

**Special Investigations and
Prosecutions Unit**

**Report on the Investigation into
The Death of Lillian Weyanna**



**Letitia James
NYS Attorney General**

EXECUTIVE SUMMARY

On July 8, 2015, Governor Andrew Cuomo signed Executive Order No. 147 (the “Executive Order”), appointing the Attorney General as special prosecutor “to investigate, and if warranted, prosecute certain matters involving the death of an unarmed civilian . . . caused by a law enforcement officer.” On December 8, 2018, Lillian Weyanna (“Ms. Weyanna”) was struck by an unmarked police vehicle operated by Inv. Kevin Klump (“Inv. Klump”) of the Greece Police Department (“GPD”). Governor Cuomo subsequently issued Executive Order No. 147.23, expressly conferring jurisdiction on the Attorney General to investigate any potential unlawful acts or omissions related to Ms. Weyanna’s death.

Inv. Klump was driving in the eastbound lane of Route 104 in the Town of Parma, at approximately 9:00 p.m. when he struck Ms. Weyanna, who was crossing the two-lane highway on foot. Ms. Weyanna, 4’7” tall and weighing 90 pounds, was legally intoxicated and wearing all black outer-clothing as she attempted to navigate a roadway at an unlit location where there were no crosswalk markings, stop signs, or traffic signals. Based upon the totality of the evidence, the Office of the Attorney General (OAG) finds that Ms. Weyanna’s death was a tragic accident and was not the result of any unlawful acts or omissions by Inv. Klump.

The OAG’s investigation and review of this matter included the following:

- All Monroe County Sheriff’s Office (“MCSO”) reports relating to the incident including the collision reconstruction report;¹
- Interviews with a civilian who interacted with Ms. Weyanna prior to the collision, a civilian who nearly collided with Ms. Weyanna in the roadway just before she was struck by Inv. Klump’s vehicle, and the civilian with whom Ms. Weyanna resided;
- An interview of Inv. Klump;
- Analysis of Inv. Klump’s cell phone (for evidence of use while driving) and blood (for evidence of alcohol or illicit substance use while driving);
- Records from the Spencerport Ambulance;
- Inspection of the location of the incident; and
- Review of the Monroe County Medical Examiner’s Report concerning the autopsy of Ms. Weyanna.

¹ The Greece Police Department was not involved in the investigation of this incident.

STATEMENT OF FACTS²

Route 104 (also known as West Ridge Rd.) and Trimmer Rd. intersect in the Town of Parma; Route 104 runs east/west and Trimmer Rd. runs north/south. This incident occurred on Route 104, east of the Trimmer Rd. intersection. Ms. Weyanna lived in a residence on Trimmer Rd. south of Route 104. A map of the general area is below.



A. The Collision

CW-1³ was working at 'A Gust of Sun' winery on December 8, 2018, when, at approximately 8:30 p.m., Ms. Weyanna entered the establishment. According to CW-1, Ms. Weyanna left the winery on foot, carrying the bottle of wine inside an orange bag;⁴

² None of the material described in this report was obtained using Grand Jury subpoenas.

³ To protect their privacy, civilian witnesses are referred to as "CW"-1, -2, etc.

⁴ The orange bag as well as distinctive glass fragments from the wine bottle were located at the scene of the crash.

At approximately 9:00 p.m., CW-2 was traveling west on Route 104. As she approached the intersection of Route 104 and Trimmer Rd., she saw a “glint” in the road that looked like eyes. CW-2 realized that a woman dressed entirely in black had walked into the roadway in front of her car. Although CW-2 swerved to the right shoulder of the road and thereby avoided a collision, CW-2 said she came “literally inches” from striking the woman.

According to CW-2, the woman crossing the road appeared unsteady on her feet and was walking south across an unlit portion of Route 104 near Griff’s brewery.⁵ After passing the woman, CW-2 looked in her rearview mirror and saw activated brake lights on a vehicle traveling east on Route 104. CW-2 assumed that the woman in the road had crossed into the opposite lane of travel; CW-2 did not realize, however, that another vehicle actually struck the woman until the next day when she heard about it on the news. Realizing that the deceased woman on the news was the same person with whom she had nearly collided the night before, CW-2 contacted the police and reported the incident.

Inv. Klump worked the 2:00 p.m. to 10:00 p.m. shift on December 8, 2018.⁶ Around 8:00 p.m., after interviewing a witness, Inv. Klump purchased dinner and ate it seated in his unmarked vehicle across the street from a frequently vandalized car dealership. At some point, he noticed a vehicle weaving through the lot and decided to follow the car when it exited the dealership and drove west toward the bordering town of Parma; as an investigator, Inv. Klump was permitted to leave the town of Greece. In Parma, Inv. Klump saw the vehicle turn into another dealership and concluded that despite the hour and lack of light, the person in the vehicle was likely looking at vehicles. Inv. Klump then turned his vehicle around and began driving back to Greece.

At approximately 9:00 p.m., Inv. Klump was traveling east on Route 104. After passing the intersection of Trimmer Rd. and Route 104, Inv. Klump said he struck something in an unlit area of the roadway; he only realized it was a pedestrian when the person was propelled onto his windshield. At the moment of impact, Inv. Klump said the pedestrian was in the middle of the eastbound lane of traffic.

B. Post-Collision

Inv. Klump said he stopped his vehicle on Route 104 but did not back up, because he was unsure of the exact location of the body. He found Ms. Weyanna, whom he did not know, approximately 20 yards behind (to the west of) his vehicle, on the south side of the roadway. Inv. Klump then maneuvered his car to illuminate the area, reported the matter to dispatch, and requested an ambulance.

According to recorded dispatch communications kept by the Monroe County / City of Rochester Emergency Communications Department, at approximately 9:00 p.m. Inv. Klump radioed, “[Inaudible] send an ambulance to 104 - hold on I’ll get you an address. I just struck a person in the roadway. 104 and Trimmer Rd. in Parma.” After the dispatcher acknowledged the

⁵ Griff’s brewery is adjacent to A Gust of Sun winery.

⁶ Inv. Klump waived his Fifth Amendment rights and spoke to members of the OAG and MCSO about this incident.

call, Inv. Klump added, “*Have [them] expedite.*” Approximately one minute later Inv. Klump advised, “*I’m starting CPR.*”⁷

As Inv. Klump was providing CPR, he said a small vehicle stopped at the scene and two women approached him. Inv. Klump told them that he was a police officer and had just struck a pedestrian. According to Inv. Klump, the two women then left the scene without offering help. Inv. Klump continued providing CPR until a volunteer firefighter arrived and began to assist. At that point, other law enforcement members began to arrive.

At approximately 9:03 p.m., a man contacted 911 from “*Trimmer and Ridge.*” He reported that, “*we were just driving by and we saw somebody appears to be giving somebody else like CPR on the side of the road.*” At the end of his call, he states that two police officers have arrived on scene.

Members of the Spencerport Ambulance arrived at approximately 9:07 p.m. They noted that Ms. Weyanna was obviously deceased and did not engage in resuscitation attempts so as not to disturb the scene.⁸

C. Analysis of Inv. Klump’s blood and cellular phone.

At the scene of the incident, Inv. Klump voluntarily submitted to a pre-screening device;⁹ the result was negative for the presence of alcohol in his system. Inv. Klump was then transported to Strong Memorial Hospital where, by consent, a sample of his blood was drawn and submitted to the Monroe County Medical Examiner’s Office for toxicological analysis. Inv. Klump’s blood was negative for alcohol as well as any illicit intoxicating substances such as cocaine, opiates, cannabinoids, and benzodiazepines.

Inv. Klump also permitted the MCSO to download and analyze his cellphone to determine whether he was talking or texting at the time of the incident. Analysis revealed that he was not using his phone at the time of the incident.

D. Medical Examiner Report

Ms. Weyanna’s body was transported to the Monroe County Medical Examiner’s (“ME”) Office where Dr. Lorraine Lopez-Morell performed a post-mortem examination. As noted in the final autopsy report, Ms. Weyanna’s outermost layer of clothing consisted of a black jacket and black jeans; she stood 4 feet 7 inches tall, weighed 90 pounds, and appeared consistent with her reported age of 52 years. Toxicological analysis of Ms. Weyanna’s blood revealed that her blood

⁷ “CPR” is an abbreviation of Cardiopulmonary Resuscitation, an emergency lifesaving procedure performed when the heart stops beating. *See*, https://cpr.heart.org/AHA/ECC/CPRAndECC/AboutCPRECC/WhatIsCPR/UCM_499896_What-is-CPR.jsp

⁸ Ambulance records disclosed that Ms. Weyanna had no pulse or blood pressure.

⁹ Pre-screening devices are roadside tools used by law enforcement to test for the presence or absence of alcohol in an individual’s system.

alcohol content exceeded the legal limit; her blood also contained metabolites indicative of recent marijuana consumption.

Dr. Lopez-Morell found evidence of recent blunt force injuries to Ms. Weyanna's head and neck, torso, and extremities. She deemed the cause of death, "Multiple blunt force injuries" and the manner of death, "Accident." ¹⁰

E. MCSO Collision Reconstruction Report

Route 104 was closed to local traffic in the area while MCSO Deputy CJ Schillaci ("Dep. Schillaci") and others responded to and processed the scene. Dep. Schillaci, a certified reconstructionist, performed a Motor Vehicle Collision Investigation and Analysis and generated a report. ¹¹ In turn, Dep. Schillaci's full report was peer-reviewed and approved by an independent, New York State Police (NYSP) certified crash reconstructionist. ¹²

Dep. Schillaci determined that the collision occurred east of the Trimmer Rd. / Route 104 intersection. At the time of the collision (9:00 p.m.), there was no natural light. There were two streetlamps at the intersection, but one was inoperable. Dep. Schillaci found that the single light at the northeast corner of Trimmer Rd. and Route 104 was behind Inv. Klump's vehicle at the moment of impact and offered "little if any lighting at the area of impact." ¹³

Based on the physical evidence, Dep. Schillaci concluded that when the collision occurred, Ms. Weyanna was located entirely within the eastbound lane of vehicular travel, slightly to the passenger (south) side of center. Dep. Schillaci deduced that Ms. Weyanna had not been crossing the road in a straight north to south path but was instead either walking west in the eastbound lane or crossing at a shallow westbound angle. ¹⁴ After the collision, Ms. Weyanna's body came to rest approximately 130 feet east of the area of impact, in the snow adjacent to the south shoulder of Ridge Road. Dep. Schillaci was unable to definitively resolve whether Ms. Weyanna struck the road first and then rolled onto the snow or whether she landed on the snow where she continued to roll before coming to rest; he did opine that the former scenario was "probable."

The speed limit at the area of the incident was 55 mph. The NYSP attempted to extract data from the crash data recorder (commonly referred to as a "black box") located in Inv. Klump's vehicle, but the collision did not trigger the instrument, and no events were recorded. However,

¹⁰ A copy of the final ME report is attached hereto as Exhibit 1.

¹¹ A reconstructionist is an expert, who has been specially trained and qualified to recreate the scene of a motor vehicle incident after examining all aspects of a collision.

¹² A copy of the final report is attached hereto as Exhibit 2.

¹³ See Exhibit 2, p.1-2.

¹⁴ This is consistent with the fact that Ms. Weyanna's home was located on Trimmer Road, southwest of the winery from which she was walking.

there was enough physical evidence at the scene to enable Dep. Schillaci to calculate a range encompassing the speed at which Inv. Klump was traveling.

Dep. Schillaci determined that Inv. Klump's minimum speed at the moment of impact was 59 mph.¹⁵ Inv. Klump's maximum speed was between 59.80 mph and 61.89 mph.¹⁶ The range [59.80 mph to 61.89 mph] reflected the unknown variable, noted above, of whether Ms. Weyanna landed on the road or in the snow before rolling to the location where her body came to rest. Accordingly, Dep. Schillaci determined that Inv. Klump was traveling not less than 59 mph and not more than 61.89 mph.

Dep. Schillaci concluded that the primary cause of the collision was Ms. Weyanna's presence in the eastbound lane of travel, noting that "[t]he dark area coupled with black clothing made it extremely difficult to see the pedestrian."

LEGAL ANALYSIS

A comprehensive review of the evidence in this incident compels the conclusion that Ms. Weyanna's death was a tragic accident for which Inv. Klump is not criminally liable. Inv. Klump was operating his vehicle reasonably, within his designated lane. He was not texting, speaking on his cell phone, or traveling at an unreasonable speed.¹⁷ Ms. Weyanna, wearing dark, non-reflective clothing, crossed a two-lane highway at an unlit location that lacked crosswalk markings, stop signs, traffic signals, or overhead lights. She was nearly struck by CW-2 in the westbound lane before moving into the eastbound lane where she was hit by Inv. Klump. Based upon the facts of this case, the OAG deems the matter an accident.

