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| 16. Abstract<br><br>This report documents the coding and analysis of a cursory travel survey of 362 households performed in Juarez, Mexico during the Fall of 1993. The survey contains data on vehicles per household, vehicle type, vehicle model year, trips per day, trip purpose, trip length, and origin and destination for each trip made for the day reported. The report documents the methodology used for analysis and coding of the data, and use of maps available for the Juarez area. |   |  |           |
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**1993**

**Juarez**

**Travel Survey**

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Report Number: SWUTC/98/467408-1  
August 1997

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## **EXECUTIVE SUMMARY**

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In response to increasing concerns over obtaining comprehensive emissions inventories and improving the air quality forecasting capability of the region, several Texas state agencies performed studies into the traffic patterns and conditions of Juarez, Mexico during the early 1990's. In 1992, the TxDOT provided a workshop to Juarez city staff on methods of traffic counting, and gathered daily traffic counts at several locations around the city of Juarez. In 1993, the Texas Transportation Institute entered into an agreement with the Texas Natural Resource Conservation Commission (TNRCC) to augment the initial traffic counts, conduct an international crossing delay study, perform a speed survey, and collect other various data which would aid in developing a regional emissions inventory for the entire El Paso, Juarez region.

As a part of the 1993 study, student from the Juarez Technological University were enlisted to collect data on household travel characteristics throughout the city by means of a doorstep survey. The city was divided into sample units, and the surveys were taken gathering information on vehicles per household, number and type of trips taken per day in each of the vehicles, and trip origin and destination.

This report summarizes the findings of the survey data collected in 1993. Also, it presents an overview of the Juarez area and some of the demographic patterns of the city. Included in the report is a description of a method used for locating and coding the locations of all activities from the survey (known as geo-coding).

## **ABSTRACT**

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This report documents the coding and analysis of a cursory travel survey of 362 households performed in Juarez, Mexico during the Fall of 1993. The survey contains data on vehicles per household, vehicle type, vehicle model year, trips per day, trip purpose, trip length, and origin and destination for each trip made for the day reported. The report documents the methodology used for analysis and coding of the data, and use of maps available for the Juarez area.

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## 1.0 Introduction and Background

### ◆ 1.1 1993 Traffic Study

In 1993 the Texas Natural Resource Conservation Commission (TNRCC, then the Texas Air Control Board) and the Texas Department of Transportation recognized the need for collection of traffic data within the city of Juarez in support of improved transportation and air quality planning in the region. The El Paso area had been declared non-attainment for both carbon monoxide (CO) and ozone (O<sub>3</sub>) according to the National Ambient Air Quality standards (NAAQS). It was recognized that improved planning in Juarez could lead to improved air quality in the region as a whole, and studies were initiated to that end.

The Texas Department of Transportation initiated a traffic counting workshop in 1992-1993 for the city of Juarez, and instructed several Juarez officials in the use of traffic counter equipment. The effort resulted in the collection of traffic counts at over 70 sites within the city of Juarez. In addition, the TxDOT created a digital base map of the area and a computerized modeling network within which to code the traffic counts collected.

During the summer of 1993, the Texas Transportation Institute (TTI) was contracted by the Texas Air Control Board (TACB) to conduct traffic data collection in Juarez. The resulting data was documented in the TTI report "Ciudad Juarez Mobile5 Data Collection."

The 1993 TTI data collection effort had 6 parts:

- 1) Speed Study: floating car speed studies were performed on several major routes in Juarez, covering all of the city
- 2) Vehicle Miles of Travel Mix: vehicle classification counts were taken at 10 separate locations, and percent of VMT in EPA vehicle classes was estimated
- 3) Operating Mode Study: Percent of transient mode versus stabilized mode was estimated
- 4) Vehicle Registration Study: Vehicles by age, type, and registration was estimated
- 5) Bridge Delay Study: delays and queue lengths were estimated at the 3 main bridges crossing into the U.S. from Juarez
- 6) Vehicle Miles of Travel Estimation: a total VMT estimate was formulated

As part of the overall effort in the 1993 traffic study, students from the Juarez Technical

University were recruited to assist in a household travel survey. A survey method was quickly determined, and the survey was conducted. The survey was never coded or analyzed until the initiation of this Southwest Region University Transportation Center project.

◆ **1.2 Planning Models for the El Paso/Juarez Region**

The need for improved transportation planning in the bi-national area of El Paso, Texas and Juarez, Chihuahua is derived from several key factors:

- 1) Degradation of air quality due in part to mobile source emissions
- 2) Increase in economic activity in the region from the multiple effects of the North American Free Trade Agreement (NAFTA)
- 3) The development of the two cities as a functional urban region, with daily bridge crossing exceeding 60,000 vehicles

As part of the need for improved transportation planning in the El Paso/Juarez region, a coordinated system of planning data collection and development is required. Several Texas and Juarez agencies have recognized this need and have begun data collection and cooperation leading toward building of a Juarez travel model.

A major effort was started in 1996 on building of a Juarez travel model by the Juarez research agency Instituto Municipal de Investigacion y Planeacion (IMIP). A full-scale household, workplace, external station, and transit survey effort was launched. The intent of the IMIP agency is to build an urban travel demand modeling system for Juarez. As of the writing of this document, 22,500 forms were sent to households in Juarez as part of this survey. Approximately 12,800 forms were retrieved, and about 4,000 forms were of adequate condition for complete coding.

This document is an analysis of the 1993 small scale cursory travel survey that was performed by students of the Instituto Tecnologico de Juarez in the Fall of 1993.

Figure 1.1 is a map of the Juarez/El Paso region, made by joining the TxDOT county map layer to a street map digitized by the Juarez agency IMIP.

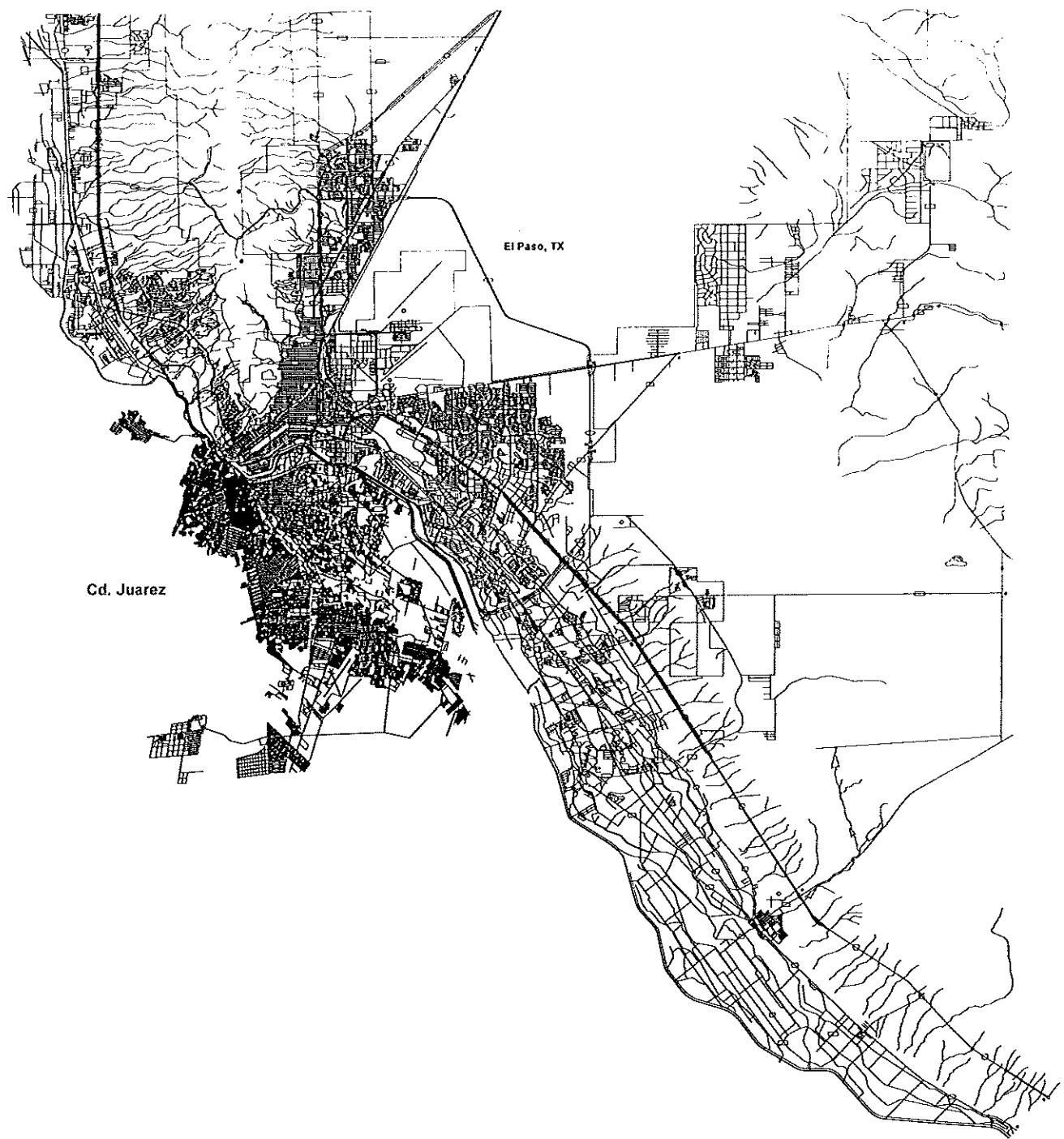


Figure 1.1 Region Map

## 2.0 Survey Method

### ◆ 2.1 Gridded Sample Method

An arbitrary grid system was laid out across a scale map of the city of Juarez from which samples were devised. The grid was made up of approximately 2 kilometer cells, laid out in a 10 by 15 grid. Cells where no street network was mapped were blanked out from the grid.

Using a random number generator from a computer, two sets of random numbers were generated. Cells were drawn from the two sets of numbers, the first value being the horizontal column number, and the second value was the vertical row number, making up a cell selection, without replacement. Twenty cell were selected for sampling.

A group of students was briefed on the selection method and given a map of the city of Juarez with the grid cell structure laid upon it. The students divided up into teams and were instructed to collect 10 to 20 household interviews over the following two week period, preferably on weekdays. This resulted in the collection of 362 households of data on over 560 forms. 221 households could be geocoded to a specific node location, while 343 households provided complete information.

Since the survey was a cursory investigation, intended only to collect very basic travel characteristics on vehicle drivers, the interview forms were short. The basic intention of the survey was to get a cursory idea on trip lengths, trip purposes, vehicle driver trip rates, and vehicles per household, as well as some other basic statistics. No consideration was given to making the survey statistically valid except for ensuring a scattered geographic distribution throughout the city of Juarez.

Figure 2.1 is a sample of the survey form used for the 1993 survey. Figure 2.2 shows the grid cell sampling structure, and the number of sampled households taken from each cell.

The 362 household records resulted in the coding of 1,792 trip records. 322 trip records could not be geocoded to a specific node location, leaving a total of 1,470 geocoded trip records in the sample for Juarez.

### ◆ 2.2 Basic Statistics

Figure 2.3 shows the distribution of total population aggregated to 1990 AGEBS (AGEBS are described in the section titled "Geographic Files"). Estimates of population derived

from the Mexican agency INEGI (Mexican Census) for 1994 total 797,800 for the urban area proper of the city of Juarez. The total employment derived from the same source totals approximately 418900 employed persons. Figure 2.4 shows the distribution of employment among 1990 AGEBS. Densities in the city of Juarez are high. Figure 2.5 shows that the population density is highest in the wester part of the city, west of the CBD area, while the more affluent neighborhoods east of the central area are much less densely populated. A similar trend in average household size can bee seen in Figure 2.6.

| Encuesta de Viajes Diarios   |  |       |   |                  | Reportero/a:   | Muestra # |       |        |                  |   |  |  |  |  |   |  |  |  |  |   |  |  |  |  |   |  |  |  |  |   |  |
|--|--|-------|---|------------------|--|-----------|-------|--------|------------------|---|--|--|--|--|---|--|--|--|--|---|--|--|--|--|---|--|--|--|--|---|--|
| <p style="text-align: center;"><small>Comité Encuestas de Cd. Juárez<br/>Instituto Tecnológico de Cd. Juárez<br/>Texas Transportation Institute</small></p> <p><b>Información de Vehículos que usaron en este día:</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Vehículo Número</th> <th>Año</th> <th>Marca</th> <th>Modelo</th> <th>Approx. Odómetro</th> </tr> </thead> <tbody> <tr><td>1</td><td></td><td></td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td></tr> </tbody> </table> |  |       |   |                  | Vehículo Número  | Año       | Marca | Modelo | Approx. Odómetro | 1 |  |  |  |  | 2 |  |  |  |  | 3 |  |  |  |  | 4 |  |  |  |  | <p>Gracias por su participación en esta encuesta importante de viajes diarios.</p> <p>A. Marca solo los viajes en que usaron vehículos privados (no transporte público)</p> <p>B. Si no hay destino exacto, marca el cruce de las calles más cerca del destino.</p> <p>C. Esta encuesta es para información solo. Favor de no marcar los nombres de las personas del hogar.</p> |  |
| Vehículo Número  | Año  | Marca | Modelo  | Approx. Odómetro |  |           |       |        |                  |   |  |  |  |  |   |  |  |  |  |   |  |  |  |  |   |  |  |  |  |   |  |
| 1  |  |       |   |                  |  |           |       |        |                  |   |  |  |  |  |   |  |  |  |  |   |  |  |  |  |   |  |  |  |  |   |  |
| 2  |  |       |   |                  |  |           |       |        |                  |   |  |  |  |  |   |  |  |  |  |   |  |  |  |  |   |  |  |  |  |   |  |
| 3  |  |       |   |                  |  |           |       |        |                  |   |  |  |  |  |   |  |  |  |  |   |  |  |  |  |   |  |  |  |  |   |  |
| 4  |  |       |   |                  |  |           |       |        |                  |   |  |  |  |  |   |  |  |  |  |   |  |  |  |  |   |  |  |  |  |   |  |
|  |  |       |   |                  | <p>Dirección: _____</p> <p>Número de teléfono: _____</p> <p>Fecha de viajes: _____</p>   |           |       |        |                  |   |  |  |  |  |   |  |  |  |  |   |  |  |  |  |   |  |  |  |  |   |  |
| <b>REGISTRO DE VIAJE</b>   |  |       |   |                  |  |           |       |        |                  |   |  |  |  |  |   |  |  |  |  |   |  |  |  |  |   |  |  |  |  |   |  |
| <p>Mi primer viaje hoy comenzó: _____ de la casa _____ de otro lugar</p> <p>(Dirección)</p> <p>(lugar/dirección ó cruce más cerca)</p>   |  |       |   |                  | <p>Vehículo Número _____</p>   |           |       |        |                  |   |  |  |  |  |   |  |  |  |  |   |  |  |  |  |   |  |  |  |  |   |  |
| <p>Hora de salida: _____ a.m. _____ p.m.</p>   |  |       |   |                  | <p>A qué hora<br/>Llegué _____<br/>Sali _____<br/><br/>Llegué _____<br/>Sali _____<br/><br/>Llegué _____<br/>Sali _____<br/><br/>Llegué _____<br/>Sali _____</p> |           |       |        |                  |   |  |  |  |  |   |  |  |  |  |   |  |  |  |  |   |  |  |  |  |   |  |
| <p>Primer viaje:</p> <p>Nombre del Lugar _____</p> <p>Dirección ó cruce más cerca _____</p> <p>Nombre del Lugar _____</p> <p>Dirección ó cruce más cerca _____</p> <p>Nombre del Lugar _____</p> <p>Dirección ó cruce más cerca _____</p> <p>Nombre del Lugar _____</p> <p>Dirección ó cruce más cerca _____</p>   | <p>¿Llegó/salió de aquí?</p> <p>Regresó al hogar</p> <p><input type="checkbox"/> Trabajo/relacionado al trabajo</p> <p><input type="checkbox"/> Escuela/Colegio</p> <p><input type="checkbox"/> Ir de Compras</p> <p><input type="checkbox"/> Recreativo/Social</p> <p><input type="checkbox"/> Levantar/Dejar un pasajero</p> <p><input type="checkbox"/> Otro razón: _____</p> |       | <p>Razón por Viaje (marca solo uno)</p> <p>Regresó al hogar</p> <p><input type="checkbox"/> Trabajo/relacionado al trabajo</p> <p><input type="checkbox"/> Escuela/Colegio</p> <p><input type="checkbox"/> Ir de Compras</p> <p><input type="checkbox"/> Recreativo/Social</p> <p><input type="checkbox"/> Levantar/Dejar un pasajero</p> <p><input type="checkbox"/> Otro razón: _____</p> |                  | Zona   |           |       |        |                  |   |  |  |  |  |   |  |  |  |  |   |  |  |  |  |   |  |  |  |  |   |  |
|  | <p>Regresó al hogar</p> <p><input type="checkbox"/> Trabajo/relacionado al trabajo</p> <p><input type="checkbox"/> Escuela/Colegio</p> <p><input type="checkbox"/> Ir de Compras</p> <p><input type="checkbox"/> Recreativo/Social</p> <p><input type="checkbox"/> Levantar/Dejar un pasajero</p> <p><input type="checkbox"/> Otro razón: _____</p>                              |       | <p>Regresó al hogar</p> <p><input type="checkbox"/> Trabajo/relacionado al trabajo</p> <p><input type="checkbox"/> Escuela/Colegio</p> <p><input type="checkbox"/> Ir de Compras</p> <p><input type="checkbox"/> Recreativo/Social</p> <p><input type="checkbox"/> Levantar/Dejar un pasajero</p> <p><input type="checkbox"/> Otro razón: _____</p>   |                  |  |           |       |        |                  |   |  |  |  |  |   |  |  |  |  |   |  |  |  |  |   |  |  |  |  |   |  |
|  | <p>Regresó al hogar</p> <p><input type="checkbox"/> Trabajo/relacionado al trabajo</p> <p><input type="checkbox"/> Escuela/Colegio</p> <p><input type="checkbox"/> Ir de Compras</p> <p><input type="checkbox"/> Recreativo/Social</p> <p><input type="checkbox"/> Levantar/Dejar un pasajero</p> <p><input type="checkbox"/> Otro razón: _____</p>                              |       | <p>Regresó al hogar</p> <p><input type="checkbox"/> Trabajo/relacionado al trabajo</p> <p><input type="checkbox"/> Escuela/Colegio</p> <p><input type="checkbox"/> Ir de Compras</p> <p><input type="checkbox"/> Recreativo/Social</p> <p><input type="checkbox"/> Levantar/Dejar un pasajero</p> <p><input type="checkbox"/> Otro razón: _____</p>   |                  |  |           |       |        |                  |   |  |  |  |  |   |  |  |  |  |   |  |  |  |  |   |  |  |  |  |   |  |
|  | <p>Regresó al hogar</p> <p><input type="checkbox"/> Trabajo/relacionado al trabajo</p> <p><input type="checkbox"/> Escuela/Colegio</p> <p><input type="checkbox"/> Ir de Compras</p> <p><input type="checkbox"/> Recreativo/Social</p> <p><input type="checkbox"/> Levantar/Dejar un pasajero</p> <p><input type="checkbox"/> Otro razón: _____</p>                              |       |   |                  |  |           |       |        |                  |   |  |  |  |  |   |  |  |  |  |   |  |  |  |  |   |  |  |  |  |   |  |

Figure 2.1 Sample 1993 Travel Interview Form

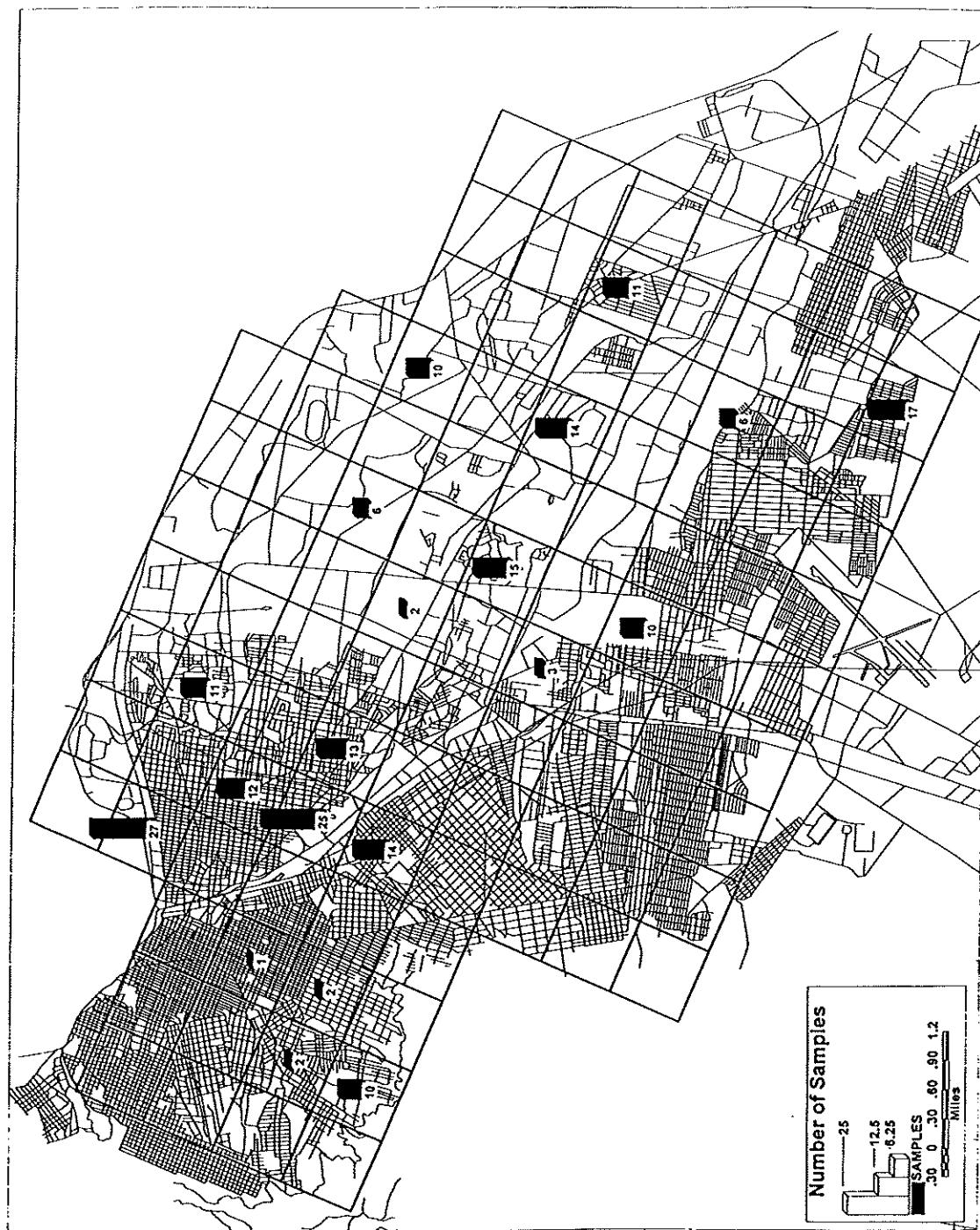


Figure 2.2 Sample Grid Cell Structure

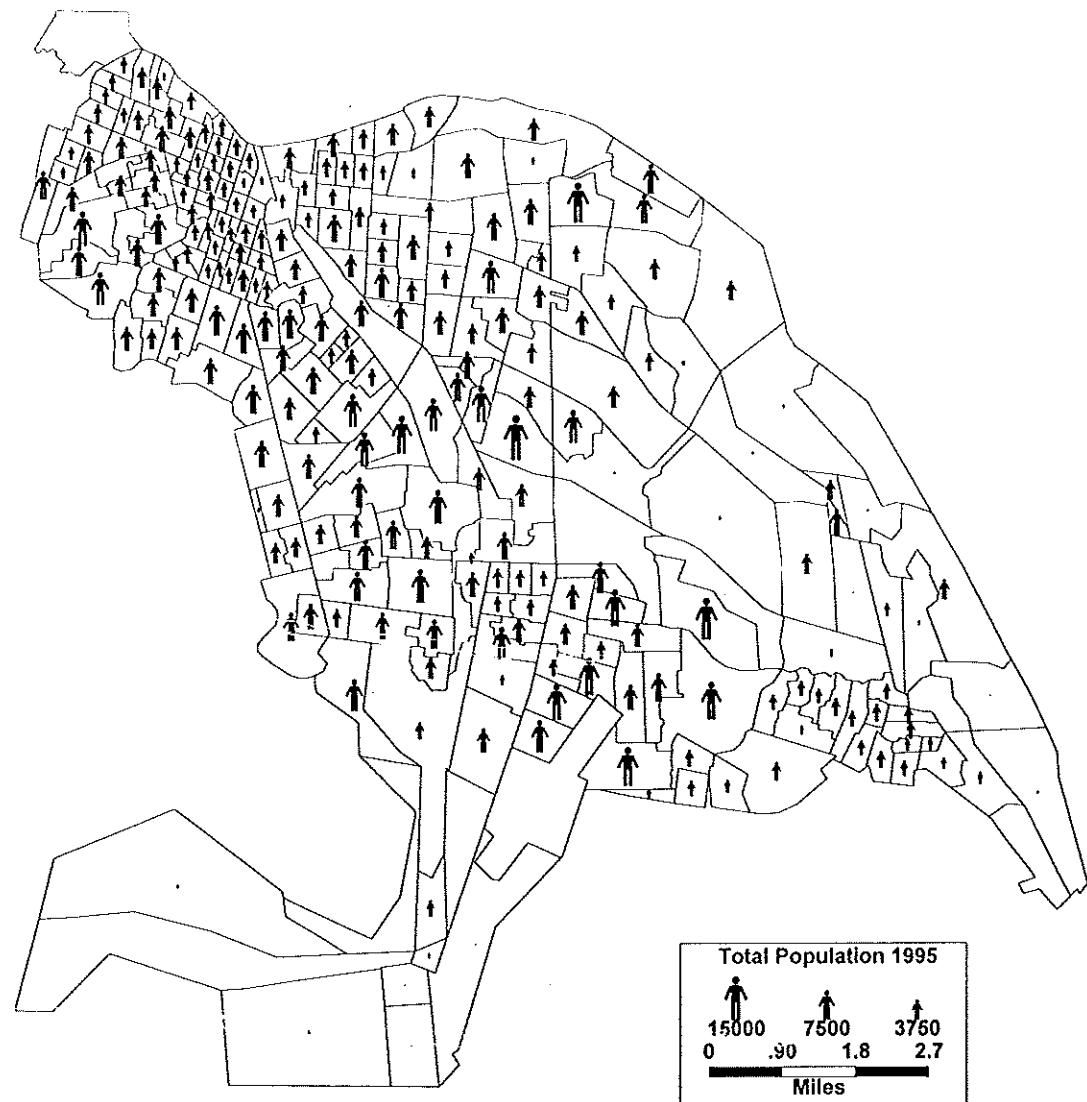


Figure 2.3 1995 Estimated Population

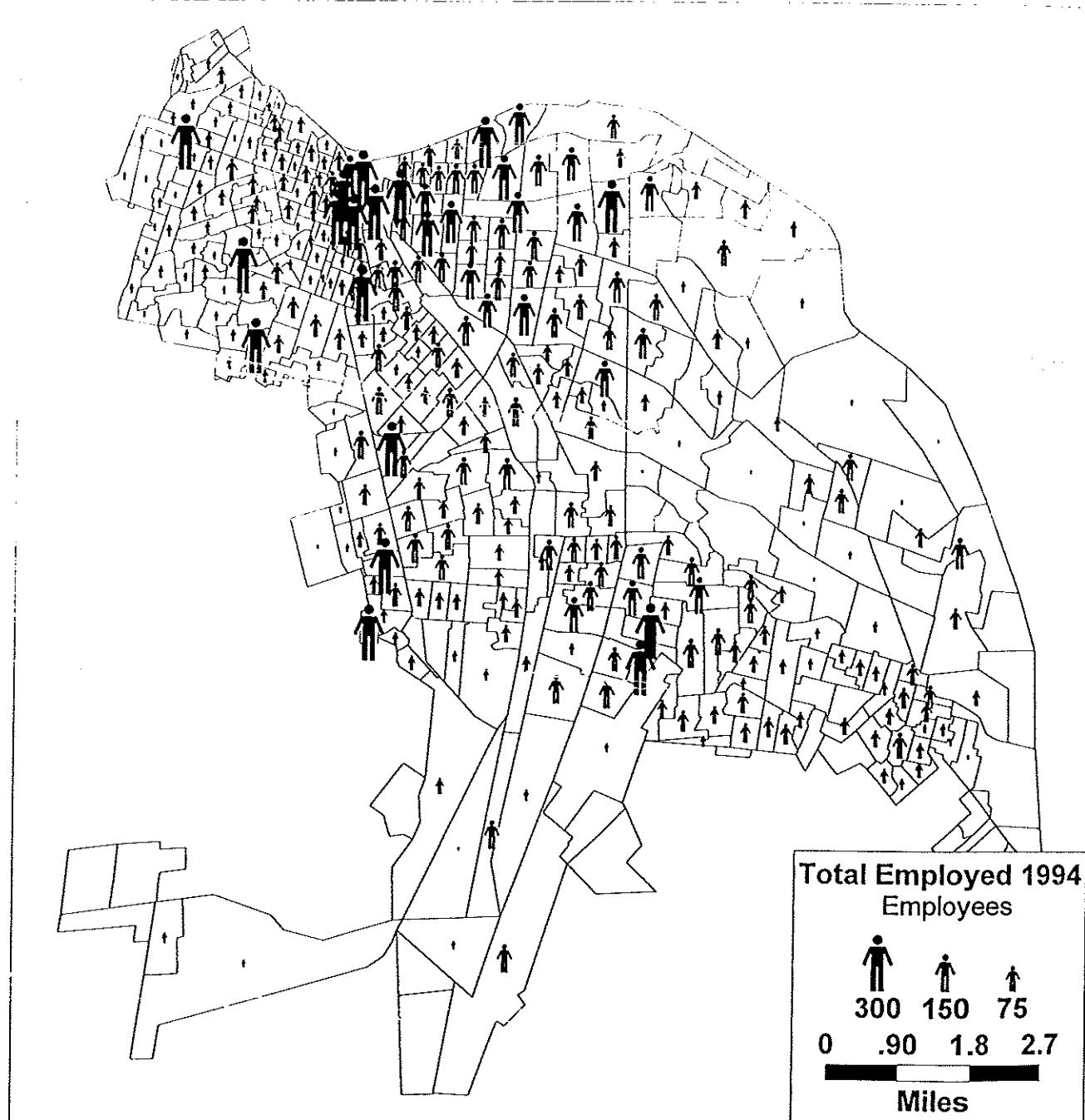


Figure 2.4 1994 Estimated Employment



Figure 2.5 1995 Estimated Population Densities



Figure 2.6 1990 Estimated Household Size

## 3.0 Data Base Development

### ◆ 3.1 Survey Data Base

The 1993 Juarez travel survey was coded into 3 separate files, according to Table 3.1.

**Table 3.1 Data Base Structure**

| Household File   | Vehicle File     | Trip File                |
|------------------|------------------|--------------------------|
| Household Number | Household Number | Household Number         |
| Address          | Vehicle Number   | Trip Number              |
| Telephone        | Model Year       | Trip Origin Hour         |
| Node Number*     | Make             | Trip Origin Minute       |
| Travel Date      | Model            | Trip Arrival Hour        |
| Travel Day       | Odometer         | Trip Arrival Minute      |
| Weekday Flag     |                  | Trip Departure Hour      |
| Number of Cars   |                  | Trip Departure Minute    |
| Reporter         |                  | Trip Destination Place   |
| Form Number      |                  | Trip Destination Address |
| Sample Grid Cell |                  | Trip Purpose Code        |
|                  |                  | Trip Destination Node*   |

\* Node number was post process geocoded

The three files were coded using commercially available data base software, and could be internally relational joined by using the key field of household number. This method eliminated the need to duplicate information on households for each trip and vehicle record.

After all of the data was transferred from the hardcopy forms to the survey data base, the node number was geocoded as a post process by the Instituto Municipal de Investigacion y Planeacion (IMIP) agency in Juarez.

## ◆ 3.2 Geographic Data Bases

Several geographic data bases were used to relate the 1993 travel survey data to a geographic location or area for analysis purposes. Table 3.2 show the geographic data bases that were used.

**Table 3.2 Geographic Data Bases**

| Geographic Data Base     | Description   |
|--------------------------|---|
| AGEB 1990                | Basic Statistical Geographic Areas used by INEGI, the Mexican census agency |
| AGEB 1994                | Modified 1990 AGEBS by the IMIP agency                                      |
| TxDOT Model Network      | TxDOT modeling network used to store 1992-1193 traffic counts               |
| TxDOT Zone Map           | Arbitrary TxDOT modeling zone structure                                     |
| TxDOT Digital Street Map | TxDOT digitized street map from hardcopy                                    |
| IMIP Base Map            | Base map of curb-lines used by IMIP   |
| IMIP Intersection Nodes  | Intersections based on IMIP Base Map  |

The 1994 geographic data base AGEB was a modification to the 1990 Mexican census zones from the INEGI agency. Sets of population and economic data were made available by both the 1990 and the 1994 AGEB zone structures. The AGEB zone structures are depicted in Figures 3.1 and 3.2

## ◆ 3.3 Model Network

In order to obtain a distribution of surveyed trips by trip length, a coded modeling network was needed. The method used for deriving the model network was to begin with the TxDOT model network and revise and edit the links to depict a more accurate geography.

The fundamental unit for analysis of the surveyed trips was the trip record. The trip records were aggregated to 1994 AGEB zones for the purpose of determining a trip length frequency distribution. The 1994 AGEB zones were used as a guide to determine the level of detail needed in the modeling network.

Once the network was coded, centroid connectors were added from the centroid of each 1994 AGEB to the nearest node on the model network. The model network is depicted in Figure 3.3.



Figure 3.1 1990 Geographic Statistics Areas (AGEB)

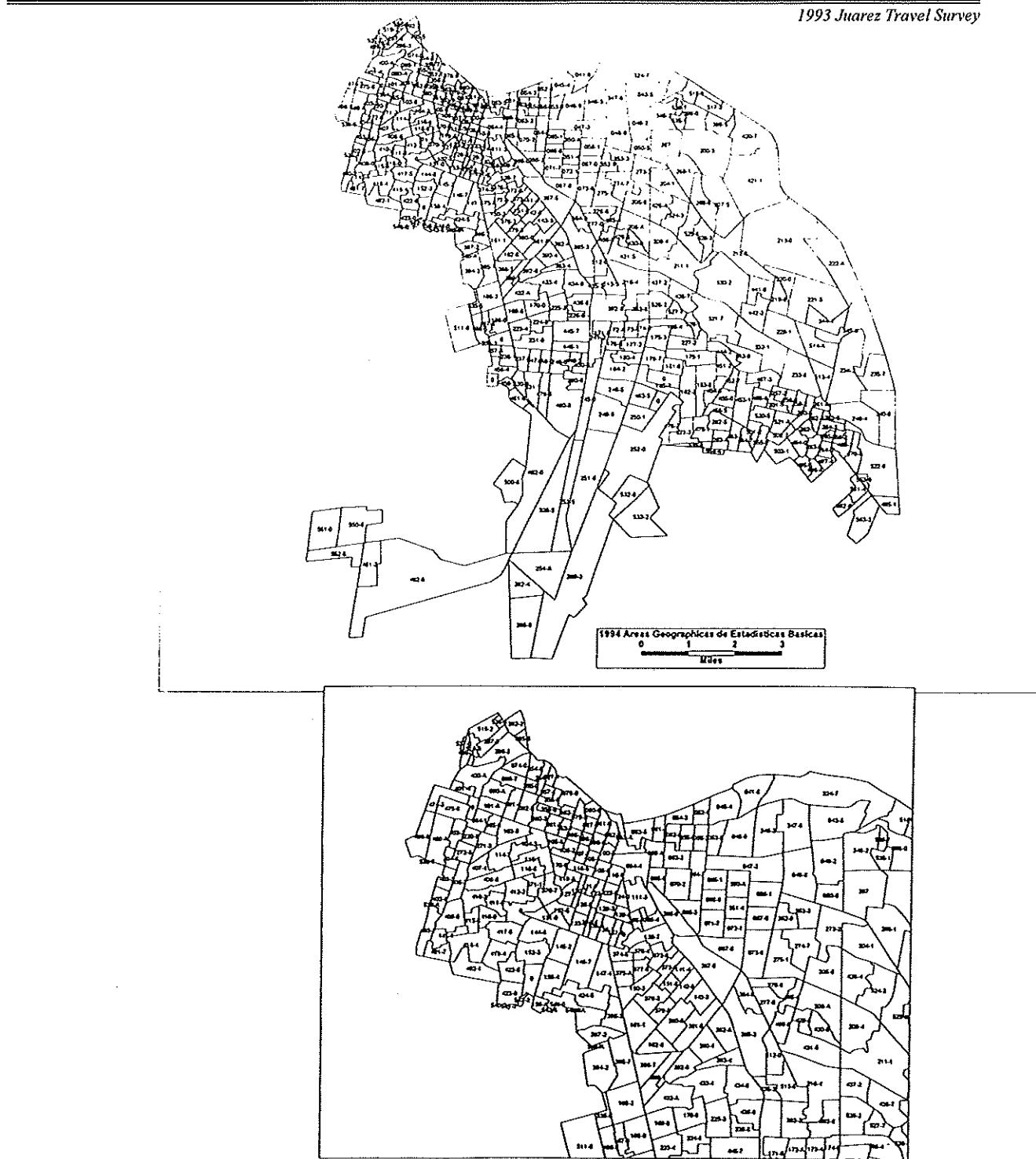


Figure 3.2 1994 Geographic Statistics Areas (AGEB)

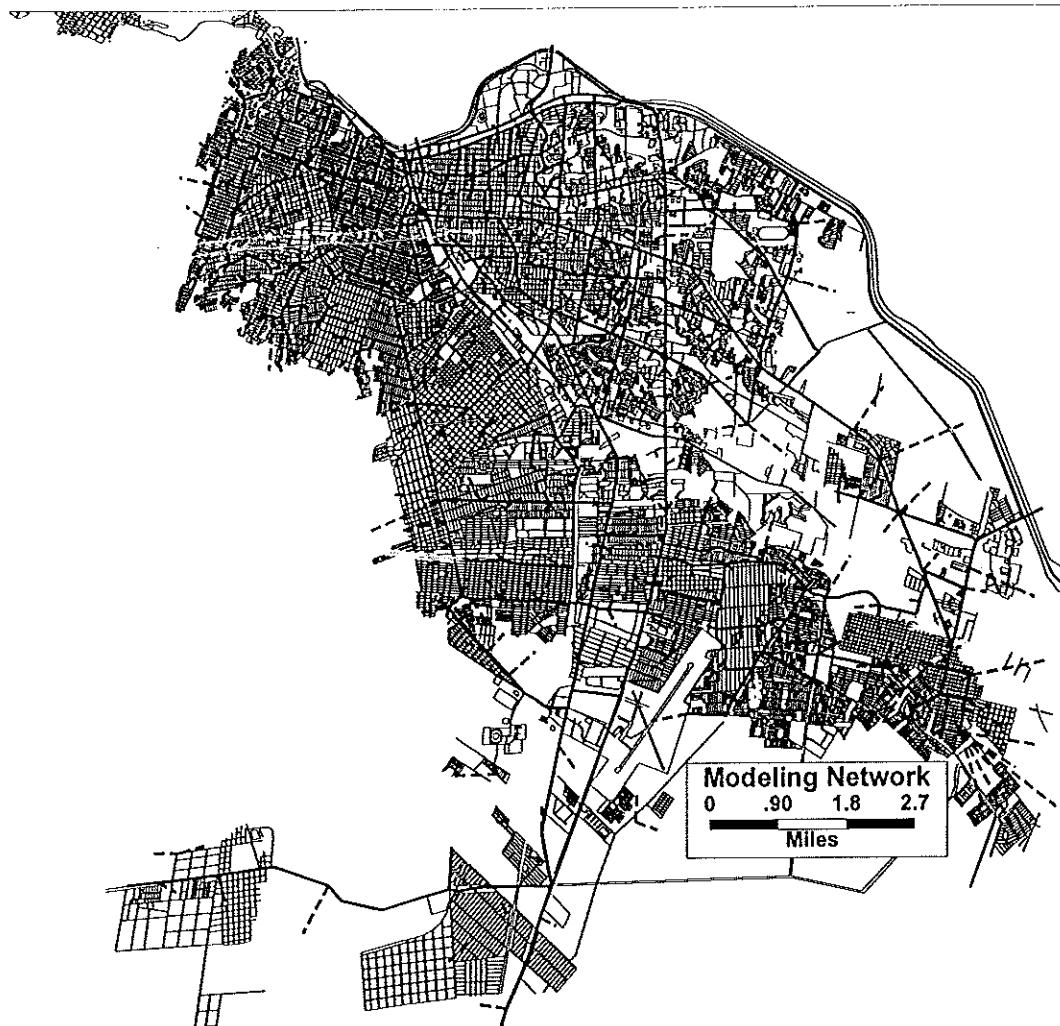


Figure 3.3 Distance Modeling Network

## ◆ 3.4 Geocoding System

Each trip record contains an address for the beginning of the trip and for the ending of the trip. In addition, each household record contains the address of the household. The raw

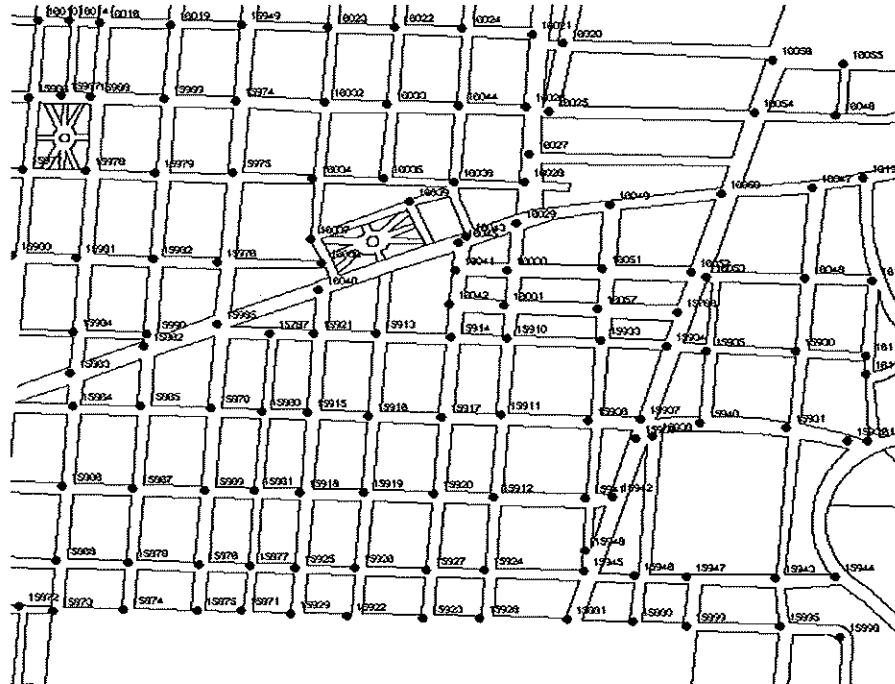


Figure 3.4 Intersection Geocoding Base Map Example

data forms for the 1993 Juarez travel survey were used as a test bed for a geocoding system put in place by the IMIP agency in Juarez to geocode the 1996 large scale survey.

The system encompasses a data base containing all of the street intersections in the city of Juarez. Attached to the street intersections is a node number which is maintained in a GIS base map, as depicted in Figure 3.4.

Each address in the survey data base was used as a query to the intersection-node data base. The node numbers were then marked on the survey forms and returned to TTI. Subsequently, the node numbers were coded into the travel survey data base.

This geocoding system was used in lieu of address matching because of the concern over lack of uniformity in addressing in the city of Juarez. Essentially, address matching depends on having a uniform system of odd-even address coding, and consistent block numbering. Also, there was no known address-coded GIS base map for Juarez (in the

U.S. the Census Bureau TIGER files are used commonly for this purpose). Therefore, it was decided that the intersection coding system would provide for a “nearest intersection” geocode, which could then be aggregated to any zone structure needed for analysis purposes. Using this system, very high match rates were obtained.

Once the trip records and household records had been coded with the corresponding intersection node numbers, it was a simple process to join the data base with a GIS base map of the intersection nodes for mapping purposes, as shown in Figure 3.5.

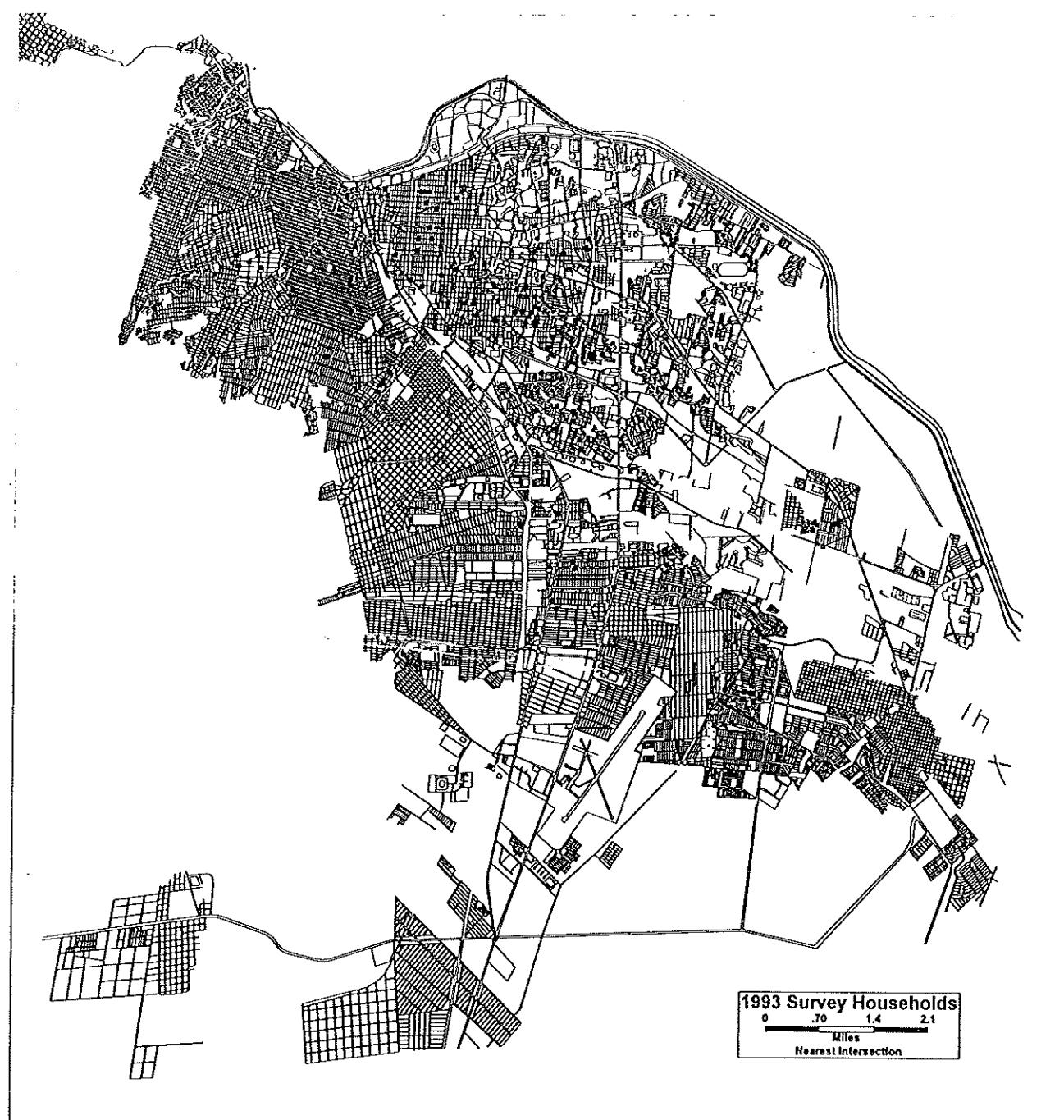


Figure 3.5 1993 Survey Households

## 4.0 Survey Data Analysis

### ◆ 4.1 Household and Vehicle Data

As shown in Table 4.1, the household interviews took place during a variety of week days and weekend days, totaling 343 total interviews. Figure 4.1 shows the geographic distribution of the surveyed households, with weekday interviews depicted separately from weekend interviews.

**Table 4.1 Sample Days**

| Survey Day | Samples |
|------------|---------|
| Monday     | 45      |
| Tuesday    | 56      |
| Wednesday  | 68      |
| Thursday   | 55      |
| Friday     | 26      |
| Saturday   | 32      |
| Sunday     | 11      |
| Not coded  | 50      |

While it is assumed that several households could have provided misleading information due to the nature of the survey (at the doorstep), the reporters were instructed to collect information on all vehicles in the household. A major problem found in the survey method is that the reporters arbitrarily avoided zero vehicle households due to a lack of understanding of the survey goals. Figure 4.2 shows the geographic distribution of vehicles per household among the surveyed households.

Table 4.2 shows a summary of the household interviews and vehicles per household.

**Table 4.2 Household Summary**

|                        |       |
|------------------------|-------|
| Households             | 343   |
| Vehicles               | 483   |
| Trips                  | 1792  |
| Vehicles per Household | 1.41  |
| Trips per Household    | 5.22  |
| 1-Vehicle Households   | 68.8% |
| 2-Vehicle Households   | 20.8% |
| 3-Vehicle Households   | 8.6%  |
| 4-Vehicle Households   | 1.8%  |

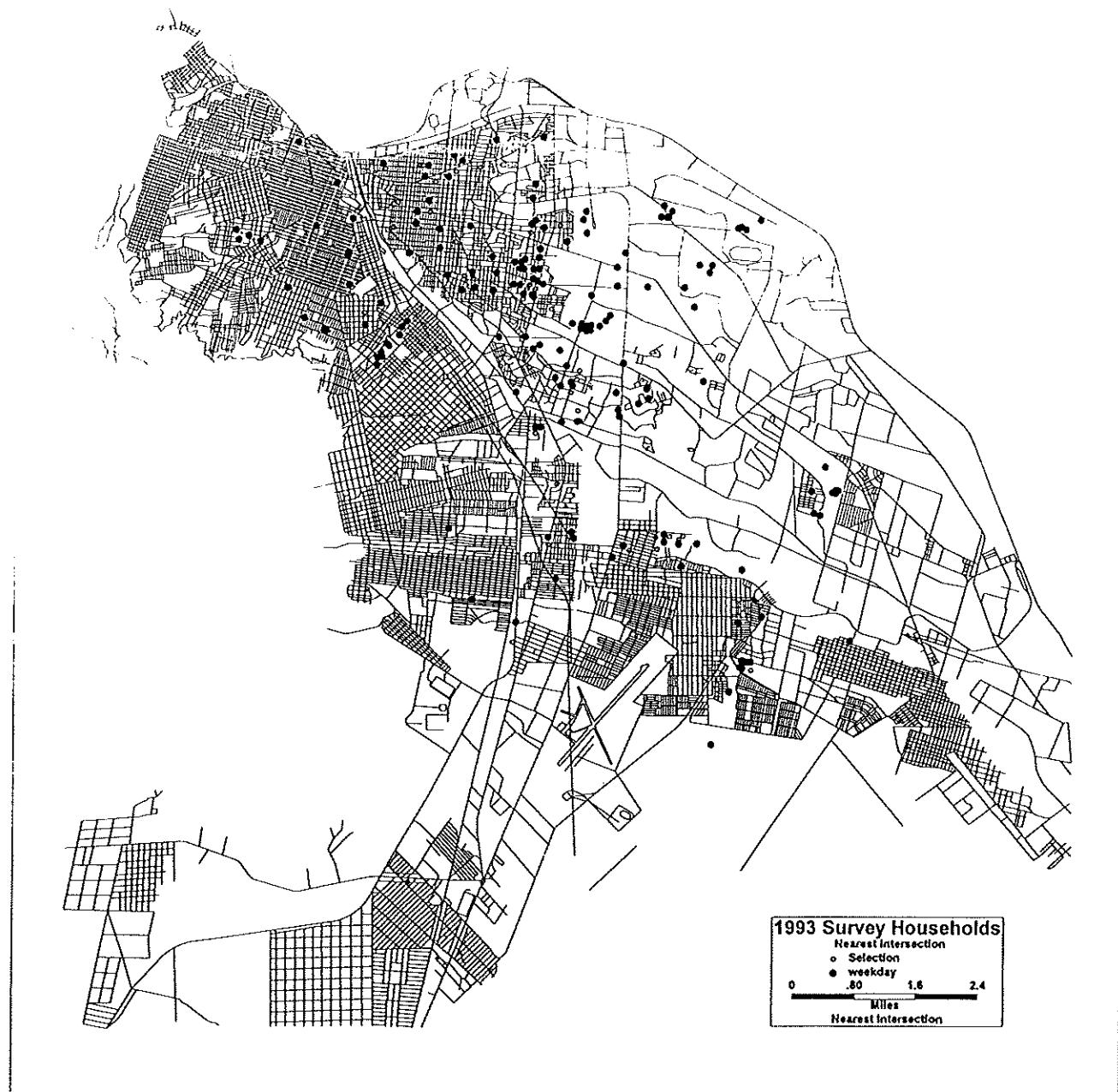


Figure 4.1 Weekend/Weekday Surveyed Households

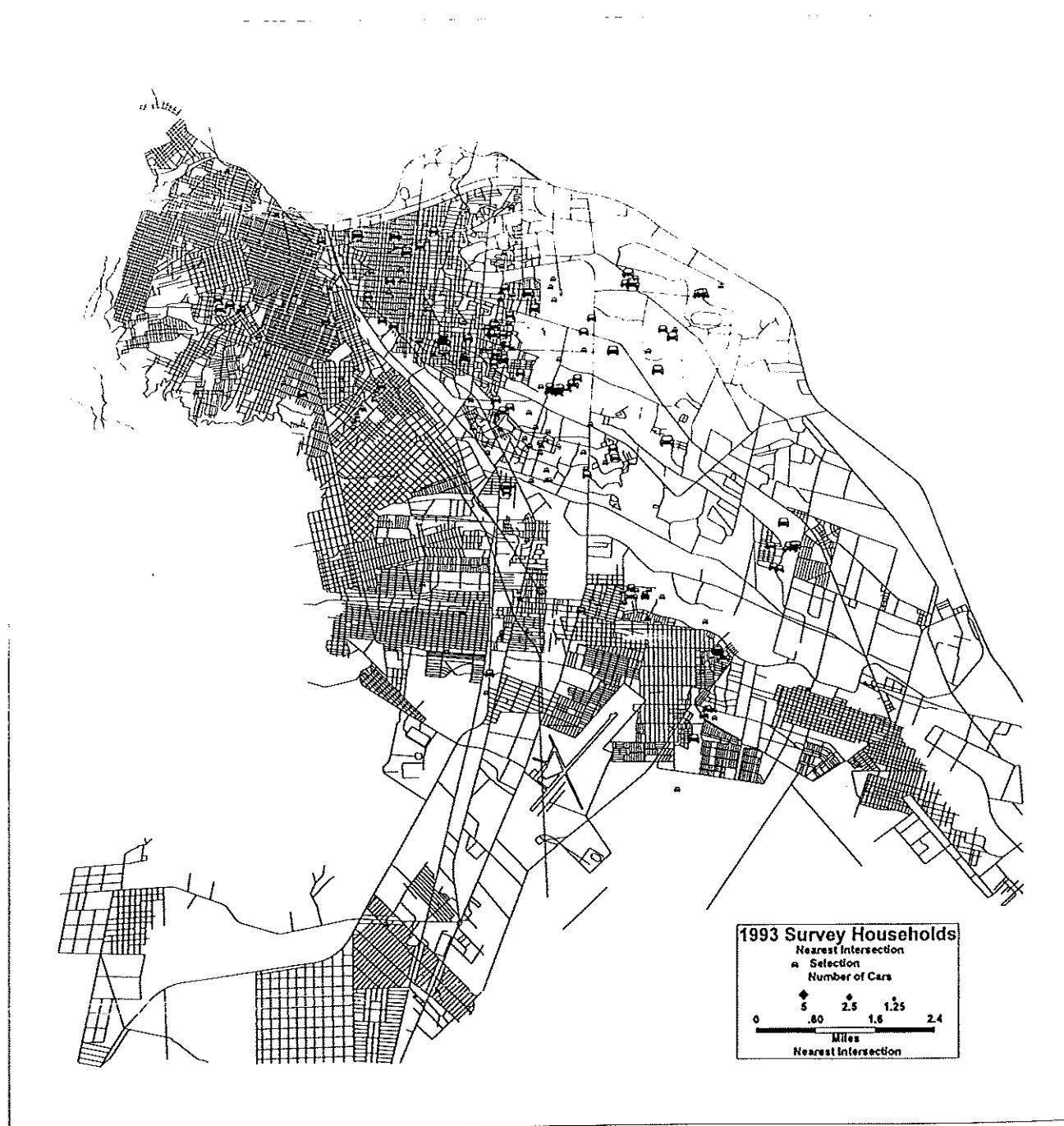


Figure 4.2 Vehicles per Household

Table 4.3 shows the distribution of vehicles recorded in the survey by model year. Several problems were encountered in the odometer data collected, and the data was discarded as unusable.

**Table 4.3 Vehicle Summary**

| Model Year | Percent of Vehicles |
|------------|---------------------|
| Pre-1970   | 1.4%                |
| 1970-1979  | 16.4%               |
| 1980-1984  | 41.9%               |
| 1985-1989  | 34.2%               |
| 1990-1994  | 5.7%                |
| undefined  | 0.4%                |

◆ **4.2 Trip Purpose Analysis**

Of the 1,792 trips, only 1,470 trips could be completely geocoded for both origin and destination. The trip ends were geocoded to the nearest intersection in the same manner used for the household locations. Figure 4.3 is a graphical representation of the intersection trip ends, with the larger frequencies showing up as a larger symbol. Table 4.4 is a list of the trips by trip purpose.

**Table 4.4 Trip Purpose Summary**

| Trip Purpose                                    | Number of<br>Surveyed Trips | Percent | Small Urban<br>Areas: Texas* |
|---|-----------------------------|---------|------------------------------|
| Home Based Work                                 | 474                         | 32.2%   | 20.0%                        |
| Home Based School                               | 260                         | 17.7%   |                              |
| Home Based Shopping                             | 106                         | 7.2%    |                              |
| Home Based Other (including<br>serve passenger) | 149                         | 10.1%   |                              |
| Home Based Social                               | 123                         | 8.4%    |                              |
| Home Non-Work Subtotal                          | 638                         | 43.4%   | 45.0%                        |
| Non-Home Based                                  | 358                         | 24.4%   | 35.0%                        |
| Total Trips                                     | 1470                        |         |                              |

\*Source: *Urban Travel in Texas, Texas Transportation Institute, 1993*

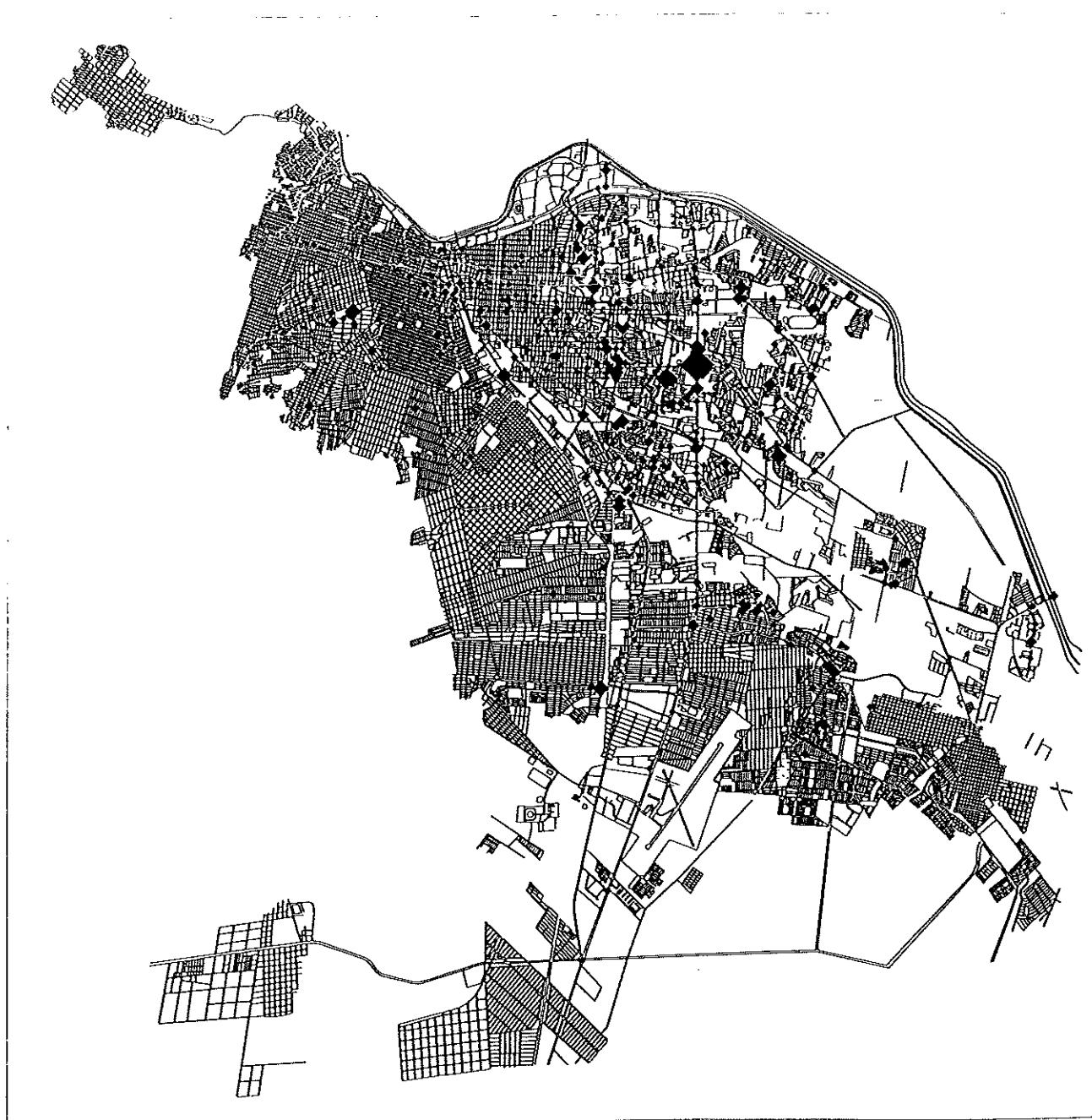


Figure 4.3 Destination Trip Ends to Nearest Intersection

#### ◆ 4.3 Trip Rates

Table 4.5 lists the trip rates derived from the 1993 small scale Juarez survey. Note that these rates are raw vehicle trips per household based on geocoded trip ends only. While the home based work trip rates are similar to Texas small city trip rates, the home based non-work and the non-home based trip rates in Juarez are much lower. This may be accounted for by a high percentage of transit usage by Juarez residents (estimated to be up to 50% of person trips) for these trip purposes, which may be validated by the 1996 large scale survey. Also, the 1993 surveyed trips were not based on a stratified sample and could be biased in some manner.

**Table 4.5 Trip Rate Summary**

| Trip Purpose                                 | Trips per Household | Small Urban Areas: Texas* |
|--|---------------------|---------------------------|
| Home Based Work                              | 1.38                | 1.4                       |
| Home Based School                            | 0.76                |                           |
| Home Based Shopping                          | 0.31                |                           |
| Home Based Other (including serve passenger) | 0.43                |                           |
| Home Based Social                            | 0.36                |                           |
| Home Non-Work Subtotal                       | 1.86                | 3.2                       |
| Non-Home Based                               | 1.04                | 2.5                       |
| Total Trips                                  | 4.29                | 6.98                      |

\*Source: *Urban Travel in Texas, Texas Transportation Institute, 1993*

#### ◆ 4.4 Time of Day Distribution

The time of day distribution of trips shows that trips in Juarez have a different patterns than comparable statistics for U.S. cities. Figure 4.4 shows the distribution of start times as recorded in the 1993 small scale survey. Basically, the morning peak occurs between 8:00 AM and 9:00 AM, tapering off until the beginning of the afternoon rush period (*comida* or *siesta*) which peaks between 2:00 PM and 3:00 PM. Workers and other activity continues at a sustained level until around 10:00 PM, when trip starts reduce significantly.

