

Design Standards Letter

Letter Number: **P-1992-03**

Letter Date: **08/18/1992**

Effective Date: **08/18/1992**

Section/Plan No.: **P502.00, P502.10, P606.00, P608.20, P617.00, P732.10, P902.30, P903.09, P203.61, P203.62, P203.63, P203.64, P203.65, P203.30, P203.31, P203.32**

Subject: **Standard Plans Revisions and Revised D-2 Sheet**

Body

Std. Dwg. 502.00N: Drawing has been transferred to CADD and divided into two sheets for clarity. A table was added for required dowel, tie bar, and wire fabric sizes and spacings based on slab thickness. Details were revised based on data shown in the added table.

Std. Dwg. 502.10F: Drawing was revised to include tied reinforced PCC shoulder when defining limits of dowel supporting unit placement. The table showing dowel bar size and length was revised for slab thicknesses of 10 inches or less and for slab thicknesses greater than 10 inches.

Std. Dwg. 606.00Y: Sheet 1 of 6. Called out centerline median on detail "Pier at centerline of Median".

Sheet 2 of 6. No revisions

Sheet 3 of 6. No revisions

Sheet 4 of 6. Added detail for 3"x1 3/4"x 3/16" Plate washer for use between the head of the 5/8 inch post bolt and the W-beam. The 3" x 1 3/4" x 3/16" washer is to be used on Post 1 and Post 2.

Sheet 5 of 6. Revised general notes to require that steel tube foundations be drilled.

Sheet 6 of 6. No revisions

Std. Dwg. 608.20D: Drawing has been transferred to CADD. "Railing Details" title has been revised to "Handrail Details" and the handrail has been modified. The General Notes have been revised to include a note requiring handrail on both sides of steps. The table of "Step Dimensions" has been revised by deleting the 1:1 slope step (8 in. rise and 8 in. tread). The quantity tables have also been revised to delete Quantity Data for 1:1 Slope steps

Std. Dwg. 617.00X: Sheet 1 of 3: The general notes have been revised to require that dowels be epoxy coated. A general note was added that requires cast-in-place or extruded concrete traffic barrier to be used for permanent installations, and that precast concrete traffic barriers be used only for temporary installations.

Sheet 2 of 3: No Revisions

Sheet 3 of 3: No Revisions

Std. Dwg. 732.10: Std. Drg. 732.10 is a new drawing that is being implemented as a result of FHWA requirements that drainage pipes that fall inside the clear zone have safety end treatment to eliminate vehicle snagging.

End sections with two types of safety treatment for 3:1, 4:1, and 6:1 slopes have been developed.

Std. Dwg. 902.30H: Drawing has been transferred to CADD. The drawing was revised to provide a table of data and notes for imbedding concrete traffic signal bases in solid rock.

Std. Dwg. 903.09D: The drawing was revised to provide pole and bracket cable instead of conductor cable on horizontal members of truss or catwalk.

Standard Plans Letter No. 1 1992 dated December 4, 1991 implemented new Standard Drawings 203.61, 203.62, 203.63, 206.64 and 203.65 for driveways. Entrances and Approaches Standard Drawing Nos. 203.30A, 203.31B, and 203.32D are now being deleted from the revised D-2 sheet.

vij/kd