

1A - Driver/Operator Required Activities

Activity 3-3-1: Alley Dock

Alley Dock

Activity 3-3-1

Format: Individual

Time Frame: Open (based on a total of 16:00 hours for skills practice and completion)

Description

This activity provides students with an opportunity to measure a driver/operator's ability to drive past a simulated dock or stall, back the apparatus into the space provided, and stop smoothly.

Materials

- Fire apparatus
- Tape measure
- Traffic cones
- Delineators
- Extra traffic cones and delineators available

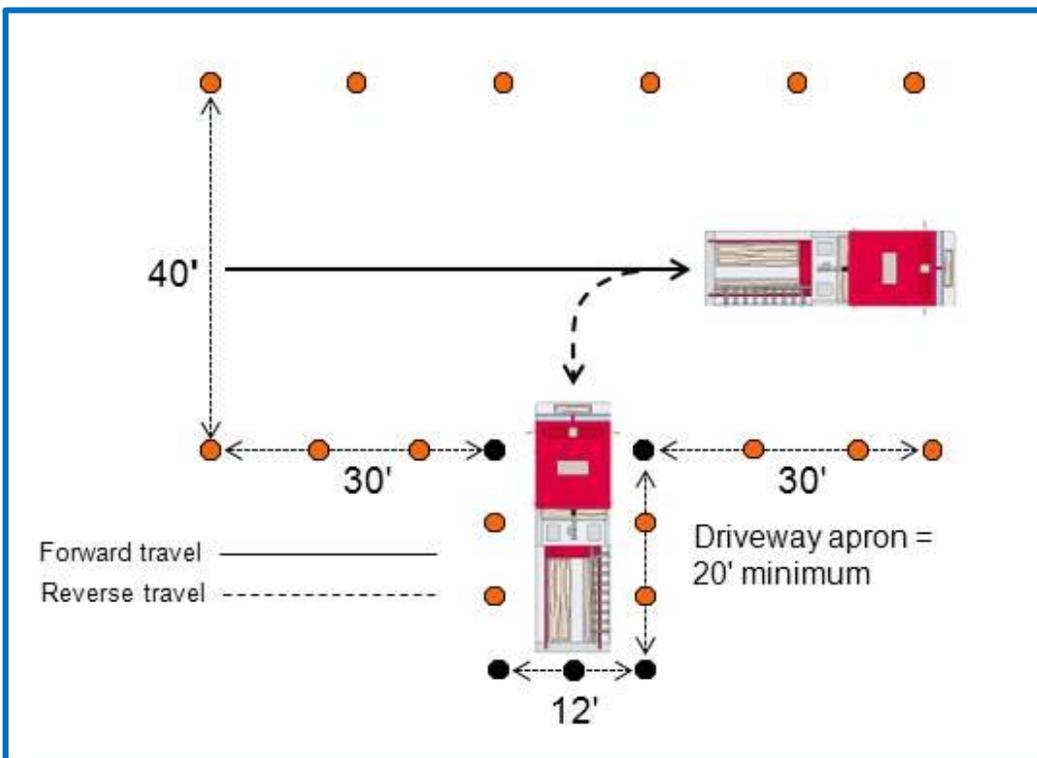
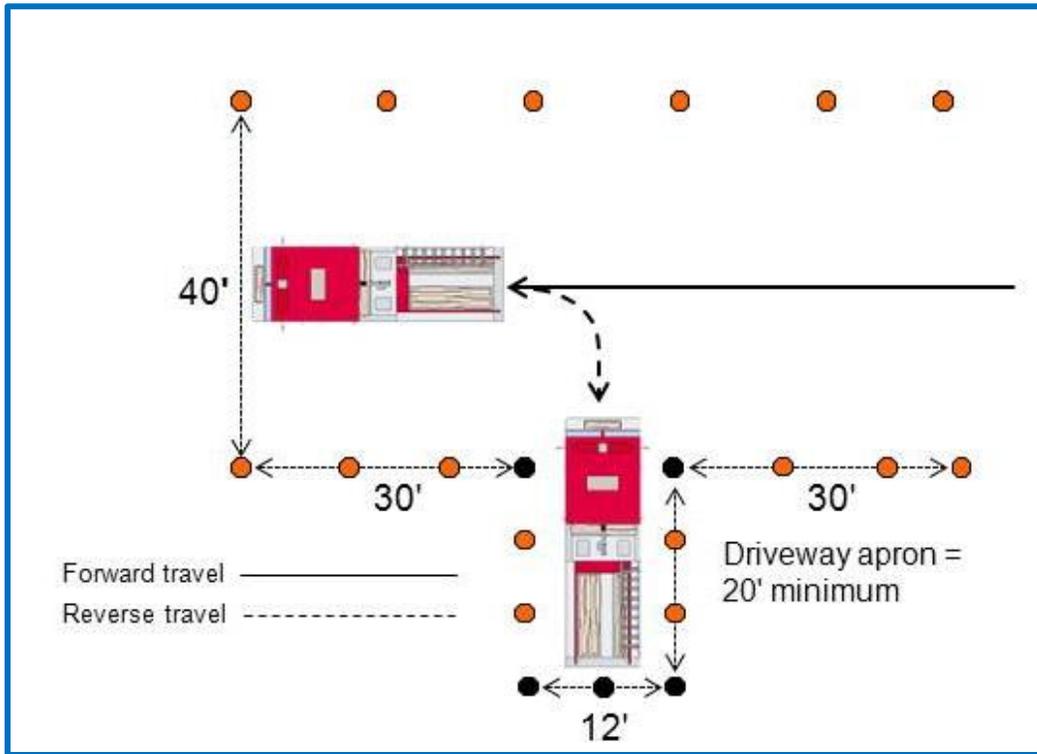
Instructions

