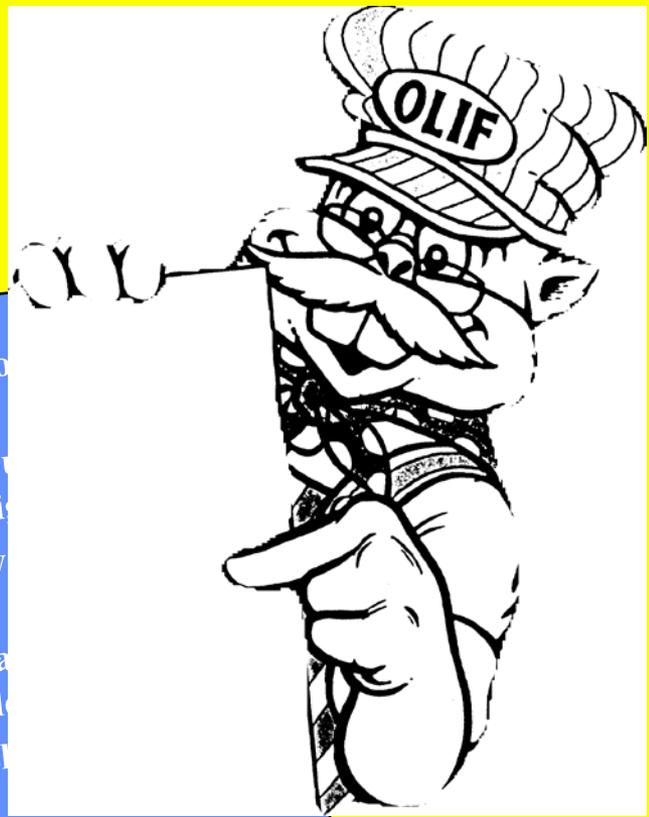


**OPERATION  
LIFESAVER**

- About every 90 minutes a vehicle and train collide in the United States.
- Over 50 percent of highway-rail crashes at grade crossings occur where active warning devices (gates, lights, bells) are not present.
- Most vehicle-train crashes occur at highway-rail grade crossings within 25 miles of the motorist's home.
- A motorist is 30 times more likely to die in a collision with a train than in a collision with another vehicle.
- Collisions at grade crossings: approximately 600 deaths.
- Trains cannot stop quickly. The approximate stopping distance for a average train traveling 30 MPH is 5/8 miles (3,500 feet). The same train traveling 50 MPH requires about 1 and 1/2 miles or about (8,000) feet to stop.



# WARNING DEVICES

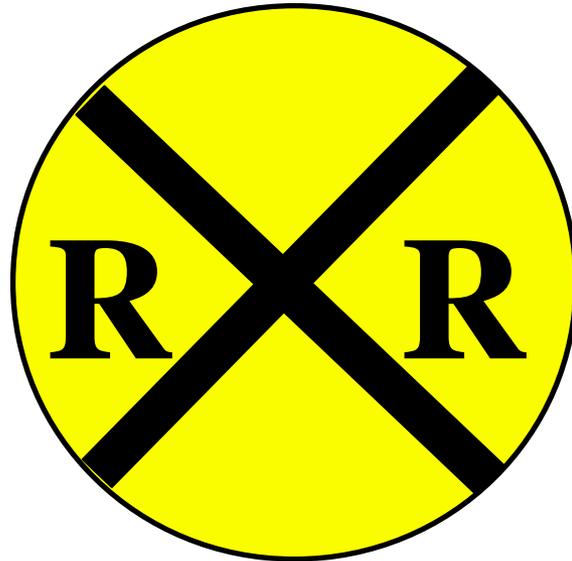
- THE FOLLOWING WARNING DEVICES ARE USED FOR YOUR SAFETY. LEARN WHAT THEY ARE. WATCH FOR THEM!

# WARNING DEVICES

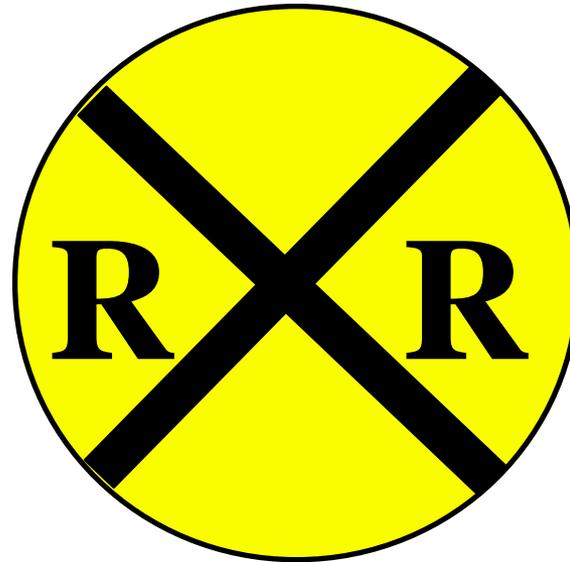
- THE FOLLOWING WARNING DEVICES ARE USED FOR YOUR SAFETY.
- LEARN WHAT THEY ARE
- WATCH FOR THEM!

HIGHWAY AND RAIL GRADE CROSSING  
CRASHES  
SHOULD NEVER HAPPEN

# ADVANCED WARNING SIGNS

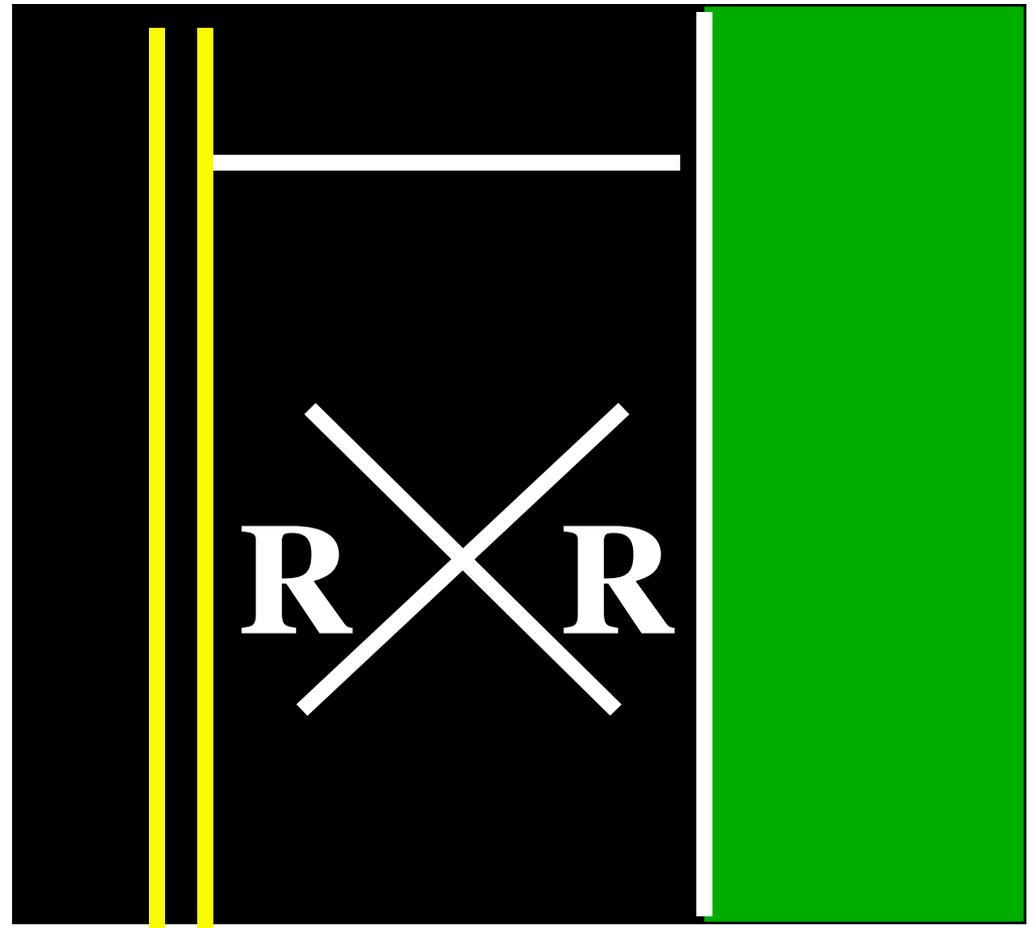


# ADVANCED WARNING SIGNS



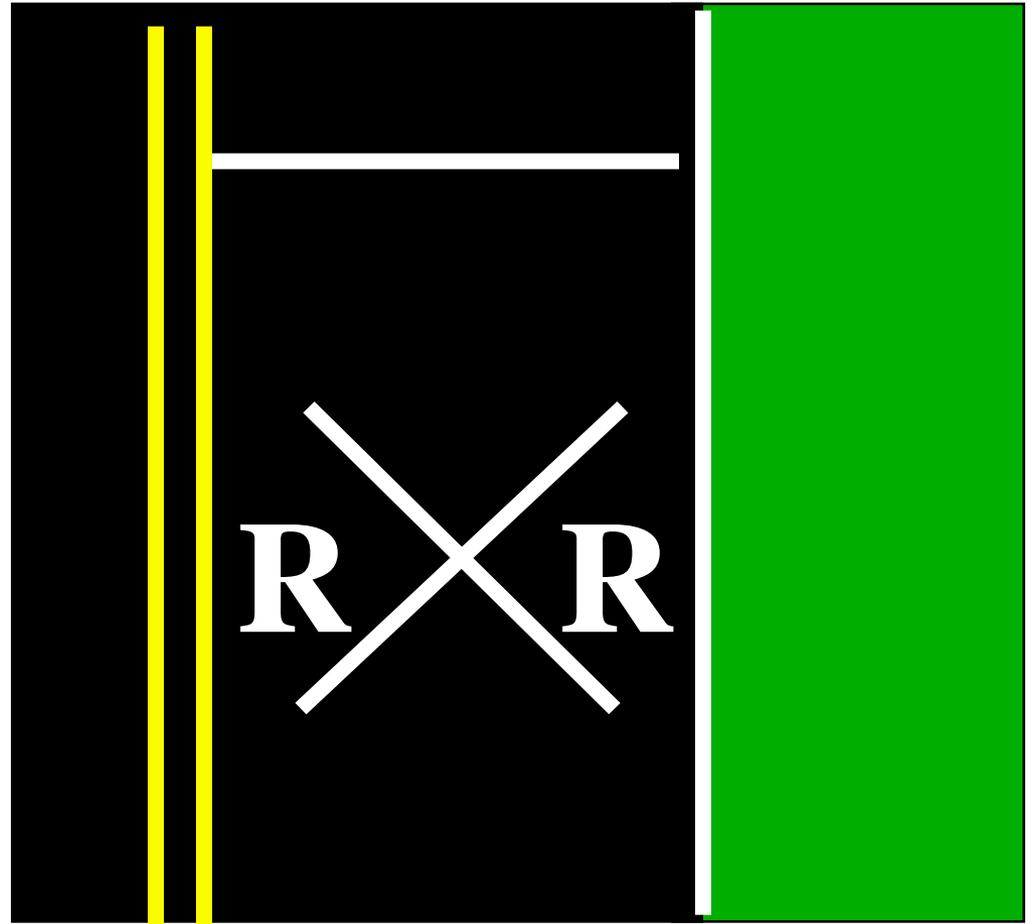
- HIGHWAY-GRADE CROSSING AHEAD. IT'S  
LOCATED FAR ENOUGH IN ADVANCE.
- SLOW DOWN AND STOP IF NECESSARY BEFORE  
REACHING THE CROSSING