RECOMMENDATIONS

Based upon the collective circumstances and facts of this incident, the OAG makes no recommendations.

¹⁵ See Exhibit 2, p. 6.

¹⁶ See Exhibit 2, p. 8.

¹⁷ While the speed here was not excessive, it bears noting that in New York, excessive speed alone, without some sort of additional "seriously blameworthy carelessness" such as "consciously accelerating in the presence of an obvious risk" is insufficient to support criminal negligence. *People v. Cabrera*, 10 N.Y.3d 370, 377-378 (2008) (citing *People v. Boutin*, 75 N.Y.2d 696 (1990); *People v. Paul V.S.*, 75 N.Y.2d 944 (1990)).

EXHIBIT 1



**CASE SUMMARY
REPORT**

Case Number: 18-03294
Pathologist: Lorraine Lopez-Morell, MD
Pronounced: Dec 9 2018 1:08AM
ME Case
County/Origin: Monroe Co.

Name: Lillian Weyanna

Date of Birth: [REDACTED]

Manner of Death: Accident

Age: 52 Years

Cause of Death: Multiple blunt force injuries

FINAL FINDINGS

- I. Blunt force injuries of the head and neck:
 - a. Abrasion of the left forehead.
 - b. Laceration of the right forehead.
 - c. Laceration of the right cheek.
 - d. Lacerations of the right chin.
 - e. Periorbital ecchymoses.
 - f. Subgaleal hemorrhage, right frontoparietal scalp.
 - g. Comminuted fractures of the right frontal, parietal and occipital bones.
 - h. Hinge fractures, comminuted.
 - i. Comminuted fractures of the orbital plates.
 - j. Thin bilateral subdural hemorrhages.
 - k. Thin diffuse subarachnoid hemorrhages.
 - l. Complete transection of the vertebral column, C5-6.
- II. Blunt force injuries of the torso:
 - a. Brush abrasions of the right flank.
 - b. Brush abrasions of the left lower abdomen and left flank.
 - c. Multiple bilateral rib fractures.
 - d. Bilateral pulmonary contusions, upper lobes.
 - e. Hemothoraces, bilateral, 150 mL partially clotted blood.
 - f. Laceration of the right lobe of the liver.
 - g. Lacerations of the mesentery.
 - h. Laceration of the small bowel:
 - i. Partially digested bowel contents in peritoneum.
 - i. Hemoperitoneum, 10 mL.
 - j. Laceration of the abdominal aorta, partial thickness.
 - k. Retroperitoneal hemorrhage.
 - l. Comminuted displaced fractures of the pelvis.
 - m. Rupture of the urinary bladder.
- III. Blunt force injuries of the extremities:
 - a. Fracture of the scapulae.
 - b. Abrasion of the right dorsal forearm.
 - c. Contused abrasions of the right dorsal hand.
 - d. Fracture of the right ulna.

Office of the Medical Examiner
Monroe County
New York



**CASE SUMMARY
REPORT**

Case Number: 18-03294

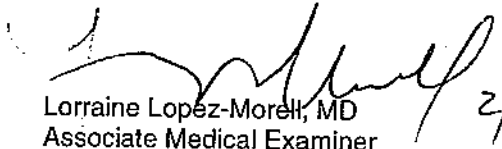
Pathologist: Lorraine Lopez-Morell, MD

Pronounced: Dec 9 2018 1:08AM

ME Case

County/Origin: Monroe Co.

- e. Fracture of the right 4th metacarpal.
 - f. Abrasion of the left dorsal third digit.
 - g. Abrasions and contusions of the left knee.
 - h. Comminuted displaced fractures of the femurs.
 - i. Fractures of the left tibia and fibula.
 - j. Abrasion of the right thigh.
 - k. Abrasion of the right lateral knee.
 - l. Laceration of the right shin.
 - m. Contused abrasions of the left shin and left ankle.
 - n. Contused abrasions of the right dorsal foot and ankle.
- IV. Pulmonary emphysema, marked.
- V. Non-specific lymphocytic triaditis of the liver.


Lorraine Lopez-Morell, MD
Associate Medical Examiner

2/8/19



Name: Lillian Weyanna

Date of Birth: [REDACTED]

External Exam Start: Dec 10 2018 9:16AM
Internal Exam Start: Dec 10 2018 10:17AM

External Exam End: Dec 10 2018 9:45AM
Internal Exam End: Dec 10 2018 11:05AM

GROSS FINDINGS

POSTMORTEM EXAMINATION: An autopsy is performed on the body of Lillian Weyanna on the 10th day of December, 2018, commencing at 9:16 AM.

EXTERNAL EXAMINATION: The body is that of a well-developed, well-nourished adult American Indian female (with a Body Mass Index of 20.92 kg/m²), who weighs 90 pounds, is 55 inches in length, and appears compatible with the reported age of 52 years at the time of examination. There is an identification tag secured around the left ankle with the following handwritten information: 18-03294; Lillian Weyanna; 12/09/2018; Age: 52 yrs.

The body is received clad in a black jacket, a multicolored shirt, black jeans, a gray sweater, multicolored leggings, a pair of beige socks, a pink sports bra, multicolored underwear, and a brown belt. Accompanying personal effects include \$0.10, pink headphones, pink metal earrings (2), a white metal necklace, a white metal ring with multicolored stones, a white metal ring with clear stones, a white metal wristwatch, ID cards, a black lighter, a red lighter, and a pack of cigarettes. The body is cool. Rigor mortis is fully fixed. Fixed, faint purple livor mortis extends over the posterior surfaces of the body, except in areas exposed to pressure. The scalp hair is brown, wavy, and medium in length, measuring 7 inches in length over the crown. The irides are brown. The pupils are round, measuring 0.4 cm in diameter bilaterally. The corneae are translucent. The sclerae are white and the conjunctivae are clear. No petechial hemorrhages are identified on the sclerae, bulbar conjunctivae, facial skin, or oral mucosa. The nose is unremarkable. The ears are normally formed with a single pierce mark in each earlobe. The mouth is edentulous with dentures in place. The frenula are intact. The neck is unremarkable. The thorax is well developed and symmetrical. The abdomen is flat. The anus and back are unremarkable. The external genitalia are consistent with that of a normal adult female. The breasts are normally formed, without palpable masses. The upper and lower extremities are well developed and symmetrical, without absence of digits. The fingernails are covered with red nail polish and are evenly trimmed. The toenails are covered with chipped glitter nail polish. Identifying marks and scars include a linear vertical 4 ½ inch scar on the lower abdomen.

EVIDENCE OF RECENT MEDICAL/SURGICAL INTERVENTION: None.

EVIDENCE OF INJURY/RECENT TRAUMA:

BLUNT FORCE INJURIES OF THE HEAD AND NECK

The left aspect of the forehead has a rectangular 2 ¾ x 1 ¼ inch red abrasion. The right aspect of the forehead has a ½ inch laceration above the eyebrow. The right cheek has a ½ inch vertical laceration. The right chin has a ¾ inch full thickness laceration. The right lower chin has a 7/8 inch red laceration. The eyes have purple periorbital ecchymoses. The right frontoparietal scalp shows a red purple subgaleal hemorrhage with underlying comminuted fractures of the right frontal, left parietal, and occipital bones extending diagonally across the sagittal suture. The basilar skull has a type I comminuted hinge fracture extending from the right orbital plate, through the sella turcica, to the left middle and posterior fossae. There are bilateral thin liquid subdural hemorrhages over the cerebral convexities. The brain has diffuse subarachnoid hemorrhages. The cervical vertebral column is transected at the level of the 5th-6th cervical vertebrae.



BLUNT FORCE INJURIES OF THE TORSO

The right flank has an 11 ¼ x 5 inch yellow-red brush abrasion. The left lower abdomen and left flank has a yellow 8 x 6 ½ inch brush abrasion. The right 2nd through 7th and left 2nd through 5th and 7th through 10th ribs are fractured with moderate soft tissue hemorrhage and associated bilateral 150 mL partially clotted hemothoraces. The upper lobes of the lungs show purple contusions. The right lobe of the liver, at the superior surface, shows a curvilinear 4 ¾ inch superficial laceration with a thin associated hemoperitoneum measuring approximately 10 mL. The small bowel is lacerated with extrusion of partially digested food into the pelvis. The mesentery of the small bowel shows multiple lacerations with moderate hemorrhage. There is a partial thickness laceration of the abdominal aorta with mild periaortic soft tissue hemorrhage located 2 inches above the iliac bifurcation. The pelvis shows multiple comminuted and displaced fractures with hemorrhage involving the right iliac and bilateral pubic rami. The urinary bladder is ruptured.

BLUNT FORCE INJURIES OF THE EXTREMITIES

Radiographs reveal comminuted fractures of the scapulae, right ulna, right 4th metacarpal, left tibia and fibula, and femurs. The right dorsal forearm has a 2 ½ x ¼ inch yellow-red abrasion. The right dorsal hand has a confluent contused abrasion measuring 6 x 2 ¾ inches overall. The dorsal left third digit has a ¼ inch red abrasion. The left knee has multiple purple contusions measuring up to 3 inches and a yellow 1 ¾ inch abrasion. There are palpable comminuted and displaced fractures of the femurs centered 19 inches above the heels. The right thigh has a 1 x ¼ inch abrasion. The right lateral knee has a 1 inch abrasion. The right shin has a 1 inch laceration. The left shin and left ankle show multiple abraded contusions over an 8 x 2 inch area. The right dorsal foot and ankle show multiple abrasions measuring up to ½ inch.

INTERNAL EXAMINATION:

BODY CAVITIES:

The body is opened with a standard Y-shaped incision. No adhesions are in any of the body cavities. All body organs are present in normal and anatomic position. The serosal surfaces are smooth and glistening.

CENTRAL NERVOUS SYSTEM:

The brain weighs 1190 grams. The dura mater and falx cerebri are intact and not adherent to the surface of the brain. The leptomeninges are thin and delicate. There is no epidural hemorrhage. The cerebral hemispheres are symmetrical. The structures at the base of the brain, including cranial nerves and blood vessels, arise normally. Sections through the cerebral hemispheres reveal no lesions within the cortex, subcortical white matter, or deep parenchyma of either hemisphere. The cerebral ventricles are of normal caliber. Sections through the brain stem and cerebellum are unremarkable.

NECK:

Examination of the soft tissues of the neck, including strap muscles and large vessels, reveals no abnormalities. The hyoid bone and larynx are intact. Serial examination of the tongue is unremarkable.

CARDIOVASCULAR SYSTEM:

The heart weighs 250 grams. The pericardial sac is free of significant fluid or adhesions. The epicardial surfaces are smooth, glistening, and unremarkable. The coronary arteries arise normally and follow the distribution of a right dominant pattern with no significant arteriosclerosis. The chambers and valves bear the usual size/position relationship and are unremarkable. The following circumferential valve measurements are obtained: tricuspid valve, 10 cm; pulmonic valve, 6.7 cm; mitral valve, 6.4 cm; and aortic valve, 5.4 cm. The myocardium is dark red-brown, firm, and free of local or regional fibrosis, erythema, pallor, or softening. The atrial and ventricular septa are intact and the septum and free walls are free of muscular bulges. The right ventricle measures 0.3 cm and the left ventricle measures 1.2 cm in thickness as measured 1 cm below the respective atrioventricular valve annulus. The interventricular septum thickness is 1.3 cm. The aorta and its major branches arise normally and follow the usual course, with no significant atherosclerosis. The vena cava and its major tributaries return to the heart in the usual distribution and are unremarkable.



RESPIRATORY SYSTEM:

The right and left lungs weigh 250 and 210 grams, respectively. The pleural surfaces are smooth and glistening. The upper and lower airways are unobstructed, and the mucosal surfaces are smooth and yellow-tan. The pulmonary parenchyma is dark red-purple and cut surfaces exude mild amounts of blood and frothy fluid. The pulmonary arteries are normally developed and patent. Specifically, no thromboemboli are seen.

HEPATOBIILIARY SYSTEM:

The liver weighs 1060 grams. The hepatic capsule is smooth and glistening, covering red-brown parenchyma. The gallbladder contains a moderate amount of dark green bile. The extrahepatic biliary tree is patent.

GASTROINTESTINAL SYSTEM:

The esophagus is lined by gray-white smooth mucosa. The gastric mucosa is arranged in the usual rugal folds and the lumen contains 100 ml of tan fluid with partially digested food fragments. The small and large bowel are unremarkable. The appendix is present. The colon contains progressively formed stool. The pancreas has a normal, tan, lobulated appearance.