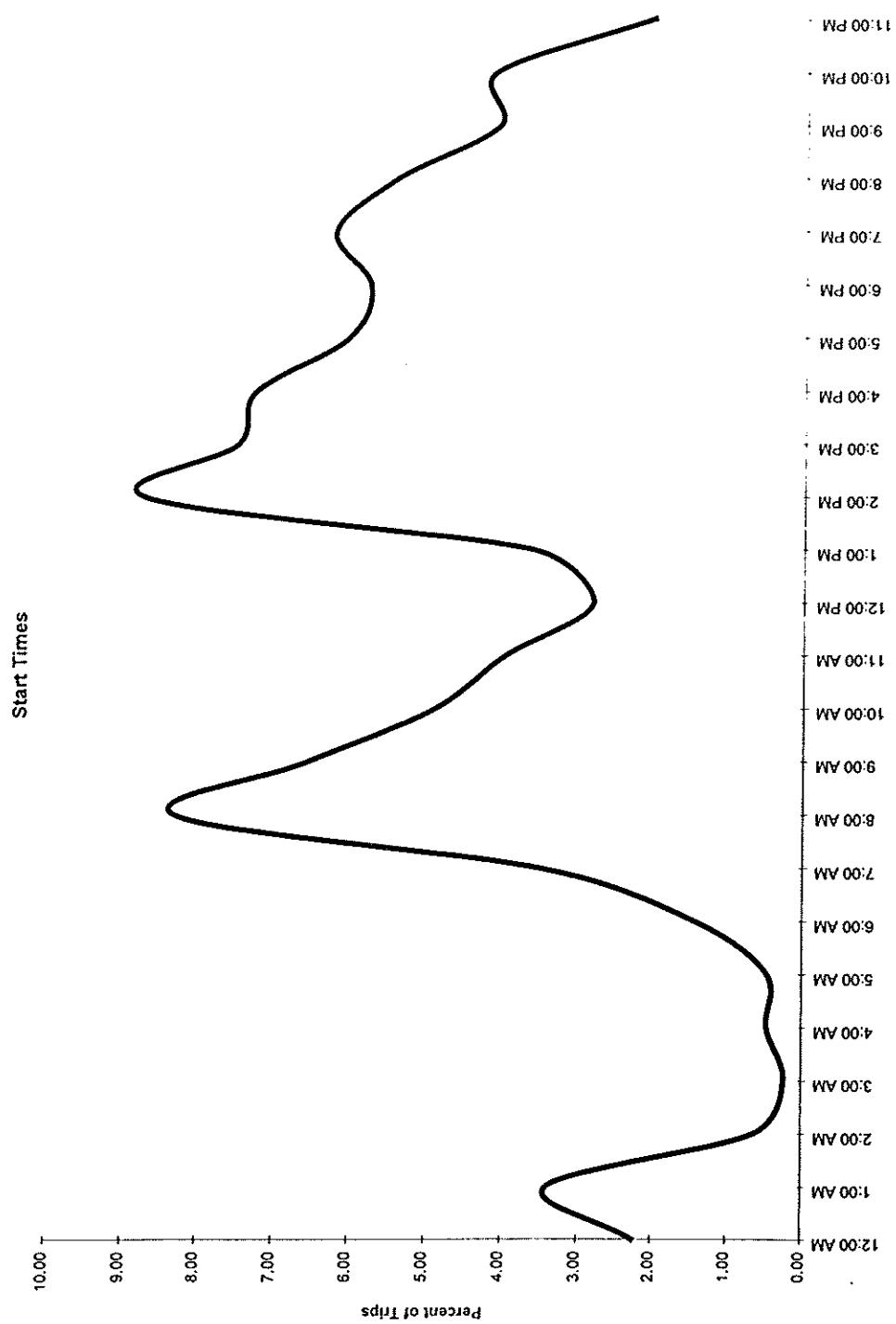


Figure 4.4 Reported Trip Start Times

## ◆ 4.5 Trip Length Frequencies

Table 4.6 shows the average trip lengths, and compares the trip lengths in miles from the 1993 Juarez survey to those obtained from small cities in Texas.

The average trip length, in miles, for the Juarez survey data was calculated by aggregating the trip ends by trip purpose from the closest intersection node geography to 1994 AGEB zones. A separation matrix was calculated using the previously described model network based upon the 1994 AGEB zone structure. Trip tables were built using the aggregated zone-to-zone trips directly from the survey data. Using the trip tables by trip purpose and the separation matrices (in miles), trip length frequency distributions could be calculated.

**Table 4.6 Mean Trip Lengths**

| Trip Purpose                                 | Average Trip Length (miles): Juarez | Average Trip Length, Small Urban Areas: Texas* | Maximum Trip Length (miles): Juarez |
|--|-------------------------------------|--|-------------------------------------|
| Home Based Work                              | 3.80                                | 4.8  | 11.6                                |
| Home Based School                            | 3.60                                | HBNW:3.3                                       | 11.8                                |
| Home Based Shopping                          | 2.40                                |  | 7.6                                 |
| Home Based Other (including serve passenger) | 2.90                                |  | 9                                   |
| Home Based Social                            | 3.40                                |  | 9.7                                 |
| Non-Home Based                               | 3.00                                | 3.1  | 11.7                                |
| Total Trips                                  | 3.30                                | 3.5  | 11.8                                |

\*Source: *Urban Travel in Texas, Texas Transportation Institute, 1993*

Figures 4.5 through 4.10 show the trip length frequency distributions graphically, and Table 4.7 lists the relative frequency distributions in miles at 1 mile intervals.

**Table 4.7 Trip Length Frequency Distributions**

| Trip Distance (miles) | All Trips | Home Based Work | Home Based School | Home Based Shopping | Home Based Other | Home Based Social | Non-Home Based |
|-----------------------|-----------|-----------------|-------------------|---------------------|------------------|-------------------|----------------|
| 1                     | 9.3       | 8.8             | 5.8               | 12.1                | 8.3              | 8.8               | 22.1           |
| 2                     | 21.3      | 16.6            | 19.9              | 33.3                | 27.6             | 20.2              | 22.2           |
| 3                     | 22.7      | 20.8            | 18.7              | 26.3                | 31.7             | 25.4              | 22.2           |
| 4                     | 15.8      | 15.7            | 19.1              | 11.1                | 6.2              | 10.5              | 20.8           |
| 5                     | 11.0      | 10.2            | 17.4              | 6.1                 | 10.3             | 11.4              | 8.9            |
| 6                     | 7.5       | 9.0             | 3.7               | 6.1                 | 10.3             | 12.3              | 5.8            |
| 7                     | 5.9       | 9.2             | 8.7               | 4.0                 | 0.7              | 5.3               | 3.2            |
| 8                     | 2.8       | 3.1             | 3.7               | 1.0                 | 3.5              | 3.5               | 1.7            |
| 9                     | 1.6       | 2.4             | 2.1               |                     | 0.0              | 1.8               | 1.4            |
| 10                    | 1.1       | 2.1             | 0.4               |                     | 1.4              | 0.9               | 0.6            |
| 11                    | 0.7       | 1.9             | 0.0               |                     |                  |                   | 0.6            |
| 12                    | 0.4       | 0.5             | 0.4               |                     |                  |                   | 0.6            |

#### ◆ **4.6 Prospect for a Juarez Travel Model**

A Juarez travel model would allow for several levels of planning analysis in the El Paso/Juarez region currently available at only sketch planning levels, including:

- ♦ An improved ability to obtain vehicle emissions at a disaggregate level of geography within Juarez
- ♦ An improved ability to model international border crossings, based upon planned development patterns and bridge locations and capacities
- ♦ An improved method of determining efficient transportation system improvements within the city of Juarez, improving mobility and reducing vehicle emissions

A set of trip tables from the 1993 travel survey was developed based upon the non-expanded trips derived from the raw survey data. An expanded set of trip tables is not possible to derive from the data because of a lack of samples covering a widespread geographic area throughout the Juarez AGEZ zones. However, using the trip rates from the study, one could potentially determine a trip rate per household and apply the rate to the total households in each zone (of any suitable geography), and obtain expanded total

production trip ends. Total attractions could be obtained by dividing the total trips arriving in each zone by the total employment in the zone. The trip ends could then be distributed using a gravity model controlled by the trip length frequencies from the survey.

The 1993 small scale survey, while suitable for obtaining an overall trip pattern, temporal distribution of trips by trip purpose, and trip length frequency distributions, is not of sufficient sample size to use for the development of a travel demand model. Also, it must be noted that only vehicle trips were reported; transit, which could account for up to 50% of all travel in Juarez is absent from the 1993 survey statistics.

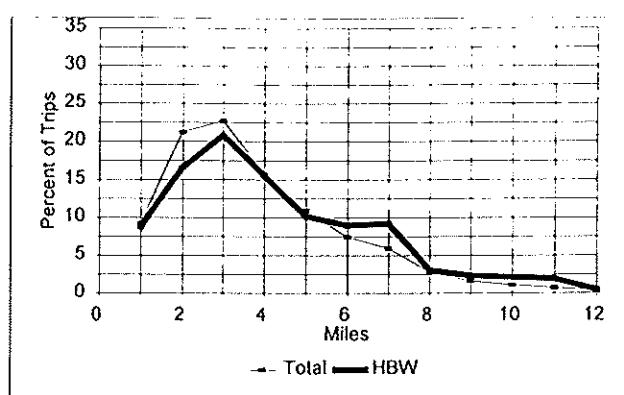


Figure 4.5

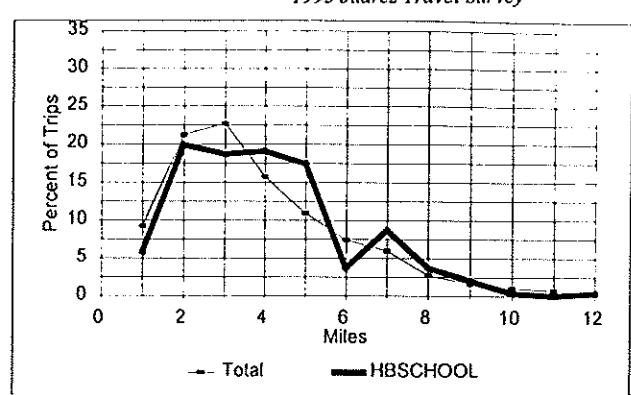


Figure 4.6

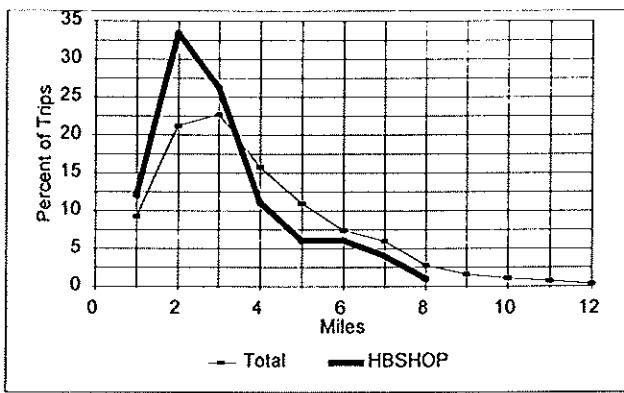


Figure 4.7

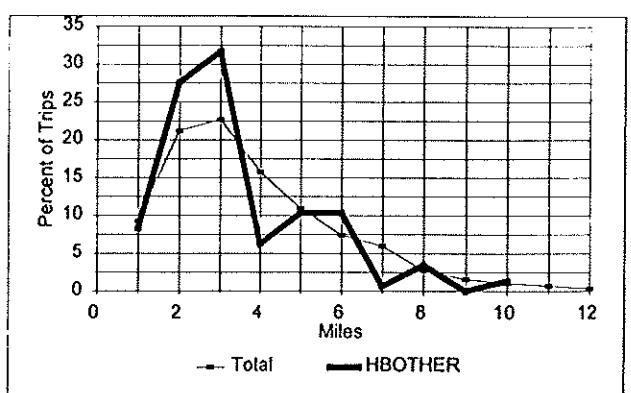


Figure 4.8

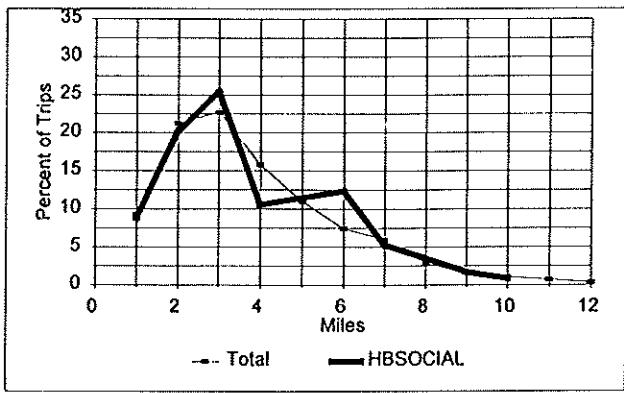


Figure 4.9

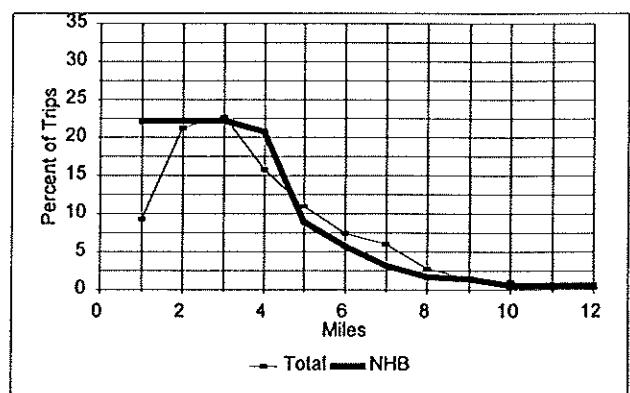


Figure 4.10



**Appendix 1**  
**District-to-district Trip Table**

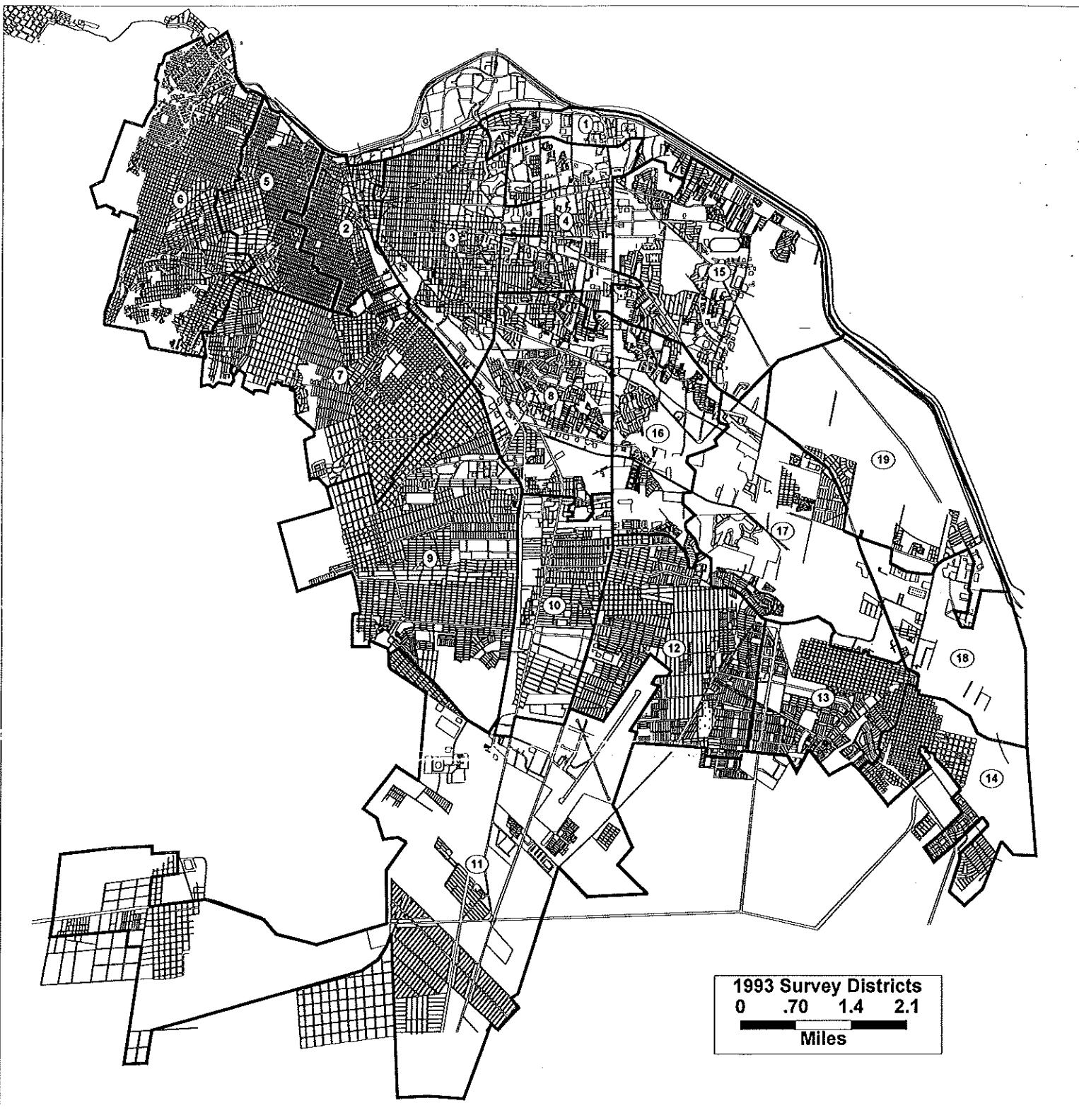
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|     | 1     | 2     | 3      | 4      | 5     | 6     | 7     | 8      | 9     | 10    | 11   | Sum     |
|-----|-------|-------|--------|--------|-------|-------|-------|--------|-------|-------|------|---------|
| 1   | 0.00  | 2.00  | 4.00   | 3.00   | 1.00  | 0.00  | 0.00  | 2.00   | 12.00 | 2.00  | 0.00 | 20.00   |
| 2   | 1.00  | 15.00 | 20.00  | 4.00   | 4.00  | 5.00  | 2.00  | 0.00   | 0.00  | 1.00  | 1.00 | 78.00   |
| 3   | 7.00  | 15.00 | 91.00  | 38.00  | 9.00  | 1.00  | 3.00  | 38.00  | 9.00  | 5.00  | 1.00 | 269.00  |
| 4   | 6.00  | 6.00  | 42.00  | 23.00  | 3.00  | 4.00  | 2.00  | 41.00  | 2.00  | 3.00  | 3.00 | 200.00  |
| 5   | 1.00  | 7.00  | 7.00   | 4.00   | 2.00  | 4.00  | 3.00  | 6.00   | 1.00  | 0.00  | 0.00 | 45.00   |
| 6   | 0.00  | 1.00  | 2.00   | 4.00   | 6.00  | 1.00  | 0.00  | 3.00   | 0.00  | 2.00  | 1.00 | 25.00   |
| 7   | 0.00  | 4.00  | 3.00   | 5.00   | 2.00  | 0.00  | 5.00  | 2.00   | 1.00  | 0.00  | 0.00 | 30.00   |
| 8   | 4.00  | 12.00 | 42.00  | 33.00  | 6.00  | 3.00  | 2.00  | 77.00  | 10.00 | 8.00  | 0.00 | 275.00  |
| 9   | 1.00  | 2.00  | 7.00   | 2.00   | 0.00  | 0.00  | 1.00  | 12.00  | 2.00  | 4.00  | 0.00 | 35.00   |
| 10  | 0.00  | 0.00  | 3.00   | 4.00   | 0.00  | 2.00  | 0.00  | 9.00   | 4.00  | 7.00  | 0.00 | 36.00   |
| 11  | 0.00  | 2.00  | 0.00   | 1.00   | 1.00  | 1.00  | 0.00  | 1.00   | 0.00  | 0.00  | 0.00 | 9.00    |
| 12  | 0.00  | 2.00  | 8.00   | 14.00  | 3.00  | 0.00  | 0.00  | 13.00  | 0.00  | 4.00  | 0.00 | 94.00   |
| 13  | 0.00  | 1.00  | 1.00   | 1.00   | 0.00  | 0.00  | 1.00  | 1.00   | 0.00  | 0.00  | 0.00 | 9.00    |
| 14  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00   | 0.00  | 0.00  | 0.00 | 0.00    |
| 15  | 0.00  | 0.00  | 33.00  | 35.00  | 3.00  | 2.00  | 3.00  | 43.00  | 2.00  | 5.00  | 1.00 | 275.00  |
| 16  | 0.00  | 1.00  | 8.00   | 10.00  | 4.00  | 0.00  | 1.00  | 12.00  | 0.00  | 1.00  | 1.00 | 63.00   |
| 17  | 1.00  | 2.00  | 4.00   | 5.00   | 2.00  | 1.00  | 0.00  | 7.00   | 0.00  | 1.00  | 0.00 | 48.00   |
| 18  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00   | 0.00  | 0.00  | 0.00 | 3.00    |
| 19  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00   | 0.00  | 0.00  | 0.00 | 15.00   |
| Sum | 27.00 | 79.00 | 275.00 | 186.00 | 46.00 | 24.00 | 23.00 | 282.00 | 34.00 | 40.00 | 8.00 | 1470.00 |

A1:2

|    | 12    | 13    | 14   | 15     | 16    | 17    | 18   | 19    | Sum     |
|----|-------|-------|------|--------|-------|-------|------|-------|---------|
| 1  | 0.00  | 0.00  | 0.00 | 1.00   | 3.00  | 2.00  | 0.00 | 0.00  | 20.00   |
| 2  | 2.00  | 1.00  | 0.00 | 5.00   | 2.00  | 2.00  | 0.00 | 0.00  | 78.00   |
| 3  | 6.00  | 2.00  | 0.00 | 33.00  | 7.00  | 3.00  | 0.00 | 1.00  | 269.00  |
| 4  | 12.00 | 1.00  | 0.00 | 37.00  | 8.00  | 7.00  | 0.00 | 0.00  | 200.00  |
| 5  | 2.00  | 0.00  | 0.00 | 4.00   | 3.00  | 1.00  | 0.00 | 0.00  | 45.00   |
| 6  | 0.00  | 0.00  | 0.00 | 4.00   | 0.00  | 1.00  | 0.00 | 0.00  | 25.00   |
| 7  | 2.00  | 1.00  | 0.00 | 3.00   | 1.00  | 0.00  | 0.00 | 1.00  | 30.00   |
| 8  | 15.00 | 1.00  | 0.00 | 43.00  | 10.00 | 8.00  | 0.00 | 1.00  | 275.00  |
| 9  | 0.00  | 1.00  | 0.00 | 3.00   | 0.00  | 0.00  | 0.00 | 0.00  | 35.00   |
| 10 | 3.00  | 0.00  | 0.00 | 2.00   | 1.00  | 1.00  | 0.00 | 0.00  | 36.00   |
| 11 | 0.00  | 0.00  | 0.00 | 2.00   | 1.00  | 0.00  | 0.00 | 0.00  | 9.00    |
| 12 | 20.00 | 3.00  | 0.00 | 9.00   | 8.00  | 4.00  | 3.00 | 3.00  | 94.00   |
| 13 | 3.00  | 0.00  | 0.00 | 0.00   | 1.00  | 0.00  | 0.00 | 0.00  | 9.00    |
| 14 | 11.00 | 0.00  | 0.00 | 46.00  | 13.00 | 10.00 | 0.00 | 1.00  | 275.00  |
| 15 | 8.00  | 0.00  | 0.00 | 11.00  | 5.00  | 1.00  | 0.00 | 0.00  | 63.00   |
| 16 | 5.00  | 0.00  | 1.00 | 10.00  | 0.00  | 1.00  | 1.00 | 7.00  | 48.00   |
| 17 | 2.00  | 0.00  | 0.00 | 0.00   | 0.00  | 1.00  | 0.00 | 0.00  | 3.00    |
| 18 | 3.00  | 0.00  | 0.00 | 2.00   | 0.00  | 8.00  | 0.00 | 0.00  | 15.00   |
| 19 | 94.00 | 10.00 | 1.00 | 215.00 | 63.00 | 51.00 | 4.00 | 14.00 | 1470.00 |



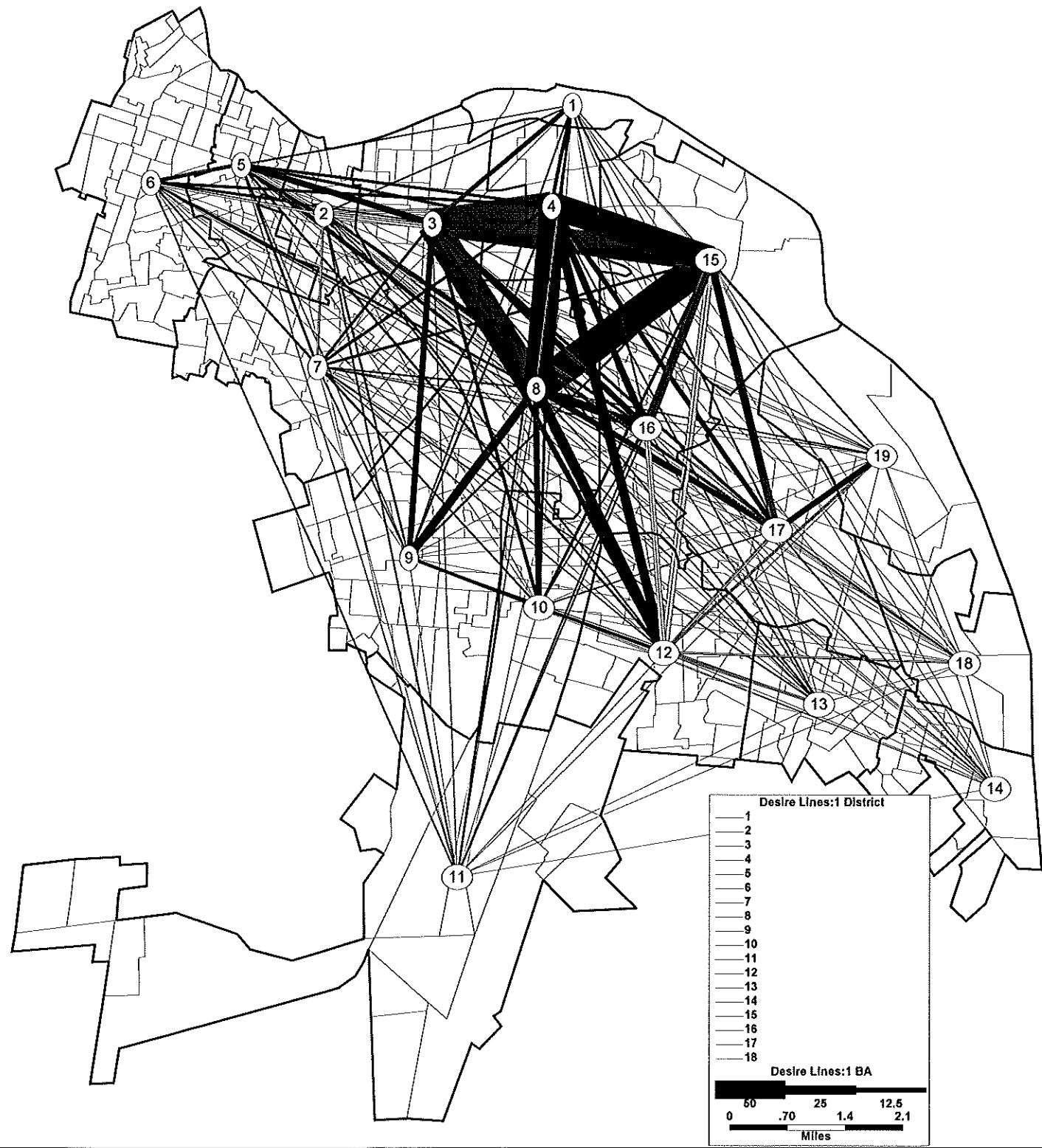
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**Appendix 2**  
**District Desire Line Charts**

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A2:2



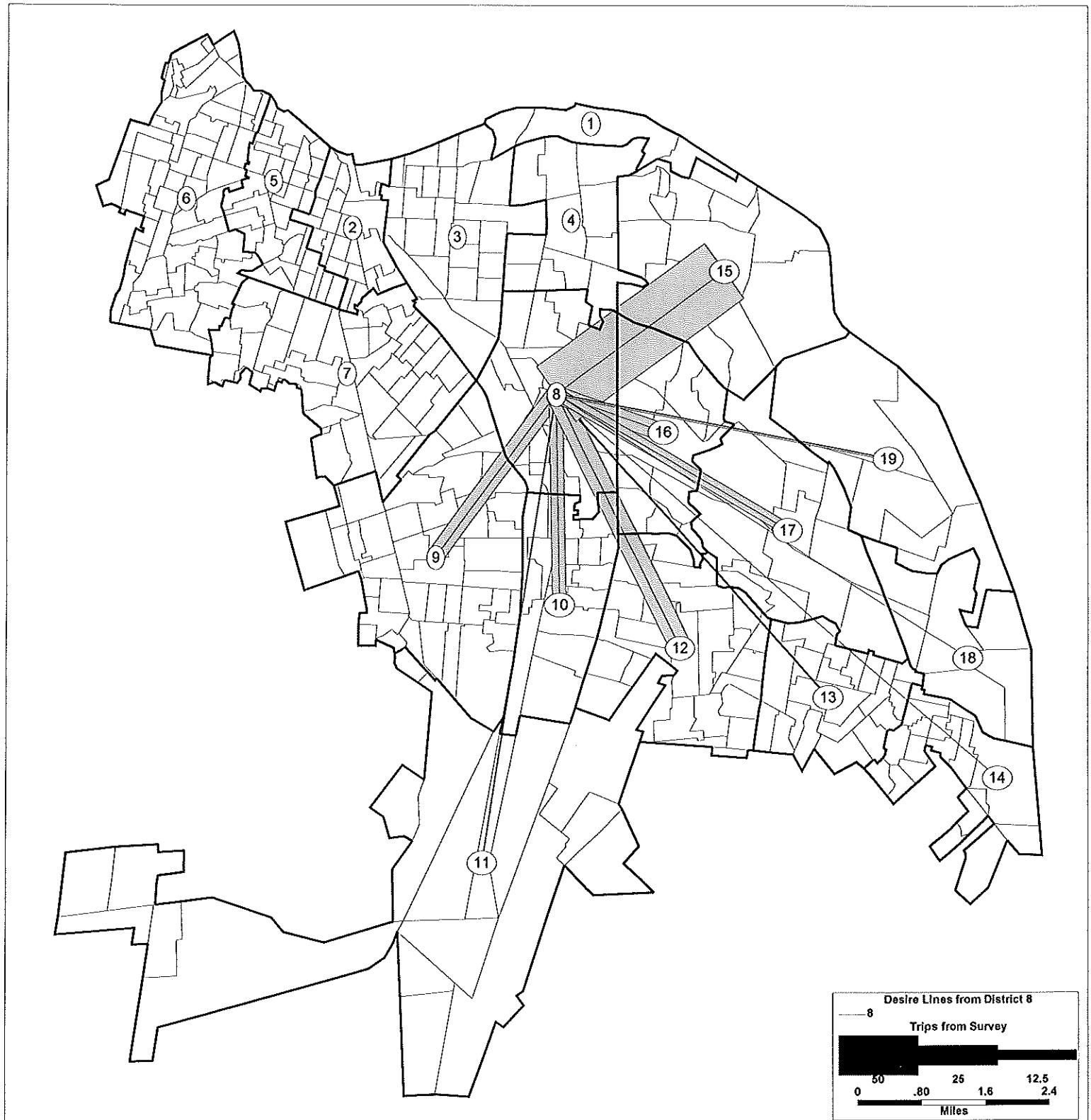
A2:3



A2:4



A2:5



A2:6



A2:7



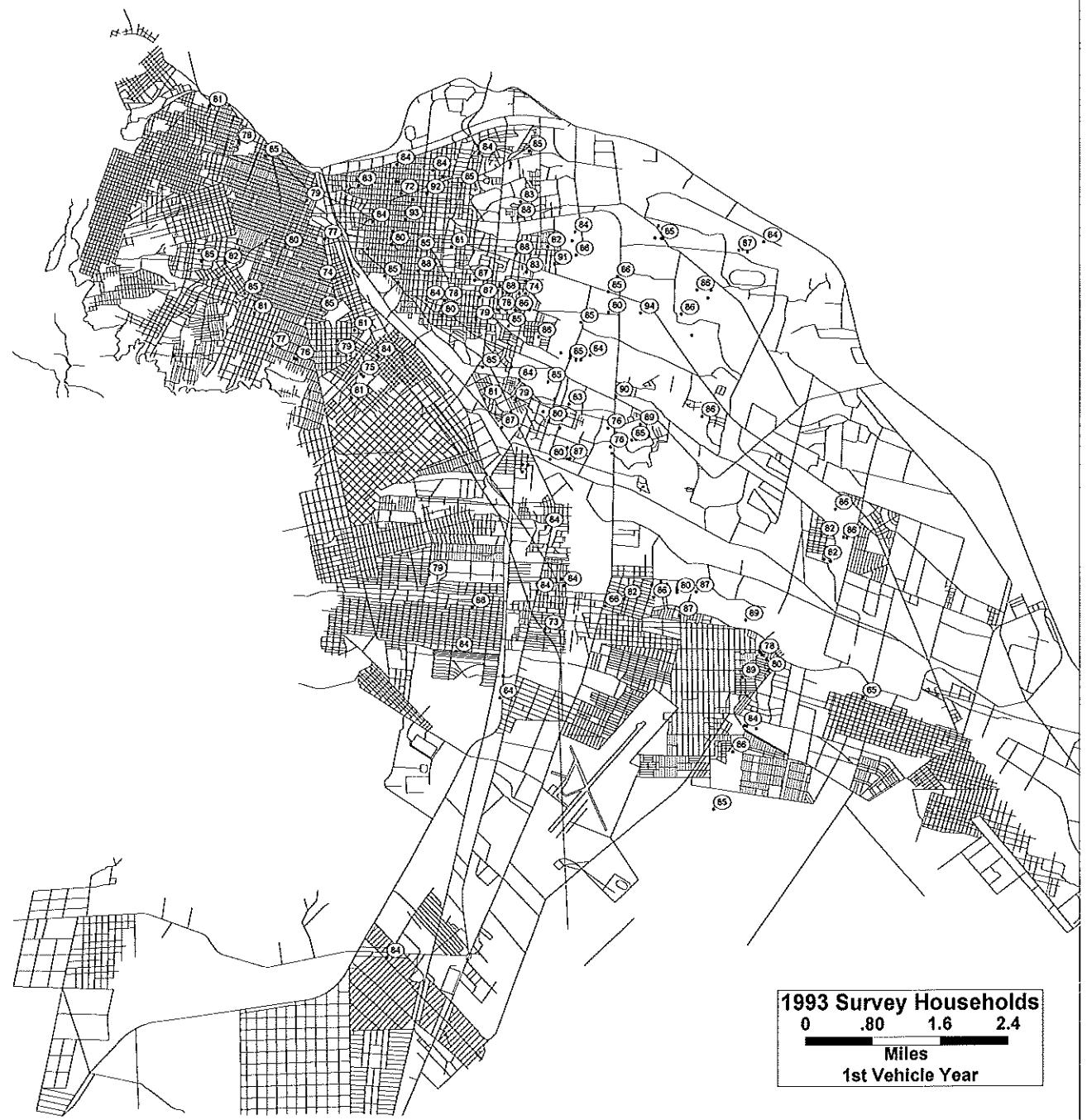




**Appendix 3**  
**1993 Survey Household Records**

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## 1993 Survey Households

| Household Number | Node Number | Travel Day | Day | Weekday? | Number of Vehicles | Sample Grid Cell |
|------------------|-------------|------------|-----|----------|--------------------|------------------|
| 1                | 16711       | 11/22      | M   | Yes      | 1                  | 10B              |
| 2                | 15426       | 10/26      | T   | Yes      | 1                  | 10B              |
| 3                | 4436        | 11/15      | M   | Yes      | 1                  | 10B              |
| 4                | 7305        | 11/14      | SU  |          | 3                  | 3B               |
| 5                | 7304        | 11/17      | W   | Yes      | 2                  | 3B               |
| 6                | 7304        | 11/13      | S   |          | 3                  | 3B               |
| 7                | 7241        | 11/15      | M   | Yes      | 1                  | 3B               |
| 8                | 9921        | 11/0/      | W   | Yes      | 1                  | 9A               |
| 9                | 9921        | 11/00      | W   | Yes      | 1                  | 9A               |
| 10               | 9917        | 12/2/      | TH  | Yes      | 1                  | 9A               |
| 11               | 9917        | 12/2/      | TH  | Yes      | 1                  | 9A               |
| 12               | 9921        | 12/5/      | SU  |          | 1                  | 9A               |
| 13               | 11878       | 12/2/      | TH  | Yes      | 1                  | 9A               |
| 14               | 8759        | 11/00      | W   | Yes      | 1                  | 9A               |
| 15               | 9921        | 12/2/      | TH  | Yes      | 1                  | 9A               |
| 16               | 9921        | 12/2/      | TH  | Yes      | 1                  | 9A               |
| 17               | 9921        | 12/2/      | TH  | Yes      | 1                  | 9A               |
| 18               | 15510       | 11/9/      | T   | Yes      | 1                  | 10B              |
| 19               | 15626       | 11/3/      | W   | Yes      | 1                  | 10B              |
| 20               | 15548       | 11/3/      | W   | Yes      | 1                  | 10B              |
| 21               | 15781       | 10\27      | W   | Yes      | 1                  | 10B              |
| 22               | 16512       | 11/10      | W   | Yes      | 1                  | 10B              |
| 23               | 18257       | 12/4/      | S   |          | 1                  |                  |
| 24               | 18257       | 12/1/      | W   | Yes      | 1                  |                  |
| 25               | 15281       | 11/16      | T   | Yes      | 1                  |                  |
| 26               | 9115        |            |     |          | 1                  | 1B               |
| 27               | 44491       |            |     |          | 1                  | 1B               |
| 28               | 4536        | 10/27      | W   | Yes      | 1                  | 1B               |
| 29               | 3770        | 11/3/      | W   | Yes      | 1                  | 1B               |
| 30               | 4502        | 10\26      | T   | Yes      | 1                  | 1B               |
| 31               | 4502        | 11/11      | TH  | Yes      | 1                  | 1B               |
| 32               | 4643        | 10/17      | SU  |          | 1                  | 1B               |
| 33               | 4643        | 10/17      | SU  |          | 1                  | 1B               |
| 34               | 3756        | 10/17      | SU  |          | 1                  | 1B               |
| 35               |             | 10/25      | M   | Yes      | 1                  | 1B               |
| 36               | 15750       | 11/17      | W   | Yes      | 1                  |                  |
| 37               | 15750       | 11/17      | W   | Yes      | 2                  |                  |
| 38               | 15321       | 11/15      | M   | Yes      | 1                  |                  |
| 39               | 15603       | 11/24      | W   | Yes      | 1                  |                  |
| 40               | 15459       | 11/24      | W   | Yes      | 1                  |                  |
| 41               | 15639       | 11/24      | W   | Yes      | 1                  |                  |
| 42               | 15757       | 11/24      | W   | Yes      | 1                  |                  |
| 43               | 15714       |            |     |          | 1                  |                  |
| 44               | 15626       |            |     |          | 1                  |                  |
| 45               | 15806       |            |     |          | 1                  |                  |
| 46               | 18416       | 11/17      | W   | Yes      | 1                  |                  |
| 47               | 15553       |            |     |          | 1                  |                  |

## 1993 Survey Households

| Household Number | Node Number | Travel Day | Day | Weekday? | Number of Vehicles | Sample Grid Cell |
|------------------|-------------|------------|-----|----------|--------------------|------------------|
| 48               | 15553       |            |     |          | 1                  |                  |
| 49               | 18324       | 11/16      | T   | Yes      | 3                  |                  |
| 50               | 18153       | 11/24      | W   | Yes      | 2                  |                  |
| 51               | 18153       | 11/20      | S   |          | 2                  |                  |
| 52               | 18111       | 11/17      | W   | Yes      | 1                  |                  |
| 53               | 18153       | 11/15      | M   | Yes      | 1                  |                  |
| 54               | 18153       | 11/15      | M   | Yes      | 4                  |                  |
| 55               | 16605       | 10/22      | F   | Yes      | 2                  |                  |
| 56               | 16595       | 11/29      | M   | Yes      | 3                  | 10D              |
| 57               |             | 10/21      | TH  | Yes      | 2                  |                  |
| 58               | 14271       | 11/8/      | M   | Yes      | 1                  |                  |
| 59               | 3214        | 11/9/      | T   | Yes      | 1                  |                  |
| 60               | 13243       | 11/12      | F   | Yes      | 2                  |                  |
| 61               | 18482       | 11/17      | W   | Yes      | 1                  |                  |
| 62               | 3214        | 11/12      | F   | Yes      | 1                  |                  |
| 63               | 3214        | 11/14      | SU  |          | 1                  |                  |
| 64               | 3214        | 11/14      | SU  |          | 1                  |                  |
| 65               | 3214        | 11/19      | F   | Yes      | 2                  |                  |
| 66               | 3214        | 11/19      | F   | Yes      | 2                  |                  |
| 67               | 3243        | 11/20      | S   |          | 1                  |                  |
| 68               | 3550        | 11/21      | SU  |          | 1                  |                  |
| 69               | 15472       |            |     |          | 3                  | 10A              |
| 70               | 15561       |            |     |          | 1                  | 10A              |
| 71               | 14102       | 11/15      | M   | Yes      | 1                  | 10B              |
| 72               | 16224       | 11/4/      | TH  | Yes      | 1                  | 10B              |
| 73               | 16163       | 11/10      | W   | Yes      | 1                  | 10B              |
| 74               | 16284       | 11/8/      | M   | Yes      | 1                  | 10B              |
| 75               | 15556       |            |     |          | 1                  | 10A              |
| 76               | 15561       |            |     |          | 3                  | 10A              |
| 77               | 15556       |            |     |          | 2                  | 10A              |
| 78               | 15551       |            |     |          | 1                  | 10A              |
| 79               | 15554       |            |     |          | 2                  | 10A              |
| 80               | 1282        |            |     |          | 1                  | 10A              |
| 81               | 15248       |            |     |          | 1                  | 10A              |
| 82               | 15610       |            |     |          | 1                  | 10A              |
| 83               | 15610       |            |     |          | 1                  | 10A              |
| 84               | 15610       |            |     |          | 1                  | 10A              |
| 85               | 15536       |            |     |          | 1                  | 10A              |
| 86               | 15531       |            |     |          | 1                  | 10A              |
| 87               | 15459       |            |     |          | 2                  | 10A              |
| 88               | 15859       | 11/10      | W   | Yes      | 1                  | 8D               |
| 89               | 15974       | 11/10      | W   | Yes      | 1                  | 8D               |
| 90               | 15865       | 11/10      | W   | Yes      | 2                  | 8D               |
| 91               | 13160       | 11/14      | SU  |          | 1                  | 8D               |
| 92               |             | 11/27      | S   |          | 1                  | 8D               |
| 93               | 16053       | 11/27      | S   |          | 1                  | 8D               |
| 94               | 15787       | 11/27      | S   |          | 1                  | 8D               |

## 1993 Survey Households

| Household Number | Node Number | Travel Day | Day | Weekday? | Number of Vehicles | Sample Grid Cell |
|------------------|-------------|------------|-----|----------|--------------------|------------------|
| 95               | 13011       | 11/27      | S   |          | 1                  | 8D               |
| 96               | 15961       | 10/14      | TH  | Yes      | 1                  | 8D               |
| 97               | 13237       | 10/14      | TH  | Yes      | 1                  | 8D               |
| 98               | 15801       | 10/14      | TH  | Yes      | 1                  | 8D               |
| 99               | 14224       | 10/16      | S   |          | 2                  | 8D               |
| 100              | 13213       | 10/16      | S   |          | 3                  | 8D               |
| 101              | 16476       | 10/16      | S   |          | 3                  | 8D               |
| 102              | 14202       | 10/16      | S   |          | 2                  | 8D               |
| 103              | 13153       | 10/20      | W   | Yes      | 3                  | 8D               |
| 104              | 11595       | 10/20      | W   | Yes      | 1                  | 8D               |
| 105              | 16420       | 10/20      | W   | Yes      | 3                  | 8D               |
| 106              | 15607       | 10/20      | W   | Yes      | 3                  | 8D               |
| 107              | 16407       | 10/21      | TH  | Yes      | 2                  | 8D               |
| 108              | 16035       | 10/21      | TH  | Yes      | 2                  | 8D               |
| 109              | 13053       | 10/21      | TH  | Yes      | 2                  | 8D               |
| 110              | 14177       | 10/21      | TH  | Yes      | 2                  | 8D               |
| 111              | 13223       | 10/23      | S   |          | 1                  | 8D               |
| 112              | 15848       | 10/23      | S   |          | 3                  | 8D               |
| 113              | 15234       | 10/29      | F   | Yes      | 2                  | 10A              |
| 114              | 15523       | 10/29      | F   | Yes      | 2                  | 10A              |
| 115              | 15195       | 10/29      | F   | Yes      | 1                  | 10A              |
| 116              | 15195       | 10/29      | F   | Yes      | 1                  | 10A              |
| 117              | 15610       | 10/29      | F   | Yes      | 3                  | 10A              |
| 118              | 15235       | 10/30      | S   |          | 4                  | 10A              |
| 119              | 12174       | 10/30      | S   |          | 2                  | 10A              |
| 120              | 15298       | 10/30      | S   |          | 1                  | 10A              |
| 121              | 15562       | 11/1/      | M   | Yes      | 2                  | 10A              |
| 122              | 15603       | 11/1/      | M   | Yes      | 2                  | 10A              |
| 123              | 15531       | 11/23      | T   | Yes      | 1                  | 5D               |
| 124              | 15217       | 11/23      | T   | Yes      | 1                  | 5D               |
| 125              | 15615       | 11/23      | T   | Yes      | 1                  | 5D               |
| 127              | 15615       | 11/23      | T   | Yes      | 1                  | 5D               |
| 128              | 15531       | 11/23      | T   | Yes      | 1                  | 5D               |
| 129              | 15531       | 11/23      | T   | Yes      | 1                  | 5D               |
| 130              | 15548       | 11/23      | T   | Yes      | 1                  | 5D               |
| 131              | 9180        | 11/16      | T   | Yes      | 1                  | 7D               |
| 132              | 14524       | 11/23      | T   | Yes      | 1                  | 10C              |
| 133              | 15545       | 11/23      | T   | Yes      | 2                  | 10C              |
| 134              | 14238       | 11/23      | T   | Yes      | 2                  | 10C              |
| 135              | 14413       | 11/23      | T   | Yes      | 1                  | 10C              |
| 136              | 16410       | 11/23      | T   | Yes      | 1                  |                  |
| 137              | 4058        | 11/23      | T   | Yes      | 1                  | 10C              |
| 138              | 16719       | 11/23      | T   | Yes      | 1                  | 10C              |
| 139              | 14021       |            |     |          | 1                  | 10 C             |
| 140              | 14442       | 11/23      | T   | Yes      | 1                  | 10C              |
| 141              | 14327       | 11/23      | T   | Yes      | 1                  | 10C              |
| 142              | 30278       | 11/23      | T   | Yes      | 1                  | 10C              |

## 1993 Survey Households

| Household Number | Node Number | Travel Day | Day | Weekday? | Number of Vehicles | Sample Grid Cell |
|------------------|-------------|------------|-----|----------|--------------------|------------------|
| 145              | 15489       | 11/23      | T   | Yes      | 1                  | 5D               |
| 146              | 12200       | 11/23      | T   | Yes      | 1                  | 5D               |
| 147              | 16133       | 11/23      | T   | Yes      | 1                  | 5D               |
| 148              | 16494       | 11/23      | T   | Yes      | 1                  | 5D               |
| 149              | 5655        | 11/18      | TH  | Yes      | 2                  | 9C               |
| 150              | 5859        | 11/9/      | T   | Yes      | 1                  | 9C               |
| 151              | 5859        | 11/9/      | T   | Yes      | 1                  | 9C               |
| 152              | 5675        | 11/10      | W   | Yes      | 1                  | 9C               |
| 153              | 5672        | 11/10      | W   | Yes      | 1                  | 9C               |
| 154              | 5859        | 11/10      | W   | Yes      | 1                  | 9C               |
| 155              | 5859        | 11/10      | W   | Yes      | 1                  | 9C               |
| 156              | 7077        | 11/11      | TH  | Yes      | 1                  | 9C               |
| 157              | 7077        | 11/11      | TH  | Yes      | 1                  | 9C               |
| 158              | 5675        | 11/11      | TH  | Yes      | 2                  | 9C               |
| 159              | 5672        | 11/15      | M   | Yes      | 1                  | 9C               |
| 160              | 5676        | 11/15      | M   | Yes      | 1                  | 9C               |
| 161              | 5671        | 11/18      | TH  | Yes      | 1                  | 9C               |
| 162              | 5161        | 11/18      | TH  | Yes      | 1                  | 9C               |
| 163              | 18313       | 11/22      | M   | Yes      | 2                  | 10D              |
| 164              | 18257       | 11/18      | TH  | Yes      | 3                  | 10D              |
| 165              |             | 11/16      | T   | Yes      | 1                  | 10D              |
| 166              | 18257       | 11/16      | T   | Yes      | 1                  | 10D              |
| 167              | 18257       | 11/15      | M   | Yes      | 3                  | 10D              |
| 168              | 16725       | 11/23      | T   | Yes      | 4                  | 1C               |
| 169              | 16710       | 11/23      | T   | Yes      | 2                  | 1C               |
| 170              | 16706       | 11/23      | T   | Yes      | 2                  | 1C               |
| 180              | 16706       | 11/23      | T   | Yes      | 2                  | 1C               |
| 181              | 16706       | 11/23      | T   | Yes      | 3                  | 1C               |
| 182              | 16711       | 11/23      | T   | Yes      | 1                  | 1C               |
| 183              | 16711       | 11/23      | T   | Yes      | 1                  | 1C               |
| 184              | 16711       | 11/23      | T   | Yes      | 2                  | 1C               |
| 185              |             | 11/23      | T   | Yes      | 2                  | 1C               |
| 186              | 18413       | 11/23      | T   | Yes      | 3                  | 1C               |
| 187              | 9979        | 10/28      | TH  | Yes      | 2                  | 4B               |
| 188              | 10003       | 11/5/      | F   | Yes      | 2                  | 4B               |
| 189              | 10000       | 11/2/      | T   | Yes      | 2                  | 4B               |
| 190              | 9981        | 11/8/      | M   | Yes      | 3                  | 4B               |
| 191              |             | 11/0/      | W   | Yes      | 1                  | 7D               |
| 192              |             | 11/17      | W   | Yes      | 1                  | 7D               |
| 193              |             | 11/18      | TH  | Yes      | 1                  | 7D               |
| 194              | 9104        | 11/16      | T   | Yes      | 1                  | 7D               |
| 195              | 15183       | 11/16      | T   | Yes      |                    | 7D               |
| 196              | 8952        | 11/17      | W   | Yes      | 1                  | 7D               |
| 197              | 8950        | 11/16      | T   | Yes      | 1                  | 7D               |
| 198              | 9092        | 11/15      | M   | Yes      | 1                  | 7D               |
| 199              |             | 11/19      | F   | Yes      | 1                  | 7D               |
| 200              | 8953        | 11/19      | F   | Yes      | 1                  | 7D               |

## 1993 Survey Households

| Household Number | Node Number | Travel Day | Day | Weekday? | Number of Vehicles | Sample Grid Cell |
|------------------|-------------|------------|-----|----------|--------------------|------------------|
| 201              | 8953        | 11/18      | TH  | Yes      | 1                  | 7d               |
| 202              | 9235        | 11/16      | T   | Yes      | 2                  | 7D               |
| 203              | 8963        | 11/17      | W   | Yes      | 1                  | 7D               |
| 204              | 14079       | 11/18      | TH  | Yes      | 1                  | 7B               |
| 205              | 14079       | 11/18      | TH  | Yes      | 1                  | 7B               |
| 206              | 14079       | 11/18      | TH  | Yes      | 2                  | 7B               |
| 207              | 14741       | 11/22      | M   | Yes      | 1                  | 7B               |
| 208              | 15485       | 11/22      | M   | Yes      | 1                  | 7B               |
| 209              | 14079       | 11/18      | TH  | Yes      | 1                  | 7B               |
| 210              | 14878       | 11/15      | M   | Yes      | 1                  | 7B               |
| 211              | 14645       | 11/4/      | TH  | Yes      | 1                  | 7B               |
| 212              | 14051       | 11/22      | M   | Yes      | 3                  | 7B               |
| 213              | 14079       | 10/21      | TH  | Yes      | 2                  | 7B               |
| 214              | 12191       | 12/11      | S   |          | 2                  | 8C               |
| 215              |             | 11/3/      | W   | Yes      | 1                  |                  |
| 216              | 3153        | 11/3/      | W   | Yes      | 1                  |                  |
| 217              | 12502       | 11/3/      | W   | Yes      | 1                  |                  |
| 218              | 11690       | 11/3/      | W   | Yes      | 1                  |                  |
| 219              | 9124        | 11/3/      | W   | Yes      | 1                  | 8C               |
| 220              | 11698       | 11/3/      | W   | Yes      | 2                  |                  |
| 221              | 12683       | 11/3/      | W   | Yes      | 1                  |                  |
| 222              | 11698       | 11/3/      | W   | Yes      | 2                  |                  |
| 223              | 8773        | 11/3/      | W   | Yes      | 1                  |                  |
| 224              | 11446       | 11/3/      | W   | Yes      | 1                  |                  |
| 225              | 8772        | 11/3/      | W   | Yes      | 2                  |                  |
| 226              |             | 11/3/      | W   | Yes      | 1                  | 6A               |
| 227              | 12191       | 11/3/      | W   | Yes      | 1                  |                  |
| 228              | 9192        | 11/3/      | W   | Yes      | 1                  |                  |
| 229              | 12482       | 11/2/      | T   | Yes      | 1                  |                  |
| 230              | 5676        | 11/23      | T   | Yes      | 1                  |                  |
| 231              | 7275        | 11/24      | W   | Yes      | 1                  | 9C               |
| 232              | 5663        | 11/24      | W   | Yes      | 1                  | 9C               |
| 233              | 5663        | 11/24      | W   | Yes      | 1                  | 9C               |
| 234              | 15554       | 10/29      | F   | Yes      | 2                  | 10C              |
| 236              | 14554       | 11/30      | T   | Yes      | 2                  | 10C              |
| 237              | 14513       | 10/29      | F   | Yes      | 1                  | 10C              |
| 238              | 14513       | 11/1/      | M   | Yes      | 2                  | 10C              |
| 239              |             | 11/1/      | M   | Yes      | 1                  | 10C              |
| 240              | 4774        | 11/0/      | W   | Yes      | 1                  |                  |
| 241              | 12845       | 10/16      | S   |          | 2                  |                  |
| 242              | 14864       | 10/19      | T   | Yes      | 1                  |                  |
| 243              | 13927       | 10/16      | S   |          | 1                  |                  |
| 244              | 15477       | 10/19      | T   | Yes      | 1                  |                  |
| 245              |             | 10/18      | M   | Yes      | 1                  |                  |
| 246              | 4188        | 11/0/      | W   | Yes      | 2                  |                  |
| 247              | 16380       | 10/11      | M   | Yes      | 1                  |                  |
| 248              | 17708       |            |     |          | 1                  |                  |

## 1993 Survey Households

| Household Number | Node Number | Travel Day | Day | Weekday? | Number of Vehicles | Sample Grid Cell |
|------------------|-------------|------------|-----|----------|--------------------|------------------|
| 249              | 15753       | 11/25      | TH  | Yes      | 2                  |                  |
| 250              | 18325       | 11/25      | TH  | Yes      | 1                  |                  |
| 251              | 12160       | 12/2/      | TH  | Yes      | 2                  |                  |
| 252              | 17848       | 12/4/      | S   |          | 1                  |                  |
| 253              | 18410       | 12/3/      | F   | Yes      | 3                  |                  |
| 254              | 15579       | 12/9/      | TH  | Yes      | 1                  |                  |
| 255              |             | 12/8/      | W   | Yes      | 1                  |                  |
| 256              | 4784        |            |     |          | 1                  | 2D               |
| 257              | 4766        |            |     |          | 1                  | 2D               |
| 258              | 4766        |            |     |          | 1                  |                  |
| 259              | 4789        |            |     |          | 1                  |                  |
| 260              | 4774        |            |     |          | 2                  |                  |
| 261              | 7980        |            |     |          | 1                  |                  |
| 262              | 7980        |            |     |          | 1                  |                  |
| 263              | 4765        |            |     |          | 1                  |                  |
| 264              | 4765        |            |     |          | 1                  |                  |
| 265              | 7980        |            |     |          | 1                  |                  |
| 266              | 4784        |            |     |          | 1                  |                  |
| 267              | 4784        |            |     |          | 1                  | 2D               |
| 268              | 7980        |            |     |          | 1                  | 2D               |
| 269              | 4783        |            |     |          | 1                  | 2D               |
| 270              | 4783        |            |     |          | 1                  | 2D               |
| 271              | 14358       | 11/3/      | W   | Yes      | 1                  | 7B               |
| 272              | 14358       | 11/3/      | W   | Yes      | 1                  |                  |
| 273              | 14358       | 11/3/      | W   | Yes      | 1                  |                  |
| 274              | 14380       | 11/6/      | S   |          | 1                  |                  |
| 275              | 14380       | 11/6/      | S   |          | 1                  |                  |
| 276              | 14300       | 11/6/      | S   |          | 1                  |                  |
| 277              | 14302       | 11/6/      | S   |          | 1                  |                  |
| 278              | 14626       | 11/6/      | S   |          | 1                  |                  |
| 279              | 14625       | 11/6/      | S   |          | 1                  |                  |
| 280              | 14625       | 11/7/      | SU  |          | 1                  |                  |
| 281              | 13588       | 11/8/      | M   | Yes      | 1                  |                  |
| 282              | 14597       | 11/8/      | M   | Yes      | 1                  |                  |
| 283              | 14379       | 11/8/      | M   | Yes      | 1                  |                  |
| 284              | 14380       | 11/9/      | T   | Yes      | 1                  | 7B               |
| 285              | 14584       | 11/15      | M   | Yes      | 1                  | 7B               |
| 286              | 14350       | 11/15      | M   | Yes      | 1                  |                  |
| 287              | 14584       | 11/15      | M   | Yes      | 1                  |                  |
| 288              | 14584       | 11/15      | M   | Yes      | 1                  |                  |
| 289              | 14584       | 11/16      | T   | Yes      | 1                  |                  |
| 290              | 14584       | 11/16      | T   | Yes      | 1                  |                  |
| 291              |             | 10/22      | F   | Yes      | 3                  | 1D               |
| 292              | 13532       |            |     |          | 1                  | 1D               |
| 293              | 13532       | 11/18      | TH  | Yes      | 1                  |                  |
| 294              | 13532       | 11/18      | TH  | Yes      | 1                  |                  |
| 295              | 13532       | 11/18      | TH  | Yes      | 2                  |                  |

## 1993 Survey Households

| Household Number | Node Number | Travel Day | Day | Weekday? | Number of Vehicles | Sample Grid Cell |
|------------------|-------------|------------|-----|----------|--------------------|------------------|
| 296              | 3532        | 11/18      | TH  | Yes      | 1                  |                  |
| 297              | 13532       | 11/18      | TH  | Yes      | 1                  |                  |
| 298              | 13532       | 11/20      | S   |          | 1                  |                  |
| 299              | 13532       | 11/18      | TH  | Yes      | 1                  |                  |
| 300              | 13551       | 11/18      | TH  | Yes      | 2                  |                  |
| 301              | 13471       | 11/24      | W   | Yes      | 2                  |                  |
| 302              | 13551       | 11/24      | W   | Yes      | 1                  |                  |
| 303              | 13471       | 11/24      | W   | Yes      | 1                  |                  |
| 304              | 13471       |            |     |          | 1                  |                  |
| 305              | 13471       | 11/24      | W   | Yes      | 3                  | 8D               |
| 306              | 13471       | 11/24      | W   | Yes      | 1                  | 1D               |
| 307              | 14825       | 12/15      | W   | Yes      | 2                  | 3C               |
| 308              | 14816       |            |     |          | 2                  |                  |
| 309              | 14817       | 11/18      | TH  | Yes      | 2                  |                  |
| 310              | 14826       | 11/15      | M   | Yes      | 1                  |                  |
| 311              | 14826       | 11/18      | TH  | Yes      | 2                  |                  |
| 312              | 5534        | 11/15      | M   | Yes      | 3                  |                  |
| 313              | 14730       | 11/15      | M   | Yes      | 1                  |                  |
| 314              | 14800       | 11/15      | M   | Yes      | 2                  |                  |
| 315              | 14819       | 11/15      | M   | Yes      | 2                  |                  |
| 316              | 14706       | 11/18      | TH  | Yes      | 2                  |                  |
| 317              | 14735       | 11/18      | TH  | Yes      | 1                  |                  |
| 318              | 14729       | 11/18      | TH  | Yes      | 2                  |                  |
| 319              | 14731       | 11/15      | M   | Yes      | 2                  |                  |
| 320              | 14838       | 11/18      | TH  | Yes      | 3                  |                  |
| 321              | 14817       | 11/15      | M   | Yes      | 1                  | 3C               |
| 322              | 4771        | 11/8/      | M   | Yes      | 4                  | 2D               |
| 323              | 3939        |            |     |          | 1                  | 2D               |
| 324              | 4788        | 11/13      | S   |          | 2                  | 2D               |
| 326              | 4788        | 11/13      | S   |          | 1                  | 2D               |
| 327              | 6786        | 11/12      | F   | Yes      | 1                  | 2D               |
| 328              | 4787        | 11/12      | F   | Yes      | 1                  | 2D               |
| 329              | 7382        | 11/8/      | M   | Yes      | 1                  | 2D               |
| 331              |             | 11/12      | F   | Yes      | 1                  | 2D               |
| 332              |             | 11/11      | TH  | Yes      | 3                  |                  |
| 335              |             | 11/8/      | M   | Yes      | 1                  |                  |
| 336              | 5853        |            |     |          | 1                  |                  |
| 337              | 4702        | 11/15      | M   | Yes      | 1                  |                  |
| 338              |             | 11/17      | W   | Yes      | 1                  |                  |
| 339              | 7490        | 11/19      | F   | Yes      | 2                  | 2B               |
| 340              | 7630        | 11/18      | TH  | Yes      | 2                  | 2B               |
| 341              | 7016        | 11/18      | TH  | Yes      | 2                  | 2B               |
| 342              | 7621        | 11/18      | TH  | Yes      | 3                  | 2B               |
| 343              | 7588        | 11/19      | F   | Yes      | 2                  | 2B               |
| 344              | 7621        | 11/19      | F   | Yes      | 2                  | 2B               |
| 345              | 7631        | 11/19      | F   | Yes      | 4                  | 2B               |
| 346              | 7623        | 11/18      | TH  | Yes      | 2                  | 2B               |

1993 Survey Households

| Household Number | Node Number | Travel Day | Day | Weekday? | Number of Vehicles | Sample Grid Cell |
|------------------|-------------|------------|-----|----------|--------------------|------------------|
| 347              | 7641        | 11/18      | TH  | Yes      | 3                  | 2B               |
| 348              |             | 11/17      | W   | Yes      | 2                  | 2B               |
| 349              |             | 11/19      | F   | Yes      | 3                  | 2B               |
| 352              | 7303        | 11/13      | S   |          | 2                  | 3B               |
| 353              | 7290        | 11/21      | SU  |          | 4                  | 3B               |
| 354              | 3940        |            |     |          | 1                  |                  |
| 355              | 4783        |            |     |          | 1                  |                  |
| 356              | 4783        |            |     |          | 1                  |                  |
| 357              | 4783        |            |     |          | 1                  |                  |
| 358              | 4783        |            |     |          | 1                  |                  |
| 359              | 4784        | 5448       |     |          | 1                  |                  |
| 360              |             | 10/16      | S   |          | 3                  | 8D               |
| 361              |             | 11/19      | F   | Yes      | 1                  |                  |
| 362              |             | 11/16      | T   | Yes      | 1                  |                  |

