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| 16. Abstract <br> This project was co-sponsored by the Southwest University Transportation Center (SWUTC) and Region 6 of the United States Environmental Protection Agency (EPA), and the Border Environment Cooperation Commission. The overall goal of the project was to develop a methodology and to apply this methodology to estimate emissions produced by trucks from Mexico crossing the El Paso-Ciudad Juarez border locations. The specific objectives of the study were to develop a: <br> - border crossing fleet profile - profile of the make, model, and year of trucks crossing the two main border bridges; <br> - border crossing travel profile -profiles of the drive cycles (acceleration, deceleration, cruising, idling, and creep idling) of trucks crossing the two main border bridges; and <br> - border crossing emissions profile - estimates of idling emissions and driving emissions of trucks crossing the two main border bridges <br> TTI used portable emissions measurement system (PEMS) equipment along with Tapered Element Oscillating Micro-balance (TEOM) equipment operated by Oak Ridge National Laboratory to measure the truck emissions. The project provided good insight into the fleet, travel, and emissions characteristics of trucks crossing the El Paso-Ciudad Juarez border locations. |  |  |
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# Mexican Truck Idling Emissions at the El Paso - Ciudad Juarez Border Location 

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#### Abstract

This project was co-sponsored by the South West University Transportation Center (SWUTC) and Region 6 of the United States Environmental Protection Agency (EPA) for a total amount of $\$ 105,000$. The overall goal of the project was to develop a methodology and to apply this methodology to estimate emissions produced by trucks from Mexico crossing the El PasoCiudad Juarez border locations. The specific objectives of the study were to develop a: - border crossing fleet profile - profile of the make, model, and year of trucks crossing the two main border bridges; - border crossing travel profile - profiles of the drive cycles (acceleration, deceleration, cruising, idling, and creep idling) of trucks crossing the two main border bridges; and - border crossing emissions profile -estimates of idling emissions and driving emissions of trucks crossing the two main border bridges

TTI used portable emissions measurement system (PEMS) equipment along with Tapered Element Oscillating Micro-balance (TEOM) equipment operated by Oak Ridge National Laboratory to measure the truck emissions. The project provided insight into the fleet, travel, and emissions characteristics of trucks crossing the El Paso-Ciudad Juarez border locations.


## Executive Summary

The El Paso region continues to face serious air quality challenges particularly due to the large number of trucks that circulate between Ciudad Juarez and El Paso. Following the implementation of the North American Free Trade Agreement (NAFTA), trade between the U.S. and Mexico increased substantially. Northbound truck movements through Ciudad Juarez-El Paso gateways grew from less than 600,000 per year in 1994 to more than 700,000 per year in 2004, and the number of trucks crossing the U.S.-Mexico border is expected to continue growing, creating higher congestion levels and increased emissions. The northbound movements of trucks (import into the U.S.) in particular create long waiting times in the border locations due to several security and safety inspections that occur during the process.

The El Paso-Ciudad Juarez region is served by two major truck ports of entry. The Bridge of the Americas (BOTA) is located in the center of the El Paso-Ciudad Juarez metropolitan area, and in February 2004 had an average weekday volume of northbound traffic of 1,300 trucks. The Zaragoza border crossing is located on the southeast side of El Paso and processed approximately 1,160 trucks on a typical weekday in February of 2004

The overall goal of the project was to develop a methodology and to apply this methodology to estimate emissions produced by trucks from Mexico crossing the El Paso-Ciudad Juarez border locations. The specific objectives of the study are to develop a:

- border crossing fleet profile - profile of the make, model, and year of trucks crossing the two main border bridges;
- border crossing travel profile - profiles of the drive cycles (acceleration, deceleration, cruising, idling, and creep idling) of trucks crossing the two main border bridges; and
- border crossing emissions profile -estimates of idling emissions and driving emissions of trucks crossing the two main border bridges.


## Fleet Profiles

The average northbound truck volume for the two bridges is approximately 2,500. A survey of trucks moving from Ciudad Juarez to El Paso was conducted from May 3 through May 6, 2005 covering the hours of operation of both bridges. From the approximately 1,800 trucks that were surveyed on a typical day crossing from Mexico into El Paso at both the BOTA and Zaragoza bridges, $89 \%$ were found to be Class 8 (tractor-trailer) trucks with $11 \%$ being the smaller Class 5 trucks. There were 25 different model years (stretching from 1980 to 2005) found during the survey. It was found that more than $20 \%$ of the vehicles are more than 15 years old. Of the total fleet surveyed, $75 \%$ included models from 1991 through 2002. Very few long-haul trucks were found in the sample.

BOTA and Zaragoza bridges have their unique peaking characteristics when severe traffic congestion occurs. The non-toll BOTA Bridge is used to relocate empty drayage trucks in the early hours of the day, and to cross laden trucks transporting the morning's production from around 2:30 p.m. to approximately 5:30 p.m., when the bridge closes. Zaragoza has two periods of high congestions-from the opening hour at 8:00 a.m. until around 11:00 a.m., and between 6:00 p.m. and 8:00 p.m.

## Travel Profile

Global Position System (GPS) technology was used to collect drive-cycle information at both the BOTA and Zaragoza bridges. The drive cycle information included travel times, idle, creep idle, acceleration, and deceleration data. Travel profiles were analyzed by dividing the northbound border crossing process into three sections. The first section stretches from the entrance of the Mexican Customs compound to the U.S. Customs primary inspection booth. (This section includes the international crossing). The second section of the trip is the one that occurs inside the U.S. federal compound, and the third section is the one that takes the commercial vehicles through the state Safety Inspection Facility.

Idling is a very important component of the drive cycle analyzed in this study. Idling can be categorized as either regular or normal idling or creep idling. Normal idling occurs when the vehicle is at a total standstill whereas creep idling occurs when the vehicle is moving at a speed less than 5 mph and has an acceleration or deceleration less than $0.5 \mathrm{mph} / \mathrm{sec}$. This threshold for creep idling seemed to be an appropriate divider between trucks involved in creep idling and actually driving.

The analysis of the creep idling and idling times leads to the conclusion that Section 1 of the northbound trip that includes travel trough Mexican Customs and the actual bridge crossing, resulted in approximately $50 \%$ of the time that trucks idle or move at a very low speed. In the second portion of the trip (Section 2) on average more than $75 \%$ of the trip is spent idling or creep idling due to low speeds as a result of congestion and various inspections. Section 3 involves the state safety inspection process, which resulted in just over $40 \%$ of creep idling and idling occurring at the BOTA crossing.

The table below shows that the average percentage idling and creep idling for both bridges is above $60 \%$. In addition, the travel time for Zaragoza is more than that for BOTA. This can be attributed to the fact that Zaragoza has higher percentage idling and creep idling than the BOTA bridge.

| Section | BOTA |  |  | Zaragoza |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Travel <br> Time (min) | \% Normal <br> Idle | \% Creep <br> Idle | Travel <br> Time (min) | \% Normal <br> Idle | \% Creep <br> Idle |
| 1 | 8.5 | $41 \%$ | $18 \%$ | 11.1 | $36 \%$ | $13 \%$ |
| 2 | 8.2 | $62 \%$ | $13 \%$ | 23.0 | $75 \%$ | $8 \%$ |
| 3 | 4.2 | $13 \%$ | $29 \%$ | - | - | - |
| Total | 21.0 | $45 \%$ | $18 \%$ | 34.2 | $63 \%$ | $9 \%$ |

The drive cycles were analyzed to identify the number of accelerations and decelerations during a typical border crossing. It was found that for both BOTA and Zaragoza approximately eight acceleration and eight deceleration events were identified during a typical border crossing. This information is useful in developing generic drive cycles that can be used for emissions estimation.

## Emissions Profiles

The study team tested nine trucks ranging from 1985 to 1998 with between 150,000 and more than 1.7 miles accumulated. The displacement of the engines ranged from 10 liters to 14 liters. These trucks were subjected to four different idling modes including five instances of full throttle idling over a short period of time. Portable Emissions Measurement System (PEMS) units were used to test oxides of nitrogen (NOx), hydrocarbon (HC), and carbon monoxide (CO) emissions. For measuring particulate matter (PM), both PEMS and Tapered Element Oscillating Microbalance (TEOM) equipment were used.

It was found that there is no clear correlation between the age of the trucks and the NOx emissions rates. There is also no clear correlation between the accumulated miles and the NOx emissions rates. In addition, the NOx rates seem to increase with additional engine load due to the use of the air conditioner and higher idling rates. Only two of the nine trucks had NOx emission rates higher than the 135 grams per hour ( $\mathrm{g} / \mathrm{hr}$ ) guidance by the U.S. Environmental Protection Agency (EPA). The snap NOx emissions ranged from approximately 100 to $660 \mathrm{~g} / \mathrm{hr}$.

By calculating an average exhaust mass concentration using the TEOM and then comparing these values to the optical light scattering values from the PEMS, a simple regression model could be constructed. The linear regression model applied to these two methods of PM measurement was found to indicate a high degree of correlation between the two, with an $\mathrm{R}^{2}$ value of approximately 0.8 . This model could then be used to estimate PM concentrations.

As in the case with NOx it was found that there is no clear correlation between the age of the trucks and the PM emissions rates. The PM rate tends to increase with the higher engine loads. The PM rate ranges from 0.7 to $3.3 \mathrm{~g} / \mathrm{hr}$, which is in-line with the results of other studies performed in the U.S. As in the case with NOx, only two trucks exceeded the EPA guidance for PM emissions during long duration idling. The snap PM emissions ranged from approximately $50 \mathrm{~g} / \mathrm{hr}$ to more than $400 \mathrm{~g} / \mathrm{hr}$.

It was found that approximately 24 tons on NOx and 0.3 tons of PM are produced on an annual basis by trucks idling at the BOTA and Zaragoza bridges. These emissions are not particularly high as compared with the total on-road mobile source emissions for the El Paso region (less than $1 \%$ ). However, it should be noted that these emissions can be significant for an area such as El Paso, which is seeking to remain in attainment for ozone and PM. In addition, it should be noted that these emissions are generated in a very small geographic area (two border bridges), resulting in high concentrations of pollutant emissions in these areas.

The study team found that it was possible to collect emissions from a truck during actual crossings through the U.S.-Mexico border. However, due to the extensive coordination effort and the extremely sensitive nature of the fairly new technology, numerous challenges were encountered and it is recommended to collect the emissions on either the U.S. or Mexico sides by having the trucks travel according to pre-determined drive cycles while being equipped with PEMS units.

## Recommendation

The research team developed and applied a methodology to estimate truck idling emissions at the El Paso-Juarez border locations. This research can be seen as a first step in developing a comprehensive Border Crossing Emissions Measurement Model (BCEMM). The model would have wide applications in determining and forecasting commercial vehicle emissions at land border crossings. The model would consist of the same three components as described abovefleet characteristics, travel profiles, and emission profiles. A detailed database of the truck fleets, a comprehensive set of drive cycles, and a comprehensive sample of emissions rates under different driving modes should be used as building blocks for developing the BCEMM.

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## 1. Introduction

### 1.1 Purpose of the Study

The overall goal of the project is to develop a methodology and to apply this methodology to estimate emissions produced by trucks from Mexico crossing the El Paso-Ciudad Juarez border locations. The specific objectives of the study are to develop a:

- border crossing fleet profile - profile of the make, model, and year of trucks crossing the two main border bridges;
- border crossing travel profile - profiles of the drive cycles (acceleration, deceleration, cruising, idling, and creep idling) of trucks crossing the two main border bridges; and
- border crossing emissions profile - estimates of idling emissions and driving emissions of trucks crossing the two main border bridges.


### 1.2 Background

El Paso, Texas is currently the fifth largest city in Texas and the 23rd largest city in the U.S. Ciudad Juárez, El Paso's sister city across the U.S. border, is the largest city in the state of Chihuahua and the fifth largest city in all of Mexico. According to the 2000 census, El Paso's total population was approximately 680,000 , and combined with Ciudad Juárez, the population of the bi-national metropolitan area is estimated at 2 million people.

The El Paso region has been designated as nonattainment of air quality standards in terms of the ozone, carbon monoxide, and particulate matter standards. In 2004 the El Paso MPO requested the Texas Commission of Environmental Quality to apply for re-designation to attainment status in terms of ozone pollution standards. Nevertheless, El Paso will continue to face serious air quality challenges particularly due to the large percentage of trucks from Mexico entering and exiting El Paso through its two major ports of entry. It is also known that the El Paso-Ciudad Juárez border crossing is one of the busiest crossings along the U.S.-Mexico border.

Following the implementation of the North American Free Trade Agreement (NAFTA), trade between the U.S. and Mexico increased substantially. Total surface trade (rail and truck) between the two countries increased at an annual average rate of approximately $10 \%$ in the 10 -year period since NAFTA started. Trade by road between the two countries reached a historical maximum in 2004 with $\$ 195$ billion. Northbound truck movements through Ciudad Juárez-El Paso gateways grew from less than 600,000 per year in 1994 to more than 700,000 per year in 2004(1). The number of trucks crossing the U.S.-Mexico border is expected to continue growing creating higher congestion levels and increased emissions.

### 1.3 Commercial Border Crossing Process

The El Paso-Ciudad Juárez metropolitan area is served by two international commercial vehicle crossings in Texas and one in New Mexico. The Santa Teresa, New Mexico gateway is a land crossing 11 miles west of El Paso. The other two commercial crossings in the region, Bridge of the Americas (BOTA) and the Ysleta-Zaragoza bridge (Zaragoza), are international bridges over the Rio Grande River. Figure 1 shows the location of the three land ports of entry.


Figure 1. Location of International Bridges in the El Paso-Ciudad Juárez Metropolitan Area.

The northbound movements (import into the U.S.) in particular create long waiting times in the border locations due to several security and safety inspections that occur during the process. The process is complicated because of the requirements to file shipment data with both Mexican and U.S. agencies, preparation of paper forms that are carried with the shipment, transportation of goods between the two countries, and the involvement of a large number of public and private stakeholders.

The following sections outline the preparation required before the shipment reaches the international port.

1. The shipper sends information to the Mexican and U.S. customs brokers for preparation of export/import paper documents and electronically filing of the required information with the U.S. and Mexican customs authorities and other public agencies. Included in this information are details about the shipment, conveyance, and driver that appear on two key documents: the Mexican export document (Pedimento) and the U.S. Inward Cargo Manifest.
2. If the shipment originates in the interior of Mexico, the long-haul trucking firm picks up the shipment and transports it to the customs broker or freight forwarder yard on the

Mexico side of the border. Then a tractor and driver (drayage) that have the required documentation to cross the border pick up the trailer.
3. If the shipment originates at the assembly plant (most likely a maquiladora plant) in the U.S.-Mexico border region, the drayage truck picks up the loaded trailer and the required documentation to proceed toward the international port. This is the case for the majority of crossings in the El Paso-Ciudad Juarez area.

When the shipment with the authorized driver and truck are at the international port, the truck proceeds through the following main physical areas:

- Mexican export lot;
- U.S. federal compound; and
- state safety inspection facility.

A description of the main activities that occur in the northbound border crossing process is presented in the following sections and illustrated in Figure 2.


Figure 2. Northbound Commercial Border Crossing Process.

## Mexican Export Lot

The driver of the drayage vehicle with the required documentation proceeds into the Mexican export customs compound. Mexican Customs (Administración General de Aduana) conducts inspections consisting of a physical review of the cargo of randomly selected outbound freight prior to its export for audit and interdiction purposes. Those that are not selected proceed to the exit gate, cross the border, and continue on to the U.S. port of entry (POE).

## U.S. Federal Compound

At the primary inspection booth, the driver of the truck presents identification (proof of citizenship or a valid visa or laser card), a copy of the Inward Cargo Manifest, and the commercial invoice to the processing agent. The U.S. Customs and Border Protection (CBP) inspector at the primary inspection booth, using a computer terminal, cross-checks the basic information about the driver, vehicle, and load with information sent previously by the U.S. customs broker. The inspector then makes a decision to refer the truck, driver, or load for a more detailed secondary inspection of any or all of these elements or releases the truck to the exit gate.

A secondary inspection includes any inspection that the driver, freight, or conveyance undergoes between the primary inspection and the exit gate of the U.S. federal compound. Personnel from CBP usually conduct these inspections, which can be done by physically inspecting the conveyance and the cargo, or by using nonintrusive inspection equipment (such as x-ray). Within the compound, the U.S. Department of Transportation (USDOT), Federal Motor Carrier Safety Administration (FMCSA), and the Food and Drug Administration (FDA) have personnel and facilities to perform inspections when required.

## State Safety Inspection Facility

In the majority of the POEs, the stations are located adjacent to the federal compounds. State police personnel interview drivers and inspect conveyances to determine whether they are in compliance with U.S. safety standards and regulations. When the initial visual inspection finds any violation, the truck proceeds to a more detailed inspection at a special facility.

After leaving the state inspection facility, the driver typically drives to the freight forwarder or customs broker yard to drop off the trailer for later pickup by a long-haul tractor bound for the final destination.

The time required for a shipment to make the complete trip from the yard or the manufacturing plant in Mexico to the exit of the state inspection facility is dependent on the number of secondary inspections required, as well as the number of inspection booths in service and traffic volume at that specific time-of-day.

### 1.4 Security Programs

Among the most recent initiatives from the U.S. government to increase security and facilitate legitimate trade at commercial POEs is the Free and Secure Trade (FAST) program implemented by CBP. The objective of FAST is to incentivize supply chain security by offering expedited clearance to carriers and importers enrolled in the Customs Trade Partnership Against Terrorism (C-TPAT) (2).

C-TPAT is a joint government-business initiative to build cooperative relationships that strengthen the overall supply chain-importers, carriers, brokers, warehouse operators, manufacturers, and border security. C-TPAT recognizes that Customs can provide the highest level of security only through close cooperation with the ultimate owners of the supply chain. Through this initiative, Customs is asking businesses to ensure the integrity of their security practices and communicate their security guidelines to their business partners within the supply chain (3).

The U.S. Customs and Border Protection Trade Act requires advance transmission of electronic cargo information, requiring information for FAST shipments to be received 30 minutes prior to the shipment reaching the U.S. Non-FAST shipments require one-hour notification.

Both the BOTA and Zaragoza bridges have dedicated FAST lanes from the exit of the Mexican export lots. FAST allows CBP agents to instantly identify designated low-risk commercial vehicles, drivers, and cargo that are compliant with C-TPAT's guidelines. As these shipments approach a FAST lane at a commercial crossing, a wireless radio frequency identification (RFID) reader recognizes the unique identification number encoded on both the truck's windshield sticker tag and the driver's identity card. It associates this information with import, carrier, and driver information previously submitted to the system electronically. (This RFID process is very similar to high-speed toll tags offered in some cities). At the inspection booth, the inspector confirms that the shipment has met all clearance requirements, including confirmation that the driver matches the digital image and biographical information that was pre-filed.

Non-FAST-enrolled commercial vehicles with traditional paper documentation take longer to process, and they are more likely to experience secondary inspections sometimes requiring unloading the truck for detailed inspection.

### 1.5 Status of Opening the Border to Trucks from Mexico

NAFTA's original trucking provisions were designed to improve transportation efficiency by enabling more seamless cross-border trucking operations. The accord stipulated that restrictions on the movement of trucks from Mexico beyond a narrow commercial zone extending 3-20 miles into the U.S. were to be phased-out between 1995 and 2000. Enactment of this timetable was postponed by the U.S. Congress in 1995. The U.S. alleged that the inability of Mexico's regulation regime to adequately ensure the safety of its commercial drivers and carriers would pose a safety risk to the U.S. public.

Consequently, the moratorium on long-haul trucking across the U.S.-Mexico border was upheld. This situation has persisted for the past decade due to ongoing litigation and disputes regarding the safety of trucks from Mexico, emissions, and inspections. Driver-related concerns included inadequate training for the safe operation of trucks from Mexico on U.S. roads, the undercutting of U.S. driver wages, long operating hours, proficiency in English, and the ability to maintain adequate records, such as logbooks. Equipment concerns were related to truck maintenance, the impact of overloaded trucks on U.S. roads, and the age of trucks and associated emissions impacts.

In a unanimous ruling on June 8, 2004, the Supreme Court found in Department of Transportation et al. v. Public Citizen et al. that the USDOT lacks the authority to ban trucks from Mexico and cannot override President Bush's decision under NAFTA to lift a longstanding moratorium on their access. As a result, the USDOT is not required to study the trucks' impact on U.S. air quality, as environmentalists and a host of allied states had argued.

In recent years, many of the issues that prevented implementation of the NAFTA trucking provisions have been addressed. One outstanding hurdle is the establishment of an agreement
between the U.S. and Mexico with respect to U.S. motor carrier safety inspections to be conducted inside Mexico.

### 1.6 El Paso-Ciudad Juárez Commercial Traffic Characteristics

The majority of freight shipped through the El Paso-Ciudad Juárez port-of-entry system is maquiladora trade. This arrangement has evolved into a system of transfer stations, distribution centers and warehouses on the U.S. side of the border and manufacturing plants in Mexico. Most maquiladora assembly plants are located in the southeast portion of the El Paso-Ciudad Juárez metropolitan area.

## Bridge of the Americas (BOTA)

The BOTA facility is located in the center of the El Paso-Ciudad Juárez metropolitan area. The bridge is used for truck and passenger vehicle movements and includes two separate structures, one for northbound traffic and one for southbound traffic. Truck traffic is accommodated by two dedicated outside lanes on each bridge structure. Local transportation companies funded the construction of a replacement bridge capable of handling commercial traffic in 1998; and no tolls are collected at this commercial crossing.

The BOTA operates from 6 a.m. to 6 p.m. Monday through Friday and from 6 a.m. to 2 p.m. on Saturdays. Empty truck traffic prefers using this free bridge to avoid paying the toll at the Zaragoza Bridge. On October 27, 2003 one of BOTA's two northbound lanes was converted to a designated FAST lane. Approximately $15 \%$ of the total northbound truck volume at this crossing is now expedited across the border through this lane. Figure 3 shows a schematic diagram of the BOTA.


Figure 3. Border Crossing Schematic at the Bridge of the Americas.

The average weekly northbound volume of commercial traffic at BOTA was 6,976 trucks for the first three months of 2004, with empty trucks representing $58 \%$ of the total as shown in Figure 4 (4).


Figure 4. BOTA Northbound Weekly Commercial Traffic Volume.

The average weekday volume of northbound traffic at BOTA was 1,311 trucks, with Thursdays being slightly busier than other days. From 6 a.m. to 8 a.m., northbound commercial crossings are restricted to empty vehicles. After 8 a.m., both laden and empty northbound trucks are permitted to cross the border at this location. Northbound commercial crossings peak between 11 a.m. and noon, and begin to decline rapidly after 4 p.m. Figure 5 presents a typical weekday traffic distribution for northbound trucks at the BOTA facility. Queues begin to form around 11 a.m. at this border crossing, suggesting that the port has a capacity of approximately 120 trucks per hour. Overall processing capacity is a function of the number of booths that are staffed and the type of trucks that are being processed - laden, empty, FAST, and non-FAST.


Figure 5. BOTA Northbound Commercial Crossings by Time-of-Day for 2/19/2004.

## Zaragoza

The Zaragoza border crossing is located on the southeast side of El Paso. The crossing's bridge is comprised of two separate structures, one for commercial traffic and the other for passenger vehicles. The truck bridge is a four-lane facility with two lanes per direction. It is open from 8 a.m. to midnight, Monday to Friday, and 9 a.m. to 5 p.m. on Saturdays. The northbound toll is collected on the Mexican side of the border and is approximately $\$ 10$ for a commercial truck. Figure 6 shows a schematic diagram of the border crossing at the Zaragoza Bridge.


Figure 6. Border Crossing Schematic at Zaragoza Bridge.

FAST processing was fully implemented at the Zaragoza Bridge on August 16, 2004 and one of the northbound truck lanes. The average total weekly northbound traffic volume at Zaragoza was approximately 6,200 trucks for the first eight weeks of 2004 (4). Unlike the free bridge at BOTA, the tolled Zaragoza crossing is used predominantly by trucks that are laden with cargo. For the eight weeks of data analyzed, $72 \%$ of northbound commercial movements passing through Zaragoza were loaded (see Figure 7).


Figure 7. Zaragoza Northbound Weekly Commercial Traffic Volume.

The average weekday volume of northbound traffic at Zaragoza was 1,157 trucks, with Mondays being slightly lighter than the other weekdays. Laden trucks comprise the majority of traffic at this port of entry, except for the $8 \mathrm{a} . \mathrm{m}$. to $9 \mathrm{a} . \mathrm{m}$. period when a large number of empty vehicles cross into the U.S. Peak northbound demand at Zaragoza occurs around 10 a.m., with additional afternoon peaks occurring at 5 p.m. and 7 p.m. Figure 8 presents a typical weekday traffic distribution for northbound trucks at the Zaragoza facility. At this port of entry, queues form around $5 \mathrm{p} . \mathrm{m}$. and continue until $9 \mathrm{p} . \mathrm{m}$. or $10 \mathrm{p} . \mathrm{m}$. This port has six primary inspection booths, and not all of them are staffed during the hours of service. Varying traffic demand during the course of the day dictates the number of booths that are in operation. From observation of commercial operations at Zaragoza, it appears that port capacity is reached at approximately 90 trucks per hour.


Figure 8. Zaragoza Northbound Commercial Crossings by Time-of-Day for 2/19/2004.

## Combined Zaragoza and BOTA Traffic Characteristics

Overall northbound truck traffic at both commercial crossings peaks between 10 a.m. and noon. During the early hours of the day, empty trucks cross northbound through BOTA to pick up loads for maquiladora assembly plants. Even before BOTA closes for operation, some traffic voluntarily diverts to Zaragoza, causing a period of high demand at around $5 \mathrm{p} . \mathrm{m}$. Around 7 p.m., loaded vehicles create another period of high demand at the Zaragoza facility. These afternoon peaks result from shipments that leave Mexico's maquiladora plants at the end of the second manufacturing production shift. Figure 9 presents a comparison between BOTA and Zaragoza northbound commercial traffic flows for February 19, 2004.

Although the Zaragoza commercial crossing offers longer hours of operation, BOTA processes more trucks per day. This is due to the absence of a toll at BOTA (compared to the $\$ 10$ toll at Zaragoza) and the higher number of empty trucks, which are processed faster than the laden vehicles.


Period of Day
Figure 9. Zaragoza and BOTA Northbound Commercial Traffic for 2/19/2004.

## 2. Approach

As mentioned earlier, the study is comprised of three major parts-border crossing fleet profile, border crossing travel profile, and border crossing emissions profile. These aspects will be described in more detail below:

### 2.1 Border Crossing Fleet Profile

The focus of this study was on heavy-duty diesel tractor-trailer trucks. The following information was obtained for the border crossing fleet profile:

- total number of heavy-duty diesel tractor-trailer trucks typically crossing the two border locations by time-of-day (northbound and southbound);
- model year distribution of trucks from Mexico crossing the border at the two border locations studied;
- engine sizes and manufacturers of trucks from Mexico crossing the border; and
- fleet owners of trucks from Mexico crossing the border.

The study team performed counts and interviews at the two bridges during May 2005 and obtained additional information through the following sources:

- Mexican Trucking Association (CANACAR);
- Mexican Department of Transportation (SCT);
- Federal Motor Carrier Safety Administration (FMCSA);
- Texas Department of Public Safety (DPS); and
- Mexican trucking companies.

Students from the Universidad Autonoma de Ciudad Juarez (UACJ) were stationed on the Mexican side of the border, at the entrance of the Mexican Export Lot from May 3 through May 6,2005 covering the hours of operation of both bridges. This information was collected for the majority of the trucks that crossed from Mexico into the U.S. through the two bridges.

The information that was collected in the field was analyzed and processed after extensive cleaning for typographical errors and formatting. With the processed information, the research team approached the Mexican Transportation Ministry (SCT) and the local Trucking Association to obtain vehicle type and model year, based on the license plate number. SCT provided a file with data on more than 2,000 vehicles in its database. The information included license plate, make, model, VIN, and carrier. After analyzing and cleaning the information presented by SCT it was found that a substantial number of vehicles that were captured in the survey were not included in this database. This is because the information captured by SCT is at the regional level and includes vehicles registered at the federal level and not in the state of Chihuahua or any other Mexican state. The research team contacted each carrier that was identified in the survey, requesting information on the vehicle make, model, and year.

### 2.2 Border Crossing Travel Profile

The travel profile for trucks crossing the border will help determine the drive cycle patterns from which aspects such as queuing and idling can be inferred. Specifically, the border crossing travel profile refers to time and space information of the trucks as they travel through the border locations.

Global positioning system (GPS) equipment installed on board the commercial vehicles was used to take sample profiles in September 2004 and June 2005. The GPS equipment was installed in Mexico at the carrier yard and was uninstalled in El Paso once the truck finished all inspections. The GPS equipment that was used provides coordinate information on a second-by-second basis. Northbound truck drive cycles were recorded at the BOTA and Zaragoza crossings.

### 2.3 Border Crossing Emissions Profile

Portable Emissions Measurement System (PEMS)
The PEMS unit used in this study was the OEM-2100 "Montana" system manufactured by Clean Air Technologies International, Inc. The OEM-2100 system is comprised of a gas analyzer, a particulate matter (PM) measurement system, an engine diagnostic scanner, a global positioning system (GPS), and an on-board computer. The gas analyzer measures the volume percentage of nitrogen oxide (NO) (which is converted to a measurement of oxides of nitrogen [NOx]), hydrocarbons $(\mathrm{HC})$, carbon monoxide ( CO ), carbon dioxide $\left(\mathrm{CO}_{2}\right)$, and oxygen $\left(\mathrm{O}_{2}\right)$ in the vehicle exhaust. The PM measurement capability includes a laser light scattering detector and a sample conditioning system. The engine scanner is connected to the data link of electronically controlled vehicles, from which engine and vehicle data can be downloaded during vehicle operation (5). Intake airflow, exhaust flow, and mass emissions are estimated using a method reported by Vojtisek-Lom and Cobb (6).

The CATI equipment has over the years shown great conformity with laboratory tests for pollutants such as CO and NOx. Fine particulate matter, $\mathrm{PM}_{2.5}$, is also a critical ambient air pollutant in the border region. The measurement of diesel PM is challenging and most portable emissions measurement devices do not measure PM. The laser light scattering technique used by the CATI system can never be fully comparable to a filter-based method used by the U.S. Environmental Protection Agency (EPA) to certify engines; however, it can be a valuable tool for comparative emissions rates once a correlation to gravimetric methods is established. Therefore, the research team proposes to establish the PM emissions correlation to the CATI measurement as well as characterizing the PM emissions of several heavy-duty diesel trucks from Mexico.

## Tapered Element Oscillating Micro-balance (TEOM) and Gravimetric Filters

The Department of Energy's Oak Ridge National Laboratory (ORNL) is uniquely well-qualified to establish a baseline correlation between CATI particulate measurements and more conventional gravimetric measurement. At the Fuels, Engines, and Emissions Research Center (FEERC), a wide array of particulate characterization equipment is in use for studies on advanced, high-efficiency engines. ORNL partnered with TTI on this project to produce the baseline PM measurements.

ORNL provided a partial flow dilution tunnel, a Rupprecht and Patashnick Model 1105 TEOM gravimetric filter equipment and assorted sampling pumps. In addition to PM, aldehydes and ketones were also sampled. (Previous work has shown that extended idling can result in high formaldehyde emissions).

## Overall Approach

A PEMS unit was placed at a stationary location to collect truck idling information in conjunction with the equipment provided by the Oak Ridge National Laboratory. A manageable sample of trucks were tested based on make, model year, and engine size as determined through the fleet profile step. Emissions data were collected under various modes of idling-high RPM, low RPM, air conditioning on, air conditioning off, and snaps (instances of full throttle engine thrusts).

In addition, PEMS units were deployed to obtain the emissions for trucks from Mexico traveling across the border at the study locations. PEMS units were installed on trucks on the Mexican side of the border and then removed on the U.S. side of the border. This activity required extensive coordination with various organizations as described in a later section.

### 2.4 Testing Site

The research team needed a testing location that would allow them to perform the idling tests in the most convenient and effective way. This location had to comply with the following criteria:

- conveniently located close to one of the two border bridges;
- roofed area that would provide shade and some cooling with enough ventilation;
- place where a temporary office could be installed;
- security that would help in protecting the expensive testing equipment;
- pavement to avoid dust being created by trucks entering and exiting; and
- sufficient electrical power ( $115 \mathrm{~V} / 20 \mathrm{amp}$ ) circuits.

The El Paso County Coliseum was identified as a location that complied with all the abovementioned criteria. It is located on the U.S. side very close the BOTA border crossing. It has a large paved area and a roof that is tall enough so that trucks could pull in underneath the roof to prevent the trucks and the drivers from getting overly hot from the stationary idling. It is totally open on all sides so that there is ample ventilation. In addition, there was adequate electrical power and the Coliseum has a maintenance shop with two maintenance employees that could help with incidental small repairs. Figure 10 shows a photograph of a truck being tested at the Coliseum site. The figure also shows the portable office, roof, and pavement.


Figure 10. Photograph of Coliseum Testing Site.

### 2.5 Coordination

To perform a field test of this magnitude and complexity required extensive coordination with multiple stakeholders. The research team organized and conducted coordination meetings in September 2004, March 2005, and June 2005. The purpose of these meetings was to explain the project, obtain buy-in, and arrange for stakeholder participation. Appendix A contains notes from the series of meetings held in March 2005. The key stakeholders of this project included:

- motor carriers;
- Mexican customs;
- U.S. Customs and Border Protection (CBP); and
- Texas Department of Public Safety (DPS).

Motor carriers played an important role in providing information to create the tractor database, and to provide trucks for emissions testing. It was found that all the drayage trucks operating at the two bridges are operated by Mexican companies.

Mexican customs assistance was obtained to temporarily import the PEMS equipment so it could be installed in Ciudad Juarez and crossed into the U.S. without flagging any additional inspections or delays. The temporary import permit was obtained with assistance from the SEMARNAT (Secretary of Environment and Natural Resources), Ciudad Juarez office.

Texas DPS officers operate the safety inspection facilities that are located near or adjacent to the CBP compound. DPS agreed to provide space for trucks to be parked while the research team uninstalled the PEMS equipment, once the truck passed through all the possible inspections.

### 2.6 Testing Plan

The Texas Transportation Institute (TTI) led the testing effort. Participating organizations were Clear Air Technologies, Inc. (CATI) and the Department of Energy's Oak Ridge National Laboratory (ORNL), members from Region 6 of EPA, and the participating trucking companies. Three teams were formed to perform the testing. The following is a description of the role of the teams whereas Figure 11 shows a graphical representation.

- Team 1 was located at the Coliseum and was responsible for installing PEMS, TEOM, and gravimetric equipment and collecting idling data.
- Team 2 was responsible for uninstalling PEMS equipment at the DPS location at the Zaragoza Bridge or at the Coliseum, depending on the truck route.
- Team 3 was responsible for installing PEMS equipment at the yards of the trucking companies in Ciudad Juárez.


Figure 11. Set-up of Data Collection Teams.

## 3. Results

### 3.1 Border Crossing Fleet Profile

As mentioned previously, the border crossing fleet profile was developed based on surveys performed in May 2005. Appendix B contains a full set of the fleet data collected for this project. Figure 12 shows the total number of northbound crossings (Tuesday to Friday) that were captured in the survey at both international bridges. It was found that $62 \%$ of the vehicles that crossed both bridges on May 4 circulated through the Zaragoza Bridge.


Figure 12. Survey Results Northbound Crossings.

## Vehicle Classification

There are several vehicle classifications used in practice. For example, EPA's MOBILE6 emissions model has 28 vehicle classes and the Texas Department of Transportation (TxDOT) uses 12 vehicle classes. The classification used for this study is based on the Federal Highway Administration (FHWA) classification, of which an excerpt is shown in Figure 13. Vehicle classification information was captured for $98 \%$ of the vehicles that crossed on May 4 using both international bridges. From the vehicles from which classification information was obtained, $89 \%$ were observed to be Class 8 trucks and $11 \%$ were Class 5 trucks. Both bridges handled similar proportions of Class 5 and Class 8 trucks during the typical sample day. Figure 14 shows the proportion of commercial vehicles by class and by bridge.


Figure 13. Vehicle Classifications.


Figure 14. Surveyed Vehicle Classification Proportion.

## Carriers

Over 200 different carriers were detected during the survey, however, only 16 made up $50 \%$ of the total trips during a representative day. Table 1 shows the top 16 carriers or companies and proportion of the total trips for Class 8 vehicles.

Table 1. Principal Carriers.

| Company |  | Proportion |
| :--- | :--- | :---: |
| 1 | Stil | $8.52 \%$ |
| 2 | Aguila | $6.57 \%$ |
| 3 | Sotelo | $5.14 \%$ |
| 4 | Lyrma | $4.75 \%$ |
| 5 | Transportes Norte De <br> Chihuahua | $3.84 \%$ |
| 6 | Transportes Paso Del Norte | $3.25 \%$ |
| 7 | Transervicios | $2.93 \%$ |
| 8 | Silt | $2.73 \%$ |
| 9 | Torres | $2.67 \%$ |
| 10 | Transportes De Maquila | $1.76 \%$ |
| 11 | Desierto Norte | $1.43 \%$ |
| 12 | Kemsa | $1.43 \%$ |
| 13 | Rio Grande | $1.43 \%$ |
| 14 | Express Tres Fronteras | $1.37 \%$ |
| 15 | Vargas | $1.37 \%$ |
| 16 | Delfines | $1.04 \%$ |
| Total | $50 \%$ |  |
|  |  |  |

## Vehicle Model Year Distribution

As mentioned earlier, commercial vehicles crossing in the El Paso-Ciudad Juarez area are primarily maquiladora traffic. Very few long-haul tractors are used at the two border crossings, except for those that travel to and from Chihuahua City, which is close enough to allow the truck to make a day trip. This peculiar traffic characteristic shows that the same tractors are the ones that are used on a daily basis. Using the information for the typical day, the research team developed a histogram of Class 8 vehicles by model year (Figure 15). The analysis of the model year information shows that 25 different model years represent the total fleet composition. From
these 25 , three $(1993,1995$ and 1996) represent one third of the total fleet, and 10 model years spanning from 1991 to 2002 represent almost three quarters of the total fleet spectrum. It may also be noticed that $20 \%$ of the fleet is 1990 or older (more than 15 years old).


Figure 15. Class 8 Surveyed Fleet Proportion by Model Year.

## Sample

Based on the survey results, in which 25 different model years were found, the 20 with highest representation were identified for emissions testing.

### 3.2 Border Crossing Travel Profile

## Traffic Demand

Because the BOTA border crossing is a non-toll bridge that opens earlier than the Zaragoza toll bridge, the BOTA port of entry is used to relocate transportation equipment, and most of the traffic between 6:30 a.m. and 8:30 a.m. is comprised of empty and bobtail tractors that cross from Mexico into the U.S. to pickup loads. Around 2:30 p.m., loaded traffic demand increases and it continues at a high level until just before the closure of the bridge at 5:30 p.m. Figure 16 shows the BOTA survey results on an hourly basis for May 4, 2005.


Figure 16. BOTA Surveyed Hourly Crossings 5/4/2005.

The Zaragoza international crossing presents a period of high demand from the opening hour at 8:00 a.m. until around 11:00 a.m. Demand is relatively steady during the day except for a period between 6:00 p.m. and 8:00 p.m. when demand increases. This early evening demand is mainly comprised of loaded vehicles that move northbound cargo from maquiladora plants that ship the production from the morning shift. Demand at this POE starts to decline around 8:00 p.m. Figure 17 presents the hourly surveyed northbound crossing data for the Zaragoza bridge for May 4, 2005.


Period of Day (hours)
Figure 17. Zaragoza Surveyed Hourly Crossings 5/42005.

## Drive Cycles

An important element of this research was the collection of real-world travel information during the northbound commercial crossing processes. Detailed drive-cycle information for the commercial crossings has not been reported in the past and it is of great importance for emissions estimation (7). Global Position System (GPS) technology was used to collect drive-cycle information at both BOTA and Zaragoza bridges. The drive cycle information include travel times, idle, creep idle, acceleration, and deceleration data. Ten northbound drive-cycles were collected at BOTA and seven at Zaragoza. Appendix C presents second by second graphs of distance versus speed plots and time versus distance plots for each of the drive-cycles.

## Drive Cycle Sections

In order to effectively analyze the drive-cycles, each drive-cycle was divided into distinct sections. For both BOTA and Zaragoza bridges, the first part of the drive-cycle includes the section from the entrance to the Mexican Customs compound to the U.S. primary inspection booth. This section includes the international crossing and it should be noted that trucks travel the same distance in this section.