# PAVEMENT MARKINGS



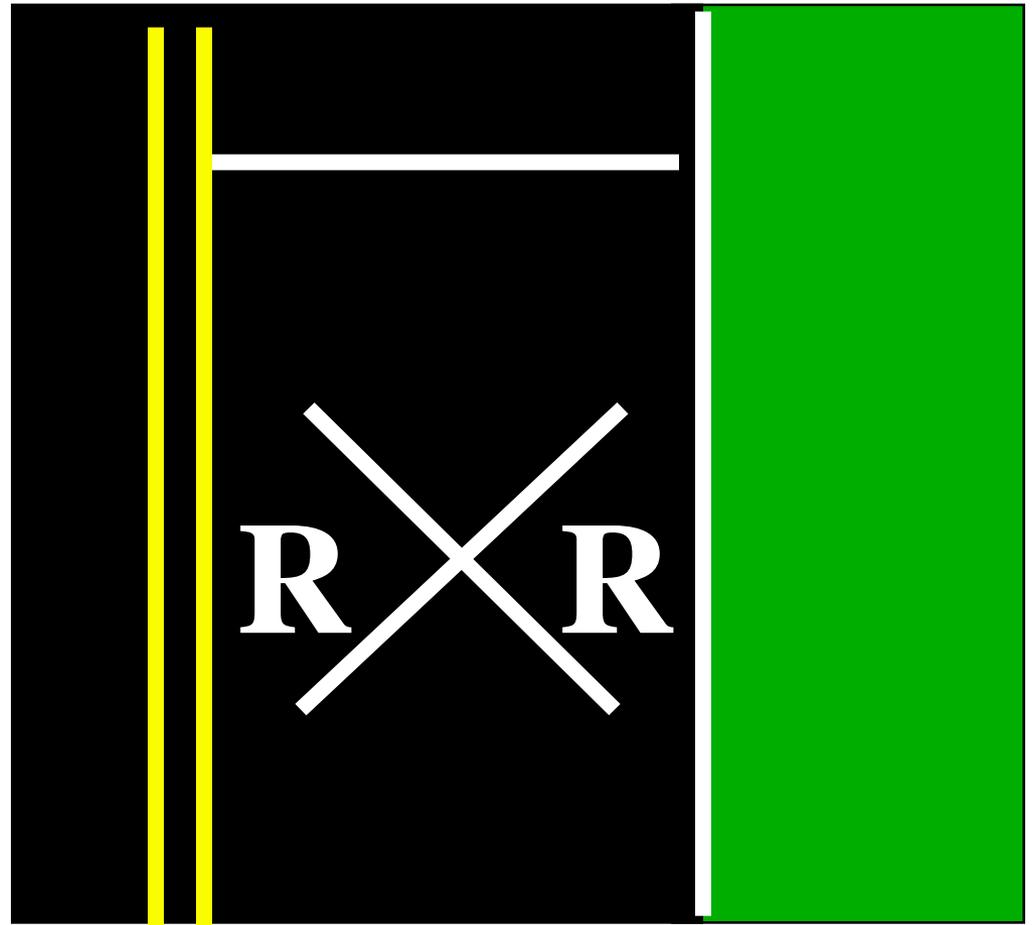
# PAVEMENT MARKINGS

- CONSISTING OF **R X R** STOP LINE
- STOP AND STAY BEHIND THE STOP LINE      WAIT UNTIL TRAIN PASSES

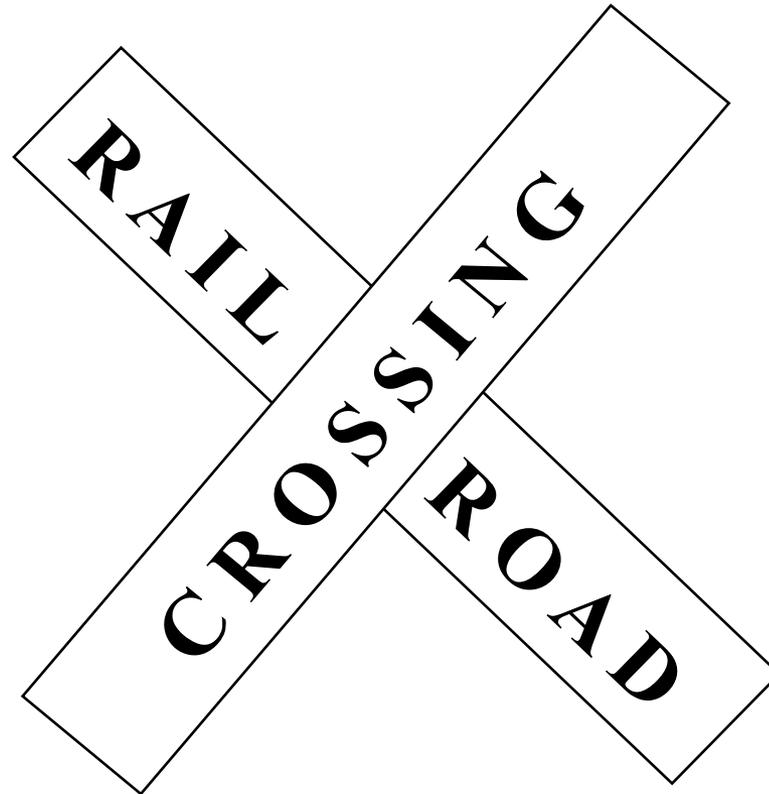


# PAVEMENT MARKINGS

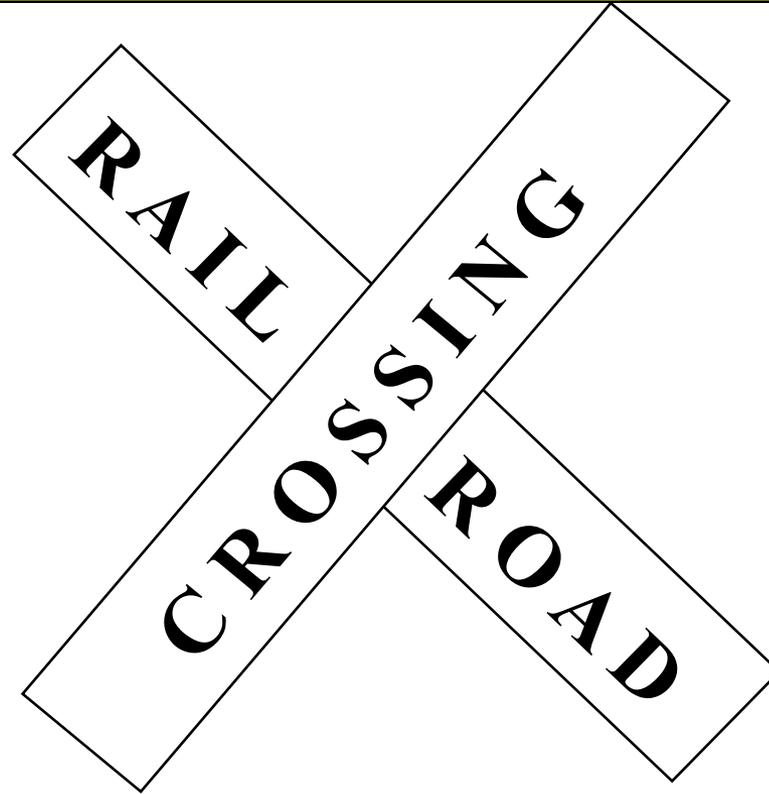
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# RAILROAD CROSSBUCK SIGNS