**Appendix 4**  
**1993 Survey Vehicle Records**

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## 1993 Survey Vehicles

| Household Number | Vehicle Number | Year | Make      | Model             | Odometer |
|------------------|----------------|------|-----------|-------------------|----------|
| 1                | 1              | 84   | CHEVROLET | CELEBRITY         |          |
| 2                | 1              | 81   | TOYOTA    | P/U               |          |
| 3                | 1              | 87   | CHEVROLET | CELEBRITY         |          |
| 4                | 1              | 79   | CHEVROLET | CAPRICE           | 809304   |
| 4                | 2              | 81   | FORD      | MONARCH           | 710208   |
| 4                | 3              | 76   | FORD      | PINTO             | 813332   |
| 5                | 1              | 83   | PONTIAC   | FIERO             | 315403   |
| 5                | 2              | 79   | PONTIAC   | CAMARO            | 526813   |
| 6                | 1              | 81   | CHEVROLET | MONTE CARLO       | 323415   |
| 6                | 2              | 87   | CHEVROLET | CELEBRITY         | 112653   |
| 6                | 3              | 85   | FORD      | GRAND MARQUIS     | 222770   |
| 7                | 1              | 89   | FORD      | TEMPO             | 87520    |
| 8                | 1              | 71   | DODGE     | VAN               |          |
| 9                | 1              | 82   | FORD      | VAN               |          |
| 10               | 1              | 78   | PONTIAC   |                   |          |
| 11               | 1              | 78   | FORD      | LTD               | 41726    |
| 12               | 1              | 72   | CHEVROLET | VAN               | 64541    |
| 13               | 1              | 81   | FORD      | LTD               | 82561    |
| 14               | 1              | 77   | DATSON    |                   | 70368    |
| 15               | 1              | 82   | SUBARU    |                   | 97957.1  |
| 16               | 1              | 84   | MAZDA     | PICKUP            | 132000   |
| 17               | 1              | 82   | CHEVROLET | S-15              | 62051.2  |
| 18               | 1              | 87   | VW        | CORSAIR           |          |
| 19               | 1              | 86   | PONTIAC   | 6000              |          |
| 20               | 1              | 85   | VW        | JETTA             |          |
| 21               | 1              | 81   | TOYOTA    | COROLLA           |          |
| 22               | 1              | 86   | CHEVROLET | CELEBRITY         |          |
| 23               | 1              | 90   | FORD      | TOPAZ             |          |
| 24               | 1              | 84   | FORD      | CROWN VICTORIA    | 74500    |
| 25               | 1              | 88   | FORD      | RANGER            |          |
| 26               | 1              | 84   | CHRYSLER  | LASER             |          |
| 27               | 1              | 82   | PONTIAC   | BONNEVILLE        |          |
| 28               | 1              | 83   | GMC       | PICKUP            | 54270    |
| 29               | 1              | 86   | CHRYSLER  | CARAVAN           |          |
| 30               | 1              | 81   | CHEVROLET | MALIBU            | 92340    |
| 31               | 1              | 86   | CHEVROLET | CELEBRITY         | 75243    |
| 32               | 1              | 84   | FORD      | MUSTANG           | 89713    |
| 33               | 1              | 68   | CHEVROLET | CAMARO            |          |
| 34               | 1              | 84   | CHEVROLET | CAVALIER          |          |
| 35               | 1              | 85   | FORD      | TOPAZ             |          |
| 36               | 1              | 79   | CHEVROLET | CHEVETTE          |          |
| 37               | 1              | 84   | NISSAN    | SENTRA            |          |
| 37               | 2              | 84   | NISSAN    | SENTRA            |          |
| 38               | 1              | 85   | NISSAN    | SENTRA (VAGONETA) |          |
| 39               | 1              | 85   | FORD      | CROWN VICTORIA    | 16230    |
| 40               | 1              | 84   | FORD      | MUSTANG           |          |
| 41               | 1              | 74   | FORD      | LTD               |          |

## 1993 Survey Vehicles

| Household Number | Vehicle Number | Year | Make       | Model          | Odometer |
|------------------|----------------|------|------------|----------------|----------|
| 42               | 1              | 78   | DATSON     | B210           | 6758     |
| 43               | 1              | 88   | FORD       | ESCORT         | 1934     |
| 44               | 1              | 93   | HONDA      | PRELUDE        |          |
| 45               | 1              | 87   | MERCURY    | GRAND MARQUIS  |          |
| 46               | 1              | 86   | FORD       | GRAND MARQUIS  |          |
| 47               | 1              | 69   | VALIANT    | DODGE          |          |
| 48               | 1              | 80   | CHEVY      | MONTE CARLOS   |          |
| 49               | 1              | 86   | VOLKSWAGEN | JETTA          | 60009    |
| 49               | 2              | 92   | CHRYSLER   | NEW YORKER     | 5095     |
| 49               | 3              | 89   | FORD       | F250           | 50000    |
| 50               | 1              | 82   | FORD       |                | 45948    |
| 50               | 2              | 83   | NISSAN     |                | 59012    |
| 51               | 1              | 81   | VOLKSWAGEN | JETTA          |          |
| 51               | 2              | 82   | PLYMOUTH   | RELIANT        |          |
| 52               | 1              | 86   | FORD       | BRONCO         | 90804    |
| 53               | 1              | 86   | MERCURY    | SABLE          | 70000    |
| 54               | 1              | 89   | CHRYSLER   | SHADOW         |          |
| 54               | 2              | 86   | MERCURY    | SABLE          |          |
| 54               | 3              | 86   | CHRYSLER   | GUAYIN         |          |
| 54               | 4              | 93   | FORD       | F150           |          |
| 55               | 1              | 86   | MERCURY    | SABLE          | 80000    |
| 55               | 2              | 86   | MERCURY    | SABLE          | 75000    |
| 56               | 1              | 94   | FORD       | ESCORT         | 140574   |
| 57               | 1              | 83   | CHEVROLET  | MALIBU         | 130652   |
| 57               | 2              | 86   | NISSAN     | CENTRO         | 65300    |
| 58               | 1              | 80   | VOLKSWAGON | RABBIT         | 160000   |
| 59               | 1              | 83   | FORD       | ESCORT         | 115875   |
| 60               | 1              | 78   | TOYOTA     | CORROLA        | 150875   |
| 60               | 2              | 85   | FORD       | THUNDERBIRD    | 87842    |
| 61               | 1              | 84   | PONTIAC    | SUNBIRD        |          |
| 62               | 1              | 84   | OLDSMOBILE | CUTLAS         | 82335    |
| 63               | 1              | 78   | FORD       | MUSTANG        | 148335   |
| 64               | 1              | 85   | VOLKSWAGEN | GOLF           | 77306    |
| 65               | 1              | 84   | FORD       | TAURUS         | 98767    |
| 65               | 2              | 82   | DODGE      | SHADOW         | 134802   |
| 66               | 1              | 86   | TOYOTA     | NISSAN         | 55315    |
| 66               | 2              | 80   | MERCURY    | TOPAZ          | 157400   |
| 67               | 1              | 84   | FORD       | ECONOLINE      | 91003    |
| 68               | 1              | 88   | PLYMOUTH   | SUNDANCE       | 48500    |
| 69               | 1              | 79   | FORD       | FAIRMONT S/W   | 172310   |
| 69               | 2              | 85   | FORD       | CROWN VICTORIA | 67550    |
| 69               | 3              | 84   | FORD       | LTD II         | 86978    |
| 70               | 1              | 78   | FORD       | FAIRMONT       | 134392   |
| 71               | 1              | 85   | CHEVROLET  | CAVALIER       |          |
| 72               | 1              | 84   | OLDSMOBILE | CUTLASS        |          |
| 73               | 1              | 83   | FORD       | COUGAR         |          |
| 74               | 1              | 85   | PONTIAC    | 6000           |          |

## 1993 Survey Vehicles

| Household Number | Vehicle Number | Year | Make       | Model           | Odometer |
|------------------|----------------|------|------------|-----------------|----------|
| 75               | 1              | 82   | OLDSMOBILE | DELTA 88        | 141893   |
| 76               | 1              | 81   | VOLKSWAGEN | RABBIT          | 113897   |
| 76               | 2              | 84   | FORD       | F150            | 123567   |
| 76               | 3              | 84   | FORD       | MUSTANG         | 85776    |
| 77               | 1              | 85   | FORD       | THUNDERBIRD     | 88433    |
| 77               | 2              | 84   | OLDSMOBILE | CUTLASS SUPREME | 70540    |
| 78               | 1              | 86   | FORD       | F250            | 126550   |
| 79               | 1              | 85   | CHEVROLET  | CELEBRITY       | 95844    |
| 79               | 2              | 86   | MERCURY    | GRAND MARQUIS   | 71540    |
| 80               | 1              | 84   | FORD       | CROWN VICTORIA  | 80505    |
| 81               | 1              | 78   | CHEVROLET  | CAPRICE         | 135788   |
| 82               | 1              | 85   | DODGE      | CARAVAN         | 150760   |
| 83               | 1              | 89   | GMC        | PICKUP 2500     | 67805    |
| 84               | 1              | 86   | CHRYSLER   | LEBARON         | 71580    |
| 85               | 1              | 88   | FORD       | TEMPO GL        | 65780    |
| 86               | 1              | 87   | PLYMOUTH   | SUNDANCE        | 47557    |
| 87               | 1              | 89   | FORD       | TAURUS S/W      | 44255    |
| 87               | 2              | 91   | MERCURY    | COUGAR          | 55700    |
| 88               | 1              | 72   | FORD       | MAVERICK        |          |
| 89               | 1              | 84   | VOLKSWAGON | RABBIT          | 95000    |
| 90               | 1              | 92   | FORD       | COUGAR          | 35000    |
| 90               | 2              | 89   | VOLKSWAGON | JETTA           | 45000    |
| 91               | 1              | 83   | OLDSMOBILE | CUTLASS         | 50000    |
| 92               | 1              | 93   | CHRYSLER   | RAM CHARGER     | 23000    |
| 93               | 1              | 85   | CHEVROLET  | ASTRO VAN       | 75000    |
| 94               | 1              | 93   |            |                 |          |
| 95               | 1              | 84   | NISSAN     | TSURU           |          |
| 96               | 1              | 82   | Celebrity  |                 |          |
| 97               | 1              | 84   | CHRYSLER   | NEW YORKER      |          |
| 98               | 1              | 93   | CHEVROLET  | CHEYENNE        |          |
| 99               | 1              | 86   | VOLKSWAGEN | GOLF            |          |
| 99               | 2              | 88   | VOLKSWAGEN | JETTA           |          |
| 100              | 1              | 79   | FORD       | COMIONETE       |          |
| 100              | 2              | 87   | CHRYSLER   | VALARO          |          |
| 100              | 3              | 70   | FORD       | PICKUP          |          |
| 101              | 1              | 82   | FORD       | BRONCO          |          |
| 101              | 2              | 83   | FORD       | F150 PICKUP     |          |
| 101              | 3              | 83   | BUICK      | CENTURI         |          |
| 102              | 1              | 85   | NISSAN     | BASONETU        | 29000    |
| 102              | 2              | 87   | CHEVROLET  | ASTRO           | 20000    |
| 103              | 1              | 78   | FORD       | CROWN VICTORIA  |          |
| 103              | 2              | 81   | VOLKSWAGEN | RABBIT          |          |
| 103              | 3              | 85   | VOLKSWAGEN | JETTA           |          |
| 104              | 1              | 80   | FORD       | MARQUIS         |          |
| 105              | 1              | 91   | VOLKSWAGEN | GOLF            |          |
| 105              | 2              | 80   | FORD       | COMIONETE       |          |
| 105              | 3              | 87   | VOLKSWAGEN | BOCHO           |          |

## 1993 Survey Vehicles

| Household Number | Vehicle Number | Year | Make           | Model          | Odometer |
|------------------|----------------|------|----------------|----------------|----------|
| 106              | 1              | 85   | FORD           | GRAND MARQUIS  |          |
| 106              | 2              | 86   | FORD           | RANGER         |          |
| 106              | 3              | 83   | GENERAL MOTORS | CENTURY        |          |
| 107              | 1              | 85   | FORD           | SEDAN          |          |
| 107              | 2              | 86   | FORD           | CROWN VICTORIA |          |
| 108              | 1              | 91   | CHRYSLER       | SHADOW         | 2000     |
| 108              | 2              | 88   | NISSAN         | ICHIVAN        | 8000     |
| 109              | 1              | 90   | CHRYSLER       | NEW YORKER     | 5000     |
| 109              | 2              |      | FORD           | VAN            | 36000    |
| 110              | 1              | 84   | FORD           | GRAND MARQUIS  | 20000    |
| 110              | 2              | 78   | FORD           | GRANADO        | 10000    |
| 111              | 1              | 80   | FORD           | FERMONT        |          |
| 112              | 1              | 79   | FORD           | CONTINENTAL    | 99000    |
| 112              | 2              | 83   | FORD           | TOPAZ          | 60000    |
| 112              | 3              | 56   | FORD           | BOMBITA        | 100000   |
| 113              | 1              | 87   | VOLKSWAGEN     | JETTA          | 12810    |
| 113              | 2              | 89   | NISSAN         | SENTRA         | 54300    |
| 114              | 1              | 87   | CHEVROLET      | SPECTRUM       | 23000    |
| 114              | 2              | 85   | CHEVROLET      | CELEBRITY      | 90000    |
| 115              | 1              | 87   | FORD           | TEMPO          | 59000    |
| 116              | 1              | 84   | CHRYSLER       | DART           | 67000    |
| 117              | 1              | 82   | VOLKSWAGEN     | SEDAN          | 74028    |
| 117              | 2              | 83   | FORD           | GRAND MARQUIS  | 28487    |
| 117              | 3              | 82   | FORD           | ESCORT         | 96880    |
| 118              | 1              | 79   | FORD           | VAN            | 95430    |
| 118              | 2              | 84   | FORD           | VAN            | 50720    |
| 118              | 3              | 89   | NISSAN         | SENTRA         | 10126    |
| 118              | 4              | 79   | DATSON         | SEDAN          | 115751   |
| 119              | 1              | 87   | FORD           | AEROSTAR       | 49513    |
| 119              | 2              | 80   | FORD           | FAIRMONT       | 78526    |
| 120              | 1              | 84   | OLDSMOBILE     | CUTLASS CIERA  | 63527    |
| 121              | 1              | 86   | FORD           | PICKUP         | 96120    |
| 121              | 2              | 87   | NISSAN         | SENTRA         | 51132    |
| 122              | 1              | 85   | FORD           | F250 PICKUP    | 63221    |
| 122              | 2              | 87   | VOLKSWAGEN     | GOLF           | 53331    |
| 123              | 1              | 92   | BMW            | 325IS          | 17000    |
| 123              | 2              | 92   | FORD           | GRAND MARQUIS  | 16000    |
| 124              | 1              | 88   | MAZDA          | TROCA          | 78000    |
| 125              | 1              | 88   | PONTIAC        | GRAND AM       | 60000    |
| 127              | 1              | 90   | FORD           | COUGAR         | 94000    |
| 128              | 1              | 85   | FORD           | TEMPO          | 80000    |
| 129              | 1              | 77   | TOYOTA         | CELICA         | 65000    |
| 130              | 1              | 85   | VOLKSWAGEN     | JETTA          | 75000    |
| 131              | 1              | 84   | CHEVROLET      | CUSTOM         | 193875   |
| 132              | 1              | 85   | FORD           | LTD            | 47723    |
| 133              | 1              | 86   | CHEVROLET      | ASTRO VAN      | 95584    |
| 133              | 2              | 84   | DATSON         | NISSAN SENTRA  | 118824   |

## 1993 Survey Vehicles

| Household Number | Vehicle Number | Year | Make       | Model         | Odometer |
|------------------|----------------|------|------------|---------------|----------|
| 134              | 1              | 81   | FORD       | GRANADA       | 98315    |
| 135              | 1              | 76   | FORD       | LTD           | 110598   |
| 136              | 1              | 84   | CHEVROLET  | CUTLAS SIERRA | 98775    |
| 137              | 1              | 73   | FORD       | RANGER        | 140000   |
| 138              | 1              | 88   | FORD       | THUNDERBIRD   | 97453    |
| 139              | 1              | 79   | FORD       | BUICK         | 89753    |
| 140              | 1              | 76   | CHEVROLET  | ROYAL SIERRA  | 74862    |
| 141              | 1              | 77   | FORD       | VANDURA       | 77354    |
| 142              | 1              | 82   | FORD       | FAIRMONT      | 87524    |
| 145              | 1              | 78   | FORD       | MERCURY       | 163000   |
| 146              | 1              | 80   | FORD       | CROWN VIC     | 78000    |
| 147              | 1              | 88   | CHEVY      | CHEYENNE      | 49000    |
| 148              | 1              | 87   | PONTIAC    | AMERICAN      |          |
| 149              | 1              | 84   | BUICK      | REGAL         | 393255   |
| 149              | 2              | 82   | PLYMOUTH   | RELIANT       | 537433   |
| 150              | 1              | 82   | CHEVROLET  | CELEBRITY     | 368208   |
| 151              | 1              | 80   | VW         | RABBIT        | 148602   |
| 152              | 1              | 82   | CHEVROLET  | CAVALIER      | 146563   |
| 153              | 1              | 79   | FORD       | FUTURA        | 979901   |
| 154              | 1              | 83   | VW         | JETTA         | 11321    |
| 155              | 1              | 83   | OLDSMOBILE | CUTLAS        | 116321   |
| 156              | 1              | 84   | FORD       | TEMPO         | 105832   |
| 157              | 1              | 80   | TOYOTA     | COROLLA       | 395174   |
| 158              | 1              | 88   | PONTIAC    | GRAND AM      | 98120    |
| 158              | 2              | 86   | CHEVROLET  | CELEBRITY     | 153415   |
| 159              | 1              | 84   | DATSON     | 200SX         | 166982   |
| 160              | 1              | 80   | FORD       | P/U           | 503616   |
| 161              | 1              | 87   | OLDSMOBILE | CUTLASS       | 175431   |
| 162              | 1              | 85   | VW         | GOLF          | 154321   |
| 163              | 1              | 86   | CHRYSLER   | DART          | 85080    |
| 163              | 2              | 91   | NISSAN     | TSURO         | 48730    |
| 164              | 1              | 89   | LINCOLN    | TOWN CAR      | 49216    |
| 164              | 2              | 87   | FORD       | GRAND MARQUIS | 16248    |
| 164              | 3              | 89   |            | MARK VII      | 23578    |
| 165              | 1              | 90   | LINCOLN    | TOWN CAR      | 38124    |
| 166              | 1              | 84   |            | RELIANT       | 171092   |
| 167              | 1              | 72   | DODGE      | DART          | 23000    |
| 167              | 2              | 87   | FORD       | TAURUS        | 76500    |
| 167              | 3              | 87   | NISSAN     | P/U           |          |
| 168              | 1              | 88   | CHRYSLER   | NEW YORKER    | 86000    |
| 168              | 2              | 81   | DATSON     | 280ZX         |          |
| 168              | 3              | 85   | CHEVROLET  | CELEBRITY     | 75000    |
| 168              | 4              | 83   | OLDSMOBILE | CUTTLAS       | 115000   |
| 169              | 1              | 85   | DATSON     | MAXIMA        | 116000   |
| 169              | 2              | 82   | CHEVROLET  | CHEVETTE      |          |
| 170              | 1              | 86   | FORD       | TEMPO         | 96000    |
| 170              | 2              | 84   | TOYOTA     | CELICA        | 117000   |

## 1993 Survey Vehicles

| Household Number | Vehicle Number | Year | Make       | Model              | Odometer |
|------------------|----------------|------|------------|--------------------|----------|
| 180              | 1              | 88   | CHEVROLET  | CORSICA            | 73000    |
| 180              | 2              | 82   | CHRYSLER   | ARIES K            |          |
| 181              | 1              | 89   | FORD       | TROCA              | 63000    |
| 181              | 2              | 85   | FORD       | COUCAR             | 86000    |
| 181              | 3              | 83   | DATSON     | 200 SX             |          |
| 182              | 1              | 84   | CHEVROLET  | CUTTLAS            | 116000   |
| 183              | 1              | 88   | NISSAN     | 240 SX             | 43000    |
| 184              | 1              | 81   | CHEVROLET  | MONTE CARLO        |          |
| 184              | 2              | 84   | NISSAN     | SENTRA             | 93000    |
| 185              | 1              | 89   | FORD       | TEMPO              | 44000    |
| 185              | 2              | 83   | FORD       | MUSTANG            | 107000   |
| 186              | 1              | 79   | DATSON     | B210               |          |
| 186              | 2              | 84   | FORD       | THUNDERBIRD        | 116000   |
| 186              | 3              | 84   | DATSON     | TROCA              | 110000   |
| 187              | 1              | 74   | CHEVROLET  | P/U                | 11047    |
| 187              | 2              | 82   | FORD       | THUNDERBIRD        |          |
| 188              | 1              | 82   | CHEVROLET  | CUTLAS SUPREME     | 92019    |
| 188              | 2              | 75   | FORD       | PINTO              | 29979    |
| 189              | 1              | 82   | OLDSMOBILE | CURLASS SUPREME    | 62030    |
| 189              | 2              | 85   | FORD       | COUGAR             | 105781   |
| 190              | 1              | 85   | FORD       | COUGAR             | 100000   |
| 190              | 2              | 79   | FORD       | PINTO              | 85000    |
| 190              | 3              | 82   | FORD       | COUGAR             | 100000   |
| 191              | 1              | 80   | MAZDA      | SEDAN              | 297830   |
| 192              | 1              | 82   | CHEVROLET  | CITATION           | 60935    |
| 193              | 1              | 78   | CHEVY      | SIERRA             | 30448    |
| 194              | 1              | 82   | CONCORD    | GAGLE              | 125010   |
| 195              | 1              | 84   | CHEVROLET  | CUSTOM             | 193875   |
| 196              | 1              | 86   | DODGE      | ARIES              | 95455    |
| 197              | 1              | 82   | VW         | COMBY              | 149355   |
| 198              | 1              | 75   | FORD       | TORINO             | 258851   |
| 199              | 1              | 80   | CHEVROLET  | PONTIAC            | 737833   |
| 200              | 1              | 84   | OLDSMOBILE | CUTLAS CALAIS      | 145250   |
| 201              | 1              | 80   | OLDSMOBILE | CUTLAS             | 193350   |
| 202              | 1              | 83   | BUICK      | REGAL              | 153850   |
| 202              | 2              | 80   | FORD       | MUSTANG            | 340583   |
| 203              | 1              | 81   | BUICK      | REGAL              | 150834   |
| 204              | 1              | 83   | CHRYSLER   | 600                | 88350    |
| 205              | 1              | 81   | BUICK      | REGAL              | 69000    |
| 206              | 1              | 81   | FORD       | LTD CROWN VICTORIA | 93800    |
| 206              | 2              | 84   | CHEVROLET  | S-10               | 77100    |
| 207              | 1              | 81   | MERCURY    | CAPRY              | 78000    |
| 208              | 1              | 86   | CHEVROLET  | CELEBRITY          | 69000    |
| 209              | 1              | 90   | VW         | GOLF               | 26500    |
| 210              | 1              | 90   | FORD       | TOPAZ              | 37800    |
| 211              | 1              | 85   | CHEVROLET  | CELEBRITY          | 67670    |
| 212              | 1              | 84   | CHEVROLET  | BLAZER             | 75000    |

## 1993 Survey Vehicles

| Household Number | Vehicle Number | Year | Make       | Model          | Odometer |
|------------------|----------------|------|------------|----------------|----------|
| 212              | 2              | 85   | PONTIAC    | GRAND AM       | 67000    |
| 212              | 3              | 87   | CHRYSLER   | SHADOW         | 58000    |
| 213              | 1              | 81   | VW         | RABBIT         |          |
| 213              | 2              | 83   | CHEVROLET  | CELEBRITY      | 77590    |
| 214              | 1              | 82   |            | CAPRICE        | 78987    |
| 214              | 2              | 85   | BMW        |                | 62005    |
| 215              | 1              | 80   | OLDSMOBILE |                | 97462    |
| 216              | 1              | 84   | PLYMOUTH   | TURISMO        | 63788    |
| 217              | 1              | 79   | FORD       | FERMOL         | 90512    |
| 218              | 1              | 74   | FORD       | P/U            | 147008   |
| 219              | 1              | 79   | FORD       | FERMOR         | 85420    |
| 220              | 1              | 79   | FORD       | FERMOR         | 92489    |
| 220              | 2              | 87   | NISSAN     | SENTRA         | 48957    |
| 221              | 1              | 85   | CHRYSLER   | OMNI           | 77285    |
| 222              | 1              | 83   | FORD       | LTD            | 82688    |
| 223              | 1              | 76   | FORD       | GRANADA        | 138258   |
| 224              | 1              | 85   | FORD       | CROWN VICTORIA | 63745    |
| 225              | 1              | 82   | CHEVROLET  |                | 79000    |
| 225              | 2              | 78   | TOYOTA     |                | 120000   |
| 226              | 1              | 80   | PULSER     |                | 93500    |
| 227              | 1              | 85   | VW         | JETA           | 57000    |
| 228              | 1              | 82   | PONTIAC    | 6000           | 87000    |
| 229              | 1              | 77   | TOYOTA     |                | 118000   |
| 230              | 1              | 78   | FORD       | GRANADA        | 959384   |
| 231              | 1              | 80   | NISSAN     | SENTRA         | 136980   |
| 232              | 1              | 80   | CHEVROLET  | CHEVETTE       | 838459   |
| 233              | 1              | 84   | FORD       | TAURUS         | 216595   |
| 234              | 1              | 90   | NISSAN     | P/U            | 103802   |
| 234              | 2              | 87   | MERCURY    | COUGAR         |          |
| 236              | 1              | 89   | DODGE      | PROSPECTOR     | 66306    |
| 236              | 2              | 89   | MERCURY    | COUGAR         | 80653    |
| 237              | 1              | 88   | NISSAN     | SENTRA         | 79160    |
| 238              | 1              | 81   | BUICK      | CENTURY        | 144279   |
| 239              | 1              | 88   | PONTIAC    | 6000           | 92266    |
| 240              | 1              | 75   | FORD       | LTD            |          |
| 241              | 1              | 78   | CHEVROLET  | P/U            | 631425   |
| 241              | 2              | 88   | CHEVROLET  | CAPRICE        |          |
| 242              | 1              | 85   | OLDSMOBILE |                | 254313   |
| 243              | 1              | 81   | DATSON     | P/U            | 142024   |
| 244              | 1              | 81   | FORD       | MUSTANG        | 681341   |
| 245              | 1              | 83   | FORD       | THUNDERBIRD    | 512103   |
| 246              | 1              | 66   | VW         | COMBI          |          |
| 246              | 2              | 75   | VW         | COMBI          |          |
| 247              | 1              | 80   | CHEVY      | P/U            | 70000    |
| 248              | 1              | 78   | FORD       | ZEPHYR         | 833067   |
| 249              | 1              | 85   | CHRYSLER   | CARAVELLE      | 173203   |
| 249              | 2              | 82   | FORD       | ESCORT         |          |

## 1993 Survey Vehicles

| Household Number | Vehicle Number | Year | Make       | Model          | Odometer |
|------------------|----------------|------|------------|----------------|----------|
| 250              | 1              | 83   | NISSAN     | PULSAR NX      |          |
| 251              | 1              | 85   | ISUZU      | TROOPER        | 165591   |
| 251              | 2              | 85   | BUICK      | SKYHAWK        | 98500    |
| 252              | 1              | 81   | CHEVROLET  | CENTURY        |          |
| 253              | 1              | 87   | VW         | JETTA          | 99000    |
| 253              | 2              | 87   | FORD       | AEROSTAR       | 45000    |
| 253              | 3              | 81   | TOYOTA     | 4WD            | 45843    |
| 254              | 1              | 84   | MERCURY    | MARQUIS        |          |
| 255              | 1              | 78   | CHEVROLET  | CAMARO         |          |
| 256              | 1              | 83   | FORD       | COUNTRY SQUIRE | 163201   |
| 257              | 1              | 78   | VW         | RABBIT         | 80008    |
| 258              | 1              | 89   | FORD       | TAURUS         | 20890    |
| 259              | 1              | 77   | FORD       | LTD            | 980070   |
| 260              | 1              | 75   | COLT       | 75             | 82120    |
| 260              | 2              | 78   | NISSAN     | WAGONETA       | 56483    |
| 261              | 1              | 86   | FORD       | TEMPO          | 125009   |
| 262              | 1              | 88   | CHRYSLER   | NEW YORKER     | 120573   |
| 263              | 1              | 75   | FORD       | PHYNIX         | 996511   |
| 264              | 1              | 84   | CHEVY      | ASTRO          | 860506   |
| 265              | 1              | 84   | CHEVROLET  | CELEBRITY      | 873720   |
| 266              | 1              | 86   | FORD       | MARQUIS        | 945350   |
| 267              | 1              | 80   | VW         | CARIABE        | 963360   |
| 268              | 1              | 82   | FORD       | ESCORT         | 162070   |
| 269              | 1              | 90   | VW         | SEDAN          | 93500    |
| 270              | 1              | 86   | NISSAN     | P/U            | 850502   |
| 271              | 1              | 80   |            | ARIES          | 96200    |
| 272              | 1              | 82   |            | JETTA          | 40000    |
| 273              | 1              | 80   | DATSON     |                | 98300    |
| 274              | 1              | 82   | PONTIAC    |                | 87000    |
| 275              | 1              | 86   | CHEVROLET  |                | 60000    |
| 276              | 1              | 87   | TOYOTA     |                | 54000    |
| 277              | 1              | 70   | GRANDOLA   |                | 230000   |
| 278              | 1              | 83   | OLDSMOBILE |                | 84000    |
| 279              | 1              | 85   | CHRYSLER   | ARIES          | 60000    |
| 280              | 1              | 88   | FORD       | TAURUS         | 32000    |
| 281              | 1              | 87   | NISSAN     | MAXIMA         | 50000    |
| 282              | 1              | 84   | NISSAN     | SENTRA         | 80000    |
| 283              | 1              | 78   | FORD       | LTD            | 98831    |
| 284              | 1              | 84   | FORD       | VAN            | 74211    |
| 285              | 1              | 80   | FORD       | GRANADA        | 89310    |
| 286              | 1              | 80   | NISSAN     | P/U            | 102324   |
| 287              | 1              | 78   | CHEVROLET  | P/U            | 80608    |
| 288              | 1              | 85   | PONTIAC    | GRAND AM       | 70039    |
| 289              | 1              | 84   | FORD       | RANGER         | 72023    |
| 290              | 1              | 84   | MERCURY    | GRAND MARQUIS  | 69311    |
| 291              | 1              | 85   | CHEVROLET  | BLAZER         |          |
| 291              | 2              | 80   | OLDSMOBILE | CUTLAS         |          |

## 1993 Survey Vehicles

| Household Number | Vehicle Number | Year | Make        | Model         | Odometer |
|------------------|----------------|------|-------------|---------------|----------|
| 291              | 3              | 76   | DODGE       | ASPEN         |          |
| 292              | 1              | 75   | CHEVROLET   | P/U           |          |
| 293              | 1              | 81   | FORD        | FAIRMONT      |          |
| 294              | 1              | 71   | FORD        | P/U           |          |
| 295              | 1              | 79   | CHRYSLER    | LE BARON      |          |
| 295              | 2              | 87   | FORD        | ESCORT        |          |
| 296              | 1              | 79   | CHRYSLER    | LE BARON      |          |
| 297              | 1              | 68   | FORD        | P/U           |          |
| 298              | 1              | 77   | FORD        | P/U           |          |
| 299              | 1              | 85   | OLDSMOBILE  | CELEBRITY     |          |
| 300              | 1              | 81   | SILVERADO   | P/U           |          |
| 300              | 2              | 88   | SILVERADO   | P/U           |          |
| 301              | 1              | 66   | CHEVY       | P/U           |          |
| 301              | 2              | 86   | VW          | JETTA         |          |
| 302              | 1              | 78   | DODGE       | CHALLENGER    |          |
| 303              | 1              | 89   | FORD        | MUSTANG       |          |
| 304              | 1              | 75   | CHEVY       | P/U           |          |
| 305              | 1              | 82   | VW          | JETTA         |          |
| 305              | 2              | 81   | CHEVROLET   | MALIBU        |          |
| 305              | 3              | 86   | FORD        | AEROSTAR      |          |
| 306              | 1              | 84   | OPLDSMOBILE | WAGONETA      |          |
| 307              | 1              | 81   | DODGE       | RAM CHARGER   |          |
| 307              | 2              | 80   | RENAULT     | SEDAN         |          |
| 308              | 1              | 82   | CHRYSLER    | LEBARON       | 100900   |
| 309              | 1              | 89   | CHRYSLER    | NEW YORKER    | 40000    |
| 309              | 2              | 90   | CHRYSLER    | SPIRIT        |          |
| 310              | 1              | 84   | CHEVROLET   | CELEBRITY     | 910000   |
| 311              | 1              | 83   | CHEVROLET   | SKYLARK       | 83213    |
| 311              | 2              | 78   | CHEVROLET   | CAMARO        |          |
| 312              | 1              | 86   | CHEVROLET   | CELEBRITY     |          |
| 312              | 2              | 85   | MERCURY     | G MARQUIS     |          |
| 312              | 3              | 82   | FORD        | MUSTANG       |          |
| 313              | 1              | 89   | MERCURY     | COUGAR        | 32328    |
| 314              | 1              | 84   | CHRYSLER    | 5TH AVE       | 84509    |
| 314              | 2              | 80   | FORD        | ESCORT        | 101000   |
| 315              | 1              | 90   | FORD        | F250          |          |
| 315              | 2              | 89   | FORD        | BRONCO        |          |
| 316              | 1              | 80   | NISSAN      | SEDAN         |          |
| 316              | 2              | 92   | CHEVROLET   | CAVALIER      | 18321    |
| 317              | 1              | 84   | TOYOTA      | TERCEL        |          |
| 318              | 1              | 85   | OLODSMOBILE | CUTLASS SIERA |          |
| 318              | 2              | 86   | VW          | SEDAN         |          |
| 319              | 1              | 81   | OLDSMOBILE  | OMEGA         | 130000   |
| 319              | 2              | 80   | PONTIAC     | GRAND PRIZ    |          |
| 320              | 1              | 80   | MERCURY     | GRAN MARQUIS  |          |
| 320              | 2              | 82   | FORD        | CROWN VIC     |          |
| 320              | 3              | 79   | NISSAN      | DATSON        | 340700   |

## 1993 Survey Vehicles

| Household Number | Vehicle Number | Year | Make      | Model      | Odometer |
|------------------|----------------|------|-----------|------------|----------|
| 321              | 1              | 80   | CHEVROLET | VAN        |          |
| 322              | 1              | 78   | CHRYSLER  | VOLARE     | 610976   |
| 322              | 2              | 79   | DODGE     | CHALLENGER |          |
| 322              | 3              | 82   | CHEVROLET | CAVALIER   | 395861   |
| 322              | 4              | 86   | VW        | JETTA      |          |
| 323              | 1              | 82   | PONTIAC   |            |          |
| 324              | 1              | 77   | FORD      | CUSTOM 100 | 727066   |
| 324              | 2              | 83   | CHEVROLET | CAVALIER   |          |
| 326              | 1              | 79   | MERCURY   | ZEPHYR     | 28702    |
| 327              | 1              | 65   | CHEVROLET | CLASSIC    |          |
| 328              | 1              | 80   | DODGE     | RAM        | 725450   |
| 329              | 1              | 87   | CHRYSLER  | SUNDANCE   | 104402   |
| 331              | 1              | 81   | FORD      | FERMONT    | 954711   |
| 332              | 1              | 84   | FORD      | ESCORT     |          |
| 332              | 2              | 82   | VW        | SEDAN      |          |
| 332              | 3              | 88   | CHEVROLET | SPRINT     |          |
| 335              | 1              | 78   | TOYOTA    |            |          |
| 336              | 1              | 81   | PONTIAC   | GRAND PRIX |          |
| 337              | 1              | 80   | TOYOTA    | COROLLA    |          |
| 338              | 1              | 87   | CHEVROLET | CELEBRITY  | 130400   |
| 338              | 2              | 83   | PONTIAC   | 6000       | 151300   |
| 338              | 3              | 82   | CHEVROLET | MALIBU     | 148750   |
| 339              | 1              | 82   | CHEVROLET | MALIBU     | 145455   |
| 339              | 2              | 86   | CHEVROLET | S-10       | 120450   |
| 340              | 1              | 88   | FORD      | RANGER     | 140890   |
| 340              | 2              | 90   | PONTIAC   | GRAND PRIX | 100200   |
| 341              | 1              | 82   | DODGE     | OMNI       | 196100   |
| 341              | 2              | 85   | FORD      | COUGAR     | 177600   |
| 342              | 1              | 78   | VW        | RABBIT     | 166900   |
| 342              | 2              | 88   | FORD      | CRWON VIC  | 120700   |
| 342              | 3              | 86   | FORD      | TAURUS     | 166760   |
| 343              | 1              | 89   | DODGE     | SPIRIT     | 135300   |
| 343              | 2              | 87   | DODGE     | LACER      | 148300   |
| 344              | 1              | 77   | FORD      | GRANADA    | 186900   |
| 344              | 2              | 82   | NISSAN    | SENTRA     | 170320   |
| 345              | 1              | 86   | CHEVY     | S-10       | 167000   |
| 345              | 2              | 84   | VW        | ATLANTIC   | 158200   |
| 345              | 3              | 79   | VW        | RABBIT     | 166000   |
| 345              | 4              | 74   | FORD      | MUSTANG    | 187223   |
| 346              | 1              | 83   | HONDA     | CIVIC      | 176400   |
| 346              | 2              | 80   | DODGE     | DART       | 160707   |
| 347              | 1              | 86   | NISSAN    | MAXIMA     | 145000   |
| 347              | 2              | 80   | CHEVY     | CAPRICE    | 168680   |
| 347              | 3              | 74   | FORD      | F-150      | 190700   |
| 348              | 1              | 87   | FORD      | ASTRO VAN  | 140200   |
| 348              | 2              | 84   | CHEVROLET | CELEBRITY  | 170744   |
| 349              | 1              | 87   | DODGE     | ARIES      | 146876   |

1993 Survey Vehicles

| Household Number | Vehicle Number | Year | Make       | Model         | Odometer |
|------------------|----------------|------|------------|---------------|----------|
| 349              | 2              | 86   | DODGE      | RAM           | 160976   |
| 349              | 3              | 84   | CHEVROLET  | CAVALIER      | 157661   |
| 352              | 1              | 87   | FORD       | LTD           | 110515   |
| 352              | 2              | 87   | FORD       | COUGAR        | 128910   |
| 353              | 1              | 83   | FORD       | THUNDERBIRD   | 372513   |
| 353              | 2              | 85   | CHEVROLET  | CELEBRITY     | 210908   |
| 353              | 3              | 82   | CHEVROLET  | MONTE CALO    | 391405   |
| 353              | 4              | 90   | CHEVROLET  | CAVALIER      |          |
| 354              | 1              | 86   | OLDSMOBILE | CUTLAS SIERRA |          |
| 355              | 1              | 83   | NISSAN     | TRUCK         |          |
| 356              | 1              | 86   | VW         | GOLF          |          |
| 357              | 1              |      | FORD       | THUNDERBIRD   |          |
| 358              | 1              | 80   | FORD       | LTD           |          |
| 359              | 1              | 80   | CHEVY      | NOVA          |          |
| 360              | 1              | 91   | FORD       | TEMPO         | 3500     |
| 360              | 2              | 84   | VW         | JETTA         | 18000    |
| 360              | 3              | 84   | VW         | RABBIT        | 18500    |
| 361              | 1              | 80   | CHEVROLET  | CHEVETTE      |          |
| 362              | 1              | 84   | FOPRD      | ASTRO         |          |

**Appendix 5**  
**1993 Survey Trip Records**

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| Household Number | Household Node | Trip Number | Origin Hour | Origin Minute | Arrival Hour | Arrival Minute | Departure Hour | Departure Minute | Name                     | Destination Address      | Destination Name          | Origin Node           | Destination Node          | Number  | Destination Number | Origin AGEB | Destination AGEB |        |       |
|------------------|----------------|-------------|-------------|---------------|--------------|----------------|----------------|------------------|--------------------------|--------------------------|---------------------------|-----------------------|---------------------------|---------|--------------------|-------------|------------------|--------|-------|
| 1                | 16711          | 1           | 7           | 20            | 7            | 35             | 55             | 9                | CAR CASAS GRANDES KM .5  | CAR CASAS GRANDES KM .5  | HBW                       | 16711                 | 13933                     | 1       | 1067-9             | 346-2       |                  |        |       |
| 1                | 16711          | 2           |             |               | 10           | 0              | 10             | 10               | BLVD TOMAS FIDEZ CON     | BLVD TOMAS FIDEZ CON     | HBOTHER                   | 16711                 | 15943                     | 1       | 1048-2             | 087-8       |                  |        |       |
| 1                | 16711          | 3           |             |               | 10           | 15             | 10             | 10               | BLVD TOMAS FIDEZ CON     | BLVD TOMAS FIDEZ CON     | HBOTHER                   | 16711                 | 16711                     | 1       | 1048-9             | 348-2       |                  |        |       |
| 1                | 16711          | 4           |             |               | 10           | 50             | 10             | 50               | BLVD TOMAS FIDEZ FRAC    | BLVD TOMAS FIDEZ FRAC    | HBOTHER                   | 16711                 | 15943                     | 1       | 1048-2             | 048-9       |                  |        |       |
| 1                | 16711          | 5           |             |               | 11           | 0              | 3              | 50               | CRUCERO COMERCIAL TEC    | CRUCERO COMERCIAL TEC    | NHB                       | 15001                 | 16380                     | 1       | 1204-1             | 348-2       |                  |        |       |
| 1                | 16711          | 6           |             |               | 4            | 0              | 4              | 15               | FRACCLOS PARQUES         | FRACCLOS PARQUES         | NHB                       | 16380                 | 14267                     | 1       | 131-5              | 204-1       |                  |        |       |
| 1                | 16711          | 7           |             |               | 4            | 20             | 4              | 20               | BLVD TOMAS FIDEZ CON     | BLVD TOMAS FIDEZ CON     | HBOTHER                   | 14267                 | 18361                     | 1       | 200-3              | 431-5       |                  |        |       |
| 1                | 16711          | 8           |             |               | 4            | 55             | 5              | 0                | CARR CASAS GRANDES KM .5 | CARR CASAS GRANDES KM .5 | HBW                       | 18361                 | 13616                     | 1       | 1458-9             | 200-3       |                  |        |       |
| 1                | 16711          | 9           |             |               | 5            | 15             | 5              | 50               | ANILLO ENVOLVENTE        | ANILLO ENVOLVENTE        | NHB                       | 13616                 | 16098                     | 1       | 1048-9             | 466-9       |                  |        |       |
| 1                | 16711          | 10          |             |               | 6            | 0              | 0              | 0                | CASA                     | CASA                     | HBOTHER                   | 16098                 | 16711                     | 1       | 1048-9             | 348-9       |                  |        |       |
| 2                | 15426          | 1           | 9           | 0             | 9            | 5              | 9              | 30               | FUTURAMA RIO GDE         | FUTURAMA RIO GDE         | HB SCHOOL                 | 15426                 | 16110                     | 1       | 1048-9             | 065-1       |                  |        |       |
| 2                | 15426          | 2           |             |               | 9            | 50             | 3              | 0                | ITCI                     | ITCI                     | CRUCERO COMERCIAL TEC     | NHB                   | 16110                     | 16380   | 1                  | 1204-1      | 046-9            |        |       |
| 2                | 15426          | 3           |             |               | 3            | 10             | 3              | 15               | GASOLINERA               | GASOLINERA               | NHB                       | 16380                 | 16557                     | 1       | 1458-9             | 204-1       |                  |        |       |
| 2                | 15426          | 4           |             |               | 3            | 20             | 4              | 55               | CASA                     | CASA                     | 20 DE NOV PECALLES        | HB SCHOOL             | 16557                     | 15781   | 1                  | 1047-3      | 049-2            |        |       |
| 2                | 15426          | 5           |             |               | 5            | 0              | 7              | 0                | ITCI                     | ITCI                     | CRUCERO COMERCIAL TEC     | HB SCHOOL             | 15781                     | 18380   | 1                  | 1200-3      | 047-3            |        |       |
| 2                | 15426          | 6           |             |               | 7            | 10             | 9              | 20               | 9                        | 9                        | 20 DE NOV. PECAL          | HBW                   | 18380                     | 15781   | 1                  | 1458-9      | 200-3            |        |       |
| 3                | 4436           | 1           | 9           | 10            | 9            | 35             | 9              | 30               | CASA                     | CASA                     | 21 DE MARZO Y P.E. CA     | HBOTHER               | 4436                      | 15547   | 1                  | 1352-9      | 227-2            |        |       |
| 3                | 4436           | 2           |             |               | 9            | 50             | 9              | 50               | CASA                     | CASA                     | CARR JUAREZ BARBY RIO DA  | NHB                   | 15547                     | 15580   | 1                  | 1073-6      | 352-9            |        |       |
| 3                | 4436           | 3           |             |               | 10           | 10             | 10             | 12               | CASA                     | CASA                     | CARR JUAREZ PORVENIR      | NHB                   | 15580                     | 16407   | 1                  | 1273-2      | 073-6            |        |       |
| 3                | 4436           | 4           |             |               | 11           | 0              | 9              | 20               | 9                        | 50                       | CASA                      | CASA                  | FUTURAMA JIOTEPEC         | HBOTHER | 16407              | 7220        | 1                | 1442-5 | 273-2 |
| 4                | 7305           | 1           | 9           | 20            | 9            | 50             | 7              | 0                | MESS                     | MESS                     | AV LOPEZ MATEOS Y ANI     | HBW                   | 7205                      | 16097   | 1                  | 1048-9      | 444-2            |        |       |
| 4                | 7305           | 2           |             |               | 7            | 40             | 7              | 40               | HOGAR                    | HOGAR                    | COLOQUIO #5713            | HBW                   | 16097                     | 7205    | 1                  | 1048-9      | 446-9            |        |       |
| 4                | 7305           | 3           |             |               | 8            | 0              | 2              | 30               | UACJ                     | UACJ                     | AV DEL CHARRO Y HERMA     | HB SCHOOL             | 7305                      | 10750   | 2                  | 1048-3      | 444-2            |        |       |
| 4                | 7305           | 4           |             |               | 12           | 30             | 12             | 55               | 0                        | EL TEJANAPPA             | 0                         | LOPEZ MATEOS Y CARR A | HBW                       | 7305    | 14102              | 3           | 1384-9           | 444-2  |       |
| 4                | 7305           | 5           |             |               | 10           | 30             | 15             | 0                | HOGAR                    | HOGAR                    | COTUFA #5713              | HBW                   | 14102                     | 7305    | 3                  | 1442-2      | 384-9            |        |       |
| 5                | 7304           | 1           | 6           | 0             | 6            | 15             | 1              | 15               | FAVESA S.A.              | FAVESA S.A.              | AV TECHNOLOGICO Y CESA    | HBW                   | 7304                      | 9598    | 1                  | 1048-7      | 444-2            |        |       |
| 5                | 7304           | 2           |             |               | 1            | 30             | 1              | 30               | HOGAR                    | HOGAR                    | GOMBO #5816 Y JIOTEPE     | HBW                   | 7304                      | 16113   | 2                  | 1048-9      | 444-2            |        |       |
| 5                | 7304           | 3           |             |               | 5            | 30             | 50             | 1                | 30                       | FABRICA RICA THOM        | FABRICA RICA THOM         | GOMBO #5816 Y JIOTEPE | HBW                       | 16113   | 7304               | 1           | 1442-5           | 046-9  |       |
| 5                | 7304           | 4           |             |               | 2            | 0              | 7              | 0                | HOGAR                    | HOGAR                    | GOMBO #5816 Y JIOTEPE     | HBW                   | 7304                      | 16223   | 2                  | 1048-6      | 444-2            |        |       |
| 5                | 7304           | 5           |             |               | 7            | 15             | 9              | 15               | 0                        | CASA DE MADRE            | 0                         | MONTES APENINOS 5130  | HB SOCIAL                 | 7304    | 4979               | 2           | 1442-2           | 563-3  |       |
| 5                | 7304           | 6           |             |               | 9            | 15             | 9              | 15               | HOGAR                    | HOGAR                    | GOMBO #5816 Y JIOTEPE     | HB SOCIAL             | 7304                      | 16380   | 1                  | 1048-1      | 444-2            |        |       |
| 6                | 7304           | 1           | 6           | 45            | 7            | 5              | 3              | 20               | ITCI                     | ITCI                     | AV TECHNICO LOGICO CROCER | HB SCHOOL             | 7304                      | 16380   | 7304               | 1           | 1048-2           | 204-1  |       |
| 6                | 7304           | 2           |             |               | 3            | 45             | 4              | 45               | 30                       | CASA                     | CASA                      | GOMBO #5815 Y JIOTEPE | HB SCHOOL                 | 7304    | 16372              | 1           | 1048-7           | 444-2  |       |
| 6                | 7304           | 3           |             |               | 5            | 0              | 7              | 0                | GOLD'S GYM               | GOLD'S GYM               | SIMONA BAREY Y VALEN      | HB SOCIAL             | 7304                      | 16788   | 1                  | 1274-7      | 444-2            |        |       |
| 6                | 7304           | 4           |             |               | 4            | 30             | 6              | 45               | CASA                     | CASA                     | GOMBO #5815 Y JIOTEPE     | HB SOCIAL             | 16372                     | 7304    | 1                  | 1442-2      | 274-7            |        |       |
| 6                | 7304           | 5           |             |               | 12           | 0              | 9              | 45               | HOGAR                    | HOGAR                    | AY LINCOLN AV DE LA       | HBW                   | 7304                      | 16223   | 2                  | 1048-6      | 244-2            |        |       |
| 6                | 7304           | 6           |             |               | 9            | 45             | 9              | 0                | 30                       | MUEBLERIA FUTURAMA       | MUEBLERIA FUTURAMA        | PEDRO ROSALES DE LEON | HBW                       | 16223   | 7304               | 2           | 1442-5           | 041-6  |       |
| 6                | 7304           | 7           |             |               | 50           | 50             | 5              | 50               | HOGAR                    | HOGAR                    | GOMBO #5815 Y JIOTEPE     | HBW                   | 16223                     | 14868   | 3                  | 1205-6      | 444-2            |        |       |
| 6                | 7304           | 8           |             |               | 10           | 0              | 10             | 30               | 5                        | 30                       | PETER PIPER PIZZA         | PETER PIPER PIZZA     | AV TECHNICO LOGICO Y PEDR | HBW     | 16223              | 7304        | 3                | 1442-5 | 205-6 |
| 7                | 7241           | 1           | 10          | 0             | 10           | 6              | 6              | 30               | CANDELLILLA #2043        | CANDELLILLA #2043        | CANDELILLA #2043          | HBW                   | 14868                     | 7241    | 1                  | 1442-2      | 444-2            |        |       |
| 8                | 9921           | 1           | 8           | 0             | 8            | 15             | 2              | 0                | O LOCAL DE BARBACOA C    | O LOCAL DE BARBACOA C    | MANUEL ACUNA Y JESUS      | HBW                   | 9921                      | 14173   | 1                  | 1048-2      | 205-6            |        |       |
| 8                | 9921           | 2           |             |               | 2            | 20             | 20             | 4                | HOGAR                    | HOGAR                    | LUCIO BLANCO Y FCO. M     | HBW                   | 9921                      | 16777   | 1                  | 131-0       | 131-0            |        |       |
| 9                | 9921           | 1           | 3           | 0             | 3            | 0              | 3              | 0                | O PERIODICO NORTE        | O PERIODICO NORTE        | SN LORENZO                | HBW                   | 16777                     | 6905    | 1                  | 1048-2      | 049-2            |        |       |
| 9                | 9921           | 2           |             |               | 4            | 30             | 4              | 35               | O PERIODICO NORTE        | O PERIODICO NORTE        | SN LORENZO                | NHB                   | 6905                      | 16788   | 1                  | 1048-2      | 262-4            |        |       |
| 9                | 9921           | 3           |             |               | 5            | 0              | 11             | 30               | CASA                     | CASA                     | PELICANA Y ROJAS, EL      | HBW                   | 16788                     | 8179    | 1                  | 1048-7      | 449-2            |        |       |
| 10               | 9917           | 1           | 5           | 0             | 7            | 0              | 5              | 0                | LEVIS                    | LEVIS                    | ALVARO OBREGON Y DIVI     | HB SCHOOL             | 9917                      | 9935    | 1                  | 1371-1      | 131-0            |        |       |
| 10               | 9917           | 2           |             |               | 7            | 0              | 3              | 15               | CASA                     | CASA                     | MIGEL AHUMADA Y VICEN     | HBOTHER               | 9917                      | 9977    | 1                  | 131-0       | 371-1            |        |       |
| 11               | 9917           | 1           | 3           | 0             | 3            | 0              | 3              | 3                | O CASA                   | O CASA                   | LUCIO BLANCO 2060         | HB SCHOOL             | 9917                      | 12922   | 1                  | 1048-2      | 131-0            |        |       |
| 11               | 9917           | 2           |             |               | 3            | 30             | 9              | 0                | O CASA                   | O CASA                   | MIGEL AHUMADA Y VICEN     | HBOTHER               | 9917                      | 12922   | 1                  | 1048-2      | 084-4            |        |       |
| 11               | 9917           | 3           |             |               | 8            | 30             | 8              | 45               | CENTRO                   | CENTRO                   | LUCIO BLANCO 2060         | HBW                   | 12922                     | 9917    | 1                  | 1048-2      | 131-0            |        |       |
| 12               | 9921           | 1           | 8           | 0             | 8            | 0              | 8              | 20               | DEL RIO                  | DEL RIO                  | ALVARO OBREGON Y DIVI     | HB SCHOOL             | 9921                      | 9923    | 1                  | 131-0       | 144-8            |        |       |
| 12               | 9921           | 2           |             |               | 3            | 30             | 8              | 0                | CASA                     | CASA                     | FRANCISCO J. MURGUIA      | HBW                   | 9921                      | 16151   | 1                  | 131-0       | 376-4            |        |       |
| 13               | 11878          | 1           | 9           | 0             | 9            | 10             | 8              | 0                | O CASA                   | O CASA                   | INF. CASAS GRANDES        | NHB                   | 16151                     | 14047   | 1                  | 1277-0      | 347-3            |        |       |
| 13               | 11878          | 2           |             |               | 20           | 11             | 20             | 11               | O ITCA                   | O ITCA                   | RAMON ORTIZ 1642          | HBW                   | 14047                     | 11878   | 1                  | 1376-4      | 277-0            |        |       |
| 14               | 8759           | 1           | 10          | 0             | 11           | 45             | 0              | 8                | CASA                     | CASA                     | PELICANA Y ROJAS, EL      | HBW                   | 8179                      | 16177   | 1                  | 1048-7      | 448-7            |        |       |
| 14               | 8759           | 2           |             |               | 12           | 15             | 8              | 0                | O TALLER                 | O TALLER                 | CERESO                    | HBW                   | 16177                     | 2418    | 1                  | 1442-0      | 347-8            |        |       |
| 14               | 8759           | 3           |             |               | 10           | 30             | 3              | 3                | O FUTURISTAV RIO GRAND   | O FUTURISTAV RIO GRAND   | ALVARO OBREGON AND DI     | NHB                   | 2418                      | 9922    | 1                  | 131-0       | 462-0            |        |       |
| 14               | 8759           | 4           |             |               | 11           | 20             | 11             | 11               | O HOTEL DE MANNELI       | O HOTEL DE MANNELI       | MONTIE MORELOS 1438       | NHB                   | 9922                      | 15711   | 1                  | 1048-3      | 100-5            |        |       |
| 15               | 9921           | 1           | 7           | 30            | 8            | 0              | 8              | 0                | O CECATTI 21             | O CECATTI 21             | OSCAR FLOREY SANCHEZ      | NHB                   | 15711                     | 13448   | 1                  | 1216-4      | 047-3            |        |       |
| 15               | 9921           | 2           |             |               | 12           | 0              | 1              | 1                | O GARDIE                 | O GARDIE                 | OSASOLO 239 CASI ESQ      | NHB                   | 13448                     | 16272   | 1                  | 1048-2      | 216-4            |        |       |
| 16               | 9921           | 2           |             |               | 1            | 30             | 4              | 30               | O INSERTEC               | O INSERTEC               | OSASOLO Y MIGUEL HIDA     | NHB                   | 16272                     | 12435   | 1                  | 1048-5      | 049-2            |        |       |
| 16               | 9921           | 3           |             |               | 5            | 30             | 6              | 0                | O CASA-HABITACION        | O CASA-HABITACION        | GERONIMO ZEGEDA SINC      | NHB                   | 12435                     | 12435   | 1                  | 1250-1      | 100-5            |        |       |
| 17               | 9921           | 1           | 7           | 0             | 8            | 0              | 8              | 0                | O CASA                   | O CASA                   | EL PASO TX                | HBW                   | 21741                     | 9821    | 1                  | 131-0       | 250-1            |        |       |
| 17               | 9921           | 2           |             |               | 9            | 0              | 45             | 4                | O MEDICAL STORE          | O MEDICAL STORE          | EL PASO TX                | NHB                   | 15510                     | 9883    | 1                  | 137-1       | 351-4            |        |       |
| 18               | 15510          | 1           | 9           | 0             | 4            | 45             | 6              | 0                | O CASA                   | O CASA                   | TRIO GUADALQUIN #123      | NHB                   | 15510                     | 15510   | 1                  | 135-4       | 371-1            |        |       |
| 18               | 15510          | 2           |             |               | 6            | 15             | 8              | 30               | O CASA                   | O CASA                   | CARR. JUAREZ PORVENIR     | NHB                   | 15510                     | 16674   | 1                  | 1268-1      | 351-4            |        |       |
| 18               | 15510          | 3           |             |               | 8            | 45             | 4              | 45               | CASA                     | CASA                     | RIO GUADALQUIVIR #123     | NHB                   | 16674                     | 15498   | 1                  | 1048-7      | 288-1            |        |       |