The second part of the drive-cycle includes the truck movements within the U.S. federal compound, from the primary inspection booth to the exit booth. Drive-cycles in this part of the international crossing could vary significantly from trip to trip. For example, a FAST truck could
be sent directly to the exit booth after being cleared at the primary inspection booth, while a loaded truck could be required to stop at the x-ray inspection or be sent for physical inspection.

The third section of the drive-cycle stretches from the exit booth of the U.S. federal compound to the exit of the state Safety Inspection Facility (SIF). Information for this third section of the drive-cycle was only collected for the BOTA crossing, in which the SIF is adjacent to the U.S. federal compound. At the Zaragoza crossing, the SIF is located across the freeway and was not included in the comparison. At the BOTA SIF, trucks could be sent for a secondary inspection or to the exit after a primary inspection, therefore, distances could vary accordingly.

Figures 18 and 19 present the sections in each of the international crossings. The section brake points are marked with an X and each section is shown with a different color.


Figure 18. BOTA Drive-cycle Sections.


Figure 19. Zaragoza Drive-Cycle Sections.

Travel Times
Table 2 presents a summary of the drive-cycles that were collected for the BOTA and Zaragoza bridges. Drive-cycles were measured in the months of October 2004 and June 2005. The drivecycles included FAST and non-FAST trucks as well as loaded, unloaded, and bobtail vehicles.

Table 2. Drive-Cycle Travel Times.

|  | Date | Initial |  | Time per hh:mm:s | ction | Total Crossing | Shipment Type |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Sample \# |  |  | 1 | 2 | 3 |  |  |
| 1 | 10/26/2004 | 2:23 p.m. | 0:12:54 | 0:32:16 | 1:13:38 | 1:58:48 | STIL, Non-FAST, Loaded Stopped at DPS Inspection |
| 2 | 10/27/2004 | 10:36 a.m. | 0:05:53 | 0:10:13 | 0:02:04 | 0:18:10 | STIL, FAST, Loaded |
| 3 | 10/27/2004 | 2:32 p.m. | 0:04:24 | 0:12:27 | 0:03:17 | 0:20:08 | STIL, FAST, Loaded |
| 4 | 6/27/2005 | 4:20 p.m. | 0:06:20 | 0:02:47 | 0:03:08 | 0:12:15 | Sotelo, FAST, Loaded |
| 5 | 6/28/2005 | 8:34 a.m. | 0:03:15 | 0:27:11 | 0:04:43 | 0:35:09 | Sotelo, Non-FAST, Bobtail |
| 6 | 6/28/2005 | 12:33 p.m. | 0:11:52 | 0:06:07 | 0:02:06 | 0:20:05 | Sotelo, FAST, Loaded |
| 7 | 6/28/2005 | 5:42 p.m. | 0:14:25 | 0:03:10 | 0:04:15 | 0:21:50 | Sotelo, Non-FAST, Bobtail |
| 8 | 6/29/2005 | 7:27 a.m. | 0:08:21 | 0:02:31 | 0:04:29 | 0:15:21 | Sotelo, FAST, Empty |
| 9 | 6/29/2005 | 10:18 a.m. | 0:12:53 | 0:03:22 | 0:02:40 | 0:18:55 | Sotelo, FAST, Empty |
| 10 | 6/30/2005 | 8:40 a.m. | 0:09:24 | 0:03:54 | 0:04:21 | 0:17:39 | Sotelo, FAST, Empty |
| Average time |  |  | 0:08:58 | 0:10:24 | 0:10:28 | 0:29:50 |  |
| Average time w/o lengthy stops |  |  | 0:08:58 | 0:10:24 | 0:03:27 | 0:19:57 |  |


| Zaragoza <br> Sample \# | Date | Initial Time | Travel Time per Section (hh:mm:ss) |  |  | Total Crossing <br> Time | Shipment Type |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1 | 2 | 3 |  |  |
| 1 | 10/26/2004 | 4:31 p.m. | 0:21:28 | 2:51:39 |  | 3:13:07 | STIL, Non-FAST, Loaded Stopped at US Inspection |
| 2 | 10/27/2004 | 3:25 p.m. | 0:11:47 | 0:36:36 |  | 0:48:23 | STIL, Non-FAST, Loaded |
| 3 | 10/27/2004 | 7:37 p.m. | 0:07:03 | 0:25:19 |  | 0:32:22 | STIL, FAST, Loaded |
| 4 | 6/25/2005 | 10:59 a.m. | 1:50:39 | 0:58:47 |  | 2:49:26 | Sotelo, Non-FAST, Loaded Stopped at MX and U.S. Inspection |
| 5 | 6/25/2005 | 12:00 p.m. | 0:07:10 | 0:12:24 |  | 0:19:34 | Sotelo, non-FAST, Empty |
| 6 | 6/27/2005 | 8:23 a.m. | 0:16:00 | 0:29:20 |  | 0:45:20 | Sotelo, Non-FAST, Loaded |
| 7 | 6/27/2005 | 8:49 a.m. | 0:10:44 | 0:07:03 |  | 0:17:47 | Sotelo, FAST, Loaded |
| Average time |  |  | 0:26:24 | 0:48:44 |  | 1:15:08 |  |
| Average time w/o lengthy stops |  |  | 0:12:22 | 0:22:08 |  | 0:32:41 |  |

Table 2 shows that at BOTA, the average crossing time for the first section of the drive-cycle was approximately nine minutes. The shortest travel time in the first section of the trip was 3.25 minutes for a bobtail truck that crossed during the morning. The longest time at this first section of the cycle was 14.5 minutes for a bobtail truck that crossed at the end of the day (5:40 p.m.), before that bridge closed at 6:00 p.m.

For the second leg of the cycle at BOTA, the average crossing time for the ten drive-cycles was approximately 10 minutes, with the shortest time in this section at less than three minutes and the longest at more than 30 minutes. Two of the longest travel times on this section were for nonFAST trucks at 27 and 32 minutes, respectively.

The third section of the crossing through BOTA, which includes the DPS inspection also averaged approximately 10 minutes. The shortest time was two minutes and the longest one hour and 13 minutes for a truck that underwent a detailed safety inspection (Sample 1). The average crossing time without this particular truck was 3.5 minutes.

As mentioned earlier, at Zaragoza the drive-cycles were divided into two sections, because the SIF is not adjacent to the border crossing compound and was therefore excluded. The first section of the cycle had an average duration of 26.5 minutes. However, it should be noted that this reflects one particular case where one of the trucks was stopped at Mexican Customs for almost two hours. The average crossing time without that particular trip was approximately 12.5 minutes. The shortest crossing time in this initial portion of the trip was approximately 7 minutes occurring around noon and the longest was 21.5 minutes occurring around $4: 30$ p.m.

In the second leg of the cycle (through the U.S. federal compound), two of the seven trucks sampled underwent thorough inspections, one was stopped for one hour and the other was stopped for almost three hours, resulting in an average duration of 48 minutes. Without these two trucks included in the sample, the average crossing time was 22 minutes, with the shortest time of seven minutes for a FAST truck in the morning hours (Sample 7) and the longest time (without considering the two long inspections) was 36 minutes for a non-FAST truck at 3:30 p.m. (Sample 2).

The analysis of the crossing times by section for the seventeen drive-cycles that were collected provides important information. For example, the travel time during the first section of the trip at BOTA and at Zaragoza depends on the level of traffic and associated congestion levels, while the time at the second and third sections of the trip depend on whether inspections are required or whether the truck is on a FAST or non-FAST trip.

## Idling and Creep Idling times

Table 3 presents the percentage of idling and creep idling that occurred during the border crossing for each section of the trip. Idling occurs when the vehicle is at a total standstill whereas creep idling occurs when the vehicle is moving at a speed less than 5 mph and has an acceleration or deceleration less than $0.5 \mathrm{mph} / \mathrm{sec}$. This threshold for creep idling seemed to be an appropriate divider between trucks involved in creep idling and actually driving.

Table 3. Idling and Creep Idling Proportion.

| Sample \# | BOTA |  |  | Zaragoza |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\mathbf{1}$ | $\mathbf{2}$ | $\mathbf{3}$ | $\mathbf{1}$ | $\mathbf{2}$ | $\mathbf{3}$ |
| 1 | $77 \%$ | $85 \%$ | $96 \%$ | $76 \%$ | $98 \%$ | - |
| 2 | $39 \%$ | $61 \%$ | $44 \%$ | $63 \%$ | $82 \%$ | - |
| 3 | $19 \%$ | $72 \%$ | $39 \%$ | $18 \%$ | $84 \%$ | - |
| 4 | $34 \%$ | $44 \%$ | $38 \%$ | $99 \%$ | $96 \%$ | - |
| 5 | $28 \%$ | $85 \%$ | $65 \%$ | $31 \%$ | $82 \%$ | - |
| 6 | $71 \%$ | $91 \%$ | $7 \%$ | $63 \%$ | $91 \%$ | - |
| 7 | $70 \%$ | $55 \%$ | $33 \%$ | $45 \%$ | $64 \%$ | - |
| 8 | $55 \%$ | $65 \%$ | $43 \%$ | - | - | - |
| 9 | $76 \%$ | $74 \%$ | $0 \%$ | - | - | - |
| 10 | $66 \%$ | $81 \%$ | $63 \%$ | - | - | - |
| Average | $54 \%$ | $71 \%$ | $43 \%$ | $56 \%$ | $85 \%$ | - |

It was found that at BOTA the average time proportion for idle or creep idle was $54 \%$ for Section $1,71 \%$ for Section 2, and $43 \%$ for Section 3. In Section 1, which covers the entrance to the Mexican federal compound to the U.S. primary inspection booth and includes the actual border crossing, four of the 10 samples were idling or creep idling for more than $75 \%$ of the time. These four trips were made during times of the day when the crossing was congested. The lowest proportion of idling and creep idling in this section was $19 \%$ for Sample 3 that corresponds to a FAST truck that traveled at an average speed of 7.8 mph on that section.

Section 2 at BOTA has a higher average percentage of idling and creep idling than Section 1 at $71 \%$. Section 2 includes travel within the U.S. federal compound that requires trucks to move at slow speeds and stop at gates and inspection facilities. There were six of the 10 samples in this section that had a $75 \%$ or higher percentage idling and creep idling time.

Section 3 at BOTA comprises of the state safety inspection process. For this section the average proportion of idling and creep idling time was $43 \%$, with one sample that had no idle or creep idle and another one that had only $7 \%$ of idle and creep idle time. Sample 1 was idling or creep idling for $96 \%$ of the time, which implies that this vehicle was stopped for detailed inspection.

At Zaragoza the proportion of idling and creep idling for Section 1 was found to be $56 \%$, which is similar to that at BOTA for the same section. The lowest percentage was observed for Sample

5, which idled or creep idled for $51 \%$ of the time. This was an empty truck traveling around noon.

For the second portion of the trip that includes traveling through the U.S. federal compound. Two trucks had idling and creep idling proportions of more than $95 \%$ and the average idling and creep idling proportion was $85 \%$. This high percentage was due to inspections occurring in this section of the cycle.

The analysis of the creep idling and idling times leads to the conclusion that Section 1 of the northbound trip that includes travel trough Mexican Customs and the actual bridge crossing, result in approximately $50 \%$ of the time that trucks idle or move at a very low speed. In the second portion of the trip (Section 2) on average more than $75 \%$ of the trip is spent idling or creep idling due to low speeds as a result of congestion and various inspections. Section 3 involves the state safety inspection process, which resulted in just over $40 \%$ of creep idling and idling occurring at BOTA.

Table 4 shows a summary of the travel times, idling, and creep idling percentages for the two bridges. The travel times are estimated by allocating probabilities to the extremely long travel times observed during the surveys. It may be seen that the average percentage idling and creep idling for both bridges are above $60 \%$. In addition, the travel time for Zaragoza is more than that for BOTA. This can be ascribed to the fact that Zaragoza has higher percentage idling and creep idling than the BOTA bridge.

Table 4. Summary of Travel Time, Idling and, Creep Idling.

| Section | BOTA |  |  | Zaragoza |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Travel Time <br> (min) | \% Normal <br> Idle | \% Creep <br> Idle | Travel Time <br> (min) | \% Normal <br> Idle | \% Creep <br> Idle |
| 1 | 8.5 | $41 \%$ | $18 \%$ | 11.1 | $36 \%$ | $13 \%$ |
| 2 | 8.2 | $62 \%$ | $13 \%$ | 23.0 | $75 \%$ | $8 \%$ |
| 3 | 4.2 | $13 \%$ | $29 \%$ | - | - | - |
| Total | 21.0 | $45 \%$ | $18 \%$ | 34.2 | $63 \%$ | $9 \%$ |

## Acceleration/Deceleration by Section

Table 5 shows the number of acceleration and decelerations occurring in the various sections. The drive-cycle information was used to calculate the number of times that the truck accelerated and decelerated during each section of the northbound trip. Acceleration and deceleration were defined as an acceleration or deceleration rate averaging at least $0.5 \mathrm{mph} / \mathrm{sec}$ for five seconds. This is based on a visual analysis of the speed profiles and the fact that the maximum acceleration for a Class 8 truck from 0 to 30 mph is $1 \mathrm{mph} / \mathrm{sec}$ (8). Accelerations and decelerations are important components of drive cycles because they are generally associated with high emission rates.

Table 5. Acceleration/Decelerations per Section.

| Sample \# | BOTA |  |  | Zaragoza |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\mathbf{1}$ | $\mathbf{2}$ | $\mathbf{3}$ | $\mathbf{1}$ | $\mathbf{2}$ | $\mathbf{3}$ |
| 1 | $3 / 2$ | $3 / 3$ | $2 / 2$ | $5 / 5$ | $4 / 3$ | - |
| 2 | $3 / 3$ | $5 / 5$ | $2 / 1$ | $3 / 3$ | $6 / 6$ | - |
| 3 | $2 / 2$ | $2 / 2$ | $1 / 1$ | $6 / 5$ | $5 / 5$ | - |
| 4 | $3 / 3$ | $3 / 3$ | $2 / 1$ | $5 / 5$ | $4 / 4$ | - |
| 5 | $3 / 3$ | $3 / 3$ | $1 / 1$ | $4 / 4$ | $2 / 2$ | - |
| 6 | $4 / 4$ | $2 / 1$ | $1 / 1$ | $3 / 4$ | $3 / 3$ | - |
| 7 | $3 / 3$ | $1 / 1$ | $2 / 2$ | $5 / 5$ | $4 / 3$ | - |
| 8 | $3 / 3$ | $2 / 2$ | $2 / 3$ | - | - | - |
| 9 | $3 / 3$ | $2 / 2$ | $3 / 3$ | - | - | - |
| 10 | $3 / 4$ | $3 / 3$ | $1 / 2$ | - | - | - |
| Average | $3 / 4$ | $2.6 / 2.5$ | $1.7 / 1.7$ | $4.4 / 4.4$ | $4 / 3.7$ | - |

Table 5 shows that the number of accelerations/decelerations at the BOTA averaged 3/4 in Section 1, 2.6/2.5 in Section 2 and 1.7/1.7 in Section 3. This implies that in Section 1, vehicles are subjected to more accelerations and decelerations than in the other sections. In Section 2 one truck had only one event of acceleration and deceleration (Sample 7). This bobtail truck only required to stop once within the federal compound. The number of events in Section 3 is the lowest. This is a result of the inspection process at the SIF in which trucks that are empty or bobtailing with no apparent safety issues are required to stop only once at the primary inspection booth and are then allowed to leave the compound.

At Zaragoza, the number of acceleration/deceleration events was higher than the ones encountered at BOTA. In Section 1 the average was 4.4/4.4 and Section 2 it was 4/3.7, with some crossings experiencing as much as six events in Sections 1 and 2.

### 3.3 Border Crossing Emissions Profile

## Idling

The main focus of the emissions data collection was on idling because it is anticipated that this is the mode that can most effectively be addressed with possible emissions reduction strategies. The idling data was collected for nine trucks using the following five test modes.

- Air Conditioning Off - Low Idle (600-700 rpm)
- Air Conditioning Off - High Idle ( $\sim 1000 \mathrm{rpm}$ )
- Air Conditioning On - Low Idle (600-700 rpm)
- Air Conditioning On - High Idle ( $\sim 1000 \mathrm{rpm}$ )
- Snap idle test

The first four tests were performed for at least a 15 -minute period. The snap idle tests consisted of five consecutive ramps to full throttle from the idle position for a period of five seconds each.

Table 6 shows engine data for each of the nine trucks tested for idling. The table shows that the ages of the trucks range from 1985 to 1998, covering the bulk of the ages identified during the survey shown in Figure 15. Also, note that the miles accumulated are not necessarily in relation to the age of the trucks, indicating that rebuilding of engines might have occurred. This sample of trucks is not intended to be a statistically significant sample, instead it provides a good indication of the emissions impact of trucks crossing the border.

Table 6. Trucks Tested for Idling Emissions.

| Truck <br> No. | Year | Vehicle <br> Make | Engine Model | Engine <br> Displacement <br> (L) | Miles <br> Accumulated |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 1998 | International | Cummins M11-370E | 10.82 | 712,590 |
| 2 | 1989 | International | Cummins 350 | 14.00 | $1,720,000$ |
| 3 | 1996 | International | Cummins 350 BICAM3 | 14.00 | 151,848 |
| 4 | 1987 | International | Cummins 350 | 14.00 | $1,283,536$ |
| 5 | 1985 | International | Cummins 350 | 14.00 | Unknown |
| 6 | 1996 | Volvo | Cummins M11 | 10.82 | $1,118,896$ |
| 7 | 1994 | International | Detroit Diesel Series 60 | 12.70 | 694,878 |
| 8 | 1992 | Unknown | Cummins L10 | 10.02 | 501,178 |
| 9 | 1998 | Dina | Cummins M11 Plus | 10.82 | $1,088,931$ |

Table 7 shows the tests that were successfully performed for each truck. The table shows that all trucks were tested with their air conditioners off at low idle mode and most of the trucks were subjected to the snap tests, whereas the other tests produced usable results in selected cases due
to the following factors: 1) the trucks did not have air conditioning or functional air conditioning; and 2) the older trucks were not equipped with an idle adjustment to allow idle operation at different speeds. In some cases, the driver was able to hold a specified rpm for the duration of the test with the accelerator pedal.

Table 7. Tests Performed.

| Truck No. | Year | A/C Off - <br> Low Idle | A/C On - <br> Low Idle | A/C Off - <br> High Idle | A/C On - <br> High Idle | Snaps |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 1998 | $\checkmark$ |  |  |  |  |
| 2 | 1989 | $\checkmark$ | $\checkmark$ |  |  | $\checkmark$ |
| 3 | 1996 | $\checkmark$ |  | $\checkmark$ |  | $\checkmark$ |
| 4 | 1987 | $\checkmark$ | $\checkmark$ |  | $\checkmark$ | $\checkmark$ |
| 5 | 1985 | $\checkmark$ |  | $\checkmark$ |  | $\checkmark$ |
| 6 | 1996 | $\checkmark$ | $\checkmark$ |  | $\checkmark$ | $\checkmark$ |
| 7 | 1994 | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| 8 | 1992 | $\checkmark$ |  | $\checkmark$ |  | $\checkmark$ |
| 9 | 1998 | $\checkmark$ | $\checkmark$ |  | $\checkmark$ | $\checkmark$ |

The PEMS equipment was used to collect emissions data for four pollutants - NOx, HC, CO, and PM. In the case of NOx, the PEMS equipment actually measures NO and uses a conversion factor for converting to NOx. The results for these pollutants will be discussed in more detail in the following sections.

## NOx Emissions

Table 8 shows the average mass rate (grams per hour [g/hr]) for NOx for each test. Additionally, "A/C Off - Low Idle" is used as the baseline for comparing the other three tests. Table 8 shows the percent difference between the baseline test and the three remaining idle tests for each of the trucks. The table shows that there is no clear correlation between the age of the trucks and the NOx emissions rates. There is also no clear correlation between the miles accumulated and the NOx emissions rates. In addition, the NOx rates seem to increase with additional engine load due to the use of the air conditioner and higher idling rates.

Table 8. NOx Mass Rate (g/hr) and Percent Difference vs. A/C Off - Low Idle.

| $\begin{aligned} & \hline \text { Truck } \\ & \text { No. } \\ & \hline \end{aligned}$ | Year | A/C Off - Low <br> Idle (baseline) | $\begin{gathered} \hline \text { A/C On - Low } \\ \text { Idle } \end{gathered}$ | $\begin{gathered} \hline \text { A/C Off - High } \\ \text { Idle } \end{gathered}$ | $\begin{gathered} \text { A/C On - High } \\ \text { Idle } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 1998 | 46 | - | - | - |
| 2 | 1989 | 20 | 30 (50\%) | - | - |
| 3 | 1996 | 42 | - | 78 (84\%) | - |
| 4 | 1987 | 20 | 14 (-33\%) | - | 27 (33\%) |
| 5 | 1985 | 44 | - | 78 (77\%) | - |
| 6 | 1996 | 67 | 95 (42\%) | - | 114 (70\%) |
| 7 | 1994 | 101 | 149 (48\%) | 203 (101\%) | 263 (161\%) |
| 8 | 1992 | 62 | - | 207 (234\%) | - |
| 9 | 1998 | 53 | 86 (62\%) | - | 98 (85\%) |
| Average \% Difference vs. baseline |  |  | 43\% | 127\% | 108\% |

Figure 20 shows the accumulated NOx emissions for the various trucks under the various idling modes. Note that EPA's current guidance on extended idling emissions for Class 8 trucks is 135 $\mathrm{g} / \mathrm{hr}(9)$. Figure 20 shows that the EPA recommended $135 \mathrm{~g} / \mathrm{hr}$ is only exceeded by Trucks 7 and 8 and mostly in the high-idle mode. In addition, the range of NOx emissions shown in Figure 20 are also in line (even slightly lower) than results of previous studies that showed a range of 50 to $350 \mathrm{~g} / \mathrm{hr}$ for more than 40 trucks that were tested under various idling modes (10, 11).


Figure 20. NOx Simulated 1-hour Mass Accumulation (g).

Figure 21 shows the NOx emissions results for the various snap tests. The data is shown for a five-second period for eight of the nine trucks. The figure shows that there is consistency in emissions between individual snaps for the specific trucks. Truck 7, which had the highest idling emissions, had the highest snap emissions. Note that the snap NOx emissions range from approximately 100 to $660 \mathrm{~g} / \mathrm{hr}$.


Figure 21. NOx Snap Tests.

HC Emissions
Table 9 shows the average mass rate ( $\mathrm{g} / \mathrm{hr)}$ for HC for each test. This table shows that the truck with the highest miles accumulated (Truck 2) produced the highest HC emissions. This table also shows that the HC rates do not show any clear patterns between the different modes of idling.

Table 9. HC Mass Rate ( $\mathrm{g} / \mathrm{hr}$ ) and Percent Difference vs. A/C Off - Low Idle.

| Truck <br> No. | Year | A/C Off - Low <br> Idle (baseline) | A/C On - Low <br> Idle | A/C Off - High <br> Idle | A/C On - High <br> Idle |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 1998 | 5 | - | - | - |
| 2 | 1989 | 42 | $30(-28 \%)$ | - | - |
| 3 | 1996 | 27 | - | $20(-25 \%)$ | - |
| 4 | 1987 | 22 | $2(-92 \%)$ | - | $5(-77 \%)$ |
| 5 | 1985 | 15 | - | $19(22 \%)$ | - |
| 6 | 1996 | 12 | $5(-58 \%)$ | - | $12(0 \%)$ |
| 7 | 1994 | 8 | $5(-43 \%)$ | $6(-29 \%)$ | $8(0 \%)$ |
| 8 | 1992 | 7 | - | $8(14 \%)$ | - |
| 9 | 1998 | 6 | $9(50 \%)$ | - | $8(33 \%)$ |
| Average $\%$ Difference vs. baseline |  | $-44 \%$ | $-8 \%$ | $-31 \%$ |  |

Figure 22 shows the accumulated HC emissions for the various trucks under the various idling modes.


Figure 22. HC Simulated 1-hour Mass Accumulation (g).

Figure 23 shows the HC emissions results for the various snap tests. This figure shows that there is some consistency in emissions for the specific trucks between individual snaps. Truck 2, which had the highest idling emissions, had the highest snap emissions. Also note that the snap HC emissions range from approximately 20 to $230 \mathrm{~g} / \mathrm{hr}$.


Figure 23. HC Snap Tests.

## CO Emissions

Table 10 shows the average mass rate $(\mathrm{g} / \mathrm{hr})$ for CO for each test. This table shows that there is no clear correlation between the age of the trucks and the CO emissions rates. The table also shows that the CO rate tends to increase with the higher engine loads due to the application of the air conditioner and higher idling rates.

Table 10. CO Mass Rate (g/hr) and Percent Difference vs. Baseline.

| Truck <br> No. | Year | A/C Off - Low <br> Idle (baseline) | A/C On - Low <br> Idle | A/C Off - High <br> Idle | A/C On - High <br> Idle |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 1998 | 8 | - | - | - |
| 2 | 1989 | 112 | $58(-48 \%)$ | - | - |
| 3 | 1996 | 56 | - | $59(6 \%)$ | - |
| 4 | 1987 | 25 | $7(-73 \%)$ | - | $3(-87 \%)$ |
| 5 | 1985 | 25 | - | $29(13 \%)$ | - |
| 6 | 1996 | 13 | $19(46 \%)$ | - | $42(223 \%)$ |
| 7 | 1994 | 26 | $21(-22 \%)$ | $58(122 \%)$ | $61(130 \%)$ |
| 8 | 1992 | 9 | - | $21(133 \%)$ | - |
| 9 | 1998 | 10 | $12(20 \%)$ | - | $23(130 \%)$ |
| Average \% Difference vs. baseline |  | $-38 \%$ | $44 \%$ | $73 \%$ |  |

Figure 24 shows the accumulated CO emissions for the various trucks under the various idling modes.


Figure 24. CO Simulated 1-hour Mass Accumulation (g).

Figure 25 shows the CO emissions results for the various snap tests. This figure shows that there is little consistency in emissions for the specific trucks between individual snaps. Truck 4, the second oldest truck and had the second highest miles accumulated, had the highest snap emissions, which occurred during the first snap. No clear pattern could be identified during the subsequent snaps. Additionally, note that the snap CO emissions show a very wide range.


Figure 25. CO Snap Tests.

## PM Comparison between PEMS and TEOM

As mentioned previously, the measurement of diesel PM is challenging and most portable emissions measurement devices do not measure PM. To measure the diesel PM, ORNL used a microdilution tunnel fed by compressed, HEPA-filtered ambient air, based on a University of Minnesota design (12). A TEOM, as well as a 70 mm gravimetric filter (Pallflex TX40 media) sampler were used to collect PM data. The TEOM data was compared with the PEMS measurement to determine if it was possible to relate the optical light scattering measurement to concentration.

For the PEMS, the "Percent Full Scale" (FS) value was used. The FS values measured in the PEMS uses a method of laser light scattering to estimate the PM in the sample, and ranges from $0 \%$ to $100 \%$. For the TEOM data, an overall concentration for each steady-state point was determined. The TEOM data consistently showed a linear increase in mass with time, so a linear regression of the accumulated mass versus time was used to calculate an average mass rate for each steady-state point. By dividing by the TEOM flow rate and correcting for dilution, an average exhaust mass concentration could be calculated. By comparing these values to the
optical scattering values from the PEMS, a simple model could be constructed to relate the percent of full-scale scattering values to exhaust concentration. If the relationship is strong, it can be used to determine mass emissions rates during driving with the PEMS, especially at low loads. It was found that the PEMS unit failed to correctly measure FS values for trucks 7, 8, and 9. This was because the sensor used to measure optical scattering began to fail, and the unit began to give a constant FS value, regardless of the truck and testing condition. These trucks were removed from the correlation test to improve the quality of the model.

The linear regression model applied to these two methods of PM measurement was found to indicate a correlation between the two, with an $\mathrm{R}^{2}$ value of approximately 0.8 . Figure 26 shows a plot of the sampled values and regression line. Equations 1 and 2 show the regression functions.

$$
\begin{equation*}
\mathrm{FS}=0.1503 \text { [TEOM] } \tag{1}
\end{equation*}
$$

or

$$
\begin{equation*}
\mathrm{TEOM}=6.653[\mathrm{FS}] \tag{2}
\end{equation*}
$$

Where:
FS = Percentage full scale measured with PEMS equipment; and $\mathrm{TEOM}=\mathrm{PM}$ concentration from the $\mathrm{TEOM}\left(\mathrm{mg} / \mathrm{m}^{3}\right)$.


Figure 26. Plot of Sample PM Measurements.

## PM Emissions

Table 11 shows the average mass rate ( $\mathrm{g} / \mathrm{hr}$ ) for PM for each test. The mass rate was determined by calculating using Equation 1 to convert FS to the TEOM mass rate. This table shows that there is no clear correlation between the age of the trucks and the PM emissions rates. The table also shows that the PM rate tends to increase with the higher engine loads.

Table 11. PM Mass Rate ( $\mathrm{g} / \mathrm{hr}$ ) and Percent Difference vs. Baseline.

| Truck <br> No. | Year | A/C Off - Low <br> Idle (baseline) | A/C On - Low <br> Idle | A/C Off - High <br> Idle | A/C On - High <br> Idle |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 1998 | 0.66 | - | - | - |
| 2 | 1989 | 1.05 | $0.83(-21 \%)$ | - | - |
| 3 | 1996 | 1.21 | - | $2.33(93 \%)$ | - |
| 4 | 1987 | 0.79 | $0.84(6 \%)$ | - | $1.27(61 \%)$ |
| 5 | 1985 | 1.65 | - | $3.33(102 \%)$ | - |
| 6 | 1996 | 1.40 | $1.36(-3 \%)$ | - | $1.71(22 \%)$ |
| Average \% Difference vs. baseline |  | $-6 \%$ | $98 \%$ | $36 \%$ |  |

Figure 27 shows the accumulated PM emissions for the various trucks under the various idling modes. This figure shows that the PM rate ranges from 0.7 to $3.3 \mathrm{~g} / \mathrm{hr}$. This rate, based on the TEOM, is typically $30 \%$ to $40 \%$ lower than what could be measured with a pure filter-based method. The range is also similar to previous studies such as the DOE-EPA idling study performed in Aberdeen, MD that produced a very similar range of values. It can, therefore, be concluded that the trucks from Mexico sampled in El Paso do not have higher PM rates than U.S. trucks tested in Aberdeen (13).


Figure 27. PM Simulated 1-hour Mass Accumulation (g).

Figure 28 shows the PM emissions results for the various snap tests. This figure shows that there is little consistency in emissions for the specific trucks between individual snaps. Truck 4, the second oldest truck with the second highest miles accumulated, had the highest snap emissions, which occurred during its first snap. No clear pattern could be identified during the subsequent snaps. Additionally, note that the snap PM emissions ranged from approximately $50 \mathrm{~g} / \mathrm{hr}$ to more than $400 \mathrm{~g} / \mathrm{hr}$.


Figure 28. PM Snap Tests.

## Total Idling Emissions

Idling and creep idling times could be combined with idling emissions rates to estimate the total idling emissions for trucks crossing the two bridges. To improve the accuracy of the calculation, the analysis was performed for peak and off-peak periods as well as the FAST and non-FAST lanes. In addition, emissions rates were determined for both the Class 8 trucks as well as the Class 5 tucks.

Table 12 shows the emission rates used in this analysis. The rates for Class 8 trucks were based on the PEMS and TEOM tests performed during this study whereas the rates for the Class 5 trucks were determined from data produced in a previous study that used the same PEMS units. The rates used for normal idling was based on the rates observed during low idling ( $600-700$ rpm ) and the rates for creep idling was based on the rates observed during high idling rates (1,000 rpm).

Table 12. Emissions Rates for Idling and Creep Idling.

| Truck Type | Idling <br> mode | NOx <br> $(\mathbf{g} / \mathbf{h r})$ | HC <br> $(\mathbf{g} / \mathbf{h r})$ | CO <br> $(\mathbf{g} / \mathbf{h r})$ | PM <br> $(\mathbf{g} / \mathbf{h r})$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| HDDV 8 | Normal | 72.29 | 8.96 | 19.56 | 1.06 |
|  | Creep | 105.16 | 11.04 | 54.59 | 1.53 |
| HDDV 6 | Normal | 54.85 | 15.05 | 48.44 | 0.65 |
|  | Creep | 94.32 | 12.92 | 32.44 | 0.81 |

Table 13 shows the average normal idling and creep idling times as well as the volumes for the two bridges during the various travel modes. It should be noted that adjustments were made to the travel times of trucks that were selected for secondary inspections. Only about $1 \%$ of the trucks crossing the two bridges are called for lengthy secondary inspections. Adjustments were, therefore, made to the observed travel times to incorporate this proportion. These adjustments are shown by asterisks in Table 13.

Table 13. Idling, Creep Idling, and Volumes Per Travel Mode.

| Travel <br> Mode | BOTA |  |  | Zaragoza |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Volume <br> (veh/day) | Normal <br> idle time <br> (min) | Creep idle <br> time (min) | Volume <br> (veh/day) | Normal <br> idle time <br> (min) | Creep idle <br> time (min) |
| Off- <br> peak/FAST | 90 | 4.1 | 4.2 | 89 | 7.1 | 2.3 |
| Off- <br> peak/Non- <br> FAST | 420 | 16.5 | 3.7 | 432 | $33.9^{*}$ | 5.1 |
| Peak/FAST | 140 | 8.5 | 3.2 | 141 | 20.8 | 1.7 |
| Peak/Non- <br> FAST | 651 | $9.5^{*}$ | 5.2 | 683 | $11.4^{*}$ | $2.4^{*}$ |

* These values are adjusted by providing different weights because only $1 \%$ of the cases represent extensively long crossing times.

Table 14 shows the daily, weekly, monthly, and yearly emissions due to idling and creep idling for the two bridges. It may be seen in Table 14 that the total emissions for Zaragoza is slightly higher than that for BOTA. The reason is because the travel time for Zaragoza is slightly longer. In addition, it may be noticed that the annual emissions are not particularly high as compared with the total on-road mobile source emissions for the El Paso region (less than 1\%). However, it should be noted that the approximately 24 tons of NOx and 0.3 tons of PM emissions at the two bridges can be significant for an area such as El Paso wanting to stay in attainment for ozone and PM. In addition, it should be noted that these emissions are generated in a very small geographic area (two border bridges), resulting in high concentrations of pollutant emissions in these areas.

Table 14. Total Emissions Due to Idling and Creep Idling.

| Period | BOTA |  |  |  |  | Zaragoza |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | NOx | HC | CO | PM | NOx | HC | CO | PM |  |  |
| Daily (kg/day) | 27.2 | 3.4 | 10.6 | 0.4 | 38.0 | 5.0 | 13.6 | 0.5 |  |  |
| Weekly (kg/week) | 190.6 | 24.1 | 74.1 | 2.7 | 265.7 | 34.9 | 95.2 | 3.8 |  |  |
| Monthly <br> (kg/month) | 817.0 | 103.2 | 317.7 | 11.6 | 1138.9 | 149.4 | 407.9 | 16.3 |  |  |
| Yearly (ton/year) | 9.9 | 1.3 | 3.9 | 0.1 | 13.9 | 1.8 | 5.0 | 0.2 |  |  |

## Crossing Data

In addition to developing idling emissions rates, the research team also investigated the feasibility of collecting truck emissions during actual crossings from Mexico into the U.S. As described earlier, several teams were deployed to handle the logistics of this complicated task.

A team was stationed on the Mexican side to install the PEMS and GPS equipment on a truck selected from the pre-determined sample. For security reasons members of the study team were not given permission by U.S. Customs to accompany the PEMS unit during a trip across the border. However, the truck driver was in radio contact with his distribution manager and when the truck reached the Mexican Customs the driver would notify the manager about its progress. This message would be conveyed to members of the study team who would phone the appropriate U.S. Customs official informing him that a truck with a certain description is carrying a PEMS unit and is about to enter the U.S. federal compound. After the truck passed through all the inspections, another team would meet the truck at either the County Coliseum or the DPS facility at Zaragoza bridge (depending whether the truck crossed at BOTA or Zaragoza) and take both the PEMS and GPS units off the truck. A member of the team would then transport the units back into Mexico to install the units in the next truck.

The study team found that this process was workable, but due to the extremely sensitive nature of the fairly new technology, numerous challenges were encountered. PEMS technology in general is an emerging science and will experience some growing pains before it can be considered fully robust. The fact that no technician was allowed to accompany the equipment resulted in several cases where data was lost due to loss of power or other causes. For example, the extremely hot temperature in El Paso during the end of June, 2005 (sometimes in excess of 105 degrees Fahrenheit) caused the equipment to regularly overheat resulting in data losses. In addition, power losses were caused due to the equipment bouncing around.

Regardless, the study team was still able to collect data for five crossings. For illustration purposes, Figure 29 shows the NOx emissions and speeds for three crossings at BOTA. These plots show that there is some correlation between speed and NOx emissions and that NOx emissions rise considerably with an increase in speed. In addition, the plots show that there is a clear pattern between the different speed profiles, illustrating the importance of developing generic drive cycles that can be used to develop emissions estimation.


Figure 29. Speed and NOx Emissions for Three Crossings.

## 4. Conclusions

### 4.1 Fleet Profiles

Based on the information that was collected during the study, the following conclusion could be drawn from developing a fleet profile of trucks crossing the El Paso-Ciudad Juarez border location.

## Majority of Trucks Class 8

From the approximately 1,800 trucks that were surveyed on a typical day crossing from Mexico into El Paso at both the BOTA and Zaragoza bridges, $89 \%$ were found to Class 8 (tractor-trailer) trucks with $11 \%$ being the smaller Class 5 trucks.

## Fleet Age

There were 25 different model years (stretching from 1980 to 2005) found during the survey. It was found that more than $20 \%$ of the vehicles are more than 15 years old. Three quarters of the total surveyed fleet includes models from 1991 through 2002. Very few long-haul trucks were found in the sample. This is probably due to the long and unreliable crossing times at this border.

## Abundance of Small Drayage Carriers

Over 200 different carriers were detected during the survey, although only 16 make up $50 \%$ of the total trips.

## Crossing Congestion at Peak Periods

BOTA and Zaragoza bridges have their unique peaking characteristics when severe traffic congestion occurs. The non-toll BOTA Bridge is used to relocate empty drayage trucks in the early hours of the day, and to cross laden trucks transporting the morning's production from around 2:30 p.m. to approximately 5:30 p.m., when the bridge closes. Zaragoza has two periods of high congestions-from the opening hour at 8:00 a.m. until around 11:00 a.m., and between 6:00 p.m. and 8:00 p.m.

### 4.2 Travel Profile

Travel profiles were analyzed by dividing the northbound border crossing process into three sections. The first one stretches from the entrance of the Mexican Customs compound to the U.S. Customs primary inspection booth. (This section includes the international crossing). The second section of the trip is the one that occurs inside the U.S. federal compound and the third section is the one that takes the commercial vehicles through the state Safety Inspection Facility.

## Relative Crossing Times

The average crossing time at the Zaragoza Bridge was longer than that for BOTA. During the first section of the trip, that includes the crossing from Mexico into the U.S., the crossing time is a function of the traffic congestion at the bridge. From the sample, average crossing times at both bridges in this first section of the trip were fairly similar ( 9 and 12 minutes). Crossing through the second section of the trip is a function of number of inspections and congestion at inspection stations. The average crossing time at BOTA for Section 2 was found to be approximately half of that of Zaragoza ( 12 and 22 minutes, respectively). The average crossing time for Section 3 (through the safety inspection area) was relatively low ( 3.5 minutes) for BOTA.

## Longer Periods of Idle and Creep Idle Inside Federal Compound

From the drive cycle samples it was found that vehicles idle or creep idle for more than $60 \%$ of the time during the typical border crossing process ( $50 \%$ in Section 1 and $75 \%$ while inside the federal compound).

## Fairly consistent acceleration and decelerations

The drive cycles could be analyzed to identify the number of accelerations and decelerations during a typical border crossing. It was found that for both BOTA and Zaragoza approximately eight acceleration and eight deceleration events were identified during a typical border crossing. This information is useful in developing generic drive cycles that can be used for emissions estimation.

### 4.3 Emissions Profiles

## Testing protocol

Nine trucks were tested ranging from 1985 to 1998 with between 150,000 and more than 1.7 miles accumulated. The displacement of the engines ranged from 10 liters to 14 liters. These trucks were subjected to four different idling modes including five instances of full throttle idling over a short period of time. PEMS units were used to test NOx, HC, and CO emissions. For measuring PM, both PEMS and TEOM equipment were used.

