

## Leanne Scott

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**From:** Greg Hooper  
**Sent:** Sunday, March 30, 2008 10:07 PM  
**To:** Roger Rouse; Paul Davis  
**Cc:** Leanne Scott; CityCouncilMembers  
**Subject:** Engineering Standards

Roger/Paul:

I am providing my comments in advance to assist in the review:

Chapters:

- 1) Are mylars still being used? This note applies to all sections.
- 2) Part E & N use "and" not or for thrust blocks and restraining glands.
- 2) Part M we need to provide General Direction, not leave it open ended for hydrant spacing.
- 2) Part R we need to provide General Direction, not leave it open ended for fire flows.
- 3) Why drop ABS pipe?, why not use both ABS and PVC unless ABS is no longer made.
- 3) Part R Double TV inspection of Sanitary ?????
- 4) page 21 - Floatable Traps - need to discuss.
- 4) page 27 & 30 Fence Materials, I would like the Planning Commission to weigh in on this one.
- 4) page 31 why discourage UG detention? We need to be creative with our redevelopment.
- 4) Page 32 typo "HS-20" loading
- 4) page 38 - This is a huge positive step for the City!!
- 4) page 40 - TV storm pipe?? I do not see the need, added cost.
- 4) page 41 - testing concrete pipe?? The 4 pipe manufacturers all provide certified materials and everyone buys from one of these four. We do not need this.
- 5) part B shouldn't we just say maximum is ADA - 1/12 slope.
- 6) part B Why not crushed concrete and crushed asphalt for aggregate base materials?
- 6) part B typo 9" not 8" for asphalt.
- 8) part B Why not crushed concrete and crushed asphalt for aggregate base materials?
- 8) part C slope for ADA or 1/12 for maximum.
- 10) part E Crushed concrete and crushed asphalt?.

Drawings:

WM1 - How do you get birdseye in the casing? I never understood boring a road, installing the carrier pipe and then filling the space. I would just bulkhead the ends and leave the space empty to be able to replace the pipe in the future.

WM2 - Class II can be compacted in more than 6" layers, Hoepacs can compact up to 3' loose lift.

STM - "existing and new storm to be cleaned and flushed after 90%" We need to discuss this.

STM - TV storm sewer. I do not agree.

Looking at this as a complete package this is a great set of standards.

Greg