

Design Procedures/ Review Process for approving ADA compliant infrastructure on Engineering Construction Plans

The development and approval of construction plans and specifications, will follow the procedures outlined below.

Plans will show the grades of pedestrian ramp and landing area running slopes and cross slopes graphically on associated intersection and pedestrian ramp details. Design point tables will still be provided on the plans. An example of graphic ramp grades is provided in Fig. 1.

Table 9-2 of the City's PMP manual lists required elements at each design level. One element; *Intersection layout with preliminary ADA layout and necessary ADA upgrades identified*, is required at 30%, 60%, 90% and Bid-Ready levels. Specific requirements for each design level are listed below.

30% review

- Pedestrian Access Route (PAR) checked for general conformance with ADA requirements. City staff will review submittals for general conformance.
- Review comments will be incorporated into 60% plans if feasible or justification documentation will be created for variance requests.
- 30% Gateway-PAR and ped ramp design resolution will be summarized for review, approval and included in Summary of Technical Review Comments or Design Standards and Deviations section of the gateway form.

60% review

- Detailed ped ramp design will be included at the 60% design. Longitudinal and cross slope grades will be shown for the ramps and landing areas along with design point tables
- Pedestrian Access Route (PAR) and ramp details checked for compliance with ADA requirements. City staff will review for conformance.
- Review comments will be incorporated into 90% plans if feasible or justification documentation will be created for variance requests.
- 60% Gateway-PAR and ped ramp design resolution will be summarized for review, approval and included in Summary of Technical Review Comments or Design Standards and Deviations section of the gateway form.

90% review

- Detailed ped ramp design will be check and verified for ADA compliance. Final review will include documentation for variances from ADA standards.
- Review comments will be incorporated into 100% plans if feasible or justification documentation will be created for project files.
- 90% Gateway-Final ADA compliance / variances will be reviewed and approved and included in Summary of Technical Review Comments or Design Standards and Deviations section of the gateway form.

Implementation

All new projects will follow the procedures outlined above.

Projects completing 90% design

- The 90% review will request ramp and landing grades be shown on detail sheets as part of the 100% submittal.
- Ramp/landing grades will be checked internally for compliance.
- Final resolution of ramps will be summarized at the 90% gateway.

Projects with 90% design complete

- Ramp/landing grades will be checked internally for compliance.
- Final resolution of ramps will be summarized at the preconstruction gateway.

Figure 1