## NOx Emissions

It was found that there is no clear correlation between the age of the trucks and the NOx emissions rates. There is also no clear correlation between the miles accumulated and the NOx emissions rates. In addition, the NOx rates seem to increase with additional engine load due to the use of the air conditioner and higher idling rates. Only two of the nine trucks had NOx emission rates higher than the $135 \mathrm{~g} / \mathrm{hr}$ guidance by the EPA. The snap NOx emissions ranged from approximately 100 to $660 \mathrm{~g} / \mathrm{hr}$.

HC emissions
It was found that the truck with the highest miles accumulated had the highest HC emissions rate. In addition, the HC rates do not show any clear patterns between the different modes of idling. The snap HC emissions ranged from approximately 20 to $230 \mathrm{~g} / \mathrm{hr}$.

## CO emissions

It was found that there is no clear correlation between the age of the trucks and the CO emissions rates. The CO rates tend to increase with the higher engine loads due to the application of the air conditioner and higher idling rates. The snap CO emissions showed a very wide range.

## PM Correlation between PEMS and TEOM

An average exhaust mass concentration could be calculated using the TEOM and by comparing these values to the optical light scattering values from the PEMS, a simple regression model could be constructed. The linear regression model applied to these two methods of PM measurement was found to indicate a high degree of correlation between the two, with an $R^{2}$ value of approximately 0.8 . This model could then be used to estimate PM concentrations.

## PM Emissions

It was found that there is no clear correlation between the age of the trucks and the PM emissions rates. The PM rate tends to increase with the higher engine loads. The PM rate ranges from 0.7 to $3.3 \mathrm{~g} / \mathrm{hr}$, which is inline with the results of other studies performed in the U.S. As in the case with NOx, only two trucks exceeded the EPA guidance for PM emissions during long duration idling. The snap PM emissions ranged from approximately $50 \mathrm{~g} / \mathrm{hr}$ to more than $400 \mathrm{~g} / \mathrm{hr}$.

## Total Idling Emissions

It was found that approximately 24 tons on NOx and 0.3 tons of PM are produced on an annual basis by trucks idling at BOTA and Zaragoza bridges. These emissions are not particularly high as compared with the total on-road mobile source emissions for the El Paso region (less than $1 \%$ ). However, it should be noted that these emissions can be significant for an area such as El Paso wanting to stay in attainment for ozone and PM. In addition, it should be noted that these emissions are generated in a very small geographic area (two border bridges), resulting in high concentrations of pollutant emissions in these areas.

## Emissions During Crossings

The study team found that it was possible to collect emissions of a truck during actual crossings through the U.S.-Mexico border. However, due to the extensive coordination effort and the extremely sensitive nature of the fairly new technology, numerous challenges were encountered. PEMS technology in general is an emerging technology and will experience some growing pains before it can be considered fully robust. Regardless, the study team was still able to collect emissions data for five crossings.

## 5. Recommendations

The research team developed and applied a methodology to estimate truck idling emissions at the El Paso-Juarez border locations. This research is a first step in developing a Border Crossing Emissions Measurement Model (BCEMM). The model would be useful in determining and forecasting commercial vehicle emissions at land border crossings. The model would consist of three main components:

1. Fleet Characteristics;
2. Travel Profiles; and
3. Emission Rates.

The first two modules of the BCEMM are crossing specific, while the emissions rates could be developed for a series of commercial vehicles operating under various characteristics. The recommended strategy to develop the three modules of the BCEMM includes the following.

## Fleet Characteristics

It was found from the research that the fleet information is challenging to obtain and to maintain. However, various federal and state agencies that operate at the border collect commercial vehicle information. The proposed approach in developing the Fleet Characteristics module of the BCEMM is to work closely with these agencies to develop a database of drayage vehicles that cross regularly from Mexico into the U.S. For example, CBP has information on trucks that are registered with the FAST program. The DPS also collects truck information for safety purposes and is developing a program similar to CBP's FAST to expedite the crossing of certified vehicles. Working with these U.S. agencies and their Mexican counterparts, a detailed database that includes all relevant vehicle information could be developed and maintained as part of the model. Once collected and organized, this information would be useful not only for emissions estimation but also for transportation planning, traffic safety planning, traffic operations, and other applications.

The following is an example of the information required for the Fleet Characteristics module of the BCEMM:

- Carrier;
- license plate;
- truck classification;
- US DOT number;
- TxDOT number;
- make of truck;
- model year;
- fuel type;
- accumulated miles;
- whether engine has been retrofitted or replaced; and
- type of service (long-haul/drayage).


## Travel Profiles

Travel patterns (drive cycles) across the border are very dynamic and vary from crossing to crossing and from time to time. U.S. and Mexican public and private sector stakeholders involved in the international border crossing process are interested in having real-time or close to real-time information on border crossing operations. The FHWA is undertaking a Freight Performance Measurement (FPM) initiative aimed at measuring travel times at major U.S. land border crossings using commercial technologies, such as satellite and global positioning technology that would enable border travel and wait times to be measured more accurately.

Working with FHWA and other agencies in Mexico and the U.S., a system could be developed to collect travel time and travel profile information at major border crossings on a real time basis. With a large enough sample it is possible to develop generic (statistically significant) drive-cycle profiles for each crossing. These profiles could be updated regularly as traffic patterns change due to new inspection practices, seasonal changes in commodity movements, or other conditions that impact the border crossing process.

## Emissions Rates

PEMS was found to be a suitable technology for developing idling emissions rates for Mexican drayage trucks. The use of TEOM in conjunction with the PEMS equipment proved invaluable to develop a fairly accurate PM estimates. It is proposed to continue using PEMS equipment during various idling modes to develop a comprehensive sample of emissions rates for Mexican drayage trucks. It is further proposed to perform some baseline measurements involving TEOM to develop accurate PM estimates. After an adequate sample of idling emissions rates for drayage trucks has been developed, it would be possible to use these rates in conjunction with the fleet characteristics and idling rates from the travel profiles to develop accurate idling emissions for the U.S.-Mexico border locations.

With regard to the remainder of the border crossing drive cycle, it is proposed to perform the tests on either the U.S. or Mexico side at convenient test tracks. PEMS units will be used onboard a large sample of trucks to measure emissions during the various components of the generic drive cycles. These components include acceleration, deceleration, cruising, and idling. It is proposed to use driver-aided software that allows the driver to track, on a laptop computer, a pre-determined drive cycle. The key components of the drive cycle-acceleration, deceleration, cruising, and idling-will be measured during these tests. These basic building blocks can then be extrapolated to represent any of the pre-determined generic drive cycles.

The fleet characteristics, travel profiles, and emissions rates for the components of the drive cycles can be combined to calculate the total emissions from trucks crossing the various border locations. The model will be sensitive to the time-of-day, day-of-week, as well as seasonal differences. In addition, the model will be able to predict changes in emissions due to the implementation of various programs such as the implementation of intelligent transportation systems, FAST program, congestion pricing, additional lanes, EPA's Smartway Program, and retrofit and replacement programs.

A final phase of the BCEMM would be to repeat the process for light-duty vehicles so that the total mobile source emissions can be estimated at border locations.

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## Appendix A: Meeting Summaries

# Mexico Truck Emissions at Major Texas Border Locations 

## Meeting 1: Project Participants Meeting

Date: May 03, 2005<br>Location: EPA Offices, El Paso

Attendance
Maria Sisneros
Norma Duran
Joe Areola
Gonzalo Bravo
Myriam Cruz
Juan Villa
Joe Zietsman
Per telephone:
Paul Bubbosh
Barry Feldman
John Storey
Sam Lewis

EPA Region 6: El Paso
EPA Region 6: El Paso
BECC
BECC
BECC
TTI
TTI

EPA OTAQ: Washington DC
EPA Region 6: Dallas
ORNL
ORNL

## Key points from meeting

- EPA Region 6 has finalized the initial contract to expand the sample size of trucks that TTI would test and to allocate funds for two planned conferences to follow the completion of this project.
- BECC will work with TTI to ensure that this contract can be executed as soon as possible.
- The extension of the contract (to pay for the PM testing to be performed by ORNL) is currently being done. Funding was transferred from OTAQ to Region 6. It is anticipated that this contract amendment should move very swiftly and will be completed before the scheduled testing.
- BECC has a copy of the changed of scope and will be ready to execute the contract with ORNL once the money is allocated from Region 6.
- A combined stakeholder meeting is planned for Friday, June 24. This will involve key participants in the testing to ensure everybody is "on the same page" with regard to the testing. Potential stakeholders include - EPA, TTI, ORNL, TxDOT, US Customs, Mexican Customs, DPS, Fleet owners, TCEQ, El Paso MPO, and City of El Paso. TTI will work with EPA El Paso and BECC to identify the stakeholders and to setup the logistics for this meeting.
- The actual emission testing will take place from Monday, June 27 to Friday, July 1.
- It is anticipated that three PEMS units will be used (one for each bridge and one at a stationary location working with the PM equipment).
- OTAQ will accept the PM measurements performed by the ORNL team.
- A press release should be sent out to inform the local community and stakeholders about the project and the upcoming testing. TTI will draft the press release and work with Barry and Paul to have it finalized.
- TTI is looking for a suitable site on the US side to perform the PM and stationary PEMS testing. TTI will work with fleet owners and other stakeholders to identify the facility.
- TTI has contracted with the University of Juarez to collect truck fleet information at BOTA and Zaragoza bridges. This data collection effort is taking place between May 03 and May 06.
- Gonzalo Bravo provided TTI with contact names of Mexican stakeholders. He also offered to setup meetings with these stakeholders from May 3 to May 6.


## Meeting 2: Verify Truck Survey Status with Universidad Autonoma de Ciudad Juarez

Date: May 04, 2005<br>Location: Bridge of the Americas, Ciudad Juarez

Attendance
Alma Figueroa Universidad Autonoma de Ciudad Juárez
Gerardo Tarin
Juan Villa

Truck Survey project manager
TTI

Key points from meeting

- The survey was initiated as originally planned on Tuesday at 6 am at the Bridge of the Americas
- Mexican Customs Port Director did not allowed the surveying students to be inside the Mexican Federal Compound, therefore, data is being collected at the point of entrance into the Federal Compound.
- Data regarding model and year is not being collected because drivers do not always have that information available or do not know the details.
- Gerardo Tarin mentioned that the University performed a field study and obtained truck age information by range in 1991. TTI will analyze this information.
- Survey results will be processed and delivered to TTI May $12^{\text {th }}, 2005$.
- Alma Figueroa will contact the Mexican Ministry of Transport (SCT) locally to find out if truck age information is available.


# Meeting 3: Meeting with Trucking Firms to Discuss Study Scope and Schedule 

Date: May 05, 2005

Location: Embassy Suites Hotel, El Paso

## Attendance

Manuel Sotelo

Sergio A. Lastra
Gonzalo Bravo
Juan Villa

Transportes Sotelo and President of the Ciudad Juarez Trucking Association<br>Free Trade Business Coalition<br>BECC<br>TTI

Joe Zietsman

## Key points from meeting

- Mr. Sotelo is working with the SCT to obtain the truck fleet profile information from the SCT. He mentioned that the information will be ready by May 6, 2005
- Mr. Sotelo offered his truck yards in El Paso and Ciudad Juarez to perform the PM tests.
- The truckers would prefer to have the PM tests performed on Saturdays and Sundays when the border crossings are closed. This will minimize the interference with their normal operation.
- Mr. Sotelo mentioned that he thinks trucking firms will be willing to participate at nocost in the study assuming the interference with their normal operations will be minimized.
- As soon as the truck fleet sample is approved, TTI will develop a detailed PM and PEMS schedule and send it to the trucking companies through Mr. Sotelo.
- Sergio Lastra and Gonzalo Bravo will work with Mexican Customs, through the head of the Free Trade Business Coalition, Mr. Guardiola to obtain permission to use the PEMS equipment during the southbound trips.
- TTI will prepare a Spanish version of the presentation to show to Mexican customs.


## Meeting 4: Obtaining Permission from US Customs

Date: May 05, 2005<br>Location: US Customs Office (BOTA), EI Paso

## Attendance

Barry Millar
Frank Fuentes
Kevin Cleere
Maria Sisneros
Juan Villa
Joe Zietsman

US Customs and Border Protection, Assistant Port Director
US Customs and Border Protection
US Customs and Border Protection
EPA Region 6: El Paso
TTI
TTI

## Key points from meeting

- The study was briefly described to the US Customs officials. They were also briefed on the approximate crossing frequency with PEMS units.
- The PEMS equipment was described to the Customs officials using photos and a brochure from CATI.
- Misters Millar, Fuentes, and Kevin Cleere indicated that they had no problem with the equipment crossing the border as described.
- Mr. Fuentes indicated that he would appreciate it if one of his staff members can be informed when a truck is about to cross with the PEMS equipment. The truck's registration number and approximate crossing time will be phoned in to this official. Mr. Fuentes will provide TTI with the appropriate phone numbers.
- TTI left two brochures of the CATI equipment. One brochure will be kept by Mr. Fuentes who is in charge of the BOTA Bridge. He undertook to brief his counterpart at the Zaragoza Bridge - Mr. Lopez and to also give him a brochure.
- TTI undertook to take the unit to US Customs the Friday before testing so that the key officials can inspect the equipment.
- The study team is allowed to take pictures of the trucks equipped with the PEMS units. They may, however, not take any pictures of the custom officials.


## Meeting 5: Define Conference Stakeholder List

Date: May 05, 2005
Location: Ciudad Juarez

Attendance
Gonzalo Bravo
Juan Villa

## BECC

TTI

## Key points from meeting

- Mr. Bravo has already developed a list of key stakeholders. The list was discussed and it was agreed that Mr. Bravo will coordinate the Mexican stakeholders and TTI the ones in the U.S.
- The initial list of Mexican stakeholders include:
- $\quad$ The City of Ciudad Juarez (Rosario Diaz)
- $\quad$ Transportation Association (Manuel Sotelo)
- $\quad$ Free Trade Business Coalition (Carlos Guardiola)
- SEMARNAP - Mexican EPA- (Sergio Sanchez)
- Ciudad Juarez Strategic Plan (Lucinda Vargas)
- Mexican Transport Institute -IMT-
- Dr. M. Molina, Mexican Nobel Prize laureate
- State of Chihuahua Environmental Department
- $\quad$ SCT- Bridge Operators (CAPUFE)
- Mexican Customs


# Meeting 6: Inform World Trade Center About Study Objectives and Obtain Input 

Date: May 05, 2005
Location: 123 Mills, Suite 200, El Paso

## Attendance

Carolina Vela
Erika Martinez
Juan Villa

World Trade Center El Paso/Juarez<br>World Trade Center El Paso/Juarez<br>TTI

## Key points from meeting

- WTC promotes trade in the El Paso - Ciudad Juarez area.
- WTC has several committees and the logistics committee will be interested in the proposed study. Customs brokers and shippers participate in this committee.
- WTC offered to promote the conferences that the BECC will organize through their website and monthly member news letter.


## Meeting 7: Finalizing Location for Stationary PM Testing

Date: May 05, 2005
Location: El Paso County Coliseum, El Paso

## Attendance

Corey Heon
2 maintenance workers
Joe Zietsman

Coliseum: VP of Operations
Coliseum
TTI

## Key points from meeting

- The purpose of the study and the needs regarding a location to perform the stationary testing was explained to the employees of the Coliseum.
- The Coliseum is very conveniently located in El Paso within half a mile from the BOTA border location.
- The group toured the facilities and it was clear that it complies with the needs for the stationary testing.
- The Coliseum will provide the study team with a large open roofed area located next to the rodeo stadium.
- The fenced-in facility has a gate which is kept open on a 24 -hour basis. There is a booth where a guard is placed on a 24 -hour basis.
- The Coliseum will provide a secure location where equipment can be locked up overnight.
- The whole area is paved and dust as a result of driving will, therefore, not be a concern.
- The roofed area has lighting and sufficient power with several (115V/20 Amp) circuits.
- The roof is tall enough so that trucks will be able to pull in underneath the roof so that the trucks and the drivers do not get overly hot from the stationary idling. It is totally open on all sides so that there is ample ventilation.
- The Coliseum has a very sturdy metal table that is used as a work-bench. They will lend this table to the study team for the week of the study.
- There are no events scheduled for the week of June 27 - July 1 and the facility is available.
- The Coliseum will charge a small fee to cover electricity and other expenses.
- They do not have a refrigerator or compressor that they can lend to the team. (A visit to the large Home Depot along I-10 showed that there is a 26 gallon Husky Compressor at 6.5 cfm and a maximum pressure of 150 PSI for a cost of $\$ 259$, whereas the 17 gallon model is $\$ 200$. A 4 cu ft . refrigerator costs $\$ 140$.)
- There is also an air-conditioned temporary office located approximately 30 meters from the roofed area where the testing will be conducted. This office will be made available to the testing team as a place where they can setup their computers, place the refrigerator, and have room to work.
- The Coliseum has a maintenance shop with two maintenance employees. This shop can potentially be helpful to assist the team in performing small emergency repairs of equipment.


## Meeting 8: Inform SEMARNAP and City of Juarez about Study

Date: May 06, 2005
Location: Ciudad Juarez

## Attendance

| Ives Figueroa | City of Ciudad Juarez |
| :--- | :--- |
| Mario Duarte M. | SEMARNAT |
| Gonzalo Bravo | BECC |
| Juan Villa | TTI |

## Key points from meeting

- SEMARNAT is required to issue licenses to trucks that move hazardous materials. Mr. Duarte offered to obtain the local database and will share it with the study members.
- In case that the trucker association can not obtain the truck database from the SCT, SEMRNAP, at the federal level will contact SCT to try to obtain the information emphasizing the importance of the study
- Gonzalo Bravo and Mario Duarte will coordinate with SCT and SEMRNAP to obtain the truck fleet information.
- The City of Ciudad Juarez is very interested in the study results and would like to perform a similar analysis for private vehicles operating in the region.

