

TEMPORARY TRAFFIC CONTROL TYPICAL APPLICATION VEHICLE LIGHTING SELECTION CHART

VEHICLE LIGHTING DEVICES												
LEVEL	VEHICLE TYPES	OPTION	SINGLE AMBER FLASHING LIGHT *	AMBER FLASHING BAR LIGHT **	TWO AMBER FLASHING BAR LIGHTS (NOT IN REAR) ***	TWO REAR AMBER FLASHING BAR LIGHTS ****	TWO AMBER FLASHING DOME LIGHTS **	FOUR-WAY FLASHERS *****	WHITE STROBE LIGHTS IN GRILL OR TAIL LIGHTS	360 DEGREE VISIBILITY	USE	SPECIAL INSTRUCTIONS
1	PASSENGER CARS, SPORT UTILITY VEH., PICK-UP TRUCKS, ROLLERS, MINIVANS	1	X					X	/	X	<ul style="list-style-type: none"> • WARNING LIGHTS ON DURING WORK ZONE SET-UP/REMOVAL. • WARNING LIGHTS REMAIN ON IN HIGHWAY WORK ZONE. 	<ul style="list-style-type: none"> • RED LIGHTS TO BE INSTALLED ONLY AFTER APPROVAL FROM THE OFFICE OF CHART. • WHITE STROBE INSTALLATION/USE MUST BE APPROVED BY ENGINEER.
		2		X				X	/	X		
2	UTILITY VEHICLES, CREW CABS, DUMP TRUCKS, PAINT TRUCKS, BRIDGE INSPECTION VEHICLES, GRADERS, CRANES, SWEEPERS, SNOW PLOWS, LOADERS, EXCAVATORS, MOWERS, BACKHOES, FORKLIFTS, CARGO VANS, PASSENGER VANS, ETC.	1			X	X		X	/	X	<ul style="list-style-type: none"> • WARNING LIGHTS ON DURING WORK ZONE SET-UP/REMOVAL. • WARNING LIGHTS REMAIN ON IN HIGHWAY WORK ZONE. 	<ul style="list-style-type: none"> • RED LIGHTS TO BE INSTALLED ONLY AFTER APPROVAL FROM THE OFFICE OF CHART. • WHITE STROBE INSTALLATION/USE MUST BE APPROVED BY ENGINEER.
		2					X	X	/	X		
		3	X			X		X	/	X		
3	VEHICLES RETROFITTED WITH ARROW PANEL OR PVMS	1				X		X	/	X	<ul style="list-style-type: none"> • WARNING LIGHTS ON DURING WORK ZONE SET-UP/REMOVAL. • WARNING LIGHTS REMAIN ON IN HIGHWAY WORK ZONE. • WARNING LIGHTS THAT CONFLICT WITH ARROW PANEL OR PVMS SHALL BE TURNED OFF. 	<ul style="list-style-type: none"> • RED LIGHTS TO BE INSTALLED ONLY AFTER APPROVAL FROM THE OFFICE OF CHART. • WHITE STROBE INSTALLATION/USE MUST BE APPROVED BY ENGINEER.
		2					X	X	/	X		

KEY : X -REQUIRED, /-OPTIONAL

*FLASHING STROBE OR FLASHING ROTATING

**FLASHING STROBE AND FLASHING ROTATING

***ONE STROBE/ROTATING LEFT AND ONE STROBE/ROTATING RIGHT

NOTE: REAR AMBER FLASHING LIGHTS SHALL FLASH IN AN ALTERNATING MANNER

****IF A VEHICLE DOES NOT HAVE STANDARD EQUIPPED FOUR-WAY FLASHERS, THEY ARE NOT REQUIRED

NOTE: ADDITIONAL LIGHTS SHOULD BE ADDED TO THE VEHICLE TO OUTLINE OBSTACLES ATTACHED TO THE VEHICLE SUCH AS A BLADE OR TRAILER

DEVICE DESCRIPTIONS:

ROTATING LIGHTS - DEVICE DESIGNED TO PROJECT LIGHT ON A SWEEPING 360 DEGREE ARC.

LIGHT BAR - A HOUSING UNIT OR GROUP OF HOUSINGS OR UNITS CONTAINING AMBER LIGHTS OR LENSES WITH ONE OR MORE FLASHING WARNING LIGHTS IN EACH HOUSING.

STROBE LIGHT - DEVICE THAT EMITS LIGHT IN PULSES AT A RATE NOT TO EXCEED 5 PULSES PER SECOND (5 Hz).

4-WAY FLASHERS - LIGHTS INSTALLED ON VEHICLES, REFERRED TO AS HAZARDS, THAT FLASH AT A CERTAIN RATE WHEN ACTIVATED.

NOTE: LIGHTS SHALL BE CLASS I AS DEFINED BY THE SOCIETY OF AUTOMOTIVE ENGINEERS (SAE).

SPECIFICATION	CATEGORY CODE ITEMS
APPROVED	 DIRECTOR - OFFICE OF TRAFFIC AND SAFETY
 APPROVAL • SHA REVISIONS APPROVAL 7-1-09 REVISED REVISED REVISED	APPROVAL • FEDERAL HIGHWAY ADMINISTRATION APPROVAL 7-27-09 REVISED REVISED REVISED

Maryland Department of Transportation
STATE HIGHWAY ADMINISTRATION
 STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES
TEMPORARY TRAFFIC CONTROL
VEHICLE LIGHTING SELECTION CHART

STANDARD NO. MD 104.01-18 B