

FY 2017/2018 QC Category No. 20
STATEWIDE INSPECTION GUIDELIST
ADA – Accessibility Issues

SIDEWALKS

1. For sidewalk forms, verify that sidewalk width and profile meet requirements shown in contract documents and Design Standards. [Indexes 304 and 310]
2. For sidewalk forms, make sure the cross-slope of sidewalk is not more than 1:50 (2%). Out of tolerance forms must be adjusted prior to placing concrete. [Index 310 and 49 CFR 37, ADA Standards for Transportation Facilities - 403 and Guidelines for Accessible Public Rights of Way - R301]
3. Make sure that the width of sidewalk is the standard 5' or 6'. [Index 310]
4. Make sure that no obstruction (utility pole, equipment, sign structure and/or panel, landscape materials, etc.) restricts access along sidewalk to a path less than 48" wide. Where this is a problem, immediately contact the Project Administrator for approval in delaying the sidewalk panel pour until the obstruction owner can move the obstruction or moving the sidewalk around the obstruction, if feasible. Where neither solution is feasible, document to file. At no point shall the clear width of the sidewalk be less than 36". [Index 310 and 17302, 49 CFR 37, ADA Standards for Transportation Facilities - 403]
5. Make sure construction joints, expansion joints, valve boxes, manholes and junction/pull boxes for sidewalks are flush across the joints. [Specs. 635-3 and 522-7.2 and 49 CFR 37, ADA Standards for Transportation Facilities – 303, and Guidelines for Accessible Public Rights of Way - R302.7]
6. For sidewalks at inlet structures, make sure the sidewalk and inlet structure are flush across the joint. The sidewalk must match the profile of the utility structure. [Spec. 522-5 and 49 CFR 37, ADA Standards for Transportation Facilities – 303, and Guidelines for Accessible Public Rights of Way - R302.7]
7. For sidewalk closures, make sure that an accessible alternate path is provided for pedestrian MOT around the closed section of sidewalk. [Guidelines for Accessible Public Rights of Way – R205, Manual on Uniform Traffic Control Devices Section 6H.28 and 6H.29, Spec. 102-3 and Index 660]
8. Protect plastic concrete from damage (footprints, graffiti, heavy loads, etc.) [Spec. 7-14]

CURB RAMPS

9. For curb ramps and the sidewalk around them, make sure the form work complies with the geometry for the curb ramp case numbers shown in the plans and detailed in the Design Standards [Index 304]

10. Provide level landing at least 48" deep by the width of the ramp at the top of each curb ramp. A flush pull box or drainage structure top may be located within this landing area. [Guidelines for Accessible Public Rights of Way – R304 and Index 304 Sheet 2]

11. Make sure that no obstruction (utility poles, equipment, post base, wall, guardrail, etc.) restricts access to a path to less than 48" wide entering the landing at the top of each curb ramp unless approved by the Engineer. [Guidelines for Accessible Public Rights of Way – R302, Indexes 310 and 17302 General Note 7]

12. For curb ramps slopes, make sure the formwork complies with the slope geometry limits shown in the Design Standards. At no point, shall the ramp slope be greater than 1:12 (8.33%); nor shall the ramp cross-slope be greater than 1:50 (2%). Adjust formwork prior to placing concrete. [49 CFR 37, ADA Standards for Transportation Facilities – 406, Guidelines for Accessible Public Rights of Way – R304 and Index 304, General Note 3]

13. Detectable warnings shall be truncated domes in a linear pattern, 24" deep measured from back of curb and shall extend the full width of the sidewalk or curb ramp. Detectable warning shall contrast visually with surrounding materials. [Guidelines for Accessible Public Rights of Way – R305, Spec. 527 and Index 304]

14. Construction joints and expansion joints in the vicinity of curb ramps must be flush across the joints. [Spec. 522-5 and 49 CFR 37, ADA Standards for Transportation Facilities – 302, and Guidelines for Accessible Public Rights of Way - R301]

PEDESTRIAN DETECTOR CONTROLS

15. Install Pedestrian detector controls with the center of the push button 3'-6" above finished walking surface immediately below the control. [Index 17784]

16. Each pedestrian detector control must have a level maneuvering space within reach range of the detector control. Each maneuvering space must be at least 30" wide x 48" deep. [49 CFR 37, ADA Standards for Transportation Facilities 309, Guidelines for Accessible Public Rights of Way – R403, Manual on Uniform Traffic Control Devices Section 4E.08, and Index 17784 Note 5]

17. Assure that no obstruction restricts access to the maneuvering space for pedestrian detector control to a path width less than 48". [49 CFR 37, ADA Standards for Transportation Facilities - 308 and Guidelines for Accessible Public Rights of Way – R302]

DRIVEWAYS

18. For driveway aprons/turnouts, provide level sidewalk walk-around. Walk-around must be at least 48" wide. [Guidelines for Accessible Public Rights of Way – R302; Index 310]

PEDESTRIAN CROSSINGS

19. At curb ramp slopes, make sure that there are no profile grade break transitions greater than 13% between any 2 adjacent sections of the accessible route down the ramp slope and out into the roadway. If the profile grade break transition is greater than 13%, construct a 24" bottom level landing to reduce the transition to less than 13%. Also make sure that the transition between asphalt and curb & gutter materials are flush across the joint. [49 CFR 37, ADA Standards for Transportation Facilities - 308 and Guidelines for Accessible Public Rights of Way – R304.5.4; Index 304]

20. Make sure that drainage inlets will not encroach into crossings. Where this is a problem, immediately contact the Project Administrator for approval moving the crossing and curb ramp if feasible; if not feasible, document to file. [49 CFR 37, ADA Standards for Transportation Facilities - 308 and Guidelines for Accessible Public Rights of Way – R302.7.3]

21. Make sure that curb ramps are wholly contained within the crossing markings. Where this is a problem immediately contact the Project Administrator for approval in altering the geometry of the marking shown in the plans to include the curb ramps. [Index 304 Sheet 1, 49 CFR 37, ADA Standards for Transportation Facilities - 308 and Guidelines for Accessible Public Rights of Way – R304]