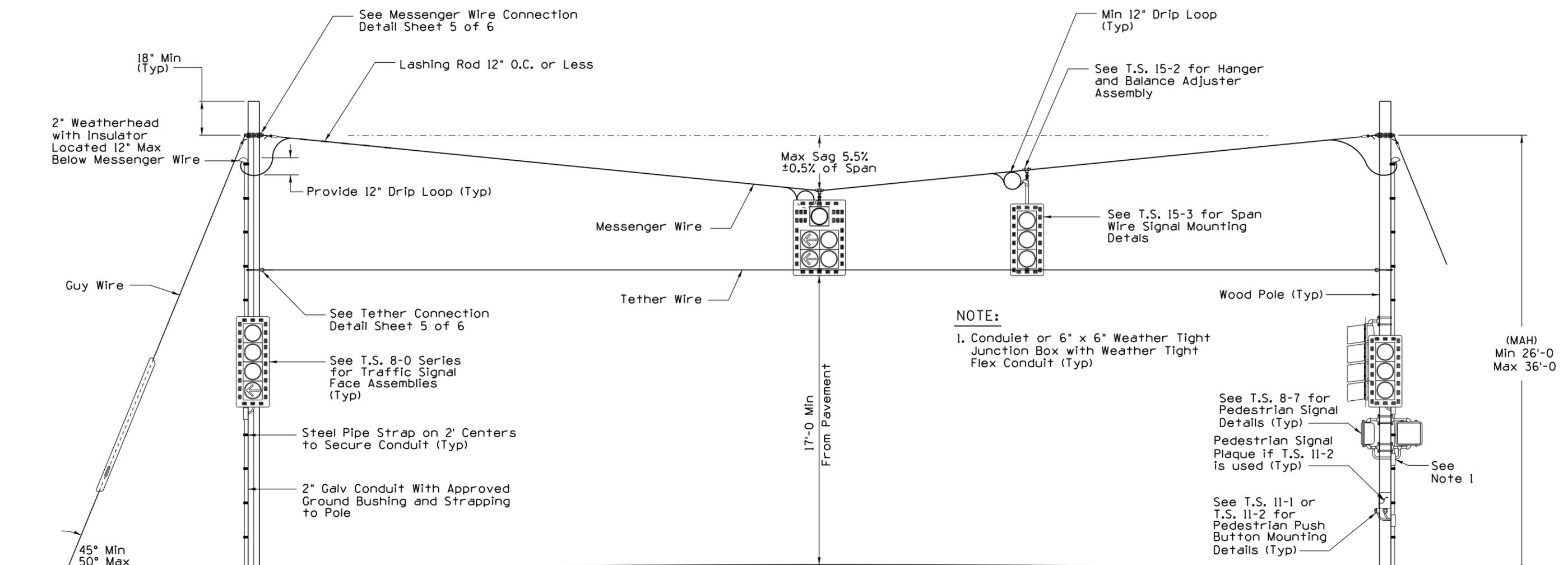


Note to Designer: The information presented in this Standard Drawing has been prepared in accordance with recognized engineering principles and is for general use. It should not be used for specific application without competent professional examination and verification of its suitability and applicability by a licensed professional engineer. Comments within the inner border line shall not be altered.



NOTE:
 1. Conduit or 6" x 6" Weather Tight Junction Box with Weather Tight Flex Conduit (Typ)

MESSENGER, GUY & TETHER WIRE SELECTION			
SPAN LENGTH (FT)	MESSENGER WIRE SIZE * (IN)	GUY WIRE SIZE * (IN)	TETHER WIRE SIZE ** (IN)
0-80	9/16	5/8	1/4
81-120	5/8	5/8	1/4

* Messenger and guy cables are high-strength grade 7-wire
 ** Tether wire shall be utility grade 7-wire

WOOD POLE SELECTION	
SPAN LENGTH (FT)	POLE CLASS
0-80	H-1
81-120	H-2

MAXIMUM NUMBER OF SIGNALS		
SPAN LENGTH (FT)	SIGNAL TYPE	
	F/R HEAD	Q-2 HEAD
0-80	1 #	2 **
81-120	2 #	2 **

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

The use of this standard drawing on projects on the National Highway System (NHS) is not allowed, as this structure was not designed using the 2013 AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, 6th Edition, (2013) (LTS-6). For use on the NHS, manufacturers shall design the structure per the requirements of LTS-6.

WOOD POLE SPAN WIRE SIGNAL

STANDARDS ENGINEER A. ALZUBI	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION TRAFFIC SIGNAL & LIGHTING STANDARD DRAWING	
RECOMMENDED FOR APPROVAL GROUP MANAGER M. HANNA	SPAN WIRE SIGNALS AND LIGHTING WOOD POLE TYPICAL DETAILS	DRAWING NO. T.S. 15-1 (4 OF 6)
APPROVED STANDARDS COMMITTEE APPROVED FOR DISTRIBUTION		DATE 04/19

PRIOR DISTRIBUTION DATE 01/12