**Collision Uplift: Tester Guide**

View full GDD/TDD [here](https://docs.google.com/document/d/1Ic4ubiC6loUrEZh8wUh79weC6hECfM0fFIfbsg_i7no/edit?usp=sharing).  
  
In all scenarios, users are able to conduct each of the following actions:  
  
Measuring Tool

Users can measure elements in the scene; etc distance of vehicle to sidewalk, range of skid marks etc any measuring lines on the scene can appear in photographs

### Photographing

Users need to take photos of evidence pieces after numbering each, to be able reference them in their final report on the incident.  
  
Interviewing

Once the user completes the investigation of the crime scene, they will be able to conduct interviews with witnesses. Certain evidence pieces unlock questions, those questions are identified with a lock icon next to them in the question list.

Users can select from the following modes:

| Tutorial Mode | Voice over guide that outlines how to use controls and the tools listed above |
| --- | --- |
| Normal Mode | Scenarios 1-3 |
| Hard Mode | Scenarios 4-5 |
| New Environment Mode | Scenarios 6-8 |

| **Tutorial Mode** | | |
| --- | --- | --- |
| Overview: user is placed in a scene and a voice over guide instructs them on how to navigate through the scene, utilize the tablet and other tools, and how to move on to the interview component | | |
| **Part of Mode** | **Steps to test:** | |
| *All* | 1. Make sure audio v/o works 2. Access tablet    1. Click through scene details       1. Briefing       2. Driver info 3. Access measurement tool    1. Take a measurement 4. Access photo tool    1. Take photos    2. Scroll through tablet to view photos 5. Clicking “I’m done” should end tutorial | |

| **Normal Mode: Scenario 1 - Snow, Single Car, Traffic Light Crash** | | |
| --- | --- | --- |
| Storyline: Driver failed to stop at the red light due to snow, making the road very slippery, they could not stop and crashed into the traffic light on the other side.  Speed at point of impact - 35km Weather conditions - Snow, Morning  Date and Time - Jan 21, 7:15 AM 2020 Name of offense - Red Light – Fail to Stop  Dispatch Call: Attention all units, can you respond to a single vehicle collision at Grand River Street and Service Road 67. A vehicle has slid into a traffic light pole. It looks like the vehicle slid into the pole after failing to stop at the traffic light. | | |
| **Part of Scenario** | **Steps to test:** | |
| *Investigation* | 1. Access tablet    1. Confirm that all information above is accurate    2. Note: further driver details for all simulations (driver’s license, automobile info etc) available in [GDD](https://docs.google.com/document/d/1Ic4ubiC6loUrEZh8wUh79weC6hECfM0fFIfbsg_i7no/edit?usp=sharing) 2. Access measurement and photo tools to take photos of evidence in scene/location (highlighted evidence unlocks questions for interview portion of the scene):    * 1. Smashed front bumper of car + front lights      2. Airbag deployed      3. Skidmarks      4. Security Footage 3. Scroll through tablet to ensure all photos appear 4. Click “I’m Done” to be taken to interview portion of the scenario | |
| *Interview* | 1. Enure interviews can be conducted with drivers and/or witnesses in the scene:    1. Michelle E. Oliverio, Driver 2. Ensure all the questions and answers outlined for each driver and/or witness below are correct (Question highlighted in green should only be visible if correlating evidence was photographed.) | |
| **Michelle E. Oliverio, Driver** | | |
| Witness Statement: “It was dark and I didn’t see the intersection coming up. When I saw the red light, I tried stopping but it was too late. It was slippery, and I slid right through the light. I couldn’t stop, and I hit the traffic light pole.” | | |
| **Question** | | **Answer** |
| Can I get your name please? As well as your license, registration and insurance? | | My name is Michelle E. Oliverio. |
| Can you tell me exactly what happened? | | It was dark and I didn’t see the intersection coming up. When I saw the red light, I tried stopping but it was too late. It was slippery, and I slid right through the light. I couldn’t stop, and I hit the traffic light pole. |
| Are you feeling ok? Do you require an ambulance? | | Yes, thank you, just a little shaken up and embarrassed. I don’t need an ambulance. |
| Are you comfortable with driving your vehicle in itsit’s current state, or do you need a tow? | | I think I’ll be ok after a few moments, thank you. |
| Do you have winter tires on your vehicle? | | Unfortunately not, I neglected to find the time for that before winter. I’m really kicking myself now |
| (Q unlocked if airbag is tagged and photographed as evidence)  Are you experiencing any pain in your jaw, or nose? Any blurred vision? | | No, none of that thank you for asking. |
| *Ending Simulation* | 1. Asking the last question in the question list should bring you to the results screen. 2. Review data in the results screen. 3. If content, click “submit results”    1. This will close the simulation | |
| *Email* | 1. Check that email sent upon completion includes:    1. Photos    2. Overview of measurements    3. Transcript of interview | |