Appendix B: Fleet Data

| BRIDGE | HOUR | $\begin{aligned} & \text { VEH. } \\ & \text { TYPE } \end{aligned}$ | LOADED | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{aligned} & \text { FAST/ } \\ & \mathrm{NF} \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B | 6:26:00 | T3S2 |  |  |  |  |  |  |  |  |  |  |
| B | 6:26:00 | T3S2 | E |  |  |  | CHEVROLET |  |  |  |  |  |
| B | 6:28:00 | T3S2 | L | Sotelo |  | L56 | INTERNATIONAL |  | D |  |  |  |
| B | 6:30:00 | T3S2 | L | SILT | 186SP1 | $689929 Z$ | INTERNATIONAL | 1988 | D | 827234 |  |  |
| B | 6:30:00 | T3S2 | E | SILT |  |  |  |  |  |  |  |  |
| B | 6:30:00 | T3S2 | E | STIL |  | 712293 |  |  |  |  |  |  |
| B | 6:30:00 | T3S2 | E | TPN |  | 164 |  |  |  |  |  |  |
| B | 6:31:00 | T3S2 | E | STIL |  |  |  |  |  |  |  |  |
| B | 6:31:00 | T3S2 | E | STIL |  |  |  |  |  |  |  |  |
| B | 6:33:00 | T3S2 | E | AGUILA |  |  | INTERNATIONAL |  |  |  |  |  |
| B | 6:35:00 | SU2 | L | NAD DE MEXICO | DN04086 | 77A108Z | CHEVROLET | 2001 | G | 141828 |  | N |
| B | 6:35:00 | T3S2 | E | Sotelo |  |  | GMC |  |  |  |  |  |
| B | 6:37:00 | T3S2 | L | ARRSA | 655EM7 | 6389112 | FREIGHTLINER | 1996 | D | 477517 |  | N |
| B | 6:38:00 | T3S2 | E | STIL |  | 712295 |  |  |  |  |  |  |
| B | 6:39:00 | T3S2 | E | TRANS MACK |  | 28 | FREIGHTLINER |  |  |  |  |  |
| B | 6:40:00 | T3S2 | E | DIAZ | 294SP1 | 774355 | INTERNATIONAL | 1992 | D | 771 |  |  |
| B | 6:42:00 | T3S2 | L | RECICLADORES LG |  | 805871 Z | FREIGHTLINER | 1991 | D |  |  |  |
| B | 6:42:00 | T3S2 | E | STIL |  |  |  |  |  |  |  |  |
| B | 6:43:00 | T3S2 | E | STIL |  |  |  |  |  |  |  |  |
| B | 6:43:00 | T3S2 | E | STIL |  |  |  |  |  |  |  |  |
| B | 6:44:00 | T3S2 | E | STIL |  |  |  |  |  |  |  |  |
| B | 6:45:00 | T3S2 | L | ARRSA | 814EM7 | 6389112 | FREIGHTLINER | 1993 |  |  |  |  |
| B | 6:45:00 | T3S2 | E | BOUCHE |  |  |  |  |  |  |  |  |
| B | 6:47:00 | T3S2 | E | TPN | 228EM3 | $880805 Z$ | INTERNATIONAL | 1994 |  |  |  |  |
| B | 6:48:00 | T3S2 | E | Sotelo |  |  |  |  |  |  |  |  |
| B | 6:48:00 | T3S2 | E | STIL |  | 0557341Z |  |  |  |  |  |  |
| B | 6:50:00 | T3S2 | E | TPN | 867SN9 | $880805 Z$ | INTERNATIONAL | 1992 |  |  |  |  |
| B | 6:51:00 | T3 | E | TPN | 870SN9 | $880805 Z$ | INTERNATIONAL |  |  |  |  |  |
| B | 6:51:00 | T3 | E | STIL |  |  | INTERNATIONAL |  |  |  |  |  |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{gathered} \hline \text { FAST/ } \\ \text { NF } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B | 6:53:00 | T3 | E | DELFINES | 256SP1 | $683624 Z$ | INTERNATIONAL |  |  |  |  |  |
| B | 6:54:00 | T3S2 | E | SOTELO | 721SP1 |  | INTERNATIONAL | 1987 | D |  |  |  |
| B | 6:54:00 | T3 | E | STIL |  |  |  |  |  |  |  |  |
| B | 6:55:00 | T3 | E | TRANSISA | 698SCA | 698 |  |  |  |  |  |  |
| B | 6:55:00 | T3S2 | E | AGUILA |  |  |  |  |  |  |  |  |
| B | 6:57:00 | T3 | E | STIL | 605FA7 | 557341 | FREIGHTLINER | 1998 |  |  |  |  |
| B | 6:58:00 | SU2 | E | LYRMA |  |  |  |  |  |  |  |  |
| B | 6:59:00 | T3 | E | TPN | 750SP1 | $880805 Z$ |  |  |  |  |  |  |
| B | 6:59:00 | T3 | E | DEL ANGEL |  |  |  |  |  |  |  |  |
| B | 6:59:00 | T3 | E | STIL |  | 294 |  |  |  |  |  |  |
| B | 6:59:00 | T3 | E | VARGAS |  |  |  |  |  |  |  |  |
| B | 7:01:00 | T3 | E |  |  |  |  |  |  |  |  |  |
| B | 7:01:00 | T3 | E | REYNA |  |  |  |  |  |  |  |  |
| B | 7:04:00 | T3S2 | E | PREMIER | 61ZSN9 | 109167ZZ |  |  |  |  |  |  |
| B | 7:04:00 | T3S2 | E | DEHESA | Z13SPL | $677106 Z$ | INTERNATIONAL |  |  |  |  |  |
| B | 7:05:00 | T3S2 | E | DELFINES |  |  |  |  |  |  |  |  |
| B | 7:05:00 | SU2 | E | LR |  |  |  |  |  |  |  |  |
| B | 7:05:00 | T3S2 | E | VARGAS |  |  | FREIGHTLINER |  |  |  |  |  |
| B | 7:06:00 | T3 | E | SILT |  | 689929 | FREIGHTLINER |  |  |  |  |  |
| B | 7:06:00 | T3 | E | VARGAS |  |  |  |  |  |  |  |  |
| B | 7:07:00 | T3 | E | VARGAS | 648EM3 |  |  |  |  |  |  |  |
| B | 7:08:00 | T3S2 | E | PREMIER |  | 215 |  |  |  |  |  |  |
| B | 7:11:00 | SU2 | E | TPN | Z001157 | 880805Z | GMC |  |  |  |  |  |
| B | 7:12:00 | T3 | E | CAMPOS |  |  |  |  |  |  |  |  |
| B | 7:13:00 | T3S2 | E | AGUILA |  |  |  |  |  |  |  |  |
| B | 7:13:00 | T3S2 | E | ROFRA |  |  |  |  |  |  |  |  |
| B | 7:14:00 | T3S2 | E | STIL | 367SPL |  |  | 1996 |  |  |  |  |
| B | 7:14:00 | T3S2 | E | ROFRA | 750EM3 |  |  |  |  |  |  |  |
| B | 7:14:00 | T3 | E | DEHESA |  |  |  |  |  |  |  |  |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{aligned} & \hline \text { FAST/ } \\ & \mathrm{NF} \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B | 7:16:00 | T3S2 | E | TNCH | 073SP1 | 272 | FREIGHTLINER |  |  |  |  |  |
| B | 7:17:00 | T3S2 | E | STIL | 372SPL |  | FREIGHTLINER | 1996 |  |  |  |  |
| B | 7:17:00 | T3S2 | E | PREMIER | 8010AB |  |  |  |  |  |  |  |
| B | 7:18:00 | T3 | E | LYRMA | 715DZ4 |  | KENWORTH | 2005 |  |  |  |  |
| B | 7:19:00 | T3 | E | STIL | 339SP1 |  |  | 1993 |  |  |  |  |
| B | 7:19:00 | T3 | E | STIL |  | 303 |  |  |  |  |  |  |
| B | 7:19:00 | T3 | E | TNCH |  | 226 |  |  |  |  |  |  |
| B | 7:20:00 | T3 | E | TNCH | 47ISP1 |  |  |  |  |  |  |  |
| B | 7:21:00 | T3 | E | KIKI | 604EM3 |  | FREIGHTLINER |  |  |  |  |  |
| B | 7:21:00 | T3 | E | TNCH |  | 228 |  |  |  |  |  |  |
| B | 7:22:00 | T3 | E | TNCH | 737EM7 |  |  |  |  |  |  |  |
| B | 7:22:00 | T3 | E | TNCH |  | 282 |  |  |  |  |  |  |
| B | 7:23:00 |  | E | VARGAS | 9925N9 | $861806 Z$ | INTERNATIONAL |  |  |  |  |  |
| B | 7:24:00 |  | E | TNCH | 036SP1 |  |  | 1995 |  |  |  |  |
| B | 7:25:00 | SU2 | E | TORRES | 286SNL | 557177 |  |  |  |  |  |  |
| B | 7:26:00 | SU2 | E | TRANS MAQ | 692CA6 | $710383 Z$ | FORD |  |  |  |  |  |
| B | 7:27:00 | T3 | BT | E.P. TRANSP. | 628EM3 | 633056 | INTERNATIONAL | 1992 |  |  |  |  |
| B | 7:27:00 | T3S2 | E | ROFRA | 802EM8 | 1175007Z | KENWORTH |  |  |  |  |  |
| B | 7:28:00 | T3S2 | E | COMERCIAL BEL | 7325N9 | 555092 | INTERNATIONAL |  |  |  |  |  |
| B | 7:29:00 | T3 | E | STIL |  | $830666 Z$ |  |  |  |  |  |  |
| B | 7:30:00 | T3 | BT | GALLARDO |  | $890182 Z$ |  |  |  |  |  |  |
| B | 7:30:00 | SU2 | L | TARAHUMARA | ZUR9860 | 823509 | FORD | 1971 | G |  |  |  |
| B | 7:30:00 | T3 | BT | TRANSVAR |  |  |  |  |  |  |  |  |
| B | 7:31:00 | T3S2 | L | CYR | 210EM3 | 911556Z | KENWORTH | 1998 |  |  |  |  |
| B | 7:32:00 | SU2 | L | TRANS MAQ | 399CA6 | $710383 Z$ | KENWORTH | 1999 | D | 133729 |  |  |
| B | 7:32:00 | T3 | BT | MARQUEZ | 740SN9 |  |  |  |  |  |  |  |
| B | 7:32:00 | T3S2 | L | PDN | 751SP1 | $880835 Z$ | INTERNATIONAL | 1992 | D |  |  |  |
| B | 7:32:00 | T3 | BT | VRP |  |  | INTERNATIONAL |  |  |  |  |  |
| B | 7:33:00 | SU2 | E | DEL NORTE | 3695ZVR | $0634569 Z$ | GMC |  |  |  |  |  |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{gathered} \text { FAST/ } \\ \text { NF } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B | 7:33:00 | T3S2 | L | TPN | 631SN9 | $880835 Z$ | INTERNATIONAL | 1990 | D |  |  |  |
| B | 7:33:00 | T3S2 | L | MARQUEZ | 739SN9 | 825641Z | INTERNATIONAL | 1992 | D |  |  |  |
| B | 7:33:00 | SU2 | E | J. MENA | ZUR9Z58 | 557308 |  |  |  |  |  |  |
| B | 7:33:00 | T3 | BT | STIL |  |  |  |  |  |  |  |  |
| B | 7:34:00 | T3S2 | L | MARQUEZ | 738SN9 | $825641 Z$ | INTERNATIONAL | 1992 | D | 385540 |  |  |
| B | 7:34:00 | T3S2 | E | TRANSVAR |  | 830633 |  |  |  |  |  |  |
| B | 7:35:00 | T3S2 | L | GALLARDO | 974SN9 | $890182 Z$ | PETERBILT | 1993 | D | 820687 |  |  |
| B | 7:35:00 | SU2 | L | MARQUEZ | ZUR9093 | 825641Z | GMC | 1979 |  |  |  |  |
| B | 7:36:00 | T3 | BT | DELFINES | 485EM3 | $683624 Z$ | INTERNATIONAL |  |  |  |  |  |
| B | 7:36:00 | T3S2 | E | TPN | 639SN9 | $880805 Z$ | INTERNATIONAL |  |  |  |  |  |
| B | 7:37:00 | T3 | BT | ETF | 94SN9 |  | INTERNATIONAL |  |  |  |  |  |
| B | 7:38:00 | T3S2 | E | SOTELO | 746EM7 |  | VOLVO | 1996 |  |  |  |  |
| B | 7:39:00 | SU2 | E | RIO GRANDE | ZUR9745 |  |  |  |  |  |  |  |
| B | 7:39:00 | T3S2 | E | STIL |  |  | INTERNATIONAL |  |  |  |  |  |
| B | 7:40:00 | T3S2 | L | LYRMA | 267CA7 | 650990Z | VOLVO | 2000 | D | 283301 |  |  |
| B | 7:40:00 | T3 | BT | VRP | 849SN9 |  | INTERNATIONAL |  |  |  |  |  |
| B | 7:41:00 | T3S2 | L | AUTOPARTES MENDEZ | 790SN9 |  | FREIGHTLINER |  |  |  |  |  |
| B | 7:41:00 | T3S2 | E | STIL | 982SN9 |  | INTERNATIONAL |  |  |  |  |  |
| B | 7:42:00 | T3S2 | E | CONTRERAS | 490CA7 |  |  |  |  |  |  |  |
| B | 7:42:00 | T3S2 | L | LYRMA | 791CA7 | 650990Z | VOLVO | 2001 | D | 198297 |  |  |
| B | 7:43:00 | T3S2 | L | GALLARDO | 288EM3 | $890182 Z$ | FREIGHTLINER | 1996 | D | 743 |  |  |
| B | 7:44:00 | SU2 | E | TORRES | 699SN1 | 557177 | INTERNATIONAL |  |  |  |  |  |
| B | 7:44:00 | T3S2 | L | CYR | 772SN9 | 911556Z | KENWORTH | 1991 | D |  |  |  |
| B | 7:45:00 |  | BT | VRP | 534EM7 | $662058 Z$ | INTERNATIONAL |  |  |  |  |  |
| B | 7:47:00 | T3S2 | E | GRUPO HERNANDEZ | 875SM9 | $1170268 Z$ | INTERNATIONAL | 1990 | D |  |  |  |
| B | 7:50:00 | T3S2 | E | VRP | 119SP1 | $662058 Z$ | INTERNATIONAL | 1985 |  |  |  |  |
| B | 7:50:00 | T3S2 | L | LYRMA | 704CA7 | 650990Z | VOLVO | 2001 | D |  |  |  |
| B | 7:50:00 | SU2 | E | STIL | 883CW8 |  | INTERNATIONAL | 2001 |  |  |  |  |
| B | 7:51:00 | T3S2 | E | DELFINES | 627EM3 | $683624 Z$ | INTERNATIONAL |  |  |  |  |  |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{gathered} \text { FAST/ } \\ \text { NF } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B | 7:51:00 | SU2 | E | STIL | 728DZ4 | 557341Z | INTERNATIONAL | 2004 |  |  |  |  |
| B | 7:51:00 | T3S2 | E | DELFINES | 967EM7 |  |  |  |  |  |  |  |
| B | 7:52:00 | T3S2 | E | STIL | 373SP1 | 557341 | INTERNATIONAL | 1996 |  |  |  |  |
| B | 7:52:00 | SU2 | E | SOTELO | ZUS9973 | 258923Z |  |  |  |  |  |  |
| B | 7:53:00 | T3S2 | L | MENDEZ | 907EM7 | $1218989 Z$ | FREIGHTLINER | 1993 | D |  |  |  |
| B | 7:54:00 | SU2 | E | SERVIFLETES | ZUS8733 |  |  |  | G |  |  |  |
| B | 7:55:00 | T3S2 | E | JORSA | 418EM3 | $1304392 Z$ | VOLVO | 1994 |  |  |  |  |
| B | 7:55:00 | T3S2 | L | TPN | 632SN9 | $880805 Z$ | INTERNATIONAL |  | D | 65740 |  |  |
| B | 7:56:00 | T3 | BT | TORRES | 588SN9 | 557177Z | INTERNATIONAL | 1997 |  |  |  |  |
| B | 7:56:00 | T3S2 | E | VARGAS | 881SP1 | $861806 Z$ | INTERNATIONAL |  |  |  |  |  |
| B | 7:56:00 | T3S2 | L | AGUILA | 960SP1 | $555365 Z$ | INTERNATIONAL | 1993 | D | 8045401 |  |  |
| B | 7:57:00 | T3S2 | E | SOTELO |  | $258923 Z$ |  |  |  |  |  |  |
| B | 7:59:00 | SU2 | E | ECO | 86CA6 | $558117 Z$ |  |  |  |  |  |  |
| B | 7:59:00 | SU2 | E | ECO |  |  |  |  |  |  |  |  |
| B | 7:59:00 | T3 | BT | QUIROZ |  | 0557889Z | FREIGHTLINER |  |  |  |  |  |
| B | 8:00:00 | T3 | BT | STIL | 365SP1 |  | INTERNATIONAL | 1996 |  |  |  |  |
| B | 8:00:00 | T3S2 | E | GRUPO HERNANDEZ |  |  | KENWORTH |  |  |  |  |  |
| B | 8:01:00 | T3S2 | E | SOTELO | 556SN9 | $258923 Z$ | INTERNATIONAL | 1992 |  |  |  |  |
| B | 8:04:00 | T3S2 | E | TNCH | 071SP1 |  | INTERNATIONAL |  |  |  |  |  |
| B | 8:07:00 | T3 | BT | STIL | 784SN9 |  |  | 1997 |  |  |  |  |
| B | 8:10:00 | T3 | BT | ROFRA |  |  |  |  |  |  |  |  |
| B | 8:11:00 | T3S2 | E | RED INT. DE TRANSP. | 609SN9 | 716999 | INTERNATIONAL |  |  |  |  |  |
| B | 8:13:00 | T3S2 | E | SMART | 190SP1 | 676075 | INTERNATIONAL | 1998 | D |  |  |  |
| B | 8:16:00 | T3S2 | E | OTI | 354EM3 | $683428 Z$ | Volvo | 1994 | D | 1018757 | 2005 |  |
| B | 8:17:00 |  | BT | TRANS AC | 618SP1 | $629243 Z$ | INTERNATIONAL |  | D |  |  |  |
| B | 8:20:00 | SU2 | E | TRANSP EP | ZUS7888 | $633056 Z$ | GMC |  | D |  |  |  |
| B | 8:21:00 | T3S2 |  | VRP | 488EM3 | 6620582 | INTERNATIONAL |  | D |  |  |  |
| B | 8:25:00 | T3S2 | E | PADILLA | 844SP1 | $677177 Z$ |  |  | D |  |  |  |
| B | 8:40:00 | T3S2 | L | TPN | 542EM7 | $880805 Z$ | INTERNATIONAL |  | D |  |  |  |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{aligned} & \hline \text { FAST/ } \\ & \mathrm{NF} \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B | 8:42:00 | T3S2 | L | MENDEZ | 886EM7 | $128989 Z$ | INTERNATIONAL | 1992 | D |  |  |  |
| B | 8:43:00 | T3S2 | L | MENDEZ | 675SP1 | 1218989Z | INTERNATIONAL |  |  |  |  |  |
| B | 8:43:00 | T2S1 | L | MARSA | 726EM7 | 66090Z | FORD |  | D |  |  |  |
| B | 8:43:00 | T3 | BT | AGUILA | 812SP1 |  | INTERNATIONAL |  | D |  |  |  |
| B | 8:44:00 | T3S2 | L | AUSA | 110SP1 | 540635C | INTERNATIONAL |  | D |  |  |  |
| B | 8:45:00 | T3 | BT | CONVOY DE MEX | 529EM7 | 555864Z | FREIGHTLINER | 1986 | D | 142716 | 2005 |  |
| B | 8:45:00 | T3S2 | L | AUSA | 953EM7 | 638911Z | FREIGHTLINER |  | D |  |  |  |
| B | 8:45:00 | SU2 | L | TNCH | DN76131 | $681258 Z$ | DODGE |  | D |  |  |  |
| B | 8:46:00 | T3S2 | L | SOTELO | 696SP1 | $258923 Z$ | INTERNATIONAL | 1994 | D | 715427 |  |  |
| B | 8:46:00 | SU2 | L | TRANS MAQ | ZUS1076 | 786840Z | GMC |  | D |  |  |  |
| B | 8:47:00 | T3S2 | L | SILT | 329EM3 | 689929 Z | FREIGHTLINER | 1992 | D | 138205 |  |  |
| B | 8:47:00 | T3S2 | L | CARDENAL EXP | ZUT6417 | 84739 | GMC |  | G |  |  |  |
| B | 8:49:00 | T3S2 | E | LYRMA | 268CA7 | 650990Z | VOLVO | 2000 | D | 215585 | 2005 |  |
| B | 8:50:00 | T3S2 | L | SILT | 167SP1 | $689929 Z$ | INTERNATIONAL | 1989 | D | 102154 |  |  |
| B | 8:50:00 | T3S2 | L | GALLARDO | 383EM3 | $890182 Z$ | KENWORTH |  | D |  |  |  |
| B | 8:51:00 | T3S2 | E | PADILLA | 123SP1 | $677177 Z$ | FREIGHTLINER | 1987 | D | 216082 |  |  |
| B | 8:51:00 | T3S2 | L | PONY EXP | 686SN9 | $1191112 Z$ | INTERNATIONAL | 1984 | D |  |  |  |
| B | 8:52:00 | T3S2 | L | SILT | 173SP1 | 689929 | INTERNATIONAL | 1994 | D | 213324 |  |  |
| B | 8:52:00 | T3S2 | L | TRANS AC | 665SP1 | $629243 Z$ | INTERNATIONAL | 1992 | D | 906011 |  |  |
| B | 8:53:00 | T3S2 | L | GALLARDO | 674CB4 | $890182 Z$ | PETERBILT | 1980 | D |  |  |  |
| B | 8:53:00 | SU2 | E | TRANS AC | ZUR7017 | $629243 Z$ | GMC | 1987 | PG | 1400702 |  |  |
| B | 8:54:00 | T3S2 | L | CONTINENTAL | 669CA7 | 65090Z | INTERNATIONAL | 1993 | D |  |  |  |
| B | 8:54:00 | T3S2 | E | LYRMA | 843SP1 | 677177Z | FREIGHTLINER | 1994 | D | 539257 | 2005 |  |
| B | 8:57:00 | T3 | BT | SETI | 822SN9 | $1190965 Z$ | FREIGHTLINER | 1991 | D |  |  |  |
| B | 9:00:00 | SU2 | L | AGUILA | 871DZ4 | $555365 Z$ | INTERNATIONAL |  | D |  |  |  |
| B | 9:00:00 | SU2 | E | SERVIFLETES | ZUS8732 | 696818 | GMC | 1992 | PG | 222146 |  |  |
| B | 9:01:00 | T3S2 | L | GALLARDO | 289EM3 | $89182 Z$ | INTERNATIONAL |  | D |  |  |  |
| B | 9:02:00 | T3S2 | E | AGUILA | 959SP1 | 55365Z | INTERNATIONAL | 1993 | D | 735058 |  |  |
| B | 9:03:00 | T3S2 | L | TORRES | 596SN9 | $557177 Z$ | INTERNATIONAL | 1991 | D |  |  |  |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{gathered} \text { FAST/ } \\ \text { NF } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B | 9:03:00 | T3 | BT | SETI | 821SN9 | 1190965Z | FREIGHTLINER |  |  |  |  |  |
| B | 9:05:00 | T3S2 | L | LYRMA | 526CA7 | 650990Z | VOLVO | 2001 | D |  |  |  |
| B | 9:06:00 | T3S2 | E | FLETES JUAREZ | 610SP1 | 556599Z | INTERNATIONAL |  |  |  |  |  |
| B | 9:06:00 | T3S2 | L | LYRMA | 846CA7 | 650990Z | VOLVO | 2001 | D |  |  |  |
| B | 9:07:00 | T3S2 | L | LYRMA | 265CA7 | 650990Z | VOLVO | 2000 | D |  |  |  |
| B | 9:08:00 | T3S2 | L | TORRES | 375SN1 | 557177Z | INTERNATIONAL |  | D |  |  |  |
| B | 9:09:00 | T3S2 | L | TNCH | 969SP1 | $711125 Z$ | FREIGHTLINER | 1994 | D | 99843 |  |  |
| B | 9:13:00 | T3S2 | E | AGUILA | 521EM7 | 55365 | INTERNATIONAL | 1987 | D |  |  |  |
| B | 9:17:00 | T3 | BT | TRANSVAR | 058SP1 | $860366 Z$ | INTERNATIONAL | 1993 | D |  |  |  |
| B | 9:20:00 | T3 | BT | TARAHUMARA | 133SP1 | 822640Z | FREIGHTLINER | 1989 | D |  |  |  |
| B | 9:20:00 | T3S2 | L | LYRMA | 529CA6 | 650990Z | FREIGHTLINER |  | D |  |  |  |
| B | 9:20:00 | T3 | BT | SETI | 685EM7 | $1190965 Z$ | KENWORTH | 2000 | D |  |  |  |
| B | 9:21:00 | T3S2 | E | OROZCO | 685SN9 | 558628 | FREIGHTLINER | 1988 | D | 300055 |  |  |
| B | 9:21:00 | T3S2 | L | LYRMA | 850DZ4 | 650990Z | KENWORTH | 2005 | D |  |  |  |
| B | 9:23:00 | T3S2 | E | T. MARTIN | 782SP1 | 113223 | FREIGHTLINER | 1989 | D |  |  |  |
| B | 9:24:00 | T3S2 | L | LYRMA | 154CA7 | 650990Z | VOLVO | 2000 | D |  |  |  |
| B | 9:25:00 | T3S2 | E | EMP. LOS MOLINOS | 906SA7 | $697052 Z$ | VOLVO | 1987 | D |  |  |  |
| B | 9:26:00 | T3S2 | E | TRANSISA | 251SP1 | 890170 | INTERNATIONAL |  |  |  |  |  |
| B | 9:30:00 | T3S2 | L | TRANFER | 865SP1 | 793555 | INTERNATIONAL |  | D | 19031 |  |  |
| B | 9:30:00 | T3 | BT | SETI |  | 1190965 |  |  |  |  |  |  |
| B | 9:30:00 | SU2 | L |  | ZUP4027 | 557314 | CHEVY |  | G |  |  |  |
| B | 9:31:00 | T3S2 | E | SOTELO | 807EM7 | 258923 | INTERNATIONAL | 1995 | D | 150232 |  |  |
| B | 9:31:00 | T3 | BT | LYRMA |  | 786840Z | VOLVO |  |  |  |  |  |
| B | 9:32:00 | T3S2 | L | LYRMA | 844DZ4 | 650990 | FREIGHTLINER | 1998 | D | 354765 |  |  |
| B | 9:33:00 | T3S2 | L | SITSA | 659EM3 | $604862 Z$ | INTERNATIONAL |  | D | 465511 |  |  |
| B | 9:33:00 | SU2 | E | INMOB. CHAVEZ | ZU73370 |  | GMC | 1988 | PG |  |  |  |
| B | 9:34:00 | T3S2 | E | PADILLA | 125SP1 | $677177 Z$ | INTERNATIONAL | 1990 | D | 271466 | 2005 |  |
| B | 9:34:00 | T3S2 | E | PADILLA | 838SP1 | $677177 Z$ | FREIGHTLINER | 1991 | D | 793897 | 2005 |  |
| B | 9:35:00 | T3S2 | L | NORZA | 755SP1 | $1261136 Z$ | INTERNATIONAL |  | D |  |  |  |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{aligned} & \hline \text { FAST/ } \\ & \text { NF } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B | 9:36:00 | T3S2 | L | TORRES | 142SN9 | 557177 | INTERNATIONAL | 1994 | D |  |  |  |
| B | 9:36:00 | T3S2 | L | TPN | 865SN9 | 880805Z | INTERNATIONAL |  | D | 838855 |  |  |
| B | 9:37:00 | T3S2 | E | OROZCO | 082SN9 | 558628 | INTERNATIONAL | 1989 | D |  |  |  |
| B | 9:37:00 | T3S2 | L | STIL | 605FA1 | 55734Z | FREIGHTLINER | 1998 | D | 927923 |  |  |
| B | 9:40:00 | T3S2 | L | AGUILA | 024SP1 | 555365Z | INTERNATIONAL | 1993 | D |  |  |  |
| B | 9:40:00 | T3S2 | L | AGUILA | 805SP1 | 555365Z | INTERNATIONAL |  | D | 7562068 |  |  |
| B | 9:42:00 | T3S2 | E | TRANS Y SERV ESPECIALES | 294EM3 | 822640Z | INTERNATIONAL | 1987 | D |  |  |  |
| B | 9:42:00 | T3S2 | E | OROZCO | 680SN9 | 558628 | INTERNATIONAL | 1990 | D | 7315 |  |  |
| B | 9:42:00 | T3S2 | L | SOTELO | 705SP1 | $258923 Z$ | INTERNATIONAL | 1994 | D | 74330 |  |  |
| B | 9:45:00 | T3S2 | L | AGUILA | 022SP1 | $555365 Z$ | INTERNATIONAL | 1993 | D |  |  |  |
| B | 9:45:00 | T3S2 | L | AGUILA | 887SP1 | $555365 Z$ | INTERNATIONAL |  | D |  |  |  |
| B | 9:46:00 | T3S2 | L | TNCH | 061SP1 | 880805Z | INTERNATIONAL | 1995 | D | 84278 |  |  |
| B | 9:46:00 | T3S2 | E | GRUPO HERNANDEZ | 878SN9 | $1170268 Z$ | KENWORTH | 1990 | D | 241133 | 2005 |  |
| B | 9:47:00 | T3S2 | L | TNCH | 033SP1 | $711125 Z$ | INTERNATIONAL |  | D | 89817 |  |  |
| B | 9:48:00 | T3S2 | L | DELFINES | 689M7 | $683624 Z$ | INTERNATIONAL |  | D |  |  |  |
| B | 9:50:00 | T3S2 | L | ALFA | 003EM8 | 604745 | INTERNATIONAL | 1990 | D |  |  |  |
| B | 9:50:00 | T3S2 | L | STIL | 286FA2 | 557341 | FREIGHTLINER | 1997 | D |  |  |  |
| B | 9:51:00 | T3S2 | E | DRAGON | 790SP1 | 6345697 | INTERNATIONAL | 1991 | D | 644755 | 2005 |  |
| B | 9:52:00 | T3S2 | E | SILT | 348EM3 |  |  | 1995 |  |  |  |  |
| B | 9:52:00 | T3S2 | L | TRANS MAQ | 391EM3 | 786840Z | INTERNATIONAL | 1986 | D |  |  |  |
| B | 9:53:00 | T3S2 | L | ARRSA | 725EM7 | 638911Z | FREIGHTLINER | 1990 | D |  |  |  |
| B | 9:53:00 | T3S2 | L | TNCH | 919EM7 | $911125 Z$ | FREIGHTLINER |  | D | 42334 |  |  |
| B | 9:54:00 | T3S2 | L | RIO GRANDE | 579SP1 | 626472 | INTERNATIONAL |  | D |  |  |  |
| B | 9:55:00 | T3 | BT | BALMEXEXPRESS | 109SP1 | 5548602 | INTERNATIONAL | 1990 | D | 1132643 | 2005 |  |
| B | 9:57:00 | T3S2 | L | TNCH | 417SP1 | $71125 Z$ | INTERNATIONAL | 1993 | D | 214885 |  |  |
| B | 9:57:00 | T3S2 | L | LYRMA | 736DZ4 | 6509902 | KENWORTH | 2003 | D |  |  |  |
| B | 9:57:00 | SU2 | E | ENVIMEX | ZUU5650 | $789655 Z$ | GMC | 2002 | PG |  |  |  |
| B | 9:58:00 | T3 | BT | BALMEX EXPRESS | 226SP1 | 554860Z | WHITE GMC | 1993 | D | 9324695 | 2005 |  |
| B | 10:00:00 | T3S2 | L | ROFRA | 826SN9 | $1175007 Z$ | FREIGHTLINER | 1989 | D |  |  |  |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{aligned} & \hline \text { FAST/ } \\ & \text { NF } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B | 10:00:00 | T3S2 | L | TNCH | 914EM7 | $700025 Z$ | FREIGHTLINER | 1996 | D | 180132 |  |  |
| B | 10:00:00 | SU2 | E | RIO GRANDE | ZUR9744 | 62647Z | GMC | 1997 | PG | 162634 |  |  |
| B | 10:02:00 | T3S2 | E | DELFINES | 290SP1 | $683624 Z$ | INTERNATIONAL | 1992 | D |  |  |  |
| B | 10:02:00 | T3S2 | L | TRANS MAQ | 734SN9 | $710383 Z$ | INTERNATIONAL | 1988 | D |  |  |  |
| B | 10:03:00 | T3S2 | L | TNCH | 962SP1 | $71125 Z$ | INTERNATIONAL | 1995 | D |  |  |  |
| B | 10:04:00 | T3S2 | E | RODRIGUEZ | 630EM3 | 1347130Z | FREIGHTLINER | 1989 | D | 170425 | 2005 |  |
| B | 10:04:00 | T3S2 | L | RAMOS | 660SN9 | 624695Z | INTERNATIONAL |  | D |  |  |  |
| B | 10:06:00 | T3 | E | RIO GRANDE | 568SP1 | $62642 Z$ | INTERNATIONAL | 1989 | D | 1042048 | 2005 |  |
| B | 10:07:00 | T3 | BT | TNCH | 739EM7 | $711125 Z$ | FREIGHTLINER | 1999 | D | 647051 | 2005 |  |
| B | 10:10:00 | T3S2 | E | TNCH | 567EM3 | $711125 Z$ | KENWORTH | 2002 | D | 94424 | 2005 |  |
| B | 10:20:00 | T3S2 | L | TRANS Y SERV ESPECIALES | 314EM3 | 822640Z | FREIGHTLINER |  | D |  |  |  |
| B | 10:23:00 | T3S2 | L | SIETE | 647SP1 | 818175 | WHITE | 1994 | D |  |  |  |
| B | 10:24:00 | T3S2 | L | TPN | 867SN9 | 880805Z | INTERNATIONAL | 1992 | D | 98397 |  |  |
| B | 10:25:00 | T3S2 | L | TPN | 228EM3 | 880805Z | INTERNATIONAL | 1994 | D |  |  |  |
| B | 10:25:00 | T3S2 | L | TPN | 870SN9 | 880805Z | INTERNATIONAL |  | D |  |  |  |
| B | 10:26:00 | T3S2 | L |  | ZUS4778 | 556013 | INTERNATIONAL |  | G |  |  |  |
| B | 10:27:00 | SU2 | E | FIQUIN | 528EMN7 | 1214051Z | INTERNATIONAL | 1993 | D | 468608 | 2005 |  |
| B | 10:30:00 | T3S2 | L | LYRMA | 739DZ4 | 650990Z | KENWORTH | 2004 | D | 49019 |  |  |
| B | 10:30:00 | T3S2 | E | ALVELAIS ALARCON | ZUT8502 | $827913 Z$ | FORD | 1996 | G | 153862 |  |  |
| B | 10:30:00 | SU2 | L |  |  | 667492 |  |  | G |  |  |  |
| B | 10:32:00 | T3S2 | E | PADILLA | 122SP1 | 77177Z | INTERNATIONAL | 1993 | D | 159737 | 1998 |  |
| B | 10:32:00 | T3S2 | L | MUÑOZ | 216SP1 | 677502 | KENWORTH |  | D |  |  |  |
| B | 10:33:00 | T3S2 | L | RAMOS | 452SP1 | 624695 | INTERNATIONAL |  | D | 186720 |  |  |
| B | 10:33:00 | T3S2 | L | RIO GRANDE | 590SP1 | 626472 | INTERNATIONAL |  | D |  |  |  |
| B | 10:34:00 | SU2 | E | PADILLA | 124SP1 | 77177Z | INTERNATIONAL | 1994 | D | 379765 | 2005 |  |
| B | 10:34:00 | T3S2 | E | TAFI | ZUT6973 | 1122379Z | GMC | 1997 | G |  |  |  |
| B | 10:35:00 | T3S2 | L | DELFINES | 201SP1 | $683624 Z$ | KENWORTH |  | D |  |  |  |
| B | 10:35:00 | T3S2 | L | CONTRERAS | 488CA7 | 650950Z | KENWORTH |  | D | 147737 |  |  |
| B | 10:35:00 | T3S2 | L | GALLARDO | 675CB4 | 890182 | KENWORTH | 1980 | D |  |  |  |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{aligned} & \hline \text { FAST/ } \\ & \mathbf{N F} \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B | 10:36:00 | T3S2 | E | T. REY | 497SP1 | 776901 | FREIGHTLINER | 1974 | D |  |  |  |
| B | 10:40:00 | T3S2 | L | ANDUJO | 704SN9 | 667366 | INTERNATIONAL | 1992 | D |  |  |  |
| B | 10:40:00 | T3S2 | E | AGUILA | 893SN9 |  | INTERNATIONAL | 1990 | D |  |  |  |
| B | 10:42:00 | T3S2 | L | RIELEROS DEL NORTE | 83890DN | 626971 | KENWORTH |  | D |  |  |  |
| B | 10:43:00 | T3S2 | L | PREMIER | 793DA8 | $1091672 Z$ | INTERNATIONAL | 1986 | D | 3968 |  |  |
| B | 10:44:00 | T3S2 | E | DESIERTO NORTE | 445EM3 |  | INTERNATIONAL | 1987 | D |  |  |  |
| B | 10:45:00 | T3S2 | L | TNCH | 032SP1 | 7111257 | INTERNATIONAL | 1995 | D | 645699 |  |  |
| B | 10:45:00 | T3S3 | E | TAC | 840EM7 | $629243 Z$ | INTERNATIONAL | 1992 | D |  |  |  |
| B | 10:46:00 | T3S2 | L | RAMOS | 498EM3 | $624695 Z$ | INTERNATIONAL |  | D |  |  |  |
| B | 10:46:00 | T3S2 | E | ANGELES AZULES | 757SP1 | 0557540Z |  | 1997 | D |  |  |  |
| B | 10:46:00 | T3S2 | E | REYHER | ZU51035 |  | GMC | 1989 | PG |  | 2005 |  |
| B | 10:47:00 | T3S2 | E | TRASA | 336CA5 | $555266 Z$ | FREIGHTLINER | 1980 | D | 918390 |  |  |
| B | 10:47:00 | T3S2 | L | JOHNSON CONTROLS | DL73493 | 632813 | KENWORTH | 1993 | D | 284620 | NF |  |
| B | 10:50:00 | T3S2 | E | TRANS MAQ | 678EM7 | 786840Z | INTERNATIONAL | 1990 | D |  |  |  |
| B | 10:52:00 | T3S2 | E | RIO GRANDE | 601SP1 | 62647Z | INTERNATIONAL |  |  |  |  |  |
| B | 10:53:00 | T3S2 | E | DRAGON | 510EM3 | 6345697 | INTERNATIONAL |  |  |  |  |  |
| B | 10:54:00 | T3 | BT | RIO GRANDE | 841SN9 |  | INTERNATIONAL |  |  |  |  |  |
| B | 10:57:00 | T3S2 | E | GONZALEZ | 616SN9 | $621647 Z$ | INTERNATIONAL |  |  |  |  |  |
| B | 10:58:00 | T3S2 | E | ANGELES AZULES | 758SP1 | 0557540Z | WHITE GMC | 1990 | D | 960478 | 2005 |  |
| B | 10:58:00 | T3S2 | L | AGUILA | 821SP1 | 55365Z | INTERNATIONAL |  | D |  |  |  |
| B | 10:59:00 | T3 | BT | FLETES RARAMURI | 9485N9 | 0556964Z | INTERNATIONAL | 1989 | D |  |  |  |
| B | 11:00:00 | T3S2 | L | AGUILA | 808SP1 | $555365 Z$ | INTERNATIONAL | 1995 | D |  |  |  |
| B | 11:00:00 | T3S2 | L | SISTS. CONECTION | ZUR3291 | 667492 | GMC | 1997 | G | 151310 |  |  |
| B | 11:02:00 | T3S2 | L | UTCJAC | 792SP1 | 555709 | FREIGHTLINER | 1992 | D | 210806 | NF |  |
| B | 11:04:00 | T3S2 | E | ALANIS | 007SP2 | $555056 Z$ | INTERNATIONAL | 1992 | D | 9678687 | 2005 |  |
| B | 11:05:00 | T3S2 | L | CYR | 210EM3 | 911551 | KENWORTH | 1998 | D |  |  |  |
| B | 11:05:00 | T3S2 | L | TRANS JD | 282SP1 | 6066982 |  |  | D |  |  |  |
| B | 11:05:00 | T3S2 | E | TAC | 670SP1 | $629243 Z$ | FREIGHTLINER | 1995 | D |  |  |  |
| B | 11:05:00 | T3S2 | L | CYR | 762SN9 | 911556Z | KENWORTH |  | D |  |  |  |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{aligned} & \hline \text { FAST/ } \\ & \mathbf{N F} \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B | 11:06:00 | T3S2 | E | TORRES | 553EM7 |  | KENWORTH |  |  |  |  |  |
| B | 11:06:00 | T3S2 | L | LYRMA | 835DZ4 | 650990 | FREIGHTLINER | 1999 | D | 49809 |  |  |
| B | 11:06:00 | T3S2 | L | TPN |  | 880835 | INTERNATIONAL |  | D |  |  |  |
| B | 11:07:00 | T3S2 | L | LYRMA | 842SA7 | 650990 | VOLVO | 2001 | D | 612000 |  |  |
| B | 11:10:00 | T3S2 | L | DRAGON | 798SP1 | $634569 Z$ | INTERNATIONAL |  | D |  |  |  |
| B | 11:12:00 | T3S2 | L | TRANS AC | 667SP1 | $629243 Z$ | INTERNATIONAL | 1995 | D |  |  |  |
| B | 11:12:00 | T3S2 | L | CONTRERAS | ZUT2977 | 650950 | GMC | 1992 | G |  |  |  |
| B | 11:15:00 | T3S2 | E | TORRES | 310EM3 |  |  |  |  |  |  |  |
| B | 11:15:00 | T3S2 | L | VARGAS | 664SP1 | 861801 | INTERNATIONAL | 1993 | D |  | NF |  |
| B | 11:15:00 | T3S2 | L | TRANFER | 866SP1 | 793559 | INTERNATIONAL | 1996 | D | 49189 |  |  |
| B | 11:16:00 | T3S2 | L | LYRMA | 847CA7 | 650990Z | VOLVO | 2001 | D | 566644 |  |  |
| B | 11:16:00 | T3S2 | E | AGUILA |  | $555365 Z$ | INTERNATIONAL |  |  |  |  |  |
| B | 11:16:00 | T3S2 | L | OP MAQUILA DE JRZ | DNZ2945 | 558520 | FORD | 2001 | G | 83156 |  |  |
| B | 11:17:00 | T3S2 | E | ROFRA | 750EM7 |  | 1993 |  |  |  |  |  |
| B | 11:18:00 | SU2 | L | DESIERTO NORTE | 462EM3 |  | INTERNATIONAL |  |  |  |  |  |
| B | 11:18:00 | T3S2 | L | T.J. MENA |  | 557308 | INTERNATIONAL |  |  |  |  |  |
| B | 11:19:00 | T3S2 | L | STIL | 276EM7 | 557341Z | INTERNATIONAL | 1998 | D | 24486 |  |  |
| B | 11:19:00 | T3S2 | L | TPN | 625SN9 | $880805 Z$ | INTERNATIONAL | 1993 | D | 173888 |  |  |
| B | 11:19:00 | T3S2 | L | VARGAS | 994SN9 | 1103957Z | FREIGHTLINER | 1995 | D |  |  |  |
| B | 11:21:00 | T3S2 | E | TRES CASTILLOS | 221SP1 | 50543285 | INTERNATIONAL |  |  |  |  |  |
| B | 11:21:00 | T3S2 | E | STIL | 368SP1 |  | INTERNATIONAL | 1996 |  |  |  |  |
| B | 11:22:00 | T3S2 | L | TORRES | 860SN7 | 557177 | INTERNATIONAL |  | D |  |  |  |
| B | 11:23:00 | T3 | BT | NORZA | 753SP1 | $1261138 Z$ | INTERNATIONAL | 1993 | D |  |  |  |
| B | 11:25:00 | T3 | BT | TORRES | 131SN1 | 517777 | INTERNATIONAL | 1990 | D | 8679422 |  |  |
| B | 11:26:00 | T3S2 | E | TEN | 092AB8 |  | FREIGHTLINER |  |  |  |  |  |
| B | 11:30:00 | T3S2 | L | MENDEZ | 990SN4 | 12189892 | FREIGHTLINER |  | D |  |  |  |
| B | 11:30:00 | T3S2 | L | YOLANDA KUCHLE | ZUS7195 | 12611382 | CHEVROLET |  | G |  |  |  |
| B | 11:32:00 | T3S2 | E | AGUILA | 025SP1 |  |  |  |  |  |  |  |
| B | 11:35:00 | T3S2 | L | TRANS JD | 540EM3 | 6066982 | KENWORTH | 1994 | D | 135100 | NF |  |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{aligned} & \hline \text { FAST/ } \\ & \mathbf{N F} \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B | 11:37:00 | T3S2 | L | PREMIER | 611SN9 | $1191672 Z$ | INTERNATIONAL | 1986 | D | 51886 |  |  |
| B | 11:37:00 | SU2 | E | REYHER | ZUS1040 |  |  |  |  |  |  |  |
| B | 11:38:00 | T3S2 | L | TORRES |  | 557177 | INTERNATIONAL | 1989 | D |  |  |  |
| B | 11:40:00 | T3S2 | L | T. CD. J. CHIH. |  | 1276390Z | INTERNATIONAL | 1986 | D |  |  |  |
| B | 11:43:00 | T3S2 | L | SILT | 335EM3 | $689929 Z$ | INTERNATIONAL | 1995 | D | 21653 |  |  |
| B | 11:44:00 | T3S2 | L | MONARCA | 650CD7 |  | INTERNATIONAL |  |  |  |  |  |
| B | 11:45:00 | T3S2 | L | STIL | 761EM7 | 804800Z | INTERNATIONAL | 1998 | D |  |  |  |
| B | 11:48:00 | T3S2 | L | TPN | DK90306 | 848900Z | FORD | 2001 | G | 157326 |  |  |
| B | 11:48:00 | T3S2 | E | REYNA | 356EM3 | $60428 Z$ | WHITE GMC | 1994 |  |  |  |  |
| B | 11:48:00 | T3S2 | L | TORRES | 587SN9 | $557177 Z$ | INTERNATIONAL |  | D |  |  |  |
| B | 11:52:00 | T3S2 | L | RIO GRANDE | 580SP1 | 626472 | INTERNATIONAL |  | D | 132474 |  |  |
| B | 11:58:00 | T3S2 | E | GALLARDO | 377EM3 |  |  |  |  |  |  |  |
| B | 12:05:00 | T3S2 | L | PADILLA | 250EM3 | 677177 | FREIGHTLINER | 1993 | D | 77986 |  |  |
| B | 12:06:00 | T3S2 | L | SOTELO | 724SP1 | $258923 Z$ | FREIGHTLINER | 1987 | D | 2241379 | N |  |
| B | 12:08:00 | T3S2 | L | MENDEZ | 886EM7 | $1218989 Z$ | INTERNATIONAL | 1992 | D | 615529 | N |  |
| B | 12:10:00 | T3S2 | L | TORRES | 019SN7 | $557177 Z$ | INTERNATIONAL | 1997 | D | 562789 |  |  |
| B | 12:11:00 | T3S2 | L | TPN | 6395N9 | $880805 Z$ | INTERNATIONAL | 1992 | D | 122053 |  |  |
| B | 12:15:00 | T3S2 | L | NORZA | 756EM7 | $1261138 Z$ | INTERNATIONAL | 1995 | D | 929491 |  |  |
| B | 12:15:00 | T3S2 | E | ANGELES AZULES | 994EM7 | 0557540Z | INTERNATIONAL | 1995 | D | 814315 |  |  |
| B | 12:16:00 | T3S2 | E | TPN | 731SP1 | 848900Z | INTERNATIONAL | 1990 | D |  |  |  |
| B | 12:16:00 | T3S2 | L |  | 799SP1 | $634569 Z$ | INTERNATIONAL | 1995 | D | 702584 | 2 |  |
| B | 12:17:00 | T3S2 | L | TPN | 748SP1 | $880805 Z$ | INTERNATIONAL | 1992 | D |  |  |  |
| B | 12:17:00 | T3S2 | E | MONARCA |  |  |  |  |  |  |  |  |
| B | 12:17:00 | T3S2 | E | SOTELO |  |  |  |  |  |  |  |  |
| B | 12:20:00 | T3S2 | L | STIL | 662FA1 | 6557391 | FREIGHTLINER | 1998 | D | 424234 |  |  |
| B | 12:20:00 | T3S2 | E | HERCA |  |  |  |  |  |  |  |  |
| B | 12:20:00 | T3S2 | L | TPN |  |  |  |  |  |  |  |  |
| B | 12:22:00 | T3S2 | L | TPN | 625SP1 | 848900Z | INTERNATIONAL | 1993 | D | 779260 |  |  |
| B | 12:23:00 | T3S2 | L | SILT | 168SP1 |  | INTERNATIONAL | 1989 |  |  |  |  |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{aligned} & \hline \text { FAST/ } \\ & \mathbf{N F} \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B | 12:23:00 | T3S2 | L | CONVOY DE MEX | 530EM7 | 555864 | INTERNATIONAL | 1986 | D |  |  |  |
| B | 12:24:00 | T3S2 | L | AUTOS USADOS MENDEZ | 574EM3 | 12189897 | FREIGHTLINER | 1992 |  |  |  |  |
| B | 12:24:00 | T3S2 | L | INDIO |  |  |  |  |  |  |  |  |
| B | 12:25:00 | T3S2 | L | CARDENAL | 466SP1 | 847349 | INTERNATIONAL | 1995 | D |  |  |  |
| B | 12:25:00 | SU2 | L | COMP-VENTA MENDEZ | ZUR9093 | 825641Z | CHEVROLET | 1999 | G | 129497 | 3 |  |
| B | 12:25:00 | T3S2 | L |  |  |  |  |  |  |  |  |  |
| B | 12:27:00 | T3S2 | L | TNCH | 066SP1 | $711125 Z$ | FREIGHTLINER | 1993 | D | 538353 |  |  |
| B | 12:27:00 | T3S2 | L | SOTELO | 412SP1 | 899640Z | INTERNATIONAL | 1984 | D | 235164 | N |  |
| B | 12:28:00 | T3S2 | L | TNCH | 029SP1 | $711125 Z$ | INTERNATIONAL | 1995 | D | 148650 |  |  |
| B | 12:28:00 | T3S2 | L |  | 765SP1 | $711125 Z$ | FREIGHTLINER | 1997 | D | 638999 |  |  |
| B | 12:29:00 | T3S2 | L | TNCH | 070SP1 | $711125 Z$ | INTERNATIONAL | 1995 | D | 221773 |  |  |
| B | 12:30:00 | T3S2 | L | SIETE | 271SP1 | $818175 Z$ | INTERNATIONAL | 1994 | D | 947942 |  |  |
| B | 12:30:00 | T3S2 | E | TPN | 732SP1 | 848900Z | FREIGHTLINER | 1994 |  |  |  |  |
| B | 12:32:00 | SU2 | L |  | ZUS6761 | $667366 Z$ | GMC | 1998 | G |  |  |  |
| B | 12:33:00 | T3S2 | L | SI TSD |  |  | INTERNATIONAL | 1996 | D | 97000 |  |  |
| B | 12:35:00 | T3S2 | L | LYRMA | B43CA7 | 650990Z | VOLVO | 2004 | D |  |  |  |
| B | 12:35:00 | T3S2 | L | ANGELES AZULES |  |  |  |  |  |  |  |  |
| B | 12:35:00 | T3S2 | L | LYRMA | B43CA7 | 650990Z | VOLVO | 2004 | D |  |  |  |
| B | 12:36:00 | T3S2 | L | NORZA | 264EM3 | 666090Z | FORD | 1987 | D | 9223238 |  |  |
| B | 12:37:00 | T3S2 | L | GALLARDO | 291EM3 |  | INTERNATIONAL | 1995 |  |  |  |  |
| B | 12:38:00 | T3S2 | L | MUÑOZ | 092SP1 |  |  |  |  |  |  |  |
| B | 12:40:00 | T3S2 | L | DESIERTO NORTE | 455EM3 | 161732Z | INTERNATIONAL | 1992 | D | 77675 |  |  |
| B | 12:41:00 | T3S2 | L | SOTELO | 556SN9 | $258923 Z$ | INTERNATIONAL | 1992 |  |  |  |  |
| B | 12:45:00 | T3S2 | L | TRANS AC | 669SP1 | 629243 | FREIGHTLINER |  | D |  |  |  |
| B | 12:46:00 | T3S2 | L | VRP | 489EM3 | 6620582 | INTERNATIONAL |  |  |  |  |  |
| B | 12:47:00 | SU2 | L | MARQUEZ BCO |  |  |  |  |  |  |  |  |
| B | 12:47:00 | T3S2 | L | STIL |  |  |  |  |  |  |  |  |
| B | 12:53:00 | T3S2 | E | TPN | 749SP1 | $880805 Z$ |  |  |  |  |  |  |
| B | 12:54:00 | SU2 | E | EP | ZUS7871 | $633056 Z$ |  |  |  |  |  |  |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{gathered} \text { FAST/ } \\ \text { NF } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B | 12:56:00 | T3S2 | E | TPN |  |  |  |  |  |  |  |  |
| B | 12:57:00 | T3S2 | L | TPN |  |  |  |  |  |  |  |  |
| B | 12:57:00 | T3S2 | L | TPN |  |  |  |  |  |  |  |  |
| B | 12:58:00 | T3S2 | L | TRANS MEXICANOS | 0455N1 |  | FREIGHTLINER |  |  |  |  |  |
| B | 12:59:00 | T3S2 | L | AGUILA | 005SP1 | 555365 | INTERNATIONAL | 1993 | D | 393120 |  |  |
| B | 13:06:00 | T3S2 | L | SOTELO |  |  |  |  |  |  |  |  |
| B | 13:06:00 | T1S2 | L | AGUILA | 951SN9 | 555365 | INTERNATIONAL | 1993 | D | 766750 |  |  |
| B | 13:07:00 | T3S2 | L | MENDEZ | 907EM7 | $1218989 Z$ | FREIGHTLINER | 1993 | D |  |  |  |
| B | 13:09:00 | T3S2 | L | TPN | 542EM7 | $880805 Z$ | INTERNATIONAL |  |  |  |  |  |
| B | 13:12:00 | T3S2 | L | INTERFLETES | 638EM3 | $1337175 Z$ | INTERNATIONAL | 1985 | D | 174476 |  |  |
| B | 13:22:00 | T3S2 | E | GRUPO HERNANDEZ |  |  |  |  |  |  |  |  |
| B | 13:22:00 | T3S2 | L | TPN | 631SN9 | $880805 Z$ | INTERNATIONAL |  |  | 121222 |  |  |
| B | 13:24:00 | T3S2 | E | SOTELO |  |  |  |  |  |  |  |  |
| B | 13:27:00 | T3S2 | E | AGUILA |  |  |  |  |  |  |  |  |
| B | 13:27:00 | T3S2 | L | ZOTIS | 178SP1 |  |  |  |  |  |  |  |
| B | 13:29:00 | T3S2 | E | ALGOZA DEL NTE |  |  |  |  |  |  |  |  |
| B | 13:29:00 | T3S2 | L | STIL | 363SP1 |  |  | 1996 |  |  |  |  |
| B | 13:29:00 | T3S2 | L | STIL | 381SP1 |  |  | 1996 |  |  |  |  |
| B | 13:29:00 | T3S2 | L | SOTELO | 554SN9 |  |  | 1993 |  |  |  |  |
| B | 13:29:00 | T3S2 | E | SOTELO | 562SN9 | 2589232 | INTERNATIONAL | 1997 | D | 656858 |  |  |
| B | 13:31:00 | T3S2 | L | SOTELO |  |  |  |  |  |  |  |  |
| B | 13:31:00 | T3S2 | L | STIL |  |  |  |  |  |  |  |  |
| B | 13:32:00 | T3S2 | L | TRES CASTILLOS | 220SP1 |  | INTERNATIONAL |  |  |  |  |  |
| B | 13:33:00 | T3S2 | L | STIL | 275EM3 |  | INTERNATIONAL | 1998 |  |  |  |  |
| B | 13:34:00 | T3S2 | E | GRUPO HERNANDEZ | 882SM9 | 84738 |  |  |  |  |  |  |
| B | 13:36:00 | T3S2 | L | AGUILA | 535EM3 |  | INTERNATIONAL |  |  |  |  |  |
| B | 13:37:00 | SU2 | L |  |  |  |  |  |  |  |  |  |
| B | 13:40:00 | T3S2 | L | AGUILA |  |  | INTERNATIONAL |  |  |  |  |  |
| B | 13:40:00 | T3S2 | L | AGUILA | 828SP1 | 5553657 | INTERNATIONAL | 1995 | D | 10326 |  |  |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{aligned} & \hline \text { FAST/ } \\ & \text { NF } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B | 13:41:00 | T3S2 | L | AGUILA |  |  | INTERNATIONAL |  |  |  |  |  |
| B | 13:42:00 | T3S2 | L |  | 915EM1 | $711125 Z$ | VOLVO | 1998 | D | 754292 |  |  |
| B | 13:42:00 | T3S2 | L | AGUILA | 947SP1 | 555365Z | INTERNATIONAL | 1993 | D | 424030 |  |  |
| B | 13:45:00 |  | BT | PREMIER |  |  |  |  |  |  |  |  |
| B | 13:45:00 | T3S2 | E | TNCH | 039SP1 | $711125 Z$ | FREIGHTLINER | 1995 | D | 49939 |  |  |
| B | 13:52:00 | SU2 | L | TRANSVAR | ZUR7473 | $860366 Z$ | FORD | 1977 | G |  |  |  |
| B | 13:55:00 | SU2 | E | SOTELO |  | $258923 Z$ |  |  |  |  |  |  |
| B | 13:55:00 | T3S2 | L | FMCH | 569EM3 | $711125 Z$ | KENWORTH | 1998 | D |  |  |  |
| B | 13:55:00 | T3S2 | L | MARQUEZ | 740SN9 | 825641Z | INTERNATIONAL | 1989 | D | 8551563 |  |  |
| B | 13:55:00 | T3S2 | L | VARGAS | 883SP1 |  |  | 1989 |  |  |  |  |
| B | 13:57:00 | T3S2 | L | AGUILA | 957SP1 | $555365 Z$ | INTERNATIONAL |  |  |  |  |  |
| B | 13:58:00 | T3S1 | L | TNCH |  |  |  |  |  |  |  |  |
| B | 13:58:00 | T3S2 | E | AGUILA | 902SN9 | $555365 Z$ | INTERNATIONAL |  |  |  |  |  |
| B | 14:00:00 | T3S2 | L | PADILLA | 126SP1 | 677177Z | INTERNATIONAL | 1988 | D | 85677 |  |  |
| B | 14:02:00 | T3S2 | E | TNCH | 970SP1 |  |  | 1996 |  |  |  |  |
| B | 14:03:00 | SU2 | L | SOTELO | 696SP1 |  | INTERNATIONAL | 1994 |  |  |  |  |
| B | 14:03:00 | T3S2 | L | ANDUJO | 704SN9 | 667366 | INTERNATIONAL | 1992 |  |  |  |  |
| B | 14:03:00 | T3S2 | L | CYR | 772SN9 |  | KENWORTH | 1991 |  |  |  |  |
| B | 14:04:00 | T3S2 | L | JOSE FCO. CAUTLE | 626SP1 | 848900Z |  |  |  |  |  |  |
| B | 14:05:00 | T3S2 | L | JAIME ALVAREZ QUEZADA | 796CC5 |  | PETERBILT |  |  |  |  |  |
| B | 14:05:00 | T3S2 | L | TPN | 867SN1 | $880805 Z$ |  |  |  |  |  |  |
| B | 14:06:00 | T3S2 | L | ARRSA | 739SP1 | 638911 |  | 1988 | D |  |  |  |
| B | 14:10:00 | SU2 | E | CAMPOS | ZUR2101 |  |  |  | G |  |  |  |
| B | 14:10:00 | SU2 | E | SILT |  | 689929 | GMC |  | G |  |  |  |
| B | 14:10:00 | T3S2 | L | RODRIGUEZ | 569SP1 |  |  |  |  |  |  |  |
| B | 14:10:00 | T3S2 | L | TPN | 870SN9 | $880805 Z$ |  |  |  |  |  |  |
| B | 14:12:00 | T3S2 | L | TRANS MAQ | 567EM7 | 786840Z |  | 1992 |  |  |  |  |
| B | 14:13:00 | T3S2 | L | SILT | 179SP1 | 689929 | INTERNATIONAL | 1993 | D | 85 |  |  |
| B | 14:13:00 | T3S2 | L | TORRES | 273SN1 |  |  |  |  |  |  |  |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{aligned} & \hline \text { FAST/ } \\ & \mathbf{N F} \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B | 14:15:00 | T3S2 | L | C.M. MARQUEZ |  |  |  |  |  |  |  |  |
| B | 14:20:00 | T3S2 | L | KIKI |  |  |  |  |  |  |  |  |
| B | 14:22:00 | T3S2 | E | TNCH | 567EM3 |  |  | 2002 | D |  |  |  |
| B | 14:22:00 | T3S2 | L | AGUILA | 912SP1 | $40555365 Z$ | INTERNATIONAL |  |  |  |  |  |
| B | 14:24:00 | T3S2 | L | SERV. PREMIER |  |  |  |  |  |  |  |  |
| B | 14:27:00 | T3S2 |  | SIGLO |  |  | KENWORTH |  | D |  |  |  |
| B | 14:27:00 | T3S2 | L | TRANS Y SERV ESPECIALES | 294EM3 | 822640Z | INTERNATIONAL | 1987 | D |  |  |  |
| B | 14:30:00 | T3S2 | L | R. EXPRESS |  |  |  |  |  |  |  |  |
| B | 14:30:00 | T3S2 | E | DELFINES | 409EM3 | 6836242 |  | 1995 | D |  |  |  |
| B | 14:30:00 | T3S2 | E | NORZA | 657SN9 |  | INTERNATIONAL |  | D |  |  |  |
| B | 14:30:00 | SU2 | E | AGUILA | 874DZ4 | $555365 Z$ | INTERNATIONAL | 2001 | D |  |  |  |
| B | 14:30:00 | T3S2 | L | AGUILA | 954SP1 | $555365 Z$ | INTERNATIONAL |  | D |  |  |  |
| B | 14:31:00 | T3S2 | L | MONARCA | 484SP1 | 726031 | INTERNATIONAL |  | D |  |  |  |
| B | 14:32:00 | T3S2 | L | VARGAS | 992SN9 | 861806Z | INTERNATIONAL |  |  |  |  |  |
| B | 14:33:00 | T3S2 |  | TRANSFER | 844EM7 |  | INTERNATIONAL |  | D |  |  |  |
| B | 14:33:00 | T3S2 | L | TNCH | 964SP1 | $711125 Z$ | FREIGHTLINER | 1999 | D | 293188 |  |  |
| B | 14:33:00 | SU2 | L | MONARCH LITHO | DM37201 | 1846935Z |  |  |  |  |  |  |
| B | 14:33:00 | SU2 |  | BOUCHE | ZUT2858 |  |  |  |  |  |  |  |
| B | 14:34:00 | SU2 | L | NORZA | ZUU4193 | $1261138 Z$ | GMC | 1986 | G |  |  |  |
| B | 14:35:00 | T3S2 | L | GALLARDO |  |  |  |  |  |  |  |  |
| B | 14:35:00 | T3S2 | L | STIL |  |  |  |  |  |  |  |  |
| B | 14:35:00 |  | L | STIL |  |  |  |  |  |  |  |  |
| B | 14:35:00 | T3S2 | L | STIL |  |  |  |  |  |  |  |  |
| B | 14:35:00 | T3S2 | L | STIL |  |  |  |  |  |  |  |  |
| B | 14:35:00 | T3S2 | L | STIL |  |  |  |  |  |  |  |  |
| B | 14:35:00 | T3S2 | E | TRANS MAQ | 390EM3 | 786840Z |  | 1995 | D |  |  |  |
| B | 14:35:00 | T3S2 |  | DEL ANGEL | 835SP1 | $677177 Z$ | FREIGHTLINER |  | D |  |  |  |
| B | 14:35:00 | T3S2 | L | ZOTIS | J87SP1 | $683428 Z$ |  |  |  |  |  |  |
| B | 14:38:00 | T3S2 | L | BRP |  | 6620582 | KENWORTH |  | D |  |  |  |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{aligned} & \hline \text { FAST/ } \\ & \mathbf{N F} \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B | 14:38:00 | T3S2 | L | NORZA |  | $1261138 Z$ |  |  |  |  |  |  |
| B | 14:38:00 | T3S2 | L | SOTELO |  |  |  |  |  |  |  |  |
| B | 14:38:00 | T3S2 | E | STIL |  |  |  |  |  |  |  |  |
| B | 14:38:00 | T3S2 | L | VELIZ |  | 228382 |  |  |  |  |  |  |
| B | 14:39:00 | T3S2 | L | TRANS. TORRES |  | 650950Z |  |  |  |  |  |  |
| B | 14:39:00 | T3S2 |  | GALLARDO | 288EM3 | $590182 Z$ | FREIGHTLINER |  |  |  |  |  |
| B | 14:40:00 | T3S2 | L | DELFINES |  |  |  |  |  |  |  |  |
| B | 14:40:00 | T1S2 | E | TRANSERVICIOS | 267SP1 | 822640Z |  |  | D |  |  |  |
| B | 14:41:00 | T3S2 | E | AVANTI |  | $666762 Z$ |  |  | D |  |  |  |
| B | 14:43:00 | T3S2 | L | MONARCA |  |  |  |  |  |  |  |  |
| B | 14:44:00 | T3S2 | L | RAMOS |  |  |  |  |  |  |  |  |
| B | 14:45:00 | T3S2 | E | ETL |  |  |  |  |  |  |  |  |
| B | 14:46:00 | T3S2 | L | TPN |  |  |  |  |  |  |  |  |
| B | 14:48:00 | T3S2 | E | ARREOLA |  |  |  |  |  |  |  |  |
| B | 14:48:00 | T3S2 | E | RAMOS |  |  |  |  |  |  |  |  |
| B | 14:50:00 | T3S2 | L | TRANS JD | 550EM3 | 6066982 |  |  |  |  |  |  |
| B | 14:55:00 | T3S2 |  | SPAT MAILS | 00580Z3 |  | KENWORTH |  |  |  |  |  |
| B | 14:55:00 | T3S2 | L | TRANS AC | 667SP1 | $629243 Z$ | INTERNATIONAL | 1995 | D | 191936 |  |  |
| B | 14:56:00 | SU2 | E | ENVIMEX | ZUT6330 | 787655Z | FORD | 1985 | G |  |  |  |
| B | 14:57:00 | T3S2 | E | RAMOS | 970CB3 | 696803 | KENWORTH | 1982 | D |  |  |  |
| B | 14:58:00 | T3S2 | L | TRANS MAQ | 601SN9 | $710383 Z$ |  |  |  |  |  |  |
| B | 15:00:00 | T3S2 |  | AGUILA |  |  |  |  |  |  |  |  |
| B | 15:00:00 | T3S2 |  | T. CONTRERAS |  |  |  |  |  |  |  |  |
| B | 15:00:00 | T3S2 | L | R. EXPRESS | 112SP1 | 1162107Z | INTERNATIONAL | 1996 | D |  |  |  |
| B | 15:00:00 | T3S2 |  | ENVIMEX | ZUT830 |  |  |  |  |  |  |  |
| B | 15:02:00 | T3S2 | L | SILT | 173SP1 |  |  | 1994 |  |  |  |  |
| B | 15:02:00 | T3S2 | L | GUERRERO ESP | 235C18 |  | KENWORTH |  |  |  |  |  |
| B | 15:02:00 | T3S2 | L | TRANS JD | 288SP1 | 6066982 | KENWORTH |  |  |  |  |  |
| B | 15:02:00 | T3S2 | L | KIKI | 605EM3 |  | FREIGHTLINER | 1994 |  |  |  |  |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{aligned} & \hline \text { FAST/ } \\ & \mathrm{NF} \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B | 15:02:00 | T3S2 | L | GRUPO MEXICO | 800SNP | 632830 | INTERNATIONAL | 1986 | D | 6472580 |  |  |
| B | 15:02:00 | T3S2 | L | TRANSVAR | 878SP1 | 860366Z | INTERNATIONAL | 1991 | D |  |  |  |
| B | 15:02:00 | T3S2 | E | AGUILA | 903SN9 | 555365Z | INTERNATIONAL |  |  |  |  |  |
| B | 15:08:00 | T3S2 | L | MONARCA | 478SP1 |  | INTERNATIONAL | 1993 |  |  |  |  |
| B | 15:09:00 | SU2 | L | AVIO EXCELENTE | ZUS4778 |  |  | 1983 |  |  |  |  |
| B | 15:10:00 | T3S2 | L | MARSA | 921SN9 | 666090 | INTERNATIONAL |  |  |  |  |  |
| B | 15:11:00 | T3S2 | L | TPN | 750SP1 | 880805Z | INTERNATIONAL |  |  |  |  |  |
| B | 15:12:00 | T3S2 | L | CARDENAL | 471SP1 | 847349 | INTERNATIONAL | 1989 |  |  |  |  |
| B | 15:12:00 | T3S2 | L | CONVOY DE MEX | 529EM7 |  |  | 1986 |  |  |  |  |
| B | 15:13:00 | T3S2 | L | AGUILA | 819SP1 | 555365Z | INTERNATIONAL | 1995 | D | 233385 |  |  |
| B | 15:13:00 | T3S2 | L | TRANSVAR | 876SP1 | 860366Z | INTERNATIONAL | 1987 | D | 45943 |  |  |
| B | 15:13:00 | SU2 | L | ANDUJO | DK90702 | 667366Z |  |  |  |  |  |  |
| B | 15:15:00 | T3S2 | L | TPN | ZUU1137 | 880805Z |  |  |  |  |  |  |
| B | 15:16:00 | SU2 | L |  | ZUU6298 | $923047 Z$ | GMC |  |  |  |  |  |
| B | 15:17:00 | SU2 |  | STIL |  |  |  |  |  |  |  |  |
| B | 15:17:00 | SU2 |  | STIL |  |  |  |  |  |  |  |  |
| B | 15:17:00 | SU2 |  | STIL |  |  |  |  |  |  |  |  |
| B | 15:17:00 | SU2 |  | STIL |  |  |  |  |  |  |  |  |
| B | 15:20:00 | T3S2 | L | AGUILA | 010SP1 | 555365Z | INTERNATIONAL | 1993 | D | 5002000 |  |  |
| B | 15:20:00 | T3S2 | L | SITSA | 639EM3 | $604862 Z$ | INTERNATIONAL | 1994 | D | 487573 |  |  |
| B | 15:20:00 | T3S2 | L | AGUILA | 950SP1 | 556365Z | INTERNATIONAL |  |  |  |  |  |
| B | 15:20:00 | T3S2 | L | JOHNSON CONTROLS | DL73493 | 632813 | KENWORTH | 1993 |  |  |  |  |
| B | 15:25:00 | T3S2 | L | ZOTIS | 176SP1 | 683428 Z | INTERNATIONAL |  |  |  |  |  |
| B | 15:26:00 | T3S2 | L | TRANS MAQ | 559EM3 | 786840 | FREIGHTLINER |  | D | 235256 |  |  |
| B | 15:30:00 | T3S2 | BT | MARSA | 729EM7 |  |  |  |  |  |  |  |
| B | 15:30:00 | T3S2 | L | JOHNSON CONTROLS | DL73493 | 632813 | KENWORTH | 1993 | D | 284679 |  |  |
| B | 15:32:00 | T3S2 | L | L.G. RECICLADOS | 672EM7 | 8051782 | FREIGHTLINER | 1991 | D |  |  |  |
| B | 15:33:00 | T3S2 | E | VRP | 119SP1 | 6620582 | INTERNATIONAL | 1985 | D | 9947835 |  |  |
| B | 15:35:00 | T3S2 | L | SITSA | 6648627 | 6648627 | INTERNATIONAL | 1992 | D |  |  |  |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{gathered} \text { FAST/ } \\ \text { NF } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B | 15:35:00 | T3S2 | E | ALFREDO GONZALEZ | 327CA6 | 558301 | KENWORTH | 1986 | D | 4176537 |  |  |
| B | 15:36:00 | SU2 | L | SERV. DE LAS MAQ. | DN21171 | 55699Z | FORD | 1983 | D |  |  |  |
| B | 15:37:00 | T3S2 | L | TRANS JD | 283SP1 | 6066982 | INTERNATIONAL |  |  |  |  |  |
| B | 15:39:00 | T3S2 | L | NORZA | 755SP1 | $1261138 Z$ | INTERNATIONAL |  |  |  |  |  |
| B | 15:40:00 | SU2 | L | TRANS MAQ | ZUS1076 | 786840Z | GMC | 1987 | G | 190307 |  |  |
| B | 15:41:00 | T3S2 | L | SIETE | 269SP1 | 818 | INTERNATIONAL |  |  |  |  |  |
| B | 15:42:00 | SU2 | L | SITSA | ZUS18865 | $604862 Z$ | GMC | 1988 | G |  |  |  |
| B | 15:42:00 | SU2 | L | NORZA | ZUS7200 |  | GMC |  |  |  |  |  |
| B | 15:43:00 | T3S2 | L | SIETE | 791SN9 |  | INTERNATIONAL | 1997 |  |  |  |  |
| B | 15:43:00 | SU2 | L | JESAB | ZUT6967 | 845471 | GMC | 1983 |  | 384632 |  |  |
| B | 15:45:00 | T3S2 | L |  | 108SP1 |  | KENWORTH |  |  |  |  |  |
| B | 15:45:00 | T3S2 | L |  | 965SP1 | $711125 Z$ | FREIGHTLINER |  |  |  |  |  |
| B | 15:48:00 | T3S2 | L | AGUILA | 806SP1 | $555365 Z$ |  | 1995 | D |  |  |  |
| B | 15:49:00 | T3S2 | E | VARGAS | 664SP1 |  | INTERNATIONAL | 1993 | D |  |  |  |
| B | 15:49:00 | T3S2 | L | AGUILA | 905SN9 |  | INTERNATIONAL | 1997 | D |  |  |  |
| B | 15:50:00 | T3S2 | L | LYRMA |  |  |  |  |  |  |  |  |
| B | 15:50:00 | T3 | BT | SOTELO | 561SN9 |  | INTERNATIONAL | 1993 |  |  |  |  |
| B | 15:51:00 | T3 | BT | DELFINES | 25SP1 |  | INTERNATIONAL |  | D |  |  |  |
| B | 15:52:00 | T3S2 | L | SILT | 327EM3 |  | FREIGHTLINER | 1993 |  |  |  |  |
| B | 15:53:00 | T3S2 |  | TRANS MAQ |  |  |  |  |  |  |  |  |
| B | 15:53:00 | T3S2 | E |  |  | $711125 Z$ |  |  |  |  |  |  |
| B | 15:53:00 | T3S2 |  |  |  |  |  |  |  |  |  |  |
| B | 15:55:00 | T3S2 | L | TNCH | 962SP1 |  | INTERNATIONAL | 1995 | D |  |  |  |
| B | 15:58:00 | SU2 | L | ANDUJO |  | $667366 Z$ | GMC | 1992 | G |  |  |  |
| B | 16:00:00 | T3S2 | L | AGUILA |  |  |  |  | D |  |  |  |
| B | 16:00:00 | T3S2 |  | RGX |  |  | INTERNATIONAL |  |  |  |  |  |
| B | 16:01:00 | T3S2 | L | VRP | 488EM3 | 6620582 | INTERNATIONAL |  | D |  |  |  |
| B | 16:03:00 | T3S2 | E | SOTELO |  | 2589232 | INTERNATIONAL |  | D |  |  |  |
| B | 16:04:00 | SU2 |  | ACS |  | $997401 Z$ | GMC |  | G |  |  |  |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{aligned} & \hline \text { FAST/ } \\ & \mathrm{NF} \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B | 16:04:00 | T3S2 |  | STIL |  |  |  |  |  |  |  |  |
| B | 16:06:00 | T3 | BT | SMART | 416EM3 | 677075 | INTERNATIONAL | 1995 | D |  |  |  |
| B | 16:08:00 | T3S2 | L | AGUILA | 953SP1 |  | INTERNATIONAL | 1993 | D |  |  |  |
| B | 16:09:00 | T3S2 | L | NORZA |  | 666090Z |  |  |  |  |  |  |
| B | 16:09:00 | T3S2 |  | SILT |  |  |  |  |  |  |  |  |
| B | 16:10:00 | T3S2 |  | RODRIGUEZ | 670EM3 |  |  |  |  |  |  |  |
| B | 16:11:00 | SU2 | E | FLETES MOLINA |  | 556599Z | KODAK |  |  |  |  |  |
| B | 16:12:00 | T3S2 |  | TPN |  |  |  |  |  |  |  |  |
| B | 16:13:00 | T3S2 |  | TPN |  |  |  |  |  |  |  |  |
| B | 16:13:00 | T3 | BT | CAMPOS | 805EM7 | 6433662 |  | 1997 |  |  |  |  |
| B | 16:14:00 | T3S2 | L | AGUILA | 908SN9 |  | INTERNATIONAL |  |  |  |  |  |
| B | 16:19:00 | SU2 | E | R Y JC BARRON | DN5910 |  |  |  |  |  |  |  |
| B | 16:22:00 | SU2 | L | CHICO ARTS. | FYA423 | 1284199 |  |  | G |  |  |  |
| B | 16:23:00 | T3S2 | L | CYR | 210EM3 | 91 | KENWORTH | 1998 | D | 911000 |  |  |
| B | 16:30:00 | SU2 | L | INTEGRADORA MAX |  | 12831542 | GMC |  | G |  |  |  |
| B | 16:30:00 | T3S2 | L | TPN | 54ZEM7 | $880805 Z$ | INTERNATIONAL |  | D |  |  |  |
| B | 16:31:00 | T3S2 | L | OTI |  | 6834282 |  |  |  |  |  |  |
| B | 16:31:00 | T3S2 | L | TRANS MAQ | 734SN9 | 7103832 | INTERNATIONAL | 1988 | D |  |  |  |
| B | 16:31:00 | SU2 | L | OLVERA | DXY3452 | 5573142 | FORD |  |  |  |  |  |
| B | 16:32:00 | T3S2 | L | GALLARDO |  | $890482 Z$ | KENWORTH |  | D |  |  |  |
| B | 16:32:00 | T3S2 | L | GALLARDO | 379EM3 |  | KENWORTH |  | D |  |  |  |
| B | 16:32:00 | T3S2 | L | TRES CASTILLOS | 554EM3 | $556987 Z$ | INTERNATIONAL | 1990 | D |  |  |  |
| B | 16:33:00 | T3S2 | L | KIKI |  | 804800Z | INTERNATIONAL |  | D |  |  |  |
| B | 16:33:00 | T3S2 | L | TRANS MEXICANOS | 213SN9 |  |  |  | D |  |  |  |
| B | 16:34:00 | T3S2 | E | DRAGON DEL NORTE |  | $683624 Z$ |  |  | D |  |  |  |
| B | 16:35:00 | T3S2 | E | SOTELO |  |  |  |  | D |  |  |  |
| B | 16:35:00 | T3S2 | L | AGUILA | 816SP1 |  | INTERNATIONAL | 1995 | D |  |  |  |
| B | 16:35:00 | SU2 | L | DELFINES | ZUU4082 |  | INTERNATIONAL | 1990 | D |  |  |  |
| B | 16:36:00 | T3S2 | E | TPN |  |  |  |  |  |  |  |  |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{aligned} & \hline \text { FAST/ } \\ & \text { NF } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B | 16:37:00 | T3S2 | L | DELFINES |  |  | KENWORTH |  |  |  |  |  |
| B | 16:37:00 |  |  |  |  | $666082 Z$ |  |  | D |  |  |  |
| B | 16:40:00 | SU2 | L | INDIO | ZUS8559 |  | GMC |  |  |  |  |  |
| B | 16:42:00 | SU2 | L | A.C. |  | $629243 Z$ | GMC |  | G |  |  |  |
| B | 16:44:00 | SU2 |  | TPN | 867SN9 |  | INTERNATIONAL | 1992 |  |  |  |  |
| B | 16:44:00 | SU2 |  | TRANS OROZCO | ZUU8628 |  | KENWORTH | 1975 |  |  |  |  |
| B | 16:45:00 | SU2 | L | TRANSP. OROZCO | ZUU86213 |  |  |  | G |  |  |  |
| B | 16:46:00 | T3S2 | L | TRANSFER | 766SP1 |  |  |  | D |  |  |  |
| B | 16:47:00 | T3S2 | L | TPN | 870SN9 | 880805Z |  |  | D |  |  |  |
| B | 16:48:00 | SU2 | L | DRAGON DEL NORTE | ZUS4472 |  | GMC |  | PROP |  |  |  |
| B | 16:48:00 | T3S2 |  | TPN |  |  | INTERNATIONAL |  | D |  |  |  |
| B | 16:48:00 | T3S2 | E | TRANSISA | 152CB4 |  | INTERNATIONAL |  | D |  |  |  |
| B | 16:49:00 | T3S2 | E | SOTELO |  |  | DINA |  | D |  |  |  |
| B | 16:49:00 | T3S2 | L | TRANSP. VARGAS |  |  | FREIGHTLINER |  | D |  |  |  |
| B | 16:50:00 | T3S2 | E | PADILLA |  |  | INTERNATIONAL |  | D |  |  |  |
| B | 16:51:00 | T3S2 | L | TORRES | 015SN1 |  | INTERNATIONAL |  | D |  |  |  |
| B | 16:51:00 | T3S2 | L | TPN | 129751SPN | 880805Z | INTERNATIONAL |  | D |  |  |  |
| B | 16:51:00 | T3 | BT | DELFINES | 267EM3 |  |  |  | D |  |  |  |
| B | 16:52:00 | T3S2 | E | DELFINES | 486EM3 |  | INTERNATIONAL |  | D |  |  |  |
| B | 16:52:00 | T3S2 | E | INTERFLETES | 638EM3 |  |  | 1985 | D |  |  |  |
| B | 16:53:00 | SU2 | E | UPS | TH0753 |  | FORD |  | D |  |  |  |
| B | 16:55:00 | T3 | BT | PADILLA |  |  |  |  | D |  |  |  |
| B | 16:55:00 | T3S2 | E | VRP | ZUS94 |  | GMC |  | G |  |  |  |
| B | 16:56:00 | T3S2 | L |  | 545SN9 |  | INTERNATIONAL |  | D |  |  |  |
| B | 16:56:00 | T3S2 | L | CYR | 772SN9 |  | KENWORTH | 1991 | D |  |  |  |
| B | 16:57:00 | T3 | BT | SOTELO |  |  |  |  |  |  |  |  |
| B | 16:57:00 | T3S2 | L | VARGAS | 496EM3 |  | INTERNATIONAL | 1997 | D |  |  |  |
| B | 16:58:00 | SU2 | L | SIST. Y CONEXIONES INTEGRADAS | ZUR3291 | 667492 | GMC | 1997 | G | $\begin{aligned} & 151343 \\ & \text { KM } \end{aligned}$ |  |  |
| B | 16:59:00 | T3S2 | E | AGUILA |  |  |  |  |  |  |  |  |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{gathered} \hline \text { FAST/ } \\ \text { NF } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B | 17:00:00 | T3S2 | E | AGUILA | 621EM3 |  |  | 1997 |  |  |  |  |
| B | 17:00:00 | T3S2 | L | VARGAS | 667EM3 |  | INTERNATIONAL | 1992 | D |  |  |  |
| B | 17:05:00 | T3S2 | E | SIETE |  |  |  |  |  |  |  |  |
| B | 17:05:00 | T3S2 | L | SIETE | 960SP1 |  |  | 1993 |  |  |  |  |
| B | 17:08:00 | T3S2 | L | RIO GRANDE | 596SP1 | $62647 Z$ | INTERNATIONAL | 1993 |  |  |  |  |
| B | 17:10:00 | T3 | BT | MARIO ALFREDO <br> REYES HERRERA 6 |  |  | INTERNATIONAL |  |  |  |  |  |
| B | 17:10:00 | T3 | BT | TNCH |  |  |  |  |  |  |  |  |
| B | 17:10:00 | T3 | BT | SOTELO | 398CA7 |  | INTERNATIONAL | 1986 |  |  |  |  |
| B | 17:11:00 | T3S2 | L | AGUILA | 008SP1 | $555365 Z$ | INTERNATIONAL | 1993 |  |  |  |  |
| B | 17:11:00 | T3S2 | L | AGUILA | 532EM2 |  |  |  |  |  |  |  |
| B | 17:11:00 | T3 | BT | ALVELAIS ALARCON | 692EM7 |  | FREIGHTLINER | 1990 |  |  |  |  |
| B | 17:12:00 | T3S2 | L | ARRSA | 667SN9 | 638911 | FREIGHTLINER |  |  |  |  |  |
| B | 17:13:00 | T3S2 | L | CARDENAL | 466SP1 |  | INTERNATIONAL | 1995 |  |  |  |  |
| B | 17:15:00 | T3S2 | L | SIETE | 271SP1 | $818175 Z$ | INTERNATIONAL | 1994 |  |  |  |  |
| B | 17:15:00 | T3S2 | L | SIETE | 273SP1 | $818175 Z$ | INTERNATIONAL | 1993 |  |  |  |  |
| B | 17:16:00 | T3S2 | E | DESIERTO NORTE | 128CA6 |  | INTERNATIONAL |  |  |  |  |  |
| B | 17:17:00 | T3S2 | L | AGUILA | 417SP1 |  | INTERNATIONAL |  |  |  |  |  |
| B | 17:18:00 | T3S2 | L | STIL | 314SP1 |  | INTERNATIONAL | 1994 |  |  |  |  |
| B | 17:20:00 | T3S2 | E | AGUILA |  |  |  |  |  |  |  |  |
| B | 17:20:00 | T3S2 | E | CONTRERAS |  |  |  |  |  |  |  |  |
| B | 17:20:00 | T3S2 | L | DELFINES |  |  |  |  |  |  |  |  |
| B | 17:20:00 | T3 | BT | PADILLA |  |  |  |  |  |  |  |  |
| B | 17:20:00 | T3S2 | L | TPN | ZUR9744 |  |  |  | PROPANO |  |  |  |
| B | 17:20:00 | T3S2 | E | AGUILA | 218SP1 |  |  | 1994 |  |  |  |  |
| B | 17:20:00 | T3S2 | L |  | 254SP1 |  |  |  |  |  |  |  |
| B | 17:20:00 | T3S2 | E | AGUILA | 897SP1 |  |  |  |  |  |  |  |
| B | 17:20:00 | T3S2 | L | DELFINES | 941SP1 |  |  | 1992 |  |  |  |  |
| B | 17:20:00 | T3 | BT | LYRMA | 956DZ4 | 650990Z | VOLVO |  |  |  |  |  |
| B | 17:27:00 | T3S2 | L | PADILLA | 338CA6 |  | KENWORTH |  |  |  |  |  |


