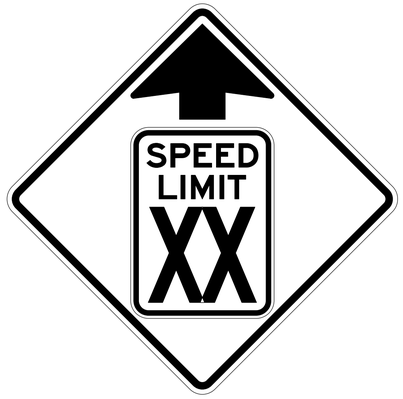
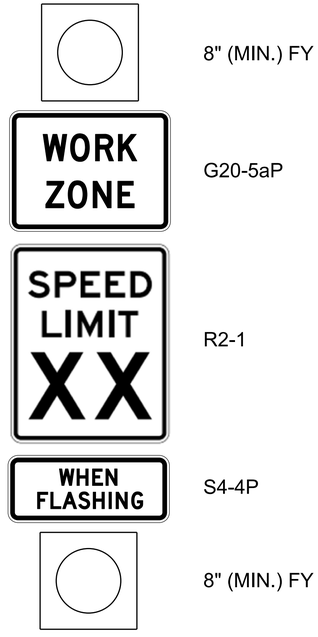


W3-5

W3-5b
(7)



8" (MIN.) FY
G20-5aP
R2-1
S4-4P
8" (MIN.) FY

Option A

G20-5aP
R2-1

Option B

R2-12

REVISION DATE: 08/11/2026
REVISION NUMBER: 1

08/11/2026
DATE

SUBMITTED
DIVISION DIRECTOR

APPROVED
STATE HIGHWAY ENGINEER

DATE

~ NOTES ~

1. *REDUCED SPEED LIMITS SHOULD BE USED ONLY IN SPECIFIC PORTIONS OF THE WORK ZONE WHERE CONDITIONS OR RESTRICTIVE FEATURES ARE PRESENT. LOWERING THE REGULATORY SPEED LIMIT SHOULD BE AVOIDED AS MUCH AS PRACTICAL BECAUSE DRIVERS REDUCE THEIR SPEEDS ONLY IF THEY CLEARLY PERCEIVE A NEED TO DO SO.*
2. *SPEED LIMIT MAY BE REDUCED BY 15 MPH WITHOUT A TRAFFIC ENGINEERING INVESTIGATION ON HIGHWAYS WHERE THE NORMAL POSTED SPEED LIMIT IS 70 MPH. THE SPEED LIMIT MAY BE REDUCED BY 10 MPH WITHOUT A TRAFFIC ENGINEERING INVESTIGATION ON OTHER HIGHWAYS. LARGER SPEED REDUCTIONS REQUIRE A TRAFFIC ENGINEERING INVESTIGATION AND APPROVAL OF THE SECRETARY OF TRANSPORTATION.*
3. *A REDUCED SPEED LIMIT AHEAD (W3-5) SIGN SHALL BE INSTALLED IN ADVANCE OF A WORK ZONE WITH A TEMPORARY WORK ZONE SPEED LIMIT. SIGNS SHALL BE DUAL-MOUNTED ON MULTI-LANE HIGHWAYS WHERE MEDIAN IS WIDE ENOUGH TO MAINTAIN LATERAL CLEARANCES AS PRESCRIBED IN THE MUTCD. THE SPEED LIMIT DISPLAYED ON THE SIGN SHALL MATCH THE DESIRED SPEED LIMIT THROUGH THE WORK ZONE.*
4. *IF THE END OF THE REDUCED SPEED ZONE DOES NOT COINCIDE WITH THE "END ROAD WORK" SIGN, AN "END WORK ZONE SPEED LIMIT" (R2-12) SIGN SHOULD BE INSTALLED AT THE END OF THE REDUCED SPEED ZONE.*
5. *SPEED LIMIT ASSEMBLIES MAY INCLUDE A "WHEN FLASHING" PLAQUE AND FLASHING BEACONS. BEACONS SHALL BE YELLOW, AT LEAST EIGHT (8) INCHES IN DIAMETER, AND MOUNTED VERTICALLY. BEACONS SHALL FLASH ALTERNATELY AND CONFORM TO PART 4S OF THE MUTCD.*
6. *IF A SPEED LIMIT IS TO APPLY TO THE ENTIRE LENGTH OF THE WORK ZONE, THE REDUCED SPEED LIMIT AHEAD (W3-5) SIGN AND THE SPEED LIMIT (R2-1) SIGN SHOULD BE INSTALLED BETWEEN THE FIRST AND SECOND ADVANCE WARNING SIGNS. IF A SPEED LIMIT ONLY APPLIES TO A SHORT SECTION OF A LONGER WORK ZONE, THE W3-5 SIGN SHOULD BE MOUNTED APPROXIMATELY 300 FEET IN ADVANCE OF THE SPEED LIMIT SIGN ASSEMBLY AND NO CLOSER THAN 200 FEET TO ANY OTHER SIGNS. REFER TO SHEET 004 FOR ADDITIONAL INFORMATION REGARDING RECOMMENDED LOCATIONS OF WORK ZONE SPEED LIMIT SIGNS IN RELATION TO OTHER WORK ZONE SIGNING.*

(7) *A "VARIABLE SPEED ZONE AHEAD" (W3-5b) SIGN SHOULD ONLY BE USED INSTEAD OF A REDUCED SPEED LIMIT AHEAD (W3-5) SIGN IF THE ENGINEER HAS APPROVED THE USE OF VARIABLE WORK ZONE SPEED LIMITS, I.E. WHEN THE WORK ZONE SPEED LIMIT IS VARIED BY TIME OF DAY OR AS CONDITIONS CHANGE. VARIABLE WORK ZONE SPEED LIMITS WILL BE SIGNED WITH SPEED LIMIT ASSEMBLIES UTILIZING FLASHING BEACONS OR SPEED LIMIT SIGNS WITH A CHANGEABLE MESSAGE DISPLAY.*

BID ITEMS AND UNITS TO BID

TEMPORARY SIGNS SQFT WHEN APPLICABLE, USE WITH SHEETS 002, 003, AND 004.

SIGN	BACKGROUND COLOR	MIN. SIZE	
		CONVENTIONAL ROAD	EXPRESSWAY/ FREEWAY
W3-5	FLUORESCENT ORANGE	36" x 36"	48" x 48"
W3-5b	FLUORESCENT ORANGE	36" x 36"	48" x 48"
G20-5aP	FLUORESCENT ORANGE	24" x 18"	36" x 24"
R2-1	WHITE	24" x 30"	36" x 48"
R2-12	WHITE	24" x 36"	36" x 54"
S4-4P	WHITE	24" x 10"	36" x 18"

TEMPORARY

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
TEAM KENTUCKY TRANSPORTATION CABINET

TEMPORARY TRAFFIC CONTROL - SPEED LIMIT SIGNING

SHEET 001: SPEED ZONE SIGNING FOR WORK ZONES

SEPIA NUMBER
TTC-170-S