

New drawing

Post by Administrator on 7/14/05 at 15:22

Updated drawing/spec located at <http://users.wpi.edu/~skwirl/HardwareGuide/New/Ready/Systems/sgm03.pdf>

Re: New drawing

Post by TerryHale on 7/26/05 at 10:01

I've not raised the issue on any of the other drawings, but it may be time to. We should consider addressing reflectorization issues. With roadside barriers, delineation can usually be handled by placing reflectors on weak posts driven behind the barrier. On our secondary roads, however, we often do not go to the effort. Instead, we often mount reflectors to the guide rail itself, particularly where we are using A588 rustic self-oxidizing steel, rather than galvanized.

In the case of median barriers, it is not possible to mount reflectors on posts "behind" the barrier. For w-beam median barrier, reflectors may be mounted on posts driven between the W-beams. For box beam that is not possible. We have mounted little reflectors on small L brackets mounted to the top of the box beam. Especially on the roadside box beam, these L brackets are often flattened by our snow plows. We have found that the best (most survivable) location for reflectors is mounted between the flanges of the post, just beneath the boxes. Reflectors are not required on every post, but should be roughly 50 feet apart.

Re: New drawing

Post by cheimbecker on 7/26/05 at 10:21

Terry- I'm following right behind you today on the comment boards. Nice timing 😊 - and as an aside, I'll say that your comments and effort have been a gain positive for this board. Thanks for your time and experience.

First - the reflectors. I agree that reflectors are a good item to include with the barrier guide. They aren't in the book, but very well could be. Every state is a little different and it would be an effort to pull it all together. Maybe you could repost your comment under the "errors/ommissions" section so that more people can check it out and comment.

Lastly - regarding the topic SGM03...

Is there a transitional piece between the SGR03 and the SGM03 ? I know there is a terminal system that uses a transitional section - but is there a state that utilizes anywhere a 6"box to 8" box transition? If yes - that part should be included.

Re: New drawing

Post by Administrator on 8/3/05 at 13:07

I've reposted Terry's comments about reflectors in the Errors & Changes forum.

7/26/05 at 10:21, cheimbecker wrote:

Is there a transitional piece between the SGR03 and the SGM03 ? I know there is a terminal system that uses a transitional section - but is there a state that utilizes anywhere a 6"box to 8" box transition? If yes - that part should be included.

I don't see such a transition piece in the old Guide. That doesn't mean there isn't one in use, though.
