







Dear Drivers, Judges and Spectators,

Welcome to the ALTRANS Bus & Paratransit Training Roadeo.

This Training Roadeo is an opportunity for bus and paratransit drivers to challenge themselves and improve their driving skills while also having an enjoyable time connecting with their peers. Although it's true that this activity is primarily considered a training activity, the State of Alabama has produced 5 CTAA National Roadeo Champions with a total combined 9 wins. Alabama has more CTAA National Roadeo wins than any other state. (See the honoree list of CTAA Roadeo Champions below.)

Our Drivers and Agencies have a proud tradition of not only applying ourselves to safety training but also having a great time while doing so. Please take the time to review this packet and observe all safety rules and protocols. We wish you the best of luck and hope you enjoy participating in the 2020 ALTRANS Bus & Paratransit Training Roadeo.

Sincerely,

Garry Havron
Director
UAH – Office of Public Transportation

### **ALABAMA/CTAA NATIONAL ROADEO WINNERS**

Lenzy Williams (BRATS) - 2000 and 2008 CTAA National Roadeo Champion and Driver of the Year Dwayne Brannon (BRATS) - 2002 and 2007 CTAA National Roadeo Champion and Driver of the Year Ron Stewart (BRATS) - 2010 and 2012 CTAA National Roadeo Champion and Driver of the Year Aaron Jasso (BRATS) - 2017 CTAA National Roadeo Champion and Driver of the Year Wade Hancock (CARTS) - 2018 and 2019 CTAA National Roadeo Champion and Driver of the Year

### INTRODUCTION

This guide is being supplied to all participants and judges so that everyone will be familiar with the Roadeo events, the course layout, rules of conduct and scoring.

### Course Marshal: Mr. Kasey Rogers

This 2022 ALTRANS Bus & Paratransit Training Roadeo will be officiated by ALDOT Transit Program Manager Mr. Kasey Rogers.

- Any rule violations are to be reported to the Course Marshal ASAP.
- Mr. Rogers, in consultation with various judges and personal, shall have the sole authority to determine if a violation has occurred. Corrective action may include point deductions or suspension from training event.

### RULES OF CONDUCT AND COURTESIES

### **Reminders to Spectators:**

- 1. No alcoholic beverages will be permitted at the Roadeo site.
- 2. Spectators must remain in the designated viewing areas for safety reasons.
- 3. No distracting or aggressive behaviors are allowed.
- 4. Spectators are **NOT** allowed to follow vehicles as they progress through the course.
- 5. Spectators are **NOT** allowed in Pre-Trip Inspection or Mobility Device Securement areas.

### **Reminders to Drivers:**

- 1. Review this Roadeo Guide for helpful tips and safety rules. Understanding proper turn signal use, penalties for unnecessary reverses and cone values will be of a great benefit.
- 2. Drivers will not be allowed on driving course for any reason following initial walk through.
- 3. Drivers must wear their assigned number badges at all times.
- 4. No distracting or aggressive behaviors are allowed.
- 5. Failure to wear a seatbelt while driving course will result in disqualification.
- 6. Abuse of equipment or unsafe driving maneuvers will **NOT** be tolerated.
- 7. Closed toed shoes are recommended for safety.

### Reminders to Judges:

- 1. Remain objective and strive for consistency for all participants you are scoring.
- 2. Judges should note the location of their post on the score sheets. These are the preferred locations for the judges to view the exercise without interfering with the participant's ability to perform.
- 3. Be careful that you do not unintentionally give participants guidance by hand signals. You are not directing participants; you are scoring them.
- 4. A judge should never cross in front of any vehicle being driven. It is dangerous and breaks the participant's concentration.
- 5. Judges must reset the cones in the correct obstacle placement after they have been touched. Make sure to not reset the cones until after the vehicle clears the exercise.
- 6. Points can **ONLY** be deducted once for a touched cone or curb.

### SPECIAL NOTES FOR INDIVIDUAL EXERCISES

### Important Information on Scoring:

Roadeo driver can potentially earn a total of 1,000 points. (See point breakdown below.)

 Written Test	Pre-Trip Inspection	Mobility Device Securement	Driving
125 Points	150 Points	200 Points	525 Points
12.5%	15%	20%	52.5%

#### A. Written Test:

Maximum Score -125 Points

The written test includes 25 questions valued at 5 points each.

Test questions are taken from basic training source materials used for Transit Drivers.