| BRIDGE | HOUR | $\begin{aligned} & \hline \text { VEH. } \\ & \text { TYPE } \end{aligned}$ | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{gathered} \hline \text { FAST/ } \\ \text { NF } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B | 17:27:00 | T3S2 | L | RAMOS | 455SP1 |  | INTERNATIONAL | 1989 |  | 823233 |  |  |
| B | 17:30:00 | T3S2 | L | GALLARDO |  |  |  |  |  |  |  |  |
| B | 17:30:00 | T3S2 |  | TPN | 228EM3 |  |  | 1994 |  |  |  |  |
| Z | 8:00:00 | T3S2 | E | ING. RAFAEL GARCIA TRANSPORTES | 231CB3 | 658179 | KENWORTH |  | D |  |  |  |
| Z | 8:00:00 | T3 | BT | RIOS RUBIO | 640CB3 | $1176321 Z$ | KENWORTH |  | D |  |  |  |
| Z | 8:01:00 | T3 | BT | RIOS RUBIO | 220CE2 | 1176321Z | KENWORTH |  | D |  |  |  |
| Z | 8:01:00 | T3S2 | E | ACH | 734CB5 | 7750402 | INTERNATIONAL |  | D |  |  |  |
| Z | 8:02:00 | T3S2 | L | PRAXAIR | PS60507 | 640568 | KENWORTH |  | D |  |  |  |
| Z | 8:02:00 | SU2 | E | MONARCA | ZUS7498 | 726031 | FORD |  | D |  |  |  |
| Z | 8:03:00 | T3S2 | E | ECO | 849CW8 | 558117 | KENWORTH |  | D |  |  |  |
| Z | 8:05:00 | T3S2 | L | TRANS MEXICANOS | 041SN1 | 7103812 | FREIGHTLINER |  | D |  |  |  |
| Z | 8:05:00 | T3S2 | L | TLM | 434DJ4 |  | KENWORTH |  | D |  |  | N |
| Z | 8:07:00 | T3S2 | L | RIOS RUBIO | 561CZ3 | 557729 | KENWORTH |  | D |  |  |  |
| Z | 8:07:00 | T3S2 | L | DRAGON | 798SP1 | 6345697 | INTERNATIONAL |  | D |  |  | N |
| Z | 8:09:00 | T3S2 | L | PRAXAIR | PT85027 |  | KENWORTH |  | D |  |  | N |
| Z | 8:09:00 | SU2 | L | CAMPOS | ZUR2101 | 683366 | GMC | 1978 | D |  |  |  |
| Z | 8:10:00 | T3S2 | L | ECO | 160CA6 |  |  |  | D |  |  | N |
| Z | 8:11:00 | T3S2 | E | BELTRAN | 177CB5 |  | KENWORTH |  | D |  |  | N |
| Z | 8:12:00 | T3 | E | DE LOS RIO RUBIO | S2SCB5 |  | KENWORTH |  | D |  |  | N |
| Z | 8:14:00 | T3S2 | E | DEL NORTE | 436EM3 |  | INTERNATIONAL | 1994 | D |  |  | N |
| Z | 8:14:00 | T3S2 | E | DESIERTO NORTE | 463EM3 | $116173 Z$ | INTERNATIONAL |  | D |  |  |  |
| Z | 8:16:00 | T2S1 | E | MONARCA | ZUT6736 |  | FORD |  | D |  |  | N |
| Z | 8:18:00 | T3S2 | E | TRACSO | 114SP1 |  | INTERNATIONAL |  | D |  |  | N F |
| Z | 8:18:00 | T2S1 | E | STIL | 345SP1 |  | INTERNATIONAL | 1997 | D |  |  | N F |
| Z | 8:20:00 | T3S2 | L | TRACSO | 402SP1 |  | INTERNATIONAL |  | D |  |  | N F |
| Z | 8:21:00 | SU2 | E | ECO | 707CA7 |  | FORD |  | D |  |  | N |
| Z | 8:22:00 | T3S2 | L | ESCALANTE | 466SN9 | 12 | KENWORTH |  | D |  |  |  |
| Z | 8:22:00 | T3S2 | E | TRAMESA | 960EM7 |  | INTERNATIONAL |  | D |  |  |  |
| Z | 8:23:00 | T3 | BT | TORRES | 441EM3 | 0557177Z | INTERNATIONAL |  | D |  |  |  |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{aligned} & \hline \text { FAST/ } \\ & \text { NF } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Z | 8:24:00 | T3 | BT | TRANS MEXICANOS | 213SN9 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 8:24:00 | T3S2 | E | ESCALANTE | 223EM3 |  | KENWORTH |  | D |  |  | N |
| Z | 8:24:00 | T3S2 | L | TX INTER GAS | 784EM7 | 417 | INTERNATIONAL |  | D |  |  |  |
| Z | 8:25:00 | SU2 | E | TPN | ZUP9044 | 880805Z | GMC |  | D |  |  |  |
| Z | 8:26:00 | T3S2 | E | HUGO | TS4CB5 |  | INTERNATIONAL |  | D |  |  |  |
| Z | 8:27:00 | T3S2 | E | AGUILA | 912SN9 | 277 | INTERNATIONAL | 1997 | D |  |  |  |
| Z | 8:27:00 | T3S2 | L | KEMSA | 958SN9 |  | INTERNATIONAL |  | D |  |  | F |
| Z | 8:28:00 | T3S2 | E | TX LPG STORAGE | 941EM7 | 143 | PETERBILT |  | D |  |  |  |
| Z | 8:29:00 | T3S2 | E | TRANSERVICIOS | 643EM7 | 72L | KENWORTH |  | D |  |  |  |
| Z | 8:31:00 | T3S2 | L | TX INTER GAS | 086SP1 | 420 | PETERBILT |  | D |  |  |  |
| Z | 8:31:00 | T2 | E | STIL | 855CW8 |  | KENWORTH | 2004 | D |  |  | N |
| Z | 8:33:00 | T3 | BT | TPN | 628SN9 | 880805Z | INTERNATIONAL |  | D |  |  |  |
| Z | 8:34:00 | T3 | BT | SILT | 326EM3 | $68929 Z$ | FREIGHTLINER | 1993 | D |  |  |  |
| Z | 8:34:00 | T3S2 | E | ASFALTOS DE LA FRONTERA | DN97618 |  | FREIGHTLINER |  | D |  |  | N |
| Z | 8:35:00 | T3 | BT | SILT | 172SP1 | 623 | INTERNATIONAL | 1994 | D |  |  |  |
| Z | 8:36:00 |  | E | SILT |  |  | FREIGHTLINER |  | D |  |  | N |
| Z | 8:37:00 | T3S2 | L | ECO | 848SW8 | 38 | KENWORTH |  | D |  |  |  |
| Z | 8:38:00 | T3 | E | TRAMESA | 903EM7 |  | FREIGHTLINER |  | D |  |  | N |
| Z | 8:39:00 | T3S2 | L | RIOS RUBIO | 360CB3 | 80 |  |  | D |  |  |  |
| Z | 8:39:00 | T3S2 | E | KEMSA | 957SN5 |  | FREIGHTLINER |  | D |  |  | N |
| Z | 8:40:00 | T3 | BT | TPN | 638SN9 | 880805Z | INTERNATIONAL |  | D |  |  |  |
| Z | 8:40:00 | SU2 | E | RAMOS | ZUR2764 |  | GMC |  | D |  |  | N |
| Z | 8:41:00 | T3 | BT | KEMSA | 012SN5 | 47 | FREIGHTLINER |  | D |  |  |  |
| Z | 8:41:00 | T3S2 | L | A8M | 390SP1 |  |  |  | D |  |  | N |
| Z | 8:42:00 | T3S2 | E | COMERCIAL INDUSTRIA | 037DZ3 | 9 | VOLVO |  | D |  |  |  |
| Z | 8:43:00 | T3S2 | L | CARRASCO | 4D4EM3 |  | FREIGHTLINER |  | D |  |  | N |
| Z | 8:44:00 | T3S2 | E | ZOTIS | 629EM7 | 18 | KENWORTH |  | D |  |  |  |
| Z | 8:44:00 | T3S2 | E | TRANS MAQ | 857SP1 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 8:44:00 | T3S2 | E | ASFALTOS DE LA FRONTERA | DN97394 | 523 | KENWORTH |  | D |  |  |  |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{gathered} \text { FAST/ } \\ \text { NF } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Z | 8:45:00 | T3S2 | L | BRP | 649SP1 |  | INTERNATIONAL | 1998 | D |  |  | N |
| Z | 8:46:00 | SU2 | E | EP | ZUS7885 |  | GMC |  | D |  |  | N |
| Z | 8:47:00 | T3S2 | E | RAMOS | 457SP1 | 709 | INTERNATIONAL |  | D |  |  |  |
| Z | 8:48:00 | T2S2 | E | STIL | 893SP1 |  | FREIGHTLINER | 1997 | D |  |  | N |
| Z | 8:49:00 | T3S2 | E | STIL | 205FA1 | 201 | KENWORTH | 1996 | D |  |  |  |
| Z | 8:49:00 | T3S | E | RAMOS | 453SP1 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 8:49:00 | T3S2 | E | STIL | 960FA2 | 384 | FREIGHTLINER | 2000 | D |  |  |  |
| Z | 8:50:00 | T3S2 | E | TRACSO | 128SP1 | 7799732 | FREIGHTLINER |  | D |  |  |  |
| Z | 8:50:00 | T3S2 | E | AGUILA | 893SP1 |  | INTERNATIONAL | 1997 |  |  |  | N |
| Z | 8:50:00 |  |  |  |  |  |  |  |  |  |  |  |
| Z | 8:51:00 | T3S2 | E | DEHESA | 279SP1 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 8:51:00 | T3S2 | E | RAMOS | 454SP1 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 8:52:00 | T3S2 | L | RAMOS | 456SP1 | 237 | INTERNATIONAL |  | D |  |  |  |
| Z | 8:52:00 | T3 | E | ETF | 482CW5 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 8:52:00 | T3S2 | L | TRANSERVICIOS | 787SN9 | 602 | INTERNATIONAL | 1997 | D |  |  |  |
| Z | 8:53:00 | T3S2 | E | VARGAS | 662SP1 | 17 | KENWORTH |  | D |  |  |  |
| Z | 8:54:00 | T3S2 | E | TRAGASA | 200SP1 |  | KENWORTH |  | D |  |  | N |
| Z | 8:55:00 | T3S2 | E | SOTELO | 718SP1 | L58 | INTERNATIONAL | 1989 | D |  |  |  |
| Z | 8:55:00 | T3S2 | L | FLETES JUAREZ | 898DZ4 | 4 | KENWORTH |  | D |  |  |  |
| Z | 8:55:00 |  |  | EXPRESS | ZU5 |  |  |  | D |  |  | N |
| Z | 8:56:00 | T3S2 | L | TRANS JD | 401SP1 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 8:56:00 | T3S2 | E | LYRMA | 612CA7 |  | VOLVO | 2000 |  |  |  | N |
| Z | 8:57:00 | T3S2 | E | TRANSERVICIOS | 241SP1 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 8:58:00 | T3S2 | L | CARDENAL | 607EM7 | C-27 | INTERNATIONAL |  | D |  |  |  |
| Z | 8:58:00 | T3S2 | L | BOUCHE | 627SP1 | 7 | INTERNATIONAL |  | D |  |  |  |
| Z | 8:58:00 |  | E |  | 952SN9 |  | FREIGHTLINER |  | D |  |  | N |
| Z | 8:58:00 | T3S2 | L | KEMSA | 954SN9 | 37 | INTERNATIONAL |  | D |  |  |  |
| Z | 8:59:00 | T3S2 | L | DESIERTO NORTE | 435EM3 | 571 | INTERNATIONAL |  | D |  |  |  |
| Z | 8:59:00 | T3S2 | E | KEMSA | 966SN5 |  | FREIGHTLINER |  |  |  |  | N |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{aligned} & \text { FAST/ } \\ & \text { NF } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Z | 9:00:00 | T3S2 | L | DESIERTO NORTE | 433EM3 | 98 | KENWORTH |  | D |  |  |  |
| Z | 9:00:00 | T3S2 | E | KEMSA | 955SN9 |  | INTERNATIONAL | 1996 | D |  |  | N |
| Z | 9:01:00 | T3S2 | E | SOTELO | 729SP1 |  | INTERNATIONAL | 1989 | D |  |  | N |
| Z | 9:02:00 | T3S2 | E | DELFINES | 223CA5 | 45 | INTERNATIONAL | 1986 | D |  |  |  |
| Z | 9:02:00 | T3S2 | E | STIL | 459FA2 |  | INTERNATIONAL | 2002 | D |  |  | N |
| Z | 9:02:00 | T3S2 | L | MONARCA | 491SP1 | ML05 | INTERNATIONAL | 1993 | D |  |  |  |
| Z | 9:03:00 | T3S2 | E | AGUILA | 952SP1 | 19 | INTERNATIONAL |  | D |  |  |  |
| Z | 9:03:00 | SU2 | E | TPN | ZUP9046 | 880805Z | GMC |  | D |  |  | N |
| Z | 9:04:00 | T3S2 | L | MENA | 189EB3 | 7 | KENWORTH |  | D |  |  |  |
| Z | 9:05:00 | T3S2 | E | ESCALANTE | 557EM7 |  | FREIGHTLINER |  | D |  |  | N |
| Z | 9:05:00 | T3S2 | L | KENA | 957SN9 | 8 | INTERNATIONAL |  | D |  |  |  |
| Z | 9:06:00 | T3S2 | E | TRANSERVICIOS | 232SP1 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 9:07:00 | T3S2 | L | TRANS JD | 285SP1 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 9:07:00 | T3S2 | BT | $\begin{aligned} & \text { PATRICIO RUBIO } \\ & \text { LOZOYA } \\ & \hline \end{aligned}$ | 691EW8 | 1 | KENWORTH |  | D |  |  |  |
| Z | 9:09:00 | T3S2 | L | PATRICIA ROBLES | 529CB5 |  | KENWORTH |  | D |  |  | N |
| Z | 9:09:00 | T3S2 | E | JOSE LUIS MENDOZA | 643CB2 |  | FREIGHTLINER |  | D |  |  |  |
| Z | 9:09:00 | T3 | E | TORRES | 696SN9 |  | FREIGHTLINER | 1995 | D |  |  |  |
| Z | 9:10:00 | T3S2 | E |  | 545549 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 9:11:00 | T3S2 | E | TRL | 87102Z |  | FREIGHTLINER |  |  |  |  | N |
| Z | 9:12:00 | T3S2 | E | LYRMA | 387CA7 | 650990Z | VOLVO | 2000 | D |  |  | N |
| Z | 9:12:00 | T3 | E | TORRES | 440SN1 |  |  |  | D |  |  | N |
| Z | 9:12:00 | T3S2 | L | SOTELO |  | 128 |  |  | D |  |  |  |
| Z | 9:13:00 | T3S2 | E | SILT | 185SP1 | 15 | INTERNATIONAL | 1991 | D |  |  |  |
| Z | 9:13:00 | T3S2 | L | TX INTER GAS | 590EM7 | 392 | PETERBILT |  | D |  |  |  |
| Z | 9:13:00 | T3S2 | E | MENDOZA | 752CV5 |  | INTERNATIONAL | 2001 | D |  |  | N |
| Z | 9:15:00 | T3S2 | E | FLETES JUAREZ | 511SP1 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 9:15:00 | T3S2 | L | TRANS MAQ | 873SP1 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 9:15:00 | T3S2 | L | KEMSA | 956SN9 | 10 | FREIGHTLINER |  | D |  |  |  |
| Z | 9:16:00 | T3S2 | E | SOTELO | 261CA5 |  | DINA | 1998 | D |  |  | N |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{gathered} \text { FAST/ } \\ \text { NF } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Z | 9:17:00 | T3S2 | E | HALCONES | 053CA9 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 9:17:00 | T3S2 | E | SOTELO | 551SN9 | L-35 | INTERNATIONAL | 1986 | D |  |  |  |
| Z | 9:19:00 | T3S2 | BT | FMCH | 984SP1 | 384 | INTERNATIONAL |  | D |  |  |  |
| Z | 9:20:00 | T3S2 | E | CARDENAL | 606EM7 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 9:21:00 | T3S2 | E | SIETE | 647SP1 |  | INTERNATIONAL | 1994 | D |  |  | N |
| Z | 9:22:00 | T3S2 | E | RIOS RUBIO | 047D23 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 9:22:00 |  |  | AGUILA | 892SP1 | 76 | INTERNATIONAL |  | D |  |  |  |
| Z | 9:23:00 | T3S2 | E | SOTO | 937DZ2 |  | KENWORTH | 2000 | D |  |  | N |
| Z | 9:24:00 | T3S2 | L | LYRMA | 793CA7 |  | KENWORTH | 2001 | D |  |  | N |
| Z | 9:25:00 | T3S2 | L | ETF | 438CW5 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 9:25:00 |  |  | IBCA | DN90442 |  | KENWORTH |  | D |  |  |  |
| Z | 9:26:00 |  |  | TRANSERVICIOS | 248SP1 | 91 | INTERNATIONAL |  | D |  |  |  |
| Z | 9:26:00 |  |  | TV | 610EM3 | 35 |  |  | D |  |  |  |
| Z | 9:26:00 | T3S2 | E | TM | 735SN9 |  |  | 1989 | D |  |  | N |
| Z | 9:26:00 | T3S2 | E | TRANSERVICIOS | 916EM7 |  | FREIGHTLINER |  | D |  |  | NO |
| Z | 9:26:00 |  |  | SOTO | 946DZ2 |  | KENWORTH | 1997 | D |  |  |  |
| Z | 9:27:00 | T3S2 | E | SALCI |  |  | INTERNATIONAL |  | D |  |  | NO |
| Z | 9:28:00 | T3S2 | E | LYRMA | 736DZ4 | 6509902 | KENWORTH | 2003 | D |  |  | F |
| Z | 9:28:00 |  |  | TRANS QUIROZ | ZUP2538 | 216 |  |  | D |  |  |  |
| Z | 9:29:00 |  | L | SOTELO | 611EM7 | L12 | INTERNATIONAL | 1997 | D |  |  |  |
| Z | 9:29:00 | T3 | BT | TRAMESA | 845EM7 | 12 | INTERNATIONAL |  | D |  |  |  |
| Z | 9:30:00 | T3S2 | E | QUIROZ | 591SN9 | 1 | INTERNATIONAL |  | D |  |  |  |
| Z | 9:31:00 | T3S2 | L | DIAZ | 296SP1 | 19 | INTERNATIONAL |  | D |  |  |  |
| Z | 9:31:00 | T3 | E | ZOTIS | 465SP1 |  |  |  | D |  |  | N |
| Z | 9:32:00 | T3S2 | L | MENDOZA | 442SP1 | 113 | KENWORTH |  | D |  |  |  |
| Z | 9:32:00 | T3S2 | E | RIO GRANDE | 595SP1 |  | INTERNATIONAL |  | D |  |  |  |
| Z | 9:32:00 | T3S2 | E | SIETE | 645EM3 |  | FORD |  | D |  |  | N |
| Z | 9:33:00 | T3S2 | E | CARRASCO | 403EM3 | 16 | INTERNATIONAL |  | D |  |  |  |
| Z | 9:34:00 | T3S2 | L | SOTELO | 703SP1 |  | INTERNATIONAL | 1994 | D |  |  | N |


