

MICHIGAN
DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISIONS
FOR
LIGHTNING PROTECTION HANDHOLE

SIG:HJK

1 of 1

APPR:EMS:TEB:04-10-25
FHWA:APPR:04-14-25

a. Description. This work consists of furnishing necessary hardware and materials for lightning protection handholes for use in traffic signal construction.

b. Materials. Furnish a straight walled handhole box and cover in accordance with subsection 918.06 of the Standard Specifications for Construction, or of the following material and characteristics.

1. Plastic composite straight walled handhole with a:
 - A. Length and width of 12 inches.
 - B. Height of 12 inches.

Furnish a cover with a co-efficient of friction of at least 0.5. Ensure the cover is fastened with a minimum of two stainless steel bolts, washers and nuts.

Ensure handhole box and cover comply to a minimum of *ANSI/SCTE-77, Tier 15* rating.

c. Construction. Complete this work in accordance with section 818 of the Standard Specifications for Construction, as shown on the plans and as directed by the Engineer.

d. Measurement and Payment. The completed work, as described, will be measured and paid for at the contract unit price using the following pay item:

Pay Item	Pay Unit
Hh, Lightning Protection	Each

Hh, Lightning Protection includes material and construction for lightning protection handhole, cover, necessary hardware, connectors, fittings, and all material necessary to complete the work.