

GENERAL NOTES

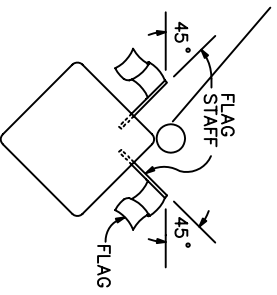
1. MAINTENANCE:
THE CONTRACTOR SHALL MAINTAIN ALL SIGNS AND DEVICES IN AN UPRIGHT POSITION. THE CONTRACTOR SHALL CLEAN OR RE-PLACE AND/OR RE-PAINT THE SIGN OR DEVICE AS DIRECTED BY THE ENGINEER.
2. EXISTING SIGNS:
IF EXISTING SIGNS THAT ARE TO REMAIN (WHETHER DENOTED ON THE PLANS OR NOT) INTERFERE WITH CONSTRUCTION WORK, THE CONTRACTOR SHALL REMOVE OR RE-LOCATE THEM. SIGN DIMENSIONS SHALL BE AS SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF REMOVING OR RE-LOCATING EXISTING SIGNS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF REPLACING SIGNS AT THE CONTRACTOR'S EXPENSE.
3. CONFLICTING SIGNS AND SIGNS NOT IN USE:
SIGNS THAT ARE IN CONFLICT WITH THE TRAFFIC CONTROL PLAN OR DO NOT APPLY TO THE TRAFFIC OPERATIONS SHALL BE IMMEDIATELY REMOVED, TURNED SOUTH OR EAST OR WEST OR NORTH AS DIRECTED BY THE ENGINEER. SIGNS NOT TO BE APPLIED TO THE FACE OF THE SIGN.
4. TEMPORARY AND POST MOUNTED SIGNS:
TRAFFIC CONTROL SIGNS THAT ARE ANTICIPATED TO REMAIN IN PLACE FOR 3 DAYS OR LESS ARE CONSIDERED TEMPORARY. TEMPORARY SIGNS SHALL BE PRINTED ON APPROVED SIGN BOARD OR SIGN SUPPORTS. TEMPORARY SIGNS SHALL BE MOUNTED ON APPROVED POSTS. A MINIMUM OF 42" OF THE APPROVED POST MUST BE BELOW THE GROUND SURFACE WITH ADEQUATE BACKFILL AND COMPACTION. ALL POSTS SHALL EXTEND NO GREATER THAN 6" ABOVE THE SIGN.
5. SHEETING:
WHEN THE SIGN LENGTH IS EQUAL TO OR GREATER THAN 9', THREE OR MORE WOOD POSTS MAY BE USED WITH A MINIMUM OF 4' BETWEEN THE CENTERLINE OF EACH POST. ALL SIGNS LESS THAN 9' IN WIDTH SHALL USE A MAXIMUM OF TWO WOOD POSTS.
6. ROLL-UP SIGNS:
ROLL-UP SIGNS MAY BE USED FOR TEMPORARY WARNING SIGNS. THEY MUST BE FLUORESCENT ORANGE PRISMATIC GRADE RETROREFLECTIVE SIGNS. THEY MUST BE FLUORESCENT ORANGE PRISMATIC GRADE RETROREFLECTIVE SIGNS OF STANDARD COLORS.
7. SIGNS INVOLVING SPEEDS:
THE W3-5 (SPEED LIMIT AHEAD) SHOULD BE USED ONLY IF THE ENGINEER DETERMINES THAT A REDUCED SPEED IS REQUIRED ON THE PROJECT.
THE M4-20 (WORK ZONE) PLaque SHALL BE PLACED ABOVE ALL SPEED LIMIT SIGNS. (R2-1), EXISTING AND TEMPORARY.
8. SIGNS CONTROLLING WORK AREA:
THE C20-2A (END ROAD WORK) SHOULD BE PLACED 500' FROM THE END OF THE ACTUAL WORK AREA, NOT NECESSARILY AT THE EXTREME LIMITS OF THE PROJECT.
WHERE TWO WORK AREAS ARE LESS THAN 1 MILE APART IN RURAL AREAS OR 1/4 MILE APART IN URBAN AREAS, THE C20-2A (END ROAD WORK) FOR THE FIRST WORK AREA AND THE W20-1 (ROAD WORK) FOR THE SECOND WORK AREA SHOULD BE ELIMINATED.

9. WARNING LIGHTS ON SIGNS:

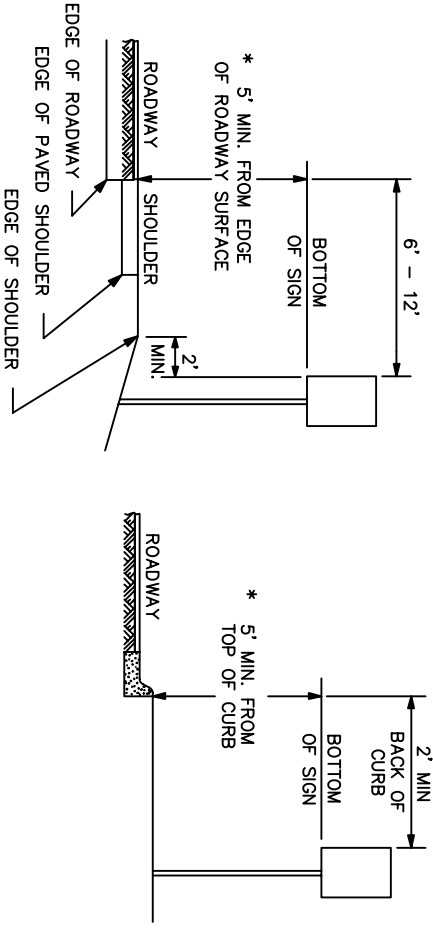
TYPE A L.E.D. BI-DIRECTIONAL WARNING ACTION SIGNS SHALL NOT BE USED ON SIGNS MOUNTED ON SEPARATE BATTERY CASE. THE BATTERY CASE SHALL BE MOUNTED NO HIGHER THAN 12" ABOVE THE GROUND AND MOUNTED BEHIND THE SIGN POST FOR A TYPE A LIGHT (LENS AND BATTERY) SHALL BE MOUNTED AT THE TOP OF THE SIGN.