GENITOURINARY SYSTEM:

The right and left kidneys weigh 100 and 150 grams, respectively. The renal capsules are smooth, thin, semitransparent, and strip with ease from the underlying smooth, tan, pale, firm, cortical surfaces. The cortices are of normal thickness and delineated from the medullary pyramids. The calyces, pelves, and ureters are not dilated and free of stones. The urinary bladder contains no urine; the mucosa is gray-tan and smooth. The ovaries appear atrophic. The uterus, cervix, fallopian tubes, and vagina are unremarkable.

HEMOLYMPHATIC SYSTEM:

The spleen weighs 40 grams and has a smooth intact capsule covering red-purple, soft parenchyma. The splenic white pulp is grossly indistinct.

ENDOCRINE SYSTEM:

The thyroid gland is of normal position, size, and texture. The adrenal glands are unremarkable, with a yellow cortex and gray medulla.

MUSCULOSKELETAL SYSTEM:

Other than the injuries described above, the bony framework, supporting musculature, and soft tissues are not unusual.

AUTOPSY TECHNICIANS: Mr. A. Tobey and Ms. C. Haasis.

MICROSCOPY: Cassette #1: Left ventricle, lung, liver, kidney.

TOXICOLOGY: Heart blood, vitreous humor, liver.

DNA SPECIMEN: Blood.

SPECIAL STUDIES: None.

EVIDENCE COLLECTED: Clothing, property, fingernail clippings, DNA, pulled head hair, fingerprints, palmprints.

X-RAYS: Total body radiographs are taken and show the injuries described above.

CAUSE OF DEATH: Multiple blunt force injuries. The manner of death is Accident.



MICROSCOPIC DESCRIPTION

HEART: The left ventricle shows no significant histopathologic abnormality.

LIVER: The liver shows moderate periportal lymphocytic infiltrates.

KIDNEY: The kidney shows no significant histopathologic abnormality.

LUNG: The lung shows marked widening of airspaces with numerous orphaned septae and marked alveolar hemorrhage.



NMS Labs

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e-mail: nms@nmslabs.com
Robert A. Middleberg, PhD, F-ABFT, DABCC-TC, Laboratory Director

Toxicology Report

Report Issued 12/27/2018 13:01

Patient Name WEYANNA, LILLIAN
Patient ID 18-03294
Chain 18356953
Age 52 Y
Gender Female
Workorder 18356953

To: 98795
Monroe County Medical Examiner's Office
Attn: Robert Zerby
740 E. Henrietta Rd
Rochester, NY 14623

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Jan 1/2/19

Positive Findings:

Table with 4 columns: Compound, Result, Units, Matrix Source. Lists various substances like Ethanol, Blood Alcohol Concentration, Caffeine, etc., with their respective results and units.

See Detailed Findings section for additional information

Testing Requested:

Table with 2 columns: Analysis Code, Description. Lists testing codes like 90025B, 0170FL, 8052TI and their corresponding descriptions.

Tests Not Performed:

Part or all of the requested testing was unable to be performed. Refer to the Analysis Summary and Reporting Limits section for details.

Specimens Received:

Table with 5 columns: ID, Tube/Container, Volume/Mass, Collection Date/Time, Matrix Source, Miscellaneous Information. Lists specimen details for IDs 001 through 004.



CONFIDENTIAL

Workorder 18356953
 Chain 18356953
 Patient ID 18-03294

Page 2 of 6

ID	Tube/Container	Volume/ Mass	Collection Date/Time	Matrix Source	Miscellaneous Information
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All sample volumes/weights are approximations.
 Specimens received on 12/11/2018.

Detailed Findings:

Analysis and Comments	Result	Units	Rpt. Limit	Specimen Source	Analysis By
Ethanol	220	mg/dL	10	001 - Heart Blood	Headspace GC
Blood Alcohol Concentration (BAC)	0.220	g/100 mL	0.010	001 - Heart Blood	Headspace GC
Caffeine	Positive	mcg/mL	0.40	001 - Heart Blood	LC/TOF-MS
Cotinine	Positive	ng/mL	400	001 - Heart Blood	LC/TOF-MS
11-Hydroxy Delta-9 THC	2.9	ng/mL	2.0	001 - Heart Blood	LC-MS/MS
Delta-9 Carboxy THC	52	ng/mL	10	001 - Heart Blood	LC-MS/MS
Delta-9 THC	7.9	ng/mL	1.0	001 - Heart Blood	LC-MS/MS
Ethanol	Confirmed	mg/dL	10	001 - Heart Blood	Headspace GC
Ethanol	260	mg/dL	10	002 - Vitreous Fluid	Headspace GC
Ethanol	SEE COMMENT	mg/100 g	40	004 - Liver Tissue	Headspace GC

The concentration of ethanol decreased from 580 mg/100 g to 68 mg/100 g over the course of multiple analyses. The nature of the specimen and/or the container type, which may not contain preservative, may explain the variable quantitative results.

Nicotine	Positive	ng/g	250	004 - Liver Tissue	GC/MS
Caffeine	Positive	mcg/g	0.40	004 - Liver Tissue	GC/MS
Cotinine	Positive	ng/g	50	004 - Liver Tissue	GC/MS
Delta-9 Carboxy THC	970	ng/g	20	004 - Liver Tissue	LC-MS/MS
Delta-9 THC	2.8	ng/g	2.0	004 - Liver Tissue	LC-MS/MS

Other than the above findings, examination of the specimen(s) submitted did not reveal any positive findings of toxicological significance by procedures outlined in the accompanying Analysis Summary.

Reference Comments:

- 11-Hydroxy Delta-9 THC (Active Metabolite) - Heart Blood:
 11-Hydroxy Delta-9 THC is an active intermediate metabolite of tetrahydrocannabinol (THC) the active component of marijuana. Usual peak levels: Less than 10% of THC levels after smoking.
- Caffeine (No-Doz) - Heart Blood:
 Caffeine is a xanthine-derived central nervous system stimulant. It also produces diuresis and cardiac and respiratory stimulation. It can be readily found in such items as coffee, tea, soft drinks and chocolate. As a reference, a typical cup of coffee or tea contains between 40 to 100 mg caffeine.

 The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory.
- Caffeine (No-Doz) - Liver Tissue:
 Caffeine is a xanthine-derived central nervous system stimulant. It also produces diuresis and cardiac and respiratory stimulation. It can be readily found in such items as coffee, tea, soft drinks and chocolate. The reported qualitative result for this substance is indicative of a finding commonly seen following typical use and is usually not toxicologically significant. If confirmation testing is required please contact the laboratory.



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Reference Comments:

4. Cotinine (Nicotine Metabolite) - Heart Blood:

Cotinine is a metabolite of nicotine and may be encountered in the fluids and tissues of an individual as a result of tobacco exposure.

Anabasine is a natural product occurring in tobacco, but not in pharmaceutical nicotine and a separate test for anabasine in urine can be used to distinguish tobacco from pharmaceutical nicotine use.

The reported qualitative result for this substance was based upon a single analysis only. If confirmation testing is required please contact the laboratory.

5. Cotinine (Nicotine Metabolite) - Liver Tissue:

Cotinine is a metabolite of nicotine and may be encountered in the fluids and tissues of an individual as a result of tobacco exposure. Anabasine is a natural product occurring in tobacco, but not in pharmaceutical nicotine and a separate test for anabasine in urine can be used to distinguish tobacco from pharmaceutical nicotine use. The reported qualitative result for this substance is indicative of a finding commonly seen following typical use and is usually not toxicologically significant. If confirmation testing is required please contact the laboratory.

6. Delta-9 Carboxy THC (Inactive Metabolite) - Heart Blood:

Delta-9-THC is the principle psychoactive ingredient of marijuana/hashish. Delta-9-carboxy-THC (THCC) is the inactive metabolite of THC. The usual peak concentrations in serum for 1.75% or 3.55% THC marijuana cigarettes are 10 - 101 ng/mL attained 32 to 240 minutes after beginning smoking, with a slow decline thereafter. The ratio of whole blood concentration to plasma concentration is unknown for this analyte. THCC may be detected for up to one day or more in blood. Both delta-9-THC and THCC may be present substantially longer in chronic users. THCC is usually not detectable after passive inhalation.

7. Delta-9 Carboxy THC (Inactive Metabolite) - Liver Tissue:

Delta-9-THC is the principle psychoactive ingredient of marijuana/hashish. Delta-9-carboxy-THC (THCC) is the inactive metabolite of THC.

8. Delta-9 THC (Active Ingredient of Marijuana) - Heart Blood:

Marijuana is a DEA Schedule I hallucinogen. Pharmacologically, it has depressant and reality distorting effects. Collectively, the chemical compounds that comprise marijuana are known as Cannabinoids.

Delta-9-THC is the principle psychoactive ingredient of marijuana/hashish. It rapidly leaves the blood, even during smoking, falling to below detectable levels within several hours. Delta-9-carboxy-THC (THCC) is the inactive metabolite of THC and may be detected for up to one day or more in blood. Both delta-9-THC and THCC may be present substantially longer in chronic users.

THC concentrations in blood are usually about one-half of serum/plasma concentrations. Usual peak levels in serum for 1.75% or 3.55% THC marijuana cigarettes: 50 - 270 ng/mL at 6 to 9 minutes after beginning smoking, decreasing to less than 5 ng/mL by 2 hrs.

9. Delta-9 THC (Active Ingredient of Marijuana) - Liver Tissue:

Delta-9-THC is the principle psychoactive ingredient of marijuana/hashish. Delta-9-carboxy-THC (THCC) is the inactive metabolite of THC.

10. Ethanol (Ethyl Alcohol) - Heart Blood:

Ethyl alcohol (ethanol, drinking alcohol) is a central nervous system depressant and can cause effects such as impaired judgment, reduced alertness and impaired muscular coordination. Ethanol can also be a product of decomposition or degradation of biological samples. The blood alcohol concentrations (BAC) can be expressed as a whole number with the units of mg/dL or as a decimal number with units of g/100 mL which is equivalent to % w/v. For example, a BAC of 85 mg/dL equals 0.085 g/100 mL or 0.085% w/v of ethanol.

11. Ethanol (Ethyl Alcohol) - Vitreous Fluid:

Ethyl alcohol (ethanol, drinking alcohol) is a central nervous system depressant and can cause effects such as impaired judgment, reduced alertness and impaired muscular coordination. Ethanol can also be a product of decomposition or degradation of biological samples.

12. Ethanol (Ethyl Alcohol) - Liver Tissue:

Ethyl alcohol (ethanol, drinking alcohol) is a central nervous system depressant and can cause effects such as impaired judgment, reduced alertness and impaired muscular coordination. Ethanol can also be a product of decomposition or degradation of biological samples.



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Reference Comments:

13. Nicotine - Liver Tissue:

Nicotine is a potent alkaloid found in tobacco leaves at about 2 - 8% by weight. It is also reportedly found in various fruits, vegetables and tubers, e.g., tomatoes and potatoes, but at a smaller per weight fraction. As a natural constituent of tobacco, nicotine is found in all commonly used smoking or chewing tobacco products. It is also in smoking cessation products, e.g., patches. Nicotine has been used as a pesticide, although not as widely since the advent of more effective agents. Toxic effects of nicotine overdose include nausea, vomiting, dizziness, sweating, miosis, EEG and ECG changes, tachycardia, hypertension, respiratory failure, seizures and death. Anabasine is a natural product occurring in tobacco, but not in pharmaceutical nicotine. A separate test for anabasine in urine can be used to distinguish tobacco from pharmaceutical nicotine use. The reported qualitative result for nicotine is indicative of a finding commonly seen following typical use and is usually not toxicologically significant. If confirmation testing is required please contact the laboratory.

Sample Comments:

- 003 Tissue specimen required homogenization: 18356953-003
004 NMS Labs generated homogenized Tissue sample: 18356953-004
004 Due to the nature of this specimen, some analytes may not be detected by GCMS Qualitative analysis.

Unless alternate arrangements are made by you, the remainder of the submitted specimens will be returned one (1) year from the date of this report; and generated data will be discarded five (5) years from the date the analyses were performed..

CERTIFICATION: Pursuant to New York Criminal Procedure Law Section 190.30(2), I certify that this copy is a true and accurate report that has not been altered, which testing was conducted at NMS Labs Inc. as recorded in this laboratory report, the work order number and report information are provided on page 1 of this report.

