

INDIANA DEPARTMENT OF TRANSPORTATION

Driving Indiana's Economic Growth

Memorandum

September 10, 2007

CONSTRUCTION MEMORANDUM 07-21

TO:

District Deputy Commissioners

District Highway Operation Directors

District Construction Engineers District Testing Engineers District Area Engineers

Project Engineers/Supervisors

FROM:

Mark A. Miller, Director

Division of Construction Management

SUBJECT: Payment for Hand Dig Holes for Guardrail Post Installation

It has come to our attention that there is a need to clarify payment procedures for extra work relating to hand digging (and/or vacuum excavation) holes that are necessary for guardrail post installation. Hand digging is required when existing utilities conflicts occur in the field and the typical post driver machine/equipment cannot be used.

Indiana Law IC-8-1-26-2 states that when the Indiana Underground Plant Protection Service (IUPPS) locates an underground utility within an approximate location (established Tolerance Zone) on the project job site hand digging is required. The Zone is a strip of land not less than 48" (4 feet) wide along the path of the located underground facility (See enclosed Exhibit 'A' for details).

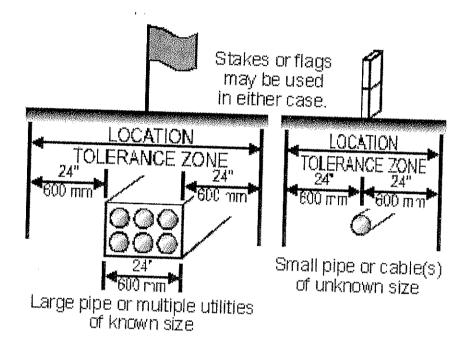
The law also requires that Excavators use only hand tools or vacuum excavation within a Tolerance Zone. If the existing underground utilities can not be relocated and/or the guardrail run is not rerouted outside the established Tolerance Zone, the PE/PS will need to generate a Change Order to add the following item and quantity of required holes.

Pay Units Symbol Pay Item

Questions concerning this subject may initially be directed to the appropriate District Construction personnel (AE-DCE) then the Central Office - Division of Construction Management.

MAM:SAT Attachment The Hand Dig Tolerance Zone

Indiana Law requires that Excavators use only hand tools or vaccum excavation within the Tolerence Zone. The Zone is a strip of land not less than 48" (4 Feet) wide along the path of the located underground facility. The Zone will be greater than 48" (4 Feet) if the size of the underground facility is indicated. For example if a 12" facility is indicated then the Zone will be 30" (2 ½ Feet) on either side of the markings.



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