

NO. 1 2012 ORIGINAL ISSUE - NEW DRAWING

DESCRIPTION OF REVISIONS

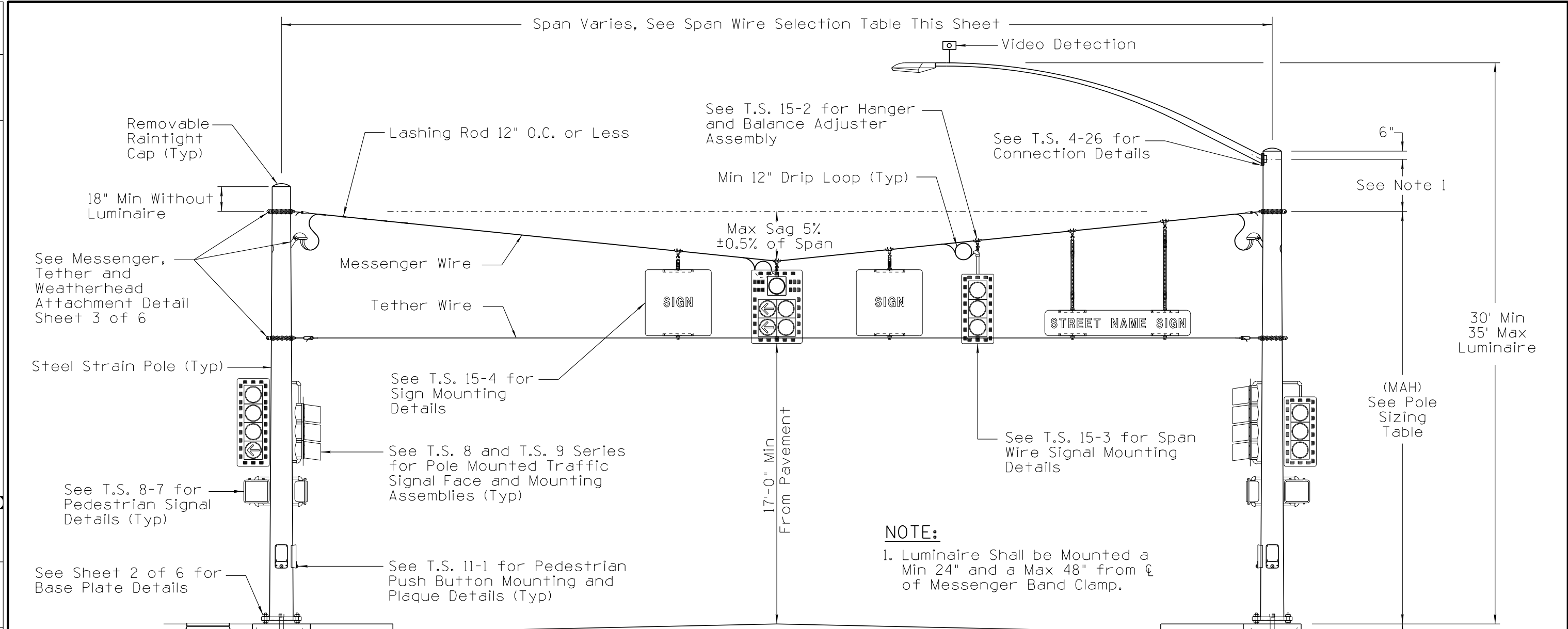
NO.	DATE	MADE BY
3	01/12	C. COLE
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DESCRIPTION OF REVISIONS

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DATE

NO.



**NOTE:**  
 1. Luminaire Shall be Mounted a Min 24" and a Max 48" from  $\phi$  of Messenger Band Clamp.

SPAN WIRE SELECTION TABLE		
SPAN LENGTH (ft)	WIRE SIZE (inch)	WIRE GRADE
0-60	7/16	High-Strength
61-100	9/16	High-Strength
101-140	5/8	High-Strength
141-180	5/8	High-Strength
Tether	1/4	Utility Grade 7 Wire

MAXIMUM NO. OF SIGNALS		
SPAN LENGTH (FT)	SIGNAL TYPE	
	F/R HEAD *	Q-2 HEAD **
0-60	2	1
61-100	2	2
101-140	4	2
141-180	4	1

\* As Served by a 4 Conductor IMSA Cable  
 \*\* As Served by a 7 Conductor IMSA Cable

POLE SIZING TABLE						
SPAN LENGTH (FT)	MESSENGER WIRE ATTACHMENT HEIGHT (MAH)					
	26	28	30	32	34	36
0-60	PS1	PS1	PS2	PS2	PS2	PS2
61-100	PS3	PS3	PS3	PS4	PS4	PS4
101-140	PS4	PS5	PS5	PS5	PS6	PS6
141-180	PS5	PS5	PS6	PS6	PS6	PS6

See T.S. 1 Series for Conduit and Pull Box Installation Details (Typ)

See Sheet 2 of 6 for Base Plate Details

See T.S. 8-7 for Pedestrian Signal Details (Typ)

Steel Strain Pole (Typ)

See Messenger, Tether and Weatherhead Attachment Detail Sheet 3 of 6

18" Min Without Luminaire

Removable Raintight Cap (Typ)

See T.S. 15-4 for Sign Mounting Details

See T.S. 8 and T.S. 9 Series for Pole Mounted Traffic Signal Face and Mounting Assemblies (Typ)

See T.S. 11-1 for Pedestrian Push Button Mounting and Plaque Details (Typ)

See T.S. 15-2 for Hanger and Balance Adjuster Assembly

Min 12" Drip Loop (Typ)

Max Sag 5%  $\pm$ 0.5% of Span

See T.S. 4-26 for Connection Details

See T.S. 15-3 for Span Wire Signal Mounting Details

See Note 1

30' Min  
35' Max Luminaire

(MAH)  
See Pole Sizing Table

Foundation Varies  
See Sheet 2 of 6

STEEL POLE SPAN WIRE SIGNAL

NOT TO SCALE

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	SPAN WIRE SIGNALS AND LIGHTING STEEL POLE TYPICAL DETAILS	DRAWING NO. T.S. 15-1
		SHEET NO. 1 OF 6