| **Normal Mode: Scenario 2 - Rear End Collision** | | |
| --- | --- | --- |
| Storyline: Distracted driver - Driver in Hatchback was texting while driving, did not notice car stopped in front at stop sign, hit SUV from behind. Veered slightly to the left before impact. The SUV moved slightly into the intersection after impact.  Speed at point of impact - ~42km Weather conditions - Clear, Afternoon Date and Time - June 17, 12:05 PM 2020  Name of offense = Careless Driving, Follow Too Closely  Dispatch Call: Attention all units, There has been a rear end collision at the intersection of Grand River Street and Service Road 67. Reported at Municipality of Waterloo, | | |
| **Part of Scenario** | **Steps to test:** | |
| *Investigation* | 1. Access tablet    1. Confirm that all information above is accurate    2. Note: further driver details for all simulations (driver’s license, automobile info etc) available in [GDD](https://docs.google.com/document/d/1Ic4ubiC6loUrEZh8wUh79weC6hECfM0fFIfbsg_i7no/edit?usp=sharing) 2. Access measurement and photo tools to take photos of evidence in scene/location (highlighted evidence unlocks questions for interview portion of the scene):    * 1. SUV rear damage      2. Hatchback front damage      3. Skidmarks from attempted stop (hatchback)      4. Debris from accident      5. Cellphone 3. Scroll through tablet to ensure all photos appear 4. Click “I’m Done” to be taken to interview portion of the scenario | |
| *Interview* | 1. Enure interviews can be conducted with drivers and/or witnesses in the scene:    1. Lisa W. Pena, SUV driver    2. Kyle F. Evans, AUDI Driver    3. Jules Dunkerly, Witness 2. Ensure all the questions and answers outlined for each driver and/or witness below are correct (Question highlighted in green should only be visible if correlating evidence was photographed.) | |
| **Lisa W. Pena, SUV driver** | | |
| Witness Statement: “I was just stopped at the stop sign, getting ready to make my left when this idiot smashed into me! Probably on their phone or something.” | | |
| **Question** | | **Answer** |
| Can I get your name please? As well as your license, registration and insurance? | | My name is Lisa Pena. |
| Can you tell me exactly what happened? | | I was just stopped at the stop sign, getting ready to make my left when this idiot smashed into me! Probably on their phone or something. |
| Are you comfortable with driving your vehicle in it’s current state, or do you need a tow? | | Yeah, as long as all the photos have been taken for insurance purposes. |
| Are you feeling ok? Do you require an ambulance? | | I’m angry about this, but fine. I don’t need an ambulance thanks. |
| Did you happen to notice if other driver was following you for a while? If so were they keeping appropriate distance? | | He’s been behind me since we both turned left onto Grand River at Pearson Ave - I did notice that his speed was pretty inconsistent. |
| (Q unlocked if cellphone is tagged as evidence). Was there any other signs that the driver in the other vehicle may have been on his cellphone? | | Other than inconsistent speed and him REAR-ENDING ME I wasn’t really paying attention to other signs. Are we done here yet? |
| **Kyle F. Evans, AUDI Driver** | | |
| Witness Statement: “I literally didn’t even see the car in front of me! The stop sign came up so fast, I didn't expect it.” | | |
| **Question** | | **Answer** |
| Can I get your name please? As well as your license, registration and insurance? | | I’m Kyle. Kyle Evans. |
| Can you tell me exactly what happened? | | Unfortunately, I rear-ended that SUV. I’m sorry.I literally didn’t even see the car in front of me! The stop sign came up so fast, I didn't expect it. Uh, I guess I was daydreaming a bit. |
| Are you feeling ok? Do you require an ambulance? | | Yeah, I’m totally ok. Just a bit embarrassed. |
| Are you comfortable with driving your vehicle in it’s current state, or do you need a tow? | | Yeah, it’s fine. Shouldn’t be more than just cosmetic damage. |
| Have you consumed any drugs or alcohol before getting behind the wheel today? | | No, no. I would never do that then drive. |
| (Q unlocked if cellphone is tagged as evidence).  Were you using your cellphone while driving today? | | Uhh. I had it in my hand but I wasn’t actually looking at it. |
| **Jules Dunkerly, Witness** | | |
| Witness Statement: “I was reading my book on the porch, when I heard a loud bang. I looked up and saw these two cars collided” | | |
| **Question** | | **Answer** |
| Can I get your name please? | | Of course, my name is Jules Dunkerly. |
| Can you tell me exactly what happened? | | I was reading my book on the porch, when I heard a loud bang. I looked up and saw these two cars collided. |
| Did you see the moment of collision? | | Technically no, but I looked up right after it happened. |
| Do a lot of accidents happen at this turn? | | Not particularly. If you’re from the area, you’re familiar with this particular stop sign. I haven’t seen a lot of accidents like this one. |
| (Q unlocked if cellphone is tagged as evidence).  Did you happen to notice if the person in the hatchback had his cell phone in his hand when he got out of the car? | | Yes, he did. I’m pretty sure he’s the one who called you guys. |
| *Ending Simulation* | 1. Asking the last question in the question list should bring you to the results screen. 2. Review data in the results screen. 3. If content, click “submit results”    1. This will close the simulation | |
| *Email* | 1. Check that email sent upon completion includes:    1. Photos    2. Overview of measurements    3. Transcript of interview | |