### **B.** Pre-Trip Inspection:

Maximum Score - 150 Points (7-minute time limit.)

#### General Instructions

- 1. Four (4) safety defects will be pre-set on the vehicle and will be the same for all Drivers. Drivers will earn 25 points for each pre-set safety defect found.
- 2. Driver will earn 50 points for conducting their pre-trip inspections in a logical and systematic manner (i.e., moving from front of the vehicle to the back, left to right, or top to bottom).
- 3. The 4 pre-set safety defects may be found anywhere on or in the vehicle. (Hood will remain unlatched and raised for easy access.)
- 4. Do not discuss the defects that you may have located with other participants.

During the pre-trip inspection each participant will conduct their inspection by verbalizing and visually checking the vehicle. The participant should identify and describe defects to the judge who will then note them on the Pre-Trip Inspection score sheet.

Participants may identify more than 4 defects but will only gain points for the 4 pre-set defects. Participants must complete the entire vehicle inspection in order to earn the 50 points for logical and systematic performance of the pre-trip.

Upon request, judges **can** assist participants with certain specific tasks. For instance, the judge may press the brake pedal, and shift the transmission into reverse with the ignition switch in the "on" position, but without the engine running. The judge can also assist the participants with turn signals, brake and back-up lights, and head lights.

### Participants are **NOT** required to:

- 1. Complete a full lift/engine interlock inspection or cycle the lift.
- 2. Set the parking brake and attempt to move the vehicle.
- 3. Check fluid levels.

### Participants ARE required to:

- 1. Perform a visual inspection of the lift and its immediate surroundings.
- 2. Verbalize all engine areas under they would inspect if time allowed.
- 3. Verify service brake pedal is firm.

### C. Mobility Device Securement:

Maximum Points - 200 Points (7-minute time limit.)

### Important Guidelines

- 1. You must clearly verbalize, for the judge to hear, all of the activities you perform while boarding and securing passenger in the vehicle to receive verbalization points.
- 2. Participants that ride the lift platform will receive a penalty of 0 points for this exercise.

#### General Instructions

Participant will greet passenger and verbalize all of the activities that will be performing. (Activities must be spoken loud enough for the judge to hear.)

Although the passenger **may** or **may not** be wearing a lap belt, the participant must verbalize and physically check that the lap belt is secure before boarding the passenger. The participant must verbalize and physically check the rear safety plate is engaged. Similarly, the participant must verbalize and physically check the front safety plate to verify that it is secure and engaged. (Participants will **NOT** be allowed to ride lift platform.)

Time will be stopped, and the exercise is complete once the passenger is boarded, mobility device secured, and passenger belts are fastened. The judge will then release the wheel locks and check mobility device for movement. Participant will receive 24 points if device passes movement test.

The 7-minute time frame begins when the participant first greets the passenger until the time that the participant has completed securing the wheelchair. The score sheet lists activities and their point values in a particular order. The items performed under "Sensitivity & Awareness" do not necessarily have to be performed in the exact order listed. However, the other activities **DO** follow a logical order that must be followed. If participants perform these activities out of order, they will not receive points for the activity that they skipped or performed late. Example: If a participant does not check the rear safety plate until after he/she has backed the wheelchair onto the lift they would not receive the points for that item.

### COURSE OBSTACLE LIST - (8-minute time limit.)

### 1. Serpentine: 50 points

Participants must strive to navigate this S shaped obstacle without touching any cones. Although reverses are allowed, a 5-point penalty will be assessed for each.

### 2. Passenger Stop: 50 points

Participant must perform a simulated passenger stop. The front and rear tires must be within the 1 foot marked safe zone without touching any cones or the curb. Participant must place the vehicle in park and sound the horn to indicate to the judges that it is safe for measurement. Judge will signal driver when to proceed to next obstacle.

### 3. Left Turn: 50 points

This skill test measures the participants ability to negotiate a tight 90-degree left turn. Participant will strive to maneuver this obstacle without hitting any cones.

### 4. Right Hand Reverse & 6. Left Hand Reverse: 50 points

Participants will strive to back in these alley docks without touching any cones and stopping within 3 feet of the rear cone. Participants must place the vehicle in park and sound horn to signal judges that it is safe for measurement.

### **5. Right Turn:** 50 points

This skill test measures the participants ability to negotiate a tight 90-degree right turn. Participant will strive to maneuver this obstacle without hitting cones while also placing their right rear passenger side tire within 10-inchs of the pivot cone without hitting it.