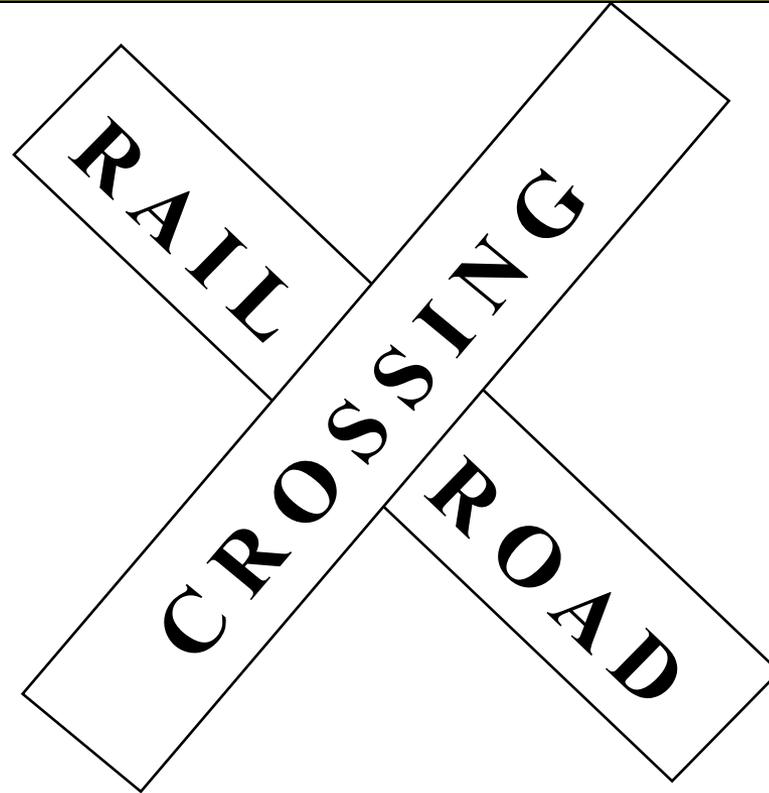


# RAILROAD CROSSBUCK SIGNS



- **FOUND AT PUBLIC CROSSINGS**      **TREATED**  
**THE SAME AS A YIELD SIGN**

# RAILROAD CROSSBUCK SIGNS

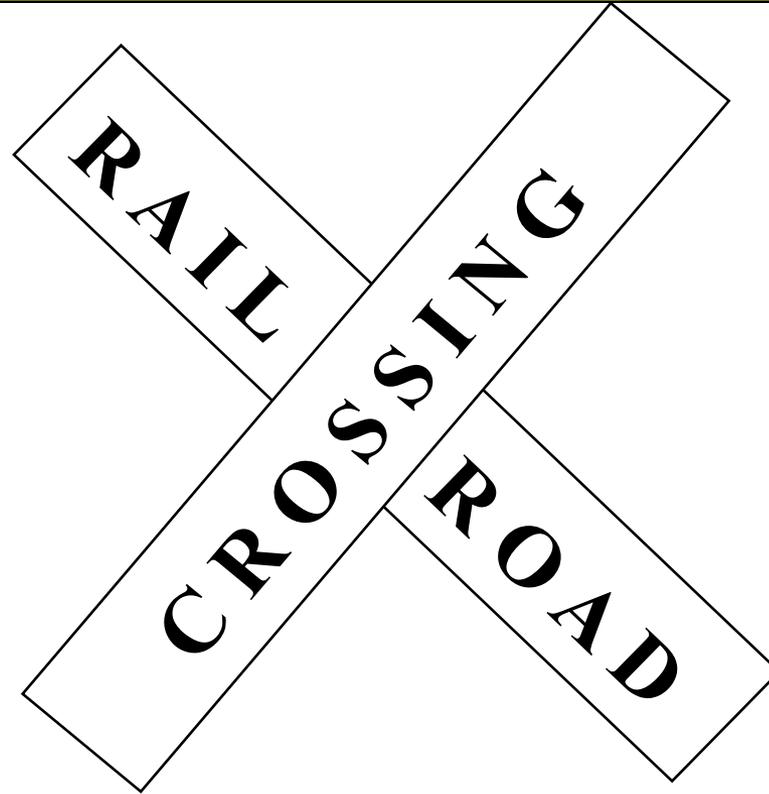


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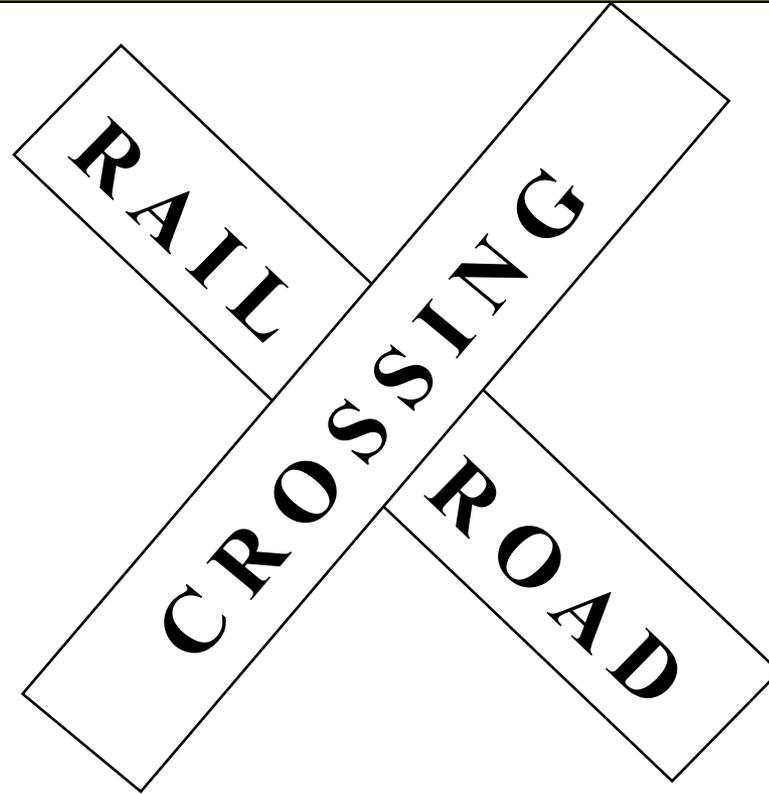


# RAILROAD CROSSBUCK SIGNS



- **SLOW DOWN**
- **IF YOU SEE A TRAIN  
STOP!!**

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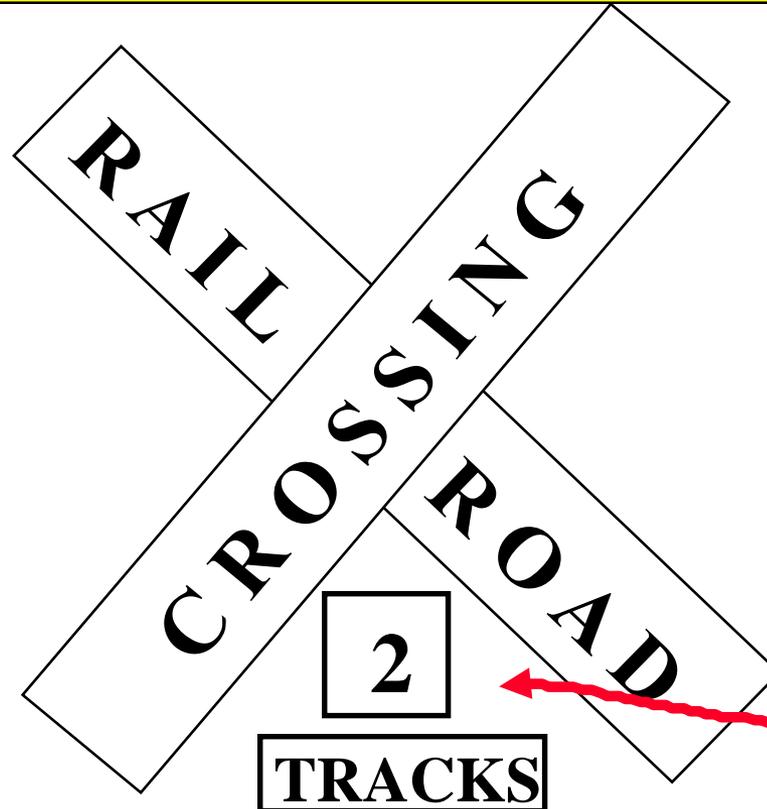


# RAILROAD CROSSBUCK SIGNS



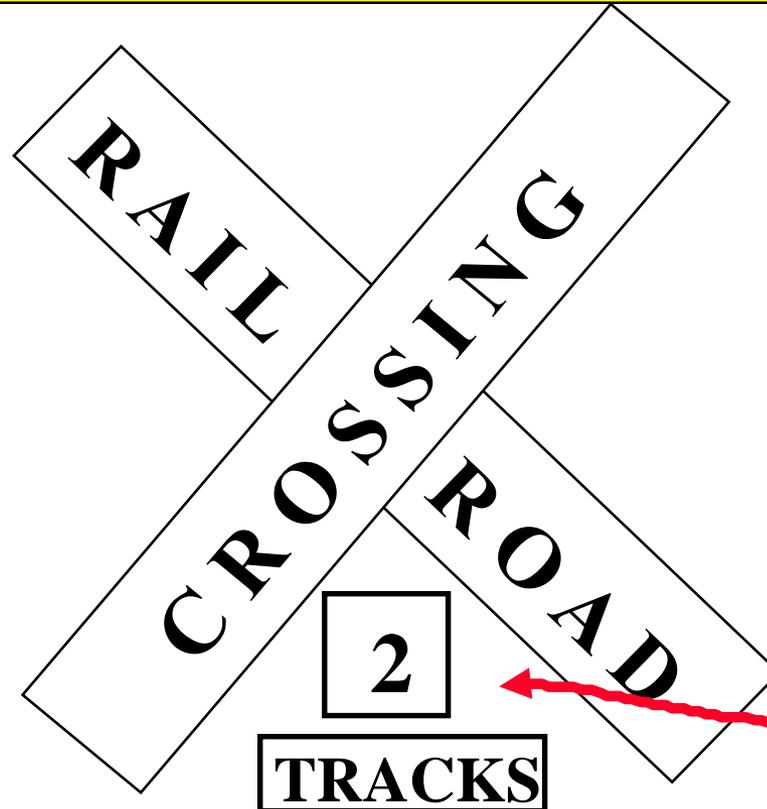
- THE SIGN BELOW THE CROSSBUCK INDICATES THE NUMBER OF TRACKS AT THIS CROSSING

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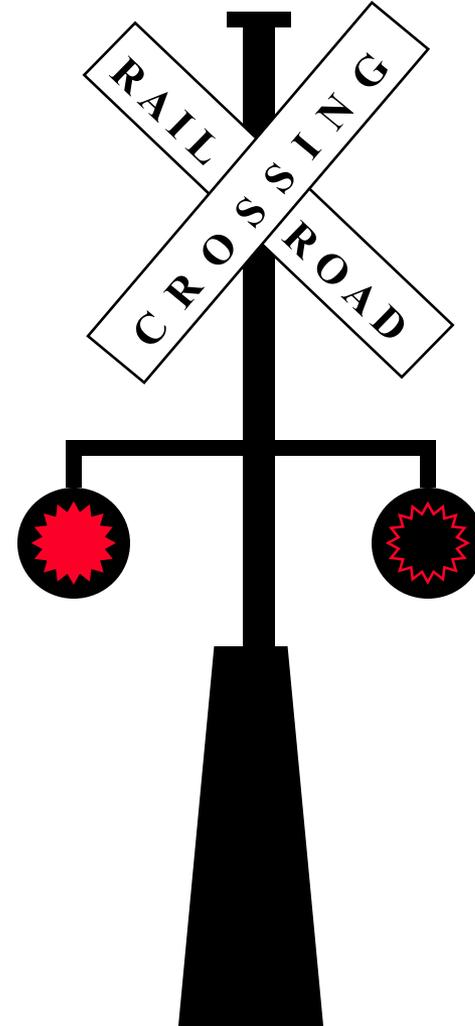
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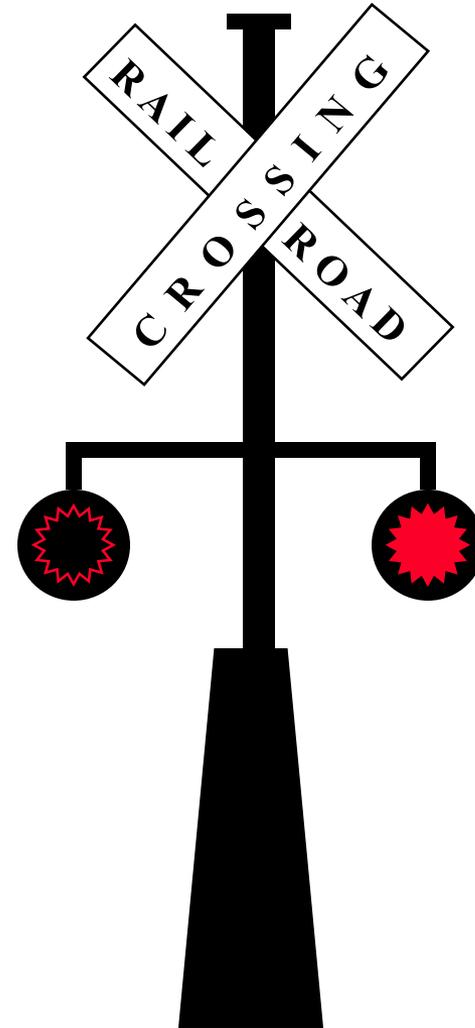
- THE SIGN BELOW THE CROSSBUCK INDICATES THE NUMBER OF TRACKS AT THIS CROSSING