| **Normal Mode: Scenario 3 - Head On Collision** | | |
| --- | --- | --- |
| Storyline: SUV Driver applying makeup in mirror, not paying attention to the UPCOMING intersection. The SUV slightly veers to the left and collides with incoming cars. The AUDI reacts and slightly moves to their right but does not move out of the way in time and still collides.  Speed at point of impact ~70km Weather conditions - Clear, Morning Date and Time - September 05, 8:30 AM 2020  Name of offense: Careless Driving  Dispatch Call: Attention all units, there has been a head on collision involving 2 vehicles at the intersection of Grand River Street and South Service road 67. Personal injury reported with both drivers transported to Hospital with serious injuries. | | |
| **Part of Scenario** | **Steps to test:** | |
| *Investigation* | 1. Access tablet    1. Confirm that all information above is accurate    2. Note: further driver details for all simulations (driver’s license, automobile info etc) available in [GDD](https://docs.google.com/document/d/1Ic4ubiC6loUrEZh8wUh79weC6hECfM0fFIfbsg_i7no/edit?usp=sharing) 2. Access measurement and photo tools to take photos of evidence in scene/location (highlighted evidence unlocks questions for interview portion of the scene):    * 1. Debris from accident      2. Skid marks      3. Airbag deployed in both vehicles      4. SUV front left damage      5. AUDI front left damage      6. Makeup in SUV, driver’s side 3. Scroll through tablet to ensure all photos appear 4. Click “I’m Done” to be taken to interview portion of the scenario | |
| *Interview* | 1. Enure interviews can be conducted with drivers and/or witnesses in the scene:    1. David Short, Witness    2. Katie Singh, Witness 2. Ensure all the questions and answers outlined for each driver and/or witness below are correct (Question highlighted in green should only be visible if correlating evidence was photographed.) | |
| **David Short, Witness** | | |
| Witness Statement: “I was out for my morning run and was waiting at the light to cross the street when it happened - I watched the person in the Audi try to veer out of the way at the last minute, but it was too late.” | | |
| **Question** | | **Answer** |
| Can I get your name please? | | My name is David Short. |
| Can you tell me exactly what happened? | | The woman in the SUV was definitely not paying attention. She started to veer into on-coming traffic. As she entered the intersection, the other driver tried to swerve out of the way, but they hit each other. |
| How fast would you say both vehicles were traveling? | | I’d say about 70km; which is the speed limit on this road. |
| Did either vehicle honk their horns prior to impact? | | No, they didn’t - I think it all just happened so fast. I think the person in the Audi may have assumed that the SUV driver was going to turn left after they passed, but misread the situation. |
| (Q unlocked if makeup is tagged as evidence)  We found open make-up containers in the front seat; did you happen to see if the woman in the SUV was applying make-up while driving? | | Oh is that what she was doing? They were going pretty fast, but from what I could see, she did have her visor down and didn’t seem to be paying attention to the road. |
| **Katie Singh, Witness** | | |
| Witness Statement: I was walking my dog a few steps away from the intersection when the crash happened. I swear I saw the woman in the SUV doing her hair or something. I noticed she was veering out of her lane a bit, but there was nothing I could do, before I knew it, bang, they hit each other. | | |
| **Question** | | **Answer** |
| Can I get your name please? | | My name is Katie Singh. |
| Can you tell me exactly what happened? | | The SUV was coming up to the intersection and she didn’t seem to notice that she wasn’t in her lane. The Audi was also coming into the intersection - it looked as though she was going to swerve to avoid hitting the SUV but it was too late. |
| How fast would you say they were traveling? | | Pretty fast - I think the limit here is 70 or 80. Judging from how hard they hit each other, it must have been around that. |
| Are accidents at this intersection very common? | | I wouldn’t say so - I live near here, have for about 8 years now, and I haven’t seen or heard any other accidents. |
| (Q unlocked if makeup is tagged as evidence) You mentioned that it looked as though the driver of the SUV was doing her hair - would you say she was doing her make-up? | | Actually yeah! That must have been what she was doing - her visor was down and she was looking in the mirror - definitely didn’t have her eyes on the road. |
| *Ending Simulation* | 1. Asking the last question in the question list should bring you to the results screen. 2. Review data in the results screen. 3. If content, click “submit results”    1. This will close the simulation | |
| *Email* | 1. Check that email sent upon completion includes:    1. Photos    2. Overview of measurements    3. Transcript of interview | |