1. Establish two boundary lines 40 feet apart and approximately 72 feet long using traffic cones.
2. Simulate a stall by arranging five (5) delineators off one boundary line, 12 feet apart, and approximately 20 feet long.
3. For larger apparatus, course measurements will need to be modified.
4. Place traffic cones on each side of the stall between the delineators.
5. The driver/operator passes the delineators with the stall on the left and then backs the apparatus, using a left turn, into the stall.
6. Repeat the exercise with the stall on the right side, using a right turn.

1A - Driver/Operator Required Activities

Activity 3-3-1: Alley Dock

Activity Illustrations



Driver/Operator

Activity 3-3-2: Station Parking

Station Parking

Skill 3-3-2

Format: Individual

Time Frame: Open (based on a total of 16:00 hours for skills practice and completion)

Description

This exercise measures the driver/operator's ability to back the apparatus into an apparatus bay.

Materials

- Fire apparatus
- Tape measure
- Traffic cones
- Delineators
- Left front tire marker
- Optional straight line marker
- Extra traffic cones and delineators available

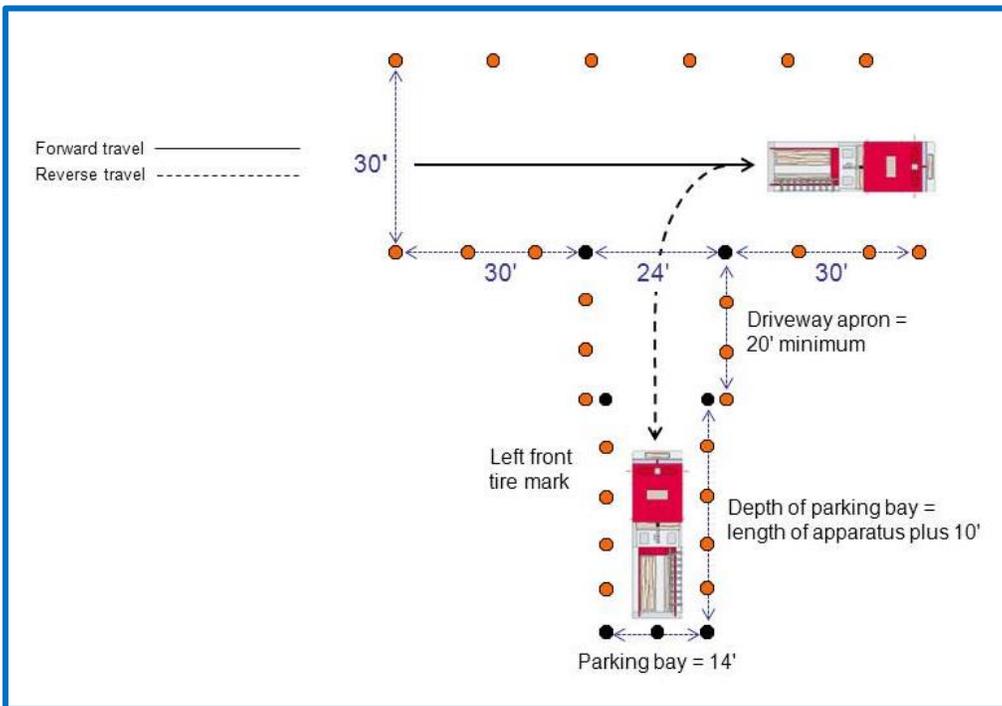
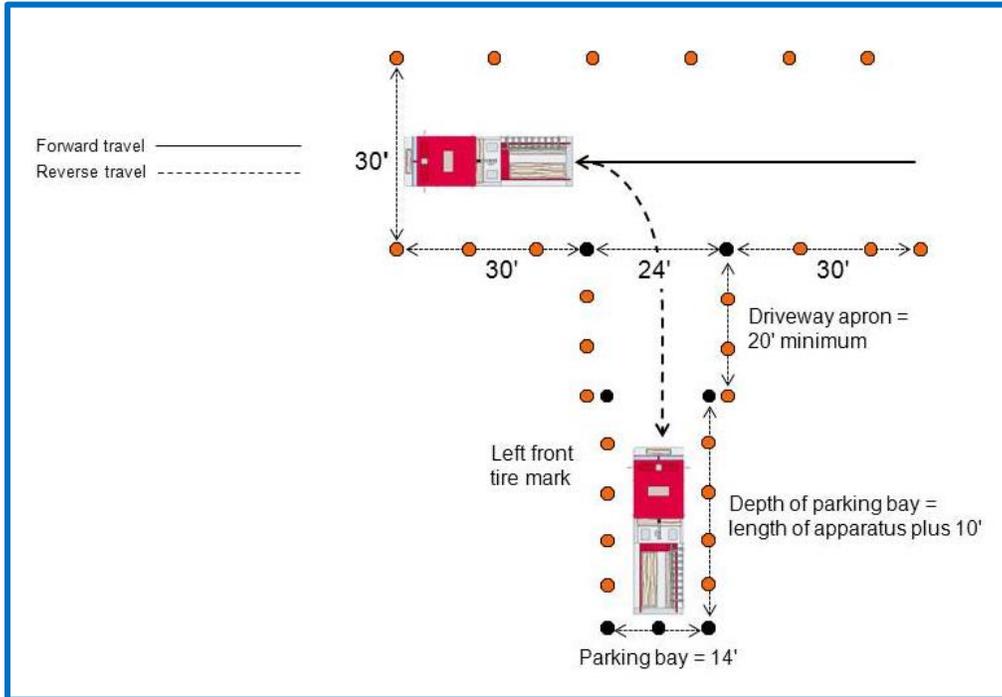
Instructions

1. Establish two boundary lines 30 feet apart using traffic cones to simulate a street.
2. Simulate a driveway apron by arranging four (4) delineators off one boundary line, 24 feet wide, and a minimum of 20 feet long.
 - The instructor can increase the setback from the street based on the representative needs of the area.
3. Place traffic cones on each side of the driveway apron between the delineators.
4. Simulate the entrance to the apparatus bay by placing two (2) delineators 12 feet apart.
5. Place three (3) delineators at the back of the apparatus bay. This depth is determined by the length of the apparatus plus 10 feet.
6. Place traffic cones on each side of the apparatus bay between the delineators.
7. Place a marker on the ground to indicate to the driver/operator the proper position of the left front tire of the apparatus once stopped and parked.
8. An optional straight line can be placed on the floor of the apparatus bay to assist the driver/operator while backing the apparatus, facilitating the use of apparatus mirrors.
9. The driver/operator passes the delineators identifying the driveway apron on the left and then backs the apparatus, using a left turn, into the apparatus bay.
10. Repeat the exercise with the driveway apron on the right side, using a right turn.

Driver/Operator

Activity 3-3-2: Station Parking

Activity Illustrations



Driver/Operator

Activity 3-4-1: Serpentine

Serpentine

Skill 3-4-1

Format: Individual

Time Frame: Open (based on a total of 16:00 hours for skills practice and completion)

Description

This exercise measures a driver/operator's ability to steer the apparatus both forward and backward in close limits without stopping.