| Household Number | Household Node Number | Origin Hour | Origin Minute | Arrival Hour | Arrival Minute | Departure Hour | Departure Minute | Destination Name         | Address                             | Trip Purpose | Origin Node | Destination Node | Vehicle Number | Destination | Origin AGEB | Destination AGEB |
|------------------|-----------------------|-------------|---------------|--------------|----------------|----------------|------------------|--------------------------|-------------------------------------|--------------|-------------|------------------|----------------|-------------|-------------|------------------|
| 19               | 15525                 | 1           | 10            | 0            | 10             | 45             | 2                | 30 ESCUELA UTEP          | EL PASO, TX                         | PESCHOOL     | 15626       | 9933             | 1371-1         | O58-1       | O58-1       | 371-1            |
| 19               | 15626                 | 2           | 30            | 3            | 0              | 30             | 6                | 0 CASA                   | P.E. CALLES Y ROJA                  | NHB          | 9893        | 15628            | 14196          | 1275-1      | 1058-1      | 371-1            |
| 19               | 15526                 | 3           | 0             | 6            | 0              | 15             | 6                | 15 GIMNASIO              | P.E. CALLES Y ROJA                  | NHB          | 15628       | 14196            | 15628          | 1058-1      | 1058-1      | 275-1            |
| 19               | 15526                 | 4           | 0             | 8            | 10             | 8              | 8                | 30 CASA                  | P.E. CALLES Y EJIDO                 | NHB          | 14196       | 15628            | 15628          | 1058-1      | 1058-1      | 275-1            |
| 19               | 15626                 | 5           | 0             | 8            | 45             | 9              | 9                | 10 FUTORAMA RIO GRANDE   | P.E. CALLES Y EJIDO                 | HBSCHOOL     | 16110       | 15602            | 16110          | 1046-9      | 046-9       | 046-9            |
| 19               | 15626                 | 6           | 0             | 9            | 20             | 12             | 0                | 10 CASA                  | P.E. CALLES Y EJIDO                 | HBSCHOOL     | 16110       | 15602            | 16110          | 1046-9      | 046-9       | 046-9            |
| 20               | 15548                 | 1           | 6             | 55           | 7              | 0              | 12               | 0 ITCAJ                  | LOPEZ MATEOS Y EJIDO                | HBSCHOOL     | 15549       | 16575            | 15548          | 1067-0      | 1067-0      | 067-0            |
| 20               | 15548                 | 2           | 0             | 12           | 15             | 3              | 0                | 0 CASA                   | 16 SEPE Y BOLIVIA                   | HBOOTHER     | 15548       | 13014            | 15548          | 1067-0      | 1067-0      | 067-0            |
| 20               | 15548                 | 3           | 0             | 3            | 15             | 4              | 4                | 30 TALLER MEC.           | LOPEZ MATEOS Y EJIDO                | HBOOTHER     | 15548       | 13014            | 15548          | 1067-0      | 1067-0      | 067-0            |
| 20               | 15548                 | 4           | 0             | 4            | 40             | 5              | 5                | 30 CASA                  | CAMPESINERIA                        | NHB          | 15548       | 13014            | 15548          | 1067-0      | 1067-0      | 067-0            |
| 20               | 15548                 | 5           | 0             | 5            | 40             | 7              | 7                | 10 MIASASHA              | CARR JUAREZ PORVEN                  | NHB          | 15548       | 16575            | 15548          | 1204-1      | 268-1       | 268-1            |
| 20               | 15548                 | 6           | 0             | 7            | 50             | 8              | 0                | 10 CASA                  | LOPEZ MATEOS Y EJIDO                | HBOOTHER     | 15548       | 16575            | 15548          | 1067-0      | 1067-0      | 067-0            |
| 21               | 15781                 | 1           | 7             | 50           | 20             | 2              | 30               | 0 ITCAJ                  | PLUTARCO COMERCIAL TEC              | HBSCHOOL     | 16380       | 15781            | 16380          | 1046-9      | 204-1       | 204-1            |
| 21               | 15781                 | 2           | 0             | 2            | 40             | 40             | 40               | 0 CASA                   | CRUCERO COMERCIAL TEC               | HBSCHOOL     | 16380       | 15781            | 16380          | 1046-9      | 204-1       | 204-1            |
| 22               | 16512                 | 1           | 8             | 0            | 8              | 10             | 12               | 30 ITCAJ                 | INSURGENTES YAVE DE CASA            | HBSCHOOL     | 16312       | 16575            | 16312          | 1046-9      | 204-1       | 204-1            |
| 22               | 16512                 | 2           | 0             | 12           | 40             | 40             | 40               | 0 CASA                   | CRUCERO COMERCIAL TEC               | HBSCHOOL     | 16312       | 16575            | 16312          | 1046-9      | 204-1       | 204-1            |
| 22               | 16512                 | 3           | 0             | 5            | 50             | 7              | 7                | 30 ITCAJ                 | CRUCERO COMERCIAL TEC               | HBSCHOOL     | 16312       | 16575            | 16312          | 1046-9      | 204-1       | 204-1            |
| 22               | 16512                 | 4           | 0             | 7            | 40             | 6              | 2                | 0 CASA                   | INSURGENTES YAVE DE CASA            | HBSCHOOL     | 16312       | 16575            | 16312          | 1046-9      | 204-1       | 204-1            |
| 23               | 18257                 | 1           | 9             | 0            | 9              | 9              | 2                | 0 ITCAJ                  | PLUTARCO E. CALLES Y AVE. CAMPESTRE | HBSCHOOL     | 18257       | 15036            | 18257          | 1268-1      | 268-1       | 268-1            |
| 23               | 18257                 | 2           | 0             | 2            | 5              | 2              | 2                | 15 SUPERFRUCO            | AVE. SENECON                        | NHB          | 15036       | 18213            | 15036          | 1268-1      | 268-1       | 268-1            |
| 23               | 18257                 | 3           | 0             | 2            | 20             | 20             | 20               | 0 CASA                   | NIIZA #1435. COUNTRY RU             | HBSCHOOL     | 18213       | 18257            | 18213          | 1268-1      | 268-1       | 268-1            |
| 24               | 18257                 | 1           | 7             | 40           | 7              | 5              | 1                | 30 IACAT                 | AVE DEL CHARRO                      | HBSCHOOL     | 18257       | 16760            | 18257          | 1046-9      | 204-1       | 204-1            |
| 24               | 18257                 | 2           | 0             | 2            | 0              | 7              | 30               | 0 CASA                   | NIIZA #1401                         | HBSCHOOL     | 18257       | 16760            | 18257          | 1268-1      | 268-1       | 268-1            |
| 24               | 18257                 | 3           | 0             | 7            | 40             | 11             | 11               | 30 HOT-DOGS              | NIIZA #1401                         | HBNW         | 18257       | 15064            | 18257          | 1268-1      | 268-1       | 268-1            |
| 24               | 18257                 | 4           | 0             | 0            | 20             | 20             | 20               | 0 CASA                   | QUAREZ PORVEN Y CAL                 | HBNW         | 15064       | 18257            | 15064          | 1268-1      | 268-1       | 268-1            |
| 25               | 15281                 | 1           | 7             | 0            | 7              | 50             | 3                | 10 UTEP                  | UNIVERSITY                          | HBSCHOOL     | 15281       | 9933             | 15281          | 1046-9      | 204-1       | 204-1            |
| 25               | 15281                 | 2           | 0             | 4            | 10             | 6              | 10               | 0 HOGAR                  | HOGAR                               | HBNW         | 16110       | 15281            | 16110          | 1046-9      | 204-1       | 204-1            |
| 26               | 9115                  | 1           | 50            | 4            | 50             | 50             | 4                | 35 TOSHIBA ELECTROMEX    | PLAZA DE ZARAGOZA                   | HBNW         | 9115        | 7779             | 9115           | 3764-9      | 3764-9      | 3764-9           |
| 26               | 9115                  | 2           | 0             | 5            | 5              | 5              | 8                | 35 TECNOLOGICO DE CD J   | AVE TECNOLOGICO                     | NHB          | 7779        | 16575            | 7779           | 1046-9      | 204-1       | 204-1            |
| 26               | 9115                  | 3           | 0             | 9            | 20             | 20             | 20               | 0 AMI CASA               | EJECUTIVO SANOS Y TECN              | NHB          | 16575       | 12008            | 16575          | 1389-4      | 204-1       | 204-1            |
| 27               | 44491                 | 2           | 0             | 1            | 26             | 3              | 3                | 45 TRABAJO               | CESEÑO SANOS Y TECN                 | NHB          | 16575       | 4598             | 16575          | 1262-2      | 204-1       | 204-1            |
| 27               | 44491                 | 3           | 0             | 4            | 0              | 8              | 30               | 0 ITCAJ                  | AVE. TECNOLOGICO                    | NHB          | 4598        | 16575            | 4598           | 1262-2      | 204-1       | 204-1            |
| 28               | 45336                 | 1           | 7             | 0            | 7              | 12             | 8                | 10 AMERICAN SAFETY       | S. MALINCHÉ #469, CO                | HBSCHOOL     | 45336       | 13575            | 45336          | 1385-3      | 172-4       | 172-4            |
| 28               | 45336                 | 2           | 0             | 8            | 20             | 8              | 20               | 10 40 TALLER MASS. ATLAS | AVE JUAN GABRIEL                    | HBNW         | 13575       | 45336            | 13575          | 1385-3      | 172-4       | 172-4            |
| 28               | 45336                 | 3           | 0             | 10           | 48             | 12             | 12               | 0 CABLE BERGEN           | AVIA Y JILOTEPEC                    | NHB          | 45336       | 7135             | 45336          | 1526-2      | 386-3       | 386-3            |
| 28               | 45336                 | 4           | 0             | 12           | 55             | 17             | 12               | 30 BANAMEX               | AVE TECNOLOGICO EJECI               | NHB          | 7135        | 14887            | 7135           | 14887       | 179-1       | 179-1            |
| 28               | 45336                 | 5           | 0             | 12           | 40             | 40             | 40               | 0 ITCAJ                  | AVE TECNOLOGICO Y CES               | NHB          | 14887       | 4598             | 14887          | 1526-2      | 426-4       | 426-4            |
| 28               | 45336                 | 6           | 0             | 14           | 40             | 40             | 40               | 0 AMERICAN SAFETY        | AVE JUAN GABRIEL                    | NHB          | 4598        | 13575            | 4598           | 1526-2      | 385-3       | 385-3            |
| 28               | 45336                 | 7           | 0             | 5            | 3              | 17             | 4                | 0 TALLER                 | PANAMERICANA Y COYUTL               | HBSCHOOL     | 3170        | 45336            | 3170           | 14657       | 174-9       | 174-9            |
| 29               | 3770                  | 1           | 8             | 20           | 8              | 25             | 8                | 30 ESC NEIZA/AVAL COYUTL | PONCANO ARRAGAY Y.C.                | HBSCHOOL     | 45336       | 3770             | 45336          | 174-9       | 174-9       | 174-9            |
| 29               | 3770                  | 2           | 0             | 8            | 35             | 12             | 12               | 10 ESC NEIZA/AVAL COYUTL | PONCANO ARRAGAY Y.C.                | HBSCHOOL     | 45336       | 3770             | 45336          | 174-9       | 174-9       | 174-9            |
| 29               | 3770                  | 3           | 0             | 12           | 55             | 15             | 1                | 0 TRABAJO                | PONCANO ARRAGAY Y.C.                | HBSCHOOL     | 45336       | 3770             | 45336          | 174-9       | 174-9       | 174-9            |
| 29               | 3770                  | 4           | 0             | 15           | 30             | 33             | 3                | 30 TRABAJO               | CASAS GRANDES Y RIVER               | HBNW         | 3770        | 13615            | 3770           | 14657       | 174-9       | 174-9            |
| 29               | 3770                  | 5           | 0             | 17           | 30             | 33             | 12               | 0 CASA                   | PONCANO ARRAGAY Y.C.                | HBNW         | 13615       | 3770             | 13615          | 174-9       | 174-9       | 174-9            |
| 30               | 4502                  | 1           | 7             | 0            | 7              | 10             | 4                | 0 IMSS                   | EJERCITO NACIONAL Y V               | HBNW         | 4502        | 45336            | 4502           | 14657       | 174-9       | 174-9            |
| 30               | 4502                  | 2           | 0             | 4            | 15             | 5              | 5                | 10 CASA                  | PONCANO ARRAGAY Y.C.                | HBSCHOOL     | 4502        | 45336            | 4502           | 14657       | 174-9       | 174-9            |
| 30               | 4502                  | 3           | 0             | 5            | 20             | 7              | 7                | 25 FUTURAMA              | PEDRO ROSSETTY PANAM                | HBSCHOOL     | 4502        | 45336            | 4502           | 14657       | 174-9       | 174-9            |
| 30               | 4502                  | 4           | 0             | 7            | 37             | 15             | 1                | 0 TRABAJO                | PONCANO ARRAGAY Y.C.                | HBSCHOOL     | 4502        | 45336            | 4502           | 14657       | 174-9       | 174-9            |
| 31               | 4502                  | 1           | 7             | 30           | 7              | 30             | 5                | 5 TRABAJO                | PANAMERICANA Y MONTES               | HBNW         | 4502        | 45336            | 4502           | 14657       | 174-9       | 174-9            |
| 31               | 4502                  | 2           | 0             | 8            | 0              | 9              | 9                | 0 TIENDA                 | PANAMERICANA Y MONTES               | HBSCHOOL     | 4502        | 45336            | 4502           | 14657       | 174-9       | 174-9            |
| 31               | 4502                  | 3           | 0             | 9            | 12             | 15             | 1                | 0 YONKE                  | PANAMERICANA Y MONTES               | HBNW         | 4502        | 45336            | 4502           | 14657       | 174-9       | 174-9            |
| 31               | 4502                  | 4           | 0             | 10           | 20             | 11             | 11               | 10 TIENDA                | PANAMERICANA Y MONTES               | HBSCHOOL     | 4502        | 45336            | 4502           | 14657       | 174-9       | 174-9            |
| 31               | 4502                  | 5           | 0             | 12           | 22             | 15             | 12               | 15 SAN LORENZO           | PANAMERICANA Y MONTES               | HBNW         | 4502        | 45336            | 4502           | 14657       | 174-9       | 174-9            |
| 31               | 4502                  | 6           | 0             | 15           | 35             | 17             | 7                | 5 ESCUELA                | TECNOLOGICO DE LA R                 | HBSCHOOL     | 4502        | 45336            | 4502           | 14657       | 174-9       | 174-9            |
| 31               | 4502                  | 7           | 0             | 17           | 40             | 40             | 40               | 0 HOGAR                  | CASAS GRANDES Y CESAR               | HBSCHOOL     | 4502        | 45336            | 4502           | 14657       | 174-9       | 174-9            |
| 32               | 4543                  | 1           | 9             | 0            | 9              | 9              | 9                | 0 REFACTIONARIA          | TECNOLOGICO DE LA R                 | HBSCHOOL     | 4543        | 45336            | 4543           | 14657       | 174-9       | 174-9            |
| 32               | 4543                  | 2           | 0             | 9            | 12             | 12             | 12               | 0 TRABAJO                | CASAS GRANDES Y CESAR               | HBSCHOOL     | 4543        | 45336            | 4543           | 14657       | 174-9       | 174-9            |
| 32               | 4543                  | 3           | 0             | 10           | 0              | 10             | 10               | 0 TRABAJO                | EJERCITO NACIONAL Y                 | HBNW         | 4543        | 3756             | 4543           | 14657       | 174-9       | 174-9            |
| 32               | 4543                  | 4           | 0             | 12           | 15             | 15             | 15               | 0 TRABAJO                | CASAS GRANDES Y CESAR               | HBSCHOOL     | 4543        | 3756             | 4543           | 14657       | 174-9       | 174-9            |
| 32               | 4543                  | 5           | 0             | 15           | 35             | 17             | 7                | 5 ESCUELA                | REVOLUCION #1071                    | HBSCHOOL     | 4543        | 3756             | 4543           | 14657       | 174-9       | 174-9            |
| 32               | 4543                  | 6           | 0             | 17           | 45             | 45             | 45               | 0 ESTATAL #2             | REVOLUCION #1071                    | HBSCHOOL     | 4543        | 3756             | 4543           | 14657       | 174-9       | 174-9            |
| 32               | 4543                  | 7           | 0             | 19           | 45             | 45             | 45               | 0 TIENDA                 | REVOLUCION #1071                    | HBSCHOOL     | 4543        | 3756             | 4543           | 14657       | 174-9       | 174-9            |
| 33               | 4543                  | 1           | 7             | 30           | 0              | 30             | 12               | 0 CASA DE NOVIA          | CASES GRANDES Y CESAR               | HBSCHOOL     | 4543        | 3756             | 4543           | 14657       | 174-9       | 174-9            |
| 33               | 4543                  | 2           | 0             | 9            | 12             | 12             | 12               | 0 CASA DE NOVIA          | EJERCITO NACIONAL Y                 | HBNW         | 4543        | 3756             | 4543           | 14657       | 174-9       | 174-9            |
| 33               | 4543                  | 3           | 0             | 10           | 0              | 10             | 10               | 0 CASA DE NOVIA          | REVOLUCION #1071                    | HBSCHOOL     | 4543        | 3756             | 4543           | 14657       | 174-9       | 174-9            |
| 33               | 4543                  | 4           | 0             | 12           | 15             | 15             | 15               | 0 CASA DE NOVIA          | REVOLUCION #1071                    | HBSCHOOL     | 4543        | 3756             | 4543           | 14657       | 174-9       | 174-9            |
| 33               | 4543                  | 5           | 0             | 15           | 35             | 17             | 7                | 5 CASA MIA               | TECNOLOGICO DE LA R                 | HBSCHOOL     | 4543        | 3756             | 4543           | 14657       | 174-9       | 174-9            |
| 33               | 4543                  | 6           | 0             | 17           | 45             | 45             | 45               | 0 ESTATAL #2             | REVOLUCION #1071                    | HBSCHOOL     | 4543        | 3756             | 4543           | 14657       | 174-9       | 174-9            |
| 33               | 4543                  | 7           | 0             | 19           | 45             | 45             | 45               | 0 TIENDA                 | REVOLUCION #1071                    | HBSCHOOL     | 4543        | 3756             | 4543           | 14657       | 174-9       | 174-9            |
| 34               | 3756                  | 1           | 10            | 0            | 10             | 1              | 1                | 0 TRABAJO                | CASES GRANDES Y CESAR               | HBSCHOOL     | 4543        | 3756             | 4543           | 14657       | 174-9       | 174-9            |
| 34               | 3756                  | 2           | 0             | 12           | 15             | 15             | 15               | 0 TRABAJO                | EJERCITO NACIONAL Y                 | HBNW         | 4543        | 3756             | 4543           | 14657       | 174-9       | 174-9            |
| 34               | 3756                  | 3           | 0             | 15           | 35             | 17             | 7                | 5 CASA MIA               | REVOLUCION #1071                    | HBSCHOOL     | 4543        | 3756             | 4543           | 14657       | 174-9       | 174-9            |
| 34               | 3756                  | 4           | 0             | 17           | 45             | 45             | 45               | 0 ESTATAL #2             | REVOLUCION #1071                    | HBSCHOOL     | 4543        | 3756             | 4543           | 14657       | 174-9       | 174-9            |
| 34               | 3756                  | 5           | 0             | 19           | 45             | 45             | 45               | 0 TIENDA                 | REVOLUCION #1071                    | HBSCHOOL     |             |                  |                |             |             |                  |

| Household Number | Household Node | Trip Number | Origin Hour | Origin Minute | Arrival Hour | Arrival Minute | Departure Hour | Departure Minute | Destination Name     | Address                 | Purpose              | Origin Node | Destination Node | Vehicle Number | Origin AGEB | Destination AGEB |  |
|------------------|----------------|-------------|-------------|---------------|--------------|----------------|----------------|------------------|----------------------|-------------------------|----------------------|-------------|------------------|----------------|-------------|------------------|--|
| 38               | 15321          | 1           | 8           | 40            | 9            | 20             | 2              | 30               | TRABAJO              | AVE LOPEZ MATEOS Y AV   | HBW                  | 15321       | 15711            | 1047-3         | 0847        |                  |  |
| 38               | 15321          | 2           |             |               | 2            |                | 50             | 3                | HOGAR TIA            | ISACO NEWTON AVE DE     | HBW                  | 15711       | 15729            | 1 517-3        | 047-3       |                  |  |
| 38               | 15321          | 3           |             |               | 3            |                | 55             | 7                | TRABAJO              | AVE LOPEZ MATEOS Y AV   | HBW                  | 15729       | 15729            | 1 517-3        | 047-3       |                  |  |
| 38               | 15321          | 4           |             |               | 7            |                | 30             |                  | HOGAR                | 20 NOVIEMBRE #1758      | HB SCHOOL            | 15711       | 15321            | 1 064-7        | 047-3       |                  |  |
| 39               | 15603          | 1           | 8           | 0             | 8            |                | 15             | 8                | TRABAJO              | 16 VIAL DE LA ESCUELA   | NHB                  | 16817       | 16817            | 1 347-8        | 067-0       |                  |  |
| 39               | 15603          | 2           |             |               | 9            |                | 15             |                  | DOMICILIA PARTICULAR | NINOS HEROES            | NHB                  | 16817       | 16376            | 1 217-2        | 347-8       |                  |  |
| 39               | 15603          | 3           |             |               | 10           |                | 30             | 7                | TRABAJO              | AVE JUAREZ PORVENIR #   | NHB                  | 16376       | 15051            | 1 204-1        | 273-2       |                  |  |
| 39               | 15603          | 4           |             |               | 8            |                | 30             |                  | DESPACHADERO EL7     | PLAN DE GUADALUPE #44   | NHB                  | 15051       | 15603            | 1 067-0        | 204-1       |                  |  |
| 40               | 15459          | 3           |             |               | 0            |                | 20             | 9                | TRABAJO              | AVE HOGAR               | HB SOCIAL            | 15459       | 16870            | 1 535-1        | 067-0       |                  |  |
| 40               | 15459          | 4           |             |               | 6            |                | 20             |                  | O LIENZO CHARRO      | RIO JUCAR #1000         | HB SOCIAL            | 15870       | 15459            | 1 067-0        | 535-1       |                  |  |
| 41               | 15639          | 1           | 10          | 30            | 9            |                | 30             | 12               | TRABAJO              | 30 DE COMPAÑAS HIPERMAR | HB SHOP              | 15859       | 15859            | 1 067-0        | 348-2       |                  |  |
| 41               | 15639          | 2           |             |               | 12           |                | 50             |                  | HOGAR                | EJIDO #3740             | HB SHOP              | 15859       | 15639            | 1 067-0        | 348-2       |                  |  |
| 41               | 15639          | 3           |             |               | 5            |                | 20             | 7                | TRABAJO              | O REUNION CON AMIGAS    | NHB                  | 15639       | 16143            | 1 047-3        | 067-0       |                  |  |
| 41               | 15639          | 4           |             |               | 7            |                | 20             |                  | HOGAR                | EJIDO #3740             | NHB                  | 16143       | 15639            | 1 067-0        | 047-3       |                  |  |
| 42               | 15714          | 1           | 4           | 0             | 4            |                | 10             | 4                | TRABAJO              | 15 UNA PAPELERIA        | HB SCHOOL            | 15757       | 3485             | 1 178-3        | 047-3       |                  |  |
| 43               | 15714          | 1           | 8           | 20            | 8            |                | 25             | 8                | TRABAJO              | 40 CARLOS AMAYA         | HB SCHOOL            | 15714       | 14115            | 1 073-6        | 047-3       |                  |  |
| 43               | 15714          | 2           |             |               | 8            |                | 25             | 12               | TRABAJO              | 910 TEPEP TENEQUIN      | NHB                  | 14115       | 4446             | 1 227-2        | 073-6       |                  |  |
| 43               | 15714          | 3           |             |               | 1            |                | 15             | 3                | TRABAJO              | SAUCE Y NORANIOS        | NHB                  | 4446        | 14115            | 1 073-6        | 227-2       |                  |  |
| 43               | 15714          | 4           |             |               | 3            |                | 30             | 5                | TRABAJO              | 0 COLOSO CENTRO         | NHB                  | 14115       | 12218            | 1 083-A        | 073-6       |                  |  |
| 43               | 15714          | 5           |             |               | 5            |                | 20             |                  | TRABAJO              | ANASTACIO BUSTAMANTE    | HB SHOP              | 12218       | 15714            | 1 047-3        | 083-A       |                  |  |
| 44               | 15626          | 1           | 7           | 0             | 7            |                | 15             | 5                | TRABAJO              | RIVERENO Y AVE DEL CH   | HBW                  | 15626       | 18106            | 1 324-7        | 058-1       |                  |  |
| 44               | 15626          | 2           |             |               | 6            |                | 15             | 8                | TRABAJO              | EL PASO                 | NHB                  | 18106       | 9933             | 1 371-1        | 324-7       |                  |  |
| 44               | 15626          | 3           |             |               | 9            |                | 0              |                  | TRABAJO              | HOGAR                   | HB SCHOOL            | 9933        | 15626            | 1 058-1        | 324-7       |                  |  |
| 46               | 18416          | 1           | 7           | 40            | 7            |                | 55             | 7                | TRABAJO              | 25 ITCL                 | HB SCHOOL            | 18416       | 16380            | 1 204-1        | 398-5       |                  |  |
| 46               | 18416          | 2           |             |               | 7            |                | 40             | 7                | TRABAJO              | 50 HOGAR NIVIO          | NHB                  | 16380       | 14477            | 1 204-1        | 209-4       |                  |  |
| 46               | 18416          | 3           |             |               | 8            |                | 15             | 12               | TRABAJO              | 0 HOGAR MIO             | HB OTHER             | 14477       | 18416            | 1 398-5        | 209-4       |                  |  |
| 47               | 15553          | 1           | 8           | 0             | 8            |                | 15             |                  | TRABAJO              | 0 ITCL                  | HB SCHOOL            | 15553       | 16380            | 1 204-1        | 073-6       |                  |  |
| 47               | 15553          | 2           |             |               | 12           |                | 15             | 2                | TRABAJO              | 25 HOGAR                | HB SCHOOL            | 15553       | 16380            | 1 073-6        | 204-1       |                  |  |
| 48               | 15553          | 1           | 7           | 0             | 7            |                | 12             | 15               | TRABAJO              | 0 ITCL                  | HB SCHOOL            | 15553       | 16380            | 1 204-1        | 073-6       |                  |  |
| 48               | 15553          | 2           |             |               | 12           |                | 15             | 12               | TRABAJO              | 20 TERESIANO            | NHB                  | 16380       | 15751            | 1 058-1        | 204-1       |                  |  |
| 48               | 15553          | 3           |             |               | 1            |                | 0              | 2                | TRABAJO              | 0 HOGAR NOVIA           | NHB                  | 15751       | 7280             | 1 452-7        | 058-1       |                  |  |
| 48               | 15553          | 4           |             |               | 2            |                | 30             | 7                | TRABAJO              | 0 HOGAR                 | HB OTHER             | 7280        | 15553            | 1 073-6        | 452-7       |                  |  |
| 49               | 18324          | 3           |             |               | 5            |                | 10             | 11               | TRABAJO              | 0 BRITANIA              | HB SOCIAL            | 18326       | 18336            | 1 200-3        | 200-3       |                  |  |
| 49               | 18324          | 4           |             |               | 11           |                | 10             |                  | TRABAJO              | 0 AL HOGAR              | HB SOCIAL            | 18321       | 16380            | 1 200-3        | 200-3       |                  |  |
| 49               | 18324          | 5           |             |               | 7            |                | 30             | 40               | TRABAJO              | 10 ITCL                 | JILOTEPEC            | 18321       | 16380            | 1 204-1        | 200-3       |                  |  |
| 49               | 18324          | 6           |             |               | 3            |                | 50             | 1                | TRABAJO              | 0 PARGUE DE JUAREZ      | AVE TECHNOLOGICO CON | NHB         | 16380            | 18322          | 1 204-1     | 398-5            |  |
| 49               | 18324          | 7           |             |               | 8            |                | 0              |                  | TRABAJO              | 0 DELTA                 | CARR CASA GIE        | 18322       | 16380            | 1 368-9        | 398-5       |                  |  |
| 49               | 18324          | 8           |             |               | 3            |                | 0              | 4                | TRABAJO              | 0 BORQUET DE SENECA     | BRITANIA             | 18323       | 18323            | 1 200-3        | 400-3       |                  |  |
| 49               | 18324          | 9           |             |               | 5            |                | 0              | 10               | TRABAJO              | 0 DELTA                 | CARR CASA GIE        | 18323       | 13628            | 1 466-9        | 200-3       |                  |  |
| 49               | 18324          | 10          |             |               | 11           |                | 0              |                  | TRABAJO              | 0 SABINEL 7835          | BORQUET DE SENECA    | 18324       | 13228            | 1 063-A        | 466-9       |                  |  |
| 50               | 18153          | 1           | 7           | 14            | 7            |                | 30             | 7                | TRABAJO              | 30 SEC #33              | PRADERA DORADO       | 18153       | 14499            | 1 200-3        | 428-3       |                  |  |
| 50               | 18153          | 2           |             |               | 1            |                | 40             | 7                | TRABAJO              | 40 ABRIR HGLZ           | PASEO TRIUNFO        | NHB         | 18153            | 14499          | 1 208-4     | 428-3            |  |
| 50               | 18153          | 3           |             |               | 7            |                | 50             | 1                | TRABAJO              | 0 HOGAR                 | PRADERA DORADO       | NHB         | 18153            | 16151          | 1 208-4     | 428-3            |  |
| 50               | 18153          | 4           |             |               | 10           |                | 30             | 12               | TRABAJO              | 0 HOGAR                 | PRADERA DORADO       | NHB         | 16151            | 16242          | 1 041-5     | 209-4            |  |
| 50               | 18153          | 5           |             |               | 12           |                | 30             | 12               | TRABAJO              | 0 HOGAR                 | PRADERA DORADO       | NHB         | 16242            | 18153          | 1 041-5     | 209-4            |  |
| 50               | 18153          | 6           |             |               | 12           |                | 30             | 12               | TRABAJO              | 0 HOGAR                 | PRADERA DORADO       | NHB         | 18153            | 16242          | 1 041-5     | 209-4            |  |
| 50               | 18153          | 7           |             |               | 1            |                | 30             | 1                | TRABAJO              | 0 UACJ                  | PRADERA DORADO       | NHB         | 18153            | 14507          | 1 347-8     | 209-4            |  |
| 50               | 18153          | 8           |             |               | 1            |                | 45             | 6                | TRABAJO              | 0 CASA                  | JILOTEPEC            | 18153       | 16151            | 1 208-4        | 428-3       |                  |  |
| 50               | 18153          | 9           |             |               | 6            |                | 30             | 10               | TRABAJO              | 0 CONSULTARIO           | JILOTEPEC            | 18153       | 16242            | 1 041-5        | 209-4       |                  |  |
| 50               | 18153          | 10          |             |               | 6            |                | 30             | 10               | TRABAJO              | 0 HOGAR                 | JILOTEPEC            | 18153       | 16242            | 1 041-5        | 209-4       |                  |  |
| 50               | 18153          | 11          |             |               | 10           |                | 30             | 10               | TRABAJO              | 0 HOGAR                 | JILOTEPEC            | 18153       | 16242            | 1 041-5        | 209-4       |                  |  |
| 50               | 18153          | 12          |             |               | 6            |                | 40             | 12               | TRABAJO              | 0 HOGAR                 | JILOTEPEC            | 18153       | 16242            | 1 041-5        | 209-4       |                  |  |
| 50               | 18153          | 13          |             |               | 1            |                | 0              |                  | TRABAJO              | 0 CASA                  | JILOTEPEC            | 18153       | 16242            | 1 041-5        | 209-4       |                  |  |
| 51               | 18153          | 1           | 7           | 0             | 7            |                | 0              | 7                | TRABAJO              | 0 UACJ                  | JILOTEPEC            | 18153       | 16760            | 1 048-3        | 209-4       |                  |  |
| 51               | 18153          | 2           |             |               | 12           |                | 40             | 6                | TRABAJO              | 30 HOGAR                | CALLE JARDINEZ       | 18153       | 16760            | 1 048-3        | 209-4       |                  |  |
| 51               | 18153          | 3           |             |               | 7            |                | 0              | 9                | TRABAJO              | 0 MEJIA PERY.           | NHB                  | 18153       | 13058            | 1 063-9        | 428-3       |                  |  |
| 51               | 18153          | 4           |             |               | 9            |                | 30             | 9                | TRABAJO              | 0 HOGAR                 | CALLE JARDINEZ       | 18153       | 13058            | 1 063-9        | 428-3       |                  |  |
| 51               | 18153          | 5           |             |               | 9            |                | 30             | 12               | TRABAJO              | 0 HOGAR                 | CALLE JARDINEZ       | 18153       | 13058            | 1 063-9        | 428-3       |                  |  |
| 51               | 18153          | 6           |             |               | 6            |                | 40             | 12               | TRABAJO              | 0 HOGAR                 | CALLE JARDINEZ       | 18153       | 13058            | 1 063-9        | 428-3       |                  |  |
| 51               | 18153          | 7           |             |               | 12           |                | 30             | 3                | TRABAJO              | 0 HOGAR                 | CALLE JARDINEZ       | 18153       | 13058            | 1 063-9        | 428-3       |                  |  |
| 51               | 18153          | 8           |             |               | 10           |                | 15             | 0                | TRABAJO              | 0 ITCL                  | JILOTEPEC            | 18153       | 16380            | 1 048-3        | 209-4       |                  |  |
| 52               | 18111          | 1           | 9           | 50            | 10           |                | 0              | 1                | TRABAJO              | 0 ITCL                  | JILOTEPEC            | 18111       | 16380            | 1 048-3        | 209-4       |                  |  |
| 52               | 18111          | 2           |             |               | 3            |                | 30             | 5                | TRABAJO              | 0 HACIENDO              | NHB                  | 18111       | 15070            | 1 048-3        | 209-4       |                  |  |
| 52               | 18111          | 3           |             |               | 4            |                | 0              | 8                | TRABAJO              | 0 AIRERMORT             | NHB                  | 15070       | 16850            | 1 048-3        | 209-4       |                  |  |
| 52               | 18111          | 4           |             |               | 3            |                | 30             | 9                | TRABAJO              | 0 AL HOGAR              | HB SHOP              | 18111       | 16850            | 1 048-3        | 209-4       |                  |  |
| 53               | 18153          | 2           |             |               | 11           |                | 15             | 11               | TRABAJO              | 0 ESCUELA ITCL          | NHB                  | 18153       | 16380            | 1 048-3        | 209-4       |                  |  |
| 53               | 18153          | 3           |             |               | 3            |                | 30             | 9                | TRABAJO              | 0 ITCL                  | JILOTEPEC            | 18153       | 16380            | 1 048-3        | 209-4       |                  |  |
| 53               | 18153          | 4           |             |               | 4            |                | 0              | 8                | TRABAJO              | 0 HOGAR                 | JILOTEPEC            | 18153       | 16380            | 1 048-3        | 209-4       |                  |  |
| 53               | 18153          | 5           |             |               | 3            |                | 0              | 8                | TRABAJO              | 0 ITCL                  | JILOTEPEC            | 18153       | 16380            | 1 048-3        | 209-4       |                  |  |
| 53               | 18153          | 6           |             |               | 3            |                | 0              | 8                | TRABAJO              | 0 HOGAR                 | JILOTEPEC            | 18153       | 16380            | 1 048-3        | 209-4       |                  |  |
| 53               | 18153          | 7           |             |               | 11           |                | 0              | 2                | TRABAJO              | 30 CBTIS 128            | NHB                  | 18153       | 17775            | 1 077-4        | 209-4       |                  |  |
| 54               | 18153          | 8           |             |               | 30           |                | 9              | 0                | TRABAJO              | 0 HOGAR                 | NHB                  | 18153       | 2888             | 1 282-3        | 428-3       |                  |  |
| 54               | 18153          | 9           |             |               | 3            |                | 0              | 2                | TRABAJO              | 0 HOGAR                 | NHB                  | 18153       | 2888             | 1 282-3        | 428-3       |                  |  |
| 54               | 18153          | 10          |             |               | 1            |                | 0              | 1                | TRABAJO              | 0 HOGAR                 | NHB                  | 18153       | 16898            | 1 048-3        | 428-3       |                  |  |
| 54               | 18153          | 11          |             |               | 1            |                | 0              | 1                | TRABAJO              | 0 HOGAR                 | NHB                  | 18153       | 16898            | 1 048-3        | 428-3       |                  |  |
| 54               | 18153          | 12          |             |               | 1            |                | 0              | 1                | TRABAJO              | 0 HOGAR                 | NHB                  | 18153       | 16520            | 1 048-3        | 428-3       |                  |  |
| 54               | 18153          | 13          |             |               | 1            |                | 0              | 10               | TRABAJO              | 0 HOGAR                 | NHB                  | 18153       | 16520            | 1 048-3        | 428-3       |                  |  |

| Household Number | Household Trip Number | Origin Node | Origin Hour | Origin Minute | Arrival Hour | Arrival Minute | Departure Hour | Departure Minute | Destination Name       | Purpose Address        | Destination Address | Origin Node | Destination Node | Vehicle Number | Destination | Origin | Destination | Origin AGEB | Destination AGEB |
|------------------|-----------------------|-------------|-------------|---------------|--------------|----------------|----------------|------------------|------------------------|------------------------|---------------------|-------------|------------------|----------------|-------------|--------|-------------|-------------|------------------|
| 54               | 18153                 | 10          | 7           | 45            | 7            | 55             | 20             | 8                | AL HOGAR               | CALLE JARDINES #8028   | HBSOCIAL            | 16520       | 18153            | 3              | 428-3       | 048-8  |             |             |                  |
| 55               | 16805                 | 1           | 7           | 45            | 8            | 10             | 10             | 10               | 10 STYLOCOS            | PEDRO REYES LAS DE LEO | NHB                 | 16605       | 14888            | 1              | 205-6       | 267    |             |             |                  |
| 55               | 16805                 | 2           | 7           | 30            | 8            | 0              | 2              | 2                | 0 HOGAR                | RIO NAZAS #4655, COL.  | NHB                 | 14868       | 16605            | 1              | 267         | 205-6  |             |             |                  |
| 55               | 16805                 | 5           | 7           | 30            | 8            | 0              | 2              | 3                | 0 PARQUE ZETA          | PANAMERICANA           | HBW                 | 16605       | 16605            | 2              | 249-9       | 267    |             |             |                  |
| 55               | 16805                 | 6           | 7           | 30            | 8            | 0              | 2              | 3                | 0 HOGAR                | RIO NAZAS #4655, COL.  | HBW                 | 16605       | 16605            | 2              | 267         | 249-9  |             |             |                  |
| 55               | 16805                 | 7           | 3           | 15            | 2            | 15             | 30             | 8                | 30 PARQUE ZETA         | PANAMERICANA           | HBW                 | 16605       | 16605            | 2              | 249-9       | 267    |             |             |                  |
| 55               | 16805                 | 8           | 1           | 45            | 8            | 50             | 2              | 15               | 15 HOGAR               | RIO NAZAS #4655, COL.  | NHB                 | 16605       | 16605            | 2              | 257         | 249-9  |             |             |                  |
| 55               | 16895                 | 3           | 1           | 45            | 2            | 0              | 2              | 2                | 15 COLEGIO ST. PATRICI | C. VALENTIN FUENTES    | NHB                 | 16585       | 13608            | 2              | 466-9       | 204-1  |             |             |                  |
| 58               | 14271                 | 1           | 7           | 50            | 7            | 55             | 0              | 0                | 0 ITCA                 | AVE. TECNOLOGICO Y DE  | HBSCHOOL            | 14271       | 16336            | 1              | 204-1       | 431-5  |             |             |                  |
| 58               | 14271                 | 2           | 7           | 50            | 2            | 10             | 2              | 2                | 15 ACTIVIDAD PERSONAL  | ELERCITO NACIONAL Y F  | NHB                 | 16380       | 13938            | 1              | 087-3       | 204-1  |             |             |                  |
| 58               | 14271                 | 3           | 7           | 25            | 2            | 12             | 3              | 12               | 40 HOGAR               | RAMON RIVERA LARA YV   | NHB                 | 13938       | 14271            | 1              | 431-5       | 087-3  |             |             |                  |
| 58               | 14271                 | 4           | 3           | 45            | 12           | 55             | 12             | 55               | 55 TRABAJO             | PARQUE IND. JUAREZ     | HBW                 | 13577       | 14271            | 1              | 431-5       | 385-3  |             |             |                  |
| 58               | 14271                 | 5           | 1           | 0             | 1            | 0              | 15             | 3                | 40 TRABAJO             | RAMON RIVERA LARA YV   | NHB                 | 13577       | 13608            | 1              | 466-9       | 230-6  |             |             |                  |
| 59               | 32114                 | 1           | 6           | 0             | 6            | 0              | 40             | 0                | 0 HOGAR                | RAMON RIVERA LARA YV   | NHB                 | 13608       | 13214            | 1              | 290-6       | 466-9  |             |             |                  |
| 59               | 32114                 | 2           | 2           | 0             | 4            | 0              | 6              | 0                | 0 ACTIVIDAD PERSONAL   | GERAL SANTOS ORTIZ #9  | HBW                 | 13608       | 13214            | 1              | 290-6       | 466-9  |             |             |                  |
| 59               | 32114                 | 3           | 6           | 0             | 6            | 50             | 7              | 0                | 0 ACTIVIDAD PERSONAL   | POR LA IGLESIA SAN LIO | NHB                 | 13214       | 16758            | 1              | 049-2       | 290-6  |             |             |                  |
| 59               | 32114                 | 4           | 7           | 30            | 8            | 10             | 10             | 10               | 30 FUTURAMA RIO GRANDE | LOPEZ MATEOS Y PASEO   | NHB                 | 16758       | 16110            | 1              | 049-3       | 049-2  |             |             |                  |
| 59               | 32114                 | 5           | 8           | 45            | 10           | 10             | 10             | 10               | 0 ACTIVIDAD PERSONAL   | POR LA IGLESIA SAN LIO | NHB                 | 16110       | 16758            | 1              | 049-2       | 046-9  |             |             |                  |
| 59               | 32114                 | 6           | 10          | 40            | 10           | 5              | 10             | 10               | 0 HOGAR                | GRAL SANTOS ORTIZ #9   | NHB                 | 16768       | 16768            | 1              | 290-6       | 049-2  |             |             |                  |
| 60               | 13243                 | 1           | 10          | 0             | 10           | 5              | 10             | 10               | 0 ESC. PRIMARIA DIEGO  | VILLEUR ZARAGOZA YT    | HBSCHOOL            | 13243       | 3286             | 1              | 290-6       | 073-6  |             |             |                  |
| 60               | 13243                 | 2           | 2           | 10            | 10           | 20             | 11             | 0                | 0 HOGAR                | CARR. CASAS GRANDES Y  | HBSCHOOL            | 13243       | 3286             | 1              | 073-6       | 290-6  |             |             |                  |
| 60               | 13243                 | 3           | 11          | 15            | 11           | 11             | 11             | 11               | 25 SERVICIOS           | CARR. CASAS GRANDES EN | HBSHOP              | 13243       | 13547            | 1              | 216-4       | 073-6  |             |             |                  |
| 60               | 13243                 | 4           | 11          | 45            | 12           | 50             | 12             | 12               | 30 FUTURAMA RIO GRANDE | LOPEZ MATEOS Y VICENTE | NHB                 | 13547       | 13571            | 1              | 047-3       | 216-4  |             |             |                  |
| 60               | 13243                 | 5           | 12          | 50            | 12           | 50             | 1              | 1                | 0 MUEBLEZ Z-           | RAMON CORONA Y GALEA   | NHB                 | 13571       | 12923            | 1              | 084-4       | 047-3  |             |             |                  |
| 60               | 13243                 | 6           | 13          | 21            | 1            | 35             | 2              | 10               | 0 HIDROGAS             | CARR. CASAS GRANDES Y  | NHB                 | 12923       | 13518            | 1              | 512-0       | 084-4  |             |             |                  |
| 60               | 13243                 | 7           | 2           | 10            | 4            | 0              | 4              | 0                | 0 HOGAR                | CARR. CASAS GRANDES Y  | HBSHOP              | 13518       | 13243            | 1              | 073-6       | 512-0  |             |             |                  |
| 60               | 13243                 | 8           | 4           | 40            | 7            | 30             | 7              | 30               | 30 EL PASO TEXAS       | PUNIENTE SANT FE       | HBSHOP              | 13243       | 12840            | 1              | 083-2       | 073-6  |             |             |                  |
| 60               | 13243                 | 9           | 8           | 30            | 9            | 30             | 9              | 10               | 0 CASA MAMA            | VILLEUR ZABAGAYA YT    | NHB                 | 13243       | 12840            | 1              | 073-6       | 073-6  |             |             |                  |
| 60               | 13243                 | 10          | 9           | 35            | 10           | 10             | 10             | 10               | 0 HOGAR                | CARR. CASAS GRANDES Y  | NHB                 | 13243       | 3286             | 1              | 290-6       | 073-6  |             |             |                  |
| 60               | 13243                 | 11          | 10          | 5             | 10           | 5              | 10             | 10               | 0 SCIRIANA PLAZA JUARE | AVE. TECNOLOGICO Y EJE | NHB                 | 13243       | 13243            | 1              | 073-6       | 290-6  |             |             |                  |
| 60               | 13243                 | 12          | 14          | 6             | 45           | 7              | 0              | 0                | 0 HOGAR                | CARR. CASAS GRANDES Y  | NHB                 | 14690       | 13243            | 2              | 208-6       | 073-6  |             |             |                  |
| 60               | 13243                 | 13          | 15          | 7             | 0            | 7              | 0              | 0                | 0 HOGAR                | VILLEUR ZABAGAYA YT    | NHB                 | 13243       | 14690            | 1              | 208-6       | 208-6  |             |             |                  |
| 61               | 18482                 | 1           | 9           | 0             | 9            | 15             | 9              | 15               | 16 DEJAR PASAJERO      | JUAREZ PORVENIR        | NHB                 | 16874       | 16874            | 1              | 348-2       | 220-7  |             |             |                  |
| 61               | 18482                 | 2           | 2           | 9             | 0            | 9              | 15             | 15               | 16 OPTICAS LAZER       | PLUMERILLOS #9517      | HBW                 | 12939       | 18492            | 1              | 142-2       | 083-4  |             |             |                  |
| 61               | 18482                 | 3           | 10          | 9             | 30           | 4              | 30             | 4                | 35 HOGAR               | 16 DE SEPTIEMBRE Y PR  | HBW                 | 18492       | 12939            | 1              | 083-4       | 220-7  |             |             |                  |
| 61               | 18482                 | 4           | 11          | 0             | 5            | 0              | 7              | 0                | 0 OPTICAS LAZER        | PLUMERILLOS #9517      | HBW                 | 12939       | 18492            | 1              | 083-4       | 220-7  |             |             |                  |
| 61               | 18482                 | 5           | 12          | 0             | 7            | 0              | 3              | 3                | 45 TRABAJO             | RAMON RIVERA LARA Y E  | HBW                 | 18492       | 12939            | 1              | 420-7       | 083-4  |             |             |                  |
| 62               | 32114                 | 1           | 4           | 30            | 5            | 10             | 7              | 7                | 30 COLOSO OASIS        | GRAL SANTOS ORTIZ #91  | HBW                 | 32114       | 13596            | 1              | 385-3       | 290-6  |             |             |                  |
| 62               | 32114                 | 2           | 4           | 30            | 5            | 10             | 7              | 7                | 30 COLOSO OASIS        | CARR. CASAS GRANDES Y  | HBSHOP              | 32114       | 3291             | 1              | 184-2       | 290-6  |             |             |                  |
| 62               | 32114                 | 3           | 4           | 30            | 5            | 10             | 7              | 7                | 30 COLOSO OASIS        | CARR. CASAS GRANDES Y  | NHB                 | 3291        | 3290             | 1              | 148-0       | 184-2  |             |             |                  |
| 62               | 32114                 | 4           | 7           | 35            | 8            | 0              | 30             | 8                | 0 CASA D'UN AMIGO      | CARR. CASAS GRANDES Y  | NHB                 | 3290        | 3290             | 1              | 290-6       | 184-2  |             |             |                  |
| 62               | 32114                 | 5           | 8           | 35            | 8            | 12             | 0              | 12               | 0 HOGAR                | GRAL SANTOS ORTIZ #91  | HBOTHER             | 3290        | 3290             | 1              | 290-6       | 245-0  |             |             |                  |
| 63               | 32114                 | 1           | 11          | 0             | 11           | 5              | 12             | 4                | 0 HOGAR                | CARR. CASAS GRANDES Y  | NHB                 | 3290        | 3299             | 1              | 246-5       | 290-6  |             |             |                  |
| 63               | 32114                 | 2           | 12          | 10            | 4            | 0              | 12             | 10               | 0 HOGAR                | GRAL SANTOS ORTIZ #91  | NHB                 | 3299        | 3299             | 1              | 246-5       | 290-6  |             |             |                  |
| 63               | 32114                 | 3           | 12          | 10            | 4            | 0              | 12             | 10               | 0 HOGAR                | CARR. PANAMERICANA Y   | NHB                 | 14690       | 13243            | 1              | 208-6       | 290-6  |             |             |                  |
| 63               | 32114                 | 4           | 13          | 0             | 13           | 9              | 25             | 9                | 0 HOGAR                | GRAL SANTOS ORTIZ #91  | NHB                 | 13243       | 3214             | 1              | 208-6       | 208-6  |             |             |                  |
| 64               | 32114                 | 1           | 11          | 0             | 11           | 0              | 11             | 11               | 0 HOGAR                | ADOLFA DE LA HUERTA E  | NHB                 | 15724       | 14684            | 1              | 205-6       | 204-1  |             |             |                  |
| 64               | 32114                 | 2           | 12          | 10            | 0            | 12             | 10             | 10               | 0 HOGAR                | GRAL SANTOS ORTIZ #91  | HBOTHER             | 15724       | 15724            | 1              | 047-3       | 204-1  |             |             |                  |
| 64               | 32114                 | 3           | 13          | 0             | 13           | 7              | 0              | 7                | 0 HOGAR                | GRAL SANTOS ORTIZ #91  | NHB                 | 15724       | 15415            | 1              | 166-6       | 290-6  |             |             |                  |
| 64               | 32114                 | 4           | 14          | 0             | 14           | 7              | 0              | 7                | 0 HOGAR                | GRAL SANTOS ORTIZ #91  | NHB                 | 15415       | 15415            | 1              | 166-6       | 290-6  |             |             |                  |
| 64               | 32114                 | 5           | 15          | 0             | 15           | 8              | 0              | 8                | 0 CINE                 | GRAL SANTOS ORTIZ #91  | NHB                 | 15483       | 15483            | 1              | 166-6       | 290-6  |             |             |                  |
| 64               | 32114                 | 6           | 16          | 0             | 16           | 8              | 0              | 8                | 0 CINE                 | ADOLFA DE LA HUERTA E  | NHB                 | 15483       | 15724            | 1              | 047-3       | 290-6  |             |             |                  |
| 65               | 32114                 | 7           | 17          | 0             | 17           | 7              | 0              | 7                | 0 HOGAR                | GRAL SANTOS ORTIZ #91  | NHB                 | 15724       | 15724            | 1              | 047-3       | 290-6  |             |             |                  |
| 65               | 32114                 | 8           | 18          | 0             | 18           | 7              | 0              | 7                | 0 HOGAR                | GRAL SANTOS ORTIZ #91  | NHB                 | 15724       | 15724            | 1              | 047-3       | 290-6  |             |             |                  |
| 65               | 32114                 | 9           | 19          | 0             | 19           | 7              | 0              | 7                | 0 HOGAR                | GRAL SANTOS ORTIZ #91  | NHB                 | 15724       | 15724            | 1              | 047-3       | 290-6  |             |             |                  |
| 65               | 32114                 | 10          | 20          | 0             | 20           | 6              | 0              | 6                | 0 HOGAR                | GRAL SANTOS ORTIZ #91  | NHB                 | 15724       | 15724            | 1              | 047-3       | 290-6  |             |             |                  |
| 65               | 32114                 | 11          | 21          | 0             | 21           | 5              | 0              | 5                | 0 HOGAR                | GRAL SANTOS ORTIZ #91  | NHB                 | 15724       | 15724            | 1              | 047-3       | 290-6  |             |             |                  |
| 66               | 32114                 | 12          | 22          | 0             | 22           | 5              | 0              | 5                | 0 HOGAR                | GRAL SANTOS ORTIZ #91  | NHB                 | 15724       | 15724            | 1              | 047-3       | 290-6  |             |             |                  |
| 66               | 32114                 | 13          | 23          | 0             | 23           | 5              | 0              | 5                | 0 HOGAR                | GRAL SANTOS ORTIZ #91  | NHB                 | 15724       | 15724            | 1              | 047-3       | 290-6  |             |             |                  |
| 66               | 32114                 | 14          | 24          | 0             | 24           | 5              | 0              | 5                | 0 HOGAR                | GRAL SANTOS ORTIZ #91  | NHB                 | 15724       | 15724            | 1              | 047-3       | 290-6  |             |             |                  |
| 66               | 32114                 | 15          | 25          | 0             | 25           | 5              | 0              | 5                | 0 HOGAR                | GRAL SANTOS ORTIZ #91  | NHB                 | 15724       | 15724            | 1              | 047-3       | 290-6  |             |             |                  |
| 66               | 32114                 | 16          | 26          | 0             | 26           | 5              | 0              | 5                | 0 HOGAR                | GRAL SANTOS ORTIZ #91  | NHB                 | 15724       | 15724            | 1              | 047-3       | 290-6  |             |             |                  |
| 66               | 32114                 | 17          | 27          | 0             | 27           | 5              | 0              | 5                | 0 HOGAR                | GRAL SANTOS ORTIZ #91  | NHB                 | 15724       | 15724            | 1              | 047-3       | 290-6  |             |             |                  |
| 66               | 32114                 | 18          | 28          | 0             | 28           | 5              | 0              | 5                | 0 HOGAR                | GRAL SANTOS ORTIZ #91  | NHB                 | 15724       | 15724            | 1              | 047-3       | 290-6  |             |             |                  |
| 66               | 32114                 | 19          | 29          | 0             | 29           | 5              | 0              | 5                | 0 HOGAR                | GRAL SANTOS ORTIZ #91  | NHB                 | 15724       | 15724            | 1              | 047-3       | 290-6  |             |             |                  |
| 66               | 32114                 | 20          | 30          | 0             | 30           | 5              | 0              | 5                | 0 HOGAR                | GRAL SANTOS ORTIZ #91  | NHB                 | 15724       | 15724            | 1              | 047-3       | 290-6  |             |             |                  |
| 66               | 32114                 | 21          | 31          | 0             | 31           | 5              | 0              | 5                | 0 HOGAR                | GRAL SANTOS ORTIZ #91  | NHB                 | 15724       | 15724            | 1              | 047-3       | 290-6  |             |             |                  |
| 66               | 32114                 | 22          | 32          | 0             | 32           | 5              | 0              | 5                | 0 HOGAR                | GRAL SANTOS ORTIZ #91  | NHB                 | 15724       | 15724            | 1              | 047-3       | 290-6  |             |             |                  |
| 66               | 32114                 | 23          | 33          | 0             | 33           | 5              | 0              | 5                | 0 HOGAR                | GRAL SANTOS ORTIZ #91  | NHB                 | 15724       | 15724            | 1              | 047-3       | 290-6  |             |             |                  |
| 66               | 32114                 | 24          | 34          | 0             | 34           | 5              | 0              | 5                | 0 HOGAR                | GRAL SANTOS ORTIZ #91  | NHB                 | 15724       | 15724            | 1              | 047-3       | 290-6  |             |             |                  |
| 66               | 32114                 | 25          | 35          | 0             | 35           | 5              | 0              | 5                | 0 HOGAR                | GRAL SANTOS ORTIZ #91  | NHB                 | 15724       | 15724            | 1              | 047-3       | 290-6  |             |             |                  |
| 66               | 32114                 | 26          | 36          | 0             | 36           | 5              | 0              | 5                | 0 HOGAR                | GRAL SANTOS ORTIZ #91  | NHB                 | 15724       | 15724            | 1              | 047-3       | 290-6  |             |             |                  |
| 66               | 32114                 | 27          | 37          |               |              |                |                |                  |                        |                        |                     |             |                  |                |             |        |             |             |                  |

| Household Number | Household Node | Trip Number | Origin Hour | Arrival Hour | Departure Minute | Departure Hour | Departure Minute | Name                   | Destination Address      | Trip Purpose | Origin Node | Destination Node | Vehicle Number | Origin AGEB | Destination AGEB |
|------------------|----------------|-------------|-------------|--------------|------------------|----------------|------------------|------------------------|--------------------------|--------------|-------------|------------------|----------------|-------------|------------------|
| 63               | 3550           | 3           | 4           | 4            | 0                | 4              | 0                | SI PERSONAL            | MONTENAYOR #721 DE MA    | NHB          | 3550        | 15254            | 1071-7         | 445-7       |                  |
| 63               | 3550           | 4           | 20          | 8            | 10               | 10             | 8                | 10 CINE                | LOPEZ MATEOS Y CALLE     | NHB          | 15944       | 15254            | 1046-9         | 071-7       |                  |
| 63               | 3550           | 5           | 30          | 8            | 10               | 30             | 10               | 0 PERSONAL             | MONTENAYOR Y CALLE MA    | NHB          | 15944       | 15254            | 1071-7         | 046-9       |                  |
| 63               | 3550           | 6           | 30          | 8            | 10               | 30             | 10               | HOGAR                  | CARR CASAS GRANDES Y     | HBOOTHER     | 15554       | 3550             | 1455-7         | 071-7       |                  |
| 63               | 15472          | 1           | 7           | 45           | 8                | 0              | 1                | 0 ESC. ABRAHAM GONZAL  | FASEO DE LA REPUBLI      | HBW          | 15472       | 16151            | 1347-8         | 072-1       |                  |
| 63               | 15472          | 2           | 40          | 1            | 50               | 1              | 1                | 0 SEC. ESTAFAL NO. 16  | LOPEZ MATEOS             | NHB          | 16151       | 16124            | 1046-9         | 341-8       |                  |
| 63               | 15472          | 3           | 40          | 1            | 15               | 6              | 0                | 0 AL HOGAR             | FCO. ZARCO #4704         | HBOOTHER     | 16124       | 15472            | 1072-1         | 046-9       |                  |
| 63               | 15472          | 4           | 20          | 6            | 20               | 8              | 20               | 20 HIPERMART           | AVE TECNOLOGICO Y VIC    | HBSHOP       | 16557       | 15472            | 1048-2         | 072-1       |                  |
| 63               | 15472          | 5           | 20          | 6            | 20               | 8              | 20               | 0 AL HOGAR             | FCO. ZARCO #4704         | HBSHOP       | 16557       | 15472            | 1072-1         | 049-2       |                  |
| 63               | 15472          | 6           | 10          | 50           | 11               | 0              | 1                | 0 INST TECNOLOGICO     | AVE TECNOLOGICO          | HBSCCHOOL    | 15472       | 16380            | 21204-1        | 072-1       |                  |
| 63               | 15472          | 7           | 15          | 1            | 30               | 3              | 30               | 0 AL LA CASA           | FCO. ZARCO #4704         | HBSCCHOOL    | 15472       | 16380            | 21065-1        | 204-1       |                  |
| 63               | 15472          | 8           | 40          | 0            | 8                | 0              | 8                | 0 INST TECNOLOGICO     | AVE TECNOLOGICO          | HBSCCHOOL    | 15472       | 16380            | 21204-1        | 065-1       |                  |
| 63               | 15472          | 9           | 20          | 8            | 20               | 8              | 20               | 25 INST AMERICA - ENGL | AVE LERDO Y 18 DE SEP    | NHB          | 16380       | 12906            | 2084-4         | 204-1       |                  |
| 63               | 15472          | 10          | 40          | 0            | 8                | 0              | 8                | 0 AL HOGAR             | FCO. ZARCO #4704         | HBOOTHER     | 15472       | 15472            | 21055-1        | 084-4       |                  |
| 63               | 15472          | 11          | 7           | 20           | 7                | 30             | 5                | 0 VEFSA                | AVE TECNOLOGICO Y EJE    | HBW          | 15472       | 14684            | 31065-6        | 065-1       |                  |
| 63               | 15472          | 12          | 15          | 5            | 15               | 8              | 15               | 0 AL LA CASA           | FCO. ZARCO #4704         | HBW          | 15472       | 14684            | 31065-1        | 205-6       |                  |
| 63               | 15472          | 13          | 8           | 10           | 30               | 10             | 10               | 30 CON SUNROVA         | CARLOS ANAYA GARCET      | HBSCCHOOL    | 15472       | 13753            | 31382-A        | 065-1       |                  |
| 63               | 15472          | 14          | 40          | 10           | 35               | 9              | 35               | 0 AL LA CASA           | FCO. ZARCO #4704         | HBSCCHOOL    | 15472       | 13763            | 31065-1        | 382-A       |                  |
| 70               | 15561          | 1           | 8           | 35           | 9                | 55             | 3                | 30 SEC. ESTATAL #83360 | CALLE TORONJA ROJA S/    | HBW          | 15561       | 7108             | 1451-2         | 073-6       |                  |
| 70               | 15561          | 2           | 40          | 4            | 55               | 0              | 5                | 30 AL LA CASA          | PRO CHUVISCAR #11550     | HBW          | 7108        | 15561            | 1073-6         | 073-6       |                  |
| 71               | 14102          | 1           | 7           | 15           | 8                | 0              | 1                | 30 ITCTJ               | CRUCERO COMERCIAL TEC    | HBSCCHOOL    | 14102       | 16380            | 1204-1         | 384-9       |                  |
| 71               | 14102          | 2           | 40          | 1            | 40               | 1              | 40               | 45 FEDERAL #1          | HIPERMART LOPEZ MATEO    | HBW          | 16380       | 15789            | 1053-9         | 184-2       |                  |
| 71               | 14102          | 3           | 2           | 2            | 2                | 2              | 2                | 5 EMILIO CARPANZA      | INIEJA Y CONSTITUCION    | NHB          | 15789       | 13957            | 1063-3         | 053-9       |                  |
| 71               | 14102          | 4           | 20          | 2            | 20               | 2              | 20               | 25 COL DEL VALLE       | VICENTE GIO PERU         | NHB          | 13680       | 12203            | 1063-2         | 061-3       |                  |
| 71               | 14102          | 5           | 35          | 3            | 0                | 9              | 9                | 35 CASA                | LOPEZ MATEO Y PANAMERICA | HBW          | 12203       | 14102            | 31384-9        | 384-9       |                  |
| 71               | 14102          | 6           | 30          | 9            | 0                | 9              | 9                | 0 TRABAJO              | CRUZIERO Y PANAMERICA    | HBW          | 4009        | 14102            | 1184-2         | 184-2       |                  |
| 71               | 14102          | 7           | 7           | 0            | 7                | 12             | 12               | 0 CASA                 | HIPERMART LOPEZ MATEO    | HBSCCHOOL    | 16380       | 16224            | 1204-1         | 0454        |                  |
| 72               | 16224          | 1           | 7           | 0            | 10               | 12             | 12               | 30 ITCTJ               | CRUCERO COMERCIAL TEC    | HBSCCHOOL    | 16380       | 16224            | 10454-4        | 204-1       |                  |
| 72               | 16224          | 2           | 40          | 1            | 12               | 12             | 12               | 10 CASA                | LINCOLN Y ZEMPOALA       | NHB          | 16380       | 16224            | 10454-4        | 204-1       |                  |
| 72               | 16224          | 3           | 15          | 1            | 15               | 1              | 15               | 25 SIST. DE BATERIAS   | PROL HESCOBAR Y P.R.     | HBOOTHER     | 16224       | 16828            | 1324-7         | 045-4       |                  |
| 72               | 16224          | 4           | 35          | 1            | 35               | 5              | 35               | 0 CASA                 | LINCOLN Y ZEMPOALA       | NHB          | 16224       | 16224            | 31384-7        | 324-7       |                  |
| 72               | 16224          | 5           | 0           | 6            | 0                | 7              | 0                | 0 ITCTJ                | CRUCERO COMERCIAL Y T    | HBSCCHOOL    | 16224       | 16380            | 1204-1         | 045-4       |                  |
| 72               | 16224          | 6           | 7           | 20           | 7                | 20             | 7                | 0 CASA                 | LINCOLN Y ZEMPOALA       | NHB          | 16380       | 16224            | 10454-4        | 204-1       |                  |
| 73               | 16163          | 1           | 8           | 40           | 9                | 0              | 11               | 0 ITCTJ                | CRUCERO COMERCIAL Y T    | HBSCCHOOL    | 16163       | 16757            | 1204-1         | 384-3       |                  |
| 73               | 16163          | 2           | 11          | 10           | 11               | 0              | 11               | 15 CASA                | CARR JUAREZ PORVENIR     | NHB          | 16757       | 15052            | 1204-1         | 324-7       |                  |
| 73               | 16163          | 3           | 11          | 10           | 11               | 2              | 2                | 15 CASA                | ARISTOTELLES #304 COL    | HBOOTHER     | 15052       | 16130            | 1346-3         | 204-1       |                  |
| 73               | 16163          | 4           | 18          | 2            | 18               | 4              | 4                | 30 CASA                | P.E. CALLES Y PITAGOR    | NHB          | 16147       | 16463            | 347-3          | 347-3       |                  |
| 73               | 16163          | 5           | 0           | 5            | 0                | 6              | 0                | 0 ITCTJ                | CRUCERO COMERCIAL Y T    | NHB          | 16147       | 16380            | 1204-1         | 347-3       |                  |
| 73               | 16163          | 6           | 10          | 6            | 10               | 7              | 8                | 30 MC DONALDS          | PARQUE INDUSTRIAL J      | NHB          | 16380       | 18290            | 1200-3         | 204-1       |                  |
| 73               | 16163          | 7           | 7           | 7            | 7                | 8              | 8                | 30 MC DONALDS          | LOPEZ MATEOS P.T.D       | NHB          | 16380       | 18290            | 1204-1         | 347-3       |                  |
| 73               | 16163          | 8           | 35          | 9            | 35               | 9              | 8                | 35 MC DONALDS          | P.E. CALLES Y PITAGOR    | NHB          | 16147       | 16110            | 1045-9         | 347-8       |                  |
| 73               | 16163          | 9           | 9           | 20           | 10               | 10             | 10               | 15 CASA                | ARISTOTELLES #304 COL    | HBOOTHER     | 16147       | 16147            | 1347-8         | 046-9       |                  |
| 74               | 16284          | 1           | 8           | 0            | 8                | 15             | 15               | 15 CASA                | AVE TECNOLOGICO Y AVE    | HBSCCHOOL    | 16284       | 16373            | 1273-2         | 324-7       |                  |
| 74               | 16284          | 2           | 12          | 5            | 12               | 2              | 2                | 30 CASA                | LOPEZ MATEOS Y PRONAF    | NHB          | 16121       | 16120            | 1045-9         | 046-9       |                  |
| 74               | 16284          | 3           | 12          | 5            | 12               | 3              | 3                | 30 CASA                | P.E. CALLES Y H. ESCO    | HBOOTHER     | 16120       | 16219            | 1324-7         | 046-9       |                  |
| 74               | 16284          | 4           | 2           | 2            | 3                | 0              | 3                | 0 CANAL 44             | CARR JUAREZ PORVENIR     | NHB          | 16219       | 16279            | 1324-7         | 046-9       |                  |
| 74               | 16284          | 5           | 6           | 15           | 7                | 7              | 7                | 0 HIPERMART            | LOPEZ MATEOS Y C. CAS    | NHB          | 18113       | 13950            | 1384-9         | 324-3       |                  |
| 74               | 16284          | 6           | 7           | 20           | 8                | 30             | 8                | 0 CON UN AMIGO         | AVE AMERICAS Y PEDRO     | NHB          | 13950       | 16054            | 1346-3         | 384-9       |                  |
| 74               | 16284          | 7           | 8           | 40           | 12               | 5              | 12               | 0 CASA                 | LOPEZ MATEOS Y PRONAF    | NHB          | 16054       | 16121            | 1045-9         | 046-4       |                  |
| 74               | 16284          | 8           | 12          | 5            | 12               | 5              | 12               | 0 CASA                 | P.E. CALLES Y H. ESCO    | NHB          | 16284       | 16121            | 1324-7         | 046-9       |                  |
| 75               | 15556          | 3           | 30          | 9            | 30               | 9              | 9                | 30 AL HIPODROMO        | VICENTE GUERRERO         | HBSCCHOOL    | 15556       | 18412            | 13955-6        | 275-1       |                  |
| 75               | 15556          | 4           | 7           | 10           | 0                | 10             | 6                | 0 CANAL 44             | PRO CHUVISCAR #4460      | HBW          | 16397       | 15556            | 21275-1        | 050-5       |                  |
| 76               | 15561          | 1           | 11          | 0            | 11               | 10             | 1                | 0 CON UN AMIGO         | REFORMA VENTANAS HEDES   | NHB          | 15556       | 14690            | 1208-A         | 275-1       |                  |
| 76               | 15561          | 2           | 10          | 1            | 10               | 2              | 2                | 0 CCE                  | RIO CHUVISCAR #1360      | HBSCCHOOL    | 12169       | 15561            | 21275-6        | 070-2       |                  |
| 76               | 15561          | 3           | 15          | 7            | 15               | 7              | 7                | 0 CON UN AMIGO         | PLATANCO E. CALLES Y     | HBW          | 15561       | 16284            | 31324-7        | 072-6       |                  |
| 76               | 15561          | 4           | 5           | 30           | 7                | 30             | 7                | 0 CON UN AMIGO         | RIO CHUVISCAR #1360      | HBSCCHOOL    | 15561       | 15561            | 3137-6         | 324-7       |                  |
| 76               | 15561          | 5           | 7           | 45           | 7                | 45             | 7                | 0 CON UN AMIGO         | AVE TECNOLOGICO MANUE    | HBSCCHOOL    | 15561       | 16568            | 31267          | 073-6       |                  |
| 76               | 15561          | 6           | 1           | 15           | 2                | 15             | 2                | 0 CON UN AMIGO         | RIO CHUVISCAR #1360      | HBW          | 15561       | 15566            | 31275-1        | 267-1       |                  |
| 76               | 15561          | 7           | 15          | 2            | 15               | 2              | 2                | 0 CON UN AMIGO         | LOPEZ MATEOS Y TRIUNF    | NHB          | 15561       | 15761            | 1047-3         | 047-3       |                  |
| 76               | 15561          | 8           | 12          | 5            | 12               | 5              | 3                | 0 CON UN AMIGO         | RIO CHUVISCAR #340       | HBW          | 15761       | 15556            | 1275-1         | 047-3       |                  |
| 76               | 15561          | 9           | 12          | 5            | 12               | 6              | 3                | 0 CON UN AMIGO         | LOPEZ MATEOS Y TRIUNF    | NHB          | 15556       | 16110            | 1046-9         | 204-1       |                  |
| 76               | 15561          | 10          | 7           | 30           | 10               | 10             | 10               | 0 CON UN AMIGO         | VICENTE GUERRERO         | NHB          | 16110       | 18369            | 1200-3         | 046-9       |                  |
| 76               | 15561          | 11          | 7           | 30           | 10               | 10             | 10               | 0 CON UN AMIGO         | RIO CHUVISCAR #340       | NHB          | 18369       | 15556            | 1275-1         | 200-3       |                  |
| 76               | 15561          | 12          | 10          | 0            | 10               | 0              | 0                | 0 CON UN AMIGO         | PLAN DE AYALAY MONTE     | HBOOTHER     | 15373       | 15373            | 1047-3         | 047-3       |                  |
| 77               | 15556          | 1           | 7           | 45           | 7                | 45             | 7                | 0 CON UN AMIGO         | REFORMA VENTANAS HEDES   | NHB          | 15373       | 15167            | 21266-6        | 066-6       |                  |
| 77               | 15556          | 2           | 12          | 5            | 12               | 5              | 3                | 0 CON UN AMIGO         | RIO CHUVISCAR #340       | HBOOTHER     | 15167       | 15556            | 21275-1        | 388-0       |                  |
| 77               | 15556          | 3           | 12          | 5            | 12               | 6              | 3                | 0 CON UN AMIGO         | PLATANCO E. CALLES Y     | HBSCCHOOL    | 16380       | 15556            | 21204-1        | 204-1       |                  |
| 77               | 15556          | 4           | 7           | 30           | 10               | 10             | 10               | 0 CON UN AMIGO         | RIO CHUVISCAR #340       | NHB          | 15556       | 15349            | 21275-1        | 067-0       |                  |
| 77               | 15556          | 5           | 7           | 30           | 10               | 10             | 10               | 0 CON UN AMIGO         | INSURGENTES Y COSTA R    | NHB          | 15349       | 15404            | 1084-7         | 064-7       |                  |
| 77               | 15556          | 6           | 7           | 40           | 7                | 40             | 7                | 0 CON UN AMIGO         | PLAN DE AYALAY F. MA     | NHB          | 15404       | 15551            | 1084-7         | 064-7       |                  |
| 77               | 15556          | 7           | 15          | 0            | 15               | 0              | 0                | 0 CON UN AMIGO         | RIO CONCHOS #1150        | HBSCCHOOL    | 15551       | 15551            | 1057-9         | 064-7       |                  |