| **Hard Mode: Scenario 4 - Rain, T-Bone Collision** | | |
| --- | --- | --- |
| Storyline: Driver is obstructed by a tree that has fallen at the corner of the intersection, blocking the vision of the through road. The SUV is stopped at the stop sign and decides to go, even though they can’t see well enough to safely make the turn. The AUDI reaches the tree and decides to veer around it. T-bone collision occurs in the intersection. Vision is slightly impaired from rain.  Speed of SUV at point of impact ~ 15km Speed of AUDI at point of impact ~50km  Weather conditions - Rain, Evening  Date and Time - April 23, 7:15 PM 2020  Name of offense: Fail to Yield to Traffic on Through Highway  Dispatch Call: Attention all units, could you proceed to a two vehicle collision at the intersection of Grand River Street and South Service Road 67. Personal injury reported with one driver transported to Hospital with serious injuries. The other involved driver is at the scene. | | |
| **Part of Scenario** | **Steps to test:** | |
| *Investigation* | 1. Access tablet    1. Confirm that all information above is accurate    2. Note: further driver details for all simulations (driver’s license, automobile info etc) available in [GDD](https://docs.google.com/document/d/1Ic4ubiC6loUrEZh8wUh79weC6hECfM0fFIfbsg_i7no/edit?usp=sharing) 2. Access measurement and photo tools to take photos of evidence in scene/location (highlighted evidence unlocks questions for interview portion of the scene):    * 1. SUV Left Side Damage      2. AUDI Front Left Damage      3. Debris from collision      4. Skid marks      5. Airbag deployed      6. Tree that has fallen 3. Scroll through tablet to ensure all photos appear 4. Click “I’m Done” to be taken to interview portion of the scenario | |
| *Interview* | 1. Enure interviews can be conducted with drivers and/or witnesses in the scene:    1. Rodger Vossen, SUV Driver    2. Garry Hiram, Hatchback Driver 2. Ensure all the questions and answers outlined for each driver and/or witness below are correct (Question highlighted in green should only be visible if correlating evidence was photographed.) | |
| **Rodger Vossen, SUV Driver** | | |
| Witness Statement: “I was turning out of my neighbourhood onto the sideroad. I looked both ways and couldn't see any cars coming. I noticed the tree was down but I couldn't see any car coming behind it. When I took the left onto the sideroad the car came out of nowhere and took me out! I'm not sure how fast he was going but it must've been over the limit as I had no time to react. ” | | |
| **Question** | | **Answer** |
| Can I get your name please? As well as your license, registration and insurance? | | I’m Rodger Vassen |
| Can you tell me exactly what happened? | | I was turning out of my neighbourhood onto the sideroad. I looked both ways and couldn't see any cars coming. I noticed the tree was down but I couldn't see any car coming behind it. When I took the left onto the sideroad the car came out of nowhere and took me out! I'm not sure how fast he was going but it must've been over the limit as I had no time to react. |
| Have you consumed any drugs or alcohol today? | | No, I have not. Why would you ask that? I’m the victim here! |
| How fast were you traveling? | | I couldn’t have been going more than 15-20km into that turn since I was just stopped. |
| Roughly how fast was the other driver traveling? | | I’d say at least 70km, which is 20 over the limit for this road. |
| (Q unlocked if airbag is tagged as evidence) How are you feeling? Are you experiencing any dizziness or blurred vision? | | Not great; I am a bit dizzy and my left wrist hurts. No blurred vision though. Thanks for asking. |
| (Q unlocked if skid marks are tagged as evidence).   Do you remember if you tried to swerve out of the way at all before impact? | | No - I was making a left turn and it all happened so fast, I definitely didn’t have time to try and swerve.. |
| **Garry Hiram, Hatchback Driver** | | |
| Witness Statement: “ I was coming along the sideroad when I saw the tree down on the road. I checked behind me and maneuvered around the tree. As I moved around the tree the other driver peeled out in front of me last second! I had no time to stop or swerve, and did not see the car coming out of that intersection. ” | | |
| **Question** | | **Answer** |
| Can I get your name please? As well as your license, registration and insurance? | | I’m Garry. Garry Hiram. |
| Can you tell me exactly what happened? | | I was coming along the sideroad when I saw the tree down on the road. I checked behind me and maneuvered around the tree. As I moved around the tree the other driver peeled out in front of me last second! I had no time to stop or swerve, and did not see the car coming out of that intersection. |
| Have you consumed any drugs or alcohol today? | | No way. I would never do that and drive. |
| How fast were you traveling? | | Couldn’t have been going more than 50km. That’s the limit on this road I believe. |
| How fast was the other driver traveling? | | Probably about 20-30km? He was taking that turn way too fast. |
| (Q unlocked if airbag is tagged as evidence) How are you feeling? Are you experiencing any dizziness or blurred vision? | | No no. I’m fine. A little shocked, but nothing major. |
| (Q unlocked if skid marks are tagged as evidence).   Do you remember if you tried to swerve out of the way at all? | | I definitely didn’t - it all happened so fast. I didn’t have time to stop, or try and swerve to avoid collision. |
| *Ending Simulation* | 1. Asking the last question in the question list should bring you to the results screen. 2. Review data in the results screen. 3. If content, click “submit results”    1. This will close the simulation | |
| *Email* | 1. Check that email sent upon completion includes:    1. Photos    2. Overview of measurements    3. Transcript of interview | |