| BRIDGE | HOUR | $\begin{aligned} & \hline \text { VEH. } \\ & \text { TYPE } \end{aligned}$ | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{aligned} & \hline \text { FAST/ } \\ & \mathbf{N F} \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Z | 9:35:00 | T3 | BT | TBS | 812CA5 |  |  |  | D |  |  |  |
| Z | 9:36:00 | T3 |  | TRANS MEXICANOS | 556SP2 | 374 | FREIGHTLINER |  | D |  |  |  |
| Z | 9:36:00 | T3S2 | L | TNCH | 819EM7 |  |  |  | D |  |  | N |
| Z | 9:38:00 | SU2 |  | AGUILA | 558CA7 | C-25 | CHEVROLET |  | D |  |  |  |
| Z | 9:40:00 | T3S2 | E | TNCH | 419SP1 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 9:40:00 | T3S2 | L | CARDENAL | 604EM7 | 33 | INTERNATIONAL |  | D |  |  |  |
| Z | 9:40:00 | T3S2 | L | TRANS MAQ | 858SP1 |  | INTERNATIONAL |  | D |  |  |  |
| Z | 9:41:00 | SU2 | E | AGUILA |  |  | CHEVROLET |  | D |  |  | N |
| Z | 9:42:00 | T3S2 | E | INDIO | 641SP9 |  | KENWORTH |  | D |  |  |  |
| Z | 9:42:00 | T3S2 | L | TRANS MAQ | 645EM7 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 9:42:00 | T3S2 | E | LYRMA | 741DZ4 | 4 | KENWORTH | 2004 | D |  |  |  |
| Z | 9:43:00 | T3S2 | L | EXPRESS REFRIGERADORES DEL NTE. | 163CB2 | L07 | KENWORTH |  | D |  |  |  |
| Z | 9:43:00 | T3S2 | E | TRANS MAQ | 859SP1 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 9:44:00 | T3S2 | E | AGUILA | 886DZ4 | 1 | INTERNATIONAL |  | D |  |  |  |
| Z | 9:44:00 | T3S2 | E | TRAMESA | 959EM7 |  | INTERNATIONAL |  | D |  |  |  |
| Z | 9:46:00 | T3S2 |  | SOTELO | 541SN9 |  | INTERNATIONAL | 1989 | D |  |  |  |
| Z | 9:46:00 | T3S2 | E | RIO GRANDE | 593SP1 |  | INTERNATIONAL | 1993 | D |  |  | N |
| Z | 9:46:00 | T3 |  | YAZA TRANSFER | 769SN5 | L66 | INTERNATIONAL |  | D |  |  |  |
| Z | 9:48:00 | T3 |  | EIS | 342CA7 |  |  |  | D |  |  |  |
| Z | 9:48:00 | T3S2 | L | CONTRERAS | 673CA7 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 9:48:00 | T3S2 |  | TRANS MAQ | 929CA6 |  | CHEVROLET |  | D |  |  |  |
| Z | 9:49:00 | T3S2 |  | FMCH | 139SP1 | CI-022 | INTERNATIONAL |  | D |  |  |  |
| Z | 9:49:00 | T3S2 | E | TRANS MAQ | 367EM7 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 9:49:00 | SU2 | E | CAMPOS | ZUR2102 |  | GMC | 1978 | D |  |  | N |
| Z | 9:50:00 | T3S2 | E | AGUILA | 012SP1 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 9:50:00 | T3S2 | E | STIL | 285FA2 | 347 | INTERNATIONAL |  | D |  |  |  |
| Z | 9:50:00 | T3S2 | E | DEL NORTE | 442EM3 |  | INTERNATIONAL | 1992 | D |  |  | N |
| Z | 9:51:00 | T3 | E | EXPRESS HALCHISA | 601EM3 |  | FREIGHTLINER |  | D |  |  | N |
| Z | 9:51:00 | SU2 | E | SOTELO | ZUT1082 |  | FORD |  | D |  |  | N |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{aligned} & \text { FAST/ } \\ & \text { NF } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Z | 9:52:00 | T3S2 | L | TNCH | 740EM7 | 303 | FREIGHTLINER |  | D |  |  |  |
| Z | 9:52:00 | T3S2 | L | SOTELO | 992EM7 | 288923 | VOLVO | 1997 | D |  |  | N |
| Z | 9:53:00 | T3S2 |  | STIL | 358SP1 |  | INTERNATIONAL | 1996 | D |  |  | N |
| Z | 9:54:00 | T3S2 | E | DEHESA | 227SP1 | 65 | INTERNATIONAL | 1992 | D |  |  |  |
| Z | 9:54:00 | T3S2 | E | SOTELO | 748EM7 |  | VOLVO | 1996 | D |  |  | N |
| Z | 9:55:00 | T3S2 | E | TRACSO | 402SP1 | 87L | INTERNATIONAL |  | D |  |  |  |
| Z | 9:55:00 | T3S2 | E | DESIERTO NORTE | 453EM3 | 622 | INTERNATIONAL |  | D |  |  |  |
| Z | 9:55:00 | T3S2 | E | DEL NORTE | 454EM3 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 9:56:00 | T3S2 | E | TPN | 622SN9 | 880805Z | INTERNATIONAL |  | D |  |  | N |
| Z | 9:57:00 | T3S2 | L | SILT | 338EM3 | 58 | INTERNATIONAL | 1998 | D |  |  |  |
| Z | 9:57:00 | T3S2 | L | HERRERA | 804EM7 | 4 | FREIGHTLINER |  | D |  |  |  |
| Z | 9:57:00 | T3S2 | E | TNCH | 966SP1 |  | FREIGHTLINER |  | D |  |  | N |
| Z | 9:58:00 | T3S2 | L | QUIROZ | 410EM3 |  | INTERNATIONAL | 1986 | D |  |  | N |
| Z | 9:58:00 | T3S2 | E | SOTO | 939DZ2 | 33 | KENWORTH | 2000 | D |  |  |  |
| Z | 9:59:00 | T3S2 | E | TNCH | 068SP1 |  |  |  | D |  |  | N |
| Z | 9:59:00 | T3S2 | L | EXPRESS HALCHISA | 484EM3 | 82 | FREIGHTLINER |  | D |  |  |  |
| Z | 9:59:00 | T3S2 | E | TSE | 738CB5 | 38 | EAGLE |  | D |  |  |  |
| Z | 10:00:00 |  | E | DEHESA | 208SP1 |  | INTERNATIONAL |  | D |  |  | F |
| Z | 10:00:00 | T3 | BT | TRANS MEXICANOS | 553SP2 | TM-173 | FREIGHTLINER |  | D |  |  |  |
| Z | 10:00:00 | SU2 | E | TRANS MAQ | 693CA6 |  | CHEVROLET |  | D |  |  | N |
| Z | 10:01:00 | T3S2 | E | AGUILA | 918SN9 | 918SN9 | INTERNATIONAL |  | D |  |  |  |
| Z | 10:02:00 | T3S2 | E | TRANS MEXICANOS | 047SN1 | 733 | FREIGHTLINER |  | D |  |  |  |
| Z | 10:02:00 | T3S2 | L | DESIERTO NORTE | 463EM3 | 46 | INTERNATIONAL |  | D |  |  |  |
| Z | 10:02:00 | T3S2 | E | VARGAS | 918SP1 |  | INTERNATIONAL | 1992 | D |  |  |  |
| Z | 10:03:00 | SU2 | E | HERCA | 212CA5 |  | KENWORTH |  | D |  |  | N |
| Z | 10:03:00 | T3S2 | E | BOUCHE | 280EM3 | 2 | PETERBILT |  | D |  |  |  |
| Z | 10:05:00 | T3S2 | E | SOTELO | 518EM7 | 252983 | INTERNATIONAL | 1994 | D |  |  | N |
| Z | 10:05:00 | T3 | BT | RINCHEM | 896CW8 | H55 | KENWORTH |  | D |  |  |  |
| Z | 10:06:00 | T3S2 | E | TNCH | 069SP1 |  | INTERNATIONAL |  | D |  |  | N |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{aligned} & \hline \text { FAST/ } \\ & \mathbf{N F} \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Z | 10:09:00 | T3S2 | E | SOTELO | 322CA7 | 632798 | INTERNATIONAL | 1985 | D |  |  | N |
| Z | 10:09:00 | SU2 | L | INDIO | ZUS5798 |  | GMC |  | D |  |  |  |
| Z | 10:10:00 | T3 | BT | TPN | 634SN9 | $880805 Z$ | INTERNATIONAL |  | D |  |  | N |
| Z | 10:10:00 | T3S2 | L | ETF | 938SN9 | P-29 | KENWORTH | 1991 | D |  |  |  |
| Z | 10:10:00 | T3S2 | E | FMCH | 978SN9 | CI036 | INTERNATIONAL |  | D |  |  |  |
| Z | 10:11:00 | T3S2 | L | SOTELO | 744EM7 | 25-8923 | VOLVO | 1996 | D |  |  |  |
| Z | 10:12:00 | T3S2 | L | STIL | 769EM7 |  | INTERNATIONAL | 1998 | D |  |  | N |
| Z | 10:13:00 | T3S2 | L | TRAMESA | 963EM7 | 1000875 | INTERNATIONAL |  | D |  |  |  |
| Z | 10:15:00 | T3S2 | E | SOTELO | 207EM3 | L003 | INTERNATIONAL | 1995 | D |  |  |  |
| Z | 10:15:00 | SU2 | E | HERCA | 277CA5 |  |  |  | D |  |  | N |
| Z | 10:16:00 | T3S2 | L | CARDENAL | 203SP1 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 10:17:00 | T3S2 | L | DRAGON | 785SP1 | $634569 Z$ | INTERNATIONAL |  | D |  |  |  |
| Z | 10:17:00 | SU2 | L | RIO GRANDE | ZUR9813 | 5 | INTERNATIONAL |  | D |  |  |  |
| Z | 10:19:00 | T3S2 | L | KEMSA | 958SN9 | 6 | KENWORTH |  | D |  |  |  |
| Z | 10:19:00 | SU2 | E | OPTRON | DL39956 |  | INTERNATIONAL |  | D |  |  | F |
| Z | 10:20:00 | T3S2 | E | SALCI | 20058 | T16 | INTERNATIONAL |  | D |  |  |  |
| Z | 10:20:00 | T3S2 | L | DEL NORTE | 438EM9 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 10:20:00 | T3S2 | L | RIO GRANDE | 747SN9 | 35 |  | 1993 | D |  |  |  |
| Z | 10:21:00 | T3S2 | L | ESCALANTE | 223EM3 |  | KENWORTH |  | D |  |  |  |
| Z | 10:22:00 | T3 | E | TRANS JD | 288SP1 |  | KENWORTH |  | D |  |  | F |
| Z | 10:22:00 | T3 | BT | HERRERA | 666C25 | $691659 Z$ | INTERNATIONAL |  | D |  |  |  |
| Z | 10:23:00 | T3S2 | E | ELSA MENDOZA | 888CB3 |  | KENWORTH |  | D |  |  | F |
| Z | 10:24:00 | T3S2 | E | DEL NORTE | 456EM3 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 10:25:00 | T3S2 | E | TRANS MAQ | 612SN9 | 118 | INTERNATIONAL | 1986 | D |  |  |  |
| Z | 10:26:00 | T3S2 | E | STIL | 278EM3 | 356 | INTERNATIONAL | 1998 | D |  |  |  |
| Z | 10:26:00 | T3S2 | E | ETF | 462CW5 | P63 | INTERNATIONAL |  | D |  |  |  |
| Z | 10:27:00 | SU2 | E | TNCH | ZUT7093 |  | GMC |  | D |  |  | F |
| Z | 10:28:00 | T3S2 |  | DRAGON | 800SP1 | $634569 Z$ |  |  | D |  |  |  |
| Z | 10:29:00 | T3S2 | L | AGUILA | 830SP1 |  | FREIGHTLINER |  | D |  |  | N |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{aligned} & \text { FAST/ } \\ & \text { NF } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Z | 10:30:00 | T3S2 | E | STIL | 379SP1 |  | INTERNATIONAL | 1996 | D |  |  | F |
| Z | 10:30:00 | T3S2 |  | STIL | 965FA2 | 389 | PETERBILT | 2000 | D |  |  |  |
| Z | 10:32:00 | T3S2 | E | PADILLA | 839SP1 |  | FREIGHTLINER | 1991 | D |  |  | N |
| Z | 10:33:00 | T3S2 | L | TX INTER GAS | 059SP1 | 409 | VOLVO |  | D |  |  |  |
| Z | 10:33:00 | T3S2 | E | LYRMA | 790CA7 | 650990Z | VOLVO | 2001 | D |  |  |  |
| Z | 10:35:00 | SU2 | E | ANDUJO | ZUR7003 |  | GMC |  | D |  |  | N |
| Z | 10:36:00 | T3S2 |  | SOTELO | 706SP1 | L75 | INTERNATIONAL | 1994 | D |  |  |  |
| Z | 10:38:00 | T3S2 | E | AGUILA | 903SN9 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 10:40:00 | T3S2 |  | SETI | 253EM3 | 2016 | INTERNATIONAL |  | D |  |  |  |
| Z | 10:40:00 | T3S2 | E | TRANSERVICIOS | 406SP1 |  | VOLVO |  | D |  |  | N |
| Z | 10:40:00 | SU2 |  |  | ZUS2300 | 12 | FREIGHTLINER |  | D |  |  |  |
| Z | 10:41:00 | T3S2 | L | SOTO | 928DZ2 |  | KENWORTH | 1997 | D |  |  | N |
| Z | 10:42:00 | T3S2 | E | DEL NORTE | 452EM3 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 10:42:00 | T3S2 |  | ZOTIS | 625EM7 | 19 | FREIGHTLINER | 1997 | D |  |  |  |
| Z | 10:43:00 | T3S2 | E | LYRMA | 530CA7 |  | VOLVO | 2001 | D |  |  | N |
| Z | 10:43:00 | T3S2 |  | ETF | 937SN9 | P28 | KENWORTH | 1991 | D |  |  |  |
| Z | 10:45:00 | T3S2 | L | RAMOS | 449EM3 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 10:45:00 | T3S2 |  | LYRMA | 730DZ4 |  | KENWORTH | 2003 | D |  |  |  |
| Z | 10:46:00 | T3S2 | E | TRANSERVICIOS | 246SP1 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 10:47:00 | T3S2 | E | AGUILA | 016SP1 |  | INTERNATIONAL |  | D |  |  |  |
| Z | 10:48:00 | T3S2 |  | AGUILA | 895SP1 | 81 | FREIGHTLINER |  | D |  |  |  |
| Z | 10:49:00 | T3S2 |  | ARTURO GARCIA | 145CB5 |  | FREIGHTLINER |  | D |  |  |  |
| Z | 10:49:00 | SU2 | E | CARDENAL | ZW4143 |  | GMC |  | D |  |  |  |
| Z | 10:51:00 | T3S2 | L | SOTELO | 549SN9 |  | INTERNATIONAL | 1986 | D |  |  |  |
| Z | 10:51:00 | T3S2 | E | KEMSA | 954SN9 | 37 | INTERNATIONAL |  | D |  |  |  |
| Z | 10:52:00 | SU2 | E | RAMOS | 878CW8 |  | KENWORTH | 1999 | D |  |  |  |
| Z | 10:52:00 | SU2 | E | RODEO | ZW3516 |  | GMC |  | D |  |  |  |
| Z | 10:53:00 | T3S2 | E | ESCALANTE | 466EM3 |  | FREIGHTLINER |  | D |  |  |  |
| Z | 10:54:00 | T3S2 | L | TRUCK | 541EM3 |  | INTERNATIONAL |  | D |  |  |  |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{gathered} \text { FAST/ } \\ \text { NF } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Z | 10:55:00 | T3S2 | E | KEMSA | 952SN9 | 49 | WHITE GMC | 1992 | D |  |  |  |
| Z | 10:56:00 | T3S2 | E | YONKE EL PITUFO | 658EM7 |  | KENWORTH |  | D |  |  |  |
| Z | 10:56:00 | SU2 | E | LYRMA | 692CA7 |  | VOLVO | 2001 | D |  |  |  |
| Z | 10:56:00 | T3S2 | E | IMPERIAL | 805SN9 |  | INTERNATIONAL |  | D |  |  |  |
| Z | 10:58:00 | T3S2 | E | FMCH | 569EM7 | CI007 | FREIGHTLINER | 1998 | D |  |  |  |
| Z | 10:58:00 | SU2 | L | JBCA | 608CB5 | 14C | FREIGHTLINER |  | D |  |  |  |
| Z | 11:00:00 | T3S2 | E | TRANS MEXICANOS | 041SN1 | 751 | INTERNATIONAL |  | D |  |  |  |
| Z | 11:00:00 | T3S2 | L | QUIROZ | 599SN9 |  | KENWORTH |  | D |  |  | N |
| Z | 11:05:00 | T3S2 | E | SILT | 166SP1 | 8 | INTERNATIONAL | 1989 | D |  |  |  |
| Z | 11:06:00 | T3S2 | E | GALLARDO | 376EM3 | 27 | INTERNATIONAL |  | D |  |  |  |
| Z | 11:08:00 | T3S2 |  | TRANSERVICIOS | 403SP1 | 85L | INTERNATIONAL |  | D |  |  |  |
| Z | 11:09:00 | T3S2 |  | TRANSERVICIOS | 245SP1 | 79L | INTERNATIONAL |  | D |  |  |  |
| Z | 11:10:00 | T3S2 | E | ZOTIS | 006SP2 | 14 | INTERNATIONAL |  | D |  |  |  |
| Z | 11:10:00 | T3S2 |  | RODRIGUEZ | 671EM7 | RG03 | INTERNATIONAL |  | D |  |  |  |
| Z | 11:15:00 | T3S2 | E | TRANSP EP | 445SP1 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 11:16:00 | T3S2 | E | ORDEL | 130SP1 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 11:17:00 | T3S2 |  | DEHESA | 207SP1 | 53 | INTERNATIONAL |  | D |  |  |  |
| Z | 11:17:00 | T3S2 | E | ZOTIS | 626EM7 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 11:18:00 | T3 | BT | DEHESA | 210SP1 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 11:20:00 | T3S2 | E | LYRMA | 387CA7 |  | VOLVO | 2000 | D |  |  | N |
| Z | 11:20:00 | T3 | BT | DEHESA | 607SP1 | 138 | INTERNATIONAL |  | D |  |  |  |
| Z | 11:21:00 | T3S2 |  | TRACSO | 425SP1 | SOL04 | KENWORTH |  | D |  |  |  |
| Z | 11:21:00 | T3S2 | L | DEL ANGEL | 835SP1 |  | INTERNATIONAL |  |  |  |  | N |
| Z | 11:45:00 | T3S2 |  | TLM | 435DJ4 | 159 |  |  | D |  |  |  |
| Z | 11:46:00 | T3S2 | E | SITSA | 982EM7 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 11:46:00 | SU2 |  |  |  |  | INTERNATIONAL |  | D |  |  |  |
| Z | 11:47:00 | T3S2 | E | FMCH | 141SP1 | SI055 | INTERNATIONAL |  | D |  |  |  |
| Z | 11:47:00 | T3S2 | E | DEL NORTE | 436EM3 |  | INTERNATIONAL | 1994 | D |  |  | N |
| Z | 11:48:00 | T3S2 |  | MONARCA | 491SP1 | ML05 | INTERNATIONAL | 1993 | D |  |  |  |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{gathered} \text { FAST/ } \\ \text { NF } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Z | 11:49:00 | SU2 | E | AUTOTRANSPORTES | DM47547 |  | FORD |  | D |  |  | N |
| Z | 11:50:00 | T3S2 | L | PRAXAIR | PT84971 |  | KENWORTH |  | D |  |  | N |
| Z | 12:00:00 | SU2 | E | SOTELO | ZUS7232 |  | GMC |  | D |  |  | N |
| Z | 12:02:00 | SU2 | E | AGUILA | 876DZ4 |  | KENWORTH |  | D |  |  | N |
| Z | 12:02:00 | T3S2 | L | ASFALTOS DE LA FRONTERA | DN97394 | 543 | INTERNATIONAL |  | D |  |  |  |
| Z | 12:04:00 | T3S2 | E |  | 528SP1 | 1237 | INTERNATIONAL |  | D |  |  |  |
| Z | 12:04:00 | T3S2 | E | ZOTIS | 681EM7 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 12:05:00 | T3S2 | L | SILT | 187SP1 | 17 | INTERNATIONAL | 1989 | D |  |  |  |
| Z | 12:06:00 | T3S2 | L | GUAYHANOS | 620CB5 | 80 | EAGLE |  | D |  |  |  |
| Z | 12:07:00 | T3S2 | L | RS | 718CB3 |  | VOLVO |  | D |  |  | N |
| Z | 12:08:00 | T3 | BT | ETF | 192CW6 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 12:08:00 | T3S2 | L | SILT | 319EM3 | 70 | INTERNATIONAL | 1996 | D |  |  |  |
| Z | 12:08:00 | T3S2 | L | RENE SIQUEIROS | 818D22 | 5 | INTERNATIONAL |  | D |  |  |  |
| Z | 12:09:00 | T3S2 | E | TRANS MAQ | 852SP1 | 6 | INTERNATIONAL |  | D |  |  |  |
| Z | 12:10:00 | T3S2 | BT | 5 HERMANOS | 036CB5 | 4 | KENWORTH |  | D |  |  |  |
| Z | 12:10:00 | SU2 | E | TORRES | 699SN1 |  |  |  | D |  |  | N |
| Z | 12:11:00 | T3S2 | E | STIL | 274EM3 |  | INTERNATIONAL | 1998 | D |  |  | F |
| Z | 12:11:00 | T3S2 | E | ECO | 502CA7 | 30 | KENWORTH |  | D |  |  |  |
| Z | 12:12:00 | SU2 | L | HERCA | 220CA5 | 4 | KENWORTH |  | D |  |  |  |
| Z | 12:13:00 | T3S2 | E | RAZA | 688SP1 |  | INTERNATIONAL |  | D |  |  | F |
| Z | 12:13:00 | T3S2 | E | AUTO LINEAS DEL SOL | 833CA8 | 3 | INTERNATIONAL |  | D |  |  |  |
| Z | 12:14:00 | T3S2 | E | VARGAS | 212EM3 |  |  |  | D |  |  | N |
| Z | 12:15:00 | SU2 | E | DEHESA | DN83989 |  | RAM |  | D |  |  | N |
| Z | 12:16:00 | T3S2 | L | DESIERTO NORTE | 458EM3 | 912 | INTERNATIONAL |  | D |  |  |  |
| Z | 12:17:00 | T3S2 | E | DESIERTO NORTE | 457EM3 | 911 | INTERNATIONAL |  | D |  |  |  |
| Z | 12:17:00 | T3S2 | L | VARELA SERGIO | 471EM3 |  | INTERNATIONAL |  | D |  |  |  |
| Z | 12:18:00 | T3S2 | E | RAMOS | 659SN9 | 236 | INTERNATIONAL |  | D |  |  |  |
| Z | 12:20:00 | T3S2 | E | AGUILA | 948SP1 |  | INTERNATIONAL |  | D |  |  |  |
| Z | 12:20:00 | T3S2 | E | STIL | 961FA2 |  | INTERNATIONAL | 2000 | D |  |  |  |


| BRIDGE | HOUR | VEH. | LOADED | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{aligned} & \text { FAST/ } \\ & \mathrm{NF} \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| z | 12:21:00 | T3S2 | E | TRANS MEXICANOS | 603SN9 |  | INTERNATIONAL |  | D |  |  |  |
| z | 12:21:00 | T3S2 | E | RESINAS SINTETICAS |  |  | INTERNATIONAL |  | D |  |  |  |
| z | 12:22:00 | T3S2 | L | RESINAS SINTETICAS | NF89081 | 1 | KENWORTH |  | D |  |  |  |
| z | 12:25:00 | T3S2 | L | ORDEL | 284EM3 |  | INTERNATIONAL |  | D |  |  |  |
| z | 12:25:00 | T3S2 | L | VARGAS | 86CA6 | 10 | INTERNATIONAL |  | D |  |  |  |
| z | 12:25:00 | SU2 | E | TRANSP BOUCHE | ZUT3905 |  | GMC |  | D |  |  |  |
| z | 12:26:00 | T3S2 | L | CAMPOS | 805EM7 |  | INTERNATIONAL |  | D |  |  |  |
| z | 12:26:00 | T3 |  | TRES GUERRAS | 940ER3 | 457 | EAGLE |  | D |  |  |  |
| z | 12:27:00 | T3S2 | E | QUINTA RUEDA | 199SP1 | 3 | FREIGHTLINER |  | D |  |  |  |
| z | 12:29:00 | T3S2 | L | LYRMA | 794CA7 |  | Volvo | 2001 | D |  |  |  |
| z | 12:31:00 | T3S2 | E | VARGAS | 667EM3 | 8618062 | INTERNATIONAL |  | D |  |  |  |
| z | 12:31:00 | T3S2 | L | LYRMA | 841CA7 |  | Volvo | 2001 | D |  |  |  |
| z | 12:32:00 | SU2 | L | STIL | 854CW8 |  |  | 2004 | D |  |  |  |
| z | 12:35:00 | T3S2 | E | SILT | 183SP1 |  | INTERNATIONAL | 1994 | D |  |  |  |
| z | 12:38:00 | T3S2 | E | zotis | 627EM7 | 6834282 | International |  | D |  |  |  |
| z | 12:39:00 | T3S2 | E | LYRMA | 265CA7 |  | Volvo | 2000 | D |  |  |  |
| z | 12:39:00 | T3S2 | L |  | 307SP1 | 27 | INTERNATIONAL |  | D |  |  |  |
| z | 12:40:00 | T3S2 | L | STIL | 361SP1 |  | INTERNATIONAL | 1996 | D |  |  |  |
| z | 12:40:00 | T3S2 | E | RIO RUBIO | 856CB3 | 60 | KENWORTH |  | D |  |  |  |
| z | 12:41:00 | T3S2 | L | TRANSP EP | 443SP1 | 37 | INTERNATIONAL |  | D |  |  |  |
| z | 12:41:00 | T3S2 | L | KEMSA | 955SN9 |  | INTERNATIONAL | 1996 | D |  |  | F |
| z | 12:42:00 | T3S2 | L | LYRMA | 793CA7 |  | Volvo | 2001 | D |  |  | N |
| z | 12:42:00 | SU2 | L | AGUILA | 877DZ4 | 311 | KENWORTH |  | D |  |  |  |
| z | 12:45:00 | T3S2 | L | TAURUS SMART | 634SP1 |  | INTERNATIONAL |  | D |  |  | F |
| z | 12:45:00 | SU2 | E | TERMOTEC (TC) | DK95257 |  | mercedez |  | D |  |  |  |
| z | 12:47:00 | T3S2 | L | AVALOS | 262SP1 |  | INTERNATIONAL |  | D |  |  |  |
| z | 12:47:00 | T3S2 | E | DEL ANGEL | 832SP1 | 1 | FREIGHTLINER |  | D |  |  |  |
| z | 12:48:00 | T3 | BT | TRES GUERRAS | 112BYZ |  | KENWORTH |  | D |  |  |  |
| z | 12:48:00 | SU2 | E | LYRMA | 849DZ4 | 350 | KENWORTH | 2005 | D |  |  |  |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{gathered} \text { FAST/ } \\ \text { NF } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Z | 12:49:00 | T3 | BT | TRES GUERRAS | 419BYZ |  | KENWORTH |  | D |  |  |  |
| Z | 12:49:00 | SU2 | L | TRANS MAQ | 692CA6 | $710383 Z$ | CHEVROLET |  | D |  |  |  |
| Z | 12:50:00 | T3S2 | L | ANGELES AZULES | 115SP1 |  | INTERNATIONAL |  | D |  |  |  |
| Z | 12:50:00 | T3S2 | L | TRANSERVICIOS | 407SP1 | 43-L | INTERNATIONAL |  | D |  |  |  |
| Z | 12:51:00 | T3S2 | E | VARGAS | 522EM3 |  | FREIGHTLINER |  | D |  |  |  |
| Z | 12:53:00 | T3S2 | L | TEXAS LP STORAGE | 503CA6 |  | PETERBILT |  | D |  |  |  |
| Z | 12:53:00 | T3S2 | L | ELSA MENDOZA | 735D22 | 5 | KENWORTH |  | D |  |  |  |
| Z | 12:53:00 | T3S2 | E | PADILLA | 837SP1 | 84 | FREIGHTLINER |  | D |  |  |  |
| Z | 12:55:00 | T3S2 | E | SIETE | 386EM3 | TH-11 | INTERNATIONAL | 1982 | D |  |  |  |
| Z | 12:55:00 | T3S2 | L | ELSA MENDOZA | 583CL5 | 17 | KENWORTH |  | D |  |  |  |
| Z | 12:56:00 | T3 |  | TRANS JD | 285SP1 |  | INTERNATIONAL |  | D |  |  |  |
| Z | 12:57:00 | T3 | E | TRES GUERRAS | 079EX4 |  | FREIGHTLINER |  | D |  |  | N |
| Z | 12:57:00 | T3S2 | L | LYRMA | 267CA7 |  | VOLVO | 2000 | D |  |  |  |
| Z | 12:58:00 | T3S2 | E | STIL | 982SN9 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 12:59:00 | SU2 | L | TNCH | ZUT7094 |  | GMC | 1992 | D |  |  | N |
| Z | 13:00:00 | T3S2 | L | ORDEL | 098SP1 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 13:00:00 | T3S2 | E | TRACSO | 423SP1 | SOL-10 | INTERNATIONAL |  | D |  |  |  |
| Z | 13:00:00 | T3S2 | E | STIL | 960FA2 | 38A | INTERNATIONAL | 2000 | D |  |  |  |
| Z | 13:02:00 | T3S2 | E | QUIROZ | 595SN9 | 9 | INTERNATIONAL |  | D |  |  |  |
| Z | 13:02:00 | T3S2 | L | SALCI | 928SN9 |  | KENWORTH |  | D |  |  | N |
| Z | 13:03:00 | T3S2 | L | TRUCKING | 207CB5 |  | KENWORTH |  | D |  |  | N |
| Z | 13:03:00 | T3S2 | E | INDIO | 645SN9 | 27 | INTERNATIONAL |  | D |  |  |  |
| Z | 13:05:00 | T3S2 | L | STIL | 376SP1 | 304 | INTERNATIONAL | 1996 | D |  |  |  |
| Z | 13:05:00 | T3S2 | E | SOTELO | 707SP1 | L 46 | INTERNATIONAL | 1987 | D |  |  |  |
| Z | 13:05:00 | SU2 | E | FLETES MOLINA | 945D24 | 38 | INTERNATIONAL |  | D |  |  |  |
| Z | 13:06:00 | T3S2 | L | RAZA | 685SP1 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 13:07:00 | T3S2 | E | DESIERTO NORTE | 456EM3 | 900 | INTERNATIONAL |  | D |  |  |  |
| Z | 13:07:00 | T3S2 | L | RAZA | 690SP1 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 13:08:00 | T3S2 | E | CARDENAL | 603EM7 |  | INTERNATIONAL |  | D |  |  | N |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{aligned} & \hline \text { FAST/ } \\ & \text { NF } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Z | 13:09:00 | T3S2 | E | SOTELO | 543SN9 |  | INTERNATIONAL | 1994 | D |  |  | N |
| Z | 13:09:00 | T3S2 | E | LYRMA | 715DZ4 | 75 | KENWORTH | 2005 | D |  |  |  |
| Z | 13:10:00 | T3S2 | L | ZOTIS | 628EM7 |  | INTERNATIONAL | 1992 | D |  |  | N |
| Z | 13:10:00 | T3S2 | L | KEMSA | 954SN9 | 37 | FREIGHTLINER |  | D |  |  |  |
| Z | 13:11:00 | T3S2 | E | TNCH | 419SP1 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 13:12:00 | T3 | BT | TRES GUERRAS | 093DY9 |  | KENWORTH |  | D |  |  | N |
| Z | 13:14:00 | T3S2 | L | BOUCHE | 880EM7 | 7 | FREIGHTLINER |  | D |  |  |  |
| Z | 13:15:00 | T3S2 | E | TNCH | 819EM7 |  | EAGLE |  | D |  |  | N |
| Z | 13:16:00 | T3S2 | E | TRANS MAQ | 632EM3 | 26 | FREIGHTLINER |  | D |  |  |  |
| Z | 13:16:00 | T3S2 | E | RIO GRANDE | ZUR9814 |  | GMC |  | D |  |  | N |
| Z | 13:17:00 | T3S2 | L | TRANS JD | 287SP1 | 5 | KENWORTH |  | D |  |  |  |
| Z | 13:17:00 | T3S2 | E | PRAXAIR | PS60510 | 640568 | KENWORTH |  | D |  |  |  |
| Z | 13:18:00 | T3S2 | L | SILT | 324EM3 | $689929 Z$ | FREIGHTLINER | 1993 | D |  |  |  |
| Z | 13:18:00 | T3S2 | E | TRAGASA | 566CU8 |  | KENWORTH |  | D |  |  | N |
| Z | 13:20:00 | T3S2 | BT | QUIROZ | 5985N9 | 10 | FREIGHTLINER |  | D |  |  |  |
| Z | 13:20:00 | T3S2 | E | TRANS MAQ | 633EM3 |  | INTERNATIONAL |  | D |  |  | F |
| Z | 13:22:00 | SU2 | L | ECO | 707CA7 |  | FORD |  | D |  |  |  |
| Z | 13:22:00 | T3S2 | L | TRANSP EP | 749EM7 | 6330562 | INTERNATIONAL |  | D |  |  |  |
| Z | 13:24:00 | T3S2 | L | DIAZ | 293SP1 |  | INTERNATIONAL |  | D |  |  |  |
| Z | 13:25:00 | T3S2 | E | AGUILA | 900SP1 |  | INTERNATIONAL |  | D |  |  |  |
| Z | 13:26:00 | T3S2 | L | TRANSPORTES. GERONIMO | 449SP1 |  | FREIGHTLINER |  | D |  |  |  |
| Z | 13:26:00 | T3S2 | E | LYRMA | 741DZ4 |  | KENWORTH | 2004 | D |  |  |  |
| Z | 13:27:00 | T3S1 | E | AUTOEXPRESS TLC | 464CA7 |  | FREIGHTLINER |  |  |  |  |  |
| Z | 13:27:00 | T3S2 | E | TRANS MAQ | 772EM7 | 132 | INTERNATIONAL |  | D |  |  |  |
| Z | 13:28:00 | T3S2 | L | STAGE COACH | 132SN1 | 282628 | INTERNATIONAL |  | D |  |  |  |
| Z | 13:28:00 | SU2 | L | STIL | 862CA6 |  | INTERNATIONAL | 1998 | D |  |  |  |
| Z | 13:30:00 | T3S2 | L | ESCALANTE | 677SP1 |  | KENWORTH |  | D |  |  | N |
| Z | 13:30:00 | T3S2 | E | SOTELO | 746CA6 | F-59 | INTERNATIONAL | 1985 | D |  |  |  |
| Z | 13:30:00 | SU2 | E | ANDUJO | ZUU6007 | 14 |  |  | D |  |  |  |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{gathered} \text { FAST/ } \\ \text { NF } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Z | 13:32:00 | T3 | BT | HERCA | 552SP1 | L-13 | INTERNATIONAL |  | D |  |  |  |
| Z | 13:32:00 | T3S2 | E | KEMSA | 957SN9 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 13:34:00 | T3S2 | L | KEMSA | 958SN9 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 13:36:00 | T3S2 | E | SOTELO | 323CA7 | 693 | INTERNATIONAL | 1985 | D |  |  |  |
| Z | 13:36:00 | T3S2 | E | KEMSA | 405CX6 |  | FREIGHTLINER |  |  |  |  | N |
| Z | 13:37:00 | T3S2 | E | LYRMA | 730DZ4 |  | KENWORTH | 2003 | D |  |  | N |
| Z | 13:38:00 | T3S2 | E | TRANSERVICIOS | 242SP1 | 105 L | INTERNATIONAL |  | D |  |  |  |
| Z | 13:39:00 | T3S2 | L | VARGAS | 882SP1 | 105 L | EAGLE |  | D |  |  |  |
| Z | 13:39:00 | SU2 | E | STIL | 883CW8 |  | INTERNATIONAL | 2001 | D |  |  | N |
| Z | 13:40:00 | T3S2 | E | STIL | 395SP1 |  | INTERNATIONAL | 1998 | D |  |  | N |
| Z | 13:40:00 | T3S2 | E | TRANSERVICIOS | 405SP1 | 66 L | KENWORTH |  | D |  |  |  |
| Z | 13:40:00 | T3S2 | E | TPN | 623SN9 | 74 | INTERNATIONAL |  | D |  |  |  |
| Z | 13:40:00 | T3 | BT | KEMSA | 952SN9 | 604849 | FREIGHTLINER |  | D |  |  |  |
| Z | 13:45:00 | T3S2 | L | LYRMA | 790CA7 |  | VOLVO | 2001 | D |  |  | N |
| Z | 13:48:00 | T3S2 | L | TRANSERVICIOS | 229SP1 |  | KENWORTH |  | D |  |  | N |
| Z | 13:49:00 | SU2 | E | AGUILA | 873DZ4 |  | INTERNATIONAL |  | D |  |  |  |
| Z | 13:50:00 | T3S2 | E | TRANSERVICIOS | 399SP1 | 992 | INTERNATIONAL |  | D |  |  |  |
| Z | 13:50:00 | T3S2 | E | VRP | 651SP1 | 6620582 | INTERNATIONAL |  | D |  |  |  |
| Z | 13:50:00 | T3S2 | L | KEMSA | 966SN5 |  | FREIGHTLINER |  | D |  |  | N |
| Z | 13:52:00 | T3S2 | E | ESCALANTE | 223EM3 |  | KENWORTH |  | D |  |  | N |
| Z | 13:53:00 | T3S2 | BT | VARELA | 713SN9 | 1 | FREIGHTLINER |  | D |  |  |  |
| Z | 13:53:00 | T3S2 | E | AGUILA | 952SP1 | 19 | INTERNATIONAL |  | D |  |  |  |
| Z | 13:54:00 | SU2 | E |  | ZUT7824 |  |  |  | D |  |  | N |
| Z | 13:55:00 | SU2 | E | HERCA | 271CA5 | RI 10 | KENWORTH |  | D |  |  |  |
| Z | 13:55:00 | T3S2 | E |  | ZUP9074 |  | GMC |  | D |  |  | N |
| Z | 13:56:00 | T3S2 | E | SOTELO | 396CA7 |  | INTERNATIONAL | 1986 | D |  |  | N |
| Z | 13:57:00 | T3S2 | L | SILT | 175SP1 | 36 | INTERNATIONAL | 1993 | D |  |  |  |
| Z | 13:58:00 | SU2 | E | AGUILA | 555CA7 |  | CHEVROLET |  | D |  |  |  |
| Z | 13:58:00 | T3S1 | L | STIL | 762EM7 | 342 | INTERNATIONAL | 1998 | D |  |  |  |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{aligned} & \text { FAST/ } \\ & \text { NF } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Z | 13:58:00 | T3S1 | E | ANDUJO | 898EM7 | 667366 | VOLVO | 1998 | D |  |  |  |
| Z | 13:58:00 | SU2 | E | RAMOS | ZUR2763 |  | FORD |  | D |  |  | N |
| Z | 14:00:00 | T3S2 | E | RAMOS | 453SP1 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 14:00:00 | T3S1 | E | KEMSA | 956SN9 |  | FREIGHTLINER |  | D |  |  |  |
| Z | 14:03:00 | T3S2 | E | STIL | 981SN9 |  | INTERNATIONAL | 1997 | D |  |  | N |
| Z | 14:05:00 | T3S2 | E | STIL | 515FA2 |  | FREIGHTLINER | 1998 | D |  |  | N |
| Z | 14:05:00 | T3S1 | L | SOTELO | 728SP1 | L 129 | INTERNATIONAL | 1990 | D |  |  |  |
| Z | 14:06:00 | T3S2 | L | STIL | 286FA2 |  | FREIGHTLINER | 1997 | D |  |  | N |
| Z | 14:07:00 | T3S2 | E | TNCH | 068SP1 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 14:07:00 | SU2 | L | SOTELO | ZUS7229 | 24 | GMC |  | D |  |  |  |
| Z | 14:08:00 | T3S2 | L | ENRI | 311CA7 |  | FREIGHTLINER |  | D |  |  | N |
| Z | 14:10:00 | T3S2 | L | VARGAS | 516CA7 |  | INTERNATIONAL |  | D |  |  |  |
| Z | 14:10:00 | T3S2 | L | TRG | 793SN9 | 43 | INTERNATIONAL |  | D |  |  |  |
| Z | 14:10:00 | T3S2 | L | FMCH | 977SP1 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 14:12:00 | T2 | E | DE LOS RIO RUBIO | DM78939 |  | NISAN |  | D |  |  |  |
| Z | 14:13:00 | T3S2 | E | SOTELO | 397CA7 |  | INTERNATIONAL | 1986 | D |  |  |  |
| Z | 14:15:00 | T3S2 | E | TRANSERVICIOS | 666EM7 | 86 | INTERNATIONAL | 1996 | D |  |  |  |
| Z | 14:15:00 | SU2 | L | IBCA | DM49979 |  | NISAN |  | D |  |  |  |
| Z | 14:16:00 | T3S2 | E | SILT | 337EM3 | 57 | INTERNATIONAL | 1997 | D |  |  |  |
| Z | 14:17:00 | SU2 | E | AGUILA | 852DZ4 | 235 | INTERNATIONAL |  | D |  |  |  |
| Z | 14:17:00 | SU2 | L | IBCA | DM49478 |  | NISAN |  | D |  |  |  |
| Z | 14:19:00 | T3S2 | L | LYRMA | 529CA7 |  | VOLVO | 2001 | D |  |  |  |
| Z | 14:20:00 | SU2 | E | AGUILA | 881024 |  | INTERNATIONAL |  | D |  |  |  |
| Z | 14:21:00 | T3S2 | L | SILT | 169SP1 |  | INTERNATIONAL | 1993 | D |  |  |  |
| Z | 14:21:00 | T3 | BT | TBS | 816CA5 | 23 | KENWORTH |  | D |  |  |  |
| Z | 14:23:00 | T3S2 | L | TEXAS LP STORAGE | 948EM7 |  | KENWORTH |  | D |  |  |  |
| Z | 14:24:00 | T3S2 | L | SOTELO | 743EM7 |  | VOLVO | 1996 | D |  |  |  |
| Z | 14:25:00 | T3S2 | E | ESCALANTE | 557EM7 | 804391 | FREIGHTLINER |  | D |  |  |  |
| Z | 14:25:00 | T3S2 | L | VARELA SERGIO | 647EM7 |  | INTERNATIONAL |  | D |  |  |  |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{aligned} & \hline \text { FAST/ } \\ & \text { NF } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Z | 14:26:00 | T3S2 | L | CALIFORNIA GAS TRANS | 811EM7 |  | VOLVO |  | D |  |  |  |
| Z | 14:27:00 | T3S2 | E | SILT | 339EM3 | 44 | INTERNATIONAL | 1995 | D |  |  |  |
| Z | 14:27:00 | T3S2 | L | ASPA | DK82691 |  | INTERNATIONAL |  | D |  |  |  |
| Z | 14:28:00 | T3S2 | L | SETI | 822SN9 |  |  | 1991 | D |  |  |  |
| Z | 14:29:00 | T3S2 | L | SCHNEIDER | 566SP1 |  | INTERNATIONAL |  | D |  |  |  |
| Z | 14:30:00 | T3S2 | L | HERRERA | 458CB5 | 2 | KENWORTH |  | D |  |  |  |
| Z | 14:30:00 | T3S2 | L | T EMILIANO ZAPATA EL TULE | 669CB1 |  | INTERNATIONAL |  | D |  |  |  |
| Z | 14:30:00 | T3S2 | E | TRAMESA | 904EM7 | L15 | KENWORTH |  | D |  |  |  |
| Z | 14:31:00 | T3S2 | E | TNCH | 740EM7 |  | INTERNATIONAL |  | D |  |  |  |
| Z | 14:32:00 | SU2 | L | DRAGON | ZUS4439 | $634569 Z$ | GMC |  | D |  |  |  |
| Z | 14:33:00 | T3S2 | L | DESIERTO NORTE | 464EM3 | 916 | INTERNATIONAL |  | D |  |  |  |
| Z | 14:33:00 | SU2 | E | ECO | 706CA7 |  |  |  | D |  |  |  |
| Z | 14:34:00 | T3S2 | E | TNCH | 379SP1 | 288 | FREIGHTLINER |  | D |  |  |  |
| Z | 14:34:00 | SU2 | E | RIO GRANDE | 911CW8 |  |  |  | D |  |  |  |
| Z | 14:35:00 | T3S2 | E | TRANSERVICIOS | 241SP1 |  | INTERNATIONAL |  | D |  |  |  |
| Z | 14:35:00 | T3S2 | L | STIL | 379SP1 | 306 | INTERNATIONAL | 1996 | D |  |  |  |
| Z | 14:35:00 | T3S2 | E | SIETE | 644EM3 | TH16 | FORD |  | D |  |  |  |
| Z | 14:35:00 | T3S2 | L | DEHESA | 647EM7 | 777 | INTERNATIONAL |  | D |  |  |  |
| Z | 14:36:00 | T3S2 | E | SOTELO | 549SN9 |  | INTERNATIONAL | 1986 | D |  |  |  |
| Z | 14:36:00 | T3S2 | L | TNCH | 916EM7 |  | FREIGHTLINER |  | D |  |  |  |
| Z | 14:37:00 | T3S2 | L | STIL | 375SP1 | 302 | INTERNATIONAL | 1996 | D |  |  |  |
| Z | 14:37:00 | T3S2 | E | 5 HERMANOS | 542EM3 |  | FREIGHTLINER |  | D |  |  |  |
| Z | 14:38:00 | T3S2 | E | STAGE COACH | 130SN1 |  |  |  | D |  |  |  |
| Z | 14:39:00 | T3S2 | E | DIAZ | 294SP1 |  | INTERNATIONAL |  | D |  |  |  |
| Z | 14:39:00 | SU2 | E | T PN | ZUT4830 | L52 | GMC |  | D |  |  |  |
| Z | 14:40:00 | T3S3 | E | TM | 229SN9 | TM-170 | FREIGHTLINER |  | D |  |  |  |
| Z | 14:40:00 | T3S2 | E | SOTELO | 940CA6 |  | INTERNATIONAL | 1986 | D |  |  |  |
| Z | 14:41:00 | T3S2 | L | TRAMESA | 902EM7 |  | FREIGHTLINER |  | D |  |  |  |
| Z | 14:42:00 | T3S2 | L | TNCH | 069SP1 |  | INTERNATIONAL |  | D |  |  |  |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{gathered} \text { FAST/ } \\ \text { NF } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Z | 14:43:00 | T3S3 | E | DEHESA | 211SP1 | 60 | INTERNATIONAL |  | D |  |  |  |
| Z | 14:43:00 | T3S2 | E | MENA | 793SP1 |  | INTERNATIONAL |  | D |  |  |  |
| Z | 14:44:00 | T3S2 | E | CARRASCO | 409EM3 |  | FREIGHTLINER | 1995 | D |  |  |  |
| Z | 14:45:00 | T3S2 | E | zOTIS | 006SP2 |  |  |  | D |  |  |  |
| Z | 14:46:00 | T3S2 | E | TRACSO | 129SP1 |  | INTERNATIONAL |  | D |  |  |  |
| Z | 14:47:00 | T3S2 | L | EXPRESS HALCHISA | 495EM3 |  | FREIGHTLINER |  | D |  |  |  |
| Z | 14:48:00 | T3S3 | E | STIL | 205FA1 |  | KENWORTH | 1996 | D |  |  |  |
| Z | 14:49:00 | T3S2 | L | CALIFORNIA GAS TRANS | 813EM7 |  | VOLVO |  | D |  |  |  |
| Z | 14:50:00 | T3S2 |  | CARDENAL | 604EM7 |  |  |  | D |  |  |  |
| Z | 14:51:00 | T3S2 | L | STIL |  |  |  |  | D |  |  |  |
| Z | 14:52:00 | T3S2 | E | TORRES | 018SN7 |  | INTERNATIONAL | 1998 | D |  |  |  |
| Z | 14:53:00 | T3S2 | E | DESIERTO NORTE | 438EM3 |  | INTERNATIONAL |  | D |  |  |  |
| Z | 14:54:00 | T3S2 | L | TM | 226SN9 |  | FREIGHTLINER |  | D |  |  |  |
| Z | 14:55:00 | T3S2 | L | TRANSP EP | ZUS7888 |  | GMC |  | D |  |  |  |
| Z | 14:56:00 | T3S2 | L | RODRIGUEZ | 671EM7 |  | INTERNATIONAL |  | D |  |  |  |
| Z | 14:57:00 | T3S2 | E | STIL | 358SP1 |  | INTERNATIONAL | 1996 | D |  |  |  |
| Z | 14:58:00 | T3S2 | E | RIO RUBIO | 912DZ2 |  | INTERNATIONAL |  | D |  |  |  |
| Z | 14:59:00 | T3S2 | E |  | 260SP1 |  | INTERNATIONAL |  | D |  |  |  |
| Z | 15:00:00 | SU2 | E | AGUILA | 870DZ4 |  | INTERNATIONAL | 2001 | D |  |  |  |
| Z | 15:00:00 | T3S3 | E | TX LPG STORAGE | 922EM7 | 109 | KENWORTH |  | D |  |  |  |
| Z | 15:01:00 | T3S3 | E | LYRMA | 842DZ4 |  | KENWORTH | 2003 | D |  |  |  |
| Z | 15:02:00 | T3 | BT | TRES GUERRAS | 217BY9 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 15:03:00 | T3 | BT | TRES GUERRAS | 079BY6 |  | KENWORTH |  | D |  |  | N |
| Z | 15:03:00 | T3S3 | E | IBD | DM18888 | 80 | KENWORTH |  | D |  |  |  |
| Z | 15:04:00 | T3S2 | E | ECO | 500CA7 |  | KENWORTH |  | D |  |  | N |
| Z | 15:06:00 | T3S2 | L | LYRMA | 530CA7 |  | VOLVO | 2001 | D |  |  | N |
| Z | 15:08:00 | T3S2 | L | SILT | 320EM3 | 69 | INTERNATIONAL | 1996 | D |  |  |  |
| Z | 15:08:00 | T3S2 | E | SOTELO | 702SP1 | L-86 | INTERNATIONAL | 1994 | D |  |  |  |
| Z | 15:08:00 | SU2 | E | TPN | ZUP9096 | $880805 Z$ | GMC |  | D |  |  | N |