| Household Number | Household Trip Number | Origin Hour | Origin Minute | Arrival Hour | Arrival Minute | Departure Hour | Departure Minute | Destination Name       | Auditress                 | Destination | Origin Node | Destination Node | Trip Purpose | Origin | Desination | Vehicule Number | Destination | Origin AGEB |
|------------------|-----------------------|-------------|---------------|--------------|----------------|----------------|------------------|------------------------|---------------------------|-------------|-------------|------------------|--------------|--------|------------|-----------------|-------------|-------------|
| 79               | 15534                 | 1           | 7             | 45           | 7              | 50             | 7                | CON LA NOVIA           | RUBEN P. PAMPA #5400      | HBOOTHER    | 15534       | 14202            | 1            | 073-6  |            |                 |             |             |
| 79               | 15534                 | 2           | 8             | 55           | 9              | 55             | 9                | S.U.T.E.P.             | EL PASO, TX               | NHB         | 14202       | 993              | 1            | 371-1  | 073-6      |                 |             |             |
| 79               | 15534                 | 5           | 10            | 0            | 12             | 0              | 11               | 30 AL MERCADO          | MARISCAL Y VICENTE GU     | HBSHOP      | 1556        | 12467            | 2            | 100-5  | 532-8      |                 |             |             |
| 79               | 15534                 | 6           | 10            | 12           | 0              | 4              | 4                | O A CASA               | FCC ZARCO #4850           | HBSHOP      | 12467       | 15554            | 2            | 073-5  | 100-5      |                 |             |             |
| 79               | 15534                 | 7           | 12            | 4            | 20             | 8              | 0                | O NEGACIO              | CORRETERA CASAS GRAND     | HBW         | 15554       | 13919            | 1            | 367-5  | 073-6      |                 |             |             |
| 79               | 15534                 | 8           | 12            | 8            | 30             | 5              | 0                | O LA CASA              | FCC ZARCO #4850           | HBW         | 15554       | 18205            | 1            | 073-6  | 367-5      |                 |             |             |
| 80               | 1282                  | 1           | 7             | 50           | 0              | 5              | 0                | O RA                   | POREQUE IND. BERMUDEZ     | HBW         | 1282        | 15303            | 1            | 204-1  | 462-9      |                 |             |             |
| 80               | 1282                  | 2           | 7             | 50           | 5              | 30             | 7                | O CON UN AMIGO         | FUENTES DEL VALLE         | NHB         | 1282        | 15303            | 1            | 204-1  | 462-9      |                 |             |             |
| 80               | 1282                  | 3           | 7             | 15           | 15             | 15             | 7                | O LA CASA              | FCC ZARCO #4850           | HBSOCIAL    | 15030       | 15535            | 1            | 067-0  | 204-1      |                 |             |             |
| 81               | 15248                 | 1           | 7             | 30           | 7              | 45             | 7                | 50 ESTATAL 16          | LOPEZ MATEOS              | HBOOTHER    | 15248       | 13050            | 1            | 067-0  | 071-4      |                 |             |             |
| 81               | 15248                 | 2           | 8             | 10           | 1              | 20             | 8                | O LA CASA              | 21 DE MARZO #4675         | HBOOTHER    | 15248       | 15356            | 1            | 067-0  | 071-4      |                 |             |             |
| 81               | 15248                 | 3           | 12            | 40           | 2              | 40             | 2                | O ESTATAL 16           | LOPEZ MATEOS              | HBOOTHER    | 15248       | 15487            | 1            | 067-0  | 071-4      |                 |             |             |
| 81               | 15248                 | 4           | 12            | 8            | 30             | 5              | 0                | O LA CASA              | 21 DE MARZO #4675         | HBOOTHER    | 15248       | 15549            | 1            | 067-0  | 071-4      |                 |             |             |
| 82               | 15610                 | 3           | 15            | 8            | 15             | 8              | 0                | O AL GIMNASIO          | PLUTARCO E. CALLES Y      | HBSOCIAL    | 15610       | 14196            | 1            | 275-1  | 067-0      |                 |             |             |
| 82               | 15610                 | 4           | 15            | 9            | 15             | 9              | 0                | O FUTURAMA             | LOPEZ MATEOS Y. T. REP    | HBSOCIAL    | 15616       | 16143            | 1            | 047-3  | 275-1      |                 |             |             |
| 82               | 15610                 | 5           | 15            | 12           | 10             | 12             | 0                | O AL HOGAR             | RIO DANUBIO #1266         | HBSOCIAL    | 16143       | 15610            | 1            | 067-0  | 047-3      |                 |             |             |
| 83               | 15610                 | 3           | 15            | 2            | 15             | 7              | 30               | O LA CASA              | RIO DANUBIO #1223         | HBN         | 15549       | 15610            | 1            | 067-0  | 067-0      |                 |             |             |
| 83               | 15610                 | 4           | 15            | 7            | 50             | 8              | 30               | O VENECIA              | VENECIA E IGNACIO D       | HBN         | 15610       | 15795            | 1            | 064-7  | 067-0      |                 |             |             |
| 83               | 15610                 | 5           | 15            | 8            | 20             | 9              | 30               | O AL HOGAR             | RIO DANUBIO #1229         | HBN         | 15795       | 15625            | 1            | 067-0  | 064-7      |                 |             |             |
| 84               | 15610                 | 1           | 3             | 15           | 3              | 30             | 12               | O TRABAJO MOTORES EUE  | PARKER IND. JUAREZ        | HBN         | 15610       | 13325            | 1            | 134-9  | 067-0      |                 |             |             |
| 84               | 15610                 | 2           | 12            | 10           | 12             | 10             | 0                | O LA CASA              | RIO DANUBIO #1225         | HBN         | 15610       | 15349            | 1            | 067-0  | 134-9      |                 |             |             |
| 85               | 15536                 | 1           | 8             | 25           | 8              | 40             | 1                | O HOSPITAL GUERRICA    | HNGS ESCOBARY Y LOPEZ     | HBSOCIAL    | 15536       | 15242            | 1            | 041-6  | 067-0      |                 |             |             |
| 85               | 15536                 | 2           | 8             | 25           | 2              | 0              | 5                | O LA CASA              | PLAN DE GPE. #4479        | HBN         | 16242       | 15536            | 1            | 067-0  | 041-6      |                 |             |             |
| 85               | 15536                 | 3           | 8             | 20           | 5              | 20             | 8                | O HOSPITAL GUERRICA    | HNGS ESCOBARY Y LOPEZ     | HBN         | 16242       | 16285            | 1            | 132-4  | 067-0      |                 |             |             |
| 85               | 15536                 | 4           | 8             | 20           | 9              | 30             | 9                | O CON LA MAMA          | SALTILLO Y 18 DE MARZ     | NHB         | 16285       | 15336            | 1            | 064-7  | 132-4      |                 |             |             |
| 85               | 15536                 | 5           | 8             | 20           | 1              | 20             | 1                | O SANBORNS             | LOPEZ MATEOS Y. LDE       | HBSOCIAL    | 15336       | 15167            | 1            | 136-6  | 136-7      |                 |             |             |
| 85               | 15536                 | 6           | 8             | 20           | 1              | 30             | 2                | O INST. MEXICO         | PLAN DE GPE. #4479        | NHB         | 15167       | 14944            | 1            | 067-0  | 136-6      |                 |             |             |
| 86               | 15531                 | 3           | 8             | 0            | 8              | 40             | 1                | O LA CASA              | RIOJUAREZ Y. 16 DE SP     | HBSOCIAL    | 15535       | 12893            | 1            | 084-4  | 067-0      |                 |             |             |
| 86               | 15531                 | 4           | 8             | 25           | 8              | 40             | 1                | O LA CASA              | PLAN DE GPE. #4479        | HBSOCIAL    | 12893       | 15531            | 1            | 058-1  | 084-4      |                 |             |             |
| 87               | 15459                 | 1           | 10            | 0            | 10             | 10             | 1                | O AL HOGAR             | PLAN DE GPE. #4479        | HBN         | 15459       | 14779            | 1            | 274-7  | 041-6      |                 |             |             |
| 87               | 15459                 | 2           | 12            | 2            | 15             | 15             | 3                | O RESTAURANT           | AVDE LAS AMERICAS Y       | NHB         | 14779       | 15884            | 1            | 041-3  | 274-7      |                 |             |             |
| 87               | 15459                 | 7           | 12            | 11           | 20             | 1              | 0                | O SANBORNS             | SALTILLO Y 18 DE MARZ     | NHB         | 15884       | 15075            | 1            | 046-9  | 058-1      |                 |             |             |
| 87               | 15459                 | 8           | 12            | 11           | 20             | 10             | 12               | O INST. MEXICO         | LOPEZ MATEOS Y. LDE       | NHB         | 15075       | 15711            | 1            | 041-3  | 069-4      |                 |             |             |
| 87               | 15459                 | 9           | 12            | 12           | 40             | 1              | 1                | O LA CASA              | RIOJUAREZ Y. 16 DE SP     | HBSHOP      | 15711       | 13045            | 1            | 067-3  | 0204-1     |                 |             |             |
| 88               | 15859                 | 1           | 5             | 30           | 6              | 0              | 3                | O RICA                 | AVE. PORVENIR             | HBN         | 15839       | 18146            | 1            | 423-3  | 062-8      |                 |             |             |
| 88               | 15859                 | 2           | 5             | 30           | 6              | 0              | 3                | O RICA                 | HERMANOS ESCOBAR          | HBSHOP      | 15839       | 18146            | 1            | 055-8  | 028-3      |                 |             |             |
| 88               | 15859                 | 3           | 5             | 30           | 9              | 0              | 9                | O PRINCESS             | HNGS ESCOBAR              | HBSHOP      | 15839       | 15974            | 1            | 069-4  | 058-1      |                 |             |             |
| 88               | 15859                 | 4           | 5             | 30           | 9              | 0              | 9                | O PRINCESS             | LAS AMERICAS              | NHB         | 15974       | 13075            | 1            | 134-9  | 069-4      |                 |             |             |
| 88               | 15859                 | 5           | 5             | 30           | 11             | 11             | 12               | O FUTURAMA             | 16 DE SEPTIEMBRE          | HBSHOP      | 13075       | 16776            | 1            | 063-2  | 134-9      |                 |             |             |
| 89               | 15974                 | 3           | 12            | 40           | 1              | 12             | 1                | O CASA                 | 16 DE SEPTIEMBRE          | HBSCHOOL    | 15970       | 13070            | 1            | 063-2  | 134-9      |                 |             |             |
| 89               | 15974                 | 4           | 12            | 40           | 1              | 15             | 1                | O CASA                 | COUSTURERA                | HBSCHOOL    | 15970       | 15777            | 1            | 063-2  | 134-9      |                 |             |             |
| 90               | 15855                 | 3           | 12            | 40           | 1              | 15             | 4                | O CASA                 | PERU INSURGENTES          | HBSCHOOL    | 15855       | 13063            | 1            | 061-3  | 061-3      |                 |             |             |
| 90               | 15855                 | 4           | 12            | 40           | 1              | 15             | 5                | O CASA                 | 5 MAYO Y 16 DE SEPTIEMBRE | HBSCHOOL    | 15855       | 13209            | 1            | 061-3  | 061-3      |                 |             |             |
| 91               | 13160                 | 1           | 10            | 20           | 10             | 30             | 11               | O MEJIA                | VICENTE GUERRERO Y CO     | NHB         | 13160       | 13070            | 1            | 061-3  | 061-3      |                 |             |             |
| 91               | 13160                 | 2           | 11            | 55           | 11             | 55             | 1                | O MEJIA                | TLAXCALA                  | NHB         | 13070       | 15877            | 1            | 055-3  | 061-3      |                 |             |             |
| 91               | 13160                 | 3           | 11            | 55           | 12             | 25             | 1                | O EMILIO COLLONIA      | MEJIA                     | NHB         | 15877       | 15976            | 1            | 061-3  | 061-3      |                 |             |             |
| 91               | 13160                 | 4           | 11            | 55           | 12             | 30             | 4                | O MI CASA              | TLAXCALA                  | NHB         | 15976       | 13070            | 1            | 055-3  | 061-3      |                 |             |             |
| 92               | 0                     | 2           | 20            | 6            | 20             | 6              | 0                | O ADIANA FRONTERIZA    | RIVERENO                  | NHB         | 13070       | 12843            | 1            | 061-3  | 061-3      |                 |             |             |
| 92               | 0                     | 3           | 20            | 6            | 20             | 6              | 1                | O ADIANA FRONTERIZA    | 5 MAYO Y 16 DE SEPTIEMBRE | NHB         | 12843       | 13209            | 1            | 061-3  | 061-3      |                 |             |             |
| 92               | 0                     | 4           | 20            | 6            | 20             | 6              | 1                | O ADIANA FRONTERIZA    | VICENTE GUERRERO Y CO     | NHB         | 13209       | 13072            | 1            | 061-3  | 061-3      |                 |             |             |
| 94               | 15787                 | 1           | 10            | 0            | 10             | 20             | 11               | O MEJIA                | TLAXCALA                  | NHB         | 15787       | 15877            | 1            | 049-2  | 056-2      |                 |             |             |
| 94               | 15787                 | 2           | 10            | 0            | 10             | 20             | 11               | O MEJIA                | TLAXCALA                  | NHB         | 15877       | 15976            | 1            | 049-2  | 056-2      |                 |             |             |
| 94               | 15787                 | 3           | 10            | 45           | 11             | 40             | 1                | O MEJIA                | TLAXCALA                  | NHB         | 15976       | 13070            | 1            | 061-3  | 061-3      |                 |             |             |
| 95               | 13011                 | 1           | 7             | 30           | 7              | 45             | 1                | O ADUANA FRONTERIZA    | RIVERENO                  | NHB         | 13070       | 12843            | 1            | 061-3  | 061-3      |                 |             |             |
| 95               | 13011                 | 2           | 7             | 30           | 7              | 45             | 1                | O ADUANA FRONTERIZA    | 5 MAYO Y 16 DE SEPTIEMBRE | NHB         | 12843       | 13209            | 1            | 061-3  | 061-3      |                 |             |             |
| 95               | 13011                 | 3           | 7             | 30           | 7              | 45             | 1                | O ADUANA FRONTERIZA    | VICENTE GUERRERO Y CO     | NHB         | 13209       | 13072            | 1            | 061-3  | 061-3      |                 |             |             |
| 95               | 13011                 | 4           | 7             | 30           | 7              | 45             | 1                | O ADUANA FRONTERIZA    | TLAXCALA                  | NHB         | 13072       | 12843            | 1            | 061-3  | 061-3      |                 |             |             |
| 96               | 15981                 | 6           | 15            | 10           | 30             | 10             | 7                | O HOGAR                | CHAPULTEPEC #33 (16 DE    | NHB         | 15981       | 13137            | 1            | 063-5  | 064-9      |                 |             |             |
| 96               | 15981                 | 7           | 15            | 10           | 30             | 10             | 7                | O HOGAR                | CHAPULTEPEC #33 (16 DE    | NHB         | 13137       | 12843            | 1            | 063-5  | 064-9      |                 |             |             |
| 96               | 15981                 | 8           | 15            | 10           | 30             | 10             | 7                | O HOGAR                | CHAPULTEPEC #33 (16 DE    | NHB         | 12843       | 13137            | 1            | 063-5  | 064-9      |                 |             |             |
| 96               | 15981                 | 9           | 15            | 10           | 30             | 10             | 7                | O HOGAR                | CHAPULTEPEC #33 (16 DE    | NHB         | 13137       | 15981            | 1            | 063-5  | 064-9      |                 |             |             |
| 97               | 13237                 | 2           | 20            | 6            | 20             | 6              | 2                | O CORILLERA DE LOS AND | CHAPULTEPEC #33 (16 DE    | NHB         | 13237       | 14883            | 1            | 063-5  | 064-9      |                 |             |             |
| 97               | 13237                 | 3           | 20            | 6            | 20             | 6              | 2                | O CORILLERA DE LOS AND | CHAPULTEPEC #33 (16 DE    | NHB         | 14883       | 14830            | 1            | 063-5  | 064-9      |                 |             |             |
| 98               | 15801                 | 1           | 8             | 47           | 8              | 55             | 11               | O CORILLERA DE LOS AND | CHAPULTEPEC #33 (16 DE    | NHB         | 15801       | 15801            | 1            | 063-5  | 064-9      |                 |             |             |
| 98               | 15801                 | 2           | 8             | 47           | 8              | 55             | 12               | O CORILLERA DE LOS AND | CHAPULTEPEC #33 (16 DE    | NHB         | 15801       | 15841            | 1            | 063-5  | 064-9      |                 |             |             |
| 98               | 15801                 | 3           | 8             | 47           | 8              | 55             | 12               | O CORILLERA DE LOS AND | CHAPULTEPEC #33 (16 DE    | NHB         | 15841       | 14779            | 1            | 063-5  | 064-9      |                 |             |             |
| 98               | 15801                 | 4           | 8             | 47           | 8              | 55             | 12               | O CORILLERA DE LOS AND | CHAPULTEPEC #33 (16 DE    | NHB         | 14779       | 14883            | 1            | 063-5  | 064-9      |                 |             |             |
| 98               | 15801                 | 5           | 8             | 47           | 8              | 55             | 12               | O CORILLERA DE LOS AND | CHAPULTEPEC #33 (16 DE    | NHB         | 14883       | 15801            | 1            | 063-5  | 064-9      |                 |             |             |
| 98               | 15801                 | 6           | 8             | 47           | 8              | 55             | 12               | O CORILLERA DE LOS AND | CHAPULTEPEC #33 (16 DE    | NHB         | 15801       | 15841            | 1            | 063-5  | 064-9      |                 |             |             |
| 98               | 15801                 | 7           | 8             | 47           | 8              | 55             | 12               | O CORILLERA DE LOS AND | CHAPULTEPEC #33 (16 DE    | NHB         | 15841       | 14779            | 1            | 063-5  | 064-9      |                 |             |             |
| 98               | 15801                 | 8           | 8             | 47           | 8              | 55             | 12               | O CORILLERA DE LOS AND | CHAPULTEPEC #33 (16 DE    | NHB         | 14779       | 14883            | 1            | 063-5  | 064-9      |                 |             |             |
| 98               | 15801                 | 9           | 8             | 47           | 8              | 55             | 12               | O CORILLERA DE LOS AND | CHAPULTEPEC #33 (16 DE    | NHB         | 14883       | 15801            | 1            | 063-5  | 064-9      |                 |             |             |
| 98               | 15801                 | 1           | 7             | 30           | 7              | 0              | 0                | O CORILLERA DE LOS AND | CHAPULTEPEC #33 (16 DE    | NHB         | 15801       | 15841            | 1            | 063-5  | 064-9      |                 |             |             |
| 98               | 15801                 | 2           | 7             | 30           | 7              | 0              | 0                | O CORILLERA DE LOS AND | CHAPULTEPEC #33 (16 DE    | NHB         | 15841       | 14779            | 1            | 063-5  | 064-9      |                 |             |             |
| 98               | 15801                 | 3           | 7             | 30           | 7              | 0              | 0                | O CORILLERA DE LOS AND | CHAPULTEPEC #33 (16 DE    | NHB         | 14779       | 14883            | 1            | 063-5  | 064-9      |                 |             |             |
| 98               | 15801                 | 4           | 7             | 30           | 7              | 0              | 0                | O CORILLERA DE LOS AND | CHAPULTEPEC #33 (16 DE    | NHB         | 14883       | 15801            | 1            | 063-5  | 064-9      |                 |             |             |
| 98               | 15801                 | 5           | 7             | 30           | 7              | 0              | 0                | O CORILLERA DE LOS AND | CHAPULTEPEC #33 (16 DE    | NHB         | 15801       | 15841            | 1            | 063-5  | 064-9      |                 |             |             |
| 98               | 15801                 | 6           | 7             | 30           | 7              | 0              | 0                | O CORILLERA DE LOS AND | CHAPULTEPEC #33 (16 DE    | NHB         | 15841       | 14779            | 1            | 063-5  | 064-9      |                 |             |             |
| 98               | 15801                 | 7           | 7             | 30           | 7              | 0              | 0                | O CORILLERA DE LOS AND | CHAPULTEPEC #33 (16 DE    | NHB         | 14779       | 14883            | 1            | 063-5  | 064-9      |                 |             |             |
| 98               | 15801                 | 8           | 7             | 30           | 7              | 0              | 0                | O CORILLERA DE LOS AND | CHAPULTEPEC #33 (16 DE    | NHB         | 14883       | 15801            | 1            | 06     |            |                 |             |             |

| Household Number | Household Node | Trip Number | Origin | Origin Hour | Origin Minute | Arrival Hour | Arrival Minute | Departure Hour | Departure Minute | Destination Name         | Address                | Purpose   | Origin Node | Destination Node | Vehicle Number | Destination | Origin AGEB | Destination AGEB |
|------------------|----------------|-------------|--------|-------------|---------------|--------------|----------------|----------------|------------------|--------------------------|------------------------|-----------|-------------|------------------|----------------|-------------|-------------|------------------|
| 103              | 13153          | 1           |        | 10          | 0             | 5            | 30             | 7              | 50               | O DHL                    | CALLE DEL PASEO        | HBW       | 13153       | 18459            | 314207         | 083-S       | 083-S       |                  |
| 103              | 13153          | 2           |        |             |               | 8            |                | 50             | 8                | O HIPERMART              | FASECO TRIUNFO D LA RE | NHB       | 18459       | 16557            | 31049-2        | 420-7       | 048-7       |                  |
| 103              | 13153          | 3           |        |             |               | 9            |                | 9              | 9                | O MIGUEL NOVO            | TAQUITALPA             | NHB       | 16557       | 14843            | 31247          | 205-6       | 048-7       |                  |
| 103              | 13153          | 4           |        |             |               | 9            |                | 9              | 9                | O COBACH                 | XICOTENCATE SIN        | HBSCCHOOL | 14843       | 14779            | 31247          | 205-6       | 048-7       |                  |
| 104              | 11595          | 1           |        | 7           | 30            | 7            |                | 55             | 2                | O COLEGIO DE BACHILLE    | CENTRO DE LENGUAS      | HBSCCHOOL | 11595       | 15944            | 14779          | 31247       | 205-6       |                  |
| 104              | 11595          | 2           |        |             |               | 3            | 0              | 4              |                  | O ANILLO ENVOLVENTE DEL  | JUAN MATA ORTIZ        | NHB       | 15944       | 15944            | 11046-9        | 121-7       | 048-9       |                  |
| 104              | 11595          | 3           |        |             |               | 4            | 10             | 0              | 10               | O MI CASA                | PLOMO                  | NHB       | 15944       | 11595            | 11121-7        | 121-7       | 048-9       |                  |
| 104              | 11595          | 4           |        |             |               | 10           | 0              | 0              | 5                | O CASA DE MI NOVIA       | CALLE EL PASEO         | NHB       | 11595       | 11591            | 11119-A        | 121-7       | 048-8       |                  |
| 105              | 16420          | 1           |        | 4           | 40            | 5            | 0              | 5              | 15               | O DHL                    | CASA DE AMIGO          | NHB       | 16420       | 18459            | 11290-7        | 048-8       | 048-8       |                  |
| 105              | 16420          | 2           |        |             |               | 7            | 0              | 9              | 0                | O CASA DE LA RAZA        | PRIV. DE GUADALUPE NO  | NHB       | 18459       | 15745            | 15269          | 13351-4     | 048-8       |                  |
| 105              | 16420          | 3           |        |             |               | 8            | 0              | 10             | 0                | O A MITIA                | AEROPUERTO             | NHB       | 15745       | 15639            | 11251-8        | 121-7       | 048-8       |                  |
| 105              | 16420          | 4           |        |             |               | 11           | 0              | 12             | 0                | O DESPEDIR BY FRIEND     | AVE DE LA RAZA Y ADOL  | NHB       | 15639       | 15720            | 15607          | 1058-1      | 058-1       |                  |
| 106              | 15607          | 1           |        | 7           | 50            | 8            |                | 8              | 1                | O 30 SYLVIA'S HOTEL      | RIO FLORIDA #4710      | NHB       | 15607       | 15720            | 15607          | 1058-1      | 058-1       |                  |
| 106              | 15607          | 2           |        |             |               | 4            | 1              | 1              | 1                | O MI CASA                | AVE DE LA RAZA Y ADOL  | NHB       | 15607       | 15720            | 15607          | 1058-1      | 058-1       |                  |
| 106              | 15607          | 3           |        |             |               | 3            | 1              | 1              | 1                | O SYLVIA'S HOTEL         | AVE DE LA RAZA Y ADOL  | NHB       | 15607       | 15720            | 15607          | 1058-1      | 058-1       |                  |
| 106              | 15607          | 4           |        |             |               | 20           | 4              | 6              |                  | O AEROPUERTO             | ADOLFO DE LA HUERTA    | HBW       | 16407       | 15720            | 11038-1        | 1273-2      | 058-1       |                  |
| 107              | 16407          | 1           |        | 7           | 45            | 8            | 0              | 1              | 2                | O 2 SILVIAS HOTEL        | AVE DE LA RAZA         | HBW       | 16407       | 15720            | 14830          | 1273-2      | 058-1       |                  |
| 107              | 16407          | 2           |        |             |               | 30           | 7              | 0              | 7                | O HOGAR                  | AVE TECNOLOGICO Y PED  | NHB       | 16407       | 15720            | 14830          | 1048-9      | 205-6       |                  |
| 107              | 16407          | 3           |        |             |               | 9            | 0              | 11             | 2                | O 30 BANANAS RAMAS       | MELIA Y PRONAF         | NHB       | 16407       | 15720            | 14830          | 1048-9      | 205-6       |                  |
| 108              | 16035          | 1           |        | 7           | 10            | 7            |                | 20             | 2                | O COBACH #5              | VALENTIN FUENTES Y PE  | HBSCCHOOL | 16035       | 14779            | 152420         | 1274-7      | 048-4       |                  |
| 108              | 16035          | 2           |        |             |               | 23           | 0              | 25             | 0                | O COBACH #5              | REPUBLICA DE CUBA #59  | HBSCCHOOL | 16035       | 14779            | 152420         | 1274-7      | 048-4       |                  |
| 108              | 13053          | 1           |        | 7           | 0             | 7            | 20             | 1              | 1                | O 30 BACHILLERES #5      | VALENTIN FUENTES Y PE  | HBSCCHOOL | 13053       | 14779            | 14830          | 1274-7      | 048-4       |                  |
| 108              | 13053          | 2           |        |             |               | 1            | 40             | 2              | 2                | O FUTURAMA TECNOLÓGIC    | AVE MAYO COYOACÁ       | NHB       | 13053       | 14830            | 13053          | 1205-6      | 205-6       |                  |
| 108              | 13053          | 3           |        |             |               | 2            | 25             | 1              | 1                | O 40 BACHILLERES #5      | FEDRO ROSALES Y VALEN  | HBSCCHOOL | 14779       | 14779            | 14779          | 1274-7      | 205-6       |                  |
| 110              | 14177          | 1           |        | 7           | 30            | 7            |                | 45             | 1                | O 40 BACHILLERES #5      | PLUTARCO CALLES Y      | NHB       | 14177       | 15934            | 142027         | 1274-7      | 205-6       |                  |
| 110              | 14177          | 2           |        |             |               | 2            | 30             | 30             | 4                | O 20 HOGAR               | PLUTARCO CALLES Y      | NHB       | 14177       | 15934            | 142027         | 1274-7      | 205-6       |                  |
| 110              | 14177          | 3           |        |             |               | 5            | 0              | 6              | 1                | O 50 COBACH #5           | VALENTIN FUENTES       | HBSCCHOOL | 13223       | 14779            | 14779          | 1274-7      | 205-6       |                  |
| 111              | 13223          | 1           |        | 7           | 35            | 8            | 0              | 1              | 1                | O 50 COBACH #5           | 5 DE MAYO COYOACÁ      | NHB       | 13223       | 14779            | 14778          | 1274-7      | 205-6       |                  |
| 111              | 13223          | 2           |        |             |               | 2            | 5              | 5              | 5                | O MI TRABAJO             | VALENTIN FUENTES       | HBW       | 14778       | 14780            | 14780          | 1274-7      | 205-6       |                  |
| 111              | 13223          | 3           |        |             |               | 6            | 0              | 9              | 9                | O MI CASA                | VALENTIN FUENTES       | HBW       | 14778       | 14780            | 14780          | 1274-7      | 205-6       |                  |
| 112              | 15848          | 1           |        | 7           | 40            | 8            | 0              | 1              | 1                | O ACB                    | HINOS ESCOBAR          | NHB       | 15848       | 15848            | 15848          | 1274-7      | 205-6       |                  |
| 112              | 15848          | 2           |        |             |               | 15           | 1              | 1              | 1                | O 50 LA RICA TORTA       | HINOS ESCOBAR          | NHB       | 15848       | 15848            | 15848          | 1274-7      | 205-6       |                  |
| 112              | 15848          | 3           |        |             |               | 2            | 0              | 5              | 5                | O 30 ACB                 | HINOS ESCOBAR          | NHB       | 15848       | 15848            | 15848          | 1274-7      | 205-6       |                  |
| 112              | 15848          | 4           |        |             |               | 6            | 45             | 15             | 1                | O MI CASA                | HINOS ESCOBAR          | NHB       | 15848       | 15846            | 15846          | 1274-7      | 205-6       |                  |
| 113              | 15234          | 1           |        | 9           | 0             | 9            | 20             | 12             | 12               | O AEROBICS "ESCOLTURA    | FEDRO ROSALES DE LEÓN  | HBSCCHOOL | 15234       | 14778            | 14778          | 1274-7      | 048-3       |                  |
| 113              | 15234          | 2           |        |             |               | 1            | 0              | 1              | 1                | O PERU E INSURGENTES     | PERU E INSURGENTES     | NHB       | 15234       | 14778            | 12268          | 1070-2      | 205-6       |                  |
| 113              | 15234          | 3           |        |             |               | 15           | 0              | 1              | 1                | O MONTEVIDEO CARR. JU    | MONTEVIDEO CARR. JU    | NHB       | 12209       | 14943            | 14943          | 1204-1      | 204-1       |                  |
| 113              | 15234          | 4           |        |             |               | 6            | 15             | 8              | 15               | O HAGIENDA "COUNTRY C"   | 8 DE MAYO #280         | HBSCCHOOL | 14843       | 15253            | 15253          | 1071-7      | 204-1       |                  |
| 113              | 15234          | 5           |        |             |               | 7            | 40             | 8              | 1                | O LINCOLN HINOS ESCOB    | LINCOLN HINOS ESCOB    | NHB       | 15263       | 16188            | 16188          | 1274-7      | 205-6       |                  |
| 113              | 15234          | 6           |        |             |               | 1            | 45             | 15             | 1                | O 45 HOGAR               | 8 DE MAYO #220         | HBW       | 16188       | 15258            | 15258          | 1274-7      | 205-6       |                  |
| 113              | 15234          | 7           |        |             |               | 2            | 0              | 7              | 0                | O 10 BANCO DE MEXICO     | LINCOLN HINOS ESCOB    | HBW       | 16188       | 16227            | 16227          | 1274-7      | 205-6       |                  |
| 113              | 15234          | 8           |        |             |               | 7            | 0              | 10             | 10               | O 50 MARISCOS DMAZATLÁN  | AVE DE LAS AMÉRICAS Y  | NHB       | 16188       | 15233            | 15233          | 1274-7      | 205-6       |                  |
| 114              | 15623          | 1           |        | 9           | 30            | 9            | 45             | 9              | 9                | O 50 HOGAR               | COSTA RICA #1575       | HBOTHER   | 15623       | 15336            | 15336          | 1274-7      | 205-6       |                  |
| 114              | 15623          | 2           |        |             |               | 10           | 0              | 12             | 0                | O AEROBICS "ESCOLTURAL   | FEDRO ROSALES DE LEÓN  | NHB       | 15623       | 14790            | 14790          | 1274-7      | 205-6       |                  |
| 114              | 15623          | 3           |        |             |               | 12           | 15             | 12             | 12               | O 20 HOGAR               | COSTA RICA #1575       | NHB       | 14790       | 15283            | 15283          | 1274-7      | 205-6       |                  |
| 114              | 15623          | 4           |        |             |               | 12           | 40             | 15             | 12               | O 45 ESCUELA JIC. LUIS C | NINOS HEROES Y PORIR   | NHB       | 15283       | 15310            | 15310          | 1048-6      | 205-6       |                  |
| 114              | 15623          | 5           |        |             |               | 9            | 0              | 6              | 6                | O 10 UTEP                | AVE UNIVERSIDAD Y MES  | NHB       | 15310       | 15373            | 9993           | 2371-1      | 068-6       |                  |
| 114              | 15623          | 6           |        |             |               | 7            | 0              | 8              | 8                | O 10 UTEP                | 8 DE MAYO #324         | HBSCCHOOL | 9993        | 15223            | 15223          | 204-9       | 351-4       |                  |
| 114              | 15623          | 7           |        |             |               | 1            | 0              | 5              | 5                | O 10 UTEP                | AVE UNIVERSIDAD Y MES  | HBW       | 15223       | 15195            | 9993           | 1371-1      | 071-7       |                  |
| 114              | 15623          | 8           |        |             |               | 6            | 30             | 9              | 9                | O 30 HOGAR               | E.J. DIEGUEZ #243      | HBW       | 9993        | 15195            | 15195          | 1071-7      | 37-1        |                  |
| 115              | 15195          | 1           |        | 7           | 0             | 7            | 0              | 15             | 2                | O 30 HOGAR               | AVE SANTOS DISCOTEQUE  | NHB       | 15195       | 15195            | 15195          | 1274-7      | 048-3       |                  |
| 115              | 15195          | 2           |        |             |               | 3            | 0              | 8              | 4                | O 10 HOGAR               | GEORGE DIETER Y REVIC  | HBW       | 15195       | 9985             | 9985           | 1071-7      | 048-3       |                  |
| 115              | 15195          | 3           |        |             |               | 5            | 45             | 15             | 1                | O 10 HOGAR               | E.J. DIEGUEZ #243      | HBW       | 15195       | 15195            | 15195          | 1274-7      | 048-3       |                  |
| 115              | 15195          | 4           |        |             |               | 1            | 0              | 8              | 8                | O 10 HOGAR               | 16 DE SEPTIEMBRE Y AV  | HBSCCHOOL | 15195       | 15884            | 15884          | 1047-3      | 067-0       |                  |
| 115              | 15195          | 5           |        |             |               | 1            | 7              | 0              | 8                | O 35 ESTADIO 20 DE NOVIE | PLAN DE GUADALUPE #29  | HBSCCHOOL | 15195       | 15884            | 15884          | 1047-3      | 067-0       |                  |
| 115              | 15195          | 6           |        |             |               | 1            | 15             | 2              | 0                | O 40 HOGAR               | MISMA ORIGINAL         | HBSCCHOOL | 15195       | 15884            | 15884          | 1047-3      | 067-0       |                  |
| 115              | 15195          | 7           |        |             |               | 1            | 15             | 7              | 0                | O 40 HOGAR               | AVE SANDERS EJERCITO   | HBSCCHOOL | 15195       | 15935            | 15935          | 1047-3      | 067-0       |                  |
| 115              | 15195          | 8           |        |             |               | 4            | 0              | 8              | 15               | O 40 HOGAR               | PLAN DE GUADALUPE #29  | HBSCCHOOL | 15195       | 1596             | 1596           | 1047-3      | 067-0       |                  |
| 115              | 15195          | 9           |        |             |               | 6            | 45             | 15             | 1                | O 40 HOGAR               | MONTENA ESCUELA #243   | HBSCCHOOL | 15195       | 15221            | 15221          | 1047-3      | 067-0       |                  |
| 115              | 15235          | 4           |        |             |               | 8            | 30             | 8              | 7                | O 40 GASOLINERA          | MONTENA ESCUELA #243   | HBSCCHOOL | 15235       | 15235            | 15235          | 1047-3      | 067-0       |                  |
| 115              | 15235          | 5           |        |             |               | 4            | 35             | 15             | 1                | O 40 HOGAR               | MONTENA ESCUELA #243   | HBSCCHOOL | 15235       | 15235            | 15235          | 1047-3      | 067-0       |                  |
| 115              | 15235          | 6           |        |             |               | 4            | 35             | 15             | 2                | O 40 HOGAR               | MONTENA ESCUELA #243   | HBSCCHOOL | 15235       | 15235            | 15235          | 1047-3      | 067-0       |                  |
| 115              | 15235          | 7           |        |             |               | 11           | 35             | 11             | 9                | O 30 HOGAR               | MONTENA ESCUELA #243   | HBSCCHOOL | 15235       | 15235            | 15235          | 1047-3      | 067-0       |                  |
| 115              | 15235          | 8           |        |             |               | 11           | 35             | 11             | 9                | O 30 HOGAR               | MONTENA ESCUELA #243   | HBSCCHOOL | 15235       | 15235            | 15235          | 1047-3      | 067-0       |                  |
| 115              | 15235          | 9           |        |             |               | 10           | 0              | 1              | 1                | O 30 HOGAR               | MONTENA ESCUELA #243   | HBSCCHOOL | 15235       | 15235            | 15235          | 1047-3      | 067-0       |                  |
| 116              | 15235          | 10          |        |             |               | 2            | 0              | 1              | 1                | O 30 HOGAR               | MONTENA ESCUELA #243   | HBSCCHOOL | 15235       | 15235            | 15235          | 1047-3      | 067-0       |                  |
| 116              | 15235          | 11          |        |             |               | 50           | 4              | 0              | 7                | O 15 TEMPLO              | 2 DE MARZO Y EFREN O   | HBSCCHOOL | 15235       | 15235            | 15235          | 1047-3      | 067-0       |                  |
| 116              | 15235          | 12          |        |             |               | 25           | 9              | 0              | 7                | O 15 TEMPLO              | FEBO ZARCO Y FEDO MON  | NHB       | 15235       | 15235            | 15235          | 1047-3      | 067-0       |                  |
| 116              | 15235          | 13          |        |             |               | 9            | 15             | 9              | 9                | O 15 TEMPLO              | SIMONA BARBAY LAGO D   | NHB       | 15235       | 15235            | 15235          | 1047-3      | 067-0       |                  |
| 116              | 15235          | 14          |        |             |               | 9            | 30             | 9              | 15               | O 30 LIUTEP              | JUAN ESCUELA #243      | HBOTHER   | 15235       | 15235            | 15235          | 1047-3      | 067-0       |                  |
| 116              | 15235          | 15          |        |             |               | 10           | 0              | 0              | 11               | O 30 LIUTEP              | JUAN ESCUELA #243      | HBSCCHOOL | 15235       | 9993             | 9993           | 1047-3      | 067-0       |                  |

| Household Number | Node  | Origin | Origin Hour | Arrival | Arrival Hour | Departure | Departure Minute | Destination Name     | Address                        | Destination Address       | Node  | Origin Node | Purpose | Destination Node | Vehicle Number | Destination | Origin |
|------------------|-------|--------|-------------|---------|--------------|-----------|------------------|----------------------|--------------------------------|---------------------------|-------|-------------|---------|------------------|----------------|-------------|--------|
|                  |       |        |             |         |              |           |                  |                      |                                |                           |       |             |         |                  |                |             |        |
| 119              | 12174 | 2      | 7           | 30      | 5            | 45        | 40               | HOGAR                | EJIDO #2348                    | HBSCHOOL                  | 9933  | 12174       | 10683   | 3771             | AGEB           |             |        |
| 119              | 12174 | 3      | 7           | 30      | 8            | 15        | 20               | 0 ESC. SEC. EST. #2  | AVENUE AYALAYA Y JUAN          | NHB                       | 15363 | 12195       | 20686   | 0863             |                |             |        |
| 119              | 12174 | 4      |             |         |              |           |                  | 20 CASA DE AMIGO     | PLAN DE AYALAYA Y JUAN         | NHB                       | 15363 | 12195       | 20686   | 0865             |                |             |        |
| 119              | 12174 | 5      |             |         |              |           |                  | 0 ESC. SEC. EST. #22 | PLAN DE AYALAYA Y JUAN         | NHB                       | 12195 | 15363       | 20686   | 0859             |                |             |        |
| 119              | 12174 | 6      |             |         |              |           |                  | HOGAR                | EJIDO #2848                    | HBSCHOOL                  | 12174 | 15363       | 20686   | 0665             |                |             |        |
| 120              | 15298 | 1      | 11          | 30      | 11           | 12        | 10               | 15                   | 0 ESC. SEC. EST. #2            | AVENUE INSURGENTES Y S.D. | NHB   | 15298       | 16380   | 12041            | 0651           |             |        |
| 120              | 15298 | 2      |             |         |              |           |                  | 20 CASA DE AMIGO     | FORFIRIO DIAZ #4239            | HBSCHOOL                  | 15298 | 15298       | 10655   | 2041             |                |             |        |
| 120              | 15298 | 3      |             |         |              |           |                  | 0 ARBOLEDA           | RANCHO AYAVE INSURGENTES Y AVE | NHB                       | 15298 | 15351       | 10647   | 0665             |                |             |        |
| 120              | 15298 | 4      |             |         |              |           |                  | HOGAR                | FORFIRIO DIAZ #4239            | HBSCHOOL                  | 15298 | 15351       | 12132   | 0647             |                |             |        |
| 120              | 15298 | 5      |             |         |              |           |                  | 0 CASA DE AMIGO      | AVE TECNOLOGICO Y GOMBO        | NHB                       | 15298 | 16367       | 10651   | 2732             |                |             |        |
| 121              | 15562 | 1      | 7           | 0       | 8            | 0         | 10               | 30 CASA DE AMIGO     | AVE JILOTEPEC Y GOMBO          | HBSCHOOL                  | 15362 | 17304       | 14422   | 0736             |                |             |        |
| 121              | 15562 | 2      |             |         |              |           |                  | HOGAR                | FECO ZARCO #3272               | HBSCHOOL                  | 15362 | 15603       | 10736   | 4442             |                |             |        |
| 121              | 15562 | 3      | 10          | 0       | 10           | 15        | 20               | 0 CASA DE AMIGO      | RUBEN POSADA POMPAY            | HBSCHOOL                  | 15362 | 14152       | 20736   | 0735             |                |             |        |
| 121              | 15562 | 4      |             |         |              |           |                  | HOGAR                | FECO ZARCO #3272               | HBSCHOOL                  | 15362 | 15603       | 20736   | 0735             |                |             |        |
| 121              | 15562 | 5      |             |         |              |           |                  | 0 CASA DE AMIGO      | COSTA RICA #1575               | NHB                       | 15362 | 15622       | 20847   | 0735             |                |             |        |
| 121              | 15562 | 6      |             |         |              |           |                  | HOGAR                | FECO ZARCO #3272               | HBSCHOOL                  | 15362 | 15622       | 20736   | 0647             |                |             |        |
| 122              | 15603 | 1      | 12          | 0       | 12           | 1         | 25               | 0 CASA DE AMIGO      | JOSE BORUNA AVE ANTONY         | HBSCHOOL                  | 15363 | 15789       | 15603   | 0659             |                |             |        |
| 122              | 15603 | 2      |             |         |              |           |                  | HOGAR                | PLAN DE GUADALUPE #29          | HBSCHOOL                  | 15363 | 16751       | 10674   | 0539             |                |             |        |
| 122              | 15603 | 5      |             |         |              |           |                  | HOGAR                | PLAN DE GUADALUPE #29          | HBOOTHER                  | 15363 | 15603       | 20670   | 3478             |                |             |        |
| 123              | 15531 | 1      | 7           | 0       | 8            | 15        | 20               | 0 CASA DE AMIGO      | AEROPUERTO                     | NHB                       | 15331 | 2408        | 12515   | 0561             |                |             |        |
| 123              | 15531 | 2      |             |         |              |           |                  | HOGAR                | SAN MARCOS                     | NHB                       | 15331 | 2408        | 12515   | 2516             |                |             |        |
| 123              | 15531 | 3      |             |         |              |           |                  | HOGAR                | LERDO                          | NHB                       | 15331 | 16674       | 12906   | 0844             |                |             |        |
| 123              | 15531 | 4      |             |         |              |           |                  | CANANAS              | 0 S. EL TREBOL                 | NHB                       | 12906 | 15368       | 20241   | 0844             |                |             |        |
| 124              | 15217 | 1      | 8           | 0       | 9            | 0         | 10               | 0 UTEP               | 0 S. EL TREBOL                 | HBSCHOOL                  | 15217 | 9933        | 13717   | 0717             |                |             |        |
| 124              | 15217 | 2      |             |         |              |           |                  | HOGAR                | INSURGENTES Y J. ESCU          | NHB                       | 9933  | 15454       | 0651    | 3771             |                |             |        |
| 124              | 15217 | 5      |             |         |              |           |                  | HOGAR                | VICENTE GUERRERO               | NHB                       | 15454 | 16359       | 10492   | 0558             |                |             |        |
| 124              | 15217 | 6      |             |         |              |           |                  | HOGAR                | 10 T. FRONTERA                 | NHB                       | 16359 | 16482       | 10483   | 0492             |                |             |        |
| 124              | 15217 | 7      |             |         |              |           |                  | HOGAR                | 0 CANANAS                      | NHB                       | 16462 | 16190       | 10469   | 0483             |                |             |        |
| 124              | 15217 | 8      |             |         |              |           |                  | HOGAR                | É. MONTEVIDEO CÉ               | NHB                       | 16190 | 15846       | 10468   | 0468             |                |             |        |
| 124              | 15217 | 9      |             |         |              |           |                  | HOGAR                | 20 T. EL DIAMANTE              | NHB                       | 15846 | 15857       | 13329   | 0558             |                |             |        |
| 124              | 15217 | 10     |             |         |              |           |                  | HOGAR                | 50 ALDISA                      | NHB                       | 15857 | 9088        | 11503   | 3529             |                |             |        |
| 124              | 15217 | 11     |             |         |              |           |                  | HOGAR                | 10 A.S. BRONCO                 | NHB                       | 15857 | 15367       | 10651   | 1503             |                |             |        |
| 124              | 15217 | 12     |             |         |              |           |                  | HOGAR                | 30 S. CONTINENTAL              | NHB                       | 15367 | 16448       | 10489   | 0651             |                |             |        |
| 124              | 15217 | 13     |             |         |              |           |                  | HOGAR                | 0 CARTA BLANCA                 | NHB                       | 16448 | 16190       | 10469   | 0483             |                |             |        |
| 124              | 15217 | 14     |             |         |              |           |                  | HOGAR                | 21 MARZO                       | NHB                       | 16190 | 15453       | 10651   | 0469             |                |             |        |
| 124              | 15217 | 15     |             |         |              |           |                  | HOGAR                | 0 S. EL TREBOL                 | NHB                       | 15453 | 16087       | 10454   | 0661             |                |             |        |
| 124              | 15217 | 18     |             |         |              |           |                  | HOGAR                | J. DE LA BARRERA               | NHB                       | 15225 | 15225       | 10717   | 0717             |                |             |        |
| 124              | 15217 | 19     |             |         |              |           |                  | HOGAR                | LINCOLN                        | NHB                       | 15225 | 16190       | 10469   | 0717             |                |             |        |
| 124              | 15217 | 20     |             |         |              |           |                  | HOGAR                | EJIDO #4115 LOS NOGA           | HBSCHOOL                  | 15225 | 15259       | 10666   | 0469             |                |             |        |
| 124              | 15615 | 1      | 8           | 30      | 9            | 0         | 10               | 0 CASA               | SIMONA BARBA                   | NHB                       | 15615 | 15600       | 10736   | 0581             |                |             |        |
| 125              | 15615 | 2      |             |         |              |           |                  | HOGAR                | EJIDO #415                     | NHB                       | 15600 | 15615       | 10581   | 0473             |                |             |        |
| 125              | 15615 | 5      |             |         |              |           |                  | HOGAR                | 0 CANANAS                      | NHB                       | 15615 | 18113       | 14283   | 0581             |                |             |        |
| 125              | 15615 | 6      |             |         |              |           |                  | HOGAR                | EJIDO #415                     | NHB                       | 18113 | 15615       | 10581   | 0473             |                |             |        |
| 127              | 15615 | 1      | 8           | 0       | 8            | 5         | 20               | 0 CASA               | EJIDO #16 DE SEPTIEMBRE        | NHB                       | 15615 | 15103       | 13880   | 0581             |                |             |        |
| 127              | 15615 | 2      |             |         |              |           |                  | HOGAR                | 0 CASA                         | NHB                       | 15615 | 15615       | 10581   | 0469             |                |             |        |
| 127              | 15615 | 3      |             |         |              |           |                  | HOGAR                | EJIDO #117                     | NHB                       | 15615 | 15907       | 10473   | 0581             |                |             |        |
| 127              | 15615 | 4      |             |         |              |           |                  | HOGAR                | EJIDO #115 CON MEJA            | NHB                       | 15907 | 12988       | 10581   | 0473             |                |             |        |
| 127              | 15615 | 5      |             |         |              |           |                  | HOGAR                | 0 CANANAS                      | NHB                       | 12988 | 18113       | 14283   | 0581             |                |             |        |
| 127              | 15615 | 6      |             |         |              |           |                  | HOGAR                | EJIDO #117                     | NHB                       | 18113 | 15615       | 10581   | 0473             |                |             |        |
| 128              | 15531 | 1      |             |         |              |           |                  | HOGAR                | 0 CANANAS                      | NHB                       | 15331 | 16225       | 12216   | 0483             |                |             |        |
| 128              | 15531 | 2      |             |         |              |           |                  | HOGAR                | CALLE DELICIAS #610            | NHB                       | 16225 | 2528        | 10454   | 0581             |                |             |        |
| 128              | 15531 | 3      |             |         |              |           |                  | HOGAR                | EJ. JUAN GABRIEL               | HBSCHOOL                  | 15531 | 12005       | 13658   | 0581             |                |             |        |
| 128              | 15531 | 4      |             |         |              |           |                  | HOGAR                | COLOMBIA #465                  | HBSCHOOL                  | 12005 | 12216       | 10702   | 2660             |                |             |        |
| 128              | 15531 | 5      |             |         |              |           |                  | HOGAR                | 0 CANANAS                      | NHB                       | 12216 | 16225       | 10454   | 0581             |                |             |        |
| 128              | 15531 | 6      |             |         |              |           |                  | HOGAR                | EJIDO #415 COL. LOS            | NHB                       | 16225 | 16225       | 10702   | 0483             |                |             |        |
| 128              | 15531 | 7      |             |         |              |           |                  | HOGAR                | 0 CANANAS                      | NHB                       | 16225 | 16225       | 10702   | 0483             |                |             |        |
| 128              | 15531 | 8      |             |         |              |           |                  | HOGAR                | EJIDO #415 COL. LOS            | NHB                       | 16225 | 16225       | 10702   | 0483             |                |             |        |
| 129              | 15548 | 1      | 1           | 30      | 9            | 15        | 20               | 0 CASA               | COLOMBIA #465                  | NHB                       | 16225 | 16225       | 10702   | 0483             |                |             |        |
| 129              | 15548 | 2      |             |         |              |           |                  | HOGAR                | PERU ENTRE O. BORJUN           | NHB                       | 16225 | 16225       | 10702   | 0483             |                |             |        |
| 129              | 15548 | 3      |             |         |              |           |                  | HOGAR                | COLEGIO TRINIDAD DEL A.R       | NHB                       | 16225 | 16225       | 10702   | 0483             |                |             |        |
| 129              | 15548 | 4      |             |         |              |           |                  | HOGAR                | AVANTAMIENTO Y SANDER          | NHB                       | 16225 | 16225       | 10702   | 0483             |                |             |        |
| 129              | 15548 | 5      |             |         |              |           |                  | HOGAR                | ED. ITCA #415 COL. LOS         | NHB                       | 16225 | 16225       | 10702   | 0483             |                |             |        |
| 129              | 15548 | 6      |             |         |              |           |                  | HOGAR                | ED. LINCOLN                    | NHB                       | 16225 | 16225       | 10702   | 0483             |                |             |        |
| 129              | 15548 | 7      |             |         |              |           |                  | HOGAR                | ED. LINCOLN                    | NHB                       | 16225 | 16225       | 10702   | 0483             |                |             |        |
| 130              | 15548 | 1      | 8           | 30      | 9            | 15        | 20               | 0 CASA               | ED. LINCOLN                    | NHB                       | 16225 | 16225       | 10702   | 0483             |                |             |        |
| 130              | 15548 | 2      |             |         |              |           |                  | HOGAR                | ED. LINCOLN                    | NHB                       | 16225 | 16225       | 10702   | 0483             |                |             |        |
| 130              | 15548 | 3      |             |         |              |           |                  | HOGAR                | ED. LINCOLN                    | NHB                       | 16225 | 16225       | 10702   | 0483             |                |             |        |
| 130              | 15548 | 4      |             |         |              |           |                  | HOGAR                | ED. LINCOLN                    | NHB                       | 16225 | 16225       | 10702   | 0483             |                |             |        |
| 130              | 15548 | 5      |             |         |              |           |                  | HOGAR                | ED. LINCOLN                    | NHB                       | 16225 | 16225       | 10702   | 0483             |                |             |        |
| 130              | 15548 | 6      |             |         |              |           |                  | HOGAR                | ED. LINCOLN                    | NHB                       | 16225 | 16225       | 10702   | 0483             |                |             |        |
| 130              | 15548 | 7      |             |         |              |           |                  | HOGAR                | ED. LINCOLN                    | NHB                       | 16225 | 16225       | 10702   | 0483             |                |             |        |
| 131              | 15548 | 1      | 11          | 30      | 9            | 15        | 20               | 0 CASA               | ED. LINCOLN                    | NHB                       | 16225 | 16225       | 10702   | 0483             |                |             |        |
| 131              | 15548 | 2      |             |         |              |           |                  | HOGAR                | ED. LINCOLN                    | NHB                       | 16225 | 16225       | 10702   | 0483             |                |             |        |
| 131              | 15548 | 3      |             |         |              |           |                  | HOGAR                | ED. LINCOLN                    | NHB                       | 16225 | 16225       | 10702   | 0483             |                |             |        |
| 131              | 15548 | 4      |             |         |              |           |                  | HOGAR                | ED. LINCOLN                    | NHB                       | 16225 | 16225       | 10702   | 0483             |                |             |        |
| 131              | 15548 | 5      |             |         |              |           |                  | HOGAR                | ED. LINCOLN                    | NHB                       | 16225 | 16225       | 10702   | 0483             |                |             |        |
| 131              | 15548 | 6      |             |         |              |           |                  | HOGAR                | ED. LINCOLN                    | NHB                       | 16225 | 16225       | 10702   | 0483             |                |             |        |
| 131              | 15548 | 7      |             |         |              |           |                  | HOGAR                | ED. LINCOLN                    | NHB                       | 16225 | 16225       | 10702   | 0483             |                |             |        |
| 132              | 14524 | 3      |             |         |              |           |                  | HOGAR                | ED. LINCOLN                    | NHB                       | 16225 | 16225       | 10702   | 0483             |                |             |        |
| 132              | 14524 | 4      |             |         |              |           |                  | HOGAR                | ED. LINCOLN                    | NHB                       | 16225 | 16225       | 10702   | 0483             |                |             |        |
| 132              | 14524 | 5      |             |         |              |           |                  | HOGAR                | ED. LINCOLN                    | NHB                       | 16225 | 16225       | 10702   | 0483             |                |             |        |
| 132              | 14524 | 6      |             |         |              |           |                  | HOGAR                | ED. LINCOLN                    | NHB                       | 16225 | 16225       | 10702   | 0483             |                |             |        |
| 132              | 14524 | 7      |             |         |              |           |                  | HOGAR                | ED. LINCOLN                    | NHB                       | 16225 | 16225       | 10702   | 0483             |                |             |        |
| 133              | 15548 | 1      | 11          | 30      | 9            | 15        | 20               | 0 CASA               | ED. LINCOLN                    | NHB                       | 16225 | 16225       | 10702   | 0483             |                |             |        |
| 133              | 15548 | 2      |             |         |              |           |                  | HOGAR                | ED. LINCOLN                    | NHB                       | 16225 | 16225       | 10702   | 0483             |                |             |        |
| 133              | 15548 | 3      |             |         |              |           |                  | HOGAR                | ED. LINCOLN                    | NHB                       | 16225 | 16225       | 10702   | 0483             |                |             |        |
| 133              | 15548 | 4      |             |         |              |           |                  | HOGAR                | ED. LINCOLN                    | NHB                       | 16225 | 16225       | 10702   | 0483             |                |             |        |
| 133              | 15548 | 5      |             |         |              |           | </td             |                      |                                |                           |       |             |         |                  |                |             |        |