| **Hard Mode: Scenario 5 - Night, Pedestrian Hit** | | |
| --- | --- | --- |
| Storyline: Night time, Driver takes a left without paying close enough attention to the pedestrian. The Pedestrian also starts crossing the road without looking both ways. Collision occurs.  Speed of SUV at point of impact - 30km Weather conditions - Clear , Night Date and Time - August 27, 9:00 PM 2020  Name of offense: Improper Left Turn, Careless Driving  Dispatch Call: Attention all units, a pedestrian has been struck by a vehicle at the intersection of Grand River Street and South Service road 67. Paramedics have taken the pedestrian to Grand River Hospital. Pedestrian is in stable condition. | | |
| **Part of Scenario** | **Steps to test:** | |
| *Investigation* | 1. Access tablet    1. Confirm that all information above is accurate    2. Note: further driver details for all simulations (driver’s license, automobile info etc) available in [GDD](https://docs.google.com/document/d/1Ic4ubiC6loUrEZh8wUh79weC6hECfM0fFIfbsg_i7no/edit?usp=sharing) 2. Access measurement and photo tools to take photos of evidence in scene/location (highlighted evidence unlocks questions for interview portion of the scene):    * 1. Debris from accident      2. Skid marks      3. Blood on ground      4. Blood on car      5. Shoe      6. Paramedic Paraphernalia 3. Scroll through tablet to ensure all photos appear 4. Click “I’m Done” to be taken to interview portion of the scenario | |
| *Interview* | 1. Enure interviews can be conducted with drivers and/or witnesses in the scene:    1. Carlton Bentley, Witness    2. Bryan Almers, SUV Driver (Cautioned) 2. Ensure all the questions and answers outlined for each driver and/or witness below are correct (Question highlighted in green should only be visible if correlating evidence was photographed.) | |
| **Carlton Bentley, Witness** | | |
| Witness Statement: I heard tires squealing while I was putting the dishes away, I quickly ran outside and saw the pedestrian on the ground. I asked if they needed help and offered to call 911. That's when I made the call and waited here for the paramedics to arrive. | | |
| **Question** | | **Answer** |
| Can I get your name please? | | Yup. I’m Carlton Bentley. |
| Can you tell me exactly what happened? | | I heard tires squealing while I was putting the dishes away, I quickly ran outside and saw the pedestrian on the ground. I asked if they needed help and offered to call 911. That's when I made the call and waited here for the paramedics to arrive. |
| How responsive was the pedestrian when you asked if they needed help? | | To be honest, not very. They were breathing, but their eyes were closed and could barely open. |
| Are accidents like this common to this area? | | I don’t think so. I’ve lived at this corner for the last few years and I haven’t seen any accidents really. I’d say this is an isolated incident. |
| Are you feeling ok after witnessing this accident? Do you require any counselling support? | | Oh, I’m ok. But thank you for asking. |
| (Q unlocked if blood is tagged as evidence) When interacting with the pedestrian, did you notice any major injuries? | | Hm, hard to say. I didn’t really check, I just called 9-1-1 right away. |
| **Bryan Almers, SUV Driver (Cautioned)** | | |
| Witness Statement: I came up to my turn and took the left onto Grand River when the person came out of nowhere. They must’ve been on a run or something because I didn't see anyone when I was approaching the intersection, and by the time I saw them in my headlights it was too late! | | |
| **Question** | | **Answer** |
| Can I get your name please? As well as your license, registration and insurance? | | My name is Bryan Almers. |
| Can you tell me exactly what happened? | | It all happened so fast, I didn’t see anyone as I approached the intersection, so I thought I was clear to make a left turn, but by the time I saw her in my headlights it was too late and I…I hit her….I hope she’s ok. I feel just terrible. |
| Have you consumed any drugs or alcohol before getting behind the wheel today? | | No no, None whatsoever. |
| I see on your license that you require corrective eyewear while driving - were you wearing glasses when the accident occured? | | Admittedly, no. I forgot them at home - I didn’t think it would be a big deal since I was just going out to run a quick errand. Oh gosh, maybe if i had them on, this would not have happened. I feel so terrible. |
| Are you ok to drive or do you require alternative means and a tow for your vehicle? | | I think I’ll be ok to drive, but thank you. |
| (Q unlocked if skid marks are tagged as evidence) Do you recall if you slammed on your brakes or tried to swerve out of the way at all? | | I’m pretty sure I braked hard when I saw the lady in my headlights, but it was still too late. |
| *Ending Simulation* | 1. Asking the last question in the question list should bring you to the results screen. 2. Review data in the results screen. 3. If content, click “submit results”    1. This will close the simulation | |
| *Email* | 1. Check that email sent upon completion includes:    1. Photos    2. Overview of measurements    3. Transcript of interview | |

