

Design Standards Letter

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Section/Plan No.: P612.10L, P903.60U, P605.10B, P606.00AG, P606.41A, P901.30B, P902.00G, PM612.10L, PM903.60U, PM605.10B, PM606.00AG, PM606.41A, PM901.30B, PM902.00G

Subject: Errata Corrections and Revised Standard Plans (English and Metric)

Body

The following is a listing of errata corrections as well as revised English and Metric standard plans with a brief description of each. These changes are effective with the April 1999 bid opening.

ENGLISH ERRATA CORRECTIONS

612.10L BARRICADES

Correctly designated signs mounted on barricades without detours. Accurately depicted barricade stripes as having the same width.

903.60U OVERHEAD SIGN TRUSSES - STRUCTURAL STEEL

Sheet 3 of 5

General note regarding payment for bolt down concrete footings removed.

REVISED ENGLISH STANDARD PLANS

605.10B PAVEMENT UNDERDRAINAGE

Sheet 1 of 2

Formerly 1 of 1. Drawing title changed to Pavement Underdrainage. Details of Class A underdrains reorganized. Obsolete pavement sections removed. Geotextile required for pipes or trenches.

Sheet 2 of 2

New sheet. Details for pipe aggregate edge drains and concrete splash pads added.

606.00AG GUARDRAIL

Sheet 2 of 8

Median bridge pier protection scheme changed to require a filled median graded to shoulder cross slope in order to more closely comply with NCHRP 350.

Sheet 3 of 8

Specific value of factory formed radius removed since actual field conditions require various radii.

Sheet 5 of 8

Post, block and hole punching details for steel blocks were removed since these blocks failed to meet the requirements of NCHRP Section 350 for Type E guardrail.

606.41A GUARD CABLE 3-STRAND

Sheet 1 of 4

Formerly 1 of 3. Median bridge pier protection scheme removed.

Sheet 2 of 4

New sheet. Added details for South Dakota type median bridge pier and median bridge opening protection.

Sheet 3 of 4

Formerly 2 of 3. Location of top cable hook of the roadside installation corrected to 3-1/2" below the top of the post. Cable spacing for median cable changed to 6" to more closely comply with the AASHTO Roadside Design Guide. Alternate cable retainers allowed for anchor post cable support.

Sheet 4 of 4

Formerly 3 of 3. Finished length of hooked anchor stud corrected to "variable as required". Hook is fabricated, within the given tolerances, from 25" stock resulting in a variable finished length. Details for cable transition bracket added.

901.30B BASE MOUNTED CONTROL STATION

General note allowing alternate cabinet dimensions added.

902.00G SIGNAL HEADS - LENSES - MOUNTING

Aluminum angle brackets removed from backplate details.

METRIC ERRATA CORRECTIONS

M612.10L BARRICADES

Correctly designated signs mounted on barricades without detours. Accurately depicted barricade stripes as having the same width.

M903.60U OVERHEAD SIGN TRUSSES - STRUCTURAL STEEL

Sheet 3 of 5

General note regarding payment for bolt down concrete footings removed.

REVISED METRIC STANDARD PLANS

M605.10B PAVEMENT UNDERDRAINAGE

Sheet 1 of 2

Formerly 1 of 1. Drawing title changed to Pavement Underdrainage. Details of Class A underdrains reorganized. Obsolete pavement sections removed. Geotextile required for pipes or trenches.

Sheet 2 of 2

New sheet. Details for pipe aggregate edge drains and concrete splash pads added.

M606.00AG GUARDRAIL

Sheet 2 of 8

Median bridge pier protection scheme changed to require a filled median graded to shoulder cross slope in order to more closely comply with NCHRP 350.

Sheet 3 of 8

Specific value of factory formed radius removed since actual field conditions require various radii.

Sheet 5 of 8

Post, block and hole punching details for steel blocks were removed since these blocks failed to meet the requirements of NCHRP Section 350 for Type E guardrail.

M606.41A GUARD CABLE 3-STRAND

Sheet 1 of 4

Formerly 1 of 3. Median bridge pier protection scheme removed.

Sheet 2 of 4

New sheet. Added details for South Dakota type median bridge pier and median bridge opening protection.

Sheet 3 of 4

Formerly 2 of 3. Location of top cable hook of the roadside installation corrected to 90 mm below the top of the post. Cable spacing for median cable changed to 150 mm to more closely comply with the AASHTO Roadside Design Guide. Alternate cable retainers allowed for anchor post cable support.

Sheet 4 of 4

Formerly 3 of 3. Finished length of hooked anchor stud corrected to "variable as required". Hook is fabricated, within the given tolerances, from 635 mm stock resulting in a variable finished length. Details for cable transition bracket added.

M901.30B BASE MOUNTED CONTROL STATION

General note allowing alternate cabinet dimensions added.

M902.00G SIGNAL HEADS - LENSES - MOUNTING

Aluminum angle brackets removed from backplate details.

by/jj