



INDIANA DEPARTMENT OF TRANSPORTATION

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Eric Holcomb, Governor
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CONSTRUCTION MEMORANDUM 19-04

TO: District Deputy Commissioners
District Construction Directors
District Technical Services Directors
District Testing Engineers
District Area Engineers
District Project Management Director
Project Management Director
District LPA Coordinators
Project Engineers/Supervisors
Field Engineers

FROM: John Leckie, Director 
Division of Construction Management and District Support

SUBJECT: Interstate Construction Supplemental Advanced Warning Notification

Effective immediately, construction supplemental advanced warning notification signs should be installed on all new and existing interstate contracts. The intent is to help inform motorists of an impending construction site location. The set-up includes three signs with legends informing motorists that a construction site is directly ahead and the work zone begins 2 miles ahead, 1 mile ahead, and 1/2 mile ahead. The sign set should be placed on both sides of the lanes of the roadway for traffic moving toward the construction, for a total of 6 set-ups for one direction. The sign set should begin after the added penalty signs that are normally placed for construction work. They should be placed at the appropriate distances based on the Standard Drawings and the Indiana Manual of Uniform Traffic Control Devices. Information on recommended sign legends, placement, and spacing have been included in an attachment to this memo.

It should be noted that the information herein is based on standard site set-ups. Many situations may not meet the standard set-up criteria, especially many urban sites. Sites with multiple work locations separated by several miles will also meet the non-standard criteria. Best judgment should be used to maintain the intent and determine the most effective set-up for any particular contract site. Supplemental advanced notification for the motoring public is the goal.

For additional supplemental advanced warning, a changeable message board may be used before the 2 mile advanced warning signs to further notify motorists of the possibility of slowed traffic.

For all interstate contracts, a change order should be established to add to the existing sign item or create a new item for the quantity of signs necessary for the work.

For additional information please contact your Field Engineer within Construction Management.

ATTACHMENTS:

Recommended Sign Location and Spacing

Recommended Sign Legend

JHL/GGP/KAP

Recommended Sign Location and Spacing

IMUTCD Typical Application Notation	Example	IMUTCD Minimum Distance (Table 6C-1) (FT)	Standard Drawing E 801-TCLC-01 Distance (FT)	Relative Placement of Sign
A	Merge Left/Right Graphic (IMUTCD, TA 33)	1000		
	Merge Left/Right Graphic (E 801-TCLC-01)		1000	Distance Before Arrow Board
B	"LEFT/RIGHT LANE CLOSED XX MILE" (IMUTCD, TA 33)	1500		
	"LEFT/RIGHT LANE CLOSED AHEAD" (E 801-TCLC-01)		1000	Distance Before "A" Graphic Sign
C	"ROAD WORK XX MILE" (IMUTCD, TA 33)	2640		
	"ROAD CONSTRUCTION AHEAD" (E 801-TCLC-01)		1500	Distance Before "B" Written Sign

For the purpose of placing supplemental Advanced Warning Area Signs, the following layout is justified based on a review of the IMUTCD and INDOT practices:

Preferred Sequence	Example	Spacing of Sign (FT)		Relative Placement of Sign
A	Merge Left/Right Graphic (W4-2)	1000		Immediately Prior to Arrow Board
B	"LEFT/RIGHT LANE CLOSED AHEAD"	1500		Immediately Prior to Merge Left/Right Graphic
C	"ROAD CONSTRUCTION AHEAD"	2640		Immediately Prior to "LEFT/RIGHT LANE CLOSED AHEAD"
	"ROAD CONSTRUCTION 1/2 MILE"	2640		Immediately Prior to "ROAD CONSTRUCTION AHEAD"
	"ROAD CONSTRUCTION 1 MILE"	2640		Immediately Prior to "ROAD CONSTRUCTION 1/2 MILE"
	"ROAD CONSTRUCTION 2 MILES"	5280		Immediately Prior to "ROAD CONSTRUCTION 1 MILE"
	Worksite Added Penalty Sign (78" x 42")	2640		Immediately Prior to "ROAD CONSTRUCTION 2 MILES"

A consideration of elimination of the "ROAD CONSTRUCTION AHEAD" sign from the sequencing would still comply with the IMUTCD and would reduce the cost and complexity of an additional sign assembly.

Alternate Sequence	Example	Spacing of Sign (FT)		Relative Placement of Sign
A	Merge Left/Right Graphic (W4-2)	1000		Immediately Prior to Arrow Board
B	"LEFT/RIGHT LANE CLOSED AHEAD"	1500		Immediately Prior to Merge Left/Right Graphic
	"ROAD CONSTRUCTION 1/2 MILE"	2640		Immediately Prior to "LEFT/RIGHT LANE CLOSED AHEAD"
	"ROAD CONSTRUCTION 1 MILE"	2640		Immediately Prior to "ROAD CONSTRUCTION 1/2 MILE"
	"ROAD CONSTRUCTION 2 MILES"	5280		Immediately Prior to "ROAD CONSTRUCTION 1 MILE"
	Worksite Added Penalty Sign (78" x 42")	2640		Immediately Prior to "ROAD CONSTRUCTION 2 MILES"

Recommended Sign Legend



W20-1
48 inch x 48 inch

OR



W20-1
48 inch x 48 inch

In Conjunction with



W16-2P

Legends:

"2 MILES"

"1 MILE"

"½ MILE"

30 inch x 24 inch