| **New Environment Mode: Scenario 6 - Single Car, Dawn, Collided with guardrail** | | |
| --- | --- | --- |
| Storyline: Early morning (just after dawn), a single Driver falls asleep at the wheel whilst travelling to work along the on-ramp . This results in a loss of control and an impact/collision with the guardrail. Thankfully, no injuries have occured. Small stretch of highway as well as on-ramp closed temporarily.  Speed at point of impact ~ 50km/hr Weather conditions - Clear, Morning (Dawn) Date and Time - July 2nd, 6:30 AM 2020  Name of offense: Careless/Reckless driving, distracted driving  Dispatch Call: Attention all units, a driver has collided with the guardrail heading on the on-ramp at King Street heading 86 South. The driver has experienced shock but thankfully no injuries of any kind are present. Vehicle remains on the on-ramp, proceed with caution | | |
| **Part of Scenario** | **Steps to test:** | |
| *Investigation* | 1. Access tablet    1. Confirm that all information above is accurate    2. Note: further driver details for all simulations (driver’s license, automobile info etc) available in [GDD](https://docs.google.com/document/d/1Ic4ubiC6loUrEZh8wUh79weC6hECfM0fFIfbsg_i7no/edit?usp=sharing) 2. Access measurement and photo tools to take photos of evidence in scene/location (highlighted evidence unlocks questions for interview portion of the scene):    * 1. Debris from collision      2. Damage to vehicles passenger side doors      3. Damage to passenger side headlight      4. Damage to guardrail      5. Skid marks      6. Case of energy drinks in the passenger seat footwell 3. Scroll through tablet to ensure all photos appear 4. Click “I’m Done” to be taken to interview portion of the scenario | |
| *Interview* | 1. Enure interviews can be conducted with drivers and/or witnesses in the scene:    1. Shawn Boateng, Driver 2. Ensure all the questions and answers outlined for each driver and/or witness below are correct (Question highlighted in green should only be visible if correlating evidence was photographed.) | |
| **Shawn Boateng, Driver** | | |
| Witness Statement:: “I’m not exactly sure how this happened Officier, to be completely honest with you. One minute I’m driving to work, the next minute I’m trying to pull my vehicle away from the guardrail. It’s like I lost control of the steering somehow? Now I’m not too knowledgeable about mechanics, though maybe the brakes or steering are broken somehow?” | | |
| **Question** | | **Answer** |
| Can I get your name please? As well as your license, registration and insurance? | | Uh, yeah. I’m Shawn. Last name Boateng. |
| Can you tell me exactly what happened? | | I’m not exactly sure how this happened Officer, to be completely honest with you. One minute I’m driving to work, the next minute I’m trying to pull my vehicle away from the guardrail. It’s like I lost control of the steering somehow? Now I’m not too knowledgeable about mechanics, though maybe the brakes or steering are broken somehow? |
| Have you consumed any drugs or alcohol before getting behind the wheel today? | | Oh man, no. No, I would never do that! |
| Are you comfortable with driving your vehicle in this state, or do you require a tow? | | I might need a tow - if there’s something wrong with my steering, I don’t want to risk another accident. |
| Are you ok, do you require medical assistance? | | Oh I’m fine, just a little confused about how this could’ve happened. |
| (Q unlocked if energy drinks are tagged as evidence) Did you consume any energy drinks today? | | Umm, yeah. I had a couple of cans when I got out of bed this morning. I have trouble sleeping, and need a little jolt in the morning. Coffee doesn’t really do the trick these days. |
| *Ending Simulation* | 1. Asking the last question in the question list should bring you to the results screen. 2. Review data in the results screen. 3. If content, click “submit results”    1. This will close the simulation | |
| *Email* | 1. Check that email sent upon completion includes:    1. Photos    2. Overview of measurements    3. Transcript of interview | |

