

Task Assignment 1A-001

Analysis of Bluetooth and Wi-Fi Technology to Measure Wait Times of Personal Vehicles at Arizona-Mexico Ports of Entry

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INTRODUCTION

Robust travel time data collection is possible using Bluetooth™ or Wi-Fi technology that matches anonymous MAC addresses from discoverable electronic devices (e.g., smart phones) to determine travel time along a roadway segment. Several hundred data points can be collected, and analyzed in real-time, each day. Anonymous Re-Identification (ARID), a term coined for local Arizona agencies, is commonly used for this technology and is inclusive or either Bluetooth™ or Wi-Fi technology.

The Arizona Department of Transportation (ADOT), Office of P3 Initiatives and International Affairs selected Lee Engineering to analyze the penetration rate of ARID technology to measure wait time of U.S. and Mexico bound personal vehicles at 6 (six) United States-Mexico Ports of Entry (POEs) in Arizona. The purpose of this study is for ADOT and stakeholders to have an understanding of ARID data collection technology, validity of measuring wait time at POEs, and recommendations on which POEs to install permanent ARID technology, in priority order. The Ports of Entry included in this study are:

Table 1. Arizona – Mexico Ports of Entry

Port of Entry	City	Operating Hours	Total Volume of Personal Vehicles Entering the U.S. in 2014 (Jan-Dec)
San Luis I	San Luis	24 Hours	3,028,042
DeConcini	Nogales	24 Hours	3,286,532
Mariposa	Nogales	6 AM to 10 PM	
Raul Hector Castro	Douglas	24 Hours	1,571,929
Lukeville	Lukeville	6 AM to 12 AM	316,429
Naco	Naco	24 Hours	298,368

Source: U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, based on data from the Department of Homeland Security, U.S. Customs and Border Protection, Office of Field Operations.

PROJECT STAKEHOLDERS

A Technical Advisory Committee (TAC) was established to facilitate data collection and help guide the study. The following agencies were represented on the TAC:

- Arizona Department of Transportation, Multimodal Planning Division
- Arizona Department of Transportation, Safford District
- Arizona Department of Transportation, Tucson District
- Arizona Department of Transportation, Yuma District
- Federal Highway Administration
- Douglas International Port Authority
- Southeastern Arizona Governments Organization (SEAGO)
- City of Douglas, Arizona
- Municipio de Agua Prieta
- Cochise County

- Greater Nogales Santa Cruz County Port Authority
- Pima Association of Governments (PAG)
- City of Nogales
- Municipio de Nogales, Sonora
- Santa Cruz County
- Municipio de Sonoyta
- Greater Yuma Port Authority
- Yuma Metropolitan Planning Organization (YMPO)
- City of San Luis
- Municipio de San Luis Rio Colorado
- Secretaria de Infraestructura y Desarrollo Urbano (SIDUR)
- Secretaria de Comunicaciones y Transporte (SCT)
- U.S. Customs and Border Protection (CBP)
- Administración General de Aduanas (Mexican Customs)
- U.S. General Services Administration (GSA)

DATA COLLECTION

Lee Engineering and Crossborder Group collected travel time and traffic volumes in June and July of 2015 to evaluate the penetration rate or the sampling rate of Bluetooth or Wi-Fi anonymous re-identification technology at the six Arizona-Mexico POEs. Prior to field deployment, staff from Crossborder Group visited the six POEs along the Arizona-Sonora border to assess specific site location options and potential limitations for the deployment of video volume data collection and ARID technology equipment. Site locations were identified based on several factors including the availability of existing poles or parking areas for security, strength of cellular communications network, and traffic flow. The Technical Advisory Committee (TAC) provided input for preferred data collection sites and observation dates at each POE. The ease of installation, travel time between sites, avoiding holidays, and the overall project schedule was also considered.

Traffic volumes were obtained using Miovision™ video cameras and processing. To estimate the number of passenger vehicles only, trucks were removed from the count.

ARID travel time data collection devices developed by Post Oak Traffic Systems were used to collect travel times. The equipment included a deep cycle gel cell battery, data processing device, Bluetooth or Wi-Fi antenna, and cellular modem inside a Pelican hardcase. To minimize the chance of theft, the hardcase was joined to a fixed object with a heavy duty steel chain and lock or secured inside a locked vehicle. The pelican hardcase and an example arterial deployment are shown in Figure 1. The hardcase and antennas were secured to a light pole using locks and heavy duty steel chains.



Figure 1: ARID Deployment

The cellular communication allowed for monitoring and processing the ARID device data in real-time and alerted data collection staff to tampering, theft, or malfunction. If cellular service was not available at a deployment location, the data was stored within the device for upload to a computer and post-processing. Post Oak Traffic Systems provided the software hosting and processing which matched MAC addresses recorded by the ARID readers, which were later used to estimate sample size of wait times of personal vehicles entering and exiting the United States.

The drawback of ARID technology is that multiple signals may exist within a vehicle such as smart phones. This is usually a small number of the total data collected, but it may have skewed the data for this study's application. Additionally, we located the ARID devices in the field with the intent to collect data from passenger vehicles; however, this technology cannot differentiate between matches obtained from vehicles moving at the similar speeds (e.g., cargo trucks). Overall, this technology provides a good estimation of motor vehicle travel time, which, when installed permanently, can be disseminated to drivers to facilitate route choice.

ARID data collection using Bluetooth is currently being used in other states at their borders with Mexico and Canada; however, published information is not available regarding performance and capabilities of Bluetooth versus Wi-Fi enabled anonymous re-identification devices at Ports of Entry. A pilot field test of the ARID technology was performed using Bluetooth™ and Wi-Fi to evaluate the functionality of Bluetooth and Wi-Fi enabled anonymous re-identification devices at an Arizona - Mexico Port of Entry. The pilot field test served as the method of identifying the most appropriate technology for the six POEs in the study and was conducted for three hours on June 16th at the DeConcini Port of Entry. This location was selected based on the geometry of the POE, roadway ownership by ADOT, and accessibility. The Bluetooth and Wi-Fi ARID devices were deployed at the same time on opposite sides of the roadway to record the same vehicle flow. Interference between the Bluetooth and Wi-Fi ARID devices