

## **5. Back Up Maneuver**

### **Purpose**

To evaluate ability to back into a stall without touching the wheel limitation line, upright standards, flag tips, marker lines or barricade and park near the barricade and centered.

### **Instructions**

The stall is marked by upright standards at the front corners, ropes at the sides and a barricade at the back. A front wheel limitation line will be positioned on the ground perpendicular to the stall parallel standards.

The approach to the stall will be made from the right lane only (drive past and turn left).

An outside judge will start a three minute time limit when the front bumper passes the first upright standard. Within the three minute limit, the driver must park the bus inside the stall, place the transmission in neutral, set the park brakes and sound the horn (alternate signal – turn engine off) to signify completion of the backing part of this event.

Upon sound of horn, take two measurements, one to determine the centering of the bus and one to determine the distance from the rear bumper to the rear barrier.

Signal the driver when to resume. The bus must exit without hitting the barricade, side stall ropes, upright standards, flags or wheel limitation line. No penalty for repositioning.

### **Scoring**

The following demerits will be deducted from the *Maximum Score* for infractions during:

#### Outside Judge

- 40 demerits Tire touches/crosses the wheel limitation line (enter or exit), Bus touches the front upright standards (enter or exit), Bus touches stall side standards (entering or exiting), Bus touches rear barrier (entering or exiting), Failure to park the bus and sound the horn within the three minute limit, Failure to pull out between the front upright standards without striking standards
- 20 demerits Each instance of bus touching front flag tips.
- 4 demerits Each instance of forward motion after the first back up (max - 20 demerits)
- 3 demerits Bus parked forward of one (1) foot free zone and each six (6) inches or fraction thereof (maximum of 30 demerits)
- 2 demerits Each inch where bumper centerline is more than one inch from stall center line. (maximum of 12 demerits)

#### Inside Judge

- 40 demerits Failure to properly wear a seat belt, Failure to remain fully seated during the event, Failure to keep door closed during event

### **Maximum Score**

Forty (40) points

# *Driving Skills Competition*

## *Outside Score Sheet*

### *5. Back Up Maneuver*

**Contestant Number:** \_\_\_\_\_

Infraction	Demertis
Tire touches or crosses wheel limitation line (40 demerits)	
Bus touches the front upright standards (40 demerits)	
Tire touches the stall side standards (ropes) (40 demerits)	
Bus touches the rear barrier (40 demerits)	
Failure to pull out between the front upright standards without striking standards (40 demerits)	
Failure to park and sound horn within 3 minute limit (40 demerits)	
Each instance of bus touching front flag tips (20) (40) <span style="float: right;">Maximum of 40 demerits)</span>	
Each instance of forward motion after the first back up (4) (8) (12) (16) (20) <span style="float: right;">(Maximum of 20 demerits)</span>	
Bus parked forward of the 1' free zone - 3 demerits each 6" (3) (6) (9) (12) (15) (18) (21) (24) (27) (30)	
Bus parked with rear bumper more than 1" off center line - 2 demerits each (2) (4) (6) (8) (10) (12) <span style="float: right;">(Maximum of 12 demerits)</span>	

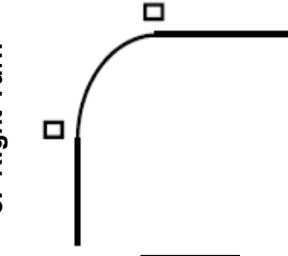
Total Demerits	(Maximum of 40)	
Time for Maneuver (3 Min. Max.)	Min:Sec	_____