Workorder 18356953 was electronically signed on 12/27/2018 12:13 by:

[Handwritten signature]

William M. Schroeder, M.S.
Certifying Scientist

Analysis Summary and Reporting Limits:

All of the following tests were performed for this case. For each test, the compounds listed were included in the scope. The Reporting Limit listed for each compound represents the lowest concentration of the compound that will be reported as being positive. If the compound is listed as None Detected, it is not present above the Reporting Limit. Please refer to the Positive Findings section of the report for those compounds that were identified as being present.

Acode 0170FL - Alcohol Panel, Fluid - Vitreous Fluid

-Analysis by Headspace Gas Chromatography (GC) for:

Table with 4 columns: Compound, Rpt. Limit, Compound, Rpt. Limit. Rows include Acetone, Ethanol, Isopropanol, and Methanol.

Acode 50013TI - Cannabinoids Confirmation, Tissue - Liver Tissue

-Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS) for:

Table with 4 columns: Compound, Rpt. Limit, Compound, Rpt. Limit. Rows include 11-Hydroxy Delta-9 THC and Delta-9 Carboxy THC.

Not Reported: 11-Hydroxy Delta-9 THC: Test was canceled due to [Interfering Substance].

Acode 52198B - Cannabinoids Confirmation, Blood - Heart Blood



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Analysis Summary and Reporting Limits:

-Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS) for:

Table with 4 columns: Compound, Rpt. Limit, Compound, Rpt. Limit. Rows include 11-Hydroxy Delta-9 THC (2.0 ng/mL), Delta-9 THC (1.0 ng/mL), and Delta-9 Carboxy THC (10 ng/mL).

Acode 52250B - Alcohols and Acetone Confirmation, Blood - Heart Blood

-Analysis by Headspace Gas Chromatography (GC) for:

Table with 4 columns: Compound, Rpt. Limit, Compound, Rpt. Limit. Rows include Acetone (5.0 mg/dL), Isopropanol (5.0 mg/dL), Ethanol (10 mg/dL), and Methanol (5.0 mg/dL).

Acode 52250TI - Alcohols and Acetone Confirmation, Tissue - Liver Tissue

-Analysis by Headspace Gas Chromatography (GC) for:

Table with 4 columns: Compound, Rpt. Limit, Compound, Rpt. Limit. Rows include Acetone (20 mg/100 g), Isopropanol (20 mg/100 g), Ethanol (40 mg/100 g), and Methanol (20 mg/100 g).

Acode 8052TI - Postmortem, Expanded, Tissue (Forensic) - Liver Tissue

-Analysis by Colorimetry (C) for:

Table with 4 columns: Compound, Rpt. Limit, Compound, Rpt. Limit. Row includes Salicylates (800 mcg/g).

-Analysis by Enzyme-Linked Immunosorbent Assay (ELISA) for:

Table with 4 columns: Compound, Rpt. Limit, Compound, Rpt. Limit. Rows include Benzodiazepines (400 ng/g), Cocaine / Metabolites (80 ng/g), Buprenorphine / Metabolite (2.0 ng/g), Opiates (80 ng/g), and Cannabinoids (40 ng/g), Oxycodone / Oxymorphone (40 ng/g).

-Analysis by Gas Chromatography/Mass Spectrometry (GC/MS) for: The following is a general list of compound classes included in the Gas Chromatographic screen. The detection of any particular compound is concentration-dependent. Please note that not all known compounds included in each specified class or heading are included. Some specific compounds outside these classes are also included. For a detailed list of all compounds and reporting limits included in this screen, please contact NMS Labs.

Amphetamines, Analgesics (opioid and non-opioid), Anorectics, Antiarrhythmics, Anticholinergic Agents, Anticonvulsant Agents, Antidepressants, Antiemetic Agents, Antihistamines, Antiparkinsonian Agents, Antipsychotic Agents, Antitussive Agents, Antiviral Agents, Calcium Channel Blocking Agents, Cardiovascular Agents (non-digitalis), Local Anesthetics Agents, Muscle Relaxants and Stimulants (Amphetamine-like and others).

-Analysis by Gas Chromatography/Mass Spectrometry (GC/MS) for: Anesthetics, Anticoagulant Agents, Antifungal Agents, Antihypertensive Agents, Anxiolytics (Benzodiazepine and others), Hypnotics (Barbiturates, Non-Benzodiazepine Hypnotics, and others) and Non-Steroidal Anti-Inflammatory Agents (excluding Salicylate).

-Analysis by Headspace Gas Chromatography (GC) for:



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Analysis Summary and Reporting Limits:

<u>Compound</u>	<u>Rpt. Limit</u>	<u>Compound</u>	<u>Rpt. Limit</u>
Acetone	20 mg/100 g	Isopropanol	20 mg/100 g
Ethanol	40 mg/100 g	Methanol	20 mg/100 g

Acode 90025B - Postmortem, Expanded, Blood (Forensic) (CSA) - Heart Blood

-Analysis by Enzyme-Linked Immunosorbent Assay (ELISA) for:

<u>Compound</u>	<u>Rpt. Limit</u>	<u>Compound</u>	<u>Rpt. Limit</u>
Barbiturates	0.040 mcg/mL	Salicylates	120 mcg/mL
Cannabinoids	10 ng/mL		

-Analysis by Headspace Gas Chromatography (GC) for:

<u>Compound</u>	<u>Rpt. Limit</u>	<u>Compound</u>	<u>Rpt. Limit</u>
Acetone	5.0 mg/dL	Isopropanol	5.0 mg/dL
Ethanol	10 mg/dL	Methanol	5.0 mg/dL

-Analysis by High Performance Liquid Chromatography/Time of Flight-Mass Spectrometry (LC/TOF-MS) for: The following is a general list of compound classes included in this screen. The detection of any specific analyte is concentration-dependent. Note, not all known analytes in each specified compound class are included. Some specific analytes outside these classes are also included. For a detailed list of all analytes and reporting limits, please contact NMS Labs.

Amphetamines, Anticonvulsants, Antidepressants, Antihistamines, Antipsychotic Agents, Benzodiazepines, CNS Stimulants, Cocaine and Metabolites, Hallucinogens, Hypnotics, Hypoglycemics, Muscle Relaxants, Non-Steroidal Anti-Inflammatory Agents, Opiates and Opioids.

EXHIBIT 2



Monroe County Sheriff's Office Motor Vehicle Collision Investigation Supplemental Report

CR #18-216618
TraCS # FPZC419098ML
Date of collision: December 8, 2018
Location of collision: Ridge Road east of Trimmer Road, Town of Parma
Reporting Officer: Trevor Ott
Scene measured by: Schillaci and McCoy
Measuring instrument: Leica Total Station

I. SYNOPSIS

On December 8th, 2018 at approximately 2100 hours a 2013 Chevrolet Impala was traveling east on Ridge Road (State Route 104) in the Town of Parma which was in the County of Monroe. During the course of its travel the vehicle crossed over the intersection with Trimmer Road and struck a pedestrian who was in the road. The pedestrian was declared a deceased at the scene at 2109 hours by responding fire personnel.

The vehicle involved was registered to and operated by the Greece Police Department whose personnel initiated emergency response via radio to 911 dispatch after the collision. Sheriff's C-Zone deputies responded along with fire and EMS personnel. The driver of the vehicle was the only occupant and did not sustain injury.

Traffic on Ridge Road was closed in both directions; eastbound at Trimmer Road and westbound at Hilton Parma Corners Road. I arrived at the scene at 2230 hours and made contact with Deputy Luffman and Lt. Alberti. Deputy Luffman had already begun to photograph the scene and mark evidence. I was advised of the circumstances surrounding the collision. The nearest mile marker to the collision was 104 4303 1093. I mapped the scene using the Leica Total Station.

This report is meant to describe the reconstruction portion of the collision investigation. A simultaneous investigation was conducted by C-Zone Deputies and the Major Crimes Unit; the results of which are documented separately.

II. COLLISION SCENE DESCRIPTION

The incident occurred on Ridge Road in the Town of Parma immediately east of the intersection of Ridge Road and Trimmer Road nearest to Reference Marker 104 4303 1093. Ridge Road was a designated east-west, two lane and undivided highway. This was a posted 55 MPH zone. The paved material was asphalt and its condition was considered to be "travelled". Travelled asphalt is a condition type of the pavement between newly paved and traffic polished. The surface in this area maintained a residue that appeared to have been the result of a previous salting of Ridge Road. The entire roadway from the north edge of the paved portion to the south edge of the paved portion was in good condition. Ridge Road in this section was clearly marked with two solid white fog lines and a centerline which permitted passing for eastbound traffic and prohibited passing for westbound traffic. Beyond the paved edge to the south was a snow covered grassy area. The north side of the road was snow covered grassy areas broken by driveways. The area of the incident was straight and level.

At the time of the collision the roadway was dry and the weather was mostly cloudy. It was 28 degrees, 70% humidity and winds were west/southwest at 11 MPH. There was one working street lamp at the intersection on the northeast corner. The lamp was attached to the utility pole which served as a street lamp pole in addition to providing support to the overhead utility and/or data wires. There was a second street lamp that was out of service on the southwest side of the intersection that would have provided light to the immediate area west of the intersection in the

eastbound lane. The time of day that this collision occurred offered no natural light and the aforementioned street lamp offered little if any lighting at the area of impact.



Figure 1: Google Maps Birdseye View.

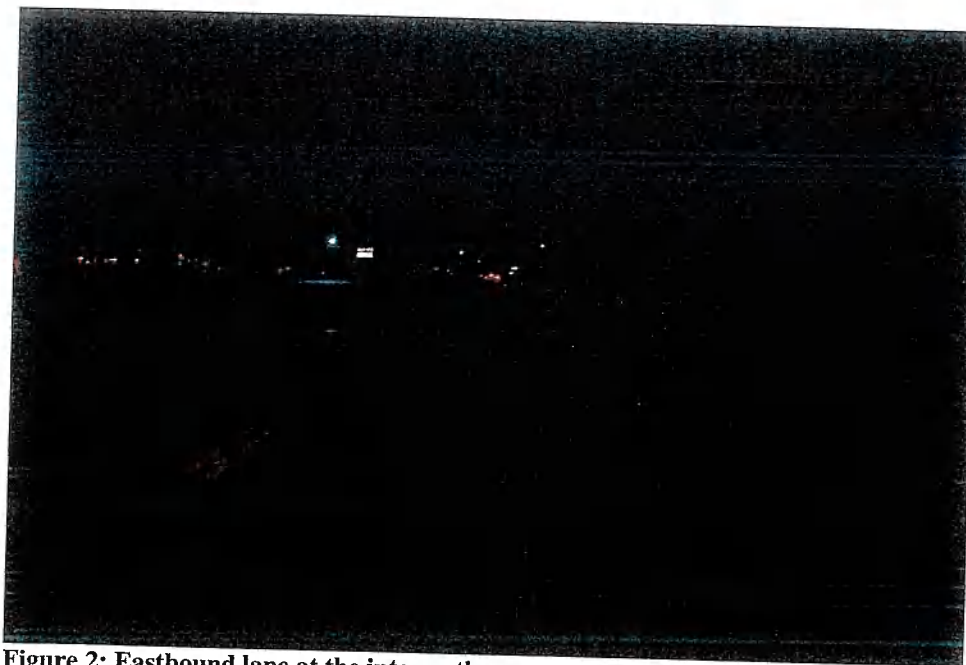


Figure 2: Eastbound lane at the intersection.

III. COLLISION SCENE EVIDENCE

Evidence at the scene originated in the area of impact and created a debris pattern in the eastern direction toward the deceased pedestrian and beyond. A widening spill pattern was the primary indication determining the area of impact. The debris pattern was scattered with pieces of blue glass indicating that the liquid causing the spill had originated from a glass bottle being transported by the deceased.



Figure 3: Area of Impact

Additional evidence which supported the area of impact was a paper bag that was stuck in the grill of Vehicle 1. The orange colored paper bag perished during the transportation of the vehicle, however there are photographs illustrating its existence. Additionally there was a faint tire mark in the eastbound lane just east of the spill that continues east for approximately 153 feet. The tire mark maintains a generally straight eastbound direction and fades until it can't be seen. The tire mark was two faint tire marks; the rear driver side tire mark over the top of the front driver side tire mark. Vehicle 1 was subsequently moved by the driver to the south road edge of Ridge Road just west of the deceased. The deceased was located approximately 130 feet east of the area of impact in the snow adjacent to the south shoulder of Ridge Road.

Personal effects completed the debris pattern and ground evidence. Items included footwear, broken eyeglasses, a broken hairclip, socks, a cell phone and a cell phone case. Refer to Property Custody Reports.

