

## TEMPORARY TRAFFIC CONTROL TYPICAL APPLICATION VEHICLE LIGHTING SELECTION CHART

VEHICLE LIGHTING DEVICES										USE	SPECIAL INSTRUCTIONS	
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*****	AMBER FLASHING LIGHTS IN GRILL OR TAIL LIGHTS			360 DEGREE VISIBILITY
1	PASSENGER CARS, SPORT UTILITY VEH., PICK-UP TRUCKS, ROLLERS, MINIVANS	1	X					X	/	X	<ul style="list-style-type: none"> <li>• WARNING LIGHTS ON DURING WORK ZONE SET-UP/REMOVAL.</li> <li>• WARNING LIGHTS REMAIN ON IN HIGHWAY WORK ZONE.</li> </ul>	<ul style="list-style-type: none"> <li>• RED AND WHITE LIGHTS TO BE INSTALLED IN ACCORDANCE WITH THE MARYLAND MOTOR VEHICLE LAW.</li> <li>• AMBER FLASHING LIGHT INSTALLATION/USE MUST BE APPROVED BY ENGINEER.</li> </ul>
		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"> <li>• WARNING LIGHTS ON DURING WORK ZONE SET-UP/REMOVAL.</li> <li>• WARNING LIGHTS REMAIN ON IN HIGHWAY WORK ZONE.</li> </ul>	<ul style="list-style-type: none"> <li>• RED AND WHITE LIGHTS TO BE INSTALLED IN ACCORDANCE WITH THE MARYLAND MOTOR VEHICLE LAW.</li> <li>• AMBER FLASHING LIGHT INSTALLATION/USE MUST BE APPROVED BY ENGINEER.</li> </ul>
		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"> <li>• WARNING LIGHTS ON DURING WORK ZONE SET-UP/REMOVAL.</li> <li>• WARNING LIGHTS REMAIN ON IN HIGHWAY WORK ZONE.</li> <li>• WARNING LIGHTS THAT CONFLICT WITH ARROW PANEL OR PVMS SHALL BE TURNED OFF.</li> </ul>	<ul style="list-style-type: none"> <li>• RED AND WHITE LIGHTS TO BE INSTALLED IN ACCORDANCE WITH THE MARYLAND MOTOR VEHICLE LAW.</li> <li>• AMBER FLASHING LIGHT INSTALLATION/USE MUST BE APPROVED BY ENGINEER.</li> </ul>
		2				X		X	/	X		

KEY : X -REQUIRED, / -OPTIONAL

\*FLASHING LIGHT OR FLASHING ROTATING

\*\*FLASHING LIGHT AND FLASHING ROTATING

\*\*\*ONE FLASHING/ROTATING LEFT AND ONE FLASHING/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.

FLASHING 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	
SHA State Highway Administration	APPROVAL • SHA REVISIONS	APPROVAL • FEDERAL HIGHWAY ADMINISTRATION
	APPROVAL 7-1-09	APPROVAL 7-27-09
	REVISED 4-19-10	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**