**BE VERY CAREFUL**

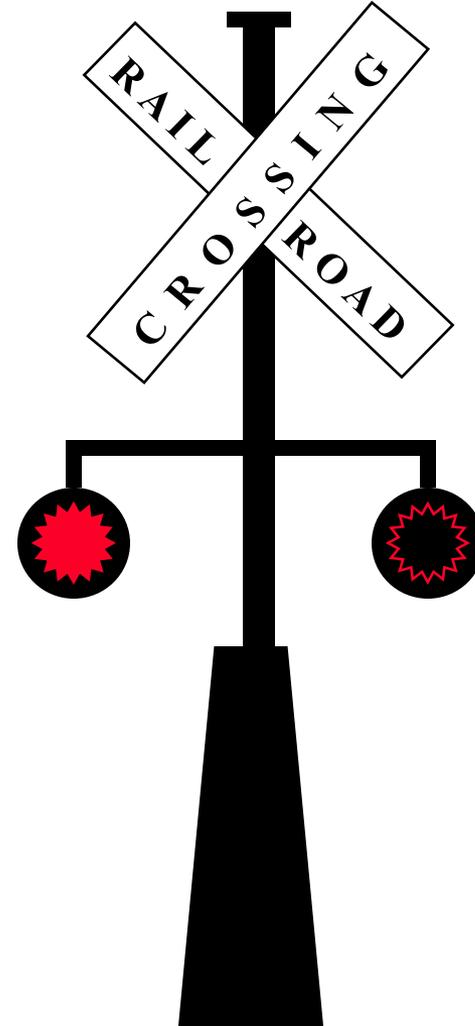
# FLASHING LIGHT SIGNALS



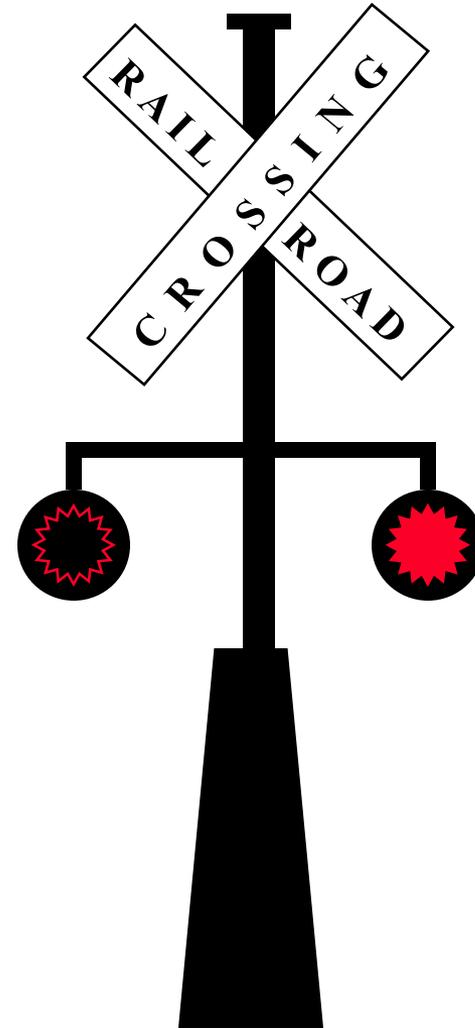
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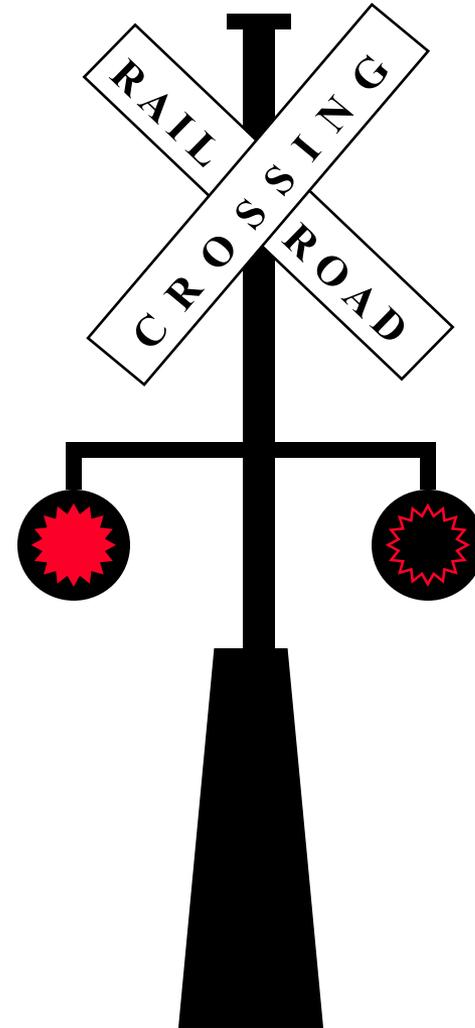
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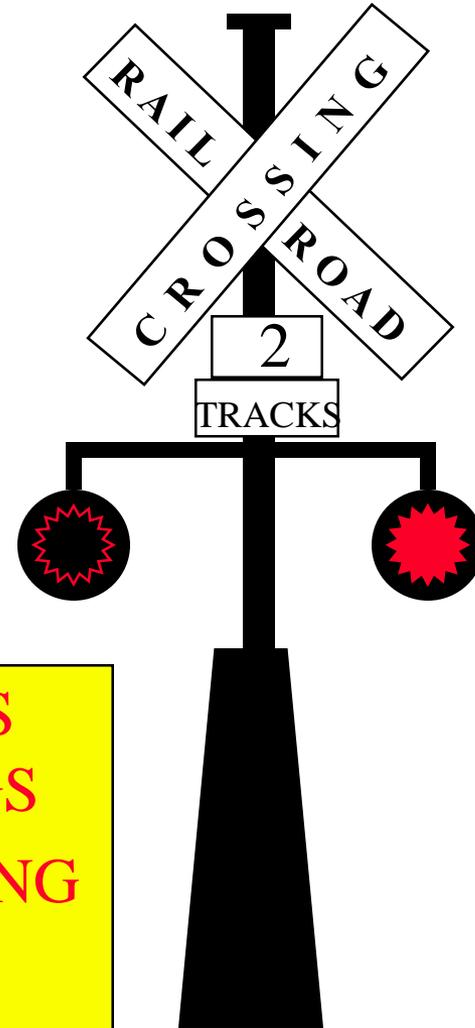
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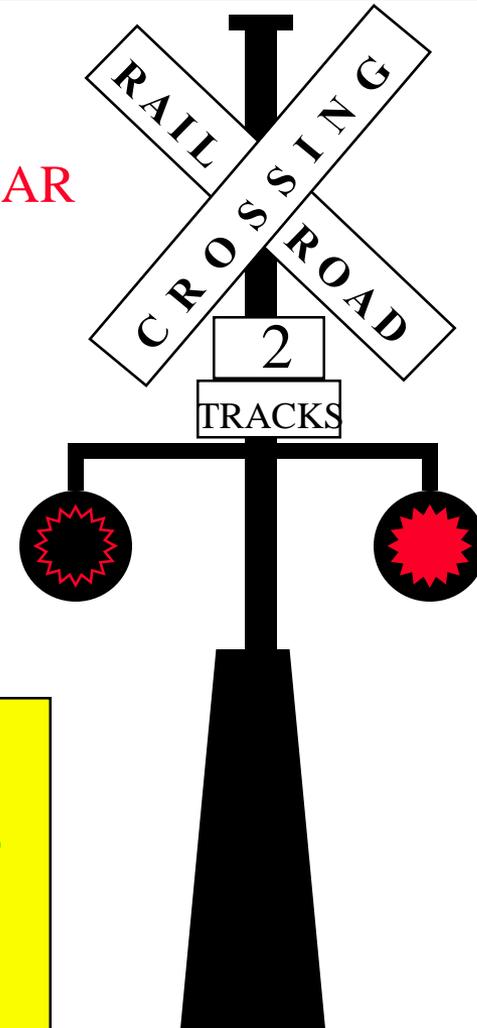
# FLASHING LIGHT SIGNALS



- ARE USED WITH CROSSBUCK SIGNS AT MOST HIGHWAY-RAIL CROSSINGS
- WHEN FLASHING, A TRAIN IS COMING
- STOP

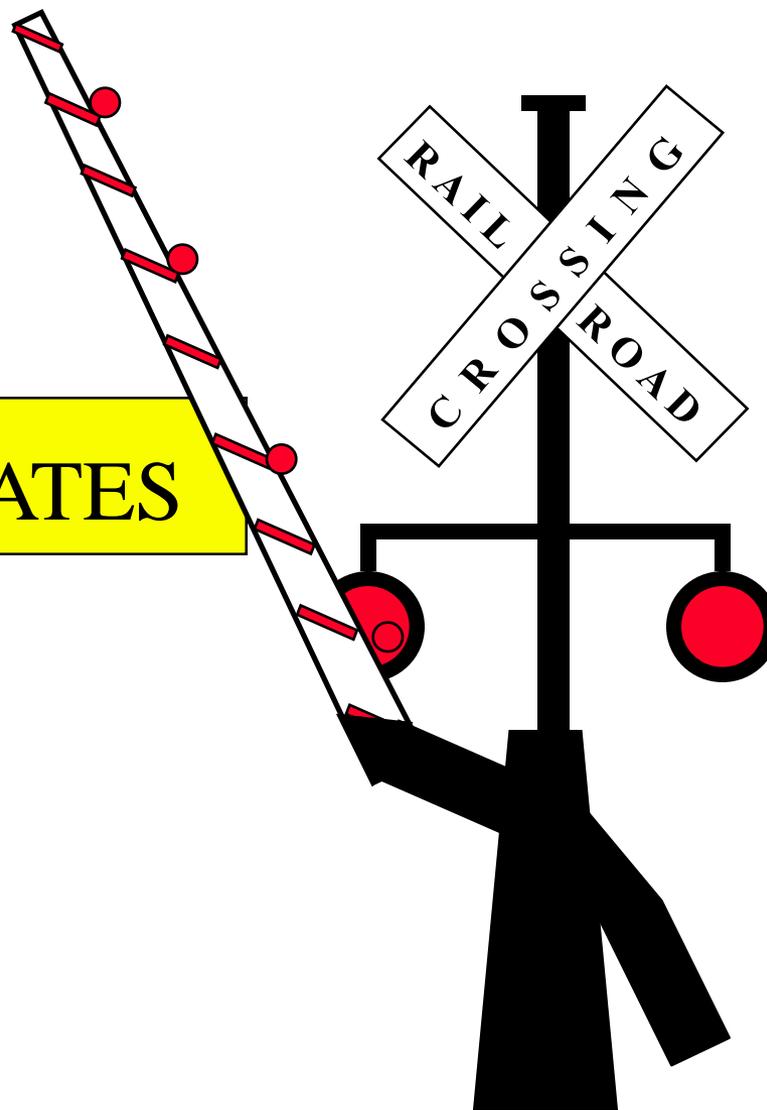
# FLASHING LIGHT SIGNALS

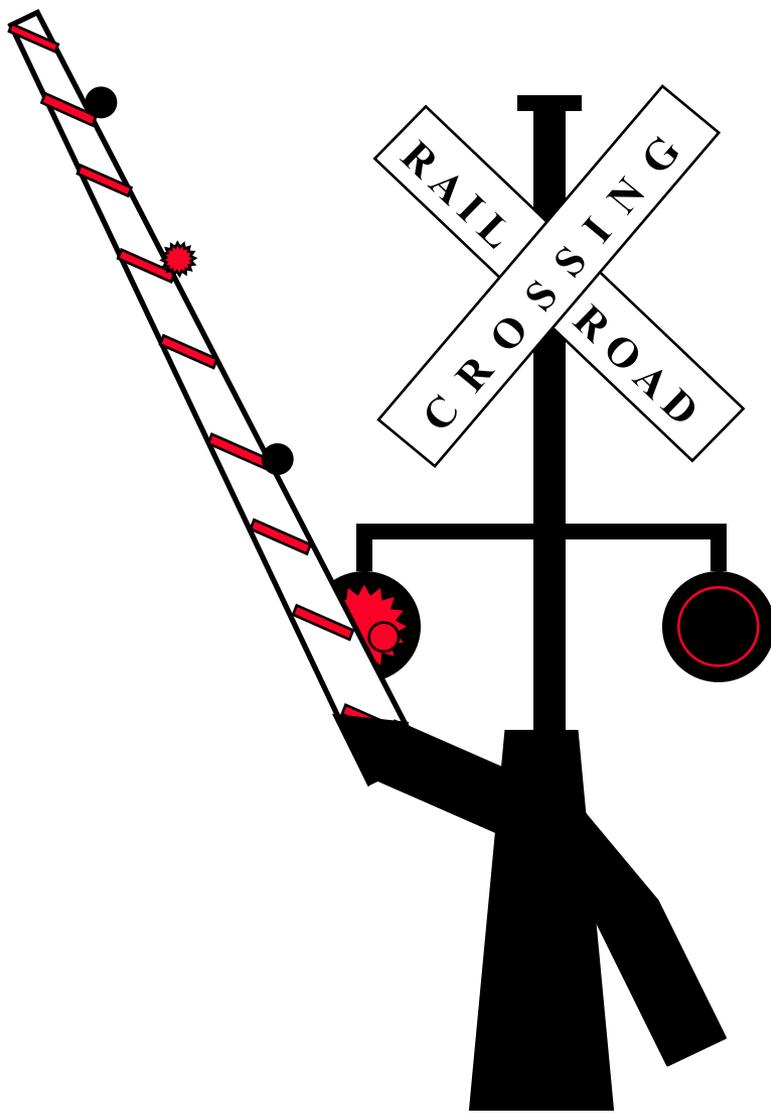
- NOTE: MAKE SURE ALL TRACKS ARE CLEAR BEFORE CROSSING.
- THE SECOND TRACK COULD KILL YOU!