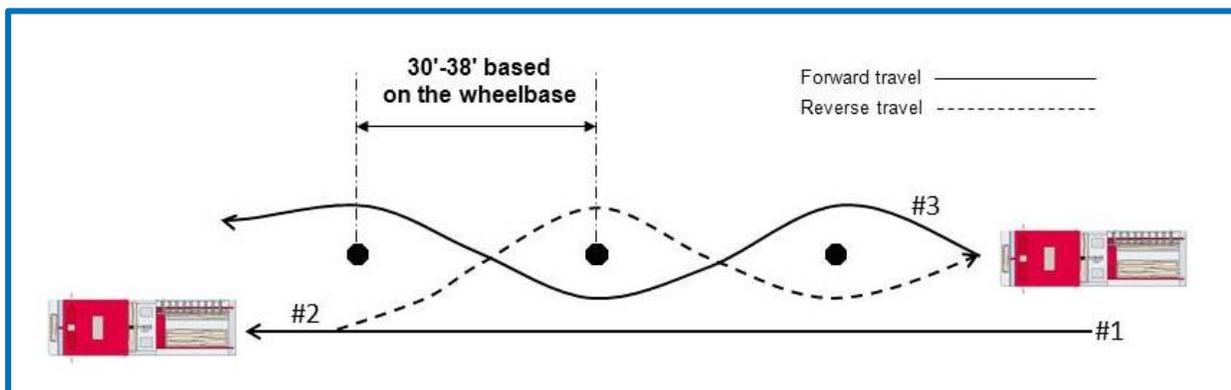
Materials

- Fire apparatus
- Tape measure
- Three (3) delineators

Instructions

1. Establish the course or path of travel for this exercise by placing a minimum of three delineators in a straight line.
 - The spacing of the delineators is based on double the wheelbase of the apparatus being used.
2. Provide adequate space on each side of the delineators for the apparatus to move freely.
3. The driver/operator drives the apparatus along the left side of the markers in a straight line and stops just beyond the last delineator.
4. The driver/operator then begins the exercise by backing the apparatus between the delineators by passing to the left of delineator #1, to the right of delineator #2, and to the left of delineator #3.
5. At this point, the driver stops the apparatus and then drives it forward between the delineators by passing to the right of delineator #3, to the left of delineator #2, and to the right of delineator #1.

Activity Illustration



Driver/Operator

Activity 3-5-1: Confined Space Turnaround

Confined Space Turnaround

Skill 3-5-1

Format: Individual

Time Frame: Open (based on a total of 16:00 hours for skills practice and completion)

Description

This exercise measures the driver/operator's ability to turn the apparatus around in a confined space without striking obstacles.

