

Design Standards Letter

Letter Number: G-1963-21

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Effective Date: 10/01/1963

Section/Plan No.: None

Subject: Standard Drawings Traffic Signals

Body

ALL DIVISION, DISTRICT AND URBAN ENGINEERS

We are furnishing you under separate cover several 8 1/2" x 11" copies of the following revised standard drawings for traffic signals.

Standard 71.00. Handholes, Controller Base, Power Supply; has been revised to eliminate grouting under the iron base for signal post and to change the location of conduit in paved medians from the center to the one-quarter point.

Standard 71.01. Signal Heads, Lenses, Mountings has been revised to require the use of banded or strapped metal clamps in lieu of ornamental clamps and to delete the terminal compartments for one way faces.

Standard 71.03. Tubular Steel Posts, types B and C2 has been revised to require that signal heads be installed vertically in lieu of on a 30° inclination and to add the 42" and 48" dimensions to the sign bracket assembly.

Standard 71.06. Tubular Steel Post (Span Type). The use of span type posts has been discontinued and they have, therefore, been deleted from this standard. New standard 71.06 now provides for the Type C3 and C4 traffic signal sign posts for use of lane control signs.

Standard 71.07. Signal Detectors has been revised to include Induction Loop Detectors and to require aluminum in lieu of bituminous conduit for Non-Compensated magnetic detectors. Revised standard 71.07 now consists of two sheets.

These revised standard drawings will be included in all future contracts where applicable, beginning with the October 1963 letting.

We are also furnishing the districts with several copies of new warrant forms for traffic signals, tables for determining conduit size, new and revised work sheets (SP 36 through SP 39) and revised special provisions for traffic signals. The new warrant forms are to be used

for all future warrants for traffic signals that have not been submitted to this office. The revised work sheets, SP 36 through SP 39 are to be used in all plans where applicable beginning with the October 1963 letting. The revised special provisions for signals will be included in all future contracts where applicable beginning with the October 1963 letting. It should be noted that pay items have been revised to take into account any new items.

That portion of section 15 of the Design Manual covering signals has been revised to include all of the above revisions. The revised Design Manual pages will be furnished you by September 3, 1963.

Additional copies of any of these documents will be furnished upon request.

R. N. Hunter
Engineer of Surveys and Plans