

Michigan Damage Prevention Board

Best Practice 2016-02

Large Project Staking

MDPB Best Practice

1. Excavator notifies MISS DIG 811 and identifies to MISS DIG 811 that this ticket is an “ongoing project”.
 - Subcontractors are required to call in separate ticket for their excavations
2. The locator receives the ticket and stakes the whole scope of the ticket by the due date or by a mutually agreed upon timeframe.
 - Note: Offset marks may be used to help the excavator maintain knowledge of facilities in the area.
 - Note: Excavator makes every attempt to maintain the markings.
 - Note: If the scope of the project is not clear the locator calls excavator for clarification.
3. When / If the marks are “destroyed” or there is an “unmarked facility”, the excavator notifies MISS DIG 811 for a retransmit of that ticket.
 - Note: The exact location of the “destroyed markings” or the “unmarked facility” is identified/added in the Retransmit/Cancel Info field of the retransmitted ticket. The specific utilities that are needed for remarking the location should be included in the Retransmit/Cancel Info field. Utilities are not required to restake entire project after original staking is completed (except for specific locations due to additional assistance or destroyed marks.)
4. Locator receives the retransmitted ticket and locates what is specified in the Retransmit/Cancel Info field on the retransmitted ticket within the specified timeframe.

Specified timeframe per PA174:
Unmarked facility = 3 business hours
Additional Assistance (with an unfound, marked utility line) = 3 business hours
Destroyed Marks = 24 business hours
5. Upon completion: Locator updates positive response and puts detailed remarks of what was located and when on the retransmitted ticket in his ticket management system and this documentation is available upon request.

PA174 References

460.725 Section 5 (3) A ticket is valid for 21 days from the start date of the excavation or blasting on the ticket as identified by the excavator, except that a ticket is valid for 180 days from the start date if the dig notice indicates that the proposed excavation or blasting will not be completed within 21 days from the start date.

The MDPB Best Practices are presented as a general guide. The MDPB encourages all users to consult and consider not only the MDPB Best Practices, but also (i) employer practices, (ii) industry practices, (iii) federal and state statutes and regulations, (iv) building and fire codes, and (v) local laws, regulations, and ordinances.

Michigan Damage Prevention Board

Best Practice 2016-02

Large Project Staking

PA174 References (continued)

460.725 Section 5 (5) Except as otherwise provided in this subsection, before blasting or excavating in a caution zone, an excavator shall expose all marked facilities in the caution zone by soft excavation. If conditions make complete exposure of the facility impractical, an excavator shall consult with the facility owner or facility operator to reach agreement on how to protect the facility. For excavations in a caution zone parallel to a facility, an excavator shall use soft excavation at intervals as often as reasonably necessary to establish the precise location of the facility. An excavator may use power tools and power equipment in a caution zone only after the facilities are exposed or the precise location of the facilities is established.

460.725 Section 5 (7) An excavator shall provide notification to the notification system if facility markings are destroyed or covered by excavation or blasting activities or if a ticket expires before the commencement of excavation. If a ticket expires before the commencement of excavation, an excavator shall provide a new dig notice to the notification system, and comply with subsection (1).

460.725 Section 5 (8) An excavator shall provide notification to the notification system requesting additional assistance if the location of a marked facility within the approximate location cannot be determined.

460.725 Section 5 (9) An excavator shall provide immediate additional notice to the notification system and stop excavation in the immediate vicinity if the excavator has reason to suspect the presence of an unmarked facility due to any 1 of the following:

- (a) Visible evidence of a facility with no marks visible.
- (b) Lack of a positive response to a ticket.
- (c) A positive response from a facility owner or facility operator indicating the presence of a facility with no marks visible.

460.727 Section 7 (4) Upon receiving a notification during business hours from an excavator through the notification system of previous marks being covered or destroyed, a facility owner or facility operator shall mark the location of a facility within 24 hours, excluding all hours on nonbusiness days.

460.727 Section 7 (5) If a facility owner or facility operator receives a request under section 5(8) or (9), that facility owner or facility operator shall provide additional assistance to an excavator within 3 hours of a request made by the excavator during business hours. An excavator and a facility owner or facility operator may agree to an extension of the time for additional assistance. If a request for additional assistance is made at a time when the additional assistance cannot be provided during normal business hours or assistance is required at a remote rural location, the response time shall be no later than 3 hours after the start of the next business day or a time based on mutual agreement.

The MDPB Best Practices are presented as a general guide. The MDPB encourages all users to consult and consider not only the MDPB Best Practices, but also (i) employer practices, (ii) industry practices, (iii) federal and state statutes and regulations, (iv) building and fire codes, and (v) local laws, regulations, and ordinances.

Michigan Damage Prevention Board

Best Practice 2016-02

Large Project Staking

Discussion

Coordination is necessary between excavator and stakers throughout large construction projects. This best practice summarizes the intent of how the requirements of PA174 should be implemented by excavators and contractors to achieve the necessary coordination.

The process is illustrated in Staking for Large Projects_final.pptx which is posted to MDPB website.

References

Staking for Large Projects_final.pptx (see Best Practices posted to MDPB website)

Submission Date 10/17/2016

Adoption Date 12/08/2016

Revision 1 Date _____

Revision 2 Date _____

The MDPB Best Practices are presented as a general guide. The MDPB encourages all users to consult and consider not only the MDPB Best Practices, but also (i) employer practices, (ii) industry practices, (iii) federal and state statutes and regulations, (iv) building and fire codes, and (v) local laws, regulations, and ordinances.