
CITY OF CHICAGO

RULES



Demolition by Implosion

Chicago Department of Transportation

BY AUTHORITY VESTED IN THE COMMISSIONER OF TRANSPORTATION PURSUANT TO SECTION 2-30-030 OF THE MUNICIPAL CODE OF CHICAGO, THE FOLLOWING RULES REGARDING DEMOLITION BY IMPLOSION ARE ADOPTED HEREIN.



Gia Biagi
Commissioner
Chicago Department of Transportation

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Effective Date

RULES REGARDING DEMOLITIONS BY IMPLOSION

Rule No. 1. For purposes of these Rules, the following definition shall apply:

- (a) "Applicant" means any person that intends to use explosives to demolish a building or other structure by means of implosion.
- (b) "Code" means the Municipal Code of Chicago.
- (c) "Department" means the Chicago Department of Transportation.

Rule No. 2. In addition to all other application requirements provided in the Code, including Section 15-4-311, and rules promulgated thereunder, an applicant must apply to the Department's Division of Infrastructure Management, Office of Underground Coordination (OUC), and undertake the following steps, at least 90 days prior to the demolition by implosion date.

- (a) Applicant must submit an application for Information Retrieval (IR) to identify underground utilities at the site of the implosion. The applicant must allow a minimum of 30 days for utility owners to respond.¹ After receiving the IR response, the applicant shall create a design drawing that includes all utilities, bridge structures, waterways, public right of ways, state or county highways, and railroad right of ways within the implosion area.
- (b) Applicant must submit the design drawings to the Department for a geotechnical review.²
- (c) In accordance with the geotechnical reviewer's instructions, the applicant must submit an application for Existing Facilities Protection (EFP) review. EFP reviews require at least 30 days from the application submission date to be completed. Applicant must receive OUC approval to proceed with implosion. During implosion activity, applicant must abide by all EFP reviewer comments and geotechnical vibration monitoring requirements.³

Rule No. 3. The applicant must provide the following documents to the Department's Division of Infrastructure Management, Public Way Permit Office at least 30 days prior to the demolition by implosion date.

- (a) Maintenance of Traffic (MOT) plan identifying the placement of traffic control devices and the re-routing of traffic. The MOT shall be used to ensure Chicago

¹ For more information on the IR process, please visit https://www.chicago.gov/city/en/depts/cdot/supp_info/ouc--informationretrievalprocess.html.

² For more information on the geotechnical reviews, please visit https://www.chicago.gov/content/dam/city/depts/cdot/permit/general/Deep_Foundation-Excavation_Review.pdf.

³ For more information on the EFP process, please visit https://www.chicago.gov/city/en/depts/cdot/supp_info/ouc--existing_facilityprotectionefpprocess.html.

Police Department (CPD) Special Services Division personnel are allocated to assist with street closures.

- (b) Public transit coordination plan, approved by the Chicago Transit Authority (CTA), demonstrating that all bus and train services impacted by approved street closures have been re-routed.
- (c) Right of way impact plan demonstrating which State of Illinois and Cook County right of ways, highways, rail right of way, and waterways the applicant's approved street closures encroach upon. The applicant must also obtain approval from the impacted State and County agencies to proceed with the demolition by implosion.

Rule No. 4. Following OUC approval and review of required documents, including those described in Rule 3, Applicant shall contact the Department's Division of Infrastructure Management Permit Office to obtain the necessary permits. Permits related to demolition by implosion may include CDOT Truck, Opening, and Occupy permits.⁴ Following permit approval, the applicant shall contact 811 Chicago for utility locates in accordance with Code Section 10-21 prior to the implosion date. Applicant is responsible for locating all privately-owned utilities at the implosion site prior to the implosion.⁵

Rule No. 5. The applicant shall execute a reimbursement agreement in a form required by the city, that requires the applicant or owner to reimburse the city for all costs associated with the demolition, including but not limited to personnel time, street sweeping costs, and all other costs incurred by the city. The Department, at the discretion of the Commissioner, may require the posting of a letter of credit prior to the implosion.

Rule No. 6. Any application, plan, and documentation required to be submitted to the Department under any provision of these Rules shall be complied by submitting such application, plan or documentation to the Office of Emergency Management and Communications.

⁴ A Truck permit may be required for the applicant to transport explosives. An Opening permit may be required if the applicant intends to disturb the surface of the public way. An Occupy permit may be required if the applicant intends to park work vehicles in, or otherwise impede, the public way. For more information on CDOT permits, please visit <https://ipi.cityofchicago.org/Permits>. In addition to CDOT permits, the applicant may be required to obtain permits from the City of Chicago, Department of Buildings and impacted State of Illinois and Cook County agencies.

⁵ For more information on 811 Chicago, please visit <https://ipi.cityofchicago.org/Digger>.