

# Section 681—Lighting Standards and Luminaires

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## 681.1 General Description

This work includes furnishing and installing lighting standards and luminaires for roadway and highway structure lighting systems, either complete or as indicated on the Plans.

### 681.1.01 Definitions

General Provisions 101 through 150.

### 681.1.02 Related References

#### A. Standard Specifications

[Section 680—Highway Lighting](#)

[Section 920—Lighting Standards and Towers](#)

[Section 921—Luminaires](#)

#### B. Referenced Documents

General Provisions 101 through 150.

### 681.1.03 Submittals

Refer to [Subsection 680.1.03](#).

## 681.2 Materials

Use materials that meet the requirements of [Subsection 680.2](#) and the following:

Material	Specification
Lighting Standards and Towers	<a href="#">Section 920</a>
Luminaires	<a href="#">Section 921</a>

### 681.2.01 Delivery, Storage, and Handling

General Provisions 101 through 150.

## 681.3 Construction Requirements

### 681.3.01 Personnel

General Provisions 101 through 150.

### 681.3.02 Equipment

General Provisions 101 through 150.

### 681.3.03 Preparation

General Provisions 101 through 150.

### 681.3.04 Fabrication

General Provisions 101 through 150.

### 681.3.05 Construction

Perform construction according to [Subsection 680.3.05](#).

### 681.3.06 Quality Acceptance

Refer to [Subsection 680.3.06](#).

### 681.3.07 Contractor Warranty and Maintenance

General Provisions 101 through 150.

## 681.4 Measurement

Measurement and payment will conform to [Subsection 680.4](#).

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### 681.4.01 Limits

General Provisions 101 through 150.

### 681.5 Payment

Payment will be made under:

Item No. 681	Lighting standard—aluminum ____MH post top	Per each
Item No. 681	Lighting standard—aluminum ____MH ____arm	Per each
Item No. 681	Lighting standard—steel ____MH post top	Per each
Item No. 681	Lighting standard—steel ____MH ____arm	Per each
Item No. 681	Lighting standard—prestressed concrete ____MH post top	Per each
Item No. 681	Lighting standard—prestressed concrete ____MH ____arm	Per each
Item No. 681	Lighting standard _____MH post top	Per each
Item No. 681	Lighting standard _____MH ____arm	Per each
Item No. 681	Transformer base—aluminum ____in (mm)	Per each
Item No. 681	Luminaire (description)	Per each

### 681.5.01 Adjustments

General Provisions 101 through 150.