| **New Environment Mode: Scenario 7 - High Speed sideswipe, Snow/Black ice** | | |
| --- | --- | --- |
| Storyline: An SUV driver traveling over the speed limit down the on-ramp, hits black ice. This causes it to merge unintentionally. This results in a pick up truck clipping the driver side of the SUV’s nose which sends it barreling down the freeway, many lanes across, towards the express lane’s guardrail. The pickup driver was rushed to hospital in critical condition, the SUV driver has just finished medical checks.  Speed at point of impact ~85km Weather conditions - Snow, Morning Date and Time - Jan 28th, 6:15 AM 2020  Name of offense: Failed to drive marked lane, reckless driving  Dispatch Call: Attention all units, we need you to respond to a two-car vehicle collision on the on- ramp at King Street heading 86 South. Note: one vehicle is upside down. One driver in critical condition on route to Grand River ER. | | |
| **Part of Scenario** | **Steps to test:** | |
| *Investigation* | 1. Access tablet    1. Confirm that all information above is accurate    2. Note: further driver details for all simulations (driver’s license, automobile info etc) available in [GDD](https://docs.google.com/document/d/1Ic4ubiC6loUrEZh8wUh79weC6hECfM0fFIfbsg_i7no/edit?usp=sharing) 2. Access measurement and photo tools to take photos of evidence in scene/location (highlighted evidence unlocks questions for interview portion of the scene):    * 1. Skidmarks      2. All airbags deployed      3. Damage to SUV      4. Damage to Pick Up      5. Damage to Guardrails 3. Scroll through tablet to ensure all photos appear 4. Click “I’m Done” to be taken to interview portion of the scenario | |
| *Interview* | 1. Enure interviews can be conducted with drivers and/or witnesses in the scene:    1. Mary-Ann M. Kovacs, Driver (Cautioned)    2. Karen Stevens, Witness 2. Ensure all the questions and answers outlined for each driver and/or witness below are correct (Question highlighted in green should only be visible if correlating evidence was photographed.) | |
| **Mary-Ann M. Kovacs, Driver (Cautioned)** | | |
| Witness Statement: “I was coming down the on-ramp at…\*pause\*...normal speeds I’d say and then all of a sudden I’m sliding and drifting towards a pickup in my blindspot! I feel terrible about the poor man in the truck. I really hope he’s going to be okay, do you think that he’s going to be okay?! Please I don’t know what happened, I’m just so scared and confused!” | | |
| **Question** | | **Answer** |
| Can I get your name please? As well as your license, registration and insurance? | | Yes of course. My name is Mary-Ann Kovacs. |
| Can you tell me exactly what happened? | | I was coming down the on-ramp at…\*pause\*...normal speeds I’d say and then all of a sudden I’m sliding and drifting towards a pickup in my blindspot! I feel terrible about the poor man in the truck. I really hope he’s going to be okay, do you think that he’s going to be okay?! Please I don’t know what happened, I’m just so scared and confused! |
| When you say ‘normal’ speed, how fast do you think you were going? | | I was matching the speed of traffic, so probably like….85 k, maximum. |
| Do you need assistance calling for a tow, or arranging transportation? | | I’ll be ok, I’ve got CAA, they’re en route to help. |
| (Q unlocked if airbags are tagged as evidence) Are you experiencing any dizziness or blurred vision? | | I’m feeling a little sore, and a bit dizzy, but my vision is fine. |
| (Q unlocked if skid mars are tagged as evidence). Do you remember breaking, or swerving before or after the collision. | | I don’t remember having any control over the vehicle at all. It was really scary! |
| **Karen Stevens, Witness** | | |
| Witness Statement: “I saw everything. Oh, please tell me that young man is going to be okay! I saw his Licence plate, he’s from out of province I think. Please tell me you’re going to arrest that reckless asshole! I’m sorry, it’s just that some people don’t know not to drive stupid, especially when there is black ice everywhere!” | | |
| **Question** | | **Answer** |
| Can I get your name please? | | Of course officer. I’m Karen, Karen Stevens. |
| Can you tell me exactly what happened? | | Yes - saw everything. The SUV driver was going way too fast, and I swear they were trying to merge before clearing their lane, so bang! That’s when she hit that poor young man in the pick-up! Such recklessness! |
| Are you feeling ok after witnessing the accident; do you require any support resources? | | I’m ok - it was scary, but I’ll be fine. I just hope that young man is ok! |
| How fast do you think the SUV was traveling? | | I’d say they were going close to 100 km! So unsafe! Especially with the black ice being everywhere! People need to be more careful! |
| Did the pick-up driver remain in his lane? | | Yes, he did. The SUV driver is to blame here! |
| *Ending Simulation* | 1. Asking the last question in the question list should bring you to the results screen. 2. Review data in the results screen. 3. If content, click “submit results”    1. This will close the simulation | |
| *Email* | 1. Check that email sent upon completion includes:    1. Photos    2. Overview of measurements    3. Transcript of interview | |

