

# Design Standards Letter

**Letter Number: P-1998-05**

**Letter Date: 10/16/1998**

**Effective Date: 01/01/1999**

**Section/Plan No.: P504.00C, P609.40H, P806.10A, P903.06E, P903.10V, P903.12Q, P903.60U, P606.00AF, P612.10L, P613.00C, P614.11A, P616.10W, P619.10B, P903.04E, P606.41, PM504.00C, PM609.40H, PM806.10A, PM903.05E, PM903.06E, PM903.10V, PM903.12Q, PM903.60UPM606.00AF, PM612.10L, PM613.00C, PM614.11A, PM616.10W, PM619.10B, PM903.04E, PM606.41**

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

## Body

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

This publication of the revisions includes errata corrections as will subsequent versions. In the attachment, a plan classified as an errata correction will only include the sheets that are affected by the change. Revised standard plans, however, will continue to include all sheets.

## ENGLISH ERRATA CORRECTIONS

### **504.00C CONCRETE APPROACH PAVEMENT**

#### **Sheet 2 of 2**

Concrete sill detail corrected to depict correct shape and depth.

### **609.40H DRAIN BASIN, SHOULDER PAVING AND FILL SLOPE AT BRIDGE ENDS**

#### **Sheet 1 of 2**

Roadway width transition taper detail and general note corrected to represent both English and Metric standard. Type A curb sections corrected to show curb face slightly behind face of guardrail.

#### **Sheet 2 of 2**

Type A curb sections corrected to show curb face slightly behind face of guardrail.

### **806.10A TEMPORARY EROSION CONTROL MEASURES**

#### **Sheet 4 of 5**

"Transverse berm" corrected to "Interceptor berm".

### **903.06E TUBULAR SPAN SUPPORT-TYPE S- TWO TUBE**

Clearance dimension between gutter and tube span corrected to centerline of tube.

### **903.10V OVERHEAD SIGN TRUSSES-ALUMINUM**

#### **Sheet 1 of 6**

Minimum clearance dimension corrected to 17'-6".

#### **Sheet 4 of 6**

"H" dimension corrected to centerline of bottom chord. General note regarding payment for bolt down concrete footings removed. Sheet reference for alternate pedestal details corrected to 5 of 6.

#### **Sheet 5 of 6**

General note regarding payment for bolt down concrete footings removed.

### **903.12Q OVERHEAD SIGN TRUSSES-BUTTERFLY AND CANTILEVER - STRUCTURAL STEEL**

#### **Sheet 1 of 5**

Minimum clearance dimension corrected to 17'-6".

#### **Sheet 3 of 5**

General note regarding payment for bolt down concrete footings removed. Sheet reference for alternate pedestal details corrected to 4 of 5.

#### **Sheet 4 of 5**

General note regarding payment for bolt down concrete footings removed.

### **903.60U OVERHEAD SIGN TRUSSES - STRUCTURAL STEEL**

#### **Sheet 1 of 5**

Minimum clearance dimension corrected to 17'-6".

#### **Sheet 3 of 5**

General note regarding payment for bolt down concrete footings removed. Sheet reference for alternate pedestal details corrected to 4 of 5.

#### **Sheet 4 of 5**

General note regarding payment for bolt down concrete footings removed.

## **REVISED ENGLISH STANDARD PLANS**

### **606.00AF GUARDRAIL**

#### **Sheet 1 of 8**

References to setting 8' posts at foreslope breakpoint removed. All such installations are considered non-standard and should be approved through design exception.

#### **Sheet 4 of 8**

References to setting 8' posts at foreslope breakpoint removed. References and details of 6" x 6" timber block removed and replaced by 8" x 6" block in order to more closely comply with NCHRP 350.

#### **Sheet 5 of 8**

References to setting 8' posts at foreslope breakpoint removed.

#### **Sheet 8 of 8**

Limits of Types A, B, and E guardrail revised to extend beyond obstacle area.

### **612.10L BARRICADES**

Barrier mounts removed and replaced with notes requiring all mounts to comply with NCHRP 350. Detail for barricade with detour added. Detail for barricade without detour revised. Drawing title revised.

### **613.00C PAVEMENT REPAIR**

Type K longitudinal joint required for multilane repairs of lengths greater than 10'.

### **614.11A CURVED VANE GRATE AND FRAME**

Dimension table revised to include weights. Drawing title revised.

### **616.10W TRAFFIC CONTROL DEVICES**

#### **Sheet 1 of 4**

Notes added requiring NCHRP 350 compliance for various traffic control devices.

#### **Sheet 2 of 4**

Note added requiring NCHRP 350 compliance for tubular markers. All references to "flexible delineators" changed to "tubular markers".