| Household Number | Household Node | Trip Number | Origin Hour | Origin Minute | Arrival Hour | Arrival Minute | Departure Hour | Departure Minute | Name                   | Destination Address     |                       | Purpose | Origin Node | Destination Node | Vehicle Number | Destination | Origin AGEB | Destination AGEB |
|------------------|----------------|-------------|-------------|---------------|--------------|----------------|----------------|------------------|------------------------|-------------------------|-----------------------|---------|-------------|------------------|----------------|-------------|-------------|------------------|
|                  |                |             |             |               |              |                |                |                  |                        | Destination Name        | Address               |         |             |                  |                |             |             |                  |
| 133              | 14413          | 2           |             |               | 1            | 30             |                | 2                | 30 HOGAR               | PANCHO MIRADOR #998     | HBSCHOOL              | 16375   | 14413       | 14413            | 1              | 209-4       | 273-2       |                  |
| 135              | 14413          | 3           |             |               | 3            | 0              |                | 8                | 30 CASA DE CAMBIO MAJA | AV LOPEZ MATEOS Y PAS   | HBW                   | 16110   | 14413       | 16110            | 1              | 046-9       | 209-4       |                  |
| 135              | 14413          | 4           |             |               | 4            | 0              |                | 8                | 30 HOGAR               | PANCHO MIRADOR #996     | HBSCHOOL              | 16110   | 14413       | 16110            | 1              | 046-9       | 209-4       |                  |
| 136              | 16410          | 1           | 8           | 0             | 16           | 45             | 5              | 15               | 15 UTEP                | UNIVERSITY ROAD, UTEP   | HBSCHOOL              | 16410   | 9933        | 9933             | 1              | 371-1       | 049-9       |                  |
| 136              | 16410          | 2           |             |               | 6            | 0              |                | 8                | 0 ITCTJ                | JOSE ALIVIAR ALAMOS     | HBSCHOOL              | 9933    | 16410       | 16410            | 1              | 049-2       | 371-1       |                  |
| 137              | 4058           | 1           | 8           | 25            | 9            | 0              | 12             | 15               | 0 ITCTJ                | AV TECNOLOGICO          | HBSCHOOL              | 4058    | 16375       | 4058             | 1              | 1273-2      | 184-2       |                  |
| 137              | 4058           | 2           |             |               | 12           | 15             | 1              | 15               | 45 HOGAR               | COLINAS DE JUAREZ       | HBSCHOOL              | 16375   | 4058        | 4058             | 1              | 184-2       | 184-2       |                  |
| 138              | 16719          | 1           | 8           | 30            | 8            | 10             | 10             | 10               | 30 SOPADURAS DE JUAR   | AV. LEON Y MEXICO, F    | HBW                   | 16719   | 4156        | 4156             | 1              | 1178-7      | 536-1       |                  |
| 138              | 16719          | 2           |             |               | 10           | 45             | 2              | 10               | 0 ITCTJ                | AV TECNOLOGICO AYD      | NHB                   | 4156    | 16375       | 16375            | 1              | 1273-2      | 178-7       |                  |
| 138              | 16719          | 3           |             |               | 10           | 15             | 4              | 15               | 45 HOGAR               | VALLE DE ALIENDE, COL   | HBSCHOOL              | 16375   | 16719       | 16719            | 1              | 1565-1      | 273-2       |                  |
| 138              | 16719          | 4           |             |               | 12           | 55             | 9              | 15               | 0 ITCTJ                | AV TECNOLOGICO Y AVDS   | HBSCHOOL              | 16719   | 16375       | 16375            | 1              | 1273-2      | 536-1       |                  |
| 139              | 14021          | 1           | 9           | 0             | 16           | 10             | 2              | 10               | 0 ITCTJ                | AV TECNOLOGICO          | HBSCHOOL              | 14021   | 16375       | 14021            | 1              | 1273-2      | 277-0       |                  |
| 139              | 14021          | 2           |             |               | 15           | 7              | 7              | 30               | 30 HOGAR               | FCO LUIS URQUIZA 2559   | HBSCHOOL              | 14021   | 14021       | 14021            | 1              | 1277-0      | 277-0       |                  |
| 139              | 14021          | 3           |             |               | 10           | 0              |                | 10               | 0 ITCTJ                | REFORMA Y SANDERS       | HROTHER               | 14021   | 12012       | 12012            | 1              | 1277-0      | 366-0       |                  |
| 140              | 14442          | 1           | 8           | 30            | 8            | 45             | 12             | 15               | 15 HOGAR               | FCO LUIS URQUIZA 2559   | HBSCHOOL              | 14442   | 16375       | 16375            | 1              | 1273-2      | 208-4       |                  |
| 140              | 14442          | 2           |             |               | 12           | 30             | 30             | 30               | 45 HOGAR               | FUERTE SEÑOR 6604, COL  | HBSCHOOL              | 14442   | 16375       | 16375            | 1              | 1273-2      | 208-4       |                  |
| 140              | 14442          | 3           |             |               | 7            | 0              | 9              | 15               | 0 ITCTJ                | AV TECNOLOGICO          | HBSCHOOL              | 14442   | 16375       | 16375            | 1              | 1273-2      | 208-4       |                  |
| 140              | 14442          | 4           |             |               | 9            | 30             | 10             | 10               | 0 ITCTJ                | FUERTE SEÑOR 6604, COL  | HBSCHOOL              | 14442   | 16375       | 16375            | 1              | 1273-2      | 208-4       |                  |
| 141              | 14322          | 1           | 8           | 30            | 8            | 45             | 12             | 10               | 45 HOGAR               | AV TECNOLOGICO          | HBSCHOOL              | 14322   | 16375       | 16375            | 1              | 1431-5      | 273-2       |                  |
| 141              | 14322          | 2           |             |               | 8            | 30             | 9              | 15               | 0 ITCTJ                | CORDOBA DICKENZ 2911    | HBSCHOOL              | 14322   | 16375       | 16375            | 1              | 1273-2      | 431-5       |                  |
| 141              | 14322          | 3           |             |               | 4            | 15             | 9              | 0                | 9 HOGAR                | CARLOS DICKENZ 2911     | HBSCHOOL              | 14322   | 16375       | 16375            | 1              | 1431-5      | 273-2       |                  |
| 145              | 15489          | 1           | 9           | 0             | 9            | 5              | 9              | 10               | VIDEO DE LUXE          | INSURGENTES Y MERIDA    | HBSCHOOL              | 15489   | 15326       | 15326            | 1              | 070-2       | 067-0       |                  |
| 145              | 15489          | 2           |             |               | 9            | 30             | 15             | 2                | 30 CASA                | COLUMBIA 1/2 DE ABRIL   | HBSCHOOL              | 15489   | 15326       | 15326            | 1              | 067-0       | 070-2       |                  |
| 145              | 15489          | 3           |             |               | 2            | 35             | 2              | 40               | 0 ITCTJ                | TORTILLERA              | HBSHOP                | 15489   | 12152       | 12152            | 1              | 070-2       | 067-0       |                  |
| 145              | 15489          | 4           |             |               | 2            | 45             | 4              | 45               | 0 ITCTJ                | MERIDA 1020             | HBSHOP                | 15489   | 16375       | 16375            | 1              | 067-0       | 070-2       |                  |
| 145              | 15489          | 5           |             |               | 4            | 15             | 4              | 30               | 0 CANANAS              | AV LINCOLN              | HBW                   | 16110   | 15489       | 16110            | 1              | 067-0       | 067-0       |                  |
| 145              | 15489          | 6           |             |               | 4            | 45             | 6              | 30               | 0 CASA                 | MERIDA 1020             | HBW                   | 16110   | 15489       | 16110            | 1              | 067-0       | 067-0       |                  |
| 145              | 15489          | 7           |             |               | 6            | 40             | 6              | 45               | 0 ITCTJ                | FERRETERIA DEL NOR      | LOPEZ MATEOS Y SIMONA | 15489   | 15489       | 15489            | 1              | 067-0       | 067-0       |                  |
| 145              | 15489          | 8           |             |               | 7            | 45             | 7              | 45               | 0 ITCTJ                | CASA                    | PERU FRENTIC VICENTE  | 15489   | 15489       | 15489            | 1              | 067-0       | 072-1       |                  |
| 146              | 12200          | 1           | 9           | 15            | 9            | 18             | 9              | 18               | 0 ITCTJ                | 26 COLEGIO DEL VALLE    | PERU FRENTIC VICENTE  | 12200   | 12203       | 12203            | 1              | 1063-2      | 070-2       |                  |
| 146              | 12200          | 2           |             |               | 9            | 40             | 10             | 10               | 0 ITCTJ                | FUTURAMA RIO GDE        | LOPEZ MATEOS          | 12200   | 16110       | 16110            | 1              | 046-9       | 063-2       |                  |
| 146              | 12200          | 3           |             |               | 10           | 30             | 12             | 10               | 0 ITCTJ                | 10 CASA                 | URUGUAY               | 1515    | 11129       | 11129            | 1              | 063-2       | 046-9       |                  |
| 146              | 12200          | 4           |             |               | 1            | 45             | 2              | 0 ITCTJ          | 0 FEDERAL #1           | GIM. SUCIS Y AY 16 DE   | HBW                   | 11129   | 15759       | 15759            | 1              | 063-2       | 063-2       |                  |
| 146              | 12200          | 5           |             |               | 2            | 5              | 2              | 10               | 0 ITCTJ                | 10 COLEGIO DEL VALLE    | PERU VICENTE GUERRE   | 12203   | 15789       | 15789            | 1              | 063-2       | 063-2       |                  |
| 146              | 12200          | 6           |             |               | 2            | 15             | 6              | 15               | 0 ITCTJ                | AV LINCOLN              | NHB                   | 18290   | 11129       | 11129            | 1              | 063-2       | 063-2       |                  |
| 146              | 12200          | 7           |             |               | 6            | 10             | 2              | 20               | 0 ITCTJ                | 0 CANANAS               | AV LINCOLN 727        | 18290   | 18111       | 18111            | 1              | 046-9       | 063-2       |                  |
| 147              | 16133          | 1           | 6           | 45            | 7            | 50             | 8              | 8                | 30 CLUOCAMPPISTRE      | PITAGORAS               | HBSCHOOL              | 16133   | 16133       | 16133            | 1              | 1348-3      | 046-9       |                  |
| 147              | 16133          | 2           |             |               | 9            | 0              | 8              | 8                | 30 CLUOCAMPPISTRE      | CARRETERA PANAMERICANA  | NHB                   | 18290   | 16110       | 16110            | 1              | 200-3       | 346-3       |                  |
| 147              | 16133          | 3           |             |               | 10           | 30             | 12             | 10               | 0 ITCTJ                | 0 MUEBLES Y COLOCHONES. | NHB                   | 16110   | 12859       | 12859            | 1              | 1348-1      | 200-3       |                  |
| 148              | 16494          | 4           |             |               | 12           | 15             | 5              | 15               | 0 ITCTJ                | 0 MUEBLES Y COLOCHONES. | HBW                   | 16494   | 12899       | 12899            | 1              | 1348-4      | 084-4       |                  |
| 149              | 56555          | 1           | 6           | 0             | 6            | 30             | 3              | 20               | 30 VEFESA              | CARRETERA PANAMERICANA  | HBW                   | 56555   | 14686       | 14686            | 1              | 046-2       | 046-2       |                  |
| 149              | 56555          | 2           |             |               | 3            | 35             | 1              | 45               | 0 ITCTJ                | GPE BENITEZ 6834        | HBW                   | 14686   | 56555       | 56555            | 1              | 046-0       | 046-0       |                  |
| 149              | 56555          | 5           |             |               | 1            | 45             | 20             | 4                | 15 OPTRON DE MEXICO    | PARQUE INDUSTRIAL RI    | HBW                   | 12203   | 16375       | 16375            | 1              | 1234-2      | 046-0       |                  |
| 150              | 56559          | 1           | 6           | 0             | 6            | 45             | 4              | 45               | 0 ITCTJ                | HIEGRA 6948             | HBW                   | 56559   | 7772        | 56559            | 1              | 045-0       | 045-0       |                  |
| 150              | 56559          | 2           |             |               | 4            | 45             | 45             | 45               | 0 ITCTJ                | JILOTEPEC               | HBW                   | 7772    | 56559       | 56559            | 1              | 1234-2      | 045-0       |                  |
| 151              | 56559          | 1           | 8           | 15            | 8            | 30             | 4              | 30               | 30 IMSS #48            | HIEGRA 6958             | HBW                   | 7125    | 56559       | 56559            | 1              | 1227-2      | 045-0       |                  |
| 151              | 56559          | 2           |             |               | 4            | 40             | 40             | 40               | 30 ELAMEX              | PARQUE INDUSTRIAL BER   | HBW                   | 5675    | 18224       | 18224            | 1              | 1455-0      | 227-2       |                  |
| 152              | 56755          | 1           | 6           | 15            | 6            | 35             | 4              | 35               | 0 ITCTJ                | HERNANDEZ 9345          | HBW                   | 7125    | 5675        | 5675             | 1              | 1239-6      | 455-0       |                  |
| 152              | 56755          | 2           |             |               | 5            | 5              | 5              | 5                | 0 ITCTJ                | JILOTEPEC               | HBW                   | 18224   | 7772        | 5859             | 1              | 1455-0      | 234-2       |                  |
| 152              | 56755          | 3           |             |               | 6            | 30             | 5              | 40               | 40 FUTURAMA JILOTEPEC  | CARRETERA JILOTEPEC     | HBW                   | 5675    | 7772        | 5859             | 1              | 1455-0      | 234-2       |                  |
| 152              | 56755          | 4           |             |               | 6            | 0              | 0              | 30               | 0 ITCTJ                | HERNANDEZ 9345          | HBWSHOP               | 7290    | 5675        | 5675             | 1              | 1455-0      | 444-2       |                  |
| 153              | 56772          | 1           | 7           | 15            | 7            | 35             | 7              | 35               | 0 ITCTJ                | JAV TECNOLOGICO         | HBW                   | 5672    | 18380       | 18380            | 1              | 1455-0      | 455-0       |                  |
| 153              | 56772          | 2           |             |               | 8            | 0              | 5              | 15               | 0 ITCTJ                | JUAN FELIPE RICO 6954   | HBROTHER              | 18380   | 5672        | 5672             | 1              | 204-1       | 204-1       |                  |
| 154              | 56559          | 1           | 7           | 0             | 7            | 25             | 4              | 25               | 0 ITCTJ                | CARRETERA JUAREZ - PO   | HBSCHOOL              | 7077    | 16375       | 16375            | 1              | 1234-2      | 454-6       |                  |
| 154              | 56559          | 2           |             |               | 4            | 55             | 5              | 55               | 0 ITCTJ                | TONORIA ROJA 6945       | HBW                   | 18172   | 7077        | 5859             | 1              | 1454-6      | 273-2       |                  |
| 154              | 56559          | 3           |             |               | 5            | 30             | 6              | 30               | 0 ITCTJ                | HENEQUEN Y AV DEL LAS   | HBW                   | 7077    | 5859        | 5859             | 1              | 1454-6      | 212-6       |                  |
| 154              | 56559          | 4           |             |               | 6            | 30             | 1              | 35               | 0 ITCTJ                | TONORIA ROJA 6957       | HBW                   | 5859    | 7077        | 5859             | 1              | 1453-1      | 454-6       |                  |
| 155              | 56559          | 2           |             |               | 6            | 30             | 5              | 40               | 0 ITCTJ                | HENEQUEN Y AV DEL LAS   | HBW                   | 18224   | 5859        | 5859             | 1              | 1453-1      | 454-6       |                  |
| 155              | 56559          | 3           |             |               | 6            | 30             | 6              | 40               | 0 ITCTJ                | TONORIA ROJA 6957       | HBW                   | 7077    | 5859        | 5859             | 1              | 1453-1      | 454-6       |                  |
| 155              | 56559          | 4           |             |               | 6            | 30             | 5              | 40               | 0 ITCTJ                | HENEQUEN Y AV DEL LAS   | HBW                   | 18224   | 5859        | 5859             | 1              | 1453-1      | 454-6       |                  |
| 156              | 7077           | 3           |             |               | 11           | 15             | 0              | 5                | 0 ITCTJ                | TONORIA ROJA 6945       | HBW                   | 7077    | 5859        | 5859             | 1              | 1453-1      | 454-6       |                  |
| 156              | 7077           | 4           |             |               | 5            | 15             | 0              | 5                | 0 ITCTJ                | TONORIA ROJA 6957       | HBW                   | 7077    | 5859        | 5859             | 1              | 1453-1      | 454-6       |                  |
| 157              | 7077           | 3           |             |               | 5            | 15             | 0              | 5                | 0 ITCTJ                | TONORIA ROJA 6945       | HBW                   | 7077    | 5859        | 5859             | 1              | 1453-1      | 454-6       |                  |
| 157              | 7077           | 4           |             |               | 5            | 10             | 0              | 5                | 0 ITCTJ                | TONORIA ROJA 6957       | HBW                   | 7077    | 5859        | 5859             | 1              | 1453-1      | 454-6       |                  |
| 158              | 56755          | 1           | 8           | 30            | 9            | 30             | 5              | 45               | 0 ITCTJ                | CENTRO COM PLAZAENAC    | HBW                   | 5675    | 16110       | 16110            | 1              | 1455-0      | 444-2       |                  |
| 158              | 56755          | 2           |             |               | 6            | 0              | 0              | 40               | 0 ITCTJ                | HERNANADEZ 9350         | HBW                   | 5675    | 5675        | 5675             | 1              | 1455-0      | 444-2       |                  |
| 158              | 56755          | 3           |             |               | 6            | 30             | 0              | 40               | 0 ITCTJ                | HERNANADEZ 9350         | HBSOCIAL              | 4679    | 5672        | 5672             | 1              | 2164-2      | 2164-2      |                  |
| 159              | 56755          | 4           |             |               | 1            | 9              | 0              | 40               | 0 ITCTJ                | PARQUE IND RIO BRAVO    | HBW                   | 5672    | 18224       | 18224            | 1              | 2164-2      | 2164-2      |                  |

| Household Number | Household Trip Number | Origin Hour | Origin Minute | Arrival Hour | Arrival Minute | Departure Hour | Departure Minute | Destination Name       | Address               | Destination Node | Origin Node | Purpose | Destination | Vehicle Number | Origin AGEB | Destination AGEB |
|------------------|-----------------------|-------------|---------------|--------------|----------------|----------------|------------------|------------------------|-----------------------|------------------|-------------|---------|-------------|----------------|-------------|------------------|
| 159              | 5672                  | 2           | 8             | 30           | 9              | 0              | 2                | 15 HIpermart           | JF RICO 6756          | 18224            | 5672        | 1455-0  | 1459-2      | 269-5          | 269-5       |                  |
| 160              | 5676                  | 1           | 6             | 0            | 6              | 30             | 4                | 30 DELMEX S.A.         | 16 DE SEPT Y AV TECNO | HBW              | 5676        | 16784   | 1049-2      | 0455-0         | 0455-0      |                  |
| 161              | 5671                  | 1           | 6             | 0            | 6              | 30             | 4                | 30 DELMEX S.A.         | GFE BENITEZ 6341      | HBW              | 5676        | 16784   | 1049-2      | 0455-0         | 0455-0      |                  |
| 162              | 5161                  | 2           | 5             | 15           | 1              | 15             | 1                | 45 MCDONALDS           | PARQUE IND BERMUDEZ   | HBW              | 5671        | 18186   | 16784       | 1049-2         | 255-6       |                  |
| 163              | 5161                  | 3           | 10            | 0            | 6              | 0              | 6                | 0 SERFIN               | PT DE LA REPUBLICA Y  | NHB              | 18186       | 18186   | 16784       | 1049-2         | 255-6       |                  |
| 163              | 18813                 | 1           | 10            | 0            | 10             | 11             | 6                | 30 HIpermart           | 16 DE SEPT Y PERU     | NHB              | 13037       | 16110   | 16784       | 1049-2         | 0455-0      |                  |
| 163              | 18813                 | 2           | 10            | 0            | 10             | 11             | 6                | 30 CASA                | PASEO REAL 789 Y PE   | HBSHOP           | 16778       | 18313   | 16784       | 1049-2         | 200-3       |                  |
| 163              | 18813                 | 3           | 10            | 0            | 10             | 7              | 7                | 45 PARROQUIA SAGRADA F | CAMINO REAL 789 Y PE  | HBSHOP           | 16778       | 18313   | 16784       | 1049-2         | 0455-0      |                  |
| 163              | 18813                 | 4           | 7             | 0            | 9              | 0              | 2                | 0 CASA                 | AV DEL CHARRO         | IHOOTHER         | 18313       | 16521   | 16784       | 1049-2         | 200-3       |                  |
| 163              | 18813                 | 5           | 7             | 0            | 9              | 0              | 2                | 0 UTEP                 | CALLE UNIVERSIDAD EL  | HBSCCHOOL        | 18313       | 9933    | 18313       | 2 371-1        | 200-3       |                  |
| 163              | 18813                 | 6           | 9             | 30           | 9              | 30             | 11               | 0 CASA DEL NOVIO       | CAMINO REAL 789 Y PE  | HBSCCHOOL        | 9993        | 18313   | 18313       | 2 371-1        | 200-3       |                  |
| 164              | 18257                 | 1           | 9             | 30           | 9              | 37             | 11               | 0 CASA                 | PAISEO BUCANAN #6305  | HBSCICIAL        | 18257       | 15092   | 18257       | 1 274-7        | 269-6       |                  |
| 164              | 18257                 | 2           | 9             | 30           | 9              | 37             | 11               | 0 CASA                 | NIZA 1405             | HBSCICIAL        | 18257       | 18313   | 16521       | 1 269-6        | 269-6       |                  |
| 164              | 18257                 | 3           | 9             | 30           | 9              | 37             | 12               | 0 CASA AMIGA           | HERMONIOS ESCOBAR     | HBSCICIAL        | 18257       | 10947   | 18257       | 1 092-9        | 269-6       |                  |
| 164              | 18257                 | 4           | 9             | 30           | 9              | 37             | 12               | 0 LOTE DE CARROS       | VICENTE GUERRERO Y AM | NHB              | 10947       | 15419   | 18257       | 1 092-9        | 269-6       |                  |
| 164              | 18257                 | 5           | 9             | 30           | 9              | 37             | 12               | 0 CASA DE UN TIO       | COUNTRY RACKET        | NHB              | 18257       | 18156   | 18257       | 2 269-6        | 065-1       |                  |
| 164              | 18257                 | 8           | 9             | 30           | 9              | 37             | 12               | 0 CASA DE UN AMIGO     | GUATEMALA             | NHB              | 18257       | 13043   | 18257       | 2 428-3        | 065-1       |                  |
| 164              | 18257                 | 9           | 2             | 0            | 10             | 5              | 2                | 0 CASA DE UN AMIGO     | JIAXCALA              | NHB              | 18257       | 16830   | 18257       | 3 324-7        | 063-2       |                  |
| 164              | 18257                 | 10          | 7             | 0            | 10             | 5              | 7                | 0 CASA DE UN AMIGO     | CALLE DEL PARQUE HERM | NHB              | 18257       | 16830   | 18257       | 3 324-7        | 063-2       |                  |
| 164              | 18257                 | 11          | 7             | 0            | 10             | 10             | 10               | 30 HOTEL LUCERNA       | PASEO TRIUNFO DE LAR  | NHB              | 16037       | 16037   | 16037       | 3 503-1        | 052-4       |                  |
| 164              | 18257                 | 12          | 7             | 0            | 10             | 10             | 10               | 0 BENAVIDES REYES      | IGNACIO MIERIA        | NHB              | 6101        | 16944   | 16944       | 3 446-9        | 503-1       |                  |
| 165              | 18257                 | 1           | 7             | 20           | 7              | 30             | 7                | 40 TERESA DE AVILA     | PALESTINA             | HBSCCHOOL        | 18257       | 15912   | 18257       | 1 053-9        | 269-6       |                  |
| 166              | 18257                 | 2           | 9             | 0            | 9              | 0              | 8                | 0 CASA                 | NIZA 1343 COUNTRY RA  | HBSCCHOOL        | 18257       | 15812   | 18257       | 1 053-9        | 269-6       |                  |
| 167              | 18257                 | 1           | 9             | 0            | 9              | 0              | 8                | 0 BANCONER             | AV TECHNOLOGICO       | HBW              | 18257       | 14989   | 18257       | 1 269-6        | 063-9       |                  |
| 167              | 18257                 | 2           | 9             | 0            | 9              | 0              | 10               | 40 ACOSTA DOS          | JUAREZ PORVENIR       | NHB              | 14883       | 16586   | 18257       | 1 267          | 205-6       |                  |
| 167              | 18257                 | 3           | 9             | 0            | 9              | 10             | 10               | 30 HOTEL LUCERNA       | NIZA 1401 COUNTRY RA  | HBSHOP           | 16855       | 18257   | 18257       | 1 269-6        | 269-6       |                  |
| 167              | 18257                 | 4           | 9             | 0            | 9              | 10             | 10               | 0 CHAPINCO CO          | AV DEL CHARRO ENFER   | HBW              | 18257       | 16521   | 18257       | 1 269-6        | 269-6       |                  |
| 167              | 18257                 | 5           | 11            | 0            | 11             | 5              | 3                | 0 ITCL                 | AV TECHNOLOGICO       | NHB              | 18257       | 16575   | 18257       | 1 269-6        | 049-8       |                  |
| 167              | 18257                 | 6           | 11            | 0            | 11             | 5              | 3                | 0 ITCL                 | PARQUE INDUSTRIAL RIO | NHB              | 18257       | 16755   | 18257       | 2 204-1        | 049-8       |                  |
| 167              | 18257                 | 7           | 11            | 0            | 11             | 5              | 3                | 0 ITCL                 | NIZA 1401 COUNTRY RA  | HBW              | 16755       | 17779   | 18257       | 2 345-9        | 204-1       |                  |
| 167              | 18257                 | 8           | 11            | 0            | 11             | 5              | 3                | 0 ITCL                 | AV TECHNOLOGICO       | HBSCCHOOL        | 18257       | 16575   | 18257       | 2 345-9        | 204-1       |                  |
| 167              | 18257                 | 9           | 11            | 55           | 12             | 0              | 1                | 0 ITCL                 | NIZA 1401 COUNTRY RA  | HBSCCHOOL        | 16875       | 16575   | 18257       | 3 204-1        | 269-6       |                  |
| 167              | 18257                 | 10          | 11            | 55           | 12             | 0              | 1                | 50 CASA                | NIZA 1401 COUNTRY RA  | HBSCCHOOL        | 16875       | 18257   | 18257       | 3 204-1        | 269-6       |                  |
| 167              | 18257                 | 11          | 11            | 55           | 12             | 0              | 1                | 0 ITCL                 | AV TECHNOLOGICO       | HBSCCHOOL        | 18257       | 16575   | 18257       | 3 204-1        | 269-6       |                  |
| 167              | 18257                 | 12          | 11            | 55           | 12             | 0              | 1                | 0 ITCL                 | NIZA 1401 COUNTRY RA  | HBSCCHOOL        | 16875       | 18257   | 18257       | 3 204-1        | 269-6       |                  |
| 168              | 16725                 | 1           | 7             | 0            | 7              | 20             | 9                | 9 CASA                 | 16B DE SEPT L MATEO   | HBW              | 16725       | 16193   | 16725       | 1 046-9        | 535-1       |                  |
| 168              | 16725                 | 2           | 7             | 0            | 7              | 30             | 9                | 9 CASA                 | VALLE DE REYES Y V GU | HBW              | 16725       | 16103   | 16725       | 1 535-1        | 046-9       |                  |
| 168              | 16725                 | 3           | 7             | 0            | 7              | 30             | 9                | 9 CASA                 | E NACIONAL Y PANAM    | HBW              | 16725       | 16187   | 16725       | 1 535-1        | 046-9       |                  |
| 168              | 16725                 | 4           | 7             | 0            | 7              | 30             | 9                | 9 CASA                 | 16 SEPT L MATEOS      | NHB              | 14887       | 16143   | 16887       | 1 047-3        | 205-6       |                  |
| 168              | 16725                 | 5           | 10            | 45           | 11             | 0              | 3                | 0 ITCL                 | AV TECHNOLOGICO       | NHB              | 16143       | 16380   | 16143       | 2 204-1        | 047-3       |                  |
| 168              | 16725                 | 6           | 15            | 45           | 11             | 0              | 3                | 0 ITCL                 | GUERRERO Y T FDEZ     | HBSCCHOOL        | 16380       | 16111   | 16380       | 2 046-9        | 204-1       |                  |
| 168              | 16725                 | 7           | 15            | 45           | 11             | 0              | 3                | 0 ITCL                 | AV TECHNOLOGICO       | HBSCCHOOL        | 16380       | 16111   | 16380       | 2 046-9        | 204-1       |                  |
| 168              | 16725                 | 8           | 15            | 45           | 11             | 0              | 3                | 0 ITCL                 | V GUERRERO Y T FDEZ   | HBW              | 16380       | 16111   | 16380       | 2 046-9        | 204-1       |                  |
| 168              | 16725                 | 9           | 6             | 45           | 9              | 15             | 15               | 0 HOGAR                | TECNOLOGY AZCA        | HBSCCHOOL        | 16380       | 16111   | 16380       | 3 204-1        | 046-9       |                  |
| 168              | 16725                 | 10          | 6             | 45           | 9              | 15             | 15               | 0 HOGAR                | V GUERRERO Y T FDEZ   | HBSCCHOOL        | 16380       | 16111   | 16380       | 3 204-1        | 046-9       |                  |
| 168              | 16725                 | 11          | 6             | 45           | 9              | 15             | 15               | 0 HOGAR                | 16 SEPT L MATEOS      | HBW              | 16134       | 16134   | 16134       | 3 204-1        | 269-6       |                  |
| 168              | 16725                 | 12          | 6             | 45           | 9              | 15             | 15               | 0 HOGAR                | V GUERRERO Y T FDEZ   | HBW              | 16134       | 16134   | 16134       | 3 204-1        | 269-6       |                  |
| 168              | 16725                 | 13          | 8             | 20           | 8              | 25             | 1                | 30 KMNG                | T FDEZ                | HBW              | 16134       | 16382   | 16134       | 4 398-0        | 046-9       |                  |
| 168              | 16725                 | 14          | 8             | 20           | 8              | 25             | 1                | 30 KMNG                | HOGAR                 | HBW              | 18382       | 16111   | 18382       | 4 398-0        | 046-9       |                  |
| 168              | 16725                 | 15          | 8             | 20           | 8              | 25             | 1                | 30 KMNG                | T FDEZ                | HBW              | 16111       | 16380   | 16111       | 2 204-1        | 046-9       |                  |
| 168              | 16725                 | 16          | 8             | 20           | 8              | 25             | 1                | 30 KMNG                | V GUERRERO Y T FDEZ   | HBW              | 18382       | 16111   | 18382       | 2 204-1        | 046-9       |                  |
| 169              | 16710                 | 1           | 6             | 15           | 6              | 25             | 4                | 0 RCIA                 | PARQ IND BERMUDEZ     | HBW              | 16710       | 18113   | 16710       | 1 428-3        | 535-1       |                  |
| 169              | 16710                 | 2           | 6             | 15           | 6              | 25             | 4                | 0 RCIA                 | VALLE NACIONAL 391    | HBW              | 16710       | 14443   | 16710       | 1 535-1        | 428-3       |                  |
| 169              | 16710                 | 3           | 6             | 15           | 6              | 25             | 4                | 0 RCIA                 | E NACY PANAM          | HBSHOP           | 16710       | 14681   | 16710       | 1 535-1        | 535-1       |                  |
| 169              | 16710                 | 4           | 6             | 15           | 6              | 25             | 4                | 0 RCIA                 | VALLE NACL 381        | HBW              | 16710       | 16710   | 16710       | 1 535-1        | 428-3       |                  |
| 169              | 16710                 | 5           | 7             | 45           | 7              | 56             | 2                | 0 BACHILLERES 95       | VALLE FUENTES         | HBSCCHOOL        | 16710       | 14774   | 16710       | 2 275-1        | 535-1       |                  |
| 169              | 16710                 | 6           | 7             | 45           | 7              | 56             | 2                | 0 HOGAR                | V NACIONAL 391        | HBW              | 16710       | 16706   | 16710       | 2 535-1        | 269-6       |                  |
| 169              | 16710                 | 7           | 7             | 45           | 7              | 56             | 2                | 0 HOGAR                | PE CALLES Y SIM BARBA | HBW              | 16710       | 16553   | 16710       | 2 073-5        | 535-1       |                  |
| 169              | 16710                 | 8           | 7             | 45           | 7              | 56             | 2                | 0 HOGAR                | V NACIONAL 381        | HBSCICIAL        | 16710       | 16706   | 16710       | 2 535-1        | 073-6       |                  |
| 169              | 16710                 | 9           | 7             | 45           | 7              | 56             | 2                | 0 HOGAR                | CARR PANAMAMERICANA K | HBW              | 16710       | 14443   | 16710       | 1 535-1        | 073-6       |                  |
| 169              | 16710                 | 10          | 7             | 45           | 7              | 56             | 2                | 0 HOGAR                | VALLE DEL POTOSI 209  | HBW              | 16710       | 16706   | 16710       | 2 535-1        | 073-6       |                  |
| 169              | 16710                 | 11          | 7             | 45           | 7              | 56             | 2                | 0 HOGAR                | VALLE DEL POTOSI 209  | HBW              | 16710       | 16706   | 16710       | 2 535-1        | 073-6       |                  |
| 169              | 16710                 | 12          | 7             | 45           | 7              | 56             | 2                | 0 HOGAR                | VALLE DEL POTOSI 193  | HBW              | 16710       | 15725   | 16710       | 2 535-1        | 073-6       |                  |
| 169              | 16710                 | 13          | 7             | 45           | 7              | 56             | 2                | 0 HOGAR                | V POTOSI 116          | HBW              | 16710       | 16706   | 16710       | 2 535-1        | 073-6       |                  |
| 169              | 16710                 | 14          | 7             | 45           | 7              | 56             | 2                | 0 HOGAR                | V POTOSI 116          | HBW              | 16710       | 16706   | 16710       | 2 535-1        | 073-6       |                  |
| 169              | 16710                 | 15          | 7             | 45           | 7              | 56             | 2                | 0 HOGAR                | V POTOSI 116          | HBW              | 16710       | 16706   | 16710       | 2 535-1        | 073-6       |                  |
| 169              | 16710                 | 16          | 7             | 45           | 7              | 56             | 2                | 0 HOGAR                | V POTOSI 116          | HBW              | 16710       | 16706   | 16710       | 2 535-1        | 073-6       |                  |
| 169              | 16710                 | 17          | 7             | 45           | 7              | 56             | 2                | 0 HOGAR                | V POTOSI 116          | HBW              | 16710       | 16706   | 16710       | 2 535-1        | 073-6       |                  |
| 169              | 16710                 | 18          | 7             | 45           | 7              | 56             | 2                | 0 HOGAR                | V POTOSI 116          | HBW              | 16710       | 16706   | 16710       | 2 535-1        | 073-6       |                  |
| 169              | 16710                 | 19          | 7             | 45           | 7              | 56             | 2                | 0 HOGAR                | V POTOSI 116          | HBW              | 16710       | 16706   | 16710       | 2 535-1        | 073-6       |                  |
| 169              | 16710                 | 20          | 7             | 45           | 7              | 56             | 2                | 0 HOGAR                | V POTOSI 116          | HBW              | 16710       | 16706   | 16710       | 2 535-1        | 073-6       |                  |
| 169              | 16710                 | 21          | 7             | 45           | 7              | 56             | 2                | 0 HOGAR                | V POTOSI 116          | HBW              | 16710       | 16706   | 16710       | 2 535-1        | 073-6       |                  |
| 169              | 16710                 | 22          | 7             | 45           | 7              | 56             | 2                | 0 HOGAR                | V POTOSI 116          | HBW              | 16710       | 16706   | 16710       | 2 535-1        | 073-6       |                  |
| 169              | 16710                 | 23          | 7             | 45           | 7              | 56             | 2                | 0 HOGAR                | V POTOSI 116          | HBW              | 16710       | 16706   | 16710       | 2 535-1        | 073-6       |                  |
| 169              | 16710                 | 24          | 7             | 45           | 7              | 56             | 2                | 0 HOGAR                | V POTOSI 116          | HBW              | 16710       | 16706   | 16710       | 2 535-1        | 073-6       |                  |
| 169              | 16710                 | 25          | 7             | 45           | 7              | 56             | 2                | 0 HOGAR                | V POTOSI 116          | HBW              | 16710       | 16706   | 16710       | 2 535-1        | 073-6       |                  |
| 169              | 16710                 | 26          | 7             | 45           | 7              | 56             | 2                | 0 HOGAR                | V POTOSI 116          | HBW              | 16710       | 16706   | 16710       | 2 535-1        | 073-6       |                  |
| 169              | 16710                 | 27          | 7             | 45           | 7              | 56             | 2                |                        |                       |                  |             |         |             |                |             |                  |

| Household Number | Household Trip Number | Origin Node | Origin Hour | Arrival Hour | Arrival Minute | Departure Hour | Departure Minute | Destination Name     | Destination Address   | Trip Purpose          | Origin Node           | Destination Node | Vehicle Number | Destination | Origin AGEB | Destination AGEB |       |
|------------------|-----------------------|-------------|-------------|--------------|----------------|----------------|------------------|----------------------|-----------------------|-----------------------|-----------------------|------------------|----------------|-------------|-------------|------------------|-------|
| 183              | 16711                 | 2           |             | 2            |                | 10             | 2                | 50 HOGAR             | V NACIONAL 392        | HBW                   | 13325                 | 16711            | 1              | 348-2       | 434-9       |                  |       |
| 183              | 16711                 | 3           |             | 3            |                | 5              | 7                | 0 HOGAR              | AV RAZA 2917          | HBW                   | 16711                 | 16325            | 1              | 353-3       | 348-2       |                  |       |
| 183              | 16711                 | 4           |             | 7            |                | 5              | 0                | 0 IND CODI           | V NACIONAL 392        | HBW                   | 16325                 | 16711            | 1              | 348-2       | 348-2       |                  |       |
| 184              | 16711                 | 1           | 9           | 50           | 10             | 5              | 6                | 0 IND CODI           | ECO MARQUEZ 190       | HBW                   | 16711                 | 15832            | 1              | 047-3       | 348-2       |                  |       |
| 184              | 16711                 | 2           |             | 6            |                | 15             | 8                | 0 HOGAR              | VALLE NAL 379         | HBSOCIAL              | 14196                 | 14196            | 1              | 047-3       | 047-3       |                  |       |
| 184              | 16711                 | 3           |             | 8            |                | 16             | 0                | 0 ITCL               | AV TECY RAZA          | HBSCHOOL              | 16711                 | 16407            | 2              | 273-2       | 275-1       |                  |       |
| 184              | 16711                 | 4           | 8           | 45           | 9              | 0              | 1                | 0 SILVEIA            | FE CALLES P POMPA     | HBW                   | 14196                 | 14196            | 2              | 273-2       | 273-2       |                  |       |
| 184              | 16711                 | 5           |             | 1            |                | 20             | 3                | 0 HOGAR              | V NACIONAL 379        | HBSOCIAL              | 14196                 | 16111            | 2              | 046-9       | 275-1       |                  |       |
| 184              | 16711                 | 6           |             | 3            |                | 15             | 0                | 30 PARQUE IND JUAREZ | HBW                   | 18413                 | 18382                 | 1                | 338-0          | 275-1       |             |                  |       |
| 186              | 18413                 | 1           | 5           | 45           | 6              | 0              | 3                | 20 HOGAR             | V TREBOL 205          | HBW                   | 18413                 | 18413            | 1              | 339-5       | 338-5       |                  |       |
| 186              | 18413                 | 2           |             | 3            |                | 20             | 7                | 37 CASA PARTICULAR   | MASPIROS Y C VIEJOS   | HBOTHER               | 18413                 | 14049            | 1              | 276-5       | 398-0       |                  |       |
| 186              | 18413                 | 3           |             | 7            |                | 35             | 7                | 0 HOGAR              | V TREBOL 205          | HBOTHER               | 18413                 | 14049            | 1              | 339-5       | 276-5       |                  |       |
| 186              | 18413                 | 4           |             | 7            |                | 49             | 0                | 0 CLINICA VETINARIA  | N HEROES Y PORF DIAZ  | HBW                   | 18413                 | 15300            | 2              | 088-6       | 399-5       |                  |       |
| 186              | 18413                 | 5           | 9           | 45           | 8              | 0              | 1                | 0 HOGAR              | V TREBOL 205          | HBW                   | 18413                 | 18413            | 2              | 239-5       | 068-6       |                  |       |
| 186              | 18413                 | 6           |             | 6            |                | 15             | 8                | 0 SORIANA            | E NACIONAL Y PANAM    | HBSOCIAL              | 18413                 | 14679            | 2              | 208-4       | 398-5       |                  |       |
| 186              | 18413                 | 7           |             | 8            |                | 13             | 10               | 0 SORIANA            | V TREBOL 205          | HBW                   | 14879                 | 14879            | 1              | 339-5       | 338-0       |                  |       |
| 186              | 18413                 | 8           |             | 10           |                | 15             | 0                | 0 HOGAR              | CASAS GRANDES KM 6    | HBW                   | 18413                 | 14242            | 3              | 216-4       | 398-5       |                  |       |
| 186              | 18413                 | 9           | 6           | 10           | 6              | 0              | 25               | 3                    | 30 CARRETERIA         | N HOGAR               | HBW                   | 14242            | 16380          | 3           | 204-1       | 216-4            |       |
| 186              | 18413                 | 10          |             | 3            |                | 45             | 8                | 0 ITCL               | TECNOL Y RAZA         | NHBS                  | 13068                 | 13068            | 3              | 063-3       | 204-1       |                  |       |
| 186              | 18413                 | 11          |             | 8            |                | 22             | 10               | 0 GIMNASIO           | MEJIA Y CONSTITUCION  | HBW                   | 13068                 | 18413            | 3              | 339-5       | 061-3       |                  |       |
| 186              | 18413                 | 12          |             | 12           |                | 25             | 0                | 0 HOGAR              | V TREBOL 205          | HBW                   | 9879                  | 16380            | 2              | 239-5       | 061-3       |                  |       |
| 187              | 99779                 | 1           | 8           | 30           | 50             | 1              | 0                | 0 ITCL               | PARQUE IND JUAREZ KM  | HBW                   | 16380                 | 10534            | 1              | 204-1       | 204-1       |                  |       |
| 187              | 99779                 | 2           |             | 1            |                | 30             | 5                | 0 CASA               | 20 VIDEO CLUB         | HBSHOP                | 9879                  | 16407            | 1              | 334-1       | 364-1       |                  |       |
| 187              | 99779                 | 3           |             | 5            |                | 50             | 8                | 0 ITCL               | CASAS GRANDES KM 7    | HBW                   | 16380                 | 16391            | 1              | 204-1       | 364-1       |                  |       |
| 187              | 99779                 | 4           |             | 8            |                | 25             | 9                | 0 CASA               | HERMANOS ESCOBAR #23  | HBW                   | 4605                  | 9979             | 1              | 324-3       | 324-3       |                  |       |
| 187              | 99779                 | 5           |             | 10           |                | 5              | 0                | 0 CEL                | AVDE LA RAZA Y AV TE  | HBW                   | 9979                  | 13577            | 2              | 385-3       | 204-1       |                  |       |
| 187              | 99779                 | 6           |             | 15           |                | 5              | 35               | 4                    | 0 CEL                 | EJERCITO NACIONAL YA  | NHBS                  | 16407            | 14690          | 2           | 238-2       | 412-2            |       |
| 187              | 99779                 | 7           |             | 5            |                | 35             | 7                | 0                    | 0 CASA                | CARR CASAS GRANDES, R | HBW                   | 10003            | 13615          | 1           | 412-2       | 412-2            |       |
| 187              | 99779                 | 8           |             | 8            |                | 0              | 8                | 0                    | 0 CASA                | DIVISION DEL NORTE Y  | HBW                   | 10003            | 16123          | 2           | 046-9       | 412-2            |       |
| 187              | 99779                 | 9           |             | 9            |                | 50             | 9                | 0                    | 0 CASA                | ANILLO ENVOLVENTE DEL | HBSHOP                | 10003            | 10003          | 2           | 412-2       | 412-2            |       |
| 188              | 10003                 | 1           | 5           | 25           | 25             | 0              | 0                | 0 CASA               | ALVARO OBREGON        | NHBS                  | 10003                 | 10016            | 1              | 131-0       | 412-2       |                  |       |
| 188              | 10003                 | 2           |             | 25           |                | 50             | 0                | 0 CASA               | CALLE SEVILLA Y COL S | NHBS                  | 10003                 | 10003            | 2              | 412-2       | 131-0       |                  |       |
| 188              | 10003                 | 3           |             | 30           |                | 30             | 8                | 0 CASA               | PLAN DE GUADALUPE, LO | HBOTHER               | 13815                 | 103815           | 1              | 141-4       | 371-1       |                  |       |
| 188              | 10003                 | 4           |             | 30           |                | 30             | 0                | 0 CASA               | HERMANOS ESCOBAR #23  | HBW                   | 10000                 | 16235            | 1              | 324-7       | 141-4       |                  |       |
| 189              | 10000                 | 12          |             | 8            |                | 40             | 3                | 0                    | 0 CASA                | AV JUAREZ             | HBW                   | 12840            | 9981           | 1           | 371-1       | 371-1            |       |
| 190              | 9981                  | 1           | 7           | 0            |                | 7              | 20               | 4                    | 0                     | 0 CASA                | PARQUE IND AEROPUERTO | HBW              | 2404           | 9981        | 1           | 251-6            | 412-2 |
| 190              | 9981                  | 2           |             | 4            |                | 30             | 6                | 0                    | 0 CASA                | PLAN DE GUADALUPE, LO | HBW                   | 2404             | 9981           | 1           | 412-2       | 251-6            |       |
| 190              | 9981                  | 3           |             | 25           |                | 6              | 0                | 0 CASA               | ALVARO OBREGON Y BAMI | HBW                   | 9981                  | 15502            | 1              | 087-0       | 412-2       |                  |       |
| 190              | 9981                  | 4           |             | 6            |                | 55             | 7                | 0                    | 0 CASA                | VIDEO TIENDA          | HBW                   | 15002            | 9981           | 1           | 412-2       | 067-0            |       |
| 190              | 9981                  | 5           |             | 7            |                | 35             | 7                | 0                    | 0 CASA                | DIVISION DEL NORTE Y  | HBW                   | 9981             | 9924           | 1           | 131-0       | 412-2            |       |
| 190              | 9981                  | 6           |             | 7            |                | 52             | 0                | 0 CBTS 128           | NUEVA ZELANDA, AV C P | HBW                   | 9981                  | 9981             | 1              | 412-2       | 131-0       |                  |       |
| 190              | 9981                  | 7           | 8           | 30           | 8              | 0              | 3                | 0 CAMERGIO           | VELARDE Y MANUEL ACUN | HBW                   | 9981                  | 11774            | 2              | 110-9       | 412-2       |                  |       |
| 190              | 9981                  | 8           |             | 4            |                | 50             | 0                | 0 CASA               | RAMON RIVERA LARA, CA | HBW                   | 9981                  | 9981             | 2              | 412-2       | 110-9       |                  |       |
| 190              | 9981                  | 9           |             | 8            |                | 15             | 8                | 0 ITCL               | O TELMEX              | HBW                   | 9981                  | 13616            | 3              | 466-9       | 412-2       |                  |       |
| 190              | 9981                  | 10          |             | 5            |                | 40             | 6                | 0 CASA               | ESC SECTED #3         | HBW                   | 9981                  | 13916            | 3              | 412-2       | 466-9       |                  |       |
| 190              | 9981                  | 11          |             | 6            |                | 22             | 7                | 0 CASA               | ESC SECTED #3         | HBW                   | 9981                  | 10021            | 3              | 131-0       | 412-2       |                  |       |
| 190              | 9981                  | 12          |             | 7            |                | 10             | 2                | 0                    | 0 CASA                | CARRETEVO CAJA GRANDE | HBW                   | 10021            | 9981           | 3           | 412-2       | 131-0            |       |
| 190              | 9981                  | 13          |             | 7            |                | 35             | 0                | 0 CASA               | ELEVIAL Y SANDERS     | HBW                   | 9104                  | 2837             | 1              | 162-3       | 150-3       |                  |       |
| 190              | 9981                  | 14          | 7           | 0            |                | 35             | 0                | 0 CASA               | LIBERTAD Y CENTRAL    | HBW                   | 9981                  | 11774            | 2              | 110-9       | 412-2       |                  |       |
| 190              | 9981                  | 15          |             | 7            |                | 0              | 0                | 0 CASA               | EL VIAL Y SANDERS     | HBW                   | 9981                  | 9981             | 2              | 137-5       | 182-3       |                  |       |
| 190              | 9981                  | 16          |             | 8            |                | 15             | 5                | 0 ITCL               | A VTECNOLOGIA Y DE    | HBW                   | 9981                  | 13630            | 1              | 377-9       | 367-5       |                  |       |
| 190              | 9981                  | 17          |             | 5            |                | 40             | 6                | 0 ITCL               | AVENIDA FENOLÓGICO Y  | HBW                   | 9981                  | 16151            | 1              | 367-5       | 204-1       |                  |       |
| 190              | 9981                  | 18          |             | 6            |                | 25             | 0                | 0 CASA               | ELEVIAL Y MALECON     | HBW                   | 9981                  | 16151            | 1              | 367-5       | 150-3       |                  |       |
| 190              | 9981                  | 19          |             | 7            |                | 10             | 11               | 0                    | 0 CASA                | MAKCON Y FERROCURRIL  | HBW                   | 9092             | 12842          | 1           | 083-4       | 150-3            |       |
| 190              | 9981                  | 20          |             | 8            |                | 40             | 8                | 0                    | 0 CASA                | ELEVIAL Y SANDERS     | HBW                   | 8953             | 11986          | 1           | 367-5       | 150-3            |       |
| 190              | 9981                  | 21          |             | 9            |                | 35             | 0                | 0 UACP               | AVENIDA DE CHARRERO   | HBW                   | 16151                 | 16380            | 1              | 367-5       | 150-3       |                  |       |
| 190              | 9981                  | 22          |             | 10           |                | 25             | 0                | 0 ITCL               | ELEVIAL Y SANDERS     | HBW                   | 16760                 | 11986            | 1              | 367-5       | 150-3       |                  |       |
| 190              | 9981                  | 23          |             | 3            |                | 40             | 4                | 0 ITCL               | ELEVIAL Y GABRIEL     | HBW                   | 13780                 | 11986            | 1              | 367-5       | 150-3       |                  |       |
| 190              | 9981                  | 24          |             | 9            |                | 25             | 0                | 0 CASA               | ELEVIAL Y GABRIEL     | HBW                   | 8853                  | 11986            | 1              | 367-5       | 150-3       |                  |       |
| 190              | 9981                  | 25          |             | 7            |                | 40             | 4                | 0                    | 0 CASA                | ELEVIAL Y GABRIEL     | HBW                   | 12842            | 11986          | 1           | 367-5       | 150-3            |       |
| 190              | 9981                  | 26          |             | 2            |                | 25             | 0                | 0 CASA               | ELEVIAL Y GABRIEL     | HBW                   | 8953                  | 11986            | 1              | 367-5       | 150-3       |                  |       |
| 190              | 9981                  | 27          |             | 0            |                | 20             | 11               | 0                    | 0 CASA                | ELEVIAL Y GABRIEL     | HBW                   | 7957             | 11986          | 1           | 367-5       | 150-3            |       |
| 190              | 9981                  | 28          |             | 11           |                | 0              | 11               | 40 HRP               | CARRETERA CASAS GRAND | HBW                   | 9235                  | 14102            | 1              | 334-9       | 372-3       |                  |       |
| 190              | 9981                  | 29          |             | 12           |                | 0              | 12               | 0                    | 0 CASA                | ELEVIAL Y GABRIEL     | HBW                   | 11986            | 11986          | 1           | 367-5       | 386-3            |       |
| 190              | 9981                  | 30          |             | 10           |                | 11             | 11               | 30 SARIANA SANDERS   | ELEVIAL Y GABRIEL     | HBW                   | 11986                 | 11986            | 2              | 367-5       | 386-3       |                  |       |
| 190              | 9981                  | 31          |             | 11           |                | 50             | 0                | 0 CASA               | ELEVIAL Y GABRIEL     | HBW                   | 11986                 | 11986            | 2              | 139-7       | 367-5       |                  |       |
| 190              | 9981                  | 32          |             | 6            |                | 45             | 6                | 0                    | 0 CASA                | ELEVIAL Y GABRIEL     | HBW                   | 8963             | 4234           | 1           | 10          | 378-3            |       |
| 190              | 9981                  | 33          |             | 3            |                | 30             | 55               | 3                    | 0 CASA                | ELEVIAL Y GABRIEL     | HBW                   | 4234             | 4234           | 0           | 0           | 0                |       |

| Household Number | Household Node | Trip Number | Origin Hour | Origin Minute | Arrival Hour | Arrival Minute | Departure Hour | Departure Minute | Name | Destination Address | Destination             | Origin Node            | Destination Node     | Number   | Destination | Origin  | AGEB   |       |
|------------------|----------------|-------------|-------------|---------------|--------------|----------------|----------------|------------------|------|---------------------|-------------------------|------------------------|----------------------|----------|-------------|---------|--------|-------|
|                  |                |             |             |               |              |                |                |                  |      |                     |                         |                        |                      |          |             |         | AGEB   |       |
| 204              | 14079          | 3           |             |               | 6            |                | 6              |                  | 30   | MACRODIOECENTRO     | UTENTES Y EJEC NACI     | HBSOCIAL               | 14079                | 14657    | 14654       | 276-5   |        |       |
| 204              | 14079          | 4           | 1           | 8             | 0            |                | 8              |                  | 35   | CASA PARTICULAR     | CALLE ANO 1806 #2427    | HBW                    | 14657                | 14079    | 1276-6      | 465-4   |        |       |
| 205              | 14079          | 2           |             |               | 20           |                | 4              |                  | 20   | 4                   | 30 PRESIDENCIA MUNICPA  | CASA PARTICULAR        | 14079                | 12868    | 1032-4      | 276-6   |        |       |
| 205              | 14079          | 2           |             |               | 45           |                | 9              |                  | 45   | 9                   | CASA PARTICULAR         | CALLE ANO 1806 #24237  | HBW                  | 12868    | 14079       | 1276-6  | 083-4  |       |
| 206              | 14079          | 1           | 11          |               | 30           |                | 11             |                  | 55   | 9                   | 01MESS                  | CASA PARTICULAR        | CALLE ANO 1806 #2446 | HBW      | 16098       | 14079   | 1048-9 | 276-6 |
| 206              | 14079          | 2           |             |               | 9            |                | 15             |                  | 55   | 9                   | 10 ESC PRIM JUSTOL SIE  | VALENTIN FUENTES Y ES  | HBSCHOOL             | 16098    | 14079       | 1276-6  | 046-9  |       |
| 206              | 14079          | 3           | 8           |               | 0            |                | 8              |                  | 5    | 8                   | 10 ESC PRIM JUSTOL SIE  | CASA PARTICULAR        | CALLE ANO 1806 #2446 | HBW      | 14657       | 14079   | 2465-4 | 276-6 |
| 206              | 14079          | 4           |             |               | 8            |                | 15             |                  | 4    | 4                   | 15 CENTRO DE LA CIUDAD  | CASA PARTICULAR        | CALLE ANO 1806 #2446 | HBSHOP   | 14857       | 14079   | 276-6  | 465-4 |
| 206              | 14079          | 5           |             |               | 4            |                | 26             |                  | 6    | 6                   | CASA PARTICULAR         | CASA PARTICULAR        | CALLE ANO 1806 #2446 | HBSHOP   | 14079       | 14079   | 2084-4 | 276-6 |
| 206              | 14079          | 6           |             |               | 30           |                | 30             |                  | 1    | 1                   | 01TEP                   | 01TEP                  | CALLE ANO 1806 #2446 | HBSCHOOL | 14079       | 14079   | 276-6  | 084-4 |
| 207              | 14141          | 1           | 9           |               | 0            |                | 10             |                  | 0    | 3                   | 01CASA PARTICULAR       | MATIAS ROMERO #2480    | HBSCHOOL             | 9993     | 14050       | 1276-6  | 371-1  |       |
| 207              | 14141          | 2           |             |               | 4            |                | 0              |                  | 6    | 1                   | 0 PERDICO EL NORTE'     | SAN LORENZO            | HBW                  | 15485    | 16769       | 1348-2  | 067-0  |       |
| 208              | 15485          | 1           | 8           |               | 30           |                | 8              |                  | 55   | 1                   | 01CASA PARTICULAR       | RIO JUCAR #128 LOS     | HBW                  | 16769    | 15455       | 1057-0  | 348-2  |       |
| 208              | 15485          | 2           |             |               | 1            |                | 15             |                  | 4    | 4                   | 01CASA PARTICULAR       | MATIAS ROMERO #2480    | HBOTHER              | 15485    | 14050       | 1276-6  | 067-0  |       |
| 208              | 15485          | 3           |             |               | 4            |                | 20             |                  | 5    | 5                   | 01CASA PARTICULAR       | EL PASO                | HBSCHOOL             | 14878    | 9983        | 1371-1  | 426-4  |       |
| 210              | 14878          | 1           | 7           |               | 30           |                | 8              |                  | 45   | 2                   | 01CASA PARTICULAR       | CAMINO VIEJO A SAN JO  | HBW                  | 9993     | 14690       | 1469-4  | 371-1  |       |
| 210              | 14878          | 2           |             |               | 35           |                | 20             |                  | 7    | 7                   | 35 SORIANA              | EJERCITO NACIONAL SIN  | HBSHOP               | 14878    | 14690       | 1298-4  | 426-4  |       |
| 210              | 14878          | 3           |             |               | 7            |                | 40             |                  | 55   | 5                   | 01CASA PARTICULAR       | CAMINO VIEJO A SAN JO  | HBW                  | 14878    | 14690       | 1426-4  | 208-A  |       |
| 210              | 14878          | 4           |             |               | 15           |                | 10             |                  | 10   | 10                  | 50 BAMGORS              | 16SEPY URUGUAY         | HBOTHER              | 14645    | 13041       | 053-2   | 276-5  |       |
| 211              | 14845          | 1           | 10          |               | 35           |                | 11             |                  | 0    | 12                  | 01REP Y LOPEZ MATE      | NHB                    | 13041                | 16110    | 1048-9      | 063-2   |        |       |
| 211              | 14845          | 2           |             |               | 20           |                | 12             |                  | 20   | 20                  | 01CASA PARTICULAR       | LEYES DE REFORMA #275  | HBSOCIAL             | 16110    | 14845       | 1276-6  | 046-9  |       |
| 211              | 14845          | 3           |             |               | 12           |                | 12             |                  | 20   | 20                  | 01TEC DE MONTERREY      | BLOD TOMAS FERNANDEZ   | HBSCHOOL             | 14051    | 19285       | 1200-3  | 276-5  |       |
| 212              | 14051          | 1           | 7           |               | 30           |                | 7              |                  | 40   | 2                   | 01CASA PARTICULAR       | MATIAS ROMERO #2480    | HBSCHOOL             | 18291    | 14051       | 1276-6  | 200-3  |       |
| 212              | 14051          | 2           |             |               | 15           |                | 20             |                  | 8    | 8                   | 01RECALDADURA DE RENT   | 01PERDICO EL NORTE'    | HBW                  | 14051    | 12844       | 2053-A  | 276-5  |       |
| 212              | 14051          | 5           |             |               | 40           |                | 40             |                  | 40   | 3                   | 01CASA PARTICULAR       | MATIAS ROMERO #2480    | HBSCHOOL             | 12844    | 14051       | 21276-5 | 093-4  |       |
| 212              | 14051          | 6           |             |               | 30           |                | 30             |                  | 9    | 5                   | 01CASA PARTICULAR       | 01BOL DE LAS AMERICAS  | HBSCHOOL             | 14051    | 18208       | 2125-3  | 276-5  |       |
| 212              | 14051          | 7           |             |               | 30           |                | 9              |                  | 15   | 9                   | 01CASA PARTICULAR       | MATIAS ROMERO #2480    | HBSCHOOL             | 18208    | 14051       | 1276-6  | 525-3  |       |
| 212              | 14051          | 8           |             |               | 9            |                | 15             |                  | 10   | 12                  | 50 LURN                 | SAN LORENZO            | HBSCHOOL             | 14051    | 15847       | 3148-2  | 276-5  |       |
| 212              | 14051          | 9           |             |               | 7            |                | 0              |                  | 1    | 1                   | 50 CASA PARTICULAR      | MATIAS ROMERO #2480    | HBSCHOOL             | 16847    | 14051       | 1276-5  | 348-2  |       |
| 212              | 14051          | 10          |             |               | 10           |                | 0              |                  | 0    | 1                   | 30 TEC DE MONTERREY     | 30 SAMSON FERNANDEZ    | HBW                  | 14051    | 18291       | 31200-3 | 276-5  |       |
| 212              | 14051          | 11          |             |               | 1            |                | 1              |                  | 1    | 2                   | 30 CASA PARTICULAR      | MATIAS ROMERO #2480    | HBSCHOOL             | 18291    | 14051       | 31276-5 | 200-3  |       |
| 212              | 14051          | 12          |             |               | 2            |                | 2              |                  | 50   | 50                  | 40 SHCP (HACIENDA)      | HONDURAS #228 SUR      | HBW                  | 14079    | 18319       | 1200-3  | 276-5  |       |
| 213              | 14079          | 1           | 9           |               | 0            |                | 9              |                  | 45   | 9                   | 50 CFE                  | SANDERS Y REFORMA      | HBOTHER              | 18319    | 15167       | 14079   | 200-3  |       |
| 213              | 14079          | 3           |             |               | 10           |                | 0              |                  | 11   | 50 CASA PARTICULAR  | CALLE ANO 1806 #2427    | HBSCHOOL               | 15167                | 14079    | 1276-6      | 368-0   |        |       |
| 213              | 14079          | 4           |             |               | 12           |                | 0              |                  | 2    | 2                   | 01ITCI                  | AYTECHNICO CO Y S BA   | HBSCHOOL             | 14079    | 16575       | 1204-1  | 276-5  |       |
| 213              | 14079          | 5           |             |               | 2            |                | 3              |                  | 3    | 3                   | 35 HPERMART             | PI DE LA REPUBLICA Y   | NHB                  | 16575    | 16850       | 1348-2  | 204-1  |       |
| 213              | 14079          | 6           |             |               | 3            |                | 30             |                  | 5    | 5                   | 28 CASA PARTICULAR      | ANO 1806 #2427         | HBSHOP               | 16850    | 14058       | 1276-5  | 348-2  |       |
| 213              | 14079          | 7           |             |               | 5            |                | 45             |                  | 8    | 8                   | 01CASA PARTICULAR       | CALLE ORO #257 SUR     | HBSCHOOL             | 14089    | 12383       | 1098-0  | 276-5  |       |
| 213              | 14079          | 8           |             |               | 3            |                | 20             |                  | 7    | 3                   | 35 ITCI                 | CASA PARTICULAR        | CALLE ANO 1806 #2427 | HBSCHOOL | 12993       | 14079   | 1276-6 | 093-0 |
| 213              | 14079          | 9           |             |               | 7            |                | 45             |                  | 7    | 5                   | 40 CASA PARTICULAR      | AYTECHNICO CO Y S BA   | HBW                  | 14079    | 16575       | 21204-1 | 276-5  |       |
| 213              | 14079          | 10          |             |               | 3            |                | 45             |                  | 5    | 50 ITCI             | CASA PARTICULAR         | CALLE ANO 1806 #2427   | HBSCHOOL             | 14079    | 16575       | 2024-1  | 276-5  |       |
| 213              | 14079          | 11          |             |               | 5            |                | 50             |                  | 9    | 10                  | 10 CASA PARTICULAR      | CALLE ANO 1806 #2427   | HBSCHOOL             | 14079    | 16575       | 21204-1 | 276-5  |       |
| 213              | 14079          | 12          |             |               | 10           |                | 0              |                  | 12   | 12                  | 13 ESCUELA BENITO JUAR  | CASAS CONSTITUCION SIN | HBW                  | 3153     | 14079       | 21276-5 | 204-1  |       |
| 214              | 12191          | 1           | 12          |               | 0            |                | 12             |                  | 23   | 3                   | 0 EMILIO CALUILLO       | EMILIO CALUILLO 265    | HBSCHOOL             | 12191    | 12955       | 12955   | 084-4  |       |
| 214              | 12191          | 2           |             |               | 3            |                | 20             |                  | 10   | 10                  | 15 TALLER ELECTRICO GO  | 5 DE FEBRERO           | HBW                  | 12191    | 12091       | 21113   | 085-9  |       |
| 214              | 12191          | 3           |             |               | 10           |                | 25             |                  | 10   | 10                  | 35 REPARACIONES DE LA F | LIBERTAD 432           | NHB                  | 12091    | 12091       | 1113    | 111-3  |       |
| 214              | 12191          | 4           |             |               | 7            |                | 45             |                  | 7    | 7                   | 06 FEIERBERGO           | PI DE FEBRERO          | NHB                  | 12091    | 12091       | 21113   | 111-3  |       |
| 214              | 12191          | 5           |             |               | 3            |                | 0              |                  | 8    | 0                   | 01CASA                  | EMILIO CALUILLO        | HBW                  | 12091    | 12487       | 1084-4  | 248-5  |       |
| 215              | 3153           | 1           | 8           |               | 0            |                | 20             |                  | 7    | 7                   | 30 MERCADO HIDALGO      | CALLE MINA             | HBW                  | 12487    | 3153        | 12487   | 084-4  |       |
| 216              | 3153           | 2           |             |               | 8            |                | 20             |                  | 10   | 12                  | 13 ESCUELA BENITO JUAR  | CASAS CONSTITUCION SIN | HBW                  | 12487    | 3153        | 12487   | 084-4  |       |
| 216              | 3153           | 3           |             |               | 8            |                | 20             |                  | 12   | 12                  | 0 MERCADO HIDALGO       | MINA                   | HBW                  | 12487    | 3153        | 12487   | 084-4  |       |
| 217              | 12202          | 1           | 8           |               | 0            |                | 8              |                  | 30   | 7                   | 10 CASA                 | 5 DE FEBRERO           | HBW                  | 12487    | 12486       | 1100-5  | 099-0  |       |
| 218              | 11690          | 1           | 8           |               | 0            |                | 8              |                  | 15   | 6                   | 0 FABRICA DE BOTAS      | LIC JESUS NAJERA #336  | HBW                  | 12957    | 11698       | 1233-6  | 123-6  |       |
| 218              | 11690          | 2           |             |               | 6            |                | 15             |                  | 15   | 6                   | 0 JARDIN DE NIÑOS       | LIC JESUS NAJERA #336  | HBW                  | 12957    | 11698       | 1113    | 111-3  |       |
| 219              | 9124           | 1           | 7           |               | 30           |                | 1              |                  | 7    | 1                   | 01CASA                  | SATELITE               | HBW                  | 9124     | 9124        | 12113   | 111-3  |       |
| 219              | 9124           | 2           |             |               | 1            |                | 30             |                  | 1    | 30                  | 0 PEMEX                 | BABICORA Y ROSALES     | HBW                  | 9124     | 9124        | 12113   | 111-3  |       |
| 220              | 11698          | 1           | 10          |               | 0            |                | 10             |                  | 7    | 7                   | 30 SASTERIA RIUVERA     | VICENTE GUERRERO       | HBW                  | 11698    | 15697       | 1350-4  | 123-6  |       |
| 220              | 11698          | 2           |             |               | 8            |                | 0              |                  | 3    | 7                   | 30 SASTERIA RIUVERA     | VICENTE GUERRERO       | HBW                  | 11698    | 15697       | 1230-4  | 123-6  |       |
| 220              | 11698          | 3           |             |               | 7            |                | 45             |                  | 12   | 12                  | 01CASA                  | LIC JESUS NAJERA #334  | HBW                  | 11698    | 15697       | 1230-4  | 123-6  |       |
| 221              | 12683          | 1           | 12          |               | 0            |                | 15             |                  | 15   | 15                  | 0 MERCADO HIDALGO       | PANAMA                 | HBW                  | 12683    | 12487       | 1123-6  | 084-4  |       |
| 221              | 12683          | 2           |             |               | 7            |                | 15             |                  | 15   | 15                  | 01CASA                  | BELVITO #429           | HBW                  | 12683    | 12487       | 1123-6  | 084-4  |       |
| 222              | 11698          | 3           | 8           |               | 0            |                | 8              |                  | 30   | 4                   | 01CASA                  | CAR CASAS GRANDES K22  | HBW                  | 11698    | 1433        | 2125-4  | 123-6  |       |
| 222              | 11698          | 4           |             |               | 30           |                | 4              |                  | 30   | 4                   | 01CASA                  | LIC JESUS NAJERA #332  | HBW                  | 11698    | 15983       | 11446   | 123-6  |       |
| 223              | 8773           | 1           | 7           |               | 0            |                | 7              |                  | 7    | 1                   | 01CASA                  | FELIPE CARRILLO 2026   | HBW                  | 8773     | 16380       | 1143-6  | 146-7  |       |
| 223              | 8773           | 2           |             |               | 3            |                | 0              |                  | 30   | 6                   | 01CASA                  | PANAMA                 | HBW                  | 8773     | 16380       | 1143-6  | 146-7  |       |
| 223              | 8773           | 3           |             |               | 3            |                | 0              |                  | 30   | 6                   | 01CASA                  | BELVITO #429           | HBW                  | 8773     | 16380       | 1143-6  | 146-7  |       |
| 224              | 11446          | 1           | 7           |               | 0            |                | 7              |                  | 5    | 1                   | 01CASA                  | NICOLAS BRAVO          | HBW                  | 5982     | 8772        | 13005   | 146-7  |       |
| 224              | 11446          | 4           |             |               | 6            |                | 5              |                  | 5    | 1                   | 01CASA                  | BELISARIO DOMINGUEZ    | HBW                  | 5982     | 8772        | 13005   | 146-7  |       |
| 225              | 8772           | 1           | 6           |               | 30           |                | 7              |                  | 30   | 1                   | 01CASA                  | VICENTE GUERRERO       | HBW                  | 8772     | 11430       | 1143-6  | 146-7  |       |
| 225              | 8772           | 2           |             |               | 1            |                | 30             |                  | 3    | 1                   | 01CASA                  | LIC JESUS NAJERA #3343 | HBW                  | 8772     | 11430       | 1143-6  | 146-7  |       |
| 225              | 8772           | 3           |             |               | 0            |                | 8              |                  | 0    | 8                   | 01CASA                  | LIC JESUS NAJERA #3343 | HBW                  | 8772     | 11430       | 1143-6  | 146-7  |       |
| 225              | 8772           | 4           |             |               | 0            |                | 0              |                  | 0    | 0                   | 01CASA                  | LIC JESUS NAJERA #3343 | HBW                  | 8772     | 11430       | 1143-6  | 146-7  |       |
| 225              | 8772           | 5           |             |               | 9            |                | 0              |                  | 9    | 0                   | 01CASA                  | LIC JESUS NAJERA #3343 | HBW                  | 8772     | 11430       | 1143-6  | 146-7  |       |
| 225              | 8772           | 6           |             |               | 3            |                | 16             |                  | 4    | 4                   | 01CASA                  | LOTERIA PALOMO         | HBW                  | 8772     | 11430       | 1143-6  | 146-7  |       |
| 225              | 8772           | 7           |             |               | 4            |                | 30             |                  | 1    | 1                   | 01CASA                  | LOTERIA PALOMO         | HBW                  | 8772     | 11430       | 1143-6  | 146-7  |       |