IV. VEHICLE EXAMINATION

Vehicle 1 was a 2013 Chevrolet Impala (VIN: 2G1WF5E35D1243718) which displayed New York registration GAP7931. It was registered to Greece Police and self-insured/Government owned (Code 994). Its New York State inspection certificate, numbered 1304496, was valid and its expiration date was April 30th of 2019. The inspection sticker as well as the registration sticker were clearly visible and properly affixed to the windshield.

Collision damage to Vehicle 1 came from one impact. Collision damage is described as contact damage and induced damage. Contact damage is the result of vehicle parts being directly contacted by another vehicle, another object, the ground or occupant(s). Contact damage was observed to the front end and the hood. The pedestrian

made contact with Vehicle 1 at the plastic bumper to the passenger side of the license plate. The plastic air intake grille was also broken into pieces. The pedestrian maintained contact with the vehicle which caused damage from the impact point of origin to where her head struck the hood. This trenched damage shape was consistent with the stature of the pedestrian.



Figure 4



Figure 5

Induced damage results from the collision forces collapsing, twisting or bending the vehicle or its parts; it is a non-contact form of damage. Induced damage is observed to the hood on both the passenger side and driver side edges. The damage was a rippling effect that is caused by the contact damage pushing downward near the hood's middle portion.



Figure 6



Figure 7

The results of forensic inspection revealed that the Chevrolet was in good working condition. Reference the Monroe County Sheriff Office Fleet Maintenance Division's vehicle inspection report related to this incident.

V. COLLISION PHASES

Pre-Impact

Prior to the collision the Chevrolet was traveling east on Ridge Road in the eastbound lane. There was no evidence of evasive maneuvers or markings prior to impact. During its travel eastbound Vehicle 1 entered the semi-lit intersection of Ridge Road and Trimmer Road. The street lamp illuminated the immediate area underneath it. The area east of the light on Ridge Road appeared dark and un-lit when looking through the illuminated area of the intersection. The pedestrian was attired in all black clothing. Referencing the photograph below, the area of impact is within the dark portion east of the intersection.



Figure 8: Ridge Road Facing East at the Trimmer Road Intersection

Impact

The front passenger side of the grille just to the passenger side of center made contact in the area of the pedestrian's knees. It is not clear if the pedestrian was walking down the center of the eastbound lane in a westbound direction or crossing from north to south at a shallow angle in a westbound direction. The impact caused both of the pedestrian's femurs to break at the point of contact allowing the pedestrian's body to maintain contact with the vehicle. The initial impact and damage to the legs allow for continuity of the body and the vehicle through the point of impact causing a slapping action of the upper torso and head on to the hood. This type of impact is called a wrap. The pedestrian maintains contact until achieving a portion of the vehicle's speed and then begins to separate from the vehicle. The relative positioning of the vehicle and the pedestrian at impact placed the pedestrian in the center portion of the eastbound lane. The positions of the pedestrian and Vehicle 1 in the roadway was also supported by the location of the post impact tire mark.

Post-Impact

Vehicle 1 began to brake after impact. As the Chevrolet slowed it left tire marks in the road from the driver side tires as a result of braking.

The pedestrian departed the collision in a southeast direction and traveled approximately 130 feet across two surfaces. The pedestrian came to rest in the snow south of Ridge Road. Based on the distance traversed over the pavement and that the majority of the personal effects found were also on the pavement it is probable that the pedestrian landed on the pavement and slid to a rest after contact with Vehicle 1. There were no distinct, visible markings that indicated where the pedestrian made contact with the ground after being struck.

VI. SPECIAL TOPICS

Driver History

Driver 1, Kevin J. Klump [REDACTED] held a valid class CM New York State License [REDACTED]. According to a New York State DMV data check there was no history of convictions, suspensions, revocations or accidents. Driver 1 was operating Vehicle 1 in an official capacity.

Pedestrian

The pedestrian was Lillian Weyanna (deceased) of [REDACTED] and is originally from Alaska. She was born [REDACTED] and was 52 years old at the time of this collision. She stood 4 feet and 11 inches tall and weighed approximately 98 pounds at the time of the collision. The pedestrian was wearing a black coat and black jeans.

Restraint Examination

Vehicle 1 had a driver's side seatbelt that was in good working order and was being used at the time of this collision. The seatbelt did not lock into place at the point of impact.

Injury Patterns/Autopsy

The cause of the pedestrian's death was multiple blunt force traumas. Reference the Monroe County Medical Examiner's full report for details.

Crash Data Retrieval

A crash data retrieval was conducted on 01/07/2019 at 0940 hours and zero events had been recorded. Reference the New York State Police generated Crash Data Retrieval Report (attached).

Mathematical Findings

Post impact speeds of the pedestrian were calculated using accepted methods in the field of traffic crash reconstruction. Using the distances at the scene, empirical data and formulas specific to pedestrian struck motor vehicle collisions, the impact speed of the Chevrolet could not have been below 59 mph.

VII. CONCLUSIONS

As a result of the investigation into this collision, conclusions were made based on the totality of the evidence present at the scene.

On December 8th, 2019 at approximately 2100 hours an un-marked Greece Police vehicle, displaying New York State license plates GAP7931, was traveling east on Ridge Road (State Route 104) in the town of Parma. The vehicle, a 2013 Chevrolet Impala, crossed over the illuminated intersection at Trimmer Road and entered into an un-lit area east of the intersection where it struck a pedestrian who was in the eastbound lane. The pedestrian was wearing all black clothing. Vehicle 1 was in good working order and the headlamps were working at the time of the collision. An area of impact was established based on a fluid spill from a bottle that was within a paper bag carried by the pedestrian. The spill pattern placed the pedestrian within the eastbound lane of travel. Post impact tire marks in the form of shadowing from Vehicle 1's driver side tires placed the vehicle within the eastbound lane. Mathematic calculations using collision scene measurements, accepted formulas for pedestrian struck type motor vehicle collisions and published data were used to develop a minimum impact speed.

The primary cause of this collision was the pedestrian inside the eastbound lane of travel. The dark area coupled with black clothing made it extremely difficult to see the pedestrian. In addition it is possible that some degree of

impairment from alcohol on the part of Lillian Weyanna is a contributing factor in this collision. Reference the Monroe County Office of the Medical Examiner's Toxicology Report for details.

Date Submitted	Submitted by/IBM	Reviewed by/IBM	Peer Review/IBM	Zone Origin
4/25/19	<i>[Signature]</i> 3597 CJ SCOTLAND	3132 <i>[Signature]</i> 4-26-19	SGT E. DAVES NYS P Troop E 14162	C-201E

SEARCH'S (CALCULATION) (TO CALCULATE THE POST IMPACT SPEED LOSS OF THE PROJECTION)

COPY

DISTANCE = 130
 $f = .66$ LANDINGS ON HARD
 $f = .79$ LANDINGS ON SOFT
 PROJECTION EFFICIENCY = .727

MAXIMUM SPEED EQUATION:

$S_{MAX} = \sqrt{30(25)}$ (LANDINGS ON SOFT)
 $S_{MAX} = \sqrt{30(130)(.79)}$
 $S_{MAX} = \sqrt{3081}$
 $S_{MAX} = \boxed{55.5 \text{ MPH}}$ POST IMPACT SPEED OF AIRSTRAN

$55 \text{ MPH} / .727 = \boxed{75.65 \text{ MPH}}$ PROJECTION EFFICIENCY
 → IMPACT SPEED OF VEHICLE 1 BASED ON ABOVE
 (*LANDINGS ON HARD*)

$S_{MAX} = \sqrt{30(25)}$
 $S_{MAX} = \sqrt{30(130)(.66)}$
 $S_{MAX} = \boxed{2574}$
 $S_{MAX} = \boxed{50.73 \text{ MPH}}$

$50 \text{ MPH} / .727 = \boxed{68.77 \text{ MPH}}$
 → IMPACT SPEED OF VEHICLE 2 BASED ON ABOVE

SEARCH ANGLE EQUATION
 (*LANDINGS ON SOFT*)

$S_{\theta} = \frac{\sqrt{30(d)(f)}}{\cos \theta + (f \sin \theta)}$

$S_{\theta} = \frac{\sqrt{30(130)(.79)}}{.93969 + (.79 \times .3420)}$

$S_{\theta} = \frac{\sqrt{3081}}{1.209}$

$S_{\theta} = \frac{55.5}{1.209}$

$S_{\theta} = \boxed{45.91 \text{ MPH}}$ POST IMPACT OF AIR

$45 \text{ MPH} / .727 = \boxed{61.89 \text{ MPH}}$
 IMPACT SPEED OF VEH. 1 ←

(CENTER OF MASS ABOVE 12" = 20°)

(*LANDINGS ON HARD*)

$S_{\theta} = \frac{\sqrt{30(d)(f)}}{\cos \theta + (f \sin \theta)}$

$S_{\theta} = \frac{\sqrt{30(130)(.66)}}{.93969 + (.66 \times .3420)}$

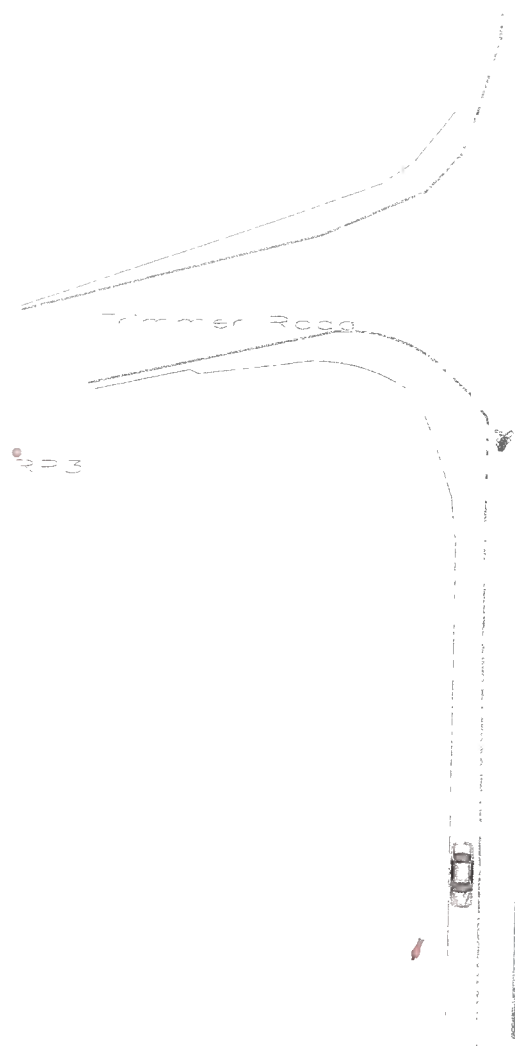
$S_{\theta} = \frac{\sqrt{2574}}{1.165}$

$S_{\theta} = \frac{50.73}{1.165}$

$S_{\theta} = \boxed{43.54 \text{ MPH}}$ POST IMPACT SPEED OF PED

$43.54 \text{ MPH} / .727 = \boxed{59.8 \text{ MPH}}$
 IMPACT SPEED OF VEH. 2 ←

COPY



RIDGE ROAD #336 WITH STREET LIGHT



RIDGE ROAD

R 1 2



R 1 2



Date of Occurrence:

December 8th, 2018

Name:

Ridge Road Pedestrian Struck Fatal MVC

Location:

Ridge Road / Trimmer Road

City or Area:

Town of Parma

Investigating Agency:

Monroe County Sheriff's Office

Reconstructionist:

C. J. Schillaci

Lead Investigator: A. Petrosky

A. Petrosky

Drawn By:

C. J. Schillaci

Date of Sketch:

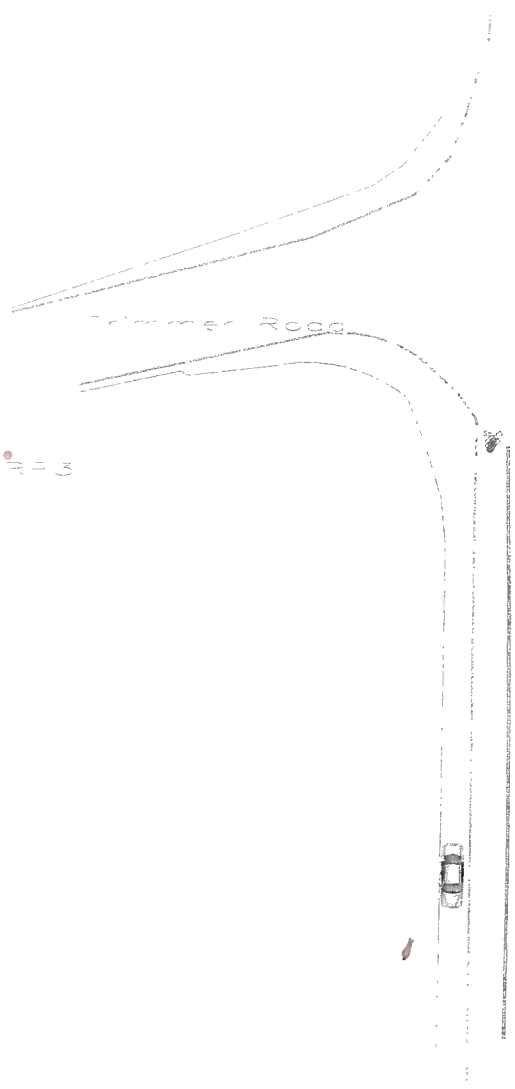
March 20th, 2019

File Number:

