

Design Standards Letter

Letter Number: P-1996-05

Letter Date: 10/03/1996

Effective Date: 10/03/1996

Section/Plan No.: P608.00D, P608.10H, PM608.00A, PM608.10A

Subject: Revised Standard Plans (English and Metric) and revised D2 Sheet

Body

Enclosed is a listing of revised English and metric standard plans, with a brief description of each. These standard plans are effective with the January, 1996 bid opening. Standard plans 608.00D, 608.10H, M608.00A, and M608.10A will replace the special sheets referenced in General Letter No. 8, 1996.

Revised English Standard Plans:

Standard Plan 608.00D: Paved Approaches (2 sheets)

Sheet 1 of 2 and Sheet 2 of 2:

Revised extensively to meet ADA requirements.

Standard Plan 608.10H: Concrete Sidewalk and Curb Ramps (2 sheets)

Sheet 1 of 2 and Sheet 2 of 2:

Revised extensively to meet ADA requirements.

Standard Plan 616.10U: Traffic Control Devices (4 sheets)

Sheet 1 of 4:

Non-Portable Sign Mounting detail is revised to show "Road Work Ahead" instead of "Road Construction Ahead." Mounting height for portable signs other than regulatory and guide signs revised from 18" to 12".

Sheet 2 of 4:

Type I Channelizer/Marker Details are added. Minimum height of Speed Limit Assembly is revised from 5 feet to 7 feet. The table of radius, speed, and superelevation in the Advisory

Speed Plaque section is removed, and the accompanying note is revised to reflect this change.

Sheet 3 of 4:

Criteria for selection of appropriate work zone speed limit is changed from highway type (interstate, divided, or undivided) to posted speed limit. All information is consolidated into one charge. Notes concerning the posting of normal speed limits at the end of the work zone, covering or removing signs, and special activities within an established work zone are added. Notes defining interstate, divided, and undivided highways are removed. Some verbiage is changed in order to eliminate vague or misleading words. A note requiring deviations from the charge to be documented is added.

Sheet 4 of 4:

Warning sign WO20-1 has been replaced by WO21-4. The wording on this sign is revised from "ROAD CONSTRUCTION AHEAD" to "ROAD WORK AHEAD" and letter size is revised from 7C to 7D. The wording on guide sign GO20-1 has been revised from "ROAD CONSTRUCTION NEXT XX MILES" to "ROAD WORK NEXT XX MILES," sign size is revised from 60x36 to 60x24, area is revised from 15.00 sq ft to 10.00 sq ft, and letter size is revised from 6C to 5D. Guide sign GO20-2 is replaced by GO20-2a. The wording on this sign is revised from "END CONSTRUCTION" to "END ROAD WORK," sign size is revised from 60x24 to 48x24, and area is revised from 10.00 sq ft to 8.00 sq ft.

Revised Metric Standard Plans:

Standard Plan M608.00A: Paved Approaches (2 sheets)

Sheet 1 of 2 and Sheet 2 of 2:

Revised extensively to meet ADA requirements.

Standard Plan M608-10A: Concrete Sidewalk and Curb Ramps (2 sheets)

Sheet 1 of 2 and Sheet 2 of 2:

Revised extensively to meet ADA requirements.

Standard Plan M616.10B: Traffic Control Devices (4 sheets)

Sheet 1 of 4:

Non-Portable Sign Mounting detail is revised to show "Road Work Ahead" instead of "Road Construction Ahead." Mounting height for non-portable signs changed from 1.5 m min. and 1.8 m max. to 2.1 m min. and 2.4 m max, and for advisory speed plaques from 1.2 m min. and 1.5 m max. to 1.8 m min and 2.1 m max. Mounting height for portable signs other than regulatory and guide signs revised from 450 mm to 300 mm. Notes regarding mounting of

signs on movable barricades revised to require 2.1 m sign height in all situations, not just when channelizers are located in front of barricade. Note regarding signs on movable barricades now allows signs other than MO4-10(L-R) and R11-2 as specified.

Sheet 2 of 4:

Type I Channelizer/Marker Details are added. The table of radius, speed, and superelevation in the Advisory Speed Plaque section has been removed, and the accompanying note is revised to reflect this change.

Sheet 3 of 4:

Criteria for selection of appropriate work zone speed limit is changed from highway type (interstate, divided, or undivided) to posted speed limit. All information is consolidated into one chart. Notes concerning the posting of normal speed limits at the end of the work zone, covering or removing signs, and special activities within an established work zone are added. Notes defining interstate, divided, and undivided highways are removed. Some verbiage is changed in order to eliminate vague or misleading words. A note requiring deviations from the charge to be documented is added.

Sheet 4 of 4:

Warning sign WO20-1 has been replaced by WO21-4. The wording on this sign is revised from "ROAD CONSTRUCTION AHEAD" to "ROAD WORK AHEAD" and letter size is revised from 175C to 175D. The wording on guide sign GO20-1 has been revised from "ROAD CONSTRUCTION NEXT XX MILES" to "ROAD WORK NEXT XX MILES," sign size is revised from 1500x900 to 1500x600, area is revised from 1.35 sq m to 0.90 sq m, and letter size is revised from 150C to 125D. Guide sign GO20-2 is replaced by GO20-2a. The wording on this sign is revised from "END CONSTRUCTION" to "END ROAD WORK," sign size is revised from 1500x600 to 1200x600 and area is revised from 0.90 sq m to 0.72 sq m.