

MICHIGAN
DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION
FOR
CONDUIT ENTRY INTO EXISTING HANDHOLE

UNIV:SRP

1 of 1

APPR:EG:MS:05-18-21

a. Description. This work consists of installing new conduit into an existing handhole.

b. Materials. Furnish materials in accordance with section 818 of the Standard Specifications for Construction.

c. Construction.

1. Expose the outside of the existing handhole at the point where the proposed conduit enters. Do not interfere with existing cabling/system inside.

2. Use rebar detector for reinforced concrete handhole(s) and mark the location of reinforcing bar in the wall to be penetrated.

3. Perforate the side wall of the handhole at the point where the conduit is to enter. Remove concrete by cutting, chiseling, or core drilling. Do not damage existing conduits, cables, reinforcing bars, or the box. Protect the cables inside the handhole during this operation.

4. Wash the perforated area with pressurized water and dry with compressed air.

5. Position new conduits and apply an approved concrete bonding compound on the exposed concrete surfaces.

6. Place grout in all open spaces around the conduit to prevent dirt and water entry into the handhole.

7. Backfill and restore the area around the box in accordance with section 818 of the Standard Specifications for Construction.

8. Do not damage any part or equipment during installation. Ensure damaged parts or equipment are replaced at no additional cost to the contract.

d. Measurement and Payment. This work is included in the contract unit prices for the installation of conduit. The completed work will not be paid for separately.