| BRIDGE | HOUR | $\begin{aligned} & \hline \text { VEH. } \\ & \text { TYPE } \end{aligned}$ | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{aligned} & \hline \text { FAST/ } \\ & \text { NF } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Z | 15:09:00 | T3S2 | E | LYRMA | 265CA7 |  | VOLVO | 2000 | D |  |  | N |
| Z | 15:10:00 | T3S2 | E | KEMSA | 955SN9 |  | INTERNATIONAL | 1996 | D |  |  | N |
| Z | 15:11:00 | T3 | E | zOTIS | 465SP1 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 15:13:00 | T3S2 | E | SOTO | 746DZ2 |  | KENWORTH | 2005 | D |  |  | N |
| Z | 15:14:00 | SU2 | L | SILT | ZUU8484 |  | FORD | 1995 | D |  |  | N |
| Z | 15:15:00 | T3S2 | L | HERCA | 546SP1 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 15:15:00 | T3 | BT | RODRIGUEZ | 630EM3 |  | FREIGHTLINER | 1989 | D |  |  |  |
| Z | 15:16:00 | T3S2 | L | LYRMA | 692CA7 |  | VOLVO | 2001 | D |  |  |  |
| Z | 15:17:00 | T3S2 | L | VRP | 120SP1 | $662058 Z$ | INTERNATIONAL | 1985 | D |  |  | N |
| Z | 15:17:00 | SU2 | E | RUZZY | DN83989 | 482 | RAM |  | D |  |  |  |
| Z | 15:18:00 | T3S2 | L | STIL | 315SP1 |  | INTERNATIONAL | 1994 | D |  |  | N |
| Z | 15:18:00 | T3S2 | E | TRANS PACALD | 322CY6 | 9 | KENWORTH |  | D |  |  |  |
| Z | 15:18:00 | T3S2 | E | TRACSO | 795CA7 | SOL-02 | VOLVO |  | D |  |  |  |
| Z | 15:19:00 | T3S2 | E | STIL | 278EM3 | 356 | INTERNATIONAL | 1998 | D |  |  |  |
| Z | 15:19:00 | T3 | BT | ECO | 720D24 |  | KENWORTH |  | D |  |  |  |
| Z | 15:20:00 | T3S2 | L | MONARCA | 491SP1 | ML05 | INTERNATIONAL | 1993 | D |  |  |  |
| Z | 15:20:00 | T3S2 | E | SERVICIOS MONTES EXPRESS | 690CW8 |  | FREIGHTLINER |  | D |  |  | N |
| Z | 15:22:00 | T3 | BT | TRES GUERRAS | 092EK4 |  | FREIGHTLINER |  | D |  |  | N |
| Z | 15:22:00 | T3S2 | E | LYRMA | 949DZ4 |  | INTERNATIONAL | 1999 | D |  |  |  |
| Z | 15:23:00 | T3S2 | E | LYRMA | 736DZ4 | 6509902 | KENWORTH | 2003 | D |  |  | N |
| Z | 15:25:00 | T3S2 | E | STIL | 758EM7 |  | INTERNATIONAL | 2004 | D |  |  | N |
| Z | 15:26:00 | T3S2 | E |  | 728EM7 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 15:27:00 | T3S2 | E | TORRES | 016SN7 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 15:28:00 | T3S2 | E | TORRES | 020SN7 |  | INTERNATIONAL | 1995 | D |  |  | N |
| Z | 15:28:00 | T3S2 | E | BOUCHE | 627SP1 | 3 | VOLVO |  | D |  |  |  |
| Z | 15:29:00 | T3S2 | E | SINDICATO STA. ROSA | 879SP1 |  | INTERNATIONAL |  | D |  |  | N |
| Z | 15:30:00 | T3S2 | E | TORRES | 6983N1 | T-11 | INTERNATIONAL |  | D |  |  |  |
| Z | 15:32:00 | SU2 | E | TRANS MAQ | ZUP8512 |  |  |  | D |  |  | N |
| Z | 15:33:00 | T3 | BT | TK | 454SN9 |  |  |  | D |  |  | N |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{aligned} & \text { FAST/ } \\ & \text { NF } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Z | 15:34:00 | SU2 | L | HERCA | 277CA5 |  |  |  | D |  |  | N |
| Z | 15:35:00 | T3S2 | E | TORRES | 131SN1 | T-45 | INTERNATIONAL | 1990 | D |  |  |  |
| Z | 15:36:00 | T3S1 | L | STIL | 374SP1 |  | INTERNATIONAL | 1998 | D |  |  | N |
| Z | 15:36:00 | T3S2 | E | RODRIGUEZ | 670EM7 | RG04 | INTERNATIONAL |  | D |  |  |  |
| Z | 15:40:00 | T3S2 | E | STIL | 357SP1 | 283 | INTERNATIONAL | 1996 | D |  |  |  |
| Z | 15:40:00 | T3S2 | E | STIL | 370SP1 |  | INTERNATIONAL | 1996 | D |  |  |  |
| Z | 15:41:00 | T3S2 | L | RIOS RUBIO | 939CB1 | 77 | INTERNATIONAL |  | D |  |  |  |
| Z | 15:41:00 | T3S2 | E | KEMSA | 952SN9 | 49 | FREIGHTLINER |  | D |  |  |  |
| Z | 15:41:00 | SU2 | E | TPN | ZUP8377 | 880805Z | GMC |  | D |  |  |  |
| Z | 15:42:00 | T3S2 | E | STIL | 368SP1 | 295 | INTERNATIONAL | 1996 | D |  |  |  |
| Z | 15:42:00 | T3S2 | E | SOTELO | 412SP1 |  | INTERNATIONAL | 1984 | D |  |  |  |
| Z | 15:42:00 | T3S2 | E | STIL | 447FA6 |  | FREIGHTLINER | 2002 | D |  |  |  |
| Z | 15:43:00 | T3S2 | E | STIL |  |  |  |  | D |  |  |  |
| Z | 15:44:00 | T3S2 | E | TRANSERVICIOS | 248SP1 |  | INTERNATIONAL |  | D |  |  |  |
| Z | 15:45:00 | T3S2 | L | STIL | 607FA1 | 293 | FREIGHTLINER | 1998 | D |  |  |  |
| Z | 15:45:00 | T3S2 | E | VRP | 950EM7 |  | INTERNATIONAL |  | D |  |  | F |
| Z | 15:46:00 | T3S2 | E | STIL | 281FA2 |  | FREIGHTLINER | 1998 | D |  |  |  |
| Z | 15:47:00 | T3S2 | E | CARDENAL | 203SP1 |  | INTERNATIONAL |  | D |  |  |  |
| Z | 15:48:00 | SU2 | E | STIL | 881CW8 |  | INTERNATIONAL | 2000 | D |  |  |  |
| Z | 15:48:00 | T3S2 | E | TPN | ZUR9091 | 880805Z | GMC |  | D |  |  |  |
| Z | 15:49:00 | T3S2 | E | TRANSERVICIOS | 634EM7 |  | KENWORTH |  | D |  |  |  |
| Z | 15:50:00 | T3S2 | E | SOTO | 942D22 |  | KENWORTH | 2004 | D |  |  |  |
| Z | 15:51:00 | SU2 | E | TPN | ZUT4826 | 880805Z | GMC |  | D |  |  |  |
| Z | 15:52:00 | T3S2 | E | TRANS JD | 227CA8 | $606698 Z$ | KENWORTH |  | D |  |  |  |
| Z | 15:53:00 | SU2 | L | EDT | DL00530 |  | RAM | 2001 | D |  |  |  |
| Z | 15:54:00 | T3S2 | E | RIO GRANDE | 843SN9 |  |  |  | D |  |  |  |
| Z | 15:55:00 | T3S2 | E | ECO | 843CW8 |  | KENWORTH |  | D |  |  |  |
| Z | 15:56:00 | T3S2 | E | OPTRON | DL39956 |  | INTERNATIONAL |  | D |  |  |  |
| Z | 15:57:00 | T3S2 | E | TRANSERVICIOS | 401SP1 |  |  |  |  |  |  |  |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{gathered} \text { FAST/ } \\ \text { NF } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Z | 16:00:00 | T3S2 | L | KEMSA | 956SN9 |  | FREIGHTLINER |  |  |  |  |  |
| Z | 16:01:00 | T3S2 | E | TRANSERVICIOS | 232SP1 |  | INTERNATIONAL |  |  |  |  |  |
| Z | 16:02:00 | T3 | E |  | 685EM3 |  | INTERNATIONAL |  |  |  |  |  |
| Z | 16:02:00 | T3S2 | E |  | ZUS4690 | 6679912 |  |  | D |  |  | NF |
| Z | 16:03:00 | T3S2 |  | HERRERA | 101CB5 | $710383 Z$ |  |  |  |  |  |  |
| Z | 16:05:00 | T3S2 |  | zOTIS | 629EM7 | 557870Z | INTERNATIONAL |  |  |  |  |  |
| Z | 16:05:00 | T3S2 | E | TM | 735SN9 | 6834282 | INTERNATIONAL | 1989 |  |  |  |  |
| Z | 16:06:00 | T3S2 |  | ETF | 462CW5 |  | INTERNATIONAL |  |  |  |  |  |
| Z | 16:06:00 | SU2 | L |  | DM08452 |  | FORD |  |  |  |  |  |
| Z | 16:10:00 | T3S2 | L | TRANSERVICIOS | 422SP1 | $779973 Z$ | INTERNATIONAL |  |  |  |  |  |
| Z | 16:10:00 | T3S2 | E | T TEXAS | 778SP1 |  | KENWORTH |  |  |  |  |  |
| Z | 16:12:00 | T3S2 | E | AGUILA | 262SP1 | 258273 | INTERNATIONAL |  | D |  |  | F |
| Z | 16:13:00 | T25 |  | DIABLO | 75CB4 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 16:13:00 | T3S2 | L | LECHUGA | 845CA4 |  | KENWORTH |  | D |  |  | F |
| Z | 16:14:00 | T3S2 |  | ETF | 034Z9 | 557870 | KENWORTH |  | D |  |  | NF |
| Z | 16:14:00 | T3S2 |  | TRANSERVICIOS | 2465P1 | 5587902 | INTERNATIONAL |  | D |  |  | NF |
| Z | 16:14:00 | T3S2 |  |  | 750LS | 7822072 | FREIGHTLINER |  | D |  |  | NF |
| Z | 16:15:00 | T3S2 |  | AGUILA | 892SP1 | 555365 | INTERNATIONAL |  | D |  |  | NF |
| Z | 16:16:00 | T3S2 |  | PACIFIC | 338SN1 | 517587 | FREIGHTLINER |  | D |  |  | NF |
| Z | 16:16:00 | T3S2 |  | RAMOS | 499EM3 | $624695 Z$ | INTERNATIONAL | 1999 | D |  |  | NF |
| Z | 16:17:00 | T3S2 |  | LYRMA | 526CA7 |  | VOLVO | 2001 | D |  |  | NF |
| Z | 16:17:00 | T3 | E | OSDEL | 548EM3 | 6066982 | KENWORTH |  |  |  |  |  |
| Z | 16:17:00 | T2 | E |  | DM65208 | 797400 | FORD |  |  |  |  |  |
| Z | 16:18:00 |  |  | ORDEL | 130SP1 | 838490Z | INTERNATIONAL |  |  |  |  |  |
| Z | 16:18:00 | T3S2 |  |  | 767SP9 |  | KENWORTH |  | D |  |  | NF |
| Z | 16:20:00 | T3S2 | E | AGUILA | 335CA9 | 669480 | INTERNATIONAL |  |  |  |  |  |
| Z | 16:20:00 | T3S2 |  | TRANS MEXICANOS | 557SN2 | 52371110 | FREIGHTLINER |  | D |  |  | NF |
| Z | 16:20:00 | T3S2 | L | TRANSERVICIOS | 895SP1 | $555365 Z$ | INTERNATIONAL |  |  |  |  |  |
| Z | 16:21:00 | T3S2 | L |  | 665CM2 | $691659 Z$ | KENWORTH |  |  |  |  |  |


| BRIDGE | HOUR | $\begin{aligned} & \hline \text { VEH. } \\ & \text { TYPE } \end{aligned}$ | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{aligned} & \hline \text { FAST/ } \\ & \text { NF } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Z | 16:22:00 | SU2 |  |  | SU778870 | 789655 | GMC |  |  |  |  |  |
| Z | 16:23:00 | T3S2 | L | SILT | 182SP1 | 689929 | INTERNATIONAL | 1994 |  |  |  |  |
| Z | 16:24:00 | T3S2 | L | ETF | 44CW5 | 557870Z | INTERNATIONAL |  |  |  |  |  |
| Z | 16:25:00 |  |  | TNCH | 063SP1 |  | INTERNATIONAL |  |  |  |  |  |
| Z | 16:25:00 | T3S2 | L | TPN | 622SN9 | $880805 Z$ | INTERNATIONAL |  | D |  |  | NF |
| Z | 16:26:00 | T3S2 | L | STAR | 592SD9 | 00557889Z | INTERNATIONAL |  |  |  |  |  |
| Z | 16:26:00 | T3S2 | L | LYRMA | 791CA7 | 650990Z | VOLVO | 2001 | D |  |  | NF |
| Z | 16:27:00 | T3S2 | L | TRANS PUBLICO FEDERAL | 552 |  | DINA |  | D |  |  | NF |
| Z | 16:27:00 | T3S2 | E | LOZOYA | 578CB5 | $811381 Z$ | KENWORTH |  |  |  |  |  |
| Z | 16:29:00 | T3S2 | L | TRANS MEXICANOS | 556SP2 | 710381Z | FREIGHTLINER |  | D |  |  | NF |
| Z | 16:30:00 |  | L | TDL | 918CF4 |  | KENWORTH |  |  |  |  |  |
| Z | 16:30:00 | T3S2 | L | SOTELO | ZUTS | 458270 | GMC |  | D |  |  | NF |
| Z | 16:35:00 | T3S2 | L | SOTO | 44EM3 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 16:35:00 | SU2 | E | SOTO | ZUU1420 | 632798 | GMC | 1998 |  |  |  |  |
| Z | 16:37:00 | T3S2 | L | TRANS MEXICANOS | 603SN9 |  |  |  |  |  |  |  |
| Z | 16:37:00 | T3S2 | L |  | 927DZ2 |  | KENWORTH |  | D |  |  | NF |
| Z | 16:37:00 | T3S2 | E | STIL | 958FA2 | 0557341Z | INTERNATIONAL | 2000 |  |  |  |  |
| Z | 16:38:00 | T3S2 |  | TRANS MEXICANOS | 555SP2 |  | FREIGHTLINER |  |  |  |  |  |
| Z | 16:40:00 | T3S2 | L | TRASCO | 114SP1 |  | INTERNATIONAL |  | D |  |  | F |
| Z | 16:40:00 | T3S2 |  | ANDUJO | 898EM7 | 667366 | VOLVO | 1998 |  |  |  |  |
| Z | 16:41:00 | T3S2 | L |  | 440SN9 | 958923 |  |  | D |  |  |  |
| Z | 16:42:00 | T3S2 | L | TORRES | 665SN9 | 055717Z | INTERNATIONAL |  | D |  |  | NF |
| Z | 16:42:00 | T3 | E | KEMSA | 957SN9 | 604849 | INTERNATIONAL |  | D |  |  | NF |
| Z | 16:42:00 | T3S2 | E | STIL | 962FA2 | 557341 |  | 2000 | D |  |  | F |
| Z | 16:42:00 |  | E | TPN | SUP9095 | $880805 Z$ | GMC |  |  |  |  |  |
| Z | 16:43:00 | SU2 | E | TPN | 634SN9 | $880805 Z$ | INTERNATIONAL |  |  |  |  |  |
| Z | 16:44:00 | T3S2 | L | SILT | 328EM3 | $689929 Z$ | FREIGHTLINER | 1993 |  |  |  |  |
| Z | 16:45:00 | T3S2 | L | RIO GRANDE | 595SP1 |  | INTERNATIONAL |  |  |  |  |  |
| Z | 16:46:00 | T3 | E | TORRES | 385EM3 | $322199 Z$ | INTERNATIONAL |  | D |  |  | NF |


| BRIDGE | HOUR | $\begin{aligned} & \text { VEH. } \\ & \text { TYPE } \end{aligned}$ | LOADED IEMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{gathered} \text { FAST/ } \\ \mathrm{NF} \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Z | 16:47:00 | T3S2 | L | RIO GRANDE | 654CB5 |  |  |  | D |  |  | NF |
| Z | 16:48:00 | T3S2 | L | DEHESA | 213SP1 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 16:48:00 | T3S2 | L | TM | 552SP2 | 7103812 | FREIGHTLINER | 1999 | D |  |  | NF |
| Z | 16:49:00 | T3S2 | L | FLETES JUAREZ | 938D24 |  |  |  | D |  |  | NF |
| Z | 16:50:00 | T3S2 | L | TNCH | 962SP1 |  | FREIGHTLINER | 1995 | D |  |  | NF |
| Z | 16:53:00 | T3S2 | L |  | 439EM3 |  |  |  | D |  |  | NF |
| Z | 16:54:00 | T3S2 | L | STIL | 605FA1 |  | FREIGHTLINER | 1998 | D |  |  | F |
| Z | 16:55:00 | T3S2 | L | STIL | 274EM3 |  | INTERNATIONAL | 1998 | D |  |  | NF |
| Z | 16:56:00 | T3S2 | L | M. MOLINA | 611SP1 |  |  |  | D |  |  | NF |
| Z | 16:56:00 | T3S2 | L |  | 836CB5 |  | KENWORTH |  | D |  |  | NF |
| z | 16:57:00 | T3 | E | FMCH | 569EM7 | 1053118 | INTERNATIONAL | 1998 | D |  |  | NF |
| Z | 16:58:00 | T3S2 | L | OSDEL | 098SP1 | 8384902 |  |  | D |  |  | NF |
| Z | 16:58:00 | T3S2 | L | FMCH | 571EM7 |  |  |  | D |  |  | NF |
| z | 16:59:00 | T3S2 | L | TNCH | 062SP1 |  | INTERNATIONAL | 1995 | D |  |  | NF |
| z | 16:59:00 | T3S2 | L | CE | 606EM7 |  | International |  | D |  |  | NF |
| z | 17:00:00 | T3S2 | L | TRANSP CALIF | 859EM1 | 589266 |  |  | D |  |  | NF |
| z | 17:00:00 | T3S2 | L | SOTO | 932DZ2 |  |  | 1998 | D |  |  | NF |
| z | 17:01:00 | T3S2 | L | FMCH | 984SP1 |  |  |  | D |  |  | NF |
| z | 17:02:00 | T3S2 | L | SILT | 318EM3 | 6899292 | INTERNATIONAL | 1996 | D |  |  | NF |
| Z | 17:03:00 | T3S2 | L | SILT | З33ЕМ3 | $689924 Z$ | INTERNATIONAL | 1995 | D |  |  | NF |
| Z | 17:04:00 | T3S2 | L | SILT | 334EM3 | $689929 Z$ | INTERNATIONAL | 1995 | D |  |  | NF |
| Z | 17:05:00 | T3S2 | L | QUINTA RUEDA | 199SP1 |  | FREIGHTLINER |  | D |  |  | NF |
| Z | 17:05:00 | T3S2 | L | STIL | 280FA2 |  | FREIGHTLINER | 1997 | D |  |  | F |
| z | 17:05:00 | T3S2 | L | TNCH | 810EM7 |  | KENWORTH |  | D |  |  | NF |
| z | 17:06:00 | T3S2 | L | QUIROZ | 543SN9 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 17:06:00 | T3S2 | L |  | 901SP1 | $158923 Z$ | INTERNATIONAL |  | D |  |  | NF |
| z | 17:10:00 | T3S2 | L | STIL | 326SP1 |  |  | 1993 | D |  |  | F |
| z | 17:10:00 | T3S2 | L | STIL | 964FA2 |  | FREIGHTLINER | 2000 | D |  |  | NF |
| Z | 17:11:00 | T3S2 | L | TRANSERVICIOS | 233SP1 |  | FREIGHTLINER |  | D |  |  | NF |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{aligned} & \text { FAST/ } \\ & \text { NF } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Z | 17:13:00 | T3S2 | L | TX INTER GAS | 086SP1 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 17:13:00 | T3S2 | L | VARGAS | 800SP1 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 17:14:00 | T3S2 | L | TX | 214001 |  | FREIGHTLINER |  | D |  |  | NF |
| Z | 17:15:00 | T3S2 | E | TM | 341SN1 |  | FREIGHTLINER |  | D |  |  | F |
| Z | 17:15:00 | T3S2 | L | VARGAS | 816EM7 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 17:16:00 | T3S2 | L | SOTELO | 541SN9 |  | INTERNATIONAL | 1989 |  |  |  | NF |
| Z | 17:17:00 | T3S2 | L | CONIN | 117SP1 |  | INTERNATIONAL |  |  |  |  | NF |
| Z | 17:18:00 | SU2 | E | THC | 220CA5 |  |  |  | D |  |  | NF |
| Z | 17:18:00 | T3S2 | E | DEL NORTE | 456EM3 |  |  |  | D |  |  | NF |
| Z | 17:19:00 | T3S2 | L | STAGE COACH | 274SN7 |  | FREIGHTLINER |  | D |  |  | F |
| Z | 17:19:00 | T3S2 | L | TRES CASTILLOS | 555EM3 |  |  |  | D |  |  | NF |
| Z | 17:20:00 | T3S2 | L | AGUILA | 890SP1 |  | INTERNATIONAL |  | D |  |  | F |
| Z | 17:21:00 | T3S2 | L | STAGE COACH | 132SN1 |  | INTERNATIONAL |  | D |  |  | F |
| Z | 17:21:00 | T3S2 | L | LYRMA | 715DZ4 |  | KENWORTH | 2005 | D |  |  | NF |
| Z | 17:24:00 | T3S2 | L | TNCH | 036SP1 |  | FREIGHTLINER | 1995 | D |  |  | NF |
| Z | 17:25:00 | T3S2 | L | DESIERTO NORTE | 441EM3 | $1161732 Z$ | INTERNATIONAL | 1993 | D |  |  | NF |
| Z | 17:25:00 | T3S2 | E | BKT | 656SP1 | $62658 Z$ | INTERNATIONAL |  | D |  |  | NF |
| Z | 17:26:00 | T3S2 | E | STIL | 285FA2 |  | FREIGHTLINER |  |  |  |  |  |
| Z | 17:26:00 | T3S2 | E | RIOS RUBIO | 526CB5 |  | FREIGHTLINER |  |  |  |  |  |
| Z | 17:26:00 | T3S2 | L | SOTELO | 543SN9 | $258923 Z$ | INTERNATIONAL | 1994 | D |  |  | NF |
| Z | 17:27:00 | T3S2 |  | TSCH | 520EM3 |  | KENWORTH |  |  |  |  |  |
| Z | 17:28:00 | T3S2 | L | DESIERTO NORTE | 442EM3 |  | INTERNATIONAL | 1992 |  |  |  |  |
| Z | 17:28:00 | T3S2 | E | DESIERTO NORTE | 460EM3 |  | INTERNATIONAL |  |  |  |  |  |
| Z | 17:29:00 | SU2 |  | HERCA | 212CA5 |  | KENWORTH |  |  |  |  |  |
| Z | 17:30:00 |  |  | DESIERTO NORTE | 452EM3 |  | INTERNATIONAL |  |  |  |  |  |
| Z | 17:30:00 | T3S2 | E | FMCH | 570EM7 | 556899 | INTERNATIONAL |  | D |  |  | NF |
| Z | 17:30:00 | T3S2 | E | TRANS MAQ | 678EM7 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 17:31:00 | T3 | E | TSCH | 419SP1 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 17:32:00 | T3S2 | L | RIO GRANDE | 593SP1 |  | INTERNATIONAL | 1993 | D |  |  | NF |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{gathered} \text { FAST/ } \\ \text { NF } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Z | 17:33:00 | T3S2 | L | FROCH | 973SP1 | $1053018 Z$ | INTERNATIONAL |  | D |  |  | NF |
| Z | 17:40:00 | T3S2 | L | TM | 250DD1 | 710381 |  |  | D |  |  | NF |
| Z | 17:41:00 | T3S2 | L | STIL | 212SP1 | 557341 |  | 1998 | D |  |  | F |
| Z | 17:42:00 | T3S2 | L | DEL ANGEL | 832SP1 | 7122212 | FREIGHTLINER |  | D |  |  | NF |
| Z | 17:43:00 | T3S2 | L | AGUILA | 830SP1 | 5553652 |  |  | D |  |  | F |
| Z | 17:44:00 | T3S2 |  | LYRMA | 724DZ4 | 650990Z | KENWORTH | 2005 |  |  |  |  |
| Z | 17:45:00 | T3S2 | E | RODRIGUEZ | 668EM7 | 1207678 Z |  |  |  |  |  |  |
| Z | 17:45:00 | T3S2 | BT | SOTO | 941DZ2 |  | KENWORTH | 2004 |  |  |  |  |
| Z | 17:46:00 | T3S2 | L | AGUILA | 805SP1 | 555365Z | INTERNATIONAL |  |  |  |  |  |
| Z | 17:46:00 | T3S2 | BT | SOTO | 940DZ2 | 555365Z | KENWORTH | 2000 |  |  |  |  |
| Z | 17:47:00 | T3S2 | L | PADILLA | 536SP1 | 711125Z | FREIGHTLINER |  |  |  |  |  |
| Z | 17:48:00 | T3S2 | L | TNCH | 418SP1 | 258790Z | INTERNATIONAL | 1993 |  |  |  |  |
| Z | 17:48:00 | T3S2 | L | SOTELO | 746EM7 |  | VOLVO | 1996 |  |  |  |  |
| Z | 17:49:00 | T3S2 | L | TRANSERVICIOS | 239SP1 | 767991 | INTERNATIONAL |  |  |  |  |  |
| Z | 17:50:00 | T3S2 | L | ETF | 577CK8 | $832973 Z$ | INTERNATIONAL |  |  |  |  |  |
| Z | 17:51:00 | T3S2 | L | STIL | 514EM3 |  | INTERNATIONAL | 1998 | D |  |  | NF |
| Z | 17:51:00 | T3S2 | L | STIL | 985SP9 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 17:52:00 | T3S2 | L | CONIN | SUS4708 | 767991 | INTERNATIONAL |  |  |  |  |  |
| Z | 17:54:00 | T3S2 | L | STAR | 7805N9 | $832973 Z$ | FREIGHTLINER |  |  |  |  |  |
| Z | 17:56:00 | T3S2 | L | STIL | 372SP1 |  | INTERNATIONAL | 1996 | D |  |  | NF |
| Z | 17:57:00 | T3S2 | L | TNCH | 066SP1 |  | FREIGHTLINER | 1993 | D |  |  | NF |
| Z | 17:57:00 | T3S2 | L | TORRES | 860SN7 |  | INTERNATIONAL |  |  |  |  |  |
| Z | 17:58:00 | T3S2 | L | ETF | 438CW5 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 17:59:00 | T3S2 | L | STIL | 284FAZ |  |  | 1997 | D |  |  | F |
| Z | 17:59:00 | T3S2 | L | VARGAS | 882SP1 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 18:00:00 | T3S2 | L | YAZA TRANSFER | 769SN5 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 18:00:00 | T3S2 | L | T. CALIF | R4NJ04 | 559266 | KENWORTH |  |  |  |  |  |
| Z | 18:01:00 |  |  | PADILLA | 125SP1 |  | INTERNATIONAL | 1990 |  |  |  |  |
| Z | 18:02:00 | T3S2 | L | STIL | 361SP1 |  | INTERNATIONAL | 1996 | D |  |  | NF |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{gathered} \text { FAST/ } \\ \text { NF } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Z | 18:02:00 | T3S2 | E | STIL | 632SP1 | 0557341Z | INTERNATIONAL | 1998 | D |  |  | F |
| Z | 18:03:00 | T3S2 | E | TRANSP EP | 443SP1 |  |  |  | D |  |  | NF |
| Z | 18:03:00 |  |  | RODRIGUEZ | 669EM7 |  | INTERNATIONAL |  |  |  |  |  |
| Z | 18:04:00 | T3S2 | L | TRANSERVICIOS | 406SP1 |  | KENWORTH |  | D |  |  | NF |
| Z | 18:04:00 |  |  | T. CALIF | 856EM7 | 589266 | KENWORTH |  |  |  |  |  |
| Z | 18:05:00 | T3S2 | L | LYRMA | 739DZ4 | 650990 | KENWORTH | 2004 | D |  |  | NF |
| Z | 18:05:00 | T3S2 | L | DRAGON | 798SP1 | $634569 Z$ | INTERNATIONAL |  | D |  |  | NF |
| Z | 18:05:00 | T3S2 | L | LYRMA | 834DZ4 | 650990Z | FREIGHTLINER | 1999 |  |  |  | NF |
| Z | 18:06:00 | T3S2 | L | TNCH | 029SP1 | $711125 Z$ | INTERNATIONAL | 1995 |  |  |  | NF |
| Z | 18:06:00 | T3 | L | ZOTIS | 177SP1 |  | INTERNATIONAL |  | D |  |  | F |
| Z | 18:07:00 | T3S2 | L | STIL | 368SP1 |  | INTERNATIONAL | 1996 | D |  |  | F |
| Z | 18:14:00 | T3S2 | L | 5 HERMANOS | 543EM3 | 6829982 | FREIGHTLINER |  | D |  |  | NF |
| Z | 18:14:00 | T3S2 | E | STIL | 767EM7 |  | INTERNATIONAL | 1998 |  |  |  | F |
| Z | 18:14:00 | T3S2 | E | STIL | 788SN9 |  | INTERNATIONAL | 1997 |  |  |  | F |
| Z | 18:15:00 | T3S2 | E | STIL | 761EM7 |  | INTERNATIONAL | 1998 |  |  |  | F |
| Z | 18:15:00 |  | L | LYRMA | 838DZ4 |  | VOLVO | 1998 | D |  |  | NF |
| Z | 18:16:00 | T3S2 | L | STIL | 339SP1 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 18:17:00 | T3S2 | E | IMPERIAL | 805SN9 | 1166910 | VOLVO |  | D |  |  | NF |
| Z | 18:18:00 | T3S2 | E | OTI | 702SN9 |  | INTERNATIONAL | 1997 |  |  |  |  |
| Z | 18:18:00 | T3S2 | L | LYRMA | 792CA7 | 650940Z | VOLVO | 2001 | D |  |  | NF |
| Z | 18:18:00 | T3S2 | E | AGUILA | 881DZ4 |  |  |  |  |  |  |  |
| Z | 18:19:00 | T3S2 | L | ETF | 442CW5 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 18:20:00 | T3S2 | L | TRANSERVICIOS | 666EM7 |  | INTERNATIONAL | 1996 |  |  |  |  |
| Z | 18:20:00 | SU2 | L | BOUCHE | ZUU1892 | 676421Z | GMC |  |  |  |  |  |
| Z | 18:21:00 | T3S2 | L | RGX | 1207672 |  | FREIGHTLINER |  | D |  |  | NF |
| Z | 18:21:00 | T3S2 | E | ETF | 700C16 |  | KENWORTH |  |  |  |  |  |
| Z | 18:22:00 | T3S2 | L | AGUILA | 887SP1 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 18:23:00 | T3S2 | L | TPN | 632SN9 | 880805 Z | INTERNATIONAL |  | D |  |  | NF |
| Z | 18:23:00 | T3S2 | L | TRANSP CALIF | 868EM7 | 589266 | KENWORTH |  |  |  |  |  |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{gathered} \text { FAST/ } \\ \text { NF } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Z | 18:24:00 | T3 | E | MONACO | 482SP1 |  | KENWORTH |  | D |  |  | NF |
| Z | 18:24:00 | T3S2 | L | THC | 541SP1 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 18:25:00 | T3S2 | E | TNCH | 037SP1 |  | INTERNATIONAL | 1995 |  |  |  |  |
| Z | 18:26:00 | T3S2 | L | RAMOS | 498EM3 | 624695Z | INTERNATIONAL |  |  |  |  |  |
| Z | 18:26:00 | T3S2 | L | SOTELO | 992EM7 |  | VOLVO | 1997 |  |  |  |  |
| Z | 18:26:00 | SU2 | E | SOTELO | ZU59979 | 258923 |  |  | D |  |  | NF |
| Z | 18:27:00 | T3S2 | L | STIL | 358SP1 |  | INTERNATIONAL | 1996 | D |  |  | NF |
| Z | 18:27:00 | SU2 |  | TORRES | ZUT5382 |  | GMC |  |  |  |  |  |
| Z | 18:28:00 | T3S2 | L | STIL | 513EM3 |  | INTERNATIONAL | 1998 | D |  |  | NF |
| Z | 18:29:00 | T3S2 | E | AGUILA | 024SP1 |  | INTERNATIONAL | 1993 | D |  |  | F |
| Z | 18:29:00 | T3S2 | L | TRANSERVICIOS | 407SP1 |  | INTERNATIONAL |  |  |  |  | NF |
| Z | 18:30:00 | T3S2 | L | AGUILA | 557CA7 |  | CHEVI |  | D |  |  | NF |
| Z | 18:30:00 | T3S2 | L | TRANSERVICIOS | 766SN9 |  | KENWORTH |  |  |  |  |  |
| Z | 18:31:00 | T3S2 | L | SOTELO | 546SN9 |  | INTERNATIONAL | 1987 |  |  |  |  |
| Z | 18:32:00 | T3S2 | L | VRP | 111SP1 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 18:32:00 | T3S2 | E | DEHESA | 608SP1 |  | INTERNATIONAL |  |  |  |  |  |
| Z | 18:33:00 | T3S2 | E | AGUILA | 027SP1 |  | INTERNATIONAL | 1993 |  |  |  |  |
| Z | 18:33:00 | T3S2 | E | LYRMA | 268CA7 |  | VOLVO | 2000 | D |  |  | NF |
| Z | 18:33:00 |  |  | RAMOS | 660SN9 |  | INTERNATIONAL |  |  |  |  |  |
| Z | 18:33:00 | T3 | E | TNCH | 916EM7 |  | FREIGHTLINER |  | D |  |  | NF |
| Z | 18:34:00 | T3S2 | L | TRANS JD | 281SP1 | 6066982 | KENWORTH |  | D |  |  | NF |
| Z | 18:35:00 | T3S2 | L | STIL | 602FA1 |  |  | 1998 | D |  |  | F |
| Z | 18:36:00 | T3S2 | E | AGUILA | 895SN9 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 18:37:00 | T3S2 | L | AGUILA | 829SP1 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 18:38:00 | T3S2 | E | AGUILA | 934SP1 |  | INTERNATIONAL | 1993 | D |  |  | NF |
| Z | 18:39:00 | T3S2 | E | SOTELO | 552SN9 |  | INTERNATIONAL | 1987 | D |  |  | NF |
| Z | 18:42:00 | T3S2 | L | GALLARDO | 289EM3 |  | INTERNATIONAL |  |  |  |  | NF |
| Z | 18:42:00 | T3S2 | L | SILT | 350EM3 |  | INTERNATIONAL | 1995 |  |  |  | NF |
| Z | 18:44:00 | T3S2 | E | STIL | 310SP1 |  | INTERNATIONAL | 1994 | D |  |  | F |


