

X1400450 REBUILD EXISTING HEAVY DUTY HANDHOLE (LCDOT)

Effective: January 11, 2010

Revised: November 15, 2022

LC814.02

Description: This work shall consist of adjusting an existing heavy-duty handhole to bring the frame to the proposed grade at the locations shown on the plans or as directed by the Engineer.

General: The work shall be performed according to Section 603 and Section 814 of the "Standard Specifications", and the following:

1. Excavate the area adjacent to each side of the handhole to allow forming.
2. Remove the handhole frame and cover. Remove the existing walls of the handhole to a depth of 8" below the proposed finished grade.
3. Drill eight, 3/4" diameter holes, 6" in deep into the remaining concrete. Drill 2 holes on each of the four handhole walls.
4. Install a 12" long section of #5 reinforcement bar, epoxy coated, in each drilled hole. The bars shall be installed with an approved masonry epoxy from the Approved List of Chemicals Adhesives (IDOT Bureau of Materials and Physical Research).
5. Form and place the new portions of the handhole walls. Replace the steel hooks as required.
6. Reinstall the handhole frame and cover.

All concrete debris shall be disposed of outside the County right-of-way according to the requirements of Article 202.03 of the "Standard Specifications".

Basis of Payment: This work will be paid for at the contract unit price per each for REBUILD EXISTING HEAVY DUTY HANDHOLE. *The unit price shall include all labor materials and equipment required to perform the work. No additional compensation will be allowed for multiple adjustments to the same structure.*