#### 7. Offset Street: 50 points

Participants must strive to navigate this obstacle without hitting any of the cones while making a lane change from one street to another.

### 8. Diminishing Clearance: 50 points

Vehicle must travel at least 20 mph and not hit any cones during this obstacle. Judges must be stand away from the cones to avoid being struck by a hit cone.

### 9. Judgment Stop: 50 points

This test measures the participants ability to judge closing distances between the vehicle and small objects ahead. Participant must bring the vehicle to a full stop within 12 inches of the marker cone to earn the full 50 points. Participant then must place the vehicle in park and sound the horn to indicate to judges it is safe for measurement. Each 12-inch zone beyond the target zone earns fewer points. If the participant stops beyond the 36-inch mark they earn 0 points. Multiple stops or touching the judgement stop cone will result in 0 points being earned.

### Timekeeper:

Timekeeper will start time when the Driver sounds the horn at starting line and stop time when the vehicle completes the judgment stop, places the vehicle in park and sounds the horn. Timekeeping will be conducted by stopwatch mounted to the exterior of the vehicle. A deduction of 100 - points will be assessed for failing to complete the course in 8-minutes. All participants will be ranked by points earned. In the event of a tie, the lowest time to complete the course will receive 1st place. In the event that the elapsed time for driving the course is the same, the lowest time for completion of the Mobility Device Securement exercise will be referenced to declare a winner

### **ROADEO SCORING SHEETS**

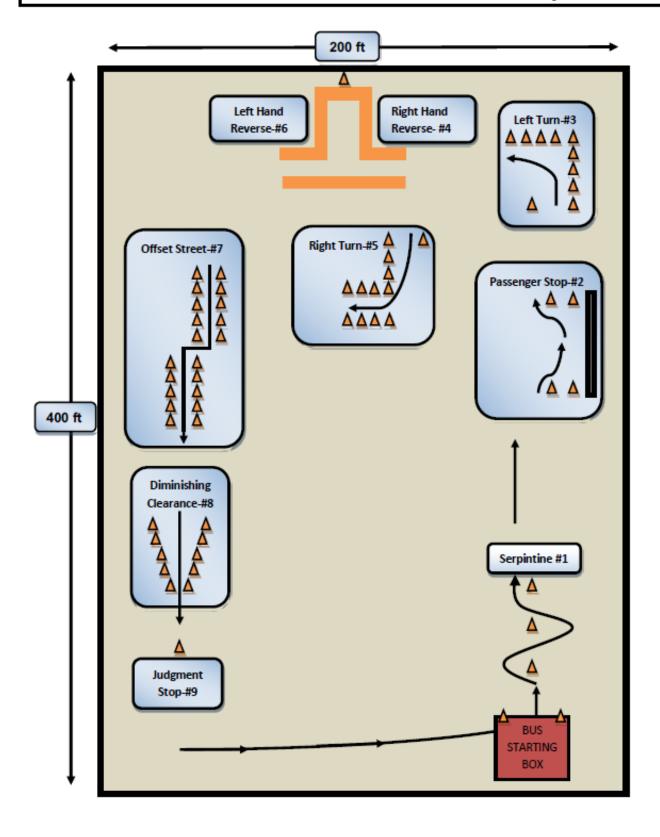
- 1. Serpentine
- 2. Passenger Stop
- 3. Left Turn
- 4. Right Hand Reverse
- 5. Right Turn
- 6. Left Hand Reverse
- 7. Offset Street
- 8. Diminishing Clearance
- 9. Judgement Stop
- 10. Seat Belt Use & Elapsed Time
- 11. Written Test
- 12. Pre-Trip Inspection
- 13. Wheelchair Boarding & Securement
- 14. Completed Score Sheet

The actual course order of obstacles may not be the same order as the numbered score sheet.