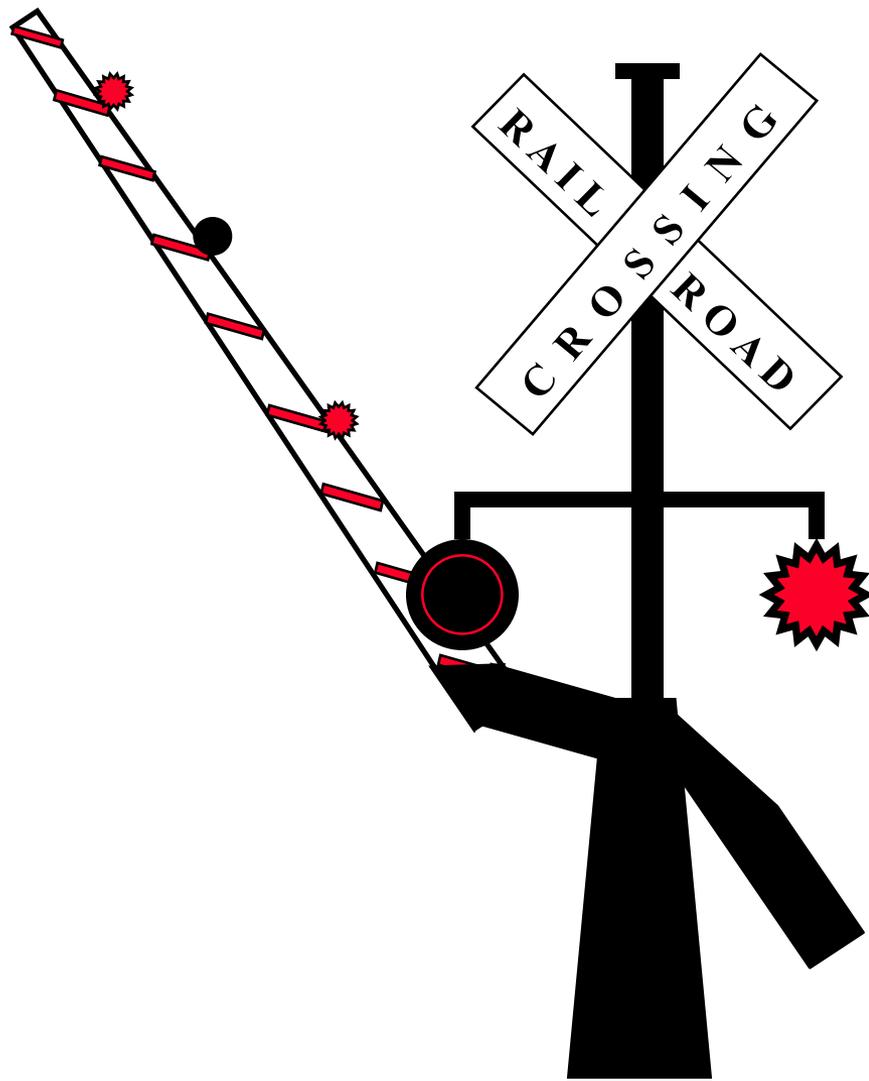


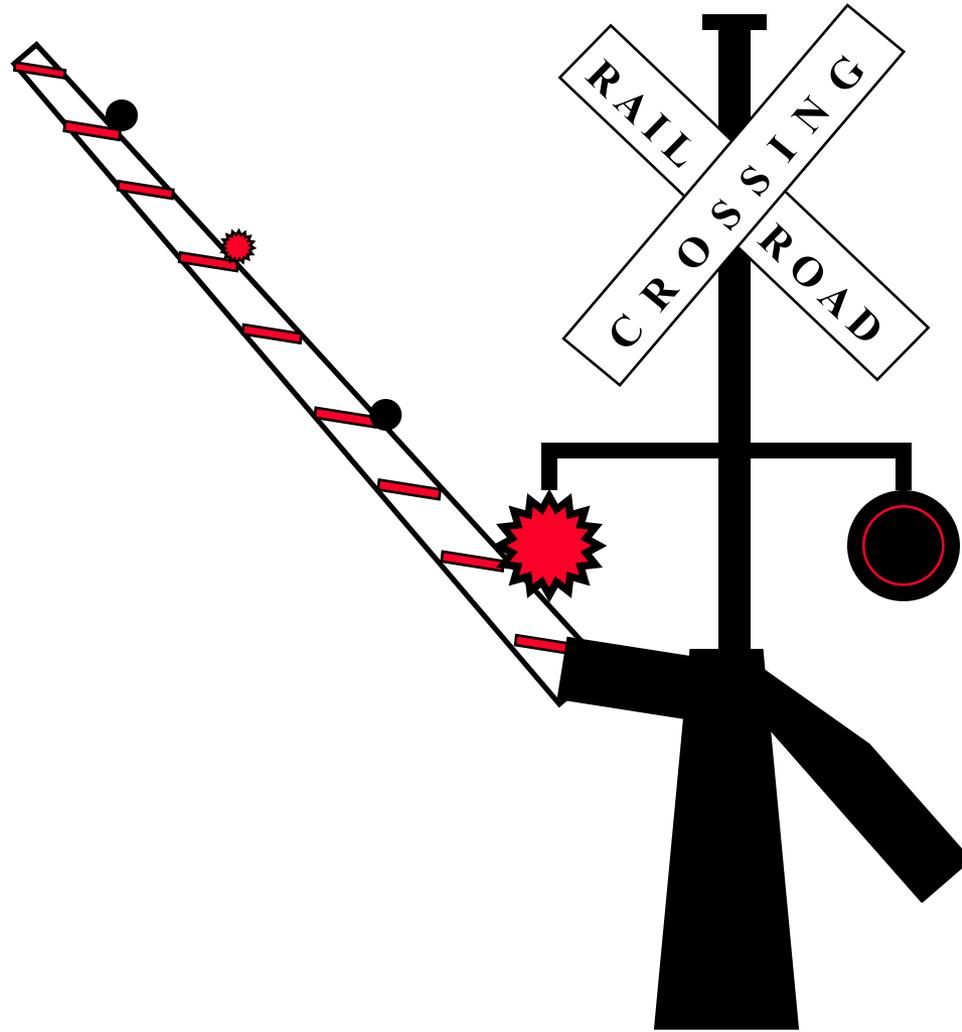
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- STOP