TYPE A L.E.D. LIGHTS SHALL BE MAINTAINED SO AS TO BE CAPABLE OF BEING RE-CHARGED. THE BATTERY CASE SHALL BE MOUNTED NO HIGHER THAN 12" ABOVE THE GROUND AND MOUNTED BEHIND THE SIGN POST FOR A TYPE A LIGHT (LENS AND BATTERY) SHALL BE MOUNTED AT THE TOP OF THE SIGN.

TYPE A LIGHT, L.E.D. BI-DIRECTIONAL



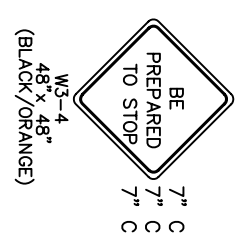
TWO (2) 18" x 18" FLUORESCENT RED-ORANGE FLAGS SHALL BE ATTACHED TO THE POSITION SIGNS IN THE W20-2 (ROAD WORK) SIGN. THE POSITION SIGNS IN THE W20-2 (ROAD WORK) SIGN SHALL BE ATTACHED TO THE POSITION SIGNS IN THE W20-2 (ROAD WORK) SIGN. THE POSITION SIGNS IN THE W20-2 (ROAD WORK) SIGN SHALL BE ATTACHED TO THE POSITION SIGNS IN THE W20-2 (ROAD WORK) SIGN.



* NOTE:

- A. IN BUSINESS, COMMERCIAL AND RESIDENTIAL DISTRICTS, THE DISTANCE OF THE TRAVEL WAY SHALL BE AT LEAST 7'.
 - B. LARGE SIGNS HAVING AN AREA EXCEEDING 54 SQUARE FEET THAT ARE INSTALLED ON MULTIPLE BREAKAWAY POSTS SHALL BE MOUNTED A MINIMUM OF 7' ABOVE THE GROUND.
 - C. THE HEIGHT TO THE BOTTOM OF THE SECONDARY SIGN MOUNTED BELOW ANOTHER SIGN MAY BE 1' LESS THAN THE APPROPRIATE HEIGHT SPECIFIED ABOVE.
- HEIGHT AND LATERAL DIMENSIONS FOR POST MOUNTED SIGNS (SIGNS LEFT IN PLACE OVER 3 DAYS)

SIGN LAYOUT INFORMATION



WORK ZONE	3' C	6' C
M4-20 (BLACK/ORANGE)	24" x 6"	48" x 12"

NOTE:
TEXT DIMENSIONS ARE IN INCHES.
BORDER IS BLACK NON-REFLECTIVE.

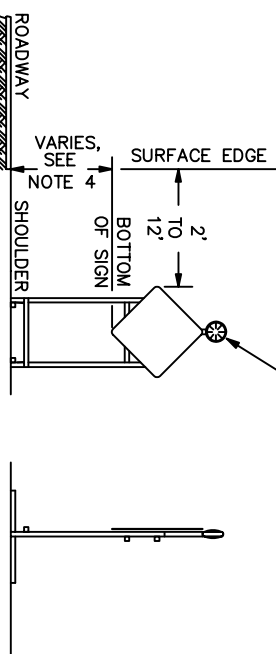
ADVANCE WARNING SIGN SPACING (IN FEET):

	A	B	C
URBAN (40 MPH OR LOWER)	100	100	100
URBAN (45 MPH OR HIGHER)	350	350	350
RURAL (55 MPH OR LOWER)	500	500	500
RURAL (60 MPH OR HIGHER)	750	750	750
EXPRESSWAY/FREEWAY	1000	1500	2640

THE SPACING BETWEEN ANY SIGNS MAY BE ADJUSTED AS APPROVED BY THE ENGINEER IN ORDER TO MAXIMIZE VISIBILITY.

THE SPACING BETWEEN SIGNS SHALL BE NO LESS THAN 100', UNLESS DIRECTED BY THE ENGINEER.

POSITION OF TYPE A L.E.D. BI-DIRECTIONAL LIGHT WHEN USED (SEE NOTE 9)



HEIGHT AND LATERAL DIMENSIONS FOR SIGNS MOUNTED ON SKIDS OR OTHER PORTABLE SUPPORTS (SEE NOTE 6 FOR ROLL-UP SIGNS OPTION)

NO.	DATE	REVISIONS	BY	APP'D.
3	2-1-05	MODIFIED NOTE #	B.H.	A.A.H.
2	11-18-05	CHANGED BORDER	B.H.	S.A.B.
1	5/17/03	MODIFIED NOTES	M.H.	S.A.B.

KANSAS DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL SIGNS