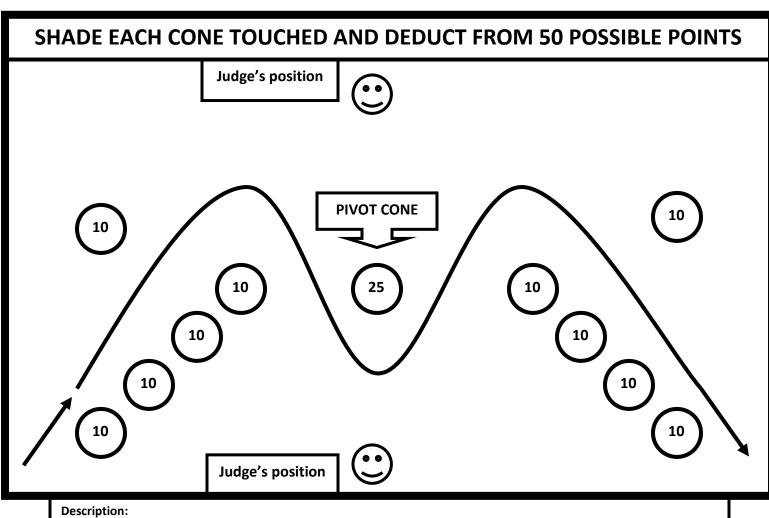
<sup>\*</sup>The following diagrams represent the course layout.

Roadeo Course Layout

### **ALTRANS ROADEO Course Setup**



## #1 Serpentine



This skill test measures the operator's ability to negotiate a series of tight turns. The operator is required to enter the course, weave in and out through 3 cones, and exit the skill test. The vehicle is not permitted to touch any portion of any cone.

#### **Point Deductions:**

**Obstacle Value** 50

1. 5 pt for each shift into reverse \_\_\_\_\_ x 5 = \_\_\_\_\_

2. 25 pt touched Pivot cone

\_\_\_\_ x25 = \_\_\_\_

3. 10 pt touched cone value

Total Points Deduction.....

Points earned......

SEATBELT WORN \_\_\_\_\_ SEATBELT NOT WORN \_\_\_\_\_

Contestant #

Judges Name: \_\_\_\_\_

### **#2 Passenger Stop**

### SHADE EACH CONE TOUCHED AND DEDUCT FROM 50 POSSIBLE POINTS Judge's Position Judge's Position **50 POINT DEDUCTION FOR TOUCHING CURB** DRIVER MUST PARK BUS WITH BOTH TIRES IN THIS 1 FOOT ZONE TO EARN 50 POINTS Description: The operator must make a passenger stop at a location approximately two vehicle lengths long. The stop must be made without the vehicle or tires touching any cones or the curb. The front tire and the rear tire should be within the 1 foot zone from the curb. The driver must place the vehicle in park and sound the horn to indicate to the judge to check the distance that the tires are in relation to the curb. The Judge will then signal the driver when to proceed to the next obstacle. **Point Deductions: Obstacle Value 50** 1. 3 points for not using turn signal \_\_\_\_x 3 = \_\_\_\_ 2. 5 points for each shift into reverse \_\_\_\_\_ x 5 = \_\_\_\_\_ \_\_\_\_ x 25 = \_\_\_\_ 3. 25 points for each end cones touched 4. Touched curb \_\_ x 50 = \_\_\_\_ Total Points Deduction \_\_\_\_\_ Points Earned

Contestant #	Judge's Name:
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## **#3 Left Turn**

SHADE EACH CONE TOUCHED AND DEDUCT FROM 50 POSSIBLE POINTS Judge's position Judge's position

**Description:** 

This skill test measures an operator's ability to negotiate a tight left turn. The operator must turn the vehicle through a 90 degree turn and not touch any of the cones outlining the turn, even though some of the cones will be out of sight during the turn.

### **Point Deductions:**

**Obstacle Value** 

50

- 1. 3 pts for each nonuse of turn signal \_\_\_\_\_ x 3 = \_\_\_\_
- 2. 5 pts for each shift into reverse \_\_\_\_\_ x 5 = \_\_\_\_\_

