board agreed to have this changed.**

12-24 Property Service Connection: Pulled from New Albany Ordinance and asked if this was still how the board wanted to handle these types of connections.

12-25 Trenchless Pipe Installation: This includes the different requirement for each method.

Chapter 13- Taken from MSD and he recommended that they rewrite this section after what they discussed during the first half of the work session.

Chapter 14 - Deals with pump stations and it is a blending Louisville MSD pump station with New Albany lift station section and includes information from New Albany as an appendix and asked the board to look through the details. He stated that many of the attachments are pulled directly from the MDS design manual and substituted the city title in the place and they will acknowledge where they got them from.

**Mr. Brinkworth** asked if they could break up the next work sessions into different days for the two boards.

**ADJOURN:**

There being no further business before the board, the meeting adjourned at 10:02 a.m.

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Gary Brinkworth, Vice President

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Mindy Milburn, Deputy City Clerk