**GENERAL NOTES**

1. Install a curb ramp or blended transition at each pedestrian street crossing.
2. All slopes shown are maximum allowable. Cross slopes of 1:50 and lesser running should be used. Adjust curb ramp length or grade of approach sidewalk, as directed.
3. Maximum allowable cross slope on sidewalks and curb ramp surfaces is 2%. The minimum cross slope is 0.5%. Where the sidewalk is adjacent to the curb, 0.6% cross slope is desirable, where 0.5% sidewalk cannot be provided due to site constraints, sidewalks shall be maintained at such cross slopes for short distances. 0.5% cross slope of areas not to exceed 200' are required.
4. Turning spaces shall be 5' x 5' minimum. Cross slope shall be maximum 2%.
5. Clear space at the bottom of curb ramps shall be a minimum of 4' x 4' being contained within the crosswalk area at the edge of the pedestrian crosswalk path.
6. Provide finished slopes where the pedestrian circulation area crosses curb ramp. Finished slopes shall be not less than 10' minimum, measured parallel to the curb. Return curbs may be used only where pedestrian crosswalks will not normally cross the ramp, neither where the adjacent surface is planned, substantially obstructed, or otherwise protected.
7. Additions or extensions to curb ramp design, lighting, reflective value and texture may be found in the latest draft of the Proposed Guidelines for Pedestrian Facilities in the Public Right of Way (PROMA) as published by the U.S. Department of Transportation and the American National Standards Institute (ANSI).
8. To serve as a pedestrian refuge area, the median should be a minimum of 6' wide, measured from back of curbs. Sections should be designed to provide accessible passage over or through them.
9. Small islandization islands, which do not provide a minimum 5' x 5' landing at the top of curb ramps, shall be cut through level with the surface of the street.
10. Crosswalk dimensions, crosswalk markings and stop bar location shall be as shown elsewhere in the plan. At intersections where crosswalks are not required, curb ramps shall align with theoretical crosswalks unless otherwise directed.
11. Provide curb ramps to connect the pedestrian access route at each pedestrian street crossing. Handrails are not required on curb ramps.
12. Curb ramps and landings shall be constructed and paid for in accordance with Item 531 "Sidewalks".
13. Provide concrete at a minimum depth of 5" for ramps, landings and landings, unless otherwise directed.
14. Furnish and install: No. 3 reinforcing steel bars at 18" o.c. both ways, unless otherwise directed.
15. Provide a smooth transition where the curb ramps connect to the street.
16. Curb ramps shown on sheet 1 within the limits of payment are considered part of the curb ramp for payment, whether it is concrete curb, gutter, or combined curb and gutter.
17. Existing features that comply with applicable standards may remain in place unless otherwise shown on the plans.

**DETECTABLE WARNING MATERIAL**

19. Curb ramps must contain a detectable warning surface that consists of raised truncated domes containing in PROMA. The surface must contrast visually with existing surfaces, including side flares. Furnish and install an approved post-impact dark brown or dark gray detectable warning surface material adjacent to uncolored concrete, unless specified elsewhere in the plans.
21. Detectable warning surfaces must be firm, stable and slip resistant.
22. Detectable warning surfaces shall be a minimum of 5 feet in depth in the direction of pedestrian travel, and extend the full length of the curb ramp or the boarder where the pedestrian access route enters the street.
23. Detectable warning surfaces shall be located so that the edge nearest the curb line is at the back of curb and not more than 5 feet from the back of curb. Detectable warning surfaces may be curved along the corner radius.
24. Shaded areas on Sheet 1 of 4 indicate the approximate location for the detectable warning surface for each curb ramp type.