3. 10 pt cones touched

\_\_\_\_ x 10 = \_\_\_\_

4. 25 pt entrance cones touched

\_\_\_\_\_ x 25 = \_\_\_\_

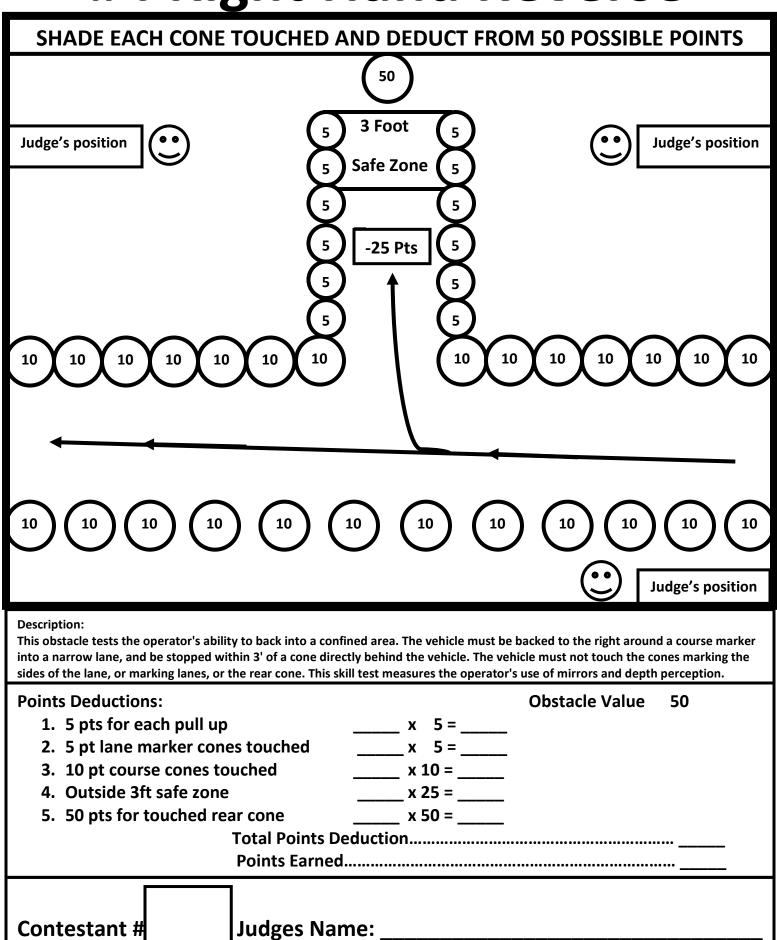
Total Points Deduction.....

Points Earned.....

**Contestant #** 

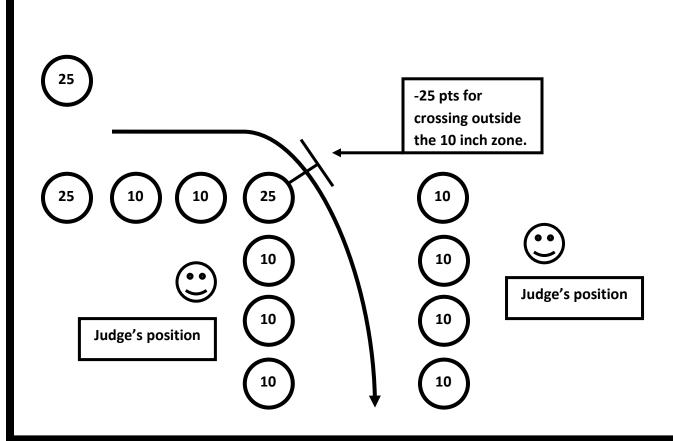
Judges Name: \_\_\_\_\_

## **#4 Right Hand Reverse**



## **#5 Right Turn**

### SHADE EACH CONE TOUCHED AND DEDUCT FROM 50 POSSIBLE POINTS



This skill test measures the operator's ability to negotiate a tight 90 degrees right turn. The corner is marked with a pivot cone. The rear tire of the vehicle is to pass within 10 inches of the pivot cone. To measure this, a line is marked 10 inches at 45 degrees from the pivot cone. The operator must touch the 10 inch line mark with the right rear tire.

#### **Points Deductions:**

**Obstacle Value** 50

- 1. 3 pts for each nonuse of turn signal \_\_\_\_ x 3 = \_\_\_\_
- 2. 5 pts for each shift into reverse \_\_\_\_x 5 = \_\_\_\_
- 3. 10 pt course cones touched
- 4. 25 pts for touching pivot cone
- 5. 25 pts for excessive rear tire clearance x 25 =
- \_\_\_\_x 10 = \_\_\_\_
- \_\_\_\_x 25 = \_\_\_\_