18-216618



COPY



◆ UGET Pole #336 With Street Lamp

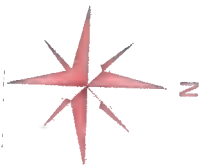
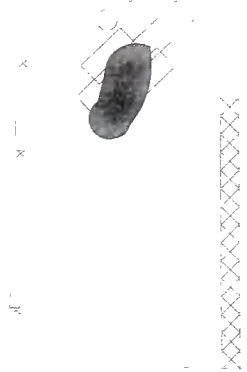


Ridge Road

● AP 2



● AP 1



Date of Occurrence:

December 8th, 2018

Name:

Ridge Road Pedestrian Struck Fatal MVC

Location:

Ridge Road / Trimmer Road

City or Area:

Town of Parma

Investigating Agency:

Monroe County Sheriff's Office

Reconstructionist:

C. J. Schillaci

Lead Investigator: A. Petrosky

A. Petrosky

Drawn By:

C. J. Schillaci

Date of Sketch:

March 20th, 2019

File Number:

18-216618



Time Call Received 2130 hrs	Time Of Arrival 2230 hrs	Location of Tech Work Ridge Road / Trimmer Road, Parma	C/T/V	CR # 18-216618
Victim/Firm Name Lilian Weyanna	Victim/Firm Address [REDACTED]	Sex F	Race W	DOB [REDACTED]
Reporting Deputy T. Ott	Investigators -	Offense/Incident MVC Pedestrian Struck Fatal (GREP # 18-073554)		
Photographs (35mm) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Envelope #	Frame #'s	Photographs (Digital) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Scene Videotaped <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Latent(s) Developed <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Elimination(s) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Diagram Prepared <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<i>TSU Use Only</i>				
Latent Evaluation <input type="checkbox"/> SV <input type="checkbox"/> NV		Palm Evaluation <input type="checkbox"/> SV <input type="checkbox"/> NV		Examiner
Physical Evidence Collected <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Weather Conditions Cloudy / Cold		SAFIS Entry <input type="checkbox"/> Yes <input type="checkbox"/> No
Suspect(s) Name #1 -		#2 -		

Narrative: R/Tech received a call from Deputy Luffman who explained that he was at the scene of a fatal motor vehicle collision involving an unmarked Greece Police Department vehicle and a deceased pedestrian. It was explained that my response was approved and that I should bring the Leica Total Station for scene mapping and potential reconstruction purposes. Reference Deputy Luffman and Deputy McCoy's technical services reports, added PCR's and photographs for further details. Once on scene Deputy McCoy and I met with Deputy Luffman who explained that the vehicle involved, a 2013 Chevrolet Impala with New York registration [REDACTED], had been traveling eastbound on Ridge Road. The vehicle continued through the intersection with Trimmer Road and struck a pedestrian who was walking in the eastbound lane just east of the intersection.

R/Tech conducted the following technical services. Accompanied by Deputy McCoy the Leica Total Station was set up for mapping the scene. It was set up on the center line of Ridge Road east of where the collision took place. Reference points #1 and #2 were RGE utility poles 334 and 335 respectively. Reference point #3 was the first utility on the southeast quadrant of the intersection and on the east side of Trimmer Road.

Data was collected from the scene to include Ridge Road east of the Trimmer Road intersection, Trimmer Road south of Ridge Road, the deceased who was located off of the road to the south of Ridge Road, The aforementioned vehicle which was moved from its final point of rest and all other pertinent evidence identified at the scene.

The vehicle was transported by Heinrich Towing Service and secured in the Sheriff's outside impound lot at 145 Paul Road.

Total Station data was copied onto a Verbatim 4 GB drive and secured in the PMO. See PCR for details.

On 12/10/18 at 0900 hours I reported to the Monroe County Medical Examiner's Office to document the autopsy conducted on the deceased (MCOME # 03294). R/Tech took photographs of the external examination, pertinent X-rays and the internal examination. Review photographs for details. It was determined that the cause of death was multiple blunt force traumas.

A supplemental report will be prepared for this collision *(Signature)*

Date of Call 12/8/18	Technician Name/IBM C J Schillaci /3599 <i>(Signature)</i>	Day of Week Saturday	Reviewed by <i>(Signature)</i>	Date Reviewed 12-17-18
Copies <input type="checkbox"/> Zone A <input type="checkbox"/> Zone B <input checked="" type="checkbox"/> Zone C <input checked="" type="checkbox"/> Major Crime Unit <input type="checkbox"/> Other		3132		



MONROE COUNTY SHERIFF'S OFFICE

PROPERTY CUSTODY REPORT

PAGE 1 OF 1 PAGES

LOT #
CR # 18-216618

1 PLACE WHERE PROPERTY FIRST CAME INTO OFFICIAL CUSTODY

RIDGE ROAD / TREMNER ROAD PARMA, NY

2 FOUND BY CLAIM YES NO

FULL NAME: Denny / Tremner C. J. Schell ADDRESS: 753-4812

3 CONFISCATED FROM VOLUNTARILY SURRENDERED BY

4 EVIDENCE (MOST SERIOUS OFFENSE)
 CLASS A FELONY OTHER FELONY INVESTIGATED SACKKEEPING DESTRUCTION OWNER OTHER
 MISDEMEANOR VIOLATION

4A OWNER NAME: MILSO ADDRESS HOUSE NO. STREET CITY: [REDACTED]

4B VICTIM NAME: LILIAN VIEYANNA ADDRESS HOUSE NO. STREET CITY: Tremner Road Parma PHONE: [REDACTED]

5 ARREST MADE GIVE FULL NAME AND JOB OF DEFENDANT(S) OFFENSE: [REDACTED]

7 DATE AND TIME PROPERTY CAME INTO OFFICIAL CUSTODY OFFICER'S SIGNATURE: [Signature] UNIT: MILSO/100

8 DATE AND TIME RECEIVED BY PROPERTY CLERK'S OFFICE PROPERTY CLERK'S SIGNATURE: [Signature] UNIT: 541E 3599

4 ADDITIONAL INFORMATION: DEFENSE -> INV. JEFF BONNARD

NOTE: SEXUAL ASSAULT CASES DATE AND TIME OF OCCURRENCE DATE AT HOURS

ITEM #	QUANTITY	DESCRIPTION	INCLUDE WHERE APPLICABLE THE MAKE, TYPE, MODEL, SERIAL, SIZE, COLOR AND ANY OTHER DETAILS NEEDED TO MAKE THE ITEM READILY IDENTIFIABLE	ESTIMATED VALUE	WHERE STORED
1	1	VERBATIM "SIDE AND GO" 4GB DRIVE W/ TOTAL STATED DATA			

SPACES BELOW ARE FOR USE ONLY WHEN PROPERTY IS RELEASED OR RETURNED TO CUSTODY AFTER RELEASE

ITEM NO.	OFFICER RECEIVING PROPERTY	PURPOSE	DATE AND TIME RELEASED	DATE AND TIME RETURNED

HEREBY ACKNOWLEDGE RECEIPT OF THE PROPERTY INDICATED BELOW ON THE LINE BEARING MY SIGNATURE

MNO(S), SIGNATURE DATE TIME

MNO(S), SIGNATURE DATE TIME

MNO(S), SIGNATURE DATE TIME

Supervisor's Signature _____ Date _____

NEW YORK STATE POLICE CRU - TROOP E
 1569 ROCHESTER ROAD
 CANANDAIGUA NY 14425-0220

3/19/2019

2013 CHEVROLET IMPALA 3.6L MSP POLICE PKG 4 DOOR SEDAN

Curb weight:		3754 lbs.		1703 kg.
Curb Weight Distribution -	Front:	62 %	Rear:	38 %
Gross Vehicle Weight Rating:		4678 lbs.		2122 kg.
Number of Tires on Vehicle:		4		
Drive Wheels:		FRONT		

Horizontal Dimensions

	Inches	Feet	Meters
Total Length	200	16.67	5.08
Wheelbase:	111	9.25	2.82
Front Bumper to Front Axle:	42	3.50	1.07
Front Bumper to Front of Front Well:	26	2.17	0.66
Front Bumper to Front of Hood:	7	0.58	0.18
Front Bumper to Base of windshield:	50	4.17	1.27
Front Bumper to Top of Windshield:	83	6.92	2.11
Rear Bumper to Rear Axle:	47	3.92	1.19
Rear Bumper to Rear of Rear well:	33	2.75	0.84
Rear Bumper to Rear of Trunk:	9	0.75	0.23
Rear Bumper to Base of Rear Window:	26	2.17	0.66

Width Dimensions

Maximum Width:	73	6.08	1.85
Front Track:	62	5.17	1.57
Rear Track:	62	5.17	1.57

Vertical Dimensions

Height:	59	4.92	1.50
Ground to -			
Front Bumper (Top)	23	1.92	0.58
Headlight - center	28	2.33	0.71
Hood - top front:	30	2.50	0.76
Base of windshield	38	3.17	0.97
Rear Bumper - top:	28	2.33	0.71
Trunk - top rear:	44	3.67	1.12
Base of Rear Window:	45	3.75	1.14

2013 CHEVROLET IMPALA 3.6L MSP POLICE PKG 4 DOOR SEDAN

Other Information

Tip-Over Stability Ratio =
NHTSA Star Rating (calculated)

1.34

Stable

Center of Gravity (No Load):

Inches behind front axle	=	42.18
Inches in front of rear axle	=	68.82
Inches from side of vehicle	=	36.50
Inches from ground	=	23.16
Inches from front corner	=	91.75
Inches from rear corner	=	121.44
Inches from front bumper	=	84.18
Inches from rear bumper	=	115.82

Moments of Inertia Approximations (No Load):

Yaw Moment of Inertia	=	2660.62	lb*ft*sec ²
Pitch Moment of Inertia	=	2567.46	lb*ft*sec ²
Roll Moment of Inertia	=	525.72	lb*ft*sec ²

Front Profile Information

Angle Front Bumper to Hood Front	=	45.0	deg
Angle Front of Hood to windshield Base	=	10.5	deg
Angle Front of Hood to windshield Top	=	19.6	deg
Angle of windshield	=	29.9	deg
Angle of Steering Tires at Max Turn	=	27.9	deg

First Approximation Crush Factors:

Speed Equivalent (mph) of Kinetic Energy (KE) used in causing crush of indentation may be evaluated using the following formula, the appropriated Crush Factor (CF), and Maximum Indentation Depth (MID), in feet:

$$V(\text{mph}) = \sqrt{(30 * CF * MID)}$$

KE Equivalent Speed (Front/Rear/Side)	=	21	CF
Bullet vehicle IMPACT SPEED estimation based on TARGET VEHICLE damage ONLY (Tested for Rear/Side Impact only)	=	27	CF

These CF values are based upon analysis of NHTSA Barrier Crash data, and from over 1000 vehicle accidents where independent evaluation of speed was possible. (These are NOT 'A', 'B', 'C', or 'G' values)

The rear Impact data with more then 2-3 inches of crush damage should be looked at carefully, since some vehicles have very weak trunk & fender strength. Therefore, on some cars, especially GM, you estimate from the rear crush data may be high by as much as 4-5 mph (on a crush of 18 inches).