| **New Environment Mode: Scenario 8 - Rear End, Evening, Distracted driving** | | |
| --- | --- | --- |
| Storyline: A Hatchback driver travels over the speed limit down the on-ramp while eating food and texting. They do not notice a pick up truck yielding and waiting to merge. Hatchback rear ended the pick up truck. Both drivers are recovering from shock. The pick up truck driver experienced slight whiplash and is irritated.  Speed at point of impact - 55km Weather conditions - Sunny, Noon Date and Time - Aug 18th, 12:15 PM 2020  Name of offense: Distracted driving, Reckless Driving  Dispatch Call: Attention all units, please respond to a two-car collision on the on- ramp at King Street heading 86 South. A hatchback has rear ended a pick up truck yielding to merge. The pick up truck driver is experiencing neck pains. Both vehicles are in park along the on-ramp and please approach with caution. | | |
| **Part of Scenario** | **Steps to test:** | |
| *Investigation* | 1. Access tablet    1. Confirm that all information above is accurate    2. Note: further driver details for all simulations (driver’s license, automobile info etc) available in [GDD](https://docs.google.com/document/d/1Ic4ubiC6loUrEZh8wUh79weC6hECfM0fFIfbsg_i7no/edit?usp=sharing) 2. Access measurement and photo tools to take photos of evidence in scene/location (highlighted evidence unlocks questions for interview portion of the scene):    * 1. Skidmarks      2. All airbags deployed      3. Damage to Hatchback Damage to Pick Up      4. Food, cell phone, and wireless earbuds scattered in drivers footwell      5. Damage to guard rails 3. Scroll through tablet to ensure all photos appear 4. Click “I’m Done” to be taken to interview portion of the scenario | |
| *Interview* | 1. Enure interviews can be conducted with drivers and/or witnesses in the scene:    1. Sebastian Gomez, Driver (Cautioned)    2. Chin Yang, Driver (irritable) 2. Ensure all the questions and answers outlined for each driver and/or witness below are correct (Question highlighted in green should only be visible if correlating evidence was photographed.) | |
| **Sebastian Gomez, Driver (Cautioned)** | | |
| Witness Statement: “I was heading down the on-ramp when all of a sudden an old water bottle rolled underneath my pedals and when I got back up from grabbing it all I saw was the truck’s tailgate. I didn’t even see the truck before that man I swear!” | | |
| **Question** | | **Answer** |
| Can I get your name please? As well as your license, registration and insurance? | | Of course. I’m Sebastian Gomez |
| Can you tell me exactly what happened? | | I was heading down the on-ramp when all of a sudden an old water bottle rolled underneath my pedals and when I got back up from grabbing it all I saw was the truck’s tailgate. I didn’t even see the truck before that man I swear! |
| Have you consumed any drugs or alcohol before getting behind the wheel today? | | No I haven’t, I swear! |
| Would you describe yourself as a safe driver? | | I’d like to think so, yeah. I know i don’t always follow the rules of the road to a T, but I’m not reckless by any means! |
| (Q unlocked airbag is tagged as evidence) are you experiencing any dizziness or blurred vision? | | Now that you mention it, yeah, I’m feeling a bit dizzy and am struggling to focus my eyes. |
| (Q unlocked if debris in vehicle (food wrappers etc) is tagged as evidence). Were you eating while driving today? | | Umm, yes. But nothing elaborate, just a sandwich. I drive and eat all the time, I’m confident enough to do it safely. |
| **Chin Yang, Driver (irritable)** | | |
| Witness Statement: “He was texting and eating. I saw him in my rear view mirror right before the asshole hit me. My neck and face are killing me, I just want this to be over with! This is my side of the story, so please take your statement and let me get home or to a doctor or something…and take that asshole’s license away please. Do something to fix this!” | | |
| **Question** | | **Answer** |
| Can I get your name please? As well as your license, registration and insurance? | | I’m Chin Yang. |
| Can you tell me exactly what happened? | | This asshole was eating while driving, not paying attention, and rear-ended me. Now I’m in pain, and this person better be held accountable for my injuries and damage to my car! |
| Do you require medical assistance, would you like me to call an ambulance? | | No ambulance necessary, thank you. I can take myself to a doctor as soon as we’re done here. |
| Are you comfortable with driving your vehicle in it’s current state, or do you need assistance sourcing a tow? | | It’ll be ok to drive; as long as all the photos were taken for insurance and case purposes. I’ll take this unsafe asshole driver to court if I have to, he’ll pay for this! |
| (Q unlocked if airbag is tagged as evidence) are you experiencing any dizziness or blurred vision? | | Not at all. I’m fine, just angry. |
| (Q unlocked if debris in vehicle (food wrappers etc) is tagged as evidence). Can you confirm that you saw the driver eating when he hit you? | | One hundred percent! I saw him eating in my rearview mirror, when I looked when I could feel that he was approaching too quickly. |
| *Ending Simulation* | 1. Asking the last question in the question list should bring you to the results screen. 2. Review data in the results screen. 3. If content, click “submit results”    1. This will close the simulation | |
| *Email* | 1. Check that email sent upon completion includes:    1. Photos    2. Overview of measurements    3. Transcript of interview | |