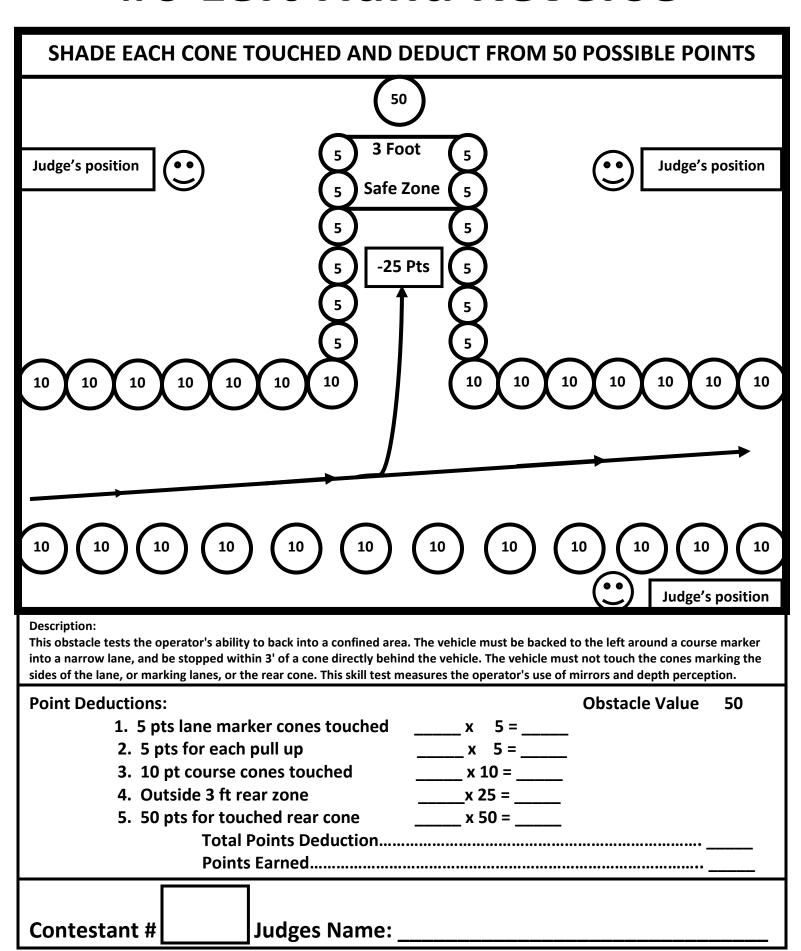
Total Points Deduction.....

Points Earned......