-----DMV DRIVERS LICENSE DATA-----

Personal

Name: KLUMP, KEVIN J [REDACTED] Sex: M
Eye Color: BROWN Height: 6'00"
Mailing Address: [REDACTED]
Motorist ID: [REDACTED]
Class: NONCDL CM Status: VALID
Expiration: 2025-05-30
CDL Endorsement: TOW TRUCK
Restriction: CORRECTIVE LENSES

Permit

Status: Class: Expiry:

Suspensions/Revocations: total (scoffs on dates)

-----DMV REGISTRATION DATA-----

Plate: GAP7931 Type: PAS
Status: RENEWAL DENIED Expiration: 2019-04-30
Style: GOLD Logo: GOLD Legend: PASSENGER
Inspection ID: 1304496 Expiration: 2019-04-30
Vehicle: 2013;CHEVROLET;IMPALA;4D;BLACK

Insurance Co: 994-GOVERNMENT OWNED Policy #:
Organization: TOWN;OF;GREECE;POLICE;DEPT
Address: 400 ISLND COTTAGE RD
ROCHESTER, NY 14612

Registration History
Type: REGISTRATION RENEWAL PROCESSED WITH INVITATION NUMBER
Valid Date: 2019-04-30 Exp. Date: 2019-04-30
Vehicle: 2013;CHEVROLET;FOUR-DOOR SEDAN;BLACK

Registration History

Time: 03:00, Tuesday, March 12, 2019

Type: REGISTRATION RENEWAL PROCESSED WITH INVITATION NUMBER
Valid Date: 2017-04-30 Exp. Date: 2017-04-30

Vehicle: 2013;CHEVROLET;FOUR-DOOR SEDAN;BLACK

Registration History

Type: REGISTRATION ORIGINAL
Valid Date: 2015-04-30 Exp. Date: 2015-04-30

Vehicle: 2013;CHEVROLET;FOUR-DOOR SEDAN;BLACK

IMPORTANT NOTICE: Robert Bosch LLC and the manufacturers whose vehicles are accessible using the CDR System urge end users to use the latest production release of the Crash Data Retrieval system software when viewing, printing or exporting any retrieved data from within the CDR program. Using the latest version of the CDR software is the best way to ensure that retrieved data has been translated using the most current information provided by the manufacturers of the vehicles supported by this product.

CDR File Information

User	E Davis
Case Number	18-216618
EDR Data Imaging Date	01/07/2019
Crash Date	12/08/2018
Filename	2G1WF5E35D1243718_ACM.CDRX
Saved on	Monday, January 7 2019 at 09:40:32
Imaged with CDR version	Crash Data Retrieval Tool 17.9.1
Imaged with Software Licensed to (Company Name)	New York State Police
Reported with CDR version	Crash Data Retrieval Tool 17.9.1
Reported with Software Licensed to (Company Name)	New York State Police
EDR Device Type	Airbag Control Module
Event(s) recovered	NONE

Comments

Inspection location: MCSO Impound
 Imaging conducted pursuant to search warrant? No
 Imaging conducted pursuant to owner consent? Yes
 Ignition key available and its position at the start of the inspection: No
 This session completed by DLC or D2M access (subject to change by conditions)? DLC
 "Backpowering" required? No
 Additional power-up used: No
 Recommended tire size (sticker): 225/60/16
 Tire size(s): 225/60/16
 Visible restraint deployment(s): No
 Engine reprogramming stickers observed? None
 Scan tools used/results: No
 Individuals present: Inv. E. Davis
 Other notes: 2013 Chevrolet Impala

Disclaimer

I have imaged this vehicle's Airbag Control Module (ACM), Powertrain Control Module (PCM), and/or RollOver Sensor (ROS) to obtain data that may be related to a crash or other event. The successful retrieval of the data and production of this report is an indication that the procedures necessary to properly collect this data have been followed and the data was properly imaged/downloaded.

This report has been saved for printing in "PDF" format using the latest version of the CDR software available to me at this time and I have also provided the investigating agency the raw data file of the underlying CDR System file for discovery and/or later re-printing as necessary. This file will be named with the vehicles Vehicle Identification Number (VIN) and a *.cdrx file extension. This file should only be opened and viewed with the latest version of the Bosch Crash Data Retrieval System Software, use of a "text viewer" may corrupt the CDR file which would prevent it from being opened again in the CDR Tool software and generating a CDR report.

The CDRx file might be compared to a negative and it is the direct image of the data stored on the module accessed using the CDR Tool. The CDRx file should be preserved in its native format and should be shared in that format where it may be viewed using the "reader" version of the CDR Tool software which is available free on line. I have made a copy of the reader version of the CDR Tool software available to the recipients of the CDR and PDF files generated during this imaging session. Prior to any legal proceeding, the *.cdrx file should be reopened in the latest available version of the CDR software to ensure the most recent, complete translation of the data is used.

I have indicated to the individual(s) receiving the above mentioned files that the report includes a Data Limitations section and that portion of the report may indicate conditions or characteristics of the data that may be, on the surface, confusing or require a more complete analysis by other means. I have also informed the individual(s) that the data may be affected by conditions or vehicle characteristics described in the Data Limitations section of the report or in other related reference material including, but not limited to, the CDR Tool software Help File. For these reasons and others, a situationally complete analysis of the crash or event under study should be undertaken to fully evaluate the meaning, usefulness and applicability of the recovered data.

- The reported range of the longitudinal and lateral acceleration values is approximately 50 g.
- All data should be examined in conjunction with other available physical evidence from the vehicle and scene.

Data Source:

All SDM recorded data is measured, calculated, and stored internally, except for the following:

- Vehicle Status Data (Pre-Crash) is transmitted by the Body Control Module, via the vehicle's communication network.
- The Belt Switch Circuit is wired directly to the SDM.

Data Element Sign Convention:

The following table provides an explanation of the sign notation for data elements that may be included in this CDR report. Directional references to sign notation are all from the perspective of the driver when seated in the vehicle facing the direction of forward vehicle travel.

Data Element Name	Positive Sign Notation Indicates
Longitudinal Acceleration	Forward
Longitudinal Velocity Change	Forward
Lateral Acceleration	Left to Right
Lateral Velocity Change	Left to Right
Vertical Acceleration	Downward
Roll Rate	Clockwise Rotation

Hexadecimal Data:

Data that the vehicle manufacturer has specified for data retrieval is shown in the hexadecimal data section of the CDR report. The hexadecimal data section of the CDR report may contain data that is not translated by the CDR program. The control module contains additional data that is not retrievable by the CDR tool.

01053_SDM11e-autoliv_r012

Hexadecimal Data

DPID \$11
FF F0 00 F0 C0 78 00

DPID \$15
01 02 03 04 05 06 07

DPID \$16
08 09 0A 0D 0E 00 00

DPID \$17
00 00 00 00 00 00 00

DPID \$32
FF FD 16 05 00 00 00

DPID \$35
78 00 00 00 00 00 00

DID \$01
41 55 36 33 36 37 45 30 30 42 31 46 32 37 35 39

DID \$03
41 54 36 33 36 37 45 30 30 42 31 46 32 32 33 46

DID \$05
41 48 30 33 33 31 45 30 30 42 39 36 43 44 33 43

DID \$07
41 4A 30 33 33 31 45 30 30 42 39 35 30 30 39 39

DID \$09
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Disclaimer of Liability

The users of the CDR product and reviewers of the CDR reports and exported data shall ensure that data and information supplied is applicable to the vehicle, vehicle's system(s) and the vehicle ECU. Robert Bosch LLC and all its directors, officers, employees and members shall not be liable for damages arising out of or related to incorrect, incomplete or misinterpreted software and/or data. Robert Bosch LLC expressly excludes all liability for incidental, consequential, special or punitive damages arising from or related to the CDR data, CDR software or use thereof.



Monroe County Sheriff's Office
Rochester NY

Summary

UFED Physical Analyzer version	7.12.0.128
Report creation time	12/26/2018 11:45:38 AM -05:00
Time zone settings (UTC)	(UTC-05:00) New_York (America)
Examiner name	C. Harrington
Notes	Det. Kevin Klump's phone

Source Extraction

File System	
Extraction start date/time	12/26/2018 11:25:55 AM(UTC-5)
Extraction end date/time	12/26/2018 11:31:52 AM(UTC-5)
Unit identifier	1266017739
UFED version	7.12.0.14
Internal version	4.7.7.14
Selected manufacturer	HTC
Selected device name	HTC6545LVW 10
Machine name	LYTESPEEDPC
Connection type	Cable No. 170
Extraction type	File System [Android Backup]
Extraction ID	B65BBB69-8BBF-4829-8954-227D0650E574
Logical	
Extraction start date/time	12/26/2018 10:54:09 AM -05:00
Extraction end date/time	12/26/2018 11:07:42 AM -05:00
Unit identifier	1266017739
UFED version	7.12.0.14
Internal version	4.7.7.14
Selected manufacturer	HTC
Selected device name	HTC6545LVW 10
Username	5857497869
Machine name	LYTESPEEDPC
Connection type	Cable No. 170
Extraction type	Logical [Android Backup]
Extraction ID	D9A035DF-9EE6-4056-8BB8-DF8CDF33A6DD
Report type	Phone

Device Information

Name	Value
File System	
Android ID	857a1e457a5ccdb3
Time Zone	(UTC-05:00) New_York (America)
Logical	
Detected manufacturer	htc
Detected model	HTC6545LVW
Phone revision	8.0.0 OPR1.170623.027 1016573.13
ESN	990007190691300
ICCID	8914800002685327758
MSISDN	5857497869
MSISDN Type	MDN
IMSI	311480269147269
Phone date/time	12/26/2018 10:54:21 AM -05:00
Client Used for Extraction	Yes
Time Zone	(UTC-05:00) New_York (America)

Image Hash Details (1)

Hash data is available for this project.

#	Name	Info
1	Backup	Path Size (bytes) SHA256
		HTC_HTC6545LWW 10.zip 2968294084 5E835F8002F7F6CD9F06363E8912E977BC1355744231AAADC7AF1E0BD340A87C

Plugins

#	Name	Author	Version
1	Pre Project		
2	Garbage Cleaner		
3	ContactsCrossReference Cross references the phone numbers in a device's contacts with the numbers in SMS messages and Calls. Will fill in the Name field of calls and SMS if there's a match.	Celebrite	2.0
4	Project Processor Finisher		
5	Post Project		

Contents



Extraction Report

HTC HTC6545LVW 10

Timeline (14)

#	Type	Direction	Attachments	Locations	Timestamp	Party	Description	Deleted
1	SMS Messages	Outgoing			12/8/2018 1:05:51 PM(UTC-5)			
2	SMS Messages	Incoming			12/8/2018 1:06:07 PM(UTC-5)			
3	SMS Messages	Outgoing			12/8/2018 1:06:58 PM(UTC-5)			
4	SMS Messages	Outgoing			12/8/2018 1:08:46 PM(UTC-5)			
5	SMS Messages	Incoming			12/8/2018 1:40:32 PM(UTC-5)			
6	SMS Messages	Outgoing			12/8/2018 1:56:01 PM(UTC-5)			
7	SMS Messages	Incoming			12/8/2018 1:58:57 PM(UTC-5)			
8	SMS Messages	Incoming			12/8/2018 2:15:52 PM(UTC-5)			
9	Call Log	Incoming			12/8/2018 9:11:33 PM(UTC-5)			
10	Call Log	Outgoing			12/8/2018 9:13:23 PM(UTC-5)			
11	MMS Messages	Incoming			12/8/2018 9:59:02 PM(UTC-5)			
12	SMS Messages	Incoming			12/8/2018 11:11:50 PM(UTC-5)			
13	Call Log	Outgoing			12/8/2018 11:21:59 PM(UTC-5)			
14	Call Log	Outgoing			12/8/2018 11:26:22 PM(UTC-5)			