| Household Number | Household Node | Trip Number | Origin Hour | Origin Minute | Arrival Hour | Arrival Minute | Departure Hour | Departure Minute | Name                    | Destination Address     | Tip      | Purpose | Origin Node | Destination Node | Venue Number | AGEB  | Origin AGEB |
|------------------|----------------|-------------|-------------|---------------|--------------|----------------|----------------|------------------|-------------------------|-------------------------|----------|---------|-------------|------------------|--------------|-------|-------------|
| 225              | 8772           | 8           | 6           | 39            | 11           | 20             | 11             | 45               | CASA                    | LITESTIS NAJERA #343    | HBSCHOOL | 13005   | 8772        | 2                | 146-7        | 089-A |             |
| 226              | 0              | 2           | 12          | 10            | 3            | 0              | 10             | 3                | 0 CASA                  | O PANADERIA CRISTO RE   | NHB      | 11724   | 8852        | 1                | 150-3        | 130-6 |             |
| 226              | 0              | 4           | 23          | 3             | 6            | 0              | 25             | 8                | 0 CASA                  | EMILIO CALUILLO 265     | NHB      | 11724   | 8852        | 1                | 150-6        | 150-3 |             |
| 227              | 12191          | 1           | 7           | 45            | 8            | 0              | 20             | 2                | 5 ESCUELA JUAN DE DIO   | CONSTITUCION            | NHB      | 12977   | 12977       | 1                | 089-A        | 089-A |             |
| 227              | 12191          | 2           | 8           | 25            | 9            | 2              | 20             | 2                | 0 CASA                  | RAFAEL VELARDE          | NHB      | 12877   | 12466       | 1                | 084-4        | 089-A |             |
| 227              | 12191          | 3           | 2           | 20            | 2            | 0              | 20             | 2                | 30 ESCUELA JUAN DE DIO  | CONSTITUCION            | NHB      | 12666   | 12077       | 1                | 084-4        | 084-4 |             |
| 227              | 12191          | 4           | 2           | 45            | 2            | 0              | 20             | 2                | EMILIO CALUILLO 260     | CASA                    | NHB      | 12077   | 12191       | 1                | 085-9        | 084-4 |             |
| 228              | 9192           | 1           | 7           | 30            | 50           | 12             | 0              | 12               | 0 ITCA                  | AV TECNOLOGICO          | NHB      | 9192    | 16575       | 1                | 104-1        | 373-0 |             |
| 228              | 9192           | 2           | 30          | 5             | 0            | 0              | 12             | 30               | 0 CASA                  | TOLUCA 3640             | HBSCHOOL | 16575   | 9192        | 1                | 317-0        | 204-1 |             |
| 229              | 12482          | 1           | 7           | 0             | 7            | 10             | 10             | 12               | 0 PANADERIA MIMBO       | RAFAEL VELARDE          | NHB      | 12482   | 12486       | 1                | 084-4        | 105-9 |             |
| 229              | 12482          | 2           | 10          | 1             | 0            | 10             | 10             | 10               | 0 PANADERIA MIMBO       | RAFAEL VELARDE          | NHB      | 12486   | 11417       | 1                | 150-6        | 084-4 |             |
| 229              | 12482          | 3           | 1           | 0             | 1            | 10             | 10             | 10               | 0 CASA                  | RAFOL OGARICO           | NHB      | 12486   | 12466       | 1                | 084-4        | 130-6 |             |
| 230              | 5676           | 1           | 2           | 45            | 3            | 0              | 30             | 30               | 30 PLAZA COLOSOS        | CARRETERA PANAMERICANA  | HBSHOP   | 5676    | 4454        | 1                | 1426-2       | 084-4 |             |
| 230              | 5676           | 2           | 3           | 45            | 12           | 0              | 30             | 30               | 0 ELAMEX                | AV RIVERAL LARA         | NHB      | 4454    | 13616       | 1                | 1456-9       | 084-4 |             |
| 231              | 5676           | 3           | 12          | 0             | 0            | 9              | 35             | 10               | 0 DEL NORTE             | AV TECNOLOGICO Y EJER   | HBSHOP   | 13616   | 5665        | 1                | 145-0        | 488-9 |             |
| 231              | 7275           | 2           | 10          | 0             | 10           | 30             | 12             | 30               | 0 HIPERMART             | FASEO TRINFO DE LA RE   | NHB      | 7275    | 14683       | 1                | 104-2        | 452-7 |             |
| 231              | 7275           | 3           | 10          | 10            | 0            | 10             | 10             | 10               | 1 HERNANDEZ #9339       | HERNANDEZ #9339         | HBSHOP   | 16184   | 7275        | 1                | 142-7        | 205-6 |             |
| 232              | 5663           | 3           | 6           | 45            | 7            | 0              | 15             | 15               | 15 FUTURAMA JILOTEPEC   | CARRETERA JILOTEPEC     | NHB      | 5663    | 7280        | 1                | 142-7        | 455-0 |             |
| 232              | 5663           | 4           | 7           | 25            | 25           | 0              | 20             | 20               | 0 PRADERA DORADA        | MANUEL R. FLORES #9351  | HBSHOP   | 5663    | 14545       | 1                | 1455-0       | 452-7 |             |
| 233              | 5663           | 5           | 7           | 0             | 7            | 0              | 15             | 15               | 0 FAYESA                | PARQUE INDUSTRIAL BRAVO | NHB      | 5663    | 7771        | 1                | 124-2        | 455-0 |             |
| 234              | 15554          | 1           | 9           | 0             | 9            | 13             | 1              | 30               | 0 FARMACIA              | LINCOLN Y ZEMBALA       | NHB      | 15554   | 16224       | 1                | 104-4        | 073-6 |             |
| 234              | 15554          | 2           | 2           | 0             | 0            | 0              | 30             | 30               | 0 PRADERA DORADA        | LINCOLN Y ZEMBALA       | NHB      | 15554   | 16224       | 1                | 104-4        | 073-6 |             |
| 234              | 15554          | 3           | 5           | 0             | 9            | 30             | 9              | 30               | 0 PRADERA DORADA        | LINCOLN Y ZEMBALA       | NHB      | 15554   | 16224       | 1                | 104-4        | 073-6 |             |
| 234              | 15554          | 4           | 9           | 45            | 9            | 0              | 15             | 15               | 0 PRADERA DORADA        | RANCHOCITO TULE #3106   | NHB      | 15554   | 14545       | 1                | 104-4        | 073-6 |             |
| 234              | 15554          | 5           | 7           | 15            | 15           | 0              | 20             | 20               | 0 PRADERA DORADA        | RANCHOCITO TULE #3106   | NHB      | 15554   | 15554       | 1                | 104-4        | 073-6 |             |
| 234              | 15554          | 6           | 7           | 30            | 7            | 0              | 30             | 30               | 0 PRADERA DORADA        | RANCHOCITO TULE #3106   | NHB      | 15554   | 14545       | 1                | 104-4        | 073-6 |             |
| 234              | 15554          | 7           | 7           | 30            | 7            | 0              | 30             | 30               | 0 ESCUELA JUAREZ Y REF  | CALLE ISSAAC NEVTON CO  | HBOOTHER | 15554   | 16516       | 2                | 060-5        | 073-6 |             |
| 234              | 15554          | 8           | 8           | 0             | 0            | 12             | 12             | 12               | 0 PRADERA DORADA        | FANCHO TULE #3106       | HBOOTHER | 15554   | 16516       | 2                | 070-5        | 073-6 |             |
| 234              | 15554          | 9           | 12          | 58            | 1            | 0              | 12             | 58               | 0 ESCUELA JUAREZ YEEF   | ISSAC NEWTON COLONIA    | HBOOTHER | 15554   | 16516       | 2                | 070-5        | 050-5 |             |
| 234              | 15554          | 10          | 1           | 20            | 4            | 0              | 20             | 4                | 0 PRADERA DORADA        | FANCHO TULE #3106       | HBOOTHER | 15554   | 14545       | 1                | 1422-0       | 073-6 |             |
| 236              | 14554          | 1           | 5           | 30            | 5            | 0              | 15             | 12               | 0 CALLE BARRANCO AZUL X | RANCHOCITO TULE #3110   | NHB      | 2424    | 14554       | 1                | 1209-4       | 462-0 |             |
| 236              | 14554          | 2           | 45          | 12            | 15           | 2              | 15             | 15               | 0 CALLE BARRANCO AZUL X | RANCHOCITO TULE #3110   | NHB      | 2424    | 14554       | 1                | 1209-4       | 462-0 |             |
| 237              | 14513          | 1           | 7           | 15            | 15           | 7              | 15             | 15               | 0 CECATIZI              | PIERIA MEXICO SAN P     | NHB      | 14513   | 8833        | 1                | 161-1        | 208-4 |             |
| 237              | 14513          | 2           | 20          | 2             | 20           | 5              | 30             | 30               | 0 CECATIZI              | PIERIA MEXICO SAN P     | NHB      | 14513   | 8833        | 1                | 161-1        | 208-4 |             |
| 237              | 14513          | 3           | 1           | 30            | 1            | 0              | 30             | 30               | 0 SEGUR SOCL CLINI      | PIERIA MEXICO SAN P     | NHB      | 14513   | 8833        | 1                | 161-1        | 208-4 |             |
| 238              | 14513          | 2           | 3           | 45            | 3            | 0              | 30             | 30               | 0 SEGUR SOCL CLINI      | PIERIA MEXICO SAN P     | NHB      | 14513   | 8833        | 1                | 161-1        | 208-4 |             |
| 238              | 14513          | 3           | 3           | 45            | 5            | 0              | 30             | 30               | 0 PUEBLITO MEXICANO     | PIERIA MEXICO SAN P     | NHB      | 14513   | 8833        | 1                | 161-1        | 208-4 |             |
| 238              | 14513          | 4           | 7           | 30            | 7            | 0              | 30             | 30               | 0 PUEBLITO MEXICANO     | PIERIA MEXICO SAN P     | NHB      | 14513   | 8833        | 1                | 161-1        | 208-4 |             |
| 238              | 14513          | 5           | 7           | 40            | 7            | 0              | 30             | 30               | 0 GRUPO BERMUDEZ        | FRAY PEDRO DE GANTE 6   | NHB      | 14513   | 16778       | 1                | 049-2        | 208-4 |             |
| 238              | 14513          | 6           | 1           | 50            | 1            | 0              | 20             | 20               | 0 GRUPO BERMUDEZ        | FRAY PEDRO DE GANTE 6   | NHB      | 14513   | 16778       | 1                | 049-2        | 208-4 |             |
| 238              | 14513          | 7           | 2           | 50            | 6            | 0              | 20             | 20               | 0 GRUPO BERMUDEZ        | FRAY PEDRO DE GANTE 6   | NHB      | 14513   | 16778       | 1                | 049-2        | 208-4 |             |
| 238              | 14513          | 8           | 6           | 10            | 6            | 0              | 20             | 20               | 0 CENTRO DE LENGUAS U   | FRANCHO DEL TULE #3110  | NHB      | 14513   | 16779       | 1                | 049-2        | 208-4 |             |
| 238              | 14513          | 9           | 7           | 10            | 9            | 0              | 10             | 10               | 0 CENTRO DE LENGUAS U   | FRANCHO DEL TULE #3110  | NHB      | 14513   | 16779       | 1                | 049-2        | 208-4 |             |
| 238              | 14513          | 10          | 9           | 10            | 10           | 0              | 15             | 15               | 0 SANBORN S             | FRANCHO DEL TULE #3110  | NHB      | 14513   | 16779       | 1                | 049-2        | 208-4 |             |
| 238              | 14513          | 11          | 10          | 50            | 10           | 0              | 15             | 15               | 0 UNIVERSIDAD AUTONOM   | FRANCHO DEL TULE #3110  | NHB      | 16110   | 14513       | 1                | 1209-4       | 346-9 |             |
| 239              | 0              | 4           | 6           | 0             | 9            | 1              | 25             | 1                | 0 EL CHOCUE             | PLATARCO ELIAS CALLES   | NHB      | 2709    | 16254       | 1                | 1463-3       | 463-5 |             |
| 240              | 4774           | 2           | 1           | 1             | 0            | 1              | 30             | 2                | 45 CASA                 | GROSSELLAS #4543        | NHB      | 4774    | 15738       | 1                | 103-1        | 166-4 |             |
| 240              | 4774           | 3           | 3           | 30            | 7            | 0              | 10             | 7                | 0 EL CHOCUE             | PELUSAS CALLES E INSU   | NHB      | 4774    | 15738       | 1                | 103-1        | 166-4 |             |
| 240              | 4774           | 4           | 7           | 25            | 10           | 0              | 25             | 25               | 0 CASA MISMO            | GROSSELLAS #4543        | NHB      | 15738   | 4774        | 1                | 103-1        | 166-4 |             |
| 241              | 12845          | 1           | 2           | 40            | 7            | 0              | 9              | 9                | 0 MERCADO JUAREZ        | 16 DE SEPTIEMBRE Y CO   | NHB      | 12845   | 16778       | 1                | 084-4        | 082-5 |             |
| 241              | 12845          | 2           | 40          | 2             | 40           | 0              | 10             | 10               | 0 MERCADO JUAREZ        | 16 DE SEPTIEMBRE Y CO   | NHB      | 12845   | 16778       | 1                | 084-4        | 082-5 |             |
| 241              | 12845          | 3           | 2           | 40            | 3            | 0              | 10             | 10               | 0 MERCADO JUAREZ        | 16 DE SEPTIEMBRE Y CO   | NHB      | 12845   | 16778       | 1                | 084-4        | 082-5 |             |
| 242              | 14864          | 2           | 3           | 40            | 4            | 0              | 8              | 8                | 0 TECNOLOGICO           | PI DE LA REPUBLICA Y    | NHB      | 14864   | 14867       | 1                | 16390        | 205-6 |             |
| 242              | 14864          | 3           | 8           | 0             | 8            | 0              | 9              | 9                | 0 TECNOLOGICO           | PI DE LA REPUBLICA Y    | NHB      | 14867   | 16575       | 1                | 1204-1       | 204-1 |             |
| 242              | 14864          | 4           | 11          | 9             | 0            | 9              | 0              | 0                | 0 TECNOLOGICO           | PI DE LA REPUBLICA Y    | NHB      | 14867   | 16575       | 1                | 1204-1       | 204-1 |             |
| 242              | 14864          | 5           | 10          | 0             | 10           | 0              | 0              | 0                | 0 TECNOLOGICO           | PI DE LA REPUBLICA Y    | NHB      | 14867   | 16575       | 1                | 1204-1       | 204-1 |             |
| 243              | 13327          | 1           | 8           | 0             | 8            | 0              | 10             | 10               | 0 TECNOLOGICO           | PI DE LA REPUBLICA Y    | NHB      | 13327   | 16407       | 1                | 1204-1       | 204-1 |             |
| 243              | 13327          | 2           | 9           | 0             | 9            | 0              | 12             | 12               | 0 TECNOLOGICO           | PI DE LA REPUBLICA Y    | NHB      | 13327   | 16407       | 1                | 1204-1       | 204-1 |             |
| 243              | 13327          | 3           | 12          | 0             | 10           | 0              | 10             | 10               | 0 TECNOLOGICO           | PI DE LA REPUBLICA Y    | NHB      | 13327   | 16407       | 1                | 1204-1       | 204-1 |             |
| 243              | 13327          | 4           | 12          | 0             | 10           | 0              | 10             | 10               | 0 TECNOLOGICO           | PI DE LA REPUBLICA Y    | NHB      | 13327   | 16407       | 1                | 1204-1       | 204-1 |             |
| 244              | 15477          | 2           | 4           | 0             | 4            | 0              | 12             | 12               | 0 TECNOLOGICO           | PI DE LA REPUBLICA Y    | NHB      | 1475    | 16575       | 1                | 1204-1       | 204-1 |             |
| 244              | 15477          | 3           | 7           | 0             | 8            | 0              | 12             | 12               | 0 TECNOLOGICO           | PI DE LA REPUBLICA Y    | NHB      | 1475    | 16575       | 1                | 1204-1       | 204-1 |             |
| 244              | 15477          | 4           | 8           | 0             | 8            | 0              | 11             | 11               | 0 TECNOLOGICO           | PI DE LA REPUBLICA Y    | NHB      | 1475    | 16575       | 1                | 1204-1       | 204-1 |             |
| 244              | 15477          | 5           | 12          | 0             | 10           | 0              | 10             | 10               | 0 TECNOLOGICO           | PI DE LA REPUBLICA Y    | NHB      | 1475    | 16575       | 1                | 1204-1       | 204-1 |             |
| 245              | 0              | 2           | 12          | 0             | 10           | 0              | 10             | 10               | 0 TECNOLOGICO           | PI DE LA REPUBLICA Y    | NHB      | 1475    | 16575       | 1                | 1204-1       | 204-1 |             |
| 245              | 4788           | 1           | 10          | 0             | 10           | 0              | 10             | 10               | 0 TECNOLOGICO           | PI DE LA REPUBLICA Y    | NHB      | 4788    | 16407       | 1                | 1204-1       | 204-1 |             |
| 245              | 4788           | 2           | 12          | 0             | 10           | 0              | 10             | 10               | 0 TECNOLOGICO           | PI DE LA REPUBLICA Y    | NHB      | 4788    | 16407       | 1                | 1204-1       | 204-1 |             |
| 246              | 4188           | 3           | 10          | 0             | 10           | 0              | 10             | 10               | 0 TECNOLOGICO           | PI DE LA REPUBLICA Y    | NHB      | 4188    | 16407       | 1                | 1204-1       | 204-1 |             |
| 246              | 4188           | 4           | 12          | 0             | 10           | 0              | 10             | 10               | 0 TECNOLOGICO           | PI DE LA REPUBLICA Y    | NHB      | 4188    | 16407       | 1                | 1204-1       | 204-1 |             |
| 246              | 4188           | 5           | 12          | 0             | 10           | 0              | 10             | 10               | 0 TECNOLOGICO           | PI DE LA REPUBLICA Y    | NHB      | 4188    | 16407       | 1                | 1204-1       | 204-1 |             |
| 246              | 4188           | 6           | 30          | 0             | 30           | 0              | 12             | 12               | 0 TECNOLOGICO           | PI DE LA REPUBLICA Y    | NHB      | 4188    | 16407       | 1                | 1204-1       | 204-1 |             |
| 246              | 4188           | 7           | 12          | 0             | 10           | 0              | 10             | 10               | 0 TECNOLOGICO           | PI DE LA REPUBLICA Y    | NHB      | 4188    | 16407       | 1                | 1204-1       | 204-1 |             |
| 246              | 4188           | 8           | 12          | 0             | 10           | 0              | 10             | 10               | 0 TECNOLOGICO           | PI DE LA REPUBLICA Y    | NHB      | 4188    | 16407       | 1                | 1204-1       | 204-1 |             |
| 246              | 4188           | 9           | 12          | 0             | 10           | 0              | 10             | 10               | 0 TECNOLOGICO           | PI DE LA REPUBLICA Y    | NHB      | 4188    | 16407       | 1                | 1204-1       | 204-1 |             |
| 246              | 4188           | 10          | 12          | 0             | 10           | 0              | 10             | 10               | 0 TECNOLOGICO           | PI DE LA REPUBLICA Y    | NHB      | 4188    | 16407       | 1                | 1204-1       | 204-1 |             |
| 246              | 4188           | 11          | 12          | 0             | 10           | 0              | 10             | 10               | 0 TECNOLOGICO           | PI DE LA REPUBLICA Y    | NHB      | 4188    | 16407       | 1                | 1204-1       | 204-1 |             |
| 246              | 4188           | 12</td      |             |               |              |                |                |                  |                         |                         |          |         |             |                  |              |       |             |

| Household Number | Household Node | Trip Number | Origin Hour | Origin Minute | Arrival Hour | Arrival Minute | Departure Hour | Departure Minute | Destination Name | Address               | Destination Address      | Origin Node | Purpose | Trip Number | Destination Node | Origin Number | Destination | Origin AGEB | Destination AGEB |
|------------------|----------------|-------------|-------------|---------------|--------------|----------------|----------------|------------------|------------------|-----------------------|--------------------------|-------------|---------|-------------|------------------|---------------|-------------|-------------|------------------|
| 247              | 16380          | 2           | 6           | 30            | 7            | 0              | 9              | 0                | CASA             |                       |                          | 16711       | 16380   | 1           | 204-1            | 348-2         |             |             |                  |
| 248              | 17708          | 1           |             |               | 9            | 15             | 0              | 0                | 0 ITCA           |                       |                          | 17708       | 16380   | 1           | 204-1            | 357-1         |             |             |                  |
| 248              | 17708          | 2           |             |               | 3            | 35             | 3              | 3                | 50 HOGAR         |                       |                          | 16770       | 17708   | 1           | 049-2            | 204-1         |             |             |                  |
| 248              | 17708          | 4           |             |               | 4            | 20             | 10             | 0                | 0 ITCA           |                       |                          | 17708       | 16380   | 1           | 357-1            | 357-1         |             |             |                  |
| 248              | 17708          | 5           |             |               | 10           | 25             |                |                  |                  |                       |                          | 17708       | 17708   | 1           | 204-1            | 357-1         |             |             |                  |
| 249              | 15753          | 1           | 7           | 39            | 7            | 50             | 7              | 50               | ESC ABRAHAM GLZ  | HIDROGENA #1546 Y DAL | PASEO TRIUNFO DE LA R    | 16151       | 16151   | 1           | 1357-1           | 204-1         |             |             |                  |
| 249              | 15753          | 2           |             |               | 7            | 55             | 2              | 30               | ISSSTE           | 30 SUPEROTEL DEL RIO  | MARISCAL Y SAMANIEGO     | 16151       | 15103   | 1           | 347-8            | 047-3         |             |             |                  |
| 249              | 15753          | 3           |             |               | 2            | 55             | 3              | 40               | CASA DE LA MAMA  | 25 SUPEROTEL DEL RIO  | CAROLING DE 404 NTE FRAC | 15103       | 18507   | 1           | 358-0            | 347-8         |             |             |                  |
| 249              | 15753          | 4           |             |               | 3            | 45             |                |                  | HOGAR            | 40 DEL RIO            | GPE BRENA PONCE 8452.    | 18507       | 15753   | 1           | 1398-5           | 365-0         |             |             |                  |
| 249              | 15753          | 5           | 7           | 40            | 7            | 53             | 7              | 56               | ESC ABRAHAM GLZ  | 55 DEL RIO            | DOLLA MAGNIESIO          | 18507       | 15753   | 1           | 047-3            | 398-5         |             |             |                  |
| 249              | 15753          | 6           |             |               | 8            | 6              | 9              | 10               | 0 ITCA           | 10 DEL RIO            | PLAN DEEN LOS Y VILL     | 18507       | 17552   | 2           | 100-5            | 347-8         |             |             |                  |
| 249              | 15753          | 7           |             |               | 9            | 10             | 9              | 10               | 0 ITCA           | 10 DEL RIO            | FRANCISCO MIRAS Y OTUM   | 16151       | 12425   | 2           | 100-5            | 092-9         |             |             |                  |
| 249              | 15753          | 8           |             |               | 9            | 20             | 9              | 20               | 0 ITCA           | 10 DEL RIO            | MARISCAL Y SAMANIEGO     | 16151       | 12568   | 2           | 100-5            | 092-9         |             |             |                  |
| 249              | 15753          | 9           |             |               | 9            | 35             | 9              | 35               | 0 ITCA           | 10 DEL RIO            | MARISCAL Y SAMANIEGO     | 16151       | 12439   | 2           | 108-5            | 105-5         |             |             |                  |
| 249              | 15753          | 10          |             |               | 9            | 50             | 9              | 50               | 0 ITCA           | 10 DEL RIO            | 16 DE SEP Y CROMO        | 18507       | 12831   | 2           | 082-A            | 109-5         |             |             |                  |
| 249              | 15753          | 11          |             |               | 10           | 10             | 10             | 10               | 0 ITCA           | 10 DEL RIO            | 16 DE SEP Y ARROYO DE    | 18507       | 10456   | 2           | 364-1            | 398-5         |             |             |                  |
| 249              | 15753          | 12          |             |               | 10           | 15             | 10             | 15               | 0 ITCA           | 10 DEL RIO            | DOLLA MAGNIESIO          | 18507       | 10456   | 2           | 092-9            | 364-1         |             |             |                  |
| 249              | 15753          | 13          |             |               | 10           | 40             | 10             | 40               | 0 ITCA           | 10 DEL RIO            | PLAN DEEN LOS Y VILL     | 18507       | 17552   | 2           | 098-6            | 092-9         |             |             |                  |
| 249              | 15753          | 14          |             |               | 11           | 0              | 11             | 0                | 0 ITCA           | 10 DEL RIO            | FRANCISCO MIRAS Y OTUM   | 16151       | 12375   | 2           | 236-1            | 098-6         |             |             |                  |
| 249              | 15753          | 15          |             |               | 11           | 30             | 11             | 30               | 0 ITCA           | 10 DEL RIO            | MARISCAL Y SAMANIEGO     | 16151       | 13930   | 2           | 263-5            | 236-1         |             |             |                  |
| 249              | 15753          | 16          |             |               | 11           | 45             | 11             | 45               | 0 ITCA           | 10 DEL RIO            | NAVARIY PORFIRO DI       | 18507       | 6852    | 2           | 178-7            | 260-5         |             |             |                  |
| 249              | 15753          | 17          |             |               | 12           | 5              | 12             | 5                | 0 ITCA           | 10 DEL RIO            | AVALLADE JUAREZ Z        | 18507       | 4148    | 2           | 260-5            | 178-7         |             |             |                  |
| 249              | 15753          | 18          |             |               | 12           | 15             | 12             | 15               | 0 ITCA           | 10 DEL RIO            | COMERCIAL A JUAR         | 18507       | 6964    | 2           | 422-3            | 260-5         |             |             |                  |
| 249              | 15753          | 19          |             |               | 12           | 30             | 12             | 30               | 0 ITCA           | 10 DEL RIO            | JUAREZ - PORVENIR 841    | 18146       | 18172   | 2           | 212-6            | 422-3         |             |             |                  |
| 249              | 15753          | 20          |             |               | 12           | 43             | 12             | 43               | 0 ITCA           | 10 DEL RIO            | PASEO DEL BOSQUE Y PA    | 18172       | 12375   | 2           | 098-6            | 092-9         |             |             |                  |
| 249              | 15753          | 21          |             |               | 12           | 50             | 12             | 50               | 0 ITCA           | 10 DEL RIO            | PROVILVICENTE GRO. FRA   | 18475       | 18383   | 2           | 200-3            | 420-7         |             |             |                  |
| 249              | 15753          | 22          |             |               | 12           | 0              | 12             | 0                | 0 ITCA           | 10 DEL RIO            | SIGNIFICATIVO CAMPE      | 18383       | 15753   | 2           | 047-3            | 200-3         |             |             |                  |
| 249              | 15753          | 23          |             |               | 12           | 20             | 12             | 20               | 0 ITCA           | 10 DEL RIO            | AV DE LAS AMERICAS Y     | 18475       | 7843    | 2           | 041-6            | 047-3         |             |             |                  |
| 249              | 15753          | 24          |             |               | 12           | 30             | 12             | 30               | 0 ITCA           | 10 DEL RIO            | BOLIVIA Y VICENTE GRO    | 18475       | 15255   | 2           | 052-8            | 070-2         |             |             |                  |
| 249              | 15753          | 25          |             |               | 12           | 40             | 12             | 40               | 0 ITCA           | 10 DEL RIO            | PORFIRIO DIAZ 1289 Y     | 18383       | 15135   | 2           | 071-7            | 062-3         |             |             |                  |
| 249              | 15753          | 26          |             |               | 13           | 0              | 13             | 0                | 0 ITCA           | 10 DEL RIO            | EFE JUAN GABRIEL Y SA    | 18383       | 15135   | 2           | 071-7            | 062-3         |             |             |                  |
| 249              | 15753          | 27          |             |               | 13           | 40             | 13             | 40               | 0 ITCA           | 10 DEL RIO            | FRANCISCO MINAY OTUM     | 12005       | 12425   | 2           | 100-5            | 368-0         |             |             |                  |
| 249              | 15753          | 28          |             |               | 14           | 0              | 14             | 0                | 0 ITCA           | 10 DEL RIO            | GPE BRENA PONCE 8452.    | 18425       | 15753   | 2           | 047-3            | 100-5         |             |             |                  |
| 249              | 15753          | 29          |             |               | 14           | 50             | 14             | 50               | 0 ITCA           | 10 DEL RIO            | CASA                     | 18425       | 18425   | 2           | 1398-5           | 200-3         |             |             |                  |
| 250              | 18325          | 1           | 9           | 0             | 9            | 15             | 9              | 15               | 0 ITCA           | 10 DEL RIO            | VILLA FELIZ Y QUINTA     | 18428       | 18328   | 1           | 200-3            | 399-5         |             |             |                  |
| 250              | 18325          | 2           |             |               | 9            | 25             | 9              | 25               | 0 ITCA           | 10 DEL RIO            | GPE BRENA PONCE 8444.    | 18428       | 18428   | 1           | 398-5            | 200-3         |             |             |                  |
| 250              | 18325          | 3           |             |               | 12           | 0              | 12             | 0                | 0 ITCA           | 10 DEL RIO            | VILLA FEELIZ Y QUINTA    | 18428       | 18428   | 1           | 398-5            | 399-5         |             |             |                  |
| 250              | 18325          | 4           |             |               | 12           | 12             | 12             | 12               | 0 ITCA           | 10 DEL RIO            | P.T. DE LA REY Y PE      | 18428       | 18428   | 1           | 347-3            | 399-5         |             |             |                  |
| 250              | 18325          | 5           |             |               | 12           | 35             | 12             | 35               | 0 ITCA           | 10 DEL RIO            | ESC ABRAHAM GLZ          | 18428       | 18328   | 1           | 200-3            | 347-3         |             |             |                  |
| 251              | 12160          | 1           | 7           | 55            | 8            | 3              | 1              | 45               | EDM              | 16 SEP 455. EDIFICIO  | EDIFICIO                 | 16151       | 18328   | 1           | 084-4            | 368-0         |             |             |                  |
| 251              | 12160          | 2           |             |               | 50           | 1              | 50             | 30               | 0 ITCA           | 12160                 | 12160                    | 12160       | 12160   | 12906       | 1                | 084-4         | 368-0       |             |                  |
| 251              | 12160          | 3           |             |               | 50           | 2              | 50             | 30               | 0 ITCA           | 12160                 | INF 1415 COIL BAR        | 12145       | 12145   | 12145       | 2                | 366-0         | 084-4       |             |                  |
| 251              | 12160          | 4           |             |               | 50           | 5              | 50             | 5                | 0 ITCA           | 12160                 | REFORMA 1415 COIL BAR    | 12145       | 12145   | 12145       | 2                | 366-0         | 084-4       |             |                  |
| 251              | 12160          | 5           |             |               | 50           | 6              | 50             | 6                | 0 ITCA           | 12160                 | REFORMA 1415 COIL BAR    | 12145       | 12145   | 12145       | 2                | 366-0         | 084-4       |             |                  |
| 251              | 12160          | 6           |             |               | 50           | 35             | 50             | 35               | 0 ITCA           | 12160                 | REFORMA 1415 COIL BAR    | 12145       | 12145   | 12145       | 2                | 366-0         | 084-4       |             |                  |
| 251              | 12160          | 7           |             |               | 50           | 40             | 50             | 40               | 0 ITCA           | 12160                 | REFORMA 1415 COIL BAR    | 12145       | 12145   | 12145       | 2                | 366-0         | 084-4       |             |                  |
| 251              | 12160          | 8           |             |               | 50           | 7              | 50             | 7                | 0 ITCA           | 12160                 | REFORMA 1415 COIL BAR    | 12145       | 12145   | 12145       | 2                | 366-0         | 084-4       |             |                  |
| 251              | 12160          | 9           |             |               | 50           | 37             | 50             | 37               | 0 ITCA           | 12160                 | REFORMA 1415 COIL BAR    | 12145       | 12145   | 12145       | 2                | 366-0         | 084-4       |             |                  |
| 251              | 12160          | 10          |             |               | 50           | 25             | 50             | 25               | 0 ITCA           | 12160                 | REFORMA 1415 COIL BAR    | 12145       | 12145   | 12145       | 2                | 366-0         | 084-4       |             |                  |
| 251              | 12160          | 11          |             |               | 50           | 10             | 50             | 10               | 0 ITCA           | 12160                 | REFORMA 1415 COIL BAR    | 12145       | 12145   | 12145       | 2                | 366-0         | 084-4       |             |                  |
| 251              | 12160          | 12          |             |               | 50           | 27             | 50             | 27               | 0 ITCA           | 12160                 | REFORMA 1415 COIL BAR    | 12145       | 12145   | 12145       | 2                | 366-0         | 084-4       |             |                  |
| 251              | 12160          | 13          | 9           | 45            | 9            | 45             | 2              | 2                | 0 ITCA           | 12160                 | PARAGUAY A UNA CUADRA    | 12145       | 12145   | 12145       | 2                | 366-0         | 084-4       |             |                  |
| 251              | 12160          | 14          |             |               | 2            | 8              | 2              | 8                | 0 ITCA           | 12160                 | MINA Y MARISOL           | 12145       | 15344   | 15344       | 2                | 108-7         | 053-9       |             |                  |
| 251              | 12160          | 15          |             |               | 2            | 15             | 3              | 40               | 0 ITCA           | 12160                 | REFORMA 1415 COIL BAR    | 12145       | 12145   | 12145       | 2                | 366-0         | 064-7       |             |                  |
| 251              | 12160          | 16          |             |               | 3            | 45             | 6              | 30               | 0 ITCA           | 12160                 | AV DE LAS AMERICAS       | 12145       | 15934   | 15934       | 2                | 053-9         | 084-4       |             |                  |
| 251              | 12160          | 17          |             |               | 6            | 10             | 2              | 2                | 0 ITCA           | 12160                 | REFORMA 1415 COIL BAR    | 12145       | 12145   | 12145       | 2                | 366-0         | 084-4       |             |                  |
| 251              | 12160          | 18          |             |               | 6            | 10             | 2              | 2                | 0 ITCA           | 12160                 | REFORMA 1415 COIL BAR    | 12145       | 12145   | 12145       | 2                | 366-0         | 084-4       |             |                  |
| 251              | 12160          | 19          |             |               | 6            | 15             | 2              | 2                | 0 ITCA           | 12160                 | REFORMA 1415 COIL BAR    | 12145       | 12145   | 12145       | 2                | 366-0         | 084-4       |             |                  |
| 251              | 12160          | 20          |             |               | 6            | 20             | 2              | 2                | 0 ITCA           | 12160                 | REFORMA 1415 COIL BAR    | 12145       | 12145   | 12145       | 2                | 366-0         | 084-4       |             |                  |
| 251              | 12160          | 21          |             |               | 6            | 25             | 2              | 2                | 0 ITCA           | 12160                 | REFORMA 1415 COIL BAR    | 12145       | 12145   | 12145       | 2                | 366-0         | 084-4       |             |                  |
| 251              | 12160          | 22          |             |               | 6            | 30             | 2              | 2                | 0 ITCA           | 12160                 | REFORMA 1415 COIL BAR    | 12145       | 12145   | 12145       | 2                | 366-0         | 084-4       |             |                  |
| 251              | 12160          | 23          |             |               | 6            | 35             | 2              | 2                | 0 ITCA           | 12160                 | REFORMA 1415 COIL BAR    | 12145       | 12145   | 12145       | 2                | 366-0         | 084-4       |             |                  |
| 251              | 12160          | 24          |             |               | 6            | 40             | 2              | 2                | 0 ITCA           | 12160                 | REFORMA 1415 COIL BAR    | 12145       | 12145   | 12145       | 2                | 366-0         | 084-4       |             |                  |
| 251              | 12160          | 25          |             |               | 6            | 45             | 2              | 2                | 0 ITCA           | 12160                 | REFORMA 1415 COIL BAR    | 12145       | 12145   | 12145       | 2                | 366-0         | 084-4       |             |                  |
| 251              | 12160          | 26          |             |               | 6            | 50             | 2              | 2                | 0 ITCA           | 12160                 | REFORMA 1415 COIL BAR    | 12145       | 12145   | 12145       | 2                | 366-0         | 084-4       |             |                  |
| 251              | 12160          | 27          |             |               | 6            | 55             | 2              | 2                | 0 ITCA           | 12160                 | REFORMA 1415 COIL BAR    | 12145       | 12145   | 12145       | 2                | 366-0         | 084-4       |             |                  |
| 251              | 12160          | 28          |             |               | 6            | 1              | 2              | 1                | 0 ITCA           | 12160                 | REFORMA 1415 COIL BAR    | 12145       | 12145   | 12145       | 2                | 366-0         | 084-4       |             |                  |
| 251              | 12160          | 29          |             |               | 6            | 6              | 2              | 1                | 0 ITCA           | 12160                 | REFORMA 1415 COIL BAR    | 12145       | 12145   | 12145       | 2                | 366-0         | 084-4       |             |                  |
| 251              | 12160          | 30          |             |               | 6            | 11             | 2              | 1                | 0 ITCA           | 12160                 | REFORMA 1415 COIL BAR    | 12145       | 12145   | 12145       | 2                | 366-0         | 084-4       |             |                  |
| 251              | 12160          | 31          |             |               | 6            | 16             | 2              | 1                | 0 ITCA           | 12160                 | REFORMA 1415 COIL BAR    | 12145       | 12145   | 12145       | 2                | 366-0         | 084-4       |             |                  |
| 251              | 12160          | 32          |             |               | 6            | 21             | 2              | 1                | 0 ITCA           | 12160                 | REFORMA 1415 COIL BAR    | 12145       | 12145   | 12145       | 2                | 366-0         | 084-4       |             |                  |
| 251              | 12160</        |             |             |               |              |                |                |                  |                  |                       |                          |             |         |             |                  |               |             |             |                  |

| Household Number | Household Trip Number | Origin Hour | Origin Minute | Arrival Hour | Arrival Minute | Departure Hour | Departure Minute | Destination Name   | Address                | Destination Type       | Origin Node | Purpose | Destination Node | Vehicle Number | Origin AGEB | Destination AGEB | Origin | Destination |
|------------------|-----------------------|-------------|---------------|--------------|----------------|----------------|------------------|--------------------|------------------------|------------------------|-------------|---------|------------------|----------------|-------------|------------------|--------|-------------|
| 254.             | 15579                 | 3           |               | 8            | 45             | 8              | 30               | ESC PRIM NICOLAS B | MAR AV FUENTES Y PE    | HBOOTHER               | 15579       | 14779   | 1                | 274-7          | 352-9       |                  |        |             |
| 254.             | 15579                 | 4           |               | 9            |                | 10             | 30               | CENTRO TEC AMERICA | MAR DE LAS ANTILLAS 1  | HBOOTHER               | 14779       | 12837   | 1                | 084-4          | 274-7       |                  |        |             |
| 254.             | 15579                 | 5           |               | 11           | 30             | 10             | 3                | O ITCA             | AV TECNOLOGICO SIN     | HBSCHOOL               | 15579       | 15579   | 1                | 1352-9         | 084-4       |                  |        |             |
| 254.             | 15579                 | 6           |               | 11           | 50             | 10             | 3                | 3                  | MAR DE LAS ANTILLAS 1  | HBOOTHER               | 15579       | 16380   | 1                | 204-1          | 352-9       |                  |        |             |
| 254.             | 15579                 | 7           |               | 10           | 0              | 10             | 7                | 0                  | O FUTOPAMA JILOTEPEC   | HBNW                   | 4784        | 7280    | 1                | 452-7          | 166-4       |                  |        |             |
| 255.             | 4784                  | 1           | 10            | 0            | 7              | 10             | 9                | 0                  | O CASA                 | ZIRAHUEN Y MORELIA     | HBNW        | 4798    | 4798             | 1              | 166-4       | 452-7            |        |             |
| 256.             | 4784                  | 2           |               | 9            |                | 10             | 50               | 0                  | 50                     | RIVERA LARA Y VALENTI  | HBSOCIAL    | 13608   | 4784             | 1              | 166-9       | 166-4            |        |             |
| 256.             | 4784                  | 3           |               | 11           | 20             | 10             | 50               | 0                  | CASA                   | ZIRAHUEN Y MORELIA     | HBSOCIAL    | 13608   | 4784             | 1              | 166-4       | 466-9            |        |             |
| 256.             | 4784                  | 4           |               | 11           | 40             | 10             | 50               | 0                  | CASA                   | AV TECNOLOGICO Y AVR   | HBSCHOOL    | 4766    | 16407            | 1              | 1273-2      | 166-4            |        |             |
| 257.             | 4766                  | 1           | 6             | 30           | 7              | 0              | 9                | 0                  | O ESCUELA              | AV TECNOLOGICO Y AVR   | HBNW        | 16407   | 16407            | 1              | 1273-2      | 166-4            |        |             |
| 257.             | 4766                  | 2           |               | 9            | 7              | 4              | 10               | 0                  | O CONCILIACION Y ARBIT | CORVA DE SAN LORENZO   | NHB         | 16770   | 16407            | 1              | 048-2       | 273-2            |        |             |
| 257.             | 4766                  | 3           |               | 4            | 5              | 10             | 15               | 0                  | O ESCUELA              | MORELIA Y TIRARACUA    | HBSCHOOL    | 16407   | 4766             | 1              | 166-4       | 273-2            |        |             |
| 257.             | 4766                  | 4           |               | 0            | 0              | 10             | 15               | 0                  | O HOGAR                | MORELIA Y TIRARACUA    | HBNW        | 16770   | 16407            | 1              | 083-9       | 166-4            |        |             |
| 258.             | 4766                  | 1           | 6             | 0            | 6              | 30             | 4                | 0                  | O ELANIK               | INSURGENTES 4145       | NHB         | 12119   | 12119            | 1              | 107-9       | 085-9            |        |             |
| 258.             | 4766                  | 2           |               | 4            | 5              | 10             | 15               | 0                  | O CASA (FAMILIAR)      | VICENTE GUERRERO Y GO  | NHB         | 12119   | 15753            | 1              | 1273-2      | 085-9            |        |             |
| 258.             | 4766                  | 3           |               | 6            | 0              | 8              | 10               | 0                  | O DEPORTIVO            | AV TECNOLOGICO Y EJER  | NHB         | 15753   | 14877            | 1              | 129-4       | 047-3            |        |             |
| 258.             | 4766                  | 4           |               | 8            | 40             | 10             | 15               | 2                  | O HOGAR                | MORELIA Y TIRARACUA    | HBSOCIAL    | 14877   | 4766             | 1              | 166-4       | 203-4            |        |             |
| 259.             | 4789                  | 1           | 9             | 0            | 9              | 0              | 6                | 0                  | O PERFILES METALICOS   | CASA GDES Y RIVERA LA  | HBNW        | 4798    | 13552            | 1              | 1431-5      | 166-4            |        |             |
| 259.             | 4789                  | 2           |               | 7            |                | 30             | 6                | 0                  | O HOGAR                | MORELIA Y ZIRAHUEN     | HBNW        | 4798    | 4784             | 1              | 166-4       | 431-5            |        |             |
| 260.             | 4774                  | 1           | 8             | 0            | 8              | 10             | 8                | 20                 | O ESC PRIM NICOLAS B   | JILOTEPEC LONDON       | HBSCHOOL    | 4774    | 4436             | 1              | 1216-4      | 166-4            |        |             |
| 260.             | 4774                  | 2           |               | 9            |                | 20             | 10               | 40                 | O PERFILES METALICOS   | CARRETERA CASA G Y TE  | NHB         | 4436    | 13548            | 1              | 2272-2      | 216-4            |        |             |
| 260.             | 4774                  | 3           |               | 9            |                | 30             | 7                | 0                  | O CASA                 | GROSSELLA 5451         | HBNW        | 13548   | 4774             | 1              | 166-4       | 216-4            |        |             |
| 260.             | 4774                  | 4           |               | 7            | 20             | 10             | 15               | 0                  | O CORDITAS ELATORON    | JILOTEPEC Y CARRETERA  | HBNW        | 4774    | 4198             | 2              | 177-2       | 166-4            |        |             |
| 260.             | 4774                  | 5           |               | 7            | 20             | 10             | 15               | 0                  | O CASA                 | GROSSELLA 5451         | HBNW        | 4198    | 4774             | 2              | 168-4       | 177-2            |        |             |
| 261.             | 7980                  | 1           | 10            | 0            | 10             | 1              | 0                | 0                  | O GIESLA               | PANAMERICANA Y JILOTE  | HBOOTHER    | 7980    | 4188             | 1              | 177-2       | 419-4            |        |             |
| 261.             | 7980                  | 2           |               | 1            | 15             | 15             | 6                | 30                 | O HOGAR                | JIQUIPAN Y MORELLA 7   | HBNW        | 7980    | 4188             | 1              | 177-2       | 419-4            |        |             |
| 261.             | 7980                  | 3           |               | 6            | 40             | 9              | 30               | 0                  | O GIESLA               | PANAMERICANA Y JILOTE  | HBNW        | 7980    | 4188             | 1              | 177-2       | 419-4            |        |             |
| 262.             | 7980                  | 1           | 10            | 30           | 11             | 45             | 3                | 0                  | O CIELO VICTORIA SUE   | EL PASO VICTORIA SUE   | NHB         | 9994    | 7980             | 1              | 137-1       | 419-4            |        |             |
| 262.             | 7980                  | 2           |               | 3            | 40             | 40             | 6                | 0                  | O CASA MAMA            | BOLIVIA Y VICTORIA SUE | NHB         | 9994    | 11430            | 1              | 130-5       | 371-1            |        |             |
| 262.             | 7980                  | 3           |               | 7            | 0              | 10             | 15               | 6                  | O CASA                 | JIQUIPAN Y MORELLA     | HBSOCIAL    | 11430   | 7980             | 1              | 1419-4      | 30-8             |        |             |
| 263.             | 4765                  | 1           | 7             | 0            | 9              | 30             | 6                | 0                  | O FOVISTE              | JIQUIPAN Y MORELLA     | HBNW        | 12391   | 4765             | 1              | 1089-0      | 166-4            |        |             |
| 263.             | 4765                  | 2           |               | 9            |                | 30             | 6                | 0                  | O CASA                 | PLUTARCO ELIAS CALLES  | NHB         | 12391   | 15553            | 1              | 1073-6      | 098-9            |        |             |
| 263.             | 4765                  | 3           |               | 6            | 25             | 11             | 45               | 0                  | O CASA                 | JIUDICAL ESTATAL       | HBNW        | 12391   | 15553            | 1              | 099-0       | 073-6            |        |             |
| 264.             | 4765                  | 1           | 9             | 45           | 10             | 0              | 6                | 30                 | O SEGURO SOCIAL        | VALIENTIN FUENTES Y EJ | HBNW        | 4765    | 14386            | 1              | 130-0       | 166-4            |        |             |
| 264.             | 4765                  | 2           |               | 6            | 45             | 10             | 0                | 6                  | O CASA                 | PARIQUARIO Y MORELLA   | HBNW        | 14386   | 4765             | 1              | 166-4       | 430-0            |        |             |
| 265.             | 7980                  | 1           | 0             | 9            | 0              | 30             | 10               | 0                  | O CASA                 | PLUTARCO Y CALLES YV   | HBNW        | 7980    | 9995             | 1              | 146-8       | 419-4            |        |             |
| 265.             | 7980                  | 2           |               | 1            | 0              | 2              | 45               | 0                  | O CASA                 | JIQUIPAN Y MORELLA     | HBNW        | 7980    | 15773            | 1              | 1419-4      | 048-8            |        |             |
| 265.             | 7980                  | 3           |               | 3            | 0              | 7              | 0                | 0                  | O CASA                 | JIQUIPAN Y MORELLA     | HBNW        | 7980    | 4783             | 1              | 1048-7      | 528-1            |        |             |
| 266.             | 4784                  | 1           | 7             | 30           | 8              | 0              | 2                | 0                  | O CASA                 | JIUDICIAL ESTATAL      | HBNW        | 4784    | 15773            | 1              | 1217-2      | 070-2            |        |             |
| 267.             | 4784                  | 2           |               | 7            | 30             | 8              | 0                | 2                  | O CASA                 | JIUDINDRA Y MORELLA    | HBNW        | 16407   | 4784             | 1              | 1273-2      | 166-4            |        |             |
| 268.             | 7980                  | 1           | 8             | 30           | 10             | 0              | 6                | 0                  | O CASA                 | LEE TREVINO Y MONTVOO  | HBNW        | 7980    | 9995             | 1              | 1477-1      | 419-4            |        |             |
| 268.             | 7980                  | 2           |               | 7            | 0              | 10             | 0                | 0                  | O CASA                 | JIQUIPAN Y MORELLA     | NHB         | 9995    | 7980             | 2              | 1419-4      | 371-1            |        |             |
| 268.             | 7980                  | 3           |               | 8            | 0              | 10             | 0                | 45                 | O CASA                 | JIQUIPAN Y MORELLA     | HBNW        | 7980    | 4783             | 1              | 1048-7      | 528-1            |        |             |
| 269.             | 4783                  | 1           | 7             | 45           | 8              | 0              | 8                | 45                 | O CASA                 | COLOMBIA Y PLANE DE AY | HBNW        | 7980    | 7135             | 1              | 128-1       | 179-1            |        |             |
| 269.             | 4783                  | 2           |               | 9            | 50             | 9              | 5                | 10                 | O CASA                 | AV TECNOLOGICO Y TRIU  | HBNW        | 12172   | 4783             | 1              | 1419-4      | 048-8            |        |             |
| 269.             | 4783                  | 3           |               | 10           | 45             | 10             | 6                | 40                 | O CASA                 | ACUEDUCTO Y OACUDE     | NHB         | 12172   | 16774            | 1              | 070-2       | 070-2            |        |             |
| 269.             | 4783                  | 4           |               | 7            | 0              | 15             | 2                | 0                  | O CASA                 | ERENDIRA Y MORELLA     | HBNW        | 12391   | 12391            | 1              | 099-0       | 049-2            |        |             |
| 270.             | 4783                  | 1           | 8             | 30           | 9              | 0              | 2                | 0                  | O CASA                 | JIUDINDRA Y MORELLA    | HBNW        | 4783    | 4783             | 1              | 129-3       | 093-0            |        |             |
| 270.             | 4783                  | 2           |               | 7            | 45             | 8              | 0                | 45                 | O CASA                 | JIUDINDRA Y MORELLA    | HBNW        | 4783    | 12608            | 1              | 1466-9      | 096-7            |        |             |
| 270.             | 4783                  | 3           |               | 8            | 0              | 10             | 0                | 10                 | O CASA                 | JIUDINDRA Y MORELLA    | HBNW        | 4783    | 12608            | 1              | 1466-9      | 273-2            |        |             |
| 271.             | 14358                 | 1           | 7             | 0            | 7              | 15             | 0                | 15                 | O CASA                 | JIUDINDRA Y MORELLA    | HBNW        | 14358   | 4783             | 1              | 1419-4      | 419-4            |        |             |
| 271.             | 14358                 | 2           |               | 1            | 7              | 15             | 0                | 15                 | O CASA                 | JIUDINDRA Y MORELLA    | HBNW        | 14358   | 4783             | 1              | 1419-4      | 419-4            |        |             |
| 271.             | 14358                 | 3           |               | 1            | 11             | 0              | 11               | 0                  | O CASA                 | JIUDINDRA Y MORELLA    | HBNW        | 14358   | 4783             | 1              | 1419-4      | 419-4            |        |             |
| 271.             | 14358                 | 4           |               | 1            | 15             | 15             | 3                | 1                  | O CASA                 | JIUDINDRA Y MORELLA    | HBNW        | 14358   | 4783             | 1              | 1419-4      | 419-4            |        |             |
| 272.             | 14358                 | 1           | 5             | 0            | 6              | 40             | 25               | 4                  | O CASA                 | PARQUE JUAREZ          | HBNW        | 14358   | 13577            | 1              | 1429-3      | 429-3            |        |             |
| 272.             | 14358                 | 2           |               | 6            | 40             | 40             | 10               | 4                  | O CASA                 | PARQUE JUAREZ          | HBNW        | 14358   | 13577            | 1              | 1429-3      | 429-3            |        |             |
| 272.             | 14358                 | 3           |               | 6            | 40             | 40             | 10               | 4                  | O CASA                 | PARQUE JUAREZ          | HBNW        | 14358   | 13577            | 1              | 1429-3      | 429-3            |        |             |
| 272.             | 14358                 | 4           |               | 6            | 40             | 40             | 10               | 4                  | O CASA                 | PARQUE JUAREZ          | HBNW        | 14358   | 13577            | 1              | 1429-3      | 429-3            |        |             |
| 273.             | 14358                 | 5           |               | 6            | 40             | 40             | 10               | 4                  | O CASA                 | PARQUE JUAREZ          | HBNW        | 14358   | 13577            | 1              | 1429-3      | 429-3            |        |             |
| 274.             | 14358                 | 1           | 6             | 15           | 6              | 30             | 6                | 30                 | O CASA                 | DAMASSO ALONSO 2707    | HBNW        | 14358   | 13577            | 1              | 1429-3      | 429-3            |        |             |
| 274.             | 14358                 | 2           |               | 6            | 15             | 6              | 30               | 6                  | O CASA                 | DAMASSO ALONSO 2707    | HBNW        | 14358   | 13577            | 1              | 1429-3      | 429-3            |        |             |
| 274.             | 14358                 | 3           |               | 6            | 15             | 6              | 30               | 6                  | O CASA                 | DAMASSO ALONSO 2707    | HBNW        | 14358   | 13577            | 1              | 1429-3      | 429-3            |        |             |
| 274.             | 14358                 | 4           |               | 6            | 15             | 6              | 30               | 6                  | O CASA                 | DAMASSO ALONSO 2707    | HBNW        | 14358   | 13577            | 1              | 1429-3      | 429-3            |        |             |
| 275.             | 14358                 | 1           | 0             | 11           | 0              | 11             | 0                | 11                 | O CASA                 | DAMASSO ALONSO 2707    | HBNW        | 14358   | 13577            | 1              | 1429-3      | 429-3            |        |             |
| 275.             | 14358                 | 2           |               | 15           | 0              | 8              | 0                | 8                  | O CASA                 | DAMASSO ALONSO 2707    | HBNW        | 14358   | 13577            | 1              | 1429-3      | 429-3            |        |             |
| 275.             | 14358                 | 3           |               | 15           | 0              | 8              | 0                | 8                  | O CASA                 | DAMASSO ALONSO 2707    | HBNW        | 14358   | 13577            | 1              | 1429-3      | 429-3            |        |             |
| 275.             | 14358                 | 4           |               | 15           | 0              | 8              | 0                | 8                  | O CASA                 | DAMASSO ALONSO 2707    | HBNW        | 14358   | 13577            | 1              | 1429-3      | 429-3            |        |             |
| 276.             | 14358                 | 1           | 0             | 11           | 0              | 11             | 0                | 11                 | O CASA                 | DAMASSO ALONSO 2707    | HBNW        | 14358   | 13577            | 1              | 1429-3      | 429-3            |        |             |
| 276.             | 14358                 | 2           |               | 15           | 0              | 11             | 0                | 11                 | O CASA                 | DAMASSO ALONSO 2707    | HBNW        | 14358   | 13577            | 1              | 1429-3      | 429-3            |        |             |
| 276.             | 14358                 | 3           |               | 15           | 0              | 11             | 0                | 11                 | O CASA                 | DAMASSO ALONSO 2707    | HBNW        | 14358   | 13577            | 1              | 1429-3      | 429-3            |        |             |
| 276.             | 14358                 | 4           |               | 15           | 0              | 11             | 0                | 11                 | O CASA                 | DAMASSO ALONSO 2707    | HBNW        | 14358   | 13577            | 1              | 1429-3      | 429-3            |        |             |
| 277.             | 14302                 | 1           | 0             | 11           | 0              | 11             | 0                | 11                 | O CASA                 | PARQUE JUAREZ          | HBNW        | 15777   | 14362            | 1              | 1429-3      | 086-3            |        |             |
| 277.             | 14302                 | 2           |               | 15           | 0              | 11             | 0                | 11                 | O CASA                 | PARQUE JUAREZ          | HBNW        | 15777   | 14362            | 1              | 1429-3      | 086-3            |        |             |
| 277.             | 14302                 | 3           |               | 15           | 0              | 11             | 0                | 11                 | O CASA                 | PARQUE JUAREZ          | HBNW        | 15777   | 14362            | 1              | 1429-3      | 086-3            |        |             |
| 277.             | 14302                 | 4           |               | 15           | 0              | 11             | 0                | 11                 | O CASA                 | PARQUE JUAREZ          | HBNW        | 15777   | 14362            | 1              | 1429-3</    |                  |        |             |