Materials

- Fire apparatus
- Tape measure
- Traffic cones or paint
- Two (2) delineators

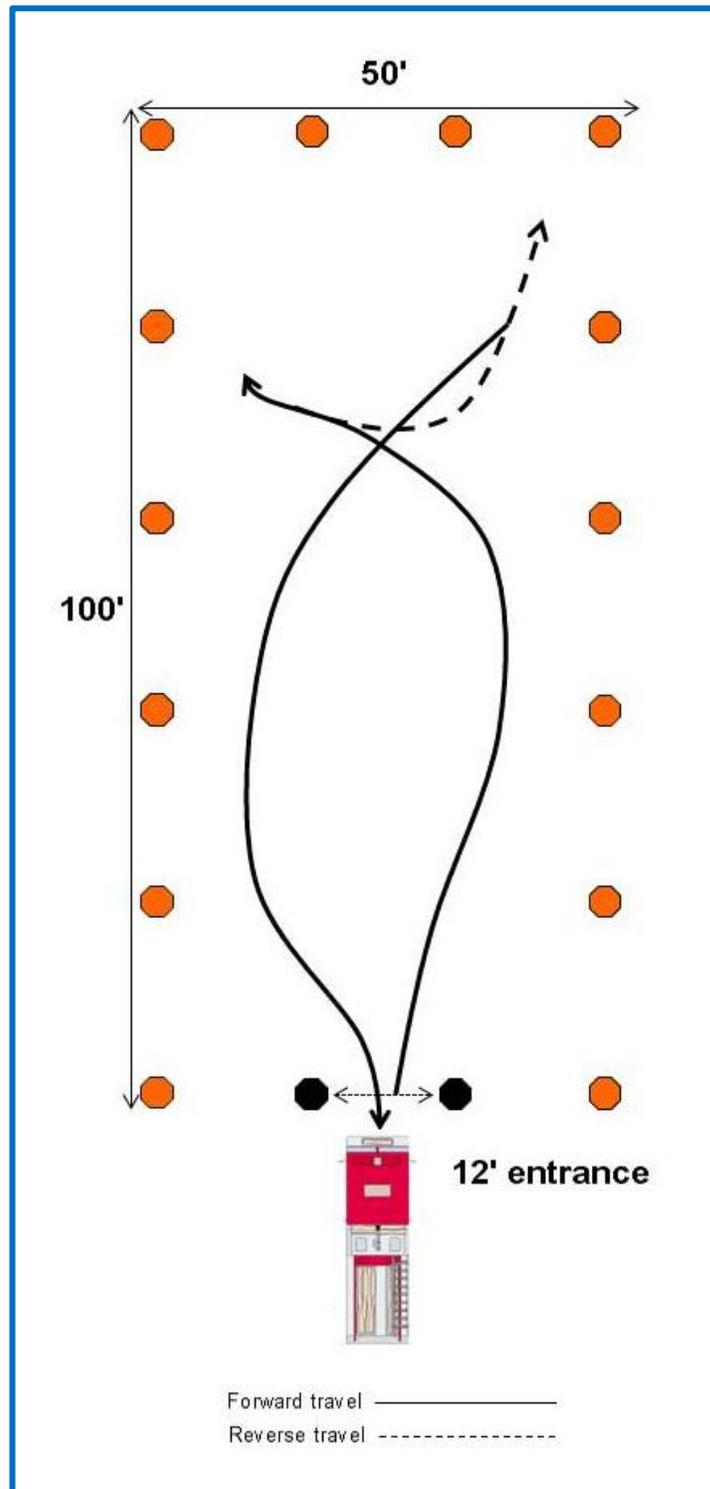
Instructions

1. Establish an area 50 feet × 100 feet by painting lines on the ground or using traffic cones.
2. For larger apparatus, course measurements will need to be modified.
3. Establish an opening by placing two (2) delineators 12 feet apart in the center of one of the 50-foot legs.
4. The driver/operator drives into the area through the 12-foot opening, turns the apparatus 180 degrees, and returns through the opening.
5. There is no limit on the number of times the driver/operator maneuvers the apparatus to accomplish this exercise. However, no portion of the apparatus should extend over the boundary lines of the space.

Driver/Operator

Activity 3-5-1: Confined Space Turnaround

Activity Illustration



Driver/Operator

Activity 3-6-1: Diminishing Clearance

Diminishing Clearance Exercise

Activity 3-6-1

Format: Individual

Time Frame: Open (based on a total of 16:00 hours for skills practice and completion)

Description

This exercise measures a driver/operator's ability to steer the apparatus in a straight line, judge distances both horizontal and vertical, and stop at a finish line. The driver/operator's speed should be great enough to necessitate quick judgment.

Materials

- Fire apparatus
- Tape measure
- Traffic cones
- Four (4) delineators
- Vertical obstacle

Instructions

1. Establish a 75-foot lane using traffic cones.
2. The lane varies in width from 9'6" to a diminishing clearance that is 2" greater than the outside dimension of the tires on the apparatus being used.
3. Establish a finish line at the end of the lane that is 20 feet longer than the apparatus using traffic cones and at least one (1) delineator.
4. Establish at least one (1) adjustable vertical obstacle in the lane.
5. The driver/operator maneuvers the apparatus through this lane without touching the traffic cones or the vertical obstacle.
 - If the driver/operator determines the apparatus cannot clear the vertical obstacle, he or she should stop the apparatus.
6. The driver/operator stops the apparatus at the finish line with no portion of the apparatus protruding beyond the finish line.
7. The driver/operator drives back through the lane without touching the traffic cones or the vertical obstacle.
 - If the driver/operator determines the apparatus cannot clear the vertical obstacle, he or she should stop the apparatus.
8. The driver/operator stops after the front of the apparatus passes the last traffic cone.

Driver/Operator

Activity 3-6-1: Diminishing Clearance

Activity Illustration