**Contestant #** 

Judges Name: \_\_\_\_\_

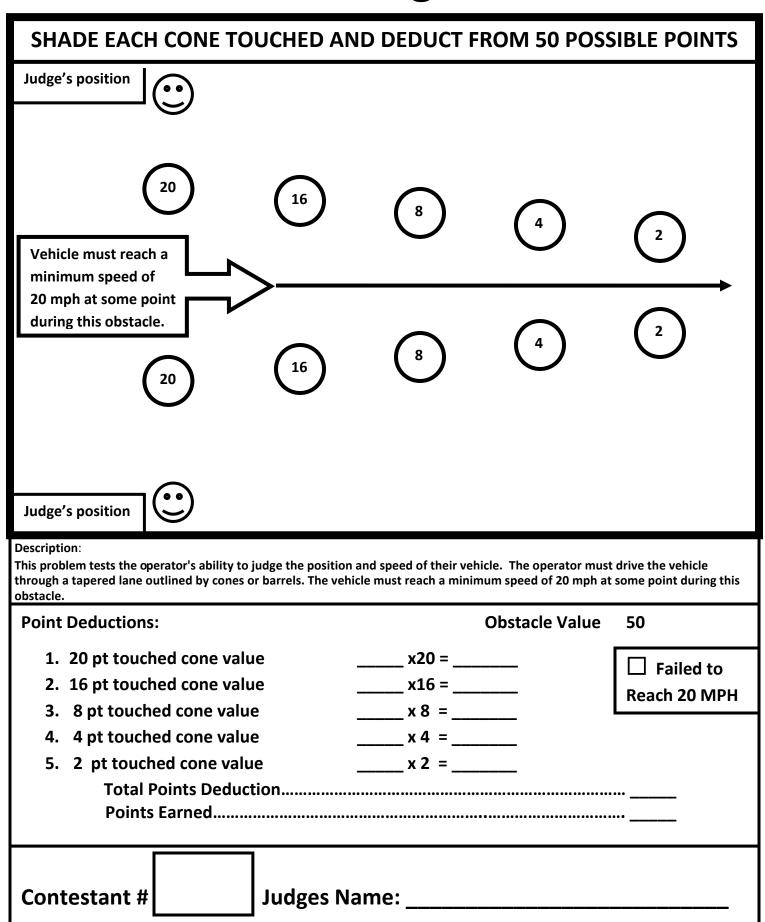
## **#6 Left Hand Reverse**



## **#7 Offset Street**

SHADE EACH CONE TOUCHED AND D	EDUCT FROM 50 POS	SIBLE POINTS
	$\odot$	Judge's position
	10 (10 (10	10 (10
PIVOT CONE		<i>→</i>
10 10 10 25	25 10 10	
	PIVOT CONE	
10 10 10 10		
Judge's position		
Description: In this skill test, the operator is required to drive through 2 separate	e narrow lanes that are offset one full la	ane width from each other.
Point Deductions:	Obstacle Value	50
1. 3 pts for nonuse of turn signals	x 3=	
	x 5 =	
3. 10 pt course cones touched 4. 25 pt for each pivot cone touched	x 10 = x 25 =	
Total Points Deduction Points Earned		
Contestant # Judges Name: _		

### **#8 Diminishing Clearance**



## #9 Judgment Stop

### SHADE THE CORRECT ZONE BELOW Judge's position If 18" cone is touched, score is 0. **Beyond** 2ft 3ft +15pt +25pt +50pt 0-pts **Description:** This test measures the operator's ability to judge closing distances between the vehicle and small objects directly ahead. After exiting the Diminishing Clearance test, the operator must bring the vehicle to a full stop within 12" of the marker cone to earn 50 points. Each zone indicates a point value earned. If the operator stops beyond the 3 foot mark they earn 0 points. Operators are not permitted to make multiple stops. If vehicle makes multiple stops, 0 points will be awarded.

МРН:		
	Obstacle Value	50
Total Points Earne	ed	
Measure the exac	t distance from the bumper to cone	
Contestant #	Judges Name:	

## #10 Seatbelt Use & Elapsed Time

Seatbelt Use		
Participant earns 75 points for seatbelt use. Timekeeper observes use of seatbelt.		
Total Points Earned		
Elapsed Time		
For the driving portion of Roadeo, there will be an 8 minute time limit Driver sounds the horn at the start line. The timer is stopped when the stop, placed in park, and horn sounded for measurement of obstacle. required to complete the course. A 100 point deduction will be assess the 8 minute time limit.	e vehicle comes to a f Time keepers will not	inal stop at the judgment te the total elapsed time
☐ Completed Course in 8 Minutes		
$\square$ Over 8 Minute Time Limit - Deduct 100 Points		
Enter Total Time To Complete Course:	Minutes	Seconds

## # 12 Pre-trip Inspection

#### **Description:**

**Penalties** 

Each operator will be given 7 minutes to perform a typical inspection of a vehicle being placed in service at the beginning of the day. The vehicle will have 4 known defects that would routinely be identified on a pre-trip inspection report.

1. - 25 pts for each item missed (4 items).

**Points Possible 150** 

	2 50 pts for not performing the inspection	in a logical and systematic manner.
Point Deductions	<ol> <li>Each Pre-Set Item Missed</li> <li>Inspection not logical/systematic</li> </ol>	x 25 = x 50 =
	Total points off	
	Points earned	
Judges Script for Pre-	<b>trip:</b> Worth a maximum of 150 pts.	
•	ip the vehicle and identify 4 pre-determined one to the judge the defects found by stating	
Stating that an item is missin	g or you don't see the item will <b>NOT</b> qualify i	it as a defect.
defect is worth 25 pts. You w	efects, but your score is dependent on you fir vill earn 50 pts by performing your pre-trip in oncluded by the judge at 7 minutes.)	nding the <b>pre</b> -determined defects. Each a logical and systematic manner.
constraints you will <b>not</b> be re	e to verbalize items or areas being inspected equired to actually check fluids, move the veh those actions that would be performed as if straints.	nicle to check brakes or cycle the lift.
Example: VERBALIZE: " <i>I would check</i>	the tire wear and tread depth"	
ACTION: Visual inspection of	of tire treads.	
	o use a pre-trip inspection form as a guide d pre-trip examiner upon request.	luring your inspection.
Judges Name:		
Contestant Name:		_ Contestant # L