Point	X	Y	Z	Description	Locked	Audio	Photo	History
✓ 1	0.000	0.000	0.000	RP	<input type="checkbox"/>			
✓ 99	0.000	10.028	-0.107	BS	<input type="checkbox"/>			
✓ 100	31.883	4.954	-1.966	RP1	<input type="checkbox"/>			
✓ 101	32.729	128.871	-2.038	RP2	<input type="checkbox"/>			
✓ 102	-130.368	217.434	-3.058	RP3	<input type="checkbox"/>			
✓ 103	-2.194	250.858	-0.832	CTR E	<input type="checkbox"/>			
✓ 104	-0.223	119.908	-0.538	CTR E	<input type="checkbox"/>			
✓ 105	0.012	8.388	-0.102	CTR E	<input type="checkbox"/>			
✓ 106	-12.319	5.481	-0.365	FOG SE	<input type="checkbox"/>			
✓ 107	-12.384	64.768	-0.671	FOG SE	<input type="checkbox"/>			
✓ 108	-13.850	207.812	-1.200	FOG SE	<input type="checkbox"/>			
✓ 109	-22.286	208.557	-1.748	EDG SE	<input type="checkbox"/>			
✓ 110	-21.103	197.436	-1.669	EDG SE	<input type="checkbox"/>			
✓ 111	-20.887	180.442	-1.585	EDG SE	<input type="checkbox"/>			
✓ 112	-20.332	99.230	-1.299	EDG SE	<input type="checkbox"/>			
✓ 113	-20.240	0.270	-0.962	EDG SE	<input type="checkbox"/>			
✓ 114	11.897	-0.104	-0.373	FOG NE	<input type="checkbox"/>			
✓ 115	-29.016	94.365	-1.963	HEAD	<input type="checkbox"/>			
✓ 116	-28.081	97.327	-1.969	GROIN	<input type="checkbox"/>			
✓ 117	-27.089	99.107	-1.837	FEET	<input type="checkbox"/>			
✓ 118	-14.342	111.217	-0.921	LF	<input type="checkbox"/>			
✓ 119	-14.538	120.388	-0.982	LR	<input type="checkbox"/>			
✓ 120	-17.738	124.348	-1.183	R CTR	<input type="checkbox"/>			
✓ 121	-17.402	107.485	-1.078	F CTR	<input type="checkbox"/>			
✓ 122	-3.586	74.467	-0.493	TM1	<input type="checkbox"/>			
✓ 123	-3.591	118.012	-0.641	TM1	<input type="checkbox"/>			
✓ 124	-4.136	154.622	-0.761	TM1	<input type="checkbox"/>			
✓ 125	-4.749	183.429	-0.874	TM1	<input type="checkbox"/>			
✓ 126	-6.015	221.972	-0.981	TM1	<input type="checkbox"/>			
✓ 127	-9.606	223.911	-1.080	TM1 <i>SP1</i>	<input type="checkbox"/>			
✓ 128	-9.615	223.916	-1.048	SP1	<input type="checkbox"/>			
✓ 129	-10.602	223.124	-1.085	SP1	<input type="checkbox"/>			
✓ 130	-10.854	221.718	-1.100	SP1	<input type="checkbox"/>			
✓ 131	-10.991	220.542	-1.095	SP1	<input type="checkbox"/>			
✓ 132	-9.677	220.834	-1.046	SP1	<input type="checkbox"/>			
✓ 133	-9.004	222.609	-1.028	SP1	<input type="checkbox"/>			
✓ 134	-9.019	223.798	-1.028	SP1	<input type="checkbox"/>			
✓ 135	-6.209	198.727	-0.892	SHOE	<input type="checkbox"/>			
✓ 136	-21.288	184.036	-1.706	SHOE <i>EG</i>	<input type="checkbox"/>			
✓ 137	-21.037	183.650	-1.698	EG1	<input type="checkbox"/>			
✓ 138	-15.490	176.316	-1.245	LBL	<input type="checkbox"/>			
✓ 139	-10.599	172.686	-1.025	EG2	<input type="checkbox"/>			
✓ 140	-9.716	172.919	-0.990	EG2	<input type="checkbox"/>			
✓ 141	-10.444	172.405	-1.015	EG2	<input type="checkbox"/>			
✓ 142	-9.037	171.813	-0.950	EG2	<input type="checkbox"/>			
✓ 143	-7.884	172.096	-0.913	EG2	<input type="checkbox"/>			
✓ 144	-5.697	172.383	-0.845	HC	<input type="checkbox"/>			
✓ 145	0.379	173.759	-0.702	SOCK1	<input type="checkbox"/>			
✓ 146	6.249	71.968	-1.369	SHOE2	<input type="checkbox"/>			
✓ 147	-20.087	133.777	-1.343	GW1	<input type="checkbox"/>			
✓ 148	-3.866	106.850	-0.598	GW1	<input type="checkbox"/>			

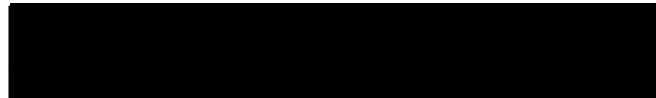
Point	X	Y	Z	Description	Locked	Audio	Photo	History
✓ 149	-3.856	106.845	-0.598	GRL1 ?	<input type="checkbox"/>			
✓ 150	-16.684	103.158	-0.989	PC	<input type="checkbox"/>			
✓ 151	-18.955	85.083	-1.168	PHONE	<input type="checkbox"/>			
✓ 152	-7.738	186.192	-0.969	SOCK2	<input type="checkbox"/>			
✓ 153	-4.020	72.429	-0.470	B1	<input type="checkbox"/>			
✓ 154	-3.977	72.619	-0.483	B1	<input type="checkbox"/>			
✓ 155	-3.491	32.617	-0.310	B2	<input type="checkbox"/>			
✓ 156	11.554	112.166	-0.815	FOG NE	<input type="checkbox"/>			
✓ 157	10.345	224.734	-1.111	FOG NE	<input type="checkbox"/>			
✓ 158	20.486	213.316	-1.752	73	<input type="checkbox"/>			
✓ 159	21.102	202.308	-1.777	72	<input type="checkbox"/>			
✓ 160	-25.005	240.024	-1.762	TR FG SE	<input type="checkbox"/>			
✓ 161	-27.123	242.000	-1.764	TR FG SE	<input type="checkbox"/>			
✓ 162	-30.067	244.069	-1.747	TR FG SE	<input type="checkbox"/>			
✓ 163	-33.396	245.857	-1.692	TR FG SE	<input type="checkbox"/>			
✓ 164	-38.062	247.590	-1.665	TR FG SE	<input type="checkbox"/>			
✓ 165	-41.289	248.437	-1.617	TR FG SE	<input type="checkbox"/>			
✓ 166	-45.376	249.003	-1.507	TR FG SE	<input type="checkbox"/>			
✓ 167	-51.794	249.036	-1.445	TR FG SE	<input type="checkbox"/>			
✓ 168	-112.930	234.831	-2.037	TR FG SE	<input type="checkbox"/>			
✓ 169	-112.841	232.056	-2.178	TR EDG SE	<input type="checkbox"/>			
✓ 170	-87.698	238.698	-1.920	TR EDG SE	<input type="checkbox"/>			
✓ 171	-85.828	237.686	-1.953	TR EDG SE	<input type="checkbox"/>			
✓ 172	-64.675	240.473	-1.816	TR EDG SE	<input type="checkbox"/>			
✓ 173	-53.161	241.460	-1.802	TR EDG SE	<input type="checkbox"/>			
✓ 174	-31.394	233.206	-2.159	TR EDG SE	<input type="checkbox"/>			
✓ 175	-33.963	291.150	-1.988	TR EDG SW	<input type="checkbox"/>			
✓ 176	-41.879	285.526	-1.931	TR EDG SW	<input type="checkbox"/>			
✓ 177	-73.759	273.457	-2.062	TR EDG SW	<input type="checkbox"/>			
✓ 178	-84.143	265.779	-1.888	TR EDG SW	<input type="checkbox"/>			
✓ 179	-130.024	253.503	-2.117	TR EDG SW	<input type="checkbox"/>			
✓ 180	-129.908	252.590	-2.055	TR FG SW	<input type="checkbox"/>			
✓ 181	-56.066	272.609	-1.672	TR FG SW	<input type="checkbox"/>			
✓ 182	-31.054	283.989	-1.682	TR FG SW	<input type="checkbox"/>			
✓ 183	-22.335	293.233	-1.589	TR FG SW	<input type="checkbox"/>			
✓ 184	-18.770	303.765	-1.353	TR FG SW	<input type="checkbox"/>			
✓ 185	0.004	9.985	-0.137	BS	<input type="checkbox"/>			

**MONROE COUNTY SHERIFF'S OFFICE
FLEET MAINTENANCE DIVISION
130 SOUTH PLYMOUTH AVENUE
ROCHESTER, NY 14614
585-753-7581**

VEHICLE INSPECTION

Date of Incident: 12/08/2018
CR # 18-216618
Requested By: Deputy Christopher Schillaci
Date Requested: 01/11/2019
Approved By: Commander Jason McNair
Inspection By: Ken VanDuzer Jr. on 1/16/2019
Inspection performed at: Monroe County Sheriff Fleet Building 10
145 Paul Road, Rochester, New York ,14624

Time Started: 09:35 am
Time Completed: 10:35 am
Vehicle Year: 2013
Make: Chevy
Model: Impala
Color: Black



Expires: 4/30/2019
Plate #: GAP7931
Transmission Type: Automatic 4 Door Sedan
NYS Inspection Sticker #: 1304496
Expires: 4/30/2019
Odometer Reading: 32,466
Fuel Level: 3/4
Engine Size: 3.6 Driveline: Front wheel

BRAKE COMPONENTS

Left Front Brake

ABS

Yes

	<u>Adequate</u>	<u>Inadequate</u>	<u>Comments</u>
Disk	✓		
Pads	✓		
Caliper	✓		
Flex brake hose	✓		
Other components	✓		

Right Front Brake

ABS

Yes

	<u>Adequate</u>	<u>Inadequate</u>	<u>Comments</u>
Disk	✓		
Pads	✓		
Caliper	✓		
Flex brake hose	✓		
Other components	✓		

Right Rear Brake

ABS

Yes

	<u>Adequate</u>	<u>Inadequate</u>	<u>Comments</u>
Disk	✓		
Pads	✓		
Caliper	✓		
Other components	✓		
Emergency brake cable	✓		

Left Rear Brake

ABS

Yes

	<u>Adequate</u>	<u>Inadequate</u>	<u>Comments</u>
Disk	✓		
Pads	✓		
Caliper	✓		
Other components	✓		
Emergency brake cable	✓		

BRAKE COMPONENTS

Front Emergency Brake

	<u>Adequate</u>	<u>Inadequate</u>	<u>Comments</u>
Cable	✓		
Control	✓		
Other components	✓		

Master Cylinder

	<u>Adequate</u>	<u>Inadequate</u>	<u>Comments</u>
Master cylinder	✓		
Fluid level	✓		
Lines	✓		
Failure switch	✓		
Junction block & valve	✓		
Power assist unit	✓		
Power assist hoses & valves	✓		
Pedal pressure	✓		

ADDITIONAL BRAKE COMMENTS

Is this vehicle equipped:

	<u>Yes</u>	<u>No</u>
Air bag system	✓	
Air bag light	✓	
Air bag deployed		✓
Air bag system functional	✓	

Seatbelts

	<u>Operational</u>	
Left front	✓	
Right front	✓	
Left rear	✓	
Right rear	✓	
Center front		Na Bucket Seats
Center rear	✓	

Carriage Frame Mounts

	<u>Adequate</u>	<u>Inadequate</u>	<u>Comments</u>
Engine mounts	✓		
Body mounts	✓		
Cross member frame mounts	✓		

TIRES AND WHEELS

Left Front

Tire size: 225/60R16
Tire make: Goodyear Assurance
Tread depth 15" apart at center or tire measured in 32 seconds of an inch: 10/32
Type of tread: Summer Winter ✓Combination
Air pressure:
 ✓Legal Illegal

	<u>Adequate</u>	<u>Inadequate</u>	<u>Comments</u>
Wheel	✓		28 psi air pressure

TIRES AND WHEELS cont.

Right Front

Tire size: 225/60R16
Tire make: Goodyear Assurance
Tread depth 15" apart at center or tire measured in 32 seconds of an inch: 10/32
Type of tread: Summer Winter ✓Combination
Air pressure:
✓Legal Illegal

	<u>Adequate</u>	<u>Inadequate</u>	<u>Comments</u>
Wheel	✓		27 psi air pressure

Left Rear

Tire size: 225/60R16
Tire make: Goodyear Assurance
Tread depth 15" apart at center or tire measured in 32 seconds of an inch: 9/32
Type of tread: Summer Winter ✓Combination
Air pressure:
✓Legal Illegal

	<u>Adequate</u>	<u>Inadequate</u>	<u>Comments</u>
Wheel	✓		28 psi air pressure

Right Rear

Tire size: 225/60R16
Tire make: Goodyear Assurance
Tread depth 15" apart at center or tire measured in 32 seconds of an inch: 8/32
Type of tread: Summer Winter ✓Combination
Air pressure:
✓Legal Illegal

	<u>Adequate</u>	<u>Inadequate</u>	<u>Comments</u>
Wheel	✓		28 psi air pressure

General Comments:

1. The brakes were checked and found to be in good condition.
2. Tires matched for size and type.
3. The tire pressure light was on. The right front tire was found to be low at 27 psi causing it to be on.
4. The steering components were checked and no problems were found.

Conclusion:

This vehicle is fleet maintained and was found in very good mechanical condition.

The brakes and steering were checked and found in very good condition with no problem found.

The tires matched for size and type. The low tire light was on and the right front tire was at 27 psi.