### **619.10B PAVEMENT EDGE TREATMENT**

Removed option to place sign 22 at pavement edge differential greater than 4".

Added note limiting sign placement to specific area of project in which the pavement edge condition exists.

### **903.04E WEIGH STATION SIGNING**

Signing revised to meet current standards.

### **NEW ENGLISH STANDARD PLANS**

#### **606.41 GUARD CABLE 3-STRAND**

### **METRIC ERRATA CORRECTIONS**

#### **M504.00C CONCRETE APPROACH PAVEMENT**

##### **Sheet 2 of 2**

Concrete sill detail corrected to depict correct shape and depth.

#### **M609.40H DRAIN BASIN, SHOULDER PAVING AND FILL SLOPE AT BRIDGE ENDS**

##### **Sheet 1 of 2**

Roadway width transition taper detail and general note corrected to represent both English and Metric standard. Type A curb sections corrected to show curb face slightly behind face of guardrail.

##### **Sheet 2 of 2**

Type A curb sections corrected to show curb face slightly behind face of guardrail.

## **M806.10A TEMPORARY EROSION CONTROL MEASURES**

### **Sheet 4 of 5**

"Transverse berm" corrected to "Interceptor berm".

## **M903.05E TUBULAR SPAN SUPPORT-TYPE S- ONE TUBE**

Minimum clearance dimension corrected to 5.3 m.

## **M903.06E TUBULAR SPAN SUPPORT-TYPE S- TWO TUBE**

Clearance dimension between gutter and tube span corrected to centerline of tube.

## **M903.10V OVERHEAD SIGN TRUSSES-ALUMINUM**

### **Sheet 1 of 6**

Minimum clearance dimension corrected to 5.3 m.

### **Sheet 4 of 6**

"H" dimension corrected to centerline of bottom chord. General note regarding payment for bolt down concrete footings removed. Sheet reference for alternate pedestal details corrected to 5 of 6.

### **Sheet 5 of 6**

General note regarding payment for bolt down concrete footings removed.

## **M903.12Q OVERHEAD SIGN TRUSSES-BUTTERFLY AND CANTILEVER - STRUCTURAL STEEL**

### **Sheet 1 of 5**

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### **Sheet 3 of 5**

General note regarding payment for bolt down concrete footings removed. Sheet reference for alternate pedestal details corrected to 4 of 5.

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General note regarding payment for bolt down concrete footings removed.

## **M903.60U OVERHEAD SIGN TRUSSES - STRUCTURAL STEEL**

### **Sheet 1 of 5**

Minimum clearance dimension corrected to 5.3 m.

### **Sheet 3 of 5**

General note regarding payment for bolt down concrete footings removed. Sheet reference for alternate pedestal details corrected to 4 of 5.

### **Sheet 4 of 5**

General note regarding payment for bolt down concrete footings removed.

## **REVISED METRIC STANDARD PLANS**

## **M606.00AF GUARDRAIL**

### **Sheet 1 of 8**

References to setting 2438 mm posts at foreslope breakpoint removed. All such installations are considered non-standard and should be approved through design exception.

### **Sheet 4 of 8**

References to setting 2438 mm posts at foreslope breakpoint removed. References and details of 150 mm x 150 mm timber block removed and replaced by 200 mm x 150 mm block in order to more closely comply with NCHRP 350.

**Sheet 5 of 8**

References to setting 2438mm posts at foreslope breakpoint removed.

**Sheet 8 of 8**

Limits of Types A, B, and E guardrail revised to extend beyond obstacle area.

**M612.10L BARRICADES**

Barrier mounts removed and replaced with notes requiring all mounts to comply with NCHRP 350. Detail for barricade with detour added. Detail for barricade without detour revised. Drawing title revised.

**M613.00C PAVEMENT REPAIR**

Type K longitudinal joint required for multilane repairs of lengths greater than 3 m.

**M614.11A CURVED VANE GRATE AND FRAME**

Dimension table revised to include weights. Drawing title revised.

**M616.10W TRAFFIC CONTROL DEVICES**

**Sheet 1 of 4**

Notes added requiring NCHRP 350 compliance for various traffic control devices.

**Sheet 2 of 4**

Note added requiring NCHRP 350 compliance for tubular markers. All references to "flexible delineators" changed to "tubular markers".

**M619.10B PAVEMENT EDGE TREATMENT**

Removed option to place sign 22 at pavement edge differential greater than 100 mm.

Added note limiting sign placement to specific area of project in which the pavement edge condition exists.

**M903.04E WEIGH STATION SIGNING**

Signing revised to meet current standards.

**NEW METRIC STANDARD PLANS**

**M606.41 GUARD CABLE 3-STRAND**

by/jj

Attachments