

Combination Signal and Light Standard					
Signal Standard Type	Luminaire Mounting height (ft)	Install Light Standard Extension and Luminaire	Luminaire Mast Arm		
A	30	yes	single		
В	30	(A)	single		
С	40	yes	single		
D	40	(A)	single		
E	30	yes	twin		
F	30	(A)	twin		
G	40	yes	twin		
Н	40	(A)	twin		
	50	yes	single		
J	50	yes	twin		

(A) Install the light standard extension for these signal standards at a later date under a separate contract.

Notes:		
Light standard extension:	Mast arm is 6 ft. unless otherwise noted on the plans. Use light standard extension galvanized in accordance with ASTM A 123.	
Luminaire:	Use internal ballast - constant wattage 120 x 240 voltage luminaires. See layout sheets for type of luminaire, wattage, and I.E.S. distribution.	
Signal head:	See Traffic Signal Layout for correct mounting position, number, size, and arrangement of lenses. Place mast arm mounted signal heads with a clearance between 17 ft. and 19 ft. from the \textcircled{e} of the roadway to the bottom of signal heads.	
Multi-sided poles:	Provide a means, other than friction, that will not allow the mast arm to be rotated by wind forces. Fabricate the pole so the mast arm is rotatable. Thi feature to be as approved by the Engineer.	

	NORTH DAKOTA DEPARTMENT OF TRANSPORTATION			
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