### **Pre-trip Form**

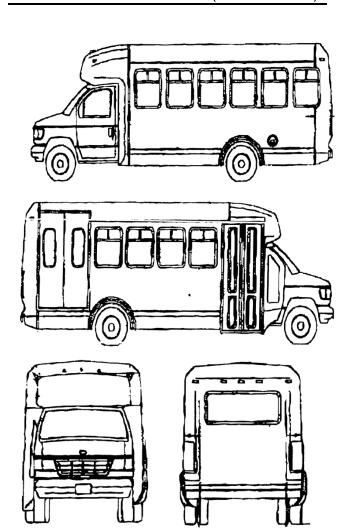
UNDER Safe	RHOOD Unsat	(verbalize for Roadeo) fe
		Oil Level
		Radiator Level
		Windshield Washer Level
		Battery
		Hoses/Belts
		Coolant Leaks
EXTER	RIOR	
Safe	Unsa	fe
		Tires
		Turn Signals
		Head Lights
		Tail/Brake Lights
		Marker Lights
		Windshield/Wipers
		Body Damage
		Mirrors
		Doors
		Cleanliness
INTER		
Safe	Unsa	• •
		Brakes & Parking Brake
		Steering
		Transmission
		Mirrors
		Gauges (incl. Fuel)
		Cleanliness
		Heater/AC
		Radio & MDC
		Horn
		Step-well & Dome lights
		Emergency Exit

### SAFETY EQUIPMENT Safe Unsafe

	Accident Kit
	Fire Ext. Charged
	Flares/Triangle
	First Aid/Bloodborne Ki
	Back-Up Alarm
	Rear Door Buzzer
	Seat Belt Cutter

### WHEELCHAIR LIFT & SECUREMENT Safe Unsafe

	Cycle Lift (not for Roadeo)
	Lift Mechanism
	Lift Belt & Safety plate
	Manual Pump Arm
	Shoulder/Lap Belts & Extensions
	Floor Securement Belts
	Trans. Interlock (not for Roadeo)



### **#13 Mobility Device Boarding & Securement**

Greets and introduces self to passenger i	n a positive manner	4 points_
Checks securement of lap belt		4 points_
Asks passenger if they need assistance in	boarding	4 points_
Asks passenger if they have all their belor	ngings.	4 points_
Checks hand grips on mobility device		8 points_
Asks passenger to place hands in lap.		4 points_
	Verbalization of Sensitivity & Aware	eness – 12 points_
		Total Points_
Loading Onto Platform – Possible Points	s = 40	
Checks rear safety plate		12 points_
Backs passenger onto platform		4 points_
ecures mobility device locks		4 points_
ecures lift safety strap		4 points_
	Verbalization of Loading onto Pl	atform – 16 points_
		Total Points_
. Raising Lift – Possible Points = 36		
Raises lift & checks front safety plate		12 points_
Holds mobility device with one hand whil	e raising lift	4 points_
ecures lift control onto door		4 points_
acks chair into vehicle & secures at leas	t one lock	4 points_
	Verbalization of Rai	sing Lift – 12 points_
		Total Points_
Mobility Device & Passenger Secureme	ent – Possible Points = 60	
Positions chair in securement location an	d secures locks	4 points_
erbalize that lift has been placed in "sto	w" position	4 points_
Attaches securements to mobility device	frame & floor, tightens retractors	8 points_
Releases brakes to tighten retractors		8 points_
Attaches securements to mobility device	frame & floor, tightens retractors	8 points_
ecures lap belt and shoulder belt prope	erly	4 points_
Verbalization o	f Mobility Device & Passenger Securer	ment – 24 points_
		Total Points_
Judge checks mobility device for exce	essive movement	24 points_
	То	tal Points Earned
Participant viole	ated Roadeo Rules and rode the lift. A	

# Wheelchair Boarding & Securement Judges Script

Due to the wheelchair securement being an important part of our training at BRATS, we do not stop the securement process at the 7 minute mark. This allows for the judge to give instruction as to the areas of the wheelchair securement that may be in need of improvement after the securement is completed. **Please note:** In order for any points on this exercise to be included towards a contestant's total roadeo score, they must complete the securement exercise within the 7 minute time limit.

The Wheelchair Boarding and Securement is worth a maximum of 200 points.

### Important Guidelines:

- You must verbalize to the passenger all of the activities that you will perform in the process of loading and securing them in the vehicle.
- You must also say these activities loud enough for the judges to hear.
- You will **not** be penalized for removing your hand from the wheelchair to check the front and rear safety plate.
- For the purposes of this Roadeo, you will **not** be permitted to ride the lift platform. The penalty for riding the lift is -25 points.

Almost every item for this exercise indicates a point value for "verbal", and a point value for "performance".

If you do not verbalize what you are going to do before you do it, you do not receive the verbal point value.

If you verbalize it, but do not perform it, you will not receive the performance point value.