


## Leading fire fighter and fire truck driver : Andy O'Neal

	<b>Actor:</b> Andy O'Neal Andy is leading fire fighter with 9 years of experience	<b>Scenario:</b> <b>Emergency at 266 Ferrars St.</b> Andy is about to finish a long night shift when alarms go off and he learns that there has been an emergency at Ferrars St.	<b>Goals &amp; Expectations:</b> <b>Expectations:</b> <ul style="list-style-type: none"> <li>• A safe drive</li> <li>• low traffic</li> <li>• getting routing guidance from navigators</li> </ul>	<i>project - Digital Twins for First Responders</i> April 2021 Version 1
<b>Phase Name</b>	<b>Incident happens</b>	<b>Preperation</b>	<b>Drive</b>	<b>Arrival</b>
<b>Phase Goal</b>	Andy gets details of the incident from TV at the station and a paper map is printed for his. The map shows where the station is regarding to the incident but no routing information is provided. Andy's goal here is to understand where the incident happened	Andy discusses the rout with the officer and navigators while putting on his gear. his goals are to save time and get some details of the route.	Andy is getting constant updates from the radio about the situation. At the same time navigators tell him where to go based on the map. Andy's goal here is to drive safe and concentrate on instructions from navigators.	Andy gets off of the truck and helps others by utilizing tools implemented on the fire truck. his goal here is to help keep people safe.
<b>Phase Duration</b>	2-5 minutes	2 minutes	variable	variable
<b>Doing</b>	<ul style="list-style-type: none"> <li>• Looks into the TV for details</li> <li>• Listens to instructions while getting ready</li> <li>• Does some rough <b>math on potentials</b></li> <li>• Asks possible questions from station officer</li> <li>• Checks on the crew to make sure everyone is ready</li> </ul>	<ul style="list-style-type: none"> <li>• Puts on his firefighter gear</li> <li>• Looks into printed map to find the situation</li> <li>• Looks into MelWays for direction</li> <li>• Discusses possible routes with navigators</li> </ul>	<ul style="list-style-type: none"> <li>• Checks the street condition</li> <li>• Changes driving speed based on the hazard level</li> <li>• Constantly looks for street names</li> <li>• Gets instructions from navigators</li> <li>• Update other fire truck drivers from the traffic situa</li> </ul>	<ul style="list-style-type: none"> <li>• He finds a suitable parking spot</li> <li>• Stops the truck</li> <li>• Activates tools</li> <li>• Updates others from his location</li> <li>• Helps others</li> </ul>
<b>Thinking</b>	"What do I need to know?" "Where is the incident!" "I feel anxious and stressed" "Why they can't give us more information"	"Are there any schools or tram tracks on my way there?" "Wonder if I know that place?" "is everything okay with my gear?" "Wonder if navigators are familiar with that neighbourhood" "what is the incident's hazard level?"	"I don't know the street name I'm headed towards" "Am I too close to the car beside me" "This gives me anxiety." "Can I go against the traffic?" "Should I turn on my sirens?" "My heart beats so fast "	"It's almost officially done!" "Crossing my fingers situation gets better soon." "Do I need to tell the others about the traffic on n" "I'm looking forward to go back home and sleep."
<b>Feeling</b>	<b>Excitement</b> <b>Apprehension</b> <b>Stressed</b>	<b>Stressed</b> <b>Confusion</b> <b>Rushed</b> <b>Fear</b>	<b>Anxious</b> <b>Confused</b> <b>Tense</b> <b>Cautious</b>	<b>Excitement</b> <b>Tired</b> <b>Happy</b>
<b>Oppotunities &amp; Ideas</b>	<ul style="list-style-type: none"> <li>• Incident details goes to trucks navigation system autom</li> <li>• Present possible route on the map</li> <li>• Provde traffic information summary</li> </ul>	<ul style="list-style-type: none"> <li>• Route pre-determind so Andy can focus on preparation</li> </ul>	<ul style="list-style-type: none"> <li>• Provide clear and concise navigation instructions via he</li> <li>• Let navigator change the route quickly by defining route</li> </ul>	<ul style="list-style-type: none"> <li>• System that updates others of his whereabouts</li> </ul>
<b>Positive</b>				
<b>Neutral</b>				
<b>Negative</b>				