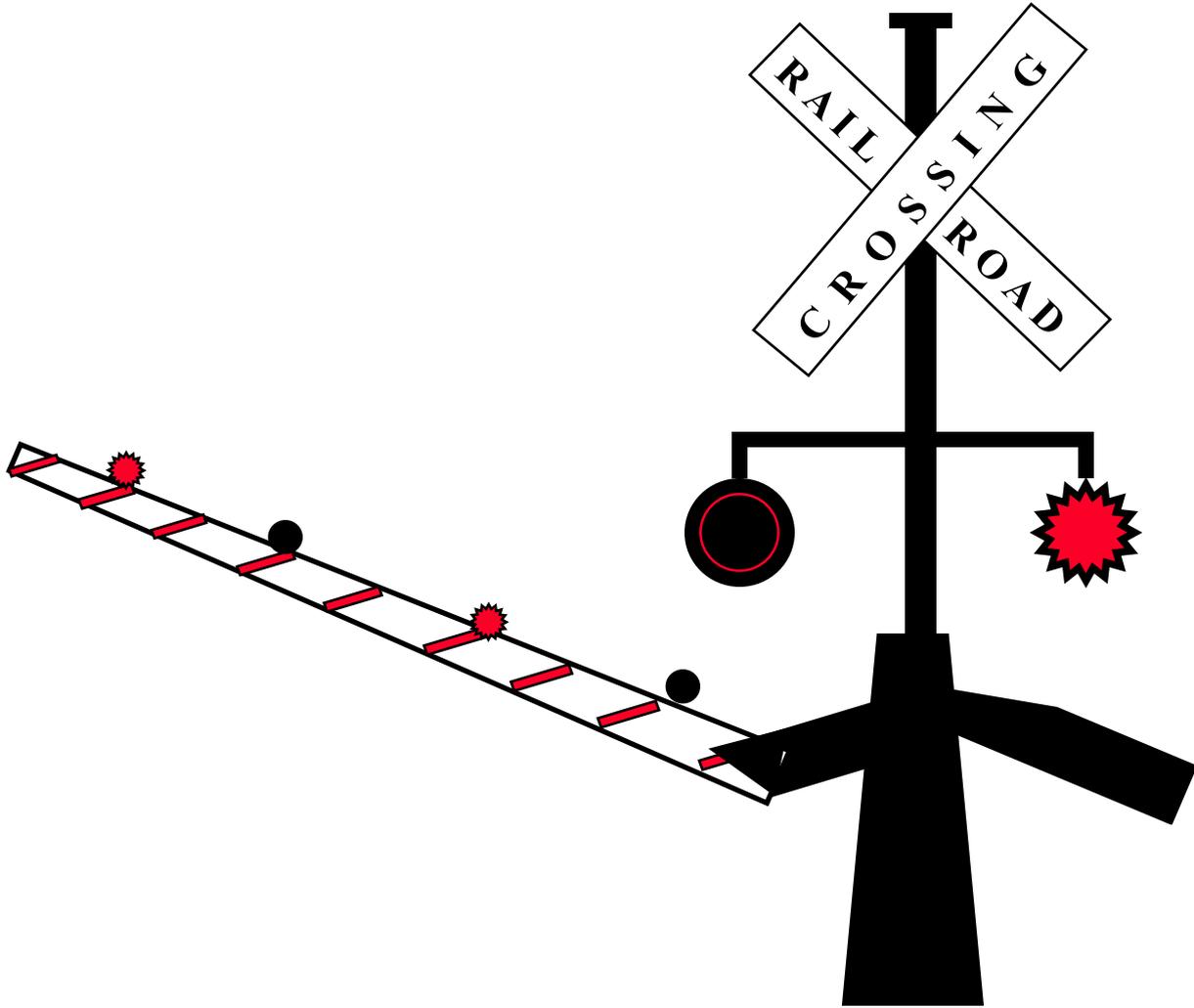
- CROSSING GATES

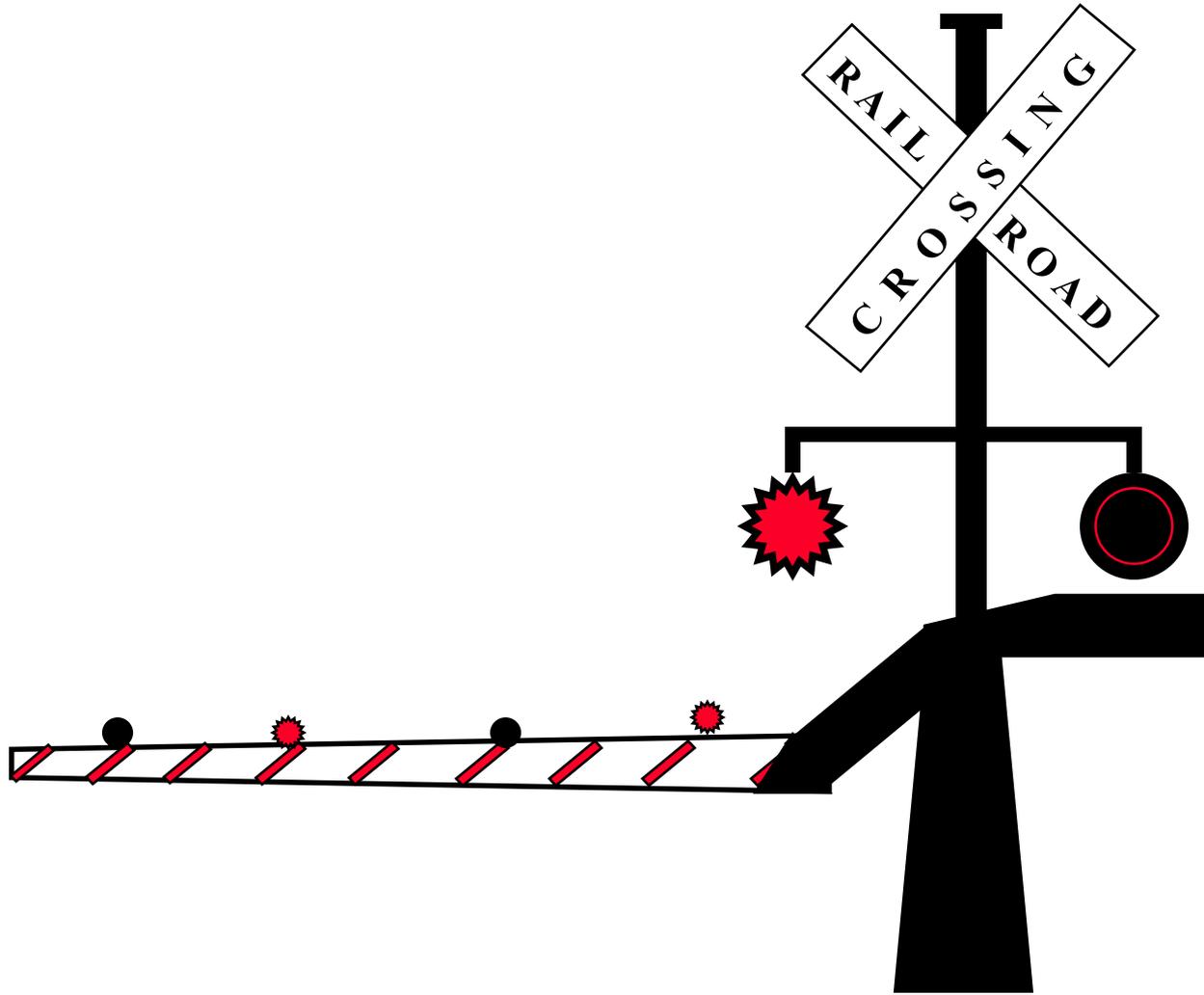


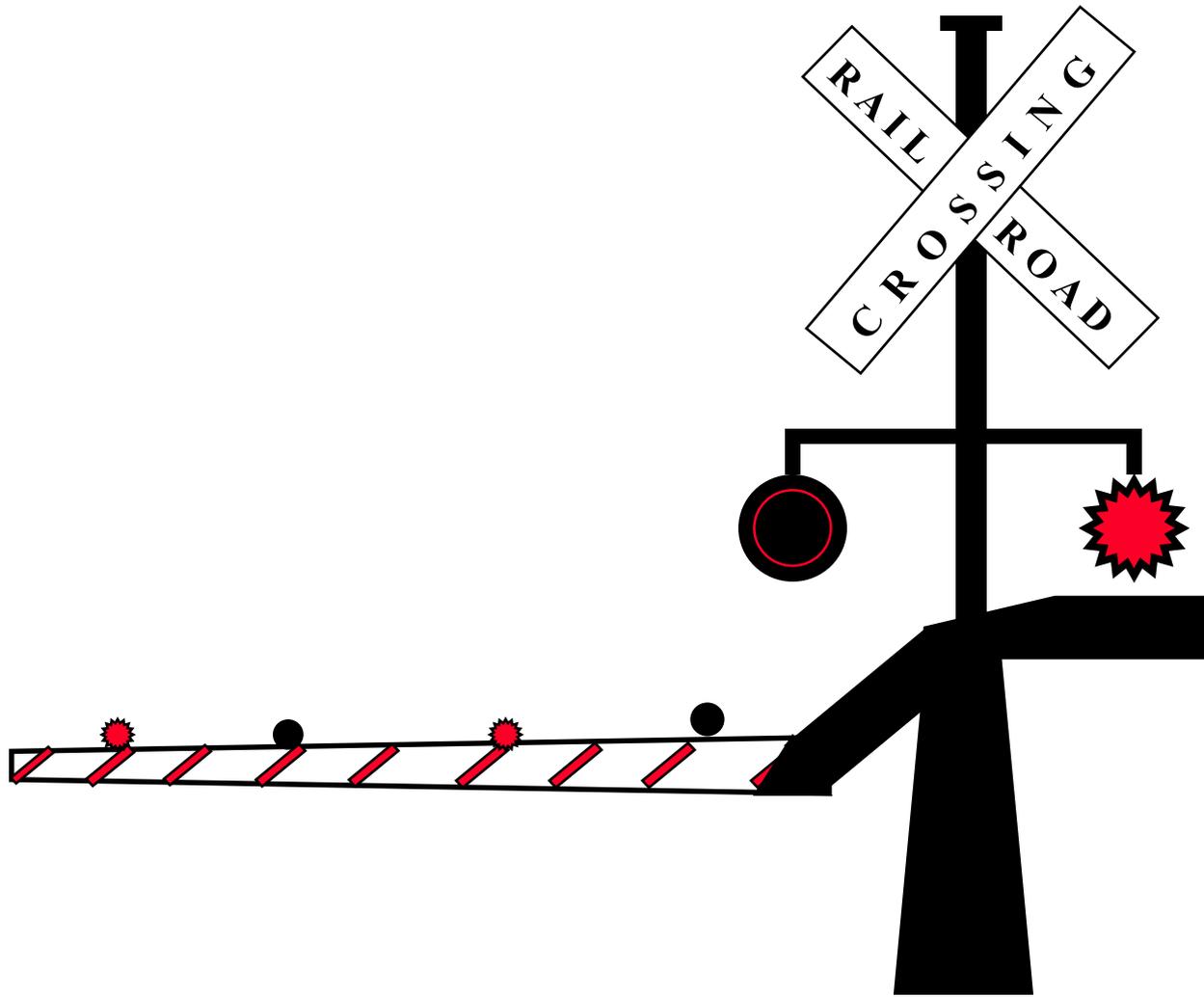


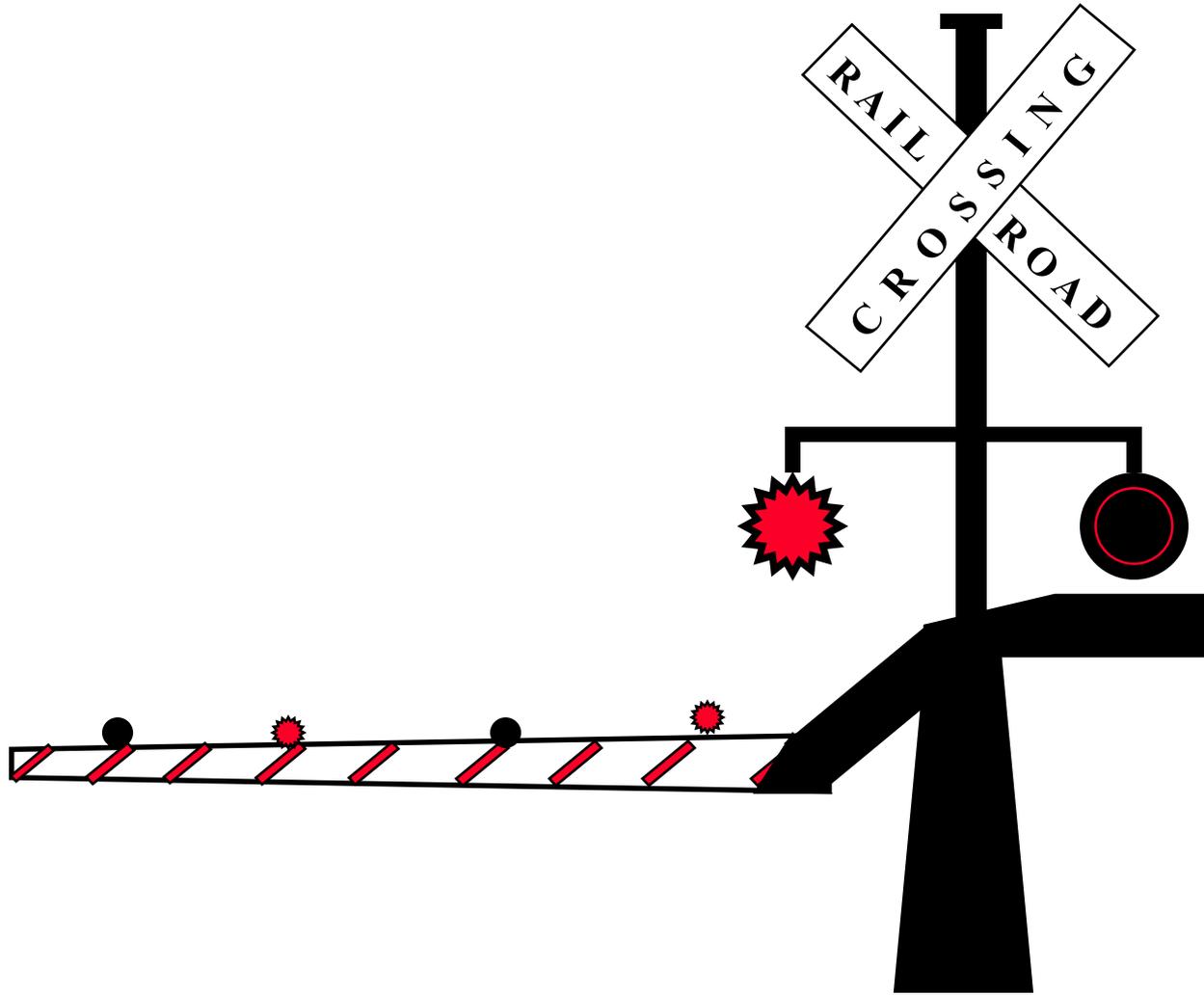


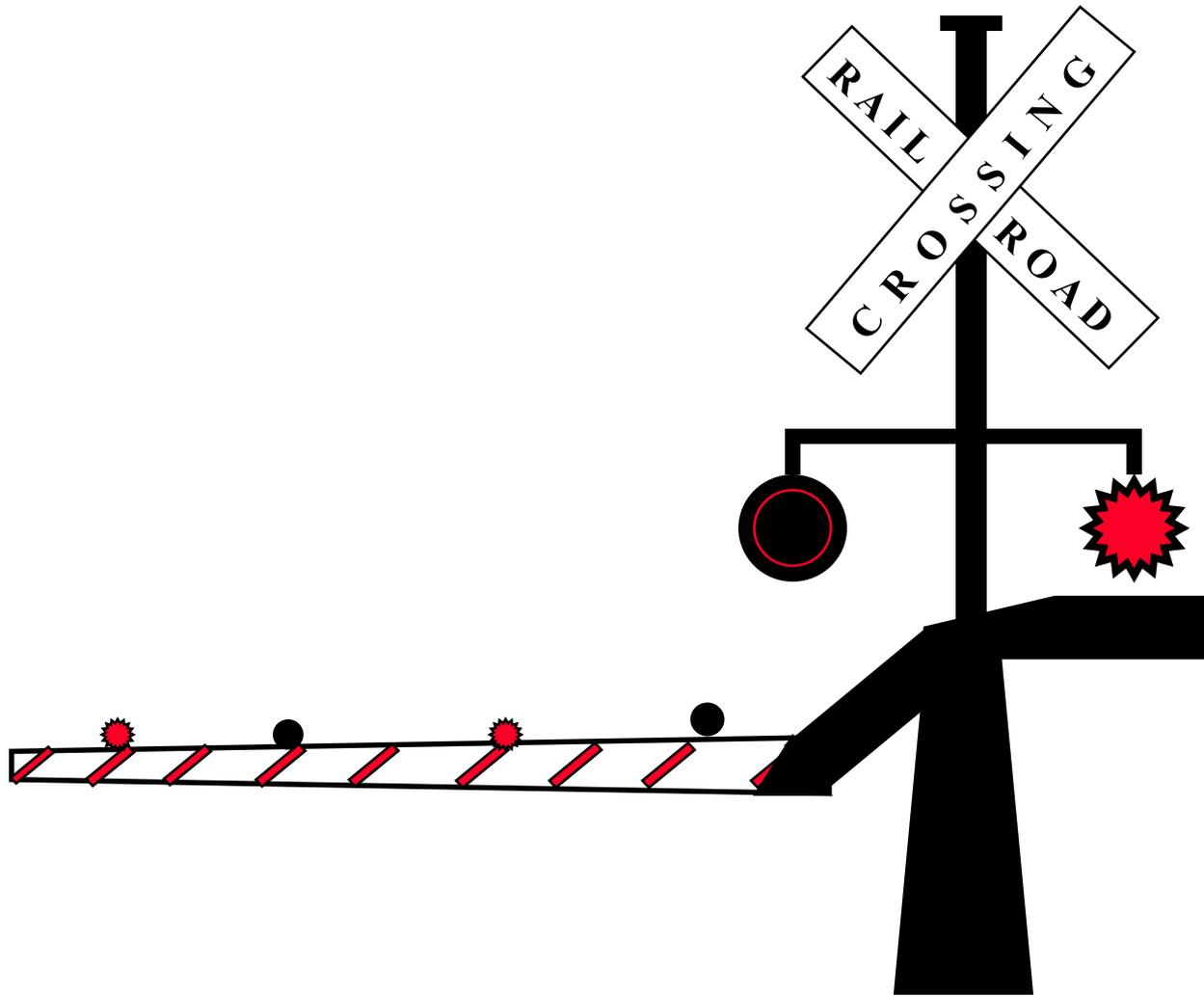


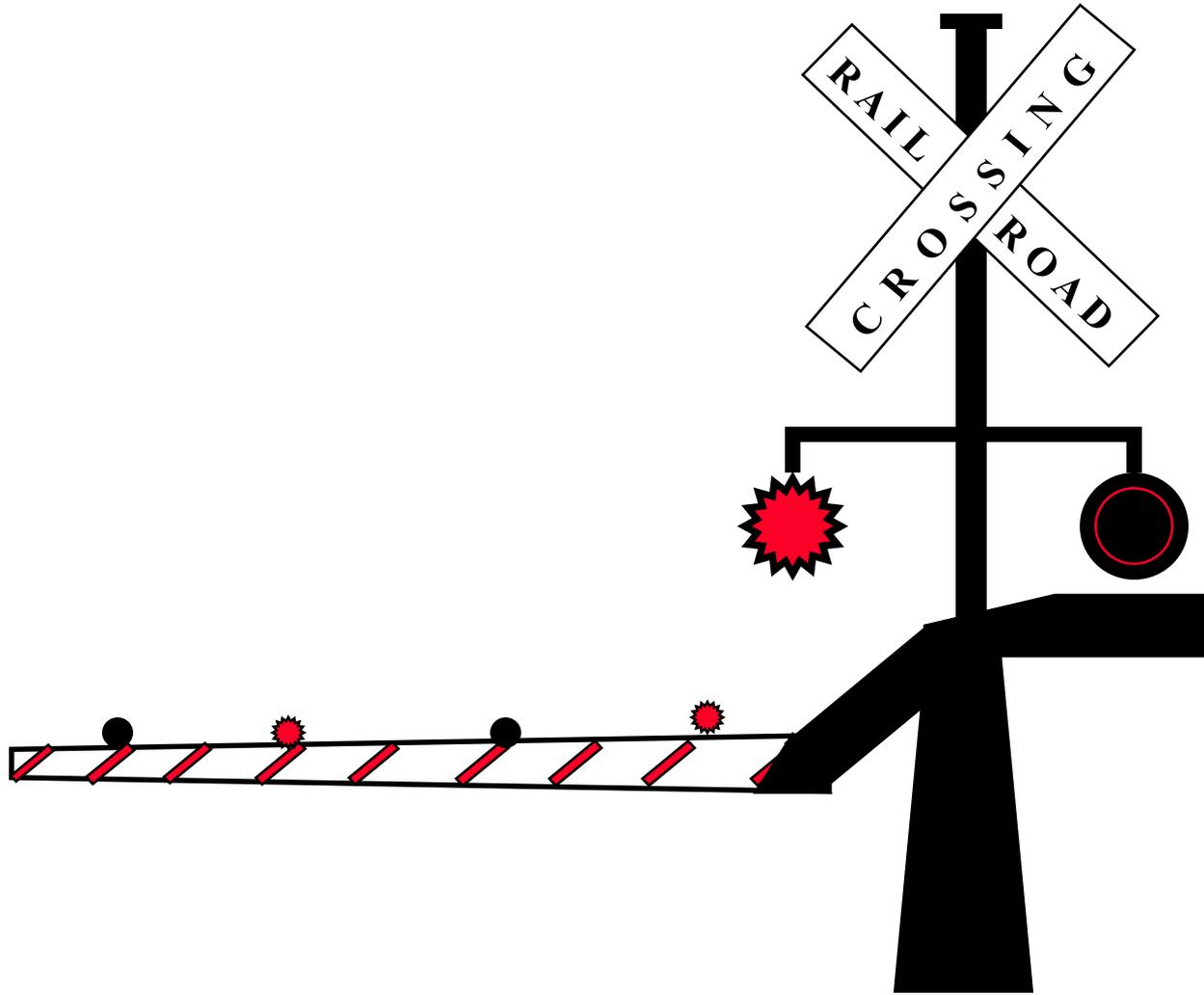






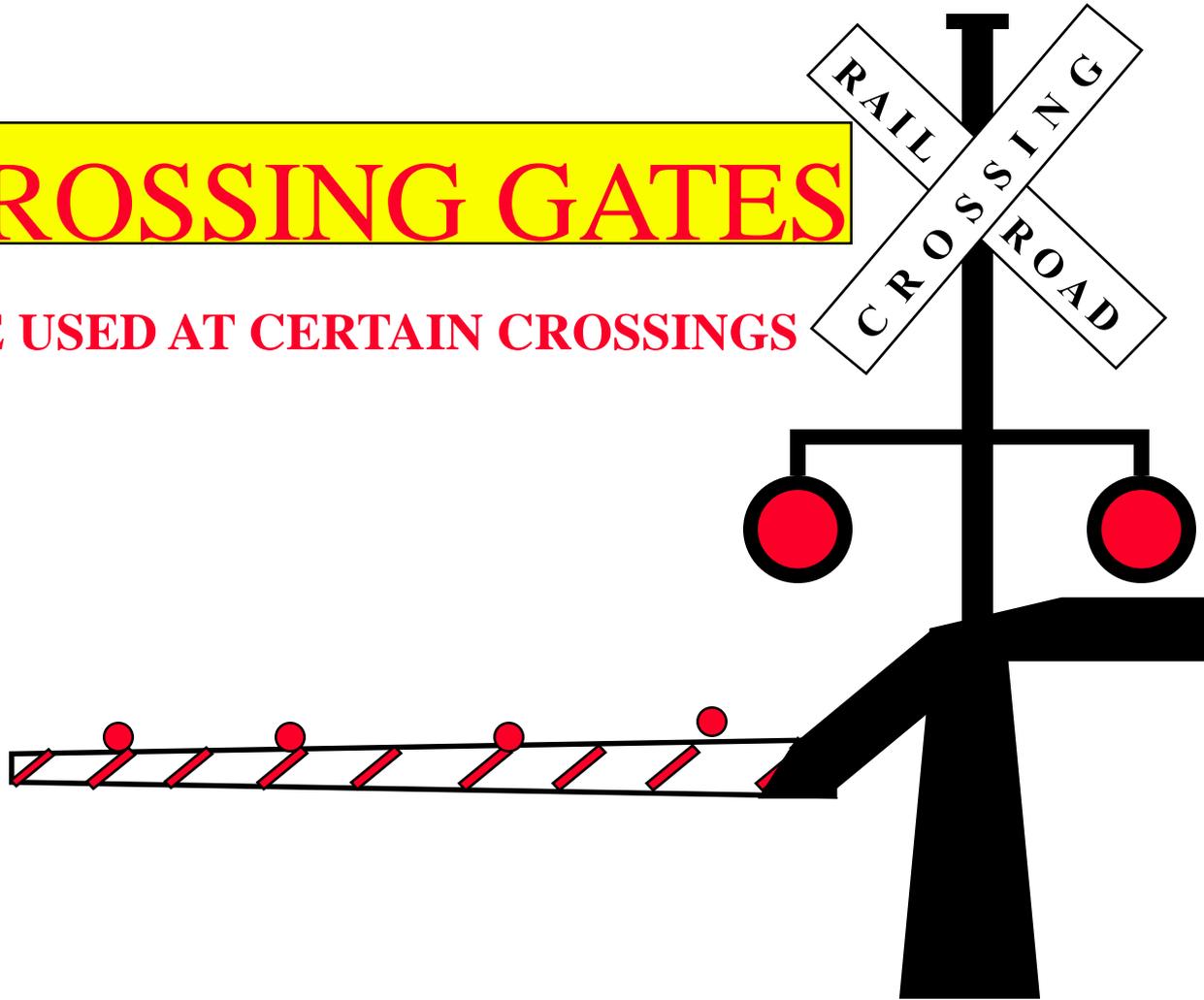






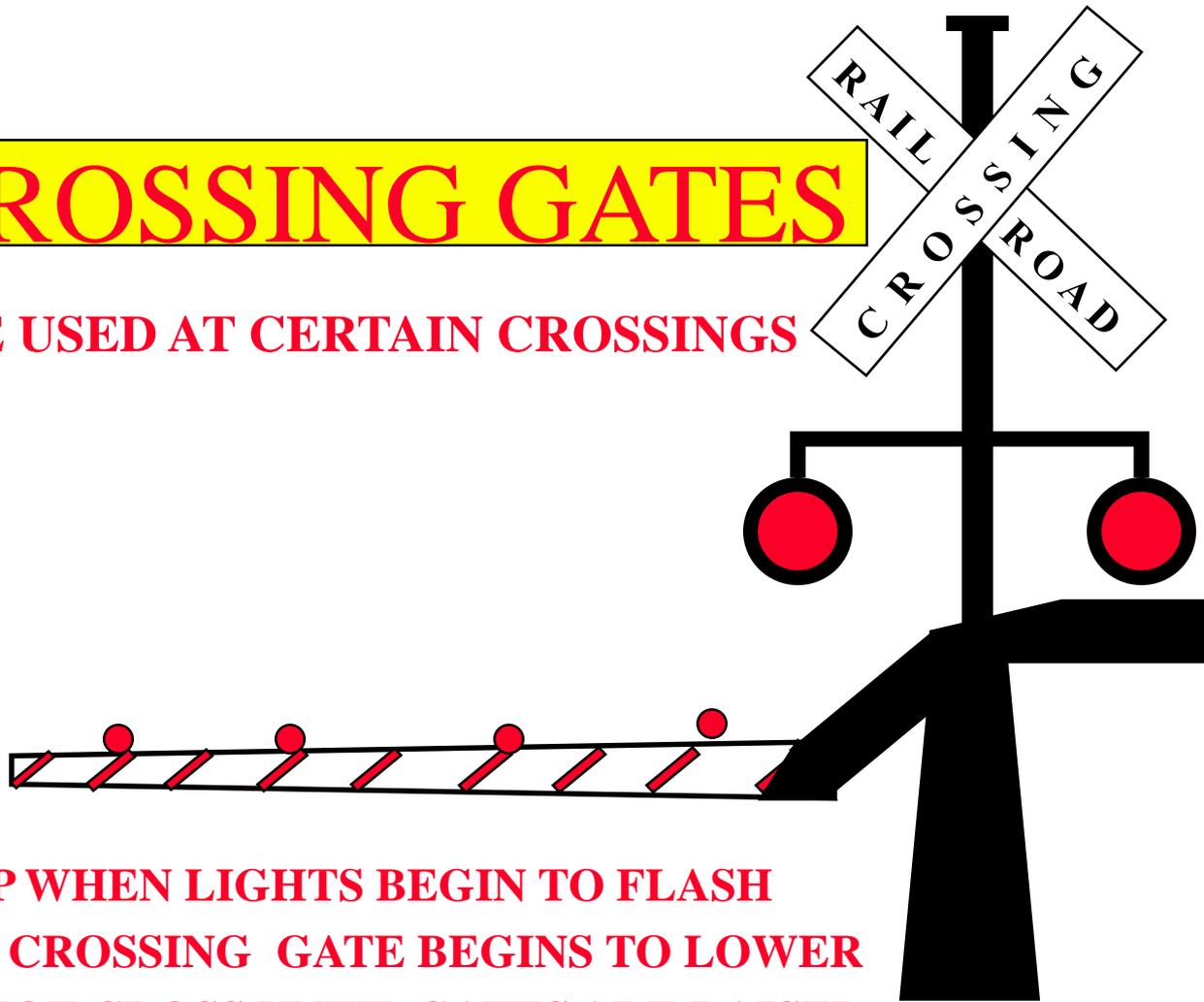
# CROSSING GATES

- ARE USED AT CERTAIN CROSSINGS



# CROSSING GATES

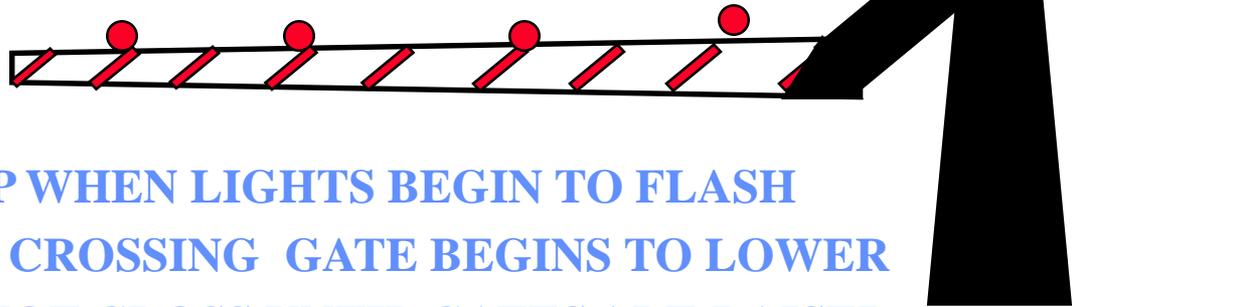
- ARE USED AT CERTAIN CROSSINGS



- STOP WHEN LIGHTS BEGIN TO FLASH
- AND CROSSING GATE BEGINS TO LOWER
- DO NOT CROSS UNTIL GATES ARE RAISED
- AND THE LIGHTS HAVE STOPPED FLASHING

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# SAFETY TIPS

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- EXPECT A TRAIN ON ANY TRACK
- AT ANY TIME

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- AT ANY TIME

Most trains do not travel on a regular schedule. Be cautious at a grade crossing at any time of the day or night.

# SAFETY TIPS

DON'T GET TRAPPED ON A GRADE CROSSING

