

Curb Ramp Working Group Meeting

Meeting Notes
January 25, 2016

Opening:

The meeting of the Specifications and Details Curb Ramp Working Group was called to order by Warren White on January 25, 2016, at 1:30 p.m. in the MAG Cottonwood Room.

1. Attendance

Brandon Forrey (Peoria), Bob Herz (MCDOT), Roger Olson (Buckeye), Dan Shaffer (Surprise), Don Songer (Gilbert), Gordon Tyus (MAG), Warren White (Chandler)

2. Curb Ramp Alignment Presentation

Warren White introduced the meeting by stating that he hoped to present a case in March with the goal of committee approval by September. He next presented slides showing different potential arrangements for intersection alignments. These included showing directional and radial ramps for local, collector, and arterial intersections. Options showing alignment changes for streets with turn lanes included moving the placement of the ramps, as well as skewing directional ramps. The presentation is available on the MAG website here:

<https://www.azmag.gov/Events/Event.asp?CMSID=8478>

3. Directional Curb Ramp Draft Details (Detail 237-1)

The group began discussing the directional ramps. Brandon Forrey displayed draft Detail 237-1 on screen and provided handouts. The detail was unchanged since the previous meeting, but several members not at that meeting provided comments. One issue discussed was 4" vs. 6" vertical curb, and roll curb. Mr. Forrey said sometimes contractors will unnecessarily increase from 4" to 6" just to use the current detail. Mr. Herz suggested that moving from a 6" to a 4" curb height would allow smaller ramps to be constructed. Mr. Forrey said Peoria had this as an option. He showed several other options with Peoria details, but thought that it may make sense to start with the standard versions to present to the committee and add other options based on them later. Mr. Olson said that he thought the directional ramp detail should at least have a detached sidewalk option, since most new developments, such as those in Buckeye, use detached sidewalks. Mr. Herz had questions about how the triangular area in front of detectable was sloped. He noted that it may not be possible for the entire concrete section to have a 1-½% slope. The group also made suggestions to improve the section view including adding the curb and gutter in the section view showing the 5% counter slope.

4. Radial Curb Ramp Draft Details (Details 236-1, 236-2)

Warren White provided an updated Detail 236-1 that included a table in the top right corner to help specify the ramp width (A), landing size (B), and distance between ramps (C) based on the curb radius with typical sizes for local, collector and arterial streets. Mr. Songer suggested just using (less than 25') and (25' and greater) as the table options. Mr. Herz noted that the dimension (B) should be drawn perpendicular to the back sidewalk to ensure the minimum pedestrian path width. Members also thought that row (C) might should be eliminated, or have the minimum, or typical value. Mr. White suggested keeping the 2' minimum and possibly

showing different options based on the intersection alignment diagrams. Mr. Songer thought the note referencing Detail 234 on the section view was confusing. Mr. White agreed and said he would adjust the similar note on the plan view and move the arrowhead down slightly. He also plans to adjust the slope arrow on the section view to clarify that it includes the detectable warning area as well.

4. Next Steps

Warren White and Brandon Forrey said they would incorporate comments and feedback to update the draft details. Due to President's Day holiday next meeting is scheduled for Monday, February 22nd in the MAG offices. After that the group will meet on the 3rd Monday of each month.

5. Adjournment

The meeting was adjourned at 3:00 p.m.