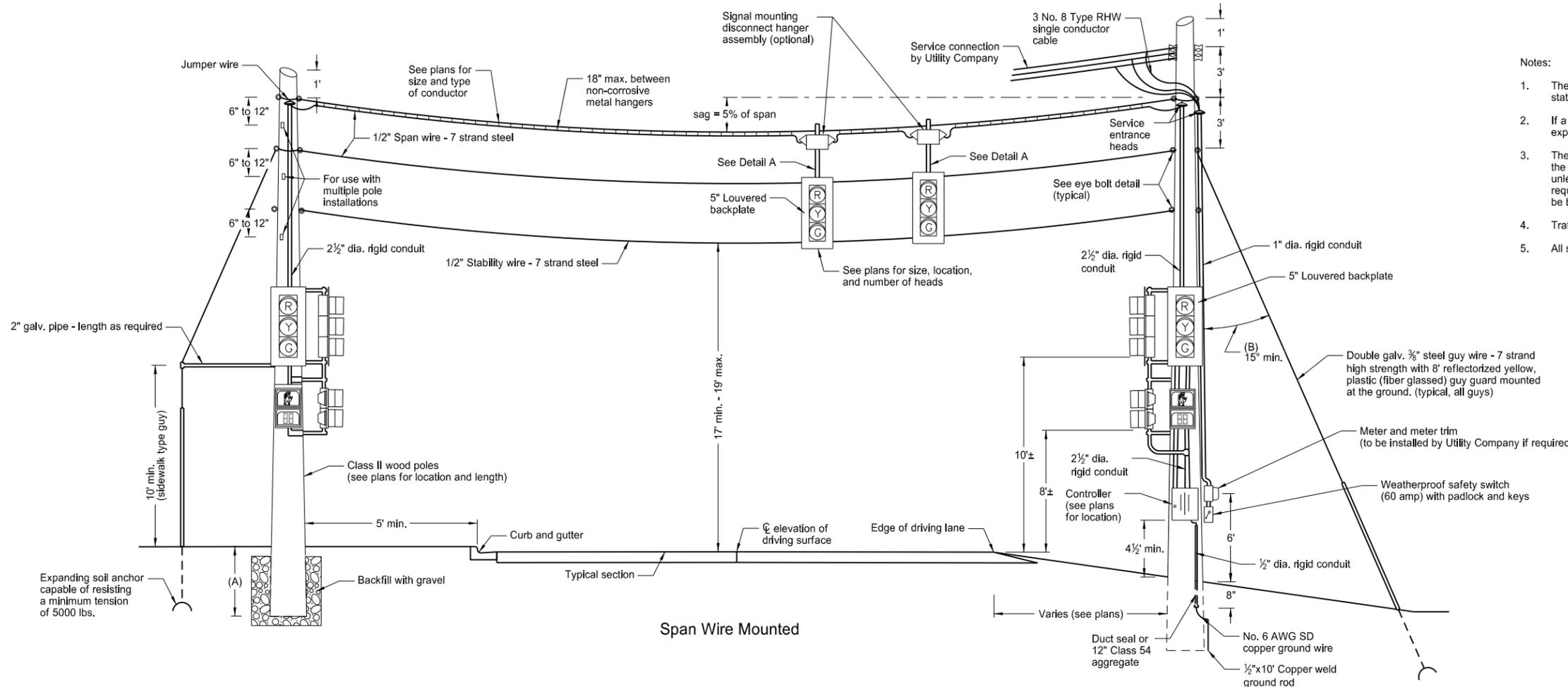


SPAN WIRE MOUNTED TRAFFIC SIGNALS

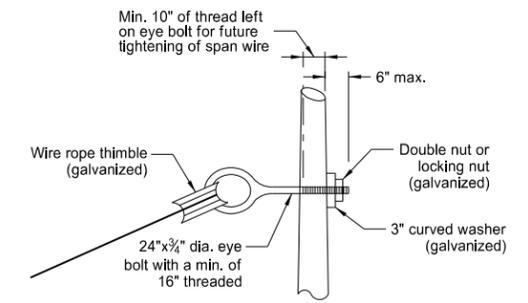
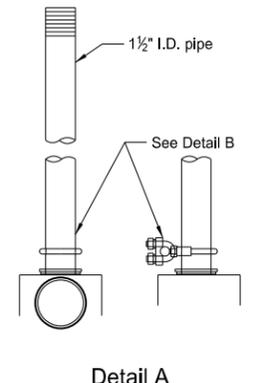
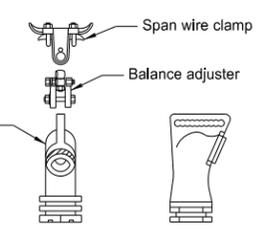
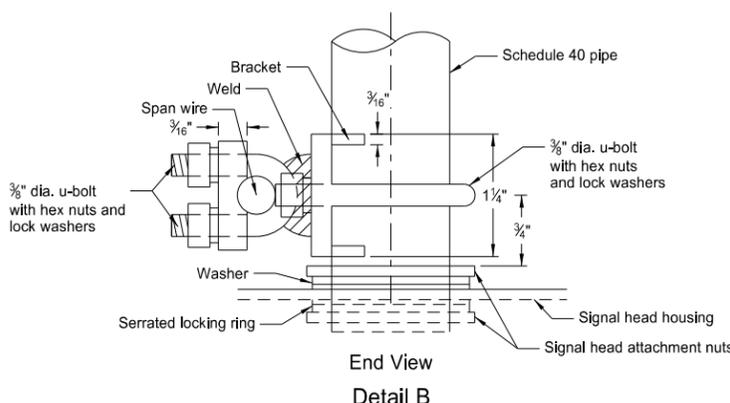
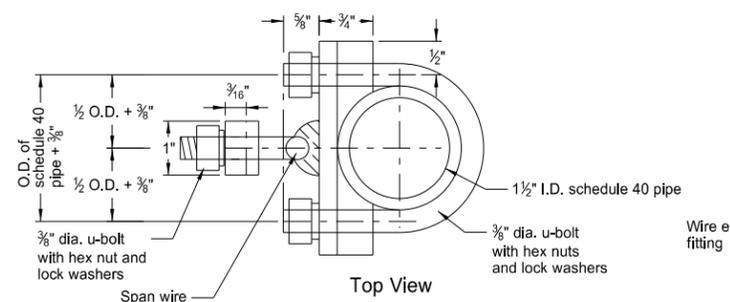
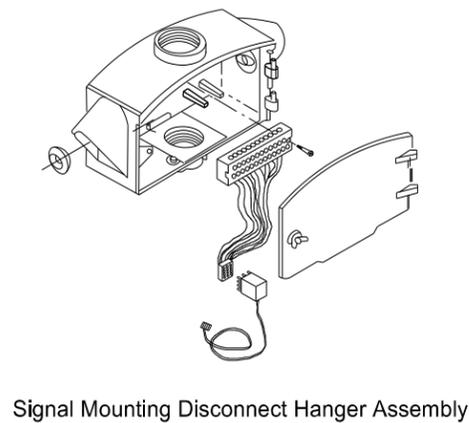
D-772-6



- Notes:
1. The span wire mounted traffic signals shall meet the requirements as stated in the Standard Specifications Section 772 and 896.
 2. If a guy wire angle of less than 45° is used, the capability of the expanding soil anchor to resist tensions on site must be increased.
 3. The contractor shall maintain the required 17 to 19 ft. signal height over the roadway for a minimum period of 90 calendar days after installation, unless written permission is granted the engineer to waive the 90 day requirement. The cost of maintaining the signal head elevation shall not be bid separately but shall be included in the price bid for interim signals.
 4. Traffic signal controller shall be operated on 120 volts.
 5. All span wire and stability wire shall have thimble type connections.

Length of pole (ft)	Depth of pole min. (ft)
35	6
40	6
45	6.5
50	7
55	7.5

Angle	Anchor Resistance min.
30°	12,000 lbs.
15°	24,500 lbs.



NORTH DAKOTA DEPARTMENT OF TRANSPORTATION	
2-28-14	
REVISIONS	
DATE	CHANGE
7-8-14	Title change, span wire size and sag

This document was originally issued and sealed by
Roger Weigel,
 Registration Number
PE-2930,
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 North Dakota Department
 of Transportation