# SAFETY TIPS

**DON'T GET TRAPPED ON A GRADE CROSSING**

**NEVER DRIVE ONTO A GRADE CROSSING UNTIL YOU ARE SURE YOU CAN CLEAR THE TRACKS. ONCE YOU ARE STARTED ACROSS THE TRACKS, KEEP GOING, ESPECIALLY IF YOU SEE A TRAIN**

# SAFETY TIPS

NEVER DRIVE AROUND THE GATES

# SAFETY TIPS

NEVER DRIVE AROUND THE GATES

IF THE GATES ARE DOWN, STOP AND STAY IN PLACE. DO NOT CROSS THE TRACKS UNTIL THE GATES ARE RAISED AND LIGHTS HAVE STOPPED FLASHING.

# SAFETY TIPS

WATCH OUT FOR THE SECOND TRAIN

# SAFETY TIPS

WATCH OUT FOR THE SECOND TRAIN

WHEN YOU ARE AT A MULTIPLE TRACK CROSSING AND THE LAST CAR OF THE TRAIN PASSES, DO NOT PROCEED UNTIL YOU ARE SURE THAT NO OTHER TRAIN IS COMING ON ANOTHER TRACK ESPECIALLY FROM THE OPPOSITE DIRECTION

# SAFETY TIPS

GET OUT OF YOUR VEHICLE IF IT STALLS

# SAFETY TIPS

GET OUT OF YOUR VEHICLE IF IT STALLS

IF YOUR VEHICLE STALLS AT A CROSSING, GET EVERYBODY OUT AND OFF THE TRACKS IMMEDIATELY

IF NO TRAIN IS IN SIGHT, POST LOOKOUTS AND TRY TO START THE VEHICLE OR PUSH IT OFF THE TRACKS

# SAFETY TIPS

NEVER RACE A TRAIN

# SAFETY TIPS

NEVER RACE A TRAIN

RACING A TRAIN TO A CROSSING IS  
**FOOLHARDY.**

YOU WILL NEVER HAVE A SECOND CHANCE IF  
