

***UNDERGROUND MATERIALS &
METHODS SUBCOMMITTEE
JULY 2024
MEETING MINUTES***



July 16

11:03 AM meeting to order

J Lienberger – Lienberger and Assoc

Gean Na

Shelby Hull – pre con

Dave Badgely – Performance Pipeline

Chris Amphers - WL Plastics

Pardeep Sharma - HK

Hersy Enriquez – City of San Diego

Alan Tam – City of Los Angeles

Mark Gijum – LACSD

Jackie Jaques – Sekisui

Dave Wangerin – EJ

Brooks Ryan – Unibell

Ed Arrington – COLA

Meeting minutes: Motion to Approve JL, DB 2nd

Item on hold and noted

Announcements: Keegan is looking for Chair (co Chair) agency/ Industry person.
Underground meets regularly, others groups do not meet.

DB: south point Aug 5-8 th Las Vegas, NV

NASSTT – 15-16 October – Pomona, CA., CalPoly

JJ: finalizing the agenda and a site visit to see a project that MG is working on, Students will see TT live and understand. JJ had a great turn out at NoDig with Cal Poly Students. They also attend meetings and such, Site visit 1 October

Old Business:

284 UM Part 5 – quick pivot – we have been reading and has been helpful. Speaking to Dave and how can we get it done. Technically things need to be completed. 2 meetings a month,

TO DO List: what sections need work SLIP Lining, 700.2, folded and reformed
7.3, 7.4.

GN to DB look at 7.5 one more time, 7/24 10AM

EA going thru these sections – slip lining, we will pull you into the group.

GN Identified these three sections that need working on

We will invite Ed or Alan to the meeting. Ed/Al will review and submit their information to the group. DB similar – materials etc

EA title said segmented, certain liners are NOT segmented.

Solid wall HDPE – storm and sewer

EA – Snap tite for steel pipes,

GN: can we have Alan and ED at the meeting or an hour of time before the next meeting,

Next week 10 24 July dedicated to folded and reformed

EA/AL 31 July 1PM -

Fusible Solid wall slip liners, DB/EA can we discuss it all –

GN leave it as TBD –

Stick to this time frame – etc.

JL to DB set up TEAMS –

329UM table 306-7.8.3.2 SDR 35 (rejected) Jeff Boschert

GN 329 UM officially rejected

346 UM has been recreated and pretty much the same as 329 UM (minimal mandrel deflection,

JB: some changes since last month, I 'have struck out all the FRP – fiberglass pipe is different from all the other pipes in the table, other pipes you can derive from the table, for fiberglass pipe you cannot, it gives OD and says wall thickness will be determined from the manufacturer. Easiest thing to do was to remove the fiberglass pipe from the Table,

EA to JB do you know the current numbers for fiberglass pipe came from? JB some are wrong, EA: do you know, ASTM or AWWA lists ID for these pipes? JB ASTM does not, not sure about AWWA, EA: are there products to provide these? JB: HOBAS uses a table guide, other manufacturers may have other numbers, Table cannot differentiate between products.

GN: if this is removed, EA how does this get handled at a specification standpoint?

EA: generally speaking we would traditionally, deflection is looked at, the level or strain that is triggered, and different products will yield differences. The 4% of the table may need to also be looked at, the manufacturer gives the final ID, with some consideration to tolerance, in the submittal process that is taken into consideration and I assume all agency will take this into consideration too. You may call out a specific thickness, and the agency would look at the project and the thickness would be project specific.

Would best to remove this for now, we have so many products, until we nail down the variability for fiberglass,

JB: we could remove fiberglass from the table and come up with a field sample sizing or something else workable instead of having it in the table,

GN: verify if AWWA has minimal ID/OD for mandrels.

Propose go to the manufacturer for Greenbook, as ASTM does

EA: AWWA M45 – how it addresses mandrel -

GN: 346UM is replacing 329UM.

EA: The text proposed by JB is great, it is cleaned up and a lot more consistent,

Can we run this to a 30 day hold.

GN: we should not put it on a 30 day hold until we verify AWWA M45 , we may have changes and we need the time to review.

GN to JB – copy what ASTM has and JB will work on that this week.

JB: as far as plastic pipe ppl and contractors, need to look now, its not changed,

GN to BR – any comments

GN: main committee will see this on Thursday.

332UM – kicking the can, sent to Editorial , make it better –

337UM - was put on a 30 day hold –

GN: changing the figure from 16% to 20%, table 208-3.

PS: standard requirement is 25%, we move this to 20% it is not anything special, we have it and there is no problem with us, the 16% was a special thing and now we will not need to have a third type.

GN: motion to vote on this

DB: had a ?

PS : becomes a cost issue at 16%.

JL motion, PS/DK 2nd

Approved and moved to Editorial

339UM GN: trying to get your changes inside of the changes to 284UM

GN: word doc, proposed changes from CA

Changes CA has will slip into section 4

DB: two sections use the spec that the product uses.

EA: 1st proposal has to do with the product to closely mirror ASTM 545, seems to be fold and form HDPE. Does ASTM 545 deal with fold and form or deflected, to make it more like ASATM 585, changes refer to fold and form

ASTM 585 is the standard – installation methods for 500.4 to line up more with ASTAM 585,

Remove HDPE fold and re formed from the greenbook.

JL Send invites out before end of day

338UM – section 200,

CA: getting rid of wrong sizes ISP 4-6 3 63, adding what F714 covers, cleaning up the specification, old products not being made were pulled and the one being used replaced those,

GN to CA – not an HDPE expert, manufacturer standard, applicable,

GN: send this version out to the group. Sounds like this will move forward with a little clean up.

??

342UM BR: PVC section 30 day hold previous month.

Every one had looked at it,

GN: vote to move it forward – all in favor – moved forward change is approved and moved to Editorial.

BR: ASTM 3034 – all effects PVC gravity sewer older ASTM rolled all into ASTM 3034

Bill Mahoney is the official sect.

GN: I believe the chemical resistance was approved.

Anyone planning to submit new?

Aug 13th!