| BRIDGE | HOUR | $\begin{aligned} & \hline \text { VEH. } \\ & \text { TYPE } \end{aligned}$ | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{aligned} & \hline \text { FAST/ } \\ & \mathbf{N F} \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Z | 18:44:00 | T3S2 | L | TORRES | 597SN7 |  | INTERNATIONAL |  |  |  |  | NF |
| Z | 18:45:00 | T3S2 | E | TORRES | 191SN9 | 557177Z | INTERNATIONAL |  | D |  |  | NF |
| Z | 18:45:00 | T3S2 | BT | SOTO | 939DZ2 |  | KENWORTH | 2000 |  |  |  | NF |
| Z | 18:46:00 | T3S2 | L | SILT | 179SP1 |  | INTERNATIONAL | 1993 |  |  |  | NF |
| Z | 18:47:00 | T3S2 | E | OLVERA | 509SN9 | 557314Z | INTERNATIONAL |  |  |  |  | NF |
| Z | 18:48:00 | T3S2 | L | STIL | 276EM3 | 0557341Z | INTERNATIONAL | 1998 | D |  |  | NF |
| Z | 18:49:00 | T3S2 | E | SIETE | 644EM3 | 818175Z | FORD |  | D |  |  | F |
| Z | 18:52:00 | T3S2 | L | TORRES | 588SN9 |  | INTERNATIONAL | 1997 | D |  |  | NF |
| Z | 18:53:00 | T3S2 | L | TNCH | 032SP1 | $711125 Z$ | INTERNATIONAL | 1995 | D |  |  | NF |
| Z | 18:53:00 | T3S2 | L | SOTELO | 742CA6 |  | INTERNATIONAL | 1985 |  |  |  |  |
| Z | 18:54:00 | T3S2 | L | TORRES | 587SN9 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 18:54:00 | T3S2 | L | SOTELO | 58EM7 |  | INTERNATIONAL |  |  |  |  |  |
| Z | 18:55:00 | T3S2 | L | OTI | 353EM3 | 6854282 | WHITE GMC |  | D |  |  | NF |
| Z | 18:56:00 | T3S2 | L | TORRES | 017SN7 |  | INTERNATIONAL | 1990 |  |  |  |  |
| Z | 18:56:00 | T3S2 | L | TORRES | 589SN9 |  | INTERNATIONAL | 1995 |  |  |  |  |
| Z | 18:56:00 | T3S2 | E | STIL | 961FA2 |  | FREIGHTLINER | 2000 | D |  |  | NF |
| Z | 18:57:00 | T3S2 | E | RAMOS | 452SP1 | 6246952 | INTERNATIONAL |  | D |  |  | NF |
| Z | 18:57:00 | T3S2 | L | TORRES | 655SN9 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 18:58:00 | T3S2 | E | TORRES | 015SN7 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 18:58:00 | SU2 | L |  | DM50729 | $292602 Z$ | INTERNATIONAL |  | D |  |  | NF |
| Z | 18:59:00 | T3 | E | LYRMA | 526CA7 | 6509902 | VOLVO | 2001 | D |  |  | NF |
| Z | 19:00:00 | T3S2 | L | TORRES | 858SNT |  | INTERNATIONAL |  |  |  |  |  |
| Z | 19:00:00 | T3S2 | L | STIL | 928CW8 |  |  | 2000 | D |  |  | F |
| Z | 19:00:00 | T3S2 | L | TORRES | 999SNT |  | INTERNATIONAL |  |  |  |  |  |
| Z | 19:01:00 | T3S2 | E | STIL | 379SP1 |  | INTERNATIONAL | 1996 |  |  |  |  |
| Z | 19:02:00 | T3S2 | L | GALLARDO | 382EM3 |  | KENWORTH |  | D |  |  | NF |
| Z | 19:02:00 | T3S2 | L | LYRMA | 736DZ4 | 6509902 | KENWORTH | 2003 |  |  |  | NF |
| Z | 19:03:00 | T3S2 | L | STIL | 366SP1 |  | INTERNATIONAL | 1996 | D |  |  | NF |
| Z | 19:03:00 | T3S2 | L | STIL | 371SP1 |  | INTERNATIONAL | 1996 | D |  |  | NF |


| BRIDGE | HOUR | $\begin{aligned} & \hline \text { VEH. } \\ & \text { TYPE } \end{aligned}$ | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{aligned} & \hline \text { FAST/ } \\ & \mathbf{N F} \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Z | 19:03:00 | T3S2 | L | GALLARDO | 892CY3 |  | KENWORTH | 1993 |  |  |  | NF |
| Z | 19:04:00 | T3S2 | E | DEHESA | 208SP1 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 19:05:00 | T3S2 |  | TM | 045SN1 | 203812 | FREIGHTLINER |  | D |  |  | NF |
| Z | 19:05:00 | T3S2 | E | STIL | 760EM7 |  | INTERNATIONAL | 2004 | D |  |  | F |
| Z | 19:08:00 | T3 | E | TNCH | 069SP1 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 19:10:00 | T3S2 | L | STIL | 383SP1 |  | INTERNATIONAL | 1996 | D |  |  | NF |
| Z | 19:10:00 | T3S2 | L | SOTELO | 991EM7 |  | VOLVO | 1996 | D |  |  | NF |
| Z | 19:11:00 | T3S2 | L | STIL | 365SP1 |  | INTERNATIONAL | 1996 | D |  |  | NF |
| Z | 19:14:00 | T3S2 | E | STIL | 341SP1 |  |  | 1993 |  |  |  | F |
| Z | 19:15:00 | T3S2 | E | TNCH | 073SP1 |  | INTERNATIONAL |  |  |  |  | F |
| Z | 19:15:00 | T3S2 | E | STIL | 380SP1 |  | INTERNATIONAL | 1996 |  |  |  | F |
| Z | 19:15:00 | T3S2 | E | STIL | 482SN9 |  | INTERNATIONAL | 1999 | D |  |  | NF |
| Z | 19:15:00 | T3S2 | E | TNCH | 965FA2 |  | FREIGHTLINER |  |  |  |  | F |
| Z | 19:16:00 | T3S2 | E | DEHESA | 607SP1 |  | INTERNATIONAL |  |  |  |  | F |
| Z | 19:16:00 | T3 | E |  | ZU4A8 |  | GMC |  |  |  |  | F |
| Z | 19:17:00 | T3S2 | L | TNCH | 071SP1 |  |  |  | D |  |  | NF |
| Z | 19:17:00 | T3S2 | L | TM | 601SN9 |  | INTERNATIONAL | 1991 | D |  |  | NF |
| Z | 19:17:00 | T3S2 | E | TPN | 748SP1 | $880805 Z$ | INTERNATIONAL | 1992 | D |  |  | NF |
| Z | 19:17:00 | T3S2 | E | STIL | 768EM7 |  | INTERNATIONAL | 1998 |  |  |  | F |
| Z | 19:18:00 | T3S2 | L | TPN | 633SN9 | $880805 Z$ | INTERNATIONAL |  | D |  |  | NF |
| Z | 19:18:00 | T3S2 | E | STIL | 979SN9 |  | INTERNATIONAL | 1997 |  |  |  |  |
| Z | 19:20:00 | T3S2 | L | MUÑOZ | 216SP1 | 677502 | KENWORTH |  | D |  |  | NF |
| Z | 19:21:00 | T3S2 | L | TPN | 750SP1 | $880805 Z$ | INTERNATIONAL |  |  |  |  |  |
| Z | 19:21:00 | T2 | L | CONIN | ZUS1407 | 262941 | CHEVI |  | D |  |  | NF |
| Z | 19:22:00 | T3S2 | L | DRAGON | 797SP1 | $634569 Z$ | INTERNATIONAL |  |  |  |  |  |
| Z | 19:22:00 | T3S2 | E | SOTELO | 807EM7 |  | INTERNATIONAL | 1995 |  |  |  |  |
| Z | 19:23:00 | T3S2 | E | DRAGON | 511EM3 | 634569Z | INTERNATIONAL |  | D |  |  | NF |
| Z | 19:23:00 | T3S2 | L | LYRMA | 837DZ4 |  | FREIGHTLINER |  |  |  |  |  |
| Z | 19:24:00 | SU2 | L | ANGEL | ZW7641 |  | GMC |  | D |  |  | NF |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{gathered} \text { FAST/ } \\ \text { NF } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Z | 19:25:00 | T3S2 | L | RIOS RUBIO | 157CB3 | 557229 | VOLVO |  | D |  |  | NF |
| Z | 19:30:00 | T3S2 | E | STIL | 203FA1 |  | KENWORTH | 1996 |  |  |  |  |
| Z | 19:31:00 |  | E | DEL REAL | 149LB3 |  | FREIGHTLINER |  |  |  |  |  |
| Z | 19:31:00 | T3S2 | L | STIL | 348SP1 |  | INTERNATIONAL | 1997 | D |  |  | NF |
| Z | 19:31:00 | T3S2 | L | RIOS RUBIO | 858D22 |  | KENWORTH |  |  |  |  | NF |
| Z | 19:32:00 | T3S2 | L |  | 493EM7 |  | VOLVO |  | D |  |  | NF |
| Z | 19:32:00 | T3S2 | E | SOTELO | 706SP1 |  | INTERNATIONAL | 1994 | D |  |  | NF |
| Z | 19:33:00 | T3S2 | E | TM | 2107SM9 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 19:33:00 | T3S2 | L | MENDOZA | 442SP1 | 63330562 | INTERNATIONAL |  | D |  |  | NF |
| Z | 19:33:00 | T3S2 | L | LTE | 9415N9 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 19:33:00 | T3S2 | E | PREMIER | 982SN9 |  | FREIGHTLINER | 1997 | D |  |  | NF |
| Z | 19:34:00 | T3S2 | E | SOTO | 924DZ2 |  | KENWORTH | 2003 | D |  |  | NF |
| Z | 19:35:00 | T3S2 | L | TX LPG STORAGE | 941EMZ | 583221 |  |  | D |  |  | NF |
| Z | 19:36:00 | T3S2 | L | TNCH | 418SP1 |  | INTERNATIONAL | 1993 | D |  |  | NF |
| Z | 19:36:00 | T3S2 | L | STIL | 984SN9 |  | INTERNATIONAL | 1997 | D |  |  | F |
| Z | 19:37:00 | T3S2 | L |  | 211SP9 |  | INTERNATIONAL |  | D |  |  | F |
| Z | 19:37:00 | T3 | E | TORRES | 273SN1 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 19:37:00 | T3S2 | L | CARRASCO | 404EM3 | 655171 | FREIGHTLINER |  | D |  |  | NF |
| Z | 19:37:00 | T3S2 | L | TRANSERVICIOS | 405SP1 |  | KENWORTH |  | D |  |  | NF |
| Z | 19:37:00 | T3S2 | L | TORRES | 693SN1 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 19:38:00 | T3S2 | L | TRANSERVICIOS | 348SP1 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 19:38:00 | T3S2 | E | AGUILA | 949SP1 |  | INTERNATIONAL |  | D |  |  | F |
| Z | 19:39:00 | T3S2 | L | STIL | 347SP1 |  | INTERNATIONAL | 1997 | D |  |  | F |
| Z | 19:39:00 | T3S2 | E | STIL | 980SN9 |  | INTERNATIONAL | 1997 | D |  |  | F |
| Z | 19:40:00 | T3 | E | RODRIGUEZ | 671EM3 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 19:41:00 | T3S2 | L | CARRASCO | 403EM3 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 19:41:00 |  | E | TRANSERVICIOS | DK977171 |  | RPM |  | D |  |  | F |
| Z | 19:42:00 | T3S2 | L | TRANSERVICIOS | 245SP1 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 19:42:00 | T3S2 | L | RGX | 395EM3 | $120 Z 678$ | FREIGHTLINER |  | D |  |  | NF |


| BRIDGE | HOUR | $\begin{aligned} & \hline \text { VEH. } \\ & \text { TYPE } \end{aligned}$ | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{aligned} & \hline \text { FAST/ } \\ & \mathbf{N F} \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Z | 19:42:00 | T3S2 | L | DESIERTO NORTE | 433EM3 |  | KENWORTH |  | D |  |  | NF |
| Z | 19:43:00 | T3S2 | L | TRANSERVICIOS | 399SP1 |  | INTERNATIONAL |  | D |  |  | F |
| Z | 19:43:00 | T3S2 | E | AGUILA | 889SP1 |  | INTERNATIONAL | 1993 | D |  |  | NF |
| Z | 19:44:00 | SU2 | E | AGUILA | 888DZ4 |  | INTERNATIONAL |  | D |  |  | F |
| Z | 19:45:00 | T3S2 | E | AGUILA | 846024 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 19:45:00 | T3S2 |  | DESIERTO NORTE | 447EM3 |  | INTERNATIONAL | 1994 | D |  |  | NF |
| Z | 19:45:00 | T3S2 | L | ETF | 937SN9 |  | FREIGHTLINER | 1991 | D |  |  | NF |
| Z | 19:46:00 | T3S2 | L | TRANSERVICIOS | 237SP1 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 19:46:00 | T3S2 | L | STIL | 847DZ4 |  | KENWORTH | 2004 | D |  |  | NF |
| Z | 19:47:00 | SU2 | L | STIL | 121CA6 | 557341 | INTERNATIONAL | 1998 | D |  |  | NF |
| Z | 19:49:00 | T3S2 | L | TPN | 635SN9 | $880805 Z$ | INTERNATIONAL | 1993 | D |  |  | NF |
| Z | 19:49:00 | T3S2 | L | TPN | 865SN9 | $880805 Z$ | INTERNATIONAL |  | D |  |  | NF |
| Z | 19:50:00 | T3S2 | L | STIL | 286FA2 |  | FREIGHTLINER | 1997 | D |  |  | NF |
| Z | 19:51:00 | T3S2 | E | PADILLA | 122SP1 |  | INTERNATIONAL | 1993 | D |  |  | NF |
| Z | 19:52:00 | T3S2 | L | RIOS RUBIO | 069D23 | 1 Z63212 | VOLVO |  | D |  |  | NF |
| Z | 19:52:00 | SU2 | L | IBCA | 961EM7 | 656378 | KENWORTH |  | D |  |  | NF |
| Z | 19:53:00 | T3 | E | RED | 385EM3 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 19:53:00 | T3S2 | E | AGUILA | 889SP1 |  | INTERNATIONAL | 1993 |  |  |  |  |
| Z | 19:54:00 | T3S2 | L | OZAETA | 470EM3 | 909186 | INTERNATIONAL |  | D |  |  | NF |
| Z | 19:55:00 | T3S2 | L | DELFINES | 255SP1 | $683624 Z$ | INTERNATIONAL |  | D |  |  | NF |
| Z | 19:55:00 | T3S2 | L | LYRMA | 530CA7 |  | VOLVO | 2001 | D |  |  | NF |
| Z | 19:56:00 | T3S2 | L | SIETE | 272SP1 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 19:56:00 | T3S2 | L | STIL | 275EM3 |  | INTERNATIONAL | 1998 | D |  |  |  |
| Z | 19:56:00 | T3S2 | E | LYRMA | 612CA7 |  | VOLVO | 2000 | D |  |  | NF |
| Z | 19:56:00 | T3S2 | E | STIL | 791SN9 | 818175Z | INTERNATIONAL | 1997 | D |  |  |  |
| Z | 19:56:00 | T3S2 | L | STIL | 960FA2 |  |  | 2000 | D |  |  | F |
| Z | 19:57:00 | T3 | E | TNCH | 063SP1 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 19:57:00 | T3S2 | L | SIETE | 645EM3 | $818175 Z$ | FORD |  | D |  |  | NF |
| Z | 19:58:00 | T3S2 | L | SILT | 317EM3 |  | INTERNATIONAL | 1993 | D |  |  | NF |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{aligned} & \hline \text { FAST/ } \\ & \mathbf{N F} \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Z | 19:58:00 | T3S2 | L | STIL | 340EM3 |  | INTERNATIONAL | 1995 | D |  |  | NF |
| Z | 19:59:00 | T3S2 | E | SIETE | 386EM3 |  | INTERNATIONAL | 1982 | D |  |  | NF |
| Z | 19:59:00 | T3S2 | L | AGUILA | 957SP1 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 20:00:00 | T3S2 | L | PUDSA | 791CB4 | 782207 |  |  | D |  |  | NF |
| Z | 20:00:00 | T3S2 | L | STIL | 963FA2 |  | INTERNATIONAL | 2000 | D |  |  | F |
| Z | 20:01:00 | T3S2 | L | APACHE | 541EM3 | 3829982 | INTERNATIONAL |  | D |  |  | NF |
| Z | 20:02:00 | T3S2 | L | 5 HERMANOS | 542EM3 |  | FREIGHTLINER |  | D |  |  | NF |
| Z | 20:02:00 | T3S2 | E | TPN | 542EM7 | $880805 Z$ | INTERNATIONAL |  | D |  |  | F |
| Z | 20:05:00 | T3S2 | L | LYRMA | 692CA7 |  | VOLVO | 2001 | D |  |  | NF |
| Z | 20:05:00 | SU2 | L | NORZA | ZUS7195 | $1261138 Z$ | CHEVI |  | D |  |  | NF |
| Z | 20:06:00 | T3S2 | E | AGUILA | 817SN9 |  | INTERNATIONAL |  |  |  |  | F |
| Z | 20:07:00 | T3S2 | L | TPN | 639SN9 |  | INTERNATIONAL |  |  |  |  |  |
| Z | 20:07:00 | T3 | E | LYRMA | 791CA7 | 650990Z | VOLVO | 2001 | D |  |  | NF |
| Z | 20:08:00 | T3S2 | E | STIL | 783SN9 |  | INTERNATIONAL | 1988 | D |  |  | F |
| Z | 20:08:00 | T3 | E | LYRMA | 793CA7 |  | VOLVO | 2001 | D |  |  | NF |
| Z | 20:12:00 | T3S2 | E | TRANSERVICIOS | 634EM7 |  | FREIGHTLINER |  | D |  |  | NF |
| Z | 20:12:00 | T3S2 | L | SOTELO | 707SP1 |  | INTERNATIONAL | 1987 | D |  |  | F |
| Z | 20:13:00 | T3S2 | BT | SOTO | 933DZ2 |  | KENWORTH | 1999 |  |  |  |  |
| Z | 20:14:00 | T3S2 | E | TM | 735SN9 |  | INTERNATIONAL | 1989 |  |  |  |  |
| Z | 20:15:00 | T3S2 | L | LYRMA | 201SP1 |  | KENWORTH |  |  |  |  |  |
| Z | 20:15:00 | T3S2 | E | TRANSERVICIOS | 236SP1 |  | INTERNATIONAL |  | D |  |  | F |
| Z | 20:15:00 | T3S2 | L | AGUILA | 532EM2 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 20:15:00 | T3S2 | E | SOTELO | 549SN9 |  | INTERNATIONAL | 1986 | D |  |  | NF |
| Z | 20:15:00 | T3S2 | L | LYRMA | 741DZ4 |  | KENWORTH | 2004 |  |  |  |  |
| Z | 20:16:00 | T3S2 | E | SOTELO | 704SP1 |  | INTERNATIONAL | 1994 |  |  |  |  |
| Z | 20:20:00 | T3S2 | E | AGUILA | 897SN9 |  | INTERNATIONAL |  | D |  |  | F |
| Z | 20:21:00 | T3S2 | L | AGUILA | 008SP1 |  | INTERNATIONAL | 1993 |  |  |  |  |
| Z | 20:22:00 | T3 | E | LYRMA | 387CA7 | 6509902 | VOLVO | 2000 | D |  |  | NF |
| Z | 20:22:00 | T3S2 | L | CARDENAL | 471SP1 |  | INTERNATIONAL |  |  |  |  |  |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{aligned} & \text { FAST/ } \\ & \text { NF } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Z | 20:22:00 | T3S2 | L | AGUILA | 816SP1 |  | INTERNATIONAL | 1995 |  |  |  |  |
| Z | 20:23:00 | T3S2 | L | CONIN | 116SP1 |  | INTERNATIONAL |  |  |  |  |  |
| Z | 20:23:00 | T3S2 | L | RODRIGUEZ | 670EM7 | 1207678 | INTERNATIONAL |  | D |  |  | NF |
| Z | 20:24:00 | T3S2 | L | TNCH | 061SP1 | 880805Z | INTERNATIONAL | 1995 | D |  |  | NF |
| Z | 20:24:00 | T3S2 | E | ETF | 75CA7 |  | KENWORTH |  | D |  |  | F |
| Z | 20:25:00 | T3S2 | E | STIL | 228FA2 |  | INTERNATIONAL | 1994 | D |  |  | F |
| Z | 20:25:00 | T3S2 | E | MONARCA | 450CD2 | 726031 | INTERNATIONAL |  | D |  |  | NF |
| Z | 20:25:00 | T3S2 | L | SOTELO | 721SP1 | $158923 Z$ | INTERNATIONAL | 1987 | D |  |  | NF |
| Z | 20:27:00 | SU2 | E | AGUILA | 885DZ4 |  | INTERNATIONAL |  | D |  |  | F |
| Z | 20:28:00 | T3S2 | L | ZOTIS | 465SP1 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 20:29:00 | T3S2 | L | TPN | 623SN9 | 880805Z | INTERNATIONAL |  | D |  |  | NF |
| Z | 20:30:00 | T3S2 | E | EMCH | 984SD1 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 20:31:00 | T3S2 |  | FMCH | 140SP1 |  | INTERNATIONAL |  |  |  |  | NF |
| Z | 20:31:00 | T3S2 | L | TM | 234SN9 |  | INTERNATIONAL |  |  |  |  | NF |
| Z | 20:31:00 | SU2 |  |  | ZU04082 |  | INTERNATIONAL |  |  |  |  | NF |
| Z | 20:36:00 | T3S2 | E | TPN | 871SN9 | 880805Z | INTERNATIONAL | 1995 | D |  |  | NF |
| Z | 20:37:00 | T3S2 | E | TNCH | 740EM7 |  | FREIGHTLINER |  | D |  |  | NF |
| Z | 20:38:00 |  |  | PNCH | ZUU1157 |  | GMC |  |  |  |  | NF |
| Z | 20:39:00 | T3S2 | E | STIL | 762EM7 |  | INTERNATIONAL | 1998 |  |  |  | NF |
| Z | 20:40:00 | T3S2 | E | SOTELO | 561SN9 |  | INTERNATIONAL | 1993 | D |  |  | F |
| Z | 20:40:00 | T3S2 | L | BOUCHE | 880EM7 |  | FREIGHTLINER |  |  |  |  | NF |
| Z | 20:41:00 | T3S2 | L | STIL | 2F1FA2 |  | FREIGHTLINER | 1998 | D |  |  | F |
| Z | 20:41:00 | T3S2 | E | TRPMESA | 959EM7 |  |  |  |  |  |  | NF |
| Z | 20:42:00 | T3S2 | E | TRAMESA | 960EM7 |  | INTERNATIONAL |  |  |  |  | NF |
| Z | 20:43:00 | T3S2 | E | STIL | 613FA3 |  | INTERNATIONAL | 1998 |  |  |  | NF |
| Z | 20:43:00 | T3S2 | E | AGUILA | 813SP1 |  | INTERNATIONAL |  |  |  |  | NF |
| Z | 20:45:00 | T3S2 | E | ALFREDO GONZALEZ | 327CA6 |  |  | 1986 | D |  |  | NF |
| Z | 20:48:00 | T3S2 | E | AGUILA | 016SP1 |  | INTERNATIONAL |  | D |  |  | F |
| Z | 20:48:00 | T3S2 | L | LYRMA | 736DZ4 | 6509902 | KENWORTH | 2003 | D |  |  | NF |


| BRIDGE | HOUR | VEH. TYPE | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{gathered} \text { FAST/ } \\ \mathbf{N F} \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Z | 20:49:00 | T3S2 | E | TRPMESA | 845EM7 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 20:50:00 | T3S2 | E | STIL | 274EM3 |  | INTERNATIONAL | 1998 | D |  |  | F |
| Z | 20:50:00 | T3S2 | E | SILT | 335EM3 |  | INTERNATIONAL | 1995 |  |  |  |  |
| Z | 20:50:00 | T3S2 | L | GALLARDO | 970SN9 |  | INTERNATIONAL | 1995 |  |  |  |  |
| Z | 20:53:00 | SU2 | E | AGUILA | 852DZ4 |  | INTERNATIONAL |  | D |  |  | F |
| Z | 21:04:00 | T3S2 | E | AGUILA | 009SP1 |  | INTERNATIONAL | 1993 | D |  |  | F |
| Z | 21:11:00 | T3S2 | E | LYRMA | 070CA7 |  | VOLVO |  | D |  |  | NF |
| Z | 21:11:00 | T3S2 | E | ETF | 440CW5 |  | INTERNATIONAL |  | D |  |  | F |
| Z | 21:14:00 | T3S2 | E | SILT | 351EM3 |  | INTERNATIONAL | 1995 | D |  |  | NF |
| Z | 21:15:00 | T3S2 | E | SOTELO | 728SP1 |  | INTERNATIONAL | 1990 | D |  |  | NF |
| Z | 21:18:00 | T3S2 | L | SOTELO | 555SN9 |  | INTERNATIONAL | 1992 | D |  |  | NF |
| Z | 21:18:00 | T3S2 | E | TRANS MAQ | 852SP1 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 21:20:00 | T3S2 | E | REINER | 215SP1 |  | INTERNATIONAL |  | D |  |  | F |
| Z | 21:21:00 | T3S2 | E | AGUILA | 901SP1 |  | INTERNATIONAL |  | D |  |  | F |
| Z | 21:24:00 | T3S2 | E | zOTIS | 545SP1 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 21:24:00 | T3S2 | E | SOTELO | 720SP1 |  | INTERNATIONAL | 1993 | D |  |  | NF |
| Z | 21:27:00 | T3S2 | E | STIL | 359SP1 |  | INTERNATIONAL | 1996 | D |  |  | NF |
| Z | 21:27:00 | T3S2 | E | LYRMA | 715DZ4 |  | KENWORTH | 2005 |  |  |  | NF |
| Z | 21:28:00 | T3S2 | E | STIL | 789SN9 |  | INTERNATIONAL | 1997 | D |  |  | NF |
| Z | 21:32:00 |  |  | AGUILA | 535EM3 |  | INTERNATIONAL |  | D |  |  | F |
| Z | 21:33:00 |  |  | TRANSERVICIOS | 229SP1 |  | INTERNATIONAL |  |  |  |  | NF |
| Z | 21:35:00 | T3S2 | E | SILT | 170SP1 |  | INTERNATIONAL | 1993 | D |  |  | NF |
| Z | 21:36:00 | T3S2 | E | RODRIGUEZ | 669EM7 |  | INTERNATIONAL |  | D |  |  | F |
| Z | 21:36:00 | T3S2 | E | STIL | 958SA1 |  | FREIGHTLINER | 2000 | D |  |  | NF |
| Z | 21:37:00 | T3S2 | E | TRANS MEXICANOS | 047SN1 |  | FREIGHTLINER |  | D |  |  | F |
| Z | 21:40:00 | T3S2 | E | STIL | 447FA6 |  | KENWORTH | 2002 | D |  |  | F |
| Z | 21:42:00 | T3S2 | E | AGUILA | 549CA7 |  | CHEVI |  | D |  |  | F |
| Z | 21:46:00 | T3S2 | E | KIKI | 202SP1 |  | INTERNATIONAL | 1986 | D |  |  | NF |
| Z | 21:46:00 | T3S2 | E | TRANSERVICIOS | 401SP1 |  | INTERNATIONAL |  | D |  |  | NF |


| BRIDGE | HOUR | $\begin{aligned} & \text { VEH. } \\ & \text { TYPE } \end{aligned}$ | LOADED / EMPTY | COMPANY | PLATES | DOT | MAKE | YEAR | FUEL | MILES | RETROFIT | $\begin{gathered} \text { FAST/ } \\ \text { NF } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Z | 21:46:00 | T3S2 | E | KIKI | 605EM3 |  | FREIGHTLINER | 1994 | D |  |  | NF |
| Z | 21:46:00 | T3S2 | E | STIL | 607FA1 |  | INTERNATIONAL | 1998 | D |  |  | NF |
| Z | 21:47:00 | T3S2 | E | LYRMA | 730DZ4 |  | KENWORTH | 2003 | D |  |  | NF |
| Z | 21:48:00 | T3S2 | E | ALFREDO GONZALEZ | 320CA6 | 558301 | KENWORTH |  | D |  |  | NF |
| Z | 21:55:00 | T3S2 | E | STIL | 278EM3 |  | INTERNATIONAL | 1998 | D |  |  | F |
| Z | 21:55:00 | T3S2 | E | ETF | 47CW5 |  | VOLVO |  | D |  |  | F |
| Z | 21:56:00 | T3S2 | E | ETF | 938SN9 |  | FREIGHTLINER | 1991 | D |  |  | F |
| Z | 22:01:00 | SU2 | E | STIL | 728D24 |  | KENWORTH | 2004 | D |  |  | NF |
| Z | 22:04:48 | T3S2 | L | PRAXAIR | PT85027 |  | KENWORTH |  | D |  |  | N |
| Z | 22:05:00 | T3S2 | E | STIL | 205FA1 |  | KENWORTH | 1996 | D |  |  | F |
| Z | 22:05:00 | T3S2 | E | STIL | 310SP1 |  | INTERNATIONAL | 1994 | D |  |  | F |
| Z | 22:06:00 | T3S2 | E | TRANSERVICIOS | 666EM7 |  | INTERNATIONAL | 1996 | D |  |  |  |
| Z | 22:07:00 | T3S2 | E | GARDEA | 418CA7 |  |  |  |  |  |  |  |
| Z | 22:10:00 | T3S2 | E | JD | 227CA8 |  | KENWORTH |  |  |  |  |  |
| Z | 22:15:00 | T3S2 | E | OSDEL | 098SP1 | 8384907 | FREIGHTLINER |  | D |  |  | NF |
| Z | 22:18:00 | T3S2 | E | SILT | 343EM3 |  | INTERNATIONAL | 1995 | D |  |  | F |
| Z | 22:18:00 | T3S2 | E | STIL | 372SP1 |  | INTERNATIONAL | 1996 | D |  |  | F |
| Z | 22:22:00 | T3S2 | E | ETF | 090CW7 |  | FREIGHTLINER |  | D |  |  | F |
| Z | 22:22:00 | T3S2 | E | STIL | 206FA1 |  | KENWORTH | 1996 | D |  |  | F |
| Z | 22:22:00 | T3S2 | E | SILT | 318EM3 |  | INTERNATIONAL | 1996 | D |  |  | NF |
| Z | 22:23:00 | SU2 | E | FMCH | 545CA3 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 22:25:00 | SU2 | E | AGUILA | 878DZ4 |  | INTERNATIONAL |  | D |  |  | NF |
| Z | 22:26:00 | T3S2 | E | SOTELO | 700SP1 |  | INTERNATIONAL | 1994 | D |  |  | NF |
| Z | 22:28:00 | T3S2 | E | SILT | 322EM3 |  | FREIGHTLINER | 1993 | D |  |  | NF |
| Z | 22:29:00 | T3S2 | E | SILT | 334EM3 |  | INTERNATIONAL | 1995 | D |  |  | NF |
| Z | 22:31:00 | T3S2 | E | AGUILA | 947SP1 |  | INTERNATIONAL | 1993 | D |  |  | F |

Appendix C: Time-Cumulative Distance Plots and Distance-Speed Plots of Drive Cycles

Time-cumulative Distance Plot BOTA2 (BCS1-NB3)


Time-cumulative Distance Plot
BOTA 3 (BCS1-NB2)


Time-cumulative Distance Plot BOTA 4 (707SP1-NB3)


Time-cumulative Distance Plot BOTA 5 (707SP1-NB1)


Time-cumulative Distance BOTA 6 (707SP1-NB2)


Time-cumulative Distance Plot BOTA 7 (726CA6)


Time-cumulative Distance Plot BOTA 8 (697SP1-NB1)


Time-cumulative Distance Plot BOTA 9 (697SP1-NB2)


Time-Cumulative Distance
BOTA 10 (555SN9)


Time-Cumulative Distance Plot
Zaragosa (BCS2-NB1)
*Different Scale*


Time-Cumulative Distance Plot
Zaragosa 2 (BCS2-NB2)


Time-Cumulative Distance Plot
Zaragosa 3 (BCS2-NB3)


Time-Cumulative Distance Plot
Zaragosa 4 (714SP1)
*Different Scale*


Time-Cumulative Distance Plot
Zaragosa 5 (611EM7)



Time-Cumulative Distance Plot
Zaragosa 7 (261CA5)


Appendix D: Distance-Speed Plots

Distance-Speed Plot BOTA 1 (BCS1-NB1)


Distance-Speed Plot BOTA 2 (BCS1-NB3)


Distance-Speed Plot
BOTA3 (BCS1-NB2)


Distance-Speed Plot BOTA 4 (707SP1-NB3)


## Distance-Speed Plot

 BOTA 5 (707SP1-NB1)

Distance-Speed Plot BOTA 6 (707SP1-NB2)


## Distance-Speed Plot <br> BOTA 7 (726CA6)



Distance-Speed Plot BOTA 8 (697SP1-NB1)



Distance-Speed Plot BOTA 10 (555SN9)



Distance-Speed Plot
Zaragosa 2 (BCS2-NB2)



Distance-Speed Plot
Zaragosa 4 (714SP1)



Distance-Speed Plot
Zaragosa 6 (726SP1)


Distance-Speed Plot
Zaragosa 7 (261CA5)