YOU LOSE

# SAFETY TIPS

WATCH FOR VEHICLES THAT MUST STOP AT  
HIGHWAY-RAIL GRADE CROSSINGS

# SAFETY TIPS

WATCH FOR VEHICLES THAT MUST STOP AT  
HIGHWAY-RAIL GRADE CROSSINGS

BE PREPARED TO STOP WHEN YOU ARE  
FOLLOWING BUSES OR TRUCKS THAT ARE  
REQUIRED TO STOP AT HIGHWAY-RAIL GRADE  
CROSSINGS

# SAFETY TIPS

DON'T MISJUDGE THE TRAIN'S SPEED AND  
DISTANCE

# SAFETY TIPS

**DON'T MISJUDGE THE TRAIN'S SPEED AND DISTANCE**

**BECAUSE OF THE LARGE SIZE OF A TRAIN, IT APPEARS TO BE MOVING MUCH SLOWER THAN YOU THINK.**

**IF YOU HAVE ANY DOUBTS STOP AND WAIT FOR THE TRAIN TO PASS.**

# SAFETY TIPS

TRAINS CAN'T STOP QUICKLY... YOU CAN

# SAFETY TIPS

TRAINS CAN'T STOP QUICKLY... YOU CAN



30 MPH

.6 Miles



60 MPH

1.4 Miles (18 football fields)



STOPPING DISTANCES FOR THE AVERAGE TRAIN

# SAFETY TIPS

BE ESPECIALLY WATCHFUL AT NIGHT FOR  
HIGHWAY-RAIL GRADE CROSSING WARNING  
SIGNS



# SAFETY TIPS

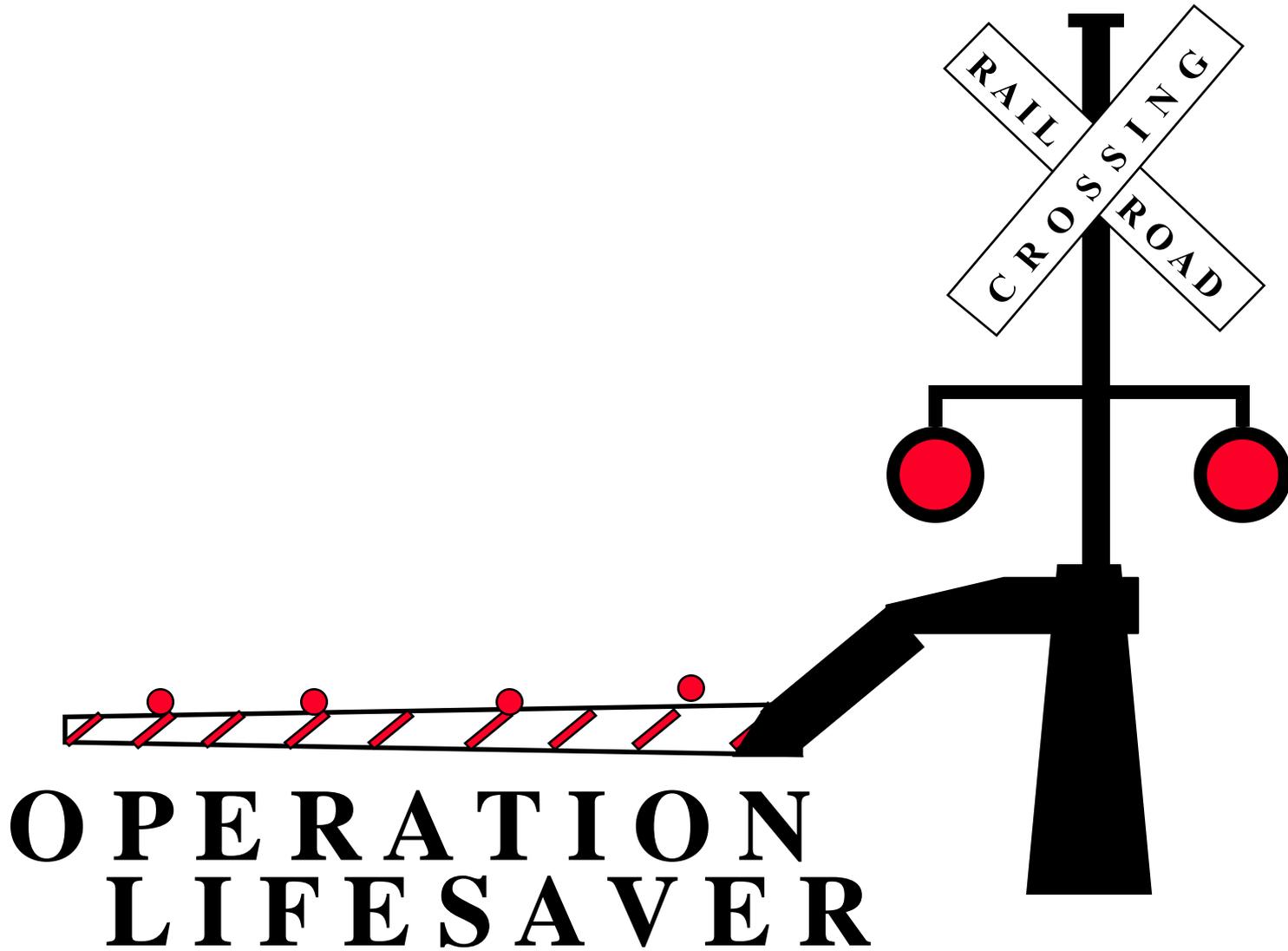
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AT NIGHT IT IS PARTICULARLY DIFFICULT TO  
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**OPERATION  
LIFESAVER**