| Household Number | Household Node | Trip Number | Origin Hour | Origin Minute | Arrival Hour | Arrival Minute | Departure Hour | Departure Minute                 | Destination Name                     | Address                | Purpose | Origin Node | Destination Node | Vehicle Number | Destination | Origin | AgeB  |
|------------------|----------------|-------------|-------------|---------------|--------------|----------------|----------------|----------------------------------|--------------------------------------|------------------------|---------|-------------|------------------|----------------|-------------|--------|-------|
| 278              | 14626          | 4           | 11          | 0             | 9            | 30             | 0              | 8                                | CASA CIRO BAYO                       | HBWV                   | 14626   | 14626       | 1                | 208-A          | 208-A       | 208-A  |       |
| 279              | 14625          | 1           | 9           | 0             | 9            | 0              | 3              | 3                                | 0 MERCADO HIDALGO CALLE MINA         | HBWV                   | 14625   | 12029       | 1                | 111-3          | 111-3       | 208-A  |       |
| 280              | 14625          | 2           | 9           | 0             | 9            | 15             | 3              | 0                                | RAFAEL A ARRIBETIA CASA              | HBWV                   | 14625   | 14625       | 1                | 208-A          | 208-A       | 208-A  |       |
| 280              | 14625          | 3           | 3           | 20            | 8            | 0              | 0              | 0                                | BLUICOMER AV TECNOLOGICO             | HBWV                   | 14625   | 14625       | 1                | 205-6          | 205-6       | 205-6  |       |
| 281              | 13588          | 1           | 6           | 30            | 6            | 9              | 0              | 0                                | 301 SORIANA                          | HBSCHOOL               | 14625   | 14625       | 1                | 208-A          | 208-A       | 208-A  |       |
| 281              | 13588          | 2           | 1           | 20            | 3            | 0              | 7              | 0                                | AV TECNOLOGICO                       | HESCHOOL               | 14625   | 13588       | 1                | 204-1          | 204-1       | 385-3  |       |
| 282              | 14597          | 1           | 7           | 0             | 8            | 0              | 4              | 0                                | JAVIER DEOSRIOS 54                   | HBSCHOOL               | 14625   | 13588       | 1                | 385-3          | 204-1       | 385-3  |       |
| 282              | 14597          | 2           | 5           | 0             | 5            | 0              | 0              | 0                                | COL HIDALGO                          | HBWV                   | 14597   | 15971       | 1                | 054-3          | 486-9       | 486-9  |       |
| 283              | 14379          | 1           | 7           | 50            | 8            | 0              | 10             | 0                                | JOSE REVELTAS 7816 INF CASAS GRANDES | HBWV                   | 14597   | 14597       | 1                | 486-9          | 054-3       | 054-3  |       |
| 283              | 14379          | 2           | 10          | 15            | 8            | 0              | 0              | 0                                | CASA GARCIA MARQUEZ 1823             | HBWV                   | 14379   | 14379       | 1                | 208-A          | 208-A       | 208-A  |       |
| 284              | 14380          | 1           | 7           | 0             | 7            | 10             | 4              | 0                                | SEGURO NVO                           | HBWV                   | 14350   | 14350       | 1                | 486-9          | 429-3       | 429-3  |       |
| 284              | 14380          | 2           | 4           | 30            | 6            | 0              | 0              | 0                                | DAMASO ALONSO 2704                   | NHB                    | 14350   | 12803       | 1                | 081-0          | 486-9       | 486-9  |       |
| 284              | 14380          | 3           | 30          | 7             | 0            | 4              | 0              | 0                                | CASA                                 | HBWV                   | 14380   | 14380       | 1                | 429-3          | 081-0       | 081-0  |       |
| 285              | 14584          | 1           | 6           | 30            | 7            | 0              | 4              | 0                                | ARMENES DE JUAREZ RAMON RIVERA LARA  | HBWV                   | 14584   | 13596       | 1                | 385-3          | 465-4       | 465-4  |       |
| 285              | 14584          | 2           | 4           | 20            | 7            | 0              | 2              | 0                                | VALENTIN FUENTES                     | HBWV                   | 14584   | 13596       | 1                | 486-9          | 385-3       | 385-3  |       |
| 286              | 14350          | 1           | 6           | 0             | 7            | 0              | 2              | 0                                | 0 PANADERIA CRISTA RE                | HBWV                   | 14350   | 11365       | 1                | 137-8          | 486-9       | 486-9  |       |
| 286              | 14350          | 2           | 3           | 0             | 5            | 0              | 0              | 0                                | VALENTIN FUENTES 2740                | HBWV                   | 14350   | 14350       | 1                | 486-9          | 137-8       | 137-8  |       |
| 286              | 14350          | 3           | 0           | 11            | 0            | 2              | 0              | 0                                | CALLE TILOTEPEC                      | HESCHOOL               | 14350   | 12803       | 1                | 486-9          | 486-9       | 486-9  |       |
| 287              | 14584          | 1           | 10          | 0             | 11           | 0              | 2              | 0                                | 0 CASA                               | HESCHOOL               | 14584   | 12842       | 1                | 097-1          | 485-4       | 485-4  |       |
| 287              | 14584          | 2           | 3           | 0             | 7            | 0              | 4              | 0                                | VALENTIN FUENTES 2744                | HBWV                   | 14584   | 14584       | 1                | 486-4          | 097-1       | 097-1  |       |
| 288              | 14584          | 1           | 8           | 30            | 9            | 0              | 3              | 0                                | 0 CERRADA 72-A AFAC                  | HBWV                   | 14584   | 16377       | 1                | 272-2          | 486-4       | 486-4  |       |
| 288              | 14584          | 2           | 3           | 20            | 9            | 0              | 3              | 0                                | 0 VALENTIN FUENTES 2746              | HBWV                   | 16577   | 14594       | 1                | 485-4          | 273-2       | 273-2  |       |
| 288              | 14584          | 3           | 1           | 40            | 2            | 0              | 3              | 0                                | 0 AV TECNOLOGICO                     | NHB                    | 14584   | 16575       | 1                | 204-1          | 485-4       | 485-4  |       |
| 289              | 14584          | 1           | 0           | 4             | 25           | 4              | 0              | 0                                | 0 CAMINO VIEJO A SAN JO              | HBWV                   | 16575   | 14056       | 1                | 200-3          | 486-9       | 486-9  |       |
| 289              | 14584          | 2           | 20          | 8             | 20           | 1              | 0              | 0                                | 0 VALENTIN FUENTES 2750              | NHB                    | 14059   | 14584       | 1                | 204-1          | 204-1       | 204-1  |       |
| 289              | 14584          | 3           | 0           | 30            | 3            | 0              | 5              | 0                                | 0 CASA                               | HBWV                   | 14280   | 14280       | 1                | 207-5          | 485-4       | 485-4  |       |
| 290              | 14584          | 1           | 5           | 50            | 6            | 30             | 4              | 0                                | 0 PARQUE INDUSTRIAL AJU              | HBWV                   | 14280   | 14594       | 1                | 485-4          | 485-4       | 485-4  |       |
| 290              | 14584          | 2           | 5           | 0             | 5            | 0              | 0              | 0                                | 0 CASA                               | PRONAF                 | 14280   | 14594       | 1                | 485-4          | 485-4       | 485-4  |       |
| 291              | 0              | 2           | 1           | 0             | 1            | 0              | 0              | 0                                | 0 CASA                               | HBWV                   | 16112   | 13544       | 1                | 046-9          | 046-9       | 046-9  |       |
| 291              | 0              | 3           | 40          | 2             | 0            | 0              | 3              | 0                                | 0 ITICJ                              | NHB                    | 15944   | 13849       | 1                | 486-9          | 486-9       | 486-9  |       |
| 291              | 0              | 3           | 20          | 8             | 20           | 1              | 0              | 0                                | 0 BDOO                               | HBWV                   | 13649   | 18291       | 1                | 200-3          | 486-9       | 486-9  |       |
| 291              | 0              | 5           | 0           | 30            | 3            | 0              | 5              | 0                                | 0 BDOO                               | NHB                    | 18291   | 18291       | 2                | 200-3          | 200-3       | 200-3  |       |
| 291              | 0              | 6           | 30          | 5             | 0            | 5              | 0              | 0                                | 0 CASA                               | HBWV                   | 14280   | 2           | 486-9            | 200-3          | 200-3       |        |       |
| 291              | 0              | 7           | 0           | 30            | 6            | 10             | 0              | 0                                | 0 ITICJ                              | NHB                    | 14280   | 16575       | 1                | 204-1          | 486-9       | 486-9  |       |
| 291              | 0              | 9           | 7           | 30            | 7            | 0              | 8              | 0                                | 0 MUEBLES ZTECA                      | NHB                    | 16575   | 15447       | 3                | 350-A          | 204-1       | 204-1  |       |
| 292              | 13532          | 1           | 6           | 0             | 8            | 0              | 5              | 0                                | 0 CASA                               | HBWV                   | 13532   | 98986       | 1                | 371-1          | 512-0       | 512-0  |       |
| 292              | 13532          | 2           | 1           | 30            | 7            | 0              | 0              | 0                                | 0 ALTOZ HORNOS 5312                  | HBWV                   | 13532   | 13232       | 1                | 371-1          | 371-1       | 371-1  |       |
| 293              | 13532          | 1           | 9           | 30            | 9            | 0              | 5              | 0                                | 0 CASA                               | HBWV                   | 16781   | 16781       | 1                | 348-2          | 512-0       | 512-0  |       |
| 293              | 13532          | 2           | 7           | 0             | 5            | 15             | 9              | 0                                | 0 REY MEXICANO                       | NHB                    | 13532   | 1596        | 1                | 231-9          | 512-0       | 512-0  |       |
| 293              | 13532          | 3           | 9           | 15            | 15           | 0              | 11             | 20                               | 0 COL OMAS SJOSUE                    | NHB                    | 13532   | 13532       | 1                | 350-A          | 231-9       | 231-9  |       |
| 294              | 13532          | 4           | 11          | 0             | 1            | 0              | 20             | 2                                | 0 COLONIA EL GRANERO                 | NHB                    | 13532   | 13448       | 1                | 180-4          | 433-4       | 433-4  |       |
| 295              | 13532          | 6           | 1           | 20            | 8            | 0              | 0              | 0 ALTOZ HORNOS 5315              | NHB                                  | 16575                  | 5569    | 1           | 182-3            | 512-0          | 512-0       |        |       |
| 295              | 13532          | 7           | 1           | 30            | 9            | 0              | 5              | 0                                | 0 CURVA DE SANTO DOMINGO             | HBWV                   | 13532   | 13232       | 1                | 182-3          | 512-0       | 512-0  |       |
| 295              | 13532          | 8           | 8           | 0             | 8            | 20             | 5              | 30                               | 0 CASA                               | HBWV                   | 13532   | 157151      | 2                | 088-1          | 512-0       | 512-0  |       |
| 296              | 13532          | 9           | 7           | 15            | 9            | 0              | 45             | 5                                | 0 CASA                               | HBWV                   | 16751   | 13532       | 2                | 088-1          | 088-1       | 088-1  |       |
| 296              | 13532          | 4           | 9           | 15            | 15           | 0              | 6              | 20                               | 0 CASA                               | NHB                    | 13532   | 13532       | 1                | 224-9          | 512-0       | 512-0  |       |
| 296              | 13532          | 5           | 6           | 30            | 8            | 0              | 8              | 20                               | 0 CALLE MONTA 8731                   | NHB                    | 13532   | 3395        | 1                | 170-0          | 224-9       | 224-9  |       |
| 297              | 13532          | 1           | 8           | 0             | 8            | 20             | 8              | 0                                | 0 ZIOTEPEY PANAMERIC                 | HBWV                   | 13532   | 4188        | 1                | 177-2          | 512-0       | 512-0  |       |
| 297              | 13532          | 2           | 1           | 30            | 9            | 0              | 7              | 10                               | 0 CASA                               | HBWV                   | 4188    | 13532       | 1                | 177-2          | 512-0       | 512-0  |       |
| 297              | 13532          | 3           | 7           | 15            | 9            | 0              | 0              | 0 SANTIAGO BLANCOS Y TORRES DELP | NHB                                  | 13532                  | 5569    | 1           | 177-2            | 512-0          | 512-0       |        |       |
| 297              | 13532          | 4           | 10          | 15            | 9            | 0              | 10             | 10                               | 0 CASA                               | HBWV                   | 5569    | 5297        | 1                | 177-2          | 512-0       | 512-0  |       |
| 298              | 13532          | 1           | 7           | 0             | 7            | 20             | 5              | 0                                | 0 CASA                               | COLONIA LOS ALCALDES   | HBWV    | 13532       | 3532             | 2              | 088-1       | 512-0  | 512-0 |
| 298              | 13532          | 2           | 5           | 20            | 8            | 0              | 7              | 20                               | 0 CASA                               | COLONIA MINA Y LA DIAZ | HBWV    | 13532       | 4542             | 1              | 478-1       | 512-0  | 512-0 |
| 298              | 13532          | 3           | 7           | 30            | 7            | 0              | 8              | 15                               | 0 CASA                               | ALTOZ HORNOS 5390      | HBWV    | 13532       | 13532            | 1              | 171-0       | 512-0  | 512-0 |
| 299              | 13532          | 2           | 8           | 30            | 8            | 0              | 7              | 10                               | 0 CASA                               | CALLE ERNESTO TIO CO   | HBWV    | 13532       | 13532            | 1              | 171-0       | 512-0  | 512-0 |
| 300              | 13535          | 2           | 10          | 0             | 5            | 20             | 10             | 1                                | 0 CASA                               | MINATILAN 5275         | HBWV    | 13532       | 13471            | 1              | 384-9       | 512-0  | 512-0 |
| 300              | 13535          | 3           | 1           | 20            | 2            | 10             | 5              | 30                               | 0 CASA                               | COL REVOLUCION Y CAL   | HBWV    | 13532       | 3562             | 1              | 225-3       | 512-0  | 512-0 |
| 300              | 13535          | 4           | 3           | 30            | 4            | 10             | 4              | 30                               | 0 CASA                               | MINATILAN 5275         | HBWV    | 13409       | 13409            | 2              | 225-3       | 512-0  | 512-0 |
| 300              | 13535          | 5           | 4           | 45            | 4            | 15             | 6              | 30                               | 0 CASA                               | COL REVOLUCION MEXICA  | HBWV    | 13562       | 13471            | 1              | 205-6       | 512-0  | 512-0 |
| 305              | 13471          | 1           | 8           | 30            | 8            | 15             | 7              | 15                               | 0 CASA                               | MINATILAN 5275         | HBWV    | 13562       | 13471            | 1              | 205-6       | 512-0  | 512-0 |
| 305              | 13471          | 2           | 9           | 30            | 8            | 15             | 8              | 15                               | 0 CASA                               | CO CASAS GRANDES Y RA  | HBOTHER | 13471       | 13616            | 3              | 466-9       | 512-0  | 512-0 |
| 305              | 13471          | 3           | 1           | 10            | 10           | 15             | 1              | 1                                | 0 CASA                               | CO CASAS GRANDES Y RA  | HBOTHER | 13471       | 13471            | 3              | 466-9       | 512-0  | 512-0 |
| 305              | 13471          | 4           | 1           | 30            | 4            | 40             | 4              | 40                               | 0 CASA                               | CARR CASAS GRANDES Y   | HBCHOOL | 13471       | 34247            | 3              | 466-9       | 512-0  | 512-0 |
| 305              | 13471          | 5           | 1           | 30            | 4            | 40             | 4              | 40                               | 0 CASA                               | COL REVOLUCION Y CAL   | HBCHOOL | 13471       | 13471            | 3              | 384-9       | 512-0  | 512-0 |
| 304              | 13471          | 1           | 4           | 45            | 4            | 15             | 6              | 30                               | 0 CASA                               | AV TECNOLOGICO Y PEDR  | HBWV    | 13471       | 14868            | 1              | 478-1       | 512-0  | 512-0 |
| 304              | 13471          | 2           | 1           | 30            | 8            | 15             | 7              | 15                               | 0 CASA                               | COL REVOLUCION MEXICA  | HBWV    | 13471       | 14868            | 1              | 478-1       | 512-0  | 512-0 |
| 305              | 13471          | 1           | 8           | 30            | 8            | 15             | 8              | 15                               | 0 CASA                               | CO CASAS GRANDES Y RA  | HBOTHER | 13471       | 13616            | 3              | 466-9       | 512-0  | 512-0 |
| 305              | 13471          | 2           | 9           | 30            | 8            | 15             | 8              | 15                               | 0 CASA                               | CO CASAS GRANDES Y RA  | HBOTHER | 13471       | 13471            | 3              | 466-9       | 512-0  | 512-0 |
| 305              | 13471          | 3           | 1           | 10            | 10           | 15             | 1              | 1                                | 0 CASA                               | CARR CASAS GRANDES Y   | HBCHOOL | 13471       | 34247            | 3              | 466-9       | 512-0  | 512-0 |
| 305              | 13471          | 4           | 1           | 30            | 4            | 40             | 4              | 40                               | 0 CASA                               | COL REVOLUCION Y CAL   | HBCHOOL | 13471       | 13471            | 3              | 384-9       | 512-0  | 512-0 |
| 305              | 13471          | 5           | 1           | 30            | 4            | 40             | 4              | 40                               | 0 CASA                               | AV TECNOLOGICO Y PEDR  | HBWV    | 13471       | 14868            | 1              | 478-1       | 512-0  | 512-0 |
| 305              | 13471          | 6           | 1           | 30            | 8            | 15             | 7              | 15                               | 0 CASA                               | COL REVOLUCION MEXICA  | HBWV    | 13471       | 13616            | 3              | 466-9       | 512-0  | 512-0 |
| 305              | 13471          | 7           | 1           | 30            | 8            | 15             | 7              | 15                               | 0 CASA                               | CO CASAS GRANDES Y RA  | HBOTHER | 13471       | 13471            | 3              | 466-9       | 512-0  | 512-0 |
| 306              | 13471          | 1           | 6           | 0             | 6            | 15             | 4              | 4                                | 0 CASA                               | PARK INDUSTRIAL BEN    | HBWV    | 13471       | 13577            | 1              | 385-3       | 512-0  | 512-0 |
| 306              | 13471          | 2           | 6           | 0             | 6            | 15             | 4              | 4                                | 0 CASA                               | PARK INDUSTRIAL BEN    | HBWV    | 13471       | 13471            | 1              | 385-3       | 512-0  | 512-0 |
| 306              | 13471          | 3           | 7           | 40            | 8            | 0              | 4              | 4                                | 0 CASA                               | CENTRO COMERCIAL REX   | HBWV    | 13471       | 14825            | 1              | 047-1       | 512-0  | 512-0 |
|                  |                |             |             |               |              |                |                |                                  |                                      |                        |         |             |                  |                |             |        |       |

| Household Number | Household Node | Trip Number | Origin Hour | Arrival Hour | Departure Minute | Arrival Minute | Departure Minute | Destination Name       | Destination Address    | Trip Purpose | Origin Node | Destination Node | Vehicle Number | Destination Address | Origin AGBE |
|------------------|----------------|-------------|-------------|--------------|------------------|----------------|------------------|------------------------|------------------------|--------------|-------------|------------------|----------------|---------------------|-------------|
|                  |                |             |             |              |                  |                |                  |                        |                        |              |             |                  |                |                     |             |
| 307              | 14825          | 2           | 3           | 7            | 45               | 8              | 0                | 0                      | 0 HOLALAT CASA         | HBWV         | 14825       | 14225            | 1              | 205-6               | 047-3       |
| 307              | 14825          | 4           | 4           | 7            | 40               | 4              | 30               | 5                      | 0 CASA                 | HBWV         | 14177       | 14225            | 2              | 205-1               | 205-6       |
| 308              | 14816          | 1           | 7           | 40           | 5                | 50             | 5                | 0 IRCA CASA            | HBWV                   | 14816        | 18113       | 1                | 428-3          | 205-6               |             |
| 308              | 14816          | 2           | 5           | 50           | 4                | 10             | 5                | 0 O TALLER MECANICO    | CALLE YAPETO COL SATE  | HBWV         | 14816       | 14816            | 1              | 205-6               | 428-3       |
| 308              | 14816          | 3           | 9           | 20           | 5                | 50             | 5                | 0 O REFACCIONARIO      | CAMINO ESCÓDERO ESCU   | NHBS         | 17623       | 18172            | 2              | 219-8               | 205-6       |
| 308              | 14816          | 4           | 4           | 20           | 5                | 20             | 5                | 0 15 ESCABRAHAM        | PASEO T REPUBLIC Y PE  | HBSCHOOL     | 18172       | 14816            | 2              | 212-6               | 219-8       |
| 309              | 14817          | 1           | 7           | 40           | 8                | 0              | 8                | 0 45 CARNICERA EL 9 VF | ESC P ROSALES DE LEON  | NHBS         | 14817       | 16151            | 1              | 347-8               | 205-6       |
| 309              | 14817          | 2           | 8           | 30           | 8                | 30             | 8                | 0 0 YONKE MYMSA        | HBSCHOOL               | NHBS         | 16151       | 14779            | 1              | 274-7               | 347-8       |
| 309              | 14817          | 3           | 9           | 30           | 9                | 50             | 1                | 0 0 YONKE MYMSA        | AV T DE LA REPUBLICA   | HBWV         | 14817       | 16241            | 1              | 205-6               | 274-7       |
| 309              | 14817          | 4           | 9           | 30           | 9                | 50             | 2                | 0 0 CASA               | AV P SIERRA CON H ESCO | HBWV         | 16241       | 14817            | 2              | 041-6               | 205-6       |
| 309              | 14817          | 5           | 2           | 20           | 3                | 50             | 6                | 0 0 CASA               | CASI ESO P.E. CALLES   | NHBS         | 16241       | 14817            | 2              | 041-6               | 041-6       |
| 309              | 14817          | 6           | 3           | 20           | 6                | 45             | 6                | 0 0 CASA               | HENRY DUNANT           | HBWV         | 16241       | 14817            | 2              | 205-6               | 041-6       |
| 309              | 14817          | 7           | 6           | 45           | 9                | 0              | 12               | 0 0 CRUZ ROJA          | AV TECNOLÓGICO CON P.  | NHBS         | 16241       | 16119            | 1              | 346-3               | 205-6       |
| 310              | 14826          | 1           | 5           | 30           | 5                | 50             | 3                | 0 20 CCE 1             | 201 BANCOMER           | NHBS         | 16241       | 14826            | 1              | 200-3               | 205-6       |
| 310              | 14826          | 2           | 3           | 30           | 5                | 50             | 3                | 0 0 CASA               | 18291                  | 14826        | 1           | 205-6            | 205-3          |                     |             |
| 311              | 14826          | 3           | 4           | 0            | 0                | 1              | 0 0 ESSEX        | AV P SIERRA CON H ESCO | HBWV                   | 14826        | 16241       | 1                | 324-7          | 205-6               |             |
| 311              | 14826          | 4           | 10          | 30           | 10               | 50             | 6                | 0 0 ICB                | CASI ESO P.E. CALLES   | NHBS         | 16251       | 16251            | 2              | 346-3               | 324-7       |
| 311              | 14826          | 5           | 2           | 30           | 6                | 30             | 6                | 0 0 CASA               | CAGUA CALIENTE 2860.   | HBSCHOOL     | 16251       | 16256            | 2              | 346-3               | 324-7       |
| 312              | 5534           | 1           | 8           | 45           | 9                | 0              | 12               | 0 0 CASA               | AV TECNOLÓGICO CON P.  | NHBS         | 16254       | 16119            | 1              | 346-3               | 324-7       |
| 312              | 5534           | 2           | 2           | 45           | 12               | 20             | 4                | 0 0 CASA               | HENRY DUNANT           | HBWV         | 16254       | 14826            | 1              | 205-6               | 324-7       |
| 312              | 5534           | 3           | 1           | 30           | 3                | 30             | 3                | 0 0 CASA               | 201 BANCOMER           | NHBS         | 16254       | 14826            | 1              | 205-6               | 324-7       |
| 312              | 5534           | 4           | 3           | 20           | 6                | 30             | 6                | 0 0 CASA               | 30 CROZ ROJA           | HBWV         | 16254       | 16119            | 1              | 346-3               | 324-7       |
| 312              | 5534           | 5           | 6           | 15           | 8                | 15             | 8                | 0 0 CASA               | 20 UTEP                | HBWV         | 16254       | 14826            | 1              | 324-7               | 324-7       |
| 312              | 5534           | 6           | 3           | 30           | 9                | 0              | 11               | 0 0 CASA               | N MESA, EL PASO        | NHBS         | 16254       | 16119            | 1              | 324-7               | 324-7       |
| 312              | 5534           | 7           | 3           | 30           | 9                | 0              | 11               | 0 0 CASA               | N MESA, EL PASO        | NHBS         | 16254       | 16119            | 1              | 324-7               | 324-7       |
| 312              | 5534           | 8           | 11          | 50           | 1                | 10             | 1                | 0 0 CASA               | 14998                  | 14998        | 2           | 371-1            | 324-7          |                     |             |
| 312              | 5534           | 9           | 1           | 30           | 1                | 30             | 1                | 0 0 CASA               | HBOTH                  | NHBS         | 14998       | 14880            | 2              | 426-4               | 324-7       |
| 312              | 5534           | 10          | 2           | 20           | 2                | 20             | 5                | 0 0 CASA               | HBOTH                  | NHBS         | 14998       | 14880            | 2              | 426-4               | 324-7       |
| 313              | 14730          | 1           | 6           | 30           | 7                | 0              | 5                | 0 0 PHILLIPS, S.A.     | PARQUE INDUSTRIAL OM   | HBWV         | 14730       | 16380            | 1              | 204-1               | 225-3       |
| 313              | 14730          | 2           | 2           | 30           | 5                | 30             | 6                | 0 0 CASA               | AV TECNOLÓGICO         | NHBS         | 14730       | 16119            | 1              | 205-6               | 225-3       |
| 313              | 14730          | 3           | 3           | 30           | 6                | 20             | 3                | 0 0 CASA               | 0 EDI PASO DEL NORTE   | HBWV         | 14730       | 16190            | 1              | 046-9               | 205-6       |
| 314              | 14800          | 1           | 11          | 0            | 11               | 0              | 11               | 0 0 CASA               | ANILLO ENDULIENTE DES  | HBWV         | 14800       | 14800            | 1              | 205-6               | 046-9       |
| 314              | 14800          | 2           | 0           | 30           | 6                | 30             | 6                | 0 0 CASA               | 0 EDI PASO DEL NORTE   | HBWV         | 14800       | 16190            | 1              | 046-9               | 205-6       |
| 314              | 14800          | 3           | 6           | 25           | 11               | 25             | 11               | 0 0 CASA               | V FUENTES PROSALES D   | HBWV         | 14800       | 16190            | 1              | 046-9               | 205-6       |
| 314              | 14800          | 4           | 11          | 25           | 15               | 25             | 15               | 0 0 CASA               | V FUENTES PROSALES D   | HBWV         | 14800       | 16190            | 1              | 046-9               | 205-6       |
| 314              | 14800          | 5           | 7           | 45           | 7                | 45             | 7                | 0 0 CASA               | AV TECNOLÓGICO Y PRO   | HBWV         | 14800       | 14779            | 2              | 274-7               | 205-6       |
| 314              | 14800          | 6           | 1           | 22           | 1                | 22             | 1                | 0 0 CASA               | AV TECNOLÓGICO Y PRO   | HBWV         | 14800       | 14779            | 2              | 274-7               | 205-6       |
| 314              | 14800          | 7           | 1           | 40           | 2                | 40             | 2                | 0 0 CASA               | AV TECNOLÓGICO Y PRO   | HBWV         | 14800       | 14779            | 2              | 274-7               | 205-6       |
| 314              | 14800          | 8           | 1           | 40           | 15               | 15             | 15               | 0 0 CASA               | AV TECNOLÓGICO Y PRO   | HBWV         | 14800       | 14779            | 2              | 274-7               | 205-6       |
| 314              | 14800          | 9           | 1           | 40           | 15               | 15             | 15               | 0 0 CASA               | AV TECNOLÓGICO Y PRO   | HBWV         | 14800       | 14779            | 2              | 274-7               | 205-6       |
| 314              | 14800          | 10          | 0           | 10           | 15               | 10             | 15               | 0 0 CASA               | AV TECNOLÓGICO Y PRO   | HBWV         | 14800       | 14779            | 2              | 274-7               | 205-6       |
| 315              | 14819          | 1           | 9           | 40           | 10               | 0              | 1                | 0 0 CASA               | AV TECNOLÓGICO CON AG  | HBOTH        | 14819       | 14443            | 1              | 209-4               | 205-6       |
| 315              | 14819          | 2           | 2           | 45           | 1                | 15             | 1                | 0 0 CASA               | AV TECNOLÓGICO CON AG  | HBOTH        | 14819       | 14443            | 1              | 209-4               | 205-6       |
| 315              | 14819          | 3           | 3           | 45           | 2                | 20             | 0                | 0 0 CASA               | AV TECNOLÓGICO CON AG  | HBOTH        | 14819       | 14443            | 1              | 209-4               | 205-6       |
| 315              | 14819          | 4           | 4           | 45           | 5                | 20             | 0                | 0 0 CASA               | AV TECNOLÓGICO CON AG  | HBOTH        | 14819       | 14443            | 1              | 209-4               | 205-6       |
| 315              | 14819          | 5           | 10          | 0            | 10               | 15             | 11               | 0 0 CASA               | AV TECNOLÓGICO Y FREN  | HBOTH        | 14819       | 16380            | 2              | 204-1               | 324-7       |
| 315              | 14819          | 6           | 11          | 0            | 11               | 10             | 12               | 0 0 CASA               | AV RAZA CIEQ CON AV    | NHBS         | 14819       | 16380            | 2              | 204-1               | 324-7       |
| 315              | 14819          | 7           | 1           | 40           | 12               | 15             | 12               | 0 0 CASA               | AV RAZA CIEQ CON AV    | NHBS         | 14819       | 16407            | 2              | 205-6               | 324-7       |
| 315              | 14819          | 8           | 1           | 40           | 12               | 15             | 12               | 0 0 CASA               | BENEMERITO D LASA      | NHBS         | 14819       | 14766            | 1              | 465-6               | 324-7       |
| 315              | 14819          | 9           | 1           | 40           | 12               | 15             | 12               | 0 0 CASA               | V FUENTES Y PEDRO R.   | NHBS         | 14819       | 14766            | 1              | 465-6               | 324-7       |
| 316              | 14706          | 4           | 3           | 45           | 7                | 40             | 7                | 0 0 CASA               | 45 PLAZA JUAREZ MALL   | HBWV         | 14706       | 14773            | 2              | 214-7               | 205-6       |
| 316              | 14706          | 5           | 5           | 45           | 7                | 50             | 8                | 0 0 CASA               | 45 PLAZA JUAREZ MALL   | HBWV         | 14706       | 14773            | 2              | 214-7               | 205-6       |
| 316              | 14706          | 6           | 7           | 45           | 7                | 50             | 8                | 0 0 CASA               | 45 PLAZA JUAREZ MALL   | HBWV         | 14706       | 14773            | 2              | 214-7               | 205-6       |
| 316              | 14706          | 7           | 7           | 45           | 7                | 50             | 8                | 0 0 CASA               | 45 PLAZA JUAREZ MALL   | HBWV         | 14706       | 14773            | 2              | 214-7               | 205-6       |
| 316              | 14706          | 8           | 7           | 45           | 7                | 50             | 8                | 0 0 CASA               | 45 PLAZA JUAREZ MALL   | HBWV         | 14706       | 14773            | 2              | 214-7               | 205-6       |
| 316              | 14706          | 9           | 7           | 45           | 7                | 50             | 8                | 0 0 CASA               | 45 PLAZA JUAREZ MALL   | HBWV         | 14706       | 14773            | 2              | 214-7               | 205-6       |
| 316              | 14706          | 10          | 7           | 45           | 7                | 50             | 8                | 0 0 CASA               | 45 PLAZA JUAREZ MALL   | HBWV         | 14706       | 14773            | 2              | 214-7               | 205-6       |
| 316              | 14706          | 11          | 7           | 45           | 7                | 50             | 8                | 0 0 CASA               | 45 PLAZA JUAREZ MALL   | HBWV         | 14706       | 14773            | 2              | 214-7               | 205-6       |
| 316              | 14706          | 12          | 7           | 45           | 7                | 50             | 8                | 0 0 CASA               | 45 PLAZA JUAREZ MALL   | HBWV         | 14706       | 14773            | 2              | 214-7               | 205-6       |
| 316              | 14706          | 13          | 7           | 45           | 7                | 50             | 8                | 0 0 CASA               | 45 PLAZA JUAREZ MALL   | HBWV         | 14706       | 14773            | 2              | 214-7               | 205-6       |
| 316              | 14706          | 14          | 7           | 45           | 7                | 50             | 8                | 0 0 CASA               | 45 PLAZA JUAREZ MALL   | HBWV         | 14706       | 14773            | 2              | 214-7               | 205-6       |
| 316              | 14706          | 15          | 7           | 45           | 7                | 50             | 8                | 0 0 CASA               | 45 PLAZA JUAREZ MALL   | HBWV         | 14706       | 14773            | 2              | 214-7               | 205-6       |
| 316              | 14706          | 16          | 7           | 45           | 7                | 50             | 8                | 0 0 CASA               | 45 PLAZA JUAREZ MALL   | HBWV         | 14706       | 14773            | 2              | 214-7               | 205-6       |
| 316              | 14706          | 17          | 7           | 45           | 7                | 50             | 8                | 0 0 CASA               | 45 PLAZA JUAREZ MALL   | HBWV         | 14706       | 14773            | 2              | 214-7               | 205-6       |
| 316              | 14706          | 18          | 7           | 45           | 7                | 50             | 8                | 0 0 CASA               | 45 PLAZA JUAREZ MALL   | HBWV         | 14706       | 14773            | 2              | 214-7               | 205-6       |
| 316              | 14706          | 19          | 7           | 45           | 7                | 50             | 8                | 0 0 CASA               | 45 PLAZA JUAREZ MALL   | HBWV         | 14706       | 14773            | 2              | 214-7               | 205-6       |
| 316              | 14706          | 20          | 7           | 45           | 7                | 50             | 8                | 0 0 CASA               | 45 PLAZA JUAREZ MALL   | HBWV         | 14706       | 14773            | 2              | 214-7               | 205-6       |
| 316              | 14706          | 21          | 7           | 45           | 7                | 50             | 8                | 0 0 CASA               | 45 PLAZA JUAREZ MALL   | HBWV         | 14706       | 14773            | 2              | 214-7               | 205-6       |
| 316              | 14706          | 22          | 7           | 45           | 7                | 50             | 8                | 0 0 CASA               | 45 PLAZA JUAREZ MALL   | HBWV         | 14706       | 14773            | 2              | 214-7               | 205-6       |
| 316              | 14706          | 23          | 7           | 45           | 7                | 50             | 8                | 0 0 CASA               | 45 PLAZA JUAREZ MALL   | HBWV         | 14706       | 14773            | 2              | 214-7               | 205-6       |
| 316              | 14706          | 24          | 7           | 45           | 7                | 50             | 8                | 0 0 CASA               | 45 PLAZA JUAREZ MALL   | HBWV         | 14706       | 14773            | 2              | 214-7               | 205-6       |
| 316              | 14706          | 25          | 7           | 45           | 7                | 50             | 8                | 0 0 CASA               | 45 PLAZA JUAREZ MALL   | HBWV         | 14706       | 14773            | 2              | 214-7               | 205-6       |
| 316              | 14706          | 26          | 7           | 45           | 7                | 50             | 8                | 0 0 CASA               | 45 PLAZA JUAREZ MALL   | HBWV         | 14706       | 14773            | 2              | 214-7               | 205-6       |
| 316              | 14706          | 27          | 7           | 45           | 7                | 50             | 8                | 0 0 CASA               | 45 PLAZA JUAREZ MALL   | HBWV         | 14706       | 14773            | 2              | 214-7               | 205-6       |
| 316              | 14706          | 28          | 7           | 45           | 7                | 50             | 8                | 0 0 CASA               | 45 PLAZA JUAREZ MALL   | HBWV         | 14706       | 14773            | 2              | 214-7               | 205-6       |
| 316              | 14706          | 29          | 7           | 45           | 7                | 50             | 8                | 0 0 CASA               | 45 PLAZA JUAREZ MALL   | HBWV         | 14706       | 14773            | 2              | 214-7               | 205-6       |
| 316              | 14706          | 30          | 7           | 45           | 7                | 50             | 8                | 0 0 CASA               | 45 PLAZA JUAREZ MALL   | HBWV         | 14706       | 1477             |                |                     |             |

| Household Number | Household Node | Origin Number | Origin Hour | Arrival Hour | Arrival Minute | Departure Hour       | Departure Minute | Name                    | Destination Address      | Purpose            | Trip Node | Origin Node | Destination Node | Vehicle Number | Destination | Origin | AgeB  | Origin AgeB |
|------------------|----------------|---------------|-------------|--------------|----------------|----------------------|------------------|-------------------------|--------------------------|--------------------|-----------|-------------|------------------|----------------|-------------|--------|-------|-------------|
|                  |                |               |             |              |                |                      |                  |                         |                          |                    |           |             |                  |                |             |        |       |             |
| 320              | 14838          | 11            | 10          | 50           | 11             | 40                   | 0                | CASA (AMIGO)            | CASAS INSURGENTES Y PE   | NHB                | 13822     | 12209       | 12209            | 3              | 07-02       | 06-07  |       |             |
| 320              | 14838          | 12            | 11          | 0            | 11             | 15                   | 3                | 20 LAVASOLAS            | CASAS                    | NHB                | 12209     | 14833       | 14833            | 3              | 205-6       | 070-2  |       |             |
| 321              | 14817          | 2             | 3           | 30           | 3              | 45                   | 45               | MAGNO VIEJO CENTRO CASA | CASAS                    | NHB                | 14817     | 14853       | 14853            | 1              | 273-2       | 205-6  |       |             |
| 321              | 14817          | 3             | 4           | 0            | 0              | 10                   | 10               | 30 LA FUENTE            | P ROSALES DE LEON #57    | HBOOTHER           | 14857     | 14857       | 14857            | 1              | 205-6       | 485-4  |       |             |
| 322              | 4771           | 1             | 9           | 30           | 9              | 45                   | 11               | 15 IMMOJUSRIA           | AMERICAS Y MARTIN        | NHB                | 4771      | 14779       | 14779            | 1              | 274-7       | 168-4  |       |             |
| 322              | 4771           | 2             | 3           | 10           | 10             | 12                   | 12               | 0 LA FUENTE             | PIOR COBAN 5. P ROSAL    | NHB                | 14779     | 16089       | 16089            | 1              | 05-4        | 274-7  |       |             |
| 322              | 4771           | 3             | 11          | 30           | 12             | 15                   | 1                | 0 SIST ELECTRICOS       | PARQUE BERNAUDES         | NHB                | 14779     | 16089       | 16089            | 1              | 045-4       | 045-4  |       |             |
| 322              | 4771           | 4             | 12          | 15           | 1              | 15                   | 1                | 26 LA FUENTE            | P ROSALES DE LEON #57    | NHB                | 18227     | 14779       | 14779            | 1              | 274-7       | 214-7  |       |             |
| 322              | 4771           | 5             | 1           | 35           | 1              | 55 INF CASAS GRANDES | CARLOS DIQUE     | NHB                     | 14779                    | 14827              | 14827     | 1           | 431-3            | 274-7          |             |        |       |             |
| 322              | 4771           | 6             | 1           | 2            | 10             | 6                    | 0 LA FUENTE      | NHB                     | 14327                    | 14779              | 14779     | 1           | 274-7            | 431-5          |             |        |       |             |
| 322              | 4771           | 7             | 2           | 15           | 15             | 15                   | 15               | 0 HOGAR                 | HBW                      | 4771               | 4771      | 4771        | 1                | 166-4          | 274-7       |        |       |             |
| 322              | 4771           | 8             | 6           | 30           | 11             | 30                   | 6                | 15 COMP ARMADORA S.A.   | GUATERFIL                | NHB                | 4771      | 7773        | 7773             | 1              | 168-4       | 168-4  |       |             |
| 322              | 4771           | 9             | 10          | 30           | 6              | 30                   | 1                | 20 TECNOLOGICO          | AV TECNOLOGICO POR PU    | NHB                | 4771      | 16380       | 16380            | 3              | 204-1       | 166-4  |       |             |
| 322              | 4771           | 10            | 11          | 4            | 30             | 9                    | 50               | 1                       | 20 TECNOLOGICO           | NHB                | 16380     | 4771        | 4771             | 3              | 166-4       | 204-1  |       |             |
| 322              | 4771           | 11            | 12          | 1            | 33             | 3                    | 30               | CASA                    | NHB                      | 16380              | 4771      | 4771        | 3                | 204-1          | 166-4       |        |       |             |
| 322              | 4771           | 12            | 1           | 1            | 3              | 45                   | 5                | 0 TECNOLOGICO           | AV TECNOLOGICO SIMONA    | NHB                | 4771      | 16380       | 16380            | 3              | 204-1       | 166-4  |       |             |
| 322              | 4771           | 13            | 14          | 15           | 5              | 15                   | 10               | 55 CASA                 | NHB                      | 4771               | 16380     | 16380       | 3                | 204-1          | 166-4       |        |       |             |
| 322              | 4771           | 14            | 15          | 10           | 30             | 10                   | 50               | 10                      | 55 CASA                  | NHB                | 4771      | 15182       | 15182            | 4              | 096-3       | 166-4  |       |             |
| 322              | 4771           | 15            | 15          | 10           | 30             | 10                   | 30               | 12                      | 0 TECNOLOGICO ESCUELA AV | NHB                | 16102     | 4771        | 4771             | 4              | 096-3       | 166-4  |       |             |
| 322              | 4771           | 16            | 17          | 0            | 7              | 7                    | 20               | 12                      | 0 TECNOLOGICO CON AV     | NHB                | 3939      | 16380       | 16380            | 1              | 204-1       | 166-4  |       |             |
| 323              | 3939           | 1             | 1           | 7            | 0              | 7                    | 30               | 12                      | 0 CASA                   | NHB                | 16380     | 3939        | 3939             | 3              | 175-3       | 204-1  |       |             |
| 323              | 3939           | 2             | 2           | 12           | 30             | 2                    | 0                | 0 CASA                  | NHB                      | 3939               | 48633     | 48633       | 1                | 174-9          | 175-3       |        |       |             |
| 323              | 3939           | 3             | 2           | 10           | 3              | 0                    | 0                | 0 COLSO                 | NHB                      | 48633              | 3339      | 3339        | 1                | 175-3          | 174-9       |        |       |             |
| 323              | 3939           | 4             | 3           | 10           | 6              | 6                    | 0                | 0 CASA                  | NHB                      | 3339               | 15710     | 15710       | 1                | 175-3          | 175-3       |        |       |             |
| 323              | 3939           | 5             | 7           | 0            | 8              | 0                    | 8                | 0 ACADEMIA              | NHB                      | 3939               | 3339      | 3339        | 1                | 175-3          | 330-A       |        |       |             |
| 323              | 3939           | 6             | 8           | 30           | 9              | 0                    | 0                | 0 CASA                  | NHB                      | 3339               | 4421      | 4421        | 1                | 227-2          | 175-3       |        |       |             |
| 323              | 3939           | 7             | 9           | 10           | 11             | 11                   | 0                | 0 CASA                  | NHB                      | 3939               | 3339      | 3339        | 1                | 175-3          | 227-2       |        |       |             |
| 323              | 3939           | 8             | 11          | 10           | 11             | 10                   | 11               | 0 CASA                  | NHB                      | 3939               | 4788      | 4788        | 1                | 175-3          | 175-3       |        |       |             |
| 324              | 4788           | 1             | 6           | 50           | 7              | 15                   | 7                | 35 MERCADO              | AV SANDERS Y EJE JUAN    | NHB                | 4788      | 11996       | 11996            | 1              | 167-5       | 168-4  |       |             |
| 324              | 4788           | 2             | 2           | 8            | 0              | 11                   | 1                | 0 CASA                  | ZAHUAYO #7719            | NHB                | 4788      | 11996       | 11996            | 1              | 168-4       | 167-5  |       |             |
| 324              | 4788           | 3             | 11          | 30           | 12             | 30                   | 12               | 30 MERCADO              | V SANDERS Y EJE JUAN     | NHB                | 4788      | 11996       | 11996            | 1              | 168-4       | 167-5  |       |             |
| 324              | 4788           | 4             | 12          | 1            | 8              | 0                    | 6                | 30 CASA                 | ZAHUAYO #7719            | NHB                | 4788      | 11996       | 11996            | 1              | 168-4       | 167-5  |       |             |
| 324              | 4788           | 5             | 13          | 1            | 8              | 0                    | 6                | 30 PANADERIA RUIZ       | PAÑAMERICAS Y SIERRA C   | NHB                | 4788      | 11996       | 11996            | 1              | 168-4       | 167-5  |       |             |
| 324              | 4788           | 6             | 7           | 15           | 10             | 10                   | 10               | 10 CASA                 | ZAHUAYO #7719            | NHB                | 4788      | 11996       | 11996            | 1              | 168-4       | 167-5  |       |             |
| 324              | 4788           | 7             | 10          | 40           | 10             | 40                   | 10               | 45 CASA                 | LOPEZ MATEY Y 21 DE M    | NHB                | 4788      | 15460       | 15460            | 1              | 067-0       | 168-4  |       |             |
| 324              | 4788           | 8             | 11          | 15           | 15             | 15                   | 15               | 15 CASA                 | ZAHUAYO #7719            | NHB                | 4788      | 15460       | 15460            | 1              | 067-0       | 168-4  |       |             |
| 324              | 4788           | 9             | 2           | 30           | 2              | 30                   | 10               | 30 CASA                 | FUTURAMA III OTEPIC      | NHB                | 4788      | 7290        | 7290             | 2              | 432-7       | 168-4  |       |             |
| 324              | 4788           | 10            | 3           | 30           | 3              | 30                   | 30               | 30 CASA                 | JILOTEPEC Y HIERRA       | NHB                | 4788      | 7290        | 7290             | 2              | 432-7       | 168-4  |       |             |
| 325              | 4788           | 11            | 0           | 5            | 0              | 5                    | 0                | 0 CASA                  | ZAHUAYO #7719            | NHB                | 4788      | 4809        | 4809             | 1              | 166-4       | 166-4  |       |             |
| 325              | 4788           | 12            | 35          | 12           | 12             | 12                   | 12               | 30 CASA                 | JILOTEPEC Y SANDIA       | NHB                | 7142      | 7142        | 7142             | 1              | 227-2       | 166-4  |       |             |
| 325              | 4788           | 13            | 8           | 25           | 12             | 25                   | 12               | 30 CASA                 | ZAHUAYO #7719            | NHB                | 4788      | 4788        | 4788             | 1              | 227-2       | 166-4  |       |             |
| 325              | 4788           | 14            | 12          | 35           | 12             | 35                   | 12               | 30 CASA                 | FICO MARIEZ Y LUIS ESC   | NHB                | 4788      | 49696       | 49696            | 1              | 165-4       | 165-4  |       |             |
| 325              | 4788           | 15            | 1           | 1            | 0              | 0                    | 0                | 0 CASA                  | AV RIO BRAVO             | NHB                | 4788      | 49696       | 49696            | 1              | 165-4       | 165-4  |       |             |
| 326              | 6786           | 1             | 5           | 0            | 5              | 0                    | 5                | 0 CASA                  | ZAHUAYO #7705            | NHB                | 4788      | 7773        | 7773             | 1              | 175-3       | 175-3  |       |             |
| 326              | 6786           | 2             | 0           | 7            | 40             | 7                    | 7                | 0 CASA                  | COL MORELOS              | NHB                | 4788      | 6547        | 6547             | 1              | 455-0       | 233-8  |       |             |
| 326              | 6786           | 3             | 2           | 8            | 0              | 8                    | 13               | 8                       | 18 COLOS                 | MORELOS Y MORELIA  | NHB       | 4788        | 6786             | 6786           | 1           | 455-0  | 455-0 |             |
| 326              | 6786           | 4             | 3           | 8            | 0              | 8                    | 13               | 8                       | 18 COLOS                 | JILOTEPEC Y SANDIA | NHB       | 4788        | 6786             | 6786           | 1           | 455-0  | 455-0 |             |
| 326              | 6786           | 5             | 12          | 35           | 12             | 35                   | 12               | 30 CASA                 | ZAHUAYO #7705            | NHB                | 4788      | 6786        | 6786             | 1              | 455-0       | 455-0  |       |             |
| 326              | 6786           | 6             | 1           | 1            | 0              | 0                    | 0                | 0 CASA                  | FICO MARIEZ Y LUIS ESC   | NHB                | 4788      | 7773        | 7773             | 1              | 175-3       | 175-3  |       |             |
| 326              | 6786           | 7             | 6           | 15           | 15             | 15                   | 15               | 15 CASA                 | AV RIO BRAVO             | NHB                | 4788      | 6547        | 6547             | 1              | 455-0       | 455-0  |       |             |
| 326              | 6786           | 8             | 6           | 15           | 15             | 15                   | 15               | 15 CASA                 | ZAHUAYO #7705            | NHB                | 4788      | 6786        | 6786             | 1              | 455-0       | 455-0  |       |             |
| 326              | 6786           | 9             | 6           | 15           | 15             | 15                   | 15               | 15 CASA                 | ZAHUAYO #7705            | NHB                | 4788      | 6786        | 6786             | 1              | 455-0       | 455-0  |       |             |
| 326              | 6786           | 10            | 9           | 40           | 9              | 40                   | 9                | 30 HOGAR                | JIQUILPAN 7706           | NHB                | 4788      | 7773        | 7773             | 1              | 175-3       | 175-3  |       |             |
| 326              | 6786           | 11            | 1           | 55           | 1              | 55                   | 1                | 55 COLEGIO              | JIQUILPAN 7706           | NHB                | 4788      | 5673        | 5673             | 1              | 175-3       | 175-3  |       |             |
| 326              | 6786           | 12            | 1           | 55           | 1              | 55                   | 1                | 55 COLEGIO              | JIQUILPAN 7706           | NHB                | 4788      | 5673        | 5673             | 1              | 175-3       | 175-3  |       |             |
| 326              | 6786           | 13            | 2           | 0            | 2              | 27                   | 2                | 28 LAVARRADAS           | CALLE ALIAREZ 98-54      | NHB                | 4788      | 5673        | 5673             | 1              | 175-3       | 175-3  |       |             |
| 326              | 6786           | 14            | 2           | 35           | 3              | 5                    | 0                | 30 HOGAR                | JIQUILPAN 7706           | NHB                | 4788      | 5673        | 5673             | 1              | 175-3       | 175-3  |       |             |
| 326              | 6786           | 15            | 6           | 0            | 6              | 10                   | 5                | 10 IGLESIA              | JIQUILPAN 7706           | NHB                | 4788      | 5673        | 5673             | 1              | 175-3       | 175-3  |       |             |
| 326              | 6786           | 16            | 10          | 55           | 1              | 55                   | 1                | 55 HOGAR                | JIQUILPAN 7706           | NHB                | 4788      | 5673        | 5673             | 1              | 175-3       | 175-3  |       |             |
| 326              | 6786           | 17            | 6           | 25           | 9              | 25                   | 9                | 20 HOGAR                | JIQUILPAN 7706           | NHB                | 4788      | 5673        | 5673             | 1              | 175-3       | 175-3  |       |             |
| 326              | 6786           | 18            | 9           | 27           | 3              | 30                   | 9                | 30 LAVARRADAS           | CALLE ALIAREZ 98-54      | NHB                | 4788      | 5673        | 5673             | 1              | 175-3       | 175-3  |       |             |
| 326              | 6786           | 19            | 9           | 40           | 2              | 15                   | 6                | 30 HOGAR                | JIQUILPAN 7706           | NHB                | 4788      | 5673        | 5673             | 1              | 175-3       | 175-3  |       |             |
| 326              | 6786           | 20            | 9           | 40           | 3              | 20                   | 3                | 23 COARMADORA           | JIQUILPAN 7706           | NHB                | 4788      | 5673        | 5673             | 1              | 175-3       | 175-3  |       |             |
| 326              | 6786           | 21            | 9           | 40           | 3              | 30                   | 3                | 30 HOGAR                | JIQUILPAN 7706           | NHB                | 4788      | 5673        | 5673             | 1              | 175-3       | 175-3  |       |             |
| 326              | 6786           | 22            | 12          | 0            | 6              | 0                    | 6                | 0 COARMADORA            | JIQUILPAN 7706           | NHB                | 4788      | 5673        | 5673             | 1              | 175-3       | 175-3  |       |             |
| 326              | 6786           | 23            | 12          | 0            | 6              | 0                    | 6                | 0 COARMADORA            | JIQUILPAN 7706           | NHB                | 4788      | 5673        | 5673             | 1              | 175-3       | 175-3  |       |             |
| 326              | 6786           | 24            | 12          | 0            | 6              | 0                    | 6                | 0 COARMADORA            | JIQUILPAN 7706           | NHB                | 4788      | 5673        | 5673             | 1              | 175-3       | 175-3  |       |             |
| 326              | 6786           | 25            | 12          | 0            | 6              | 0                    | 6                | 0 COARMADORA            | JIQUILPAN 7706           | NHB                | 4788      | 5673        | 5673             | 1              | 175-3       | 175-3  |       |             |
| 326              | 6786           | 26            | 12          | 0            | 6              | 0                    | 6                | 0 COARMADORA            | JIQUILPAN 7706           | NHB                | 4788      | 5673        | 5673             | 1              | 175-3       | 175-3  |       |             |
| 326              | 6786           | 27            | 12          | 0            | 6              | 0                    | 6                | 0 COARMADORA            | JIQUILPAN 7706           | NHB                | 4788      | 5673        | 5673             | 1              | 175-3       | 175-3  |       |             |
| 326              | 6786           | 28            | 12          | 0            | 6              | 0                    | 6                | 0 COARMADORA            | JIQUILPAN 7706           | NHB                | 4788      | 5673        | 5673             | 1              | 175-3       | 175-3  |       |             |
| 326              | 6786           | 29            | 12          | 0            | 6              | 0                    | 6                | 0 COARMADORA            | JIQUILPAN 7706           | NHB                | 4788      | 5673        | 5673             | 1              | 175-3       | 175-3  |       |             |
| 326              | 6786           | 30            | 12          | 0            | 6              | 0                    | 6                | 0 COARMADORA            | JI                       |                    |           |             |                  |                |             |        |       |             |

| Household Number | Household Node | Trip Number | Origin Hour | Origin Minute | Arrival Hour | Arrival Minute | Departure Hour | Departure Minute | Destination Name      | Address               | Trip Purpose           | Origin Node | Destination Node | Vehicle Number | Destination | Origin AGEB | Destination AGEB |
|------------------|----------------|-------------|-------------|---------------|--------------|----------------|----------------|------------------|-----------------------|-----------------------|------------------------|-------------|------------------|----------------|-------------|-------------|------------------|
| 338              | 0              | 9           | 0           | 10            | 2            | 20             | 0              | 2                | 0 ESCUELA (UACJ) IIA  | AV DEL CHARRO         | HBSCHOOL               | 7581        | 16750            | 3 043-5        | 219-8       |             |                  |
| 338              | 0              | 11          | 0           | 10            | 6            | 30             | 10             | 6                | 0 HOGAR               |                       | HBSCHOOL               | 16750       | 7587             | 3 219-8        | 043-5       |             |                  |
| 338              | 0              | 12          | 0           | 10            | 9            | 20             | 0              | 8                | 0 GIMNASIO BERTHACHIN | PANAMERICANA Y JILOTE | HBSOCIAL               | 4188        | 7587             | 3 219-8        | 177-2       |             |                  |
| 339              | 7490           | 1           |             |               | 12           | 20             | 0              | 12               | 0 HOGAR               | CALLE MELON 6833, JIL | HBW                    | 7490        | 7137             | 1 179-3        | 141-9       |             |                  |
| 339              | 7490           | 2           |             |               | 11           | 0              | 0              | 2                | 0 ITCA                |                       | HBW                    | 7137        | 7450             | 1 1441-9       | 178-1       |             |                  |
| 340              | 7630           | 1           |             |               | 2            | 15             | 6              | 2                | 0 HOGAR               |                       | HBSCHOOL               | 16380       | 16380            | 1 204-1        | 219-8       |             |                  |
| 340              | 7630           | 2           |             |               | 7            | 0              | 9              | 0                | 0 ITCA                |                       | HBSCHOOL               | 16380       | 16380            | 1 204-1        | 204-1       |             |                  |
| 340              | 7630           | 3           |             |               | 9            | 15             | 0              | 3                | 0 HOGAR               |                       | HBSCHOOL               | 16380       | 16380            | 1 219-8        | 204-1       |             |                  |
| 340              | 7630           | 4           |             |               | 7            | 0              | 3              | 0                | 0 YOLETA, EL PASO     |                       | HBW                    | 7630        | 9855             | 1 219-8        | 219-8       |             |                  |
| 340              | 7630           | 5           |             |               | 3            | 30             | 0              | 3                | 0 HOGAR               |                       | HBW                    | 9995        | 7630             | 2 219-8        | 371-7       |             |                  |
| 340              | 7630           | 6           |             |               | 6            | 0              | 3              | 0                | 0 TOSHIBA             |                       | HBW                    | 7016        | 7773             | 2 345-9        | 229-1       |             |                  |
| 341              | 7016           | 3           |             |               | 3            | 20             | 0              | 12               | 30 CLUB CAMPANARIO    |                       | HBSOCIAL               | 7621        | 7541             | 1 514-4        | 219-8       |             |                  |
| 342              | 7621           | 1           |             |               | 10           | 0              | 12             | 35               | 30 INTERIOR SATELITE  |                       | HBSOCIAL               | 7541        | 7621             | 1 219-8        | 514-4       |             |                  |
| 342              | 7621           | 2           |             |               | 12           | 35             | 0              | 12               | 0 HOGAR               |                       | FRACC. RIO BRAVO       | 7621        | 7815             | 3 345-9        | 219-8       |             |                  |
| 342              | 7621           | 3           |             |               | 15           | 8              | 50             | 30               | 0 HOGAR               |                       | HBSOCIAL               | 7815        | 7621             | 3 219-8        | 345-9       |             |                  |
| 342              | 7621           | 4           |             |               | 6            | 0              | 3              | 0                | 0 UACH                |                       | HBSCHOOL               | 7588        | 16119            | 1 346-3        | 229-1       |             |                  |
| 342              | 7621           | 5           |             |               | 3            | 25             | 0              | 3                | 0 HOGAR               |                       | HBSCHOOL               | 16119       | 7588             | 1 229-1        | 346-3       |             |                  |
| 343              | 7588           | 2           |             |               | 25           | 0              | 3              | 30               | RBE                   |                       | PARQ IND - RIO BRAVO   | 7588        | 7773             | 2 345-9        | 229-1       |             |                  |
| 343              | 7588           | 3           |             |               | 7            | 0              | 3              | 30               | RBE                   |                       | HBW                    | 7773        | 7588             | 2 229-1        | 345-9       |             |                  |
| 343              | 7588           | 4           |             |               | 4            | 45             | 0              | 3                | 0 HOGAR               |                       | HBW                    | 7773        | 7621             | 1 219-8        | 514-4       |             |                  |
| 344              | 7621           | 1           |             |               | 11           | 0              | 1              | 0                | 0 FUDIPAMA (TEC)      |                       | HBSHOP                 | 7621        | 14868            | 1 205-6        | 219-3       |             |                  |
| 344              | 7621           | 2           |             |               | 1            | 20             | 1              | 20               | 0 HOGAR               |                       | HBW                    | 14868       | 7588             | 1 229-1        | 205-6       |             |                  |
| 345              | 7631           | 3           |             |               | 7            | 0              | 3              | 30               | RBE                   |                       | P IND RIO BRAVO        | 7631        | 7773             | 2 345-9        | 219-8       |             |                  |
| 345              | 7631           | 4           |             |               | 3            | 45             | 0              | 3                | 0 HOGAR               |                       | HBW                    | 7773        | 7631             | 2 219-8        | 345-9       |             |                  |
| 345              | 7631           | 5           |             |               | 3            | 0              | 3              | 30               | PROBURSA              |                       | ENSEGUIDA DE HIPERNAR  | 7631        | 16778            | 3 049-2        | 219-8       |             |                  |
| 345              | 7631           | 6           |             |               | 4            | 0              | 9              | 0                | 0 ITCA                |                       | NHB                    | 16778       | 16380            | 3 204-1        | 049-2       |             |                  |
| 345              | 7631           | 7           |             |               | 15           | 0              | 1              | 0                | 0 HOGAR               |                       | HBSCHOOL               | 16380       | 16380            | 3 204-1        | 049-2       |             |                  |
| 345              | 7631           | 8           |             |               | 7            | 0              | 8              | 0                | 0 ESCUELA (TICJ)      |                       | HBW                    | 7631        | 16380            | 3 219-9        | 219-3       |             |                  |
| 345              | 7631           | 9           |             |               | 8            | 10             | 0              | 8                | 0 HOGAR               |                       | HBSCHOOL               | 16380       | 7631             | 4 219-8        | 204-1       |             |                  |
| 345              | 7631           | 10          |             |               | 12           | 0              | 2              | 0                | 0 ESCUELA             |                       | HBSCHOOL               | 7631        | 16380            | 4 204-1        | 219-8       |             |                  |
| 345              | 7631           | 11          |             |               | 2            | 10             | 0              | 2                | 0 HOGAR               |                       | HBSCHOOL               | 16380       | 7631             | 4 219-8        | 204-1       |             |                  |
| 346              | 7623           | 1           |             |               | 8            | 0              | 2              | 0                | 0 PREPA AXLENDE       |                       | ZONA CENTRO            | 7623        | 12952            | 1 084-4        | 219-3       |             |                  |
| 346              | 7623           | 2           |             |               | 2            | 30             | 0              | 4                | 0 HOGAR               |                       | HBSCHOOL               | 12952       | 7623             | 1 219-8        | 084-4       |             |                  |
| 346              | 7623           | 3           |             |               | 8            | 0              | 4              | 30               | 0 HOGAR               |                       | CARRERETA A PUNIENTE O | 7623        | 7684             | 2 221-5        | 219-8       |             |                  |
| 346              | 7623           | 4           |             |               | 4            | 45             | 0              | 4                | 0 HOGAR               |                       | HBW                    | 7684        | 7623             | 2 219-8        | 221-5       |             |                  |
| 347              | 7641           | 3           |             |               | 7            | 0              | 1              | 0                | 0 ITCA                |                       | HBSCHOOL               | 7641        | 16380            | 2 204-1        | 219-8       |             |                  |
| 347              | 7641           | 4           |             |               | 1            | 15             | 0              | 5                | 0 HOGAR               |                       | HBSCHOOL               | 7641        | 7641             | 2 219-8        | 204-1       |             |                  |
| 347              | 7641           | 5           |             |               | 7            | 0              | 5              | 0                | 0 SORIANA SANDERS     |                       | HBW                    | 12005       | 7641             | 3 219-8        | 368-0       |             |                  |
| 347              | 7641           | 6           |             |               | 5            | 35             | 0              | 5                | 0 HOGAR               |                       | HBW                    | 14775       | 7647             | 3 219-8        | 368-0       |             |                  |
| 348              | 0              | 3           |             |               | 5            | 20             | 0              | 3                | 0 HOGAR               |                       | HBW                    | 7647        | 12893            | 2 212-6        | 275-1       |             |                  |
| 348              | 0              | 4           |             |               | 3            | 30             | 0              | 3                | 0 HOGAR               |                       | HBW                    | 12893       | 7630             | 2 219-8        | 212-6       |             |                  |
| 349              | 0              | 2           |             |               | 3            | 25             | 0              | 3                | 0 HOGAR               |                       | HBW                    | 16380       | 7550             | 1 442-3        | 322-7       |             |                  |
| 349              | 0              | 3           |             |               | 10           | 0              | 3              | 0                | 0 LICORES EL REY      |                       | HBSCHOOL               | 7550        | 7750             | 3 219-8        | 442-3       |             |                  |
| 349              | 0              | 4           |             |               | 3            | 20             | 0              | 4                | 0 HOGAR               |                       | HBW                    | 7750        | 7550             | 2 442-3        | 345-9       |             |                  |
| 349              | 0              | 5           |             |               | 4            | 35             | 10             | 5                | 0 LICORES EL REY      | ZARAGOZA DB           | HBW                    | 7550        | 7750             | 2 212-6        | 442-3       |             |                  |
| 349              | 0              | 6           |             |               | 10           | 20             | 0              | 5                | 0 HOGAR               |                       | HBW                    | 7750        | 7550             | 2 442-3        | 442-3       |             |                  |
| 349              | 0              | 7           |             |               | 8            | 0              | 2              | 0                | 0 COBACH #7           |                       | HBW                    | 7550        | 16383            | 1 451-2        | 073-6       |             |                  |
| 349              | 0              | 8           |             |               | 2            | 25             | 0              | 3                | 45 HOGAR              |                       | HBW                    | 16383       | 7424             | 3 268-1        | 442-3       |             |                  |
| 349              | 0              | 9           |             |               | 4            | 0              | 7              | 0                | 0 ITCA                |                       | HBSOCIAL               | 7434        | 16380            | 3 204-1        | 084-4       |             |                  |
| 349              | 0              | 10          |             |               | 7            | 15             | 0              | 7                | 0 HOGAR               |                       | HBSOCIAL               | 16380       | 7424             | 3 229-1        | 204-1       |             |                  |
| 352              | 7303           | 1           | 8           | 30            | 9            | 0              | 5              | 30               | NACIONAL FERRETERIA   |                       | HBW                    | 7303        | 14148            | 1 073-6        | 451-2       |             |                  |
| 352              | 7303           | 2           | 9           | 0             | 6            | 0              | 5              | 30               | HOGAR                 |                       | HBW                    | 14148       | 7303             | 1 451-2        | 073-6       |             |                  |
| 352              | 7303           | 3           | 9           | 0             | 8            | 25             | 5              | 30               | SUPER VAPOR           |                       | HBW                    | 7303        | 15751            | 2 084-4        | 451-2       |             |                  |
| 353              | 7290           | 1           | 9           | 0             | 6            | 50             | 6              | 0                | 0 MONACO DENTAL CLINI | AV 16 DE SEPT 785 OT  | HBW                    | 7290        | 12893            | 3 204-1        | 084-4       |             |                  |
| 353              | 7290           | 2           | 9           | 0             | 6            | 20             | 7              | 30               | CASA MADRE            |                       | NHB                    | 7290        | 7290             | 1 089-0        | 084-4       |             |                  |
| 353              | 7290           | 3           | 8           | 0             | 40           | 0              | 5              | 30               | NACIONAL FERRETERIA   | ANEMONA #5617         | NHB                    | 7290        | 12392            | 1 073-6        | 084-4       |             |                  |
| 353              | 7290           | 4           | 7           | 30            | 8            | 0              | 2              | 0                | 0 MAQUINARIA S.A. DE  | PASEO TRIUNFO DE LA R | HBW                    | 7290        | 18525            | 1 451-2        | 073-6       |             |                  |
| 353              | 7290           | 5           | 20          | 3             | 20           | 3              | 2              | 0                | 0 RESTAURANT LORI     | LOPEZ MATEOS Y EJERC  | NHB                    | 18525       | 14148            | 2 073-6        | 420-7       |             |                  |
| 353              | 7290           | 6           | 3           | 40            | 8            | 40             | 8              | 0                | 0 MAQUINARIA S.A. DE  | ESCAROLA #5817        | NHB                    | 18525       | 14148            | 2 420-7        | 073-6       |             |                  |
| 353              | 7290           | 7           | 8           | 40            | 11           | 30             | 3              | 0                | 0 HOGAR               | ANEMONA #5617         | HBW                    | 18525       | 7290             | 2 452-7        | 420-7       |             |                  |
| 353              | 7290           | 8           | 11          | 0             | 11           | 30             | 3              | 0                | 0 SILVETAI            | PLATARCO EUS CALLES   | HBW                    | 15774       | 15774            | 3 048-8        | 452-7       |             |                  |
| 353              | 7290           | 9           | 3           | 0             | 33           | 0              | 3              | 0                | 0 HOGAR               | ANEMONA #5617         | HBSSOCIAL              | 15774       | 7290             | 3 452-7        | 048-8       |             |                  |