Curb ramps shall be located as shown on the plans, or as directed by the engineer. Surface texture of the ramp shall be 3000 CRI, ASTM Standard D422-80 (Reapproved 1988). Surface color of the ramp shall contrast with the adjacent walkway and be conveniently located. The detectable warning surface shall be located at the back of the curb. The normal ramp landing is 4" in depth and 4" minimum width.

NOTES:
1. Curb ramps are to be located as shown on the plans, or as directed by the engineer.
2. Surface texture of the ramp shall be 3000 CRI, conforming to ASTM Standard D422-80 (Reapproved 1988). Surface color of the ramp shall contrast with the adjacent walkway and be conveniently located. The detectable warning surface shall be located at the back of the curb. The normal ramp landing is 4" in depth and 4" minimum width.
3. Care shall be taken to ensure a uniform grade on the ramps, free of sag and short grade changes.
4. The length of the side flares shall be determined by the 1:12 (8.33%) max. slope and the height of the curb, with a maximum length of 10'; 12" sidewalk behind the ramp shall have a cross slope of 1:50 (2.0%) max.
5. Scored lines shall be spaced at 2" centers parallel to the floor on the side slopes and broomed transverse to the slope. Curb lines shall be scored parallel to the face of the curb with no wavy score marks.
6. Drainage structures shall not be placed in line with ramps nor hinder pedestrian traffic at intersections.
7. The curb ramp shall conform to the City of Memphis standard construction specifications. Any variation from this standard shall be in writing from the engineer or his designee. This standard conforms to ADA specifications.
8. The landing area at the foot of the curb ramp must be wholly contained within the projected curb lines. If landing area encroaches into vehicular traffic lanes, then two ramps shall be required.
9. Through the area of the ramp, the counter slope of the gutter shall be 1:20 and transitioned to match the normal gutter line profile on both sides of the ramp.

Design Standard

City of Memphis
Division of Engineering

Revisions:

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City Engineer: [Signature]

Date: 3/26/06

DWG. NO.: 7A