

Curb Ramp Working Group Meeting

Meeting Notes
December 14, 2015

Opening:

The meeting of the Specifications and Details Curb Ramp Working Group was called to order by Warren White on December 15, 2015, at 1:30 p.m. in the MAG Cholla Room.

1. Attendance

Brandon Forrey (Peoria), Russel Gordon (Gilbert) Cathy Hollow (Tempe), Gordon Tyus (MAG), Tom Wilhite (Tempe), Warren White (Chandler)

2. Transition Plans

Warren White commented that Chandler's updated transition plan was recently approved by City Council. Ms. Hollow of Tempe and Mr. Gordon of Gilbert said they are beginning the development of their transition plan.

3. Curb Ramp Draft Details

Mr. White handed out the latest drafts of dual curb ramp options: Detail 236-1 was a modification of existing Detail 235-1 showing radial ramps for an attached sidewalk. Detail 236-2 showed radial ramps for a detached sidewalk. Brandon Forrey provided a draft Detail 237-1 that showed directional dual ramps in a format similar to existing MAG details. Mr. Gordon asked why we were developing radial ramps if the directional ramps are preferred. Mr. Forrey stated that the radial ramps are still allowed under the proposed guidelines, and it would be good to have several options available for agencies to choose from. He said that even single ramps are allowed in certain retrofit situations. Ms. Hollow said that projects that use ADOT federal funds are required to use dual ramps.

For the radial ramps Mr. Wilhite provided written notes adding some dimensions. There was discussion about what minimum sidewalk widths should be shown on the details. He also shared Tempe's details with the group. Mr. Forrey commented that providing all the options for sidewalks widths, street radii and curb thicknesses all on one drawing was tricky. Mr. Tyus developed a 3D model of the existing MAG detail 235-1 to visualize it to scale and suggested that the draft 236 details show wider wings and more separation between ramps for a more realistic look. There was discussion on making the distance between ramps 2' minimum instead of typical, since the ramp placement changes based on the radius of the street and placement of crosswalks.

The group next reviewed the directional ramp detail. Mr. Forrey noted that several dimensions still needed to be determined. Mr. Wilhite asked why the detectable warnings did not meet the edge of the curb. He also drew a diagram on the whiteboard to help explain how in order to have both a 1.5% slope at the bottom of the ramp to avoid debris collection, and an 8.33% slope on the ramp, some cross-slope of the ramp may be required depending on the direction of the flowline of the curb. Members also thought it would make sense to show the curb in the section view to be consistent with other details, and adjust placement of the section line. Mr. Wilhite

asked if the concrete was scored to help visualize the flow line. Mr. Tyus thought the inner line at the bottom of the ramp could be removed. Tom Wilhite provided written comments on the draft detail and also suggested adding Note #6 from Tempe's detail.

4. Next Steps

Warren White and Brandon Forrey said they would incorporate comments and feedback to update the draft details. The group suggested that Mr. White provide an update to the committee on the working group's progress and get some initial feedback from them as well.

5. Adjournment

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