\_\_\_\_\_  
Event Judge Signature

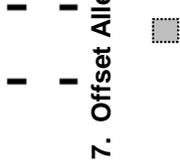
\_\_\_\_\_  
Date

State School Bus Road-E-o Course

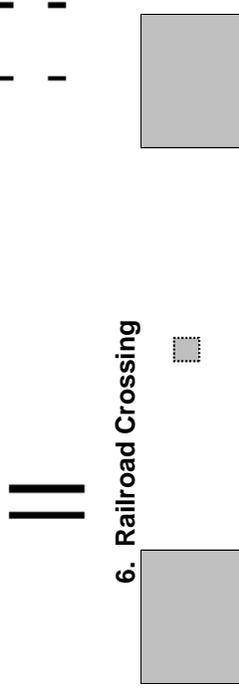
8. Right Turn



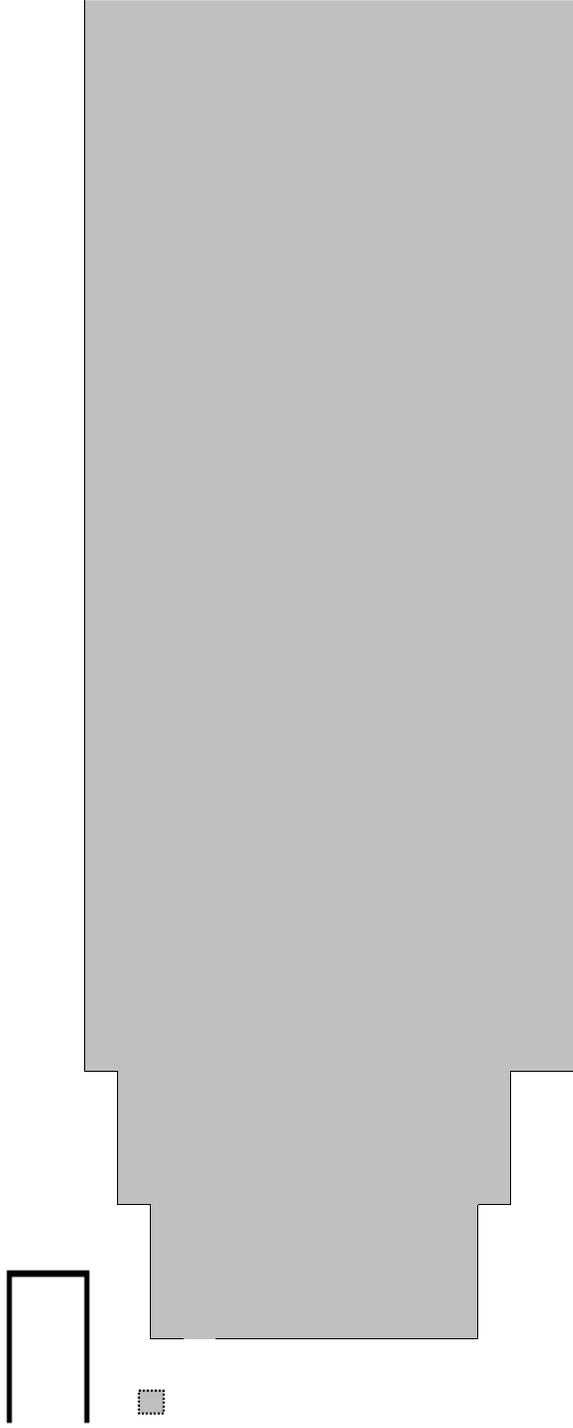
7. Offset Alley



6. Railroad Crossing



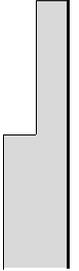
5. Back Up



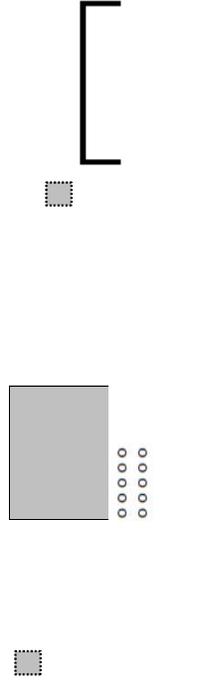
Course  
Start/End

Staging  
Area

4. Straight Line



3. Parallel Parking



2. Stop Line



1. Diminishing Clearance

