

## Specifications Variable Message Sign

Reqn # : 904 – 991129  
SNAP # : 1420291

Display Technology: High-intensity LED  
Cabinet Access: Front Access  
Dimensions: 7' 11" H x 21' 6" W x 1' 2" D (2.39 m x 6.55 m x 0.34 m) (Approximate)  
Operating Temperature Range: -40° F to +140° F (-40° C to +60° C)  
Humidity Range: 0 to 99%, Non-condensing  
Ventilation: Forced Air Ventilation System  
Controller Location: Sign Cabinet or Equipment Cabinet  
Cabinet Enclosure: NEMA 3R – Pole Mounted  
Display Type: Full Matrix  
Active Area: 5'11" H x 19'6" W (1.78 m x 5.94 m)  
Border Width: 12" H x 12" W (304.8 mm x 304.8 mm)  
Pixel Matrix: 27 rows x 90 columns  
Pixel Pitch: 2.6" (66 mm)  
Character Size: 18" (457.2 mm)  
Viewing Distance: 900 feet (274 meters) using 18" characters  
Sign Intensity: 9,200 candelas/m<sup>2</sup> minimum  
LED Color: Amber (591nm ± 4nm)  
Power Requirements: 120/240 VAC, single-phase power (3 wire plus ground)  
Communications Protocol: NTCIP  
Communications Options: Dial-up, Cellular, Fiber, Ethernet, Direct and Radio  
Structural Design Standard: AASHTO, 4th Edition  
Welding Standard: AWS D1.2  
NEMA Standards: NEMA TS-4 Section 2 Environmental Requirements  
Fiber Optic Cable: 120 Feet  
Warranty: 1 Year (Parts)  
On-site VMS Installation Support: 1 Technician for 2 Days  
Sign must be compatible with existing software:  
Siemens ITS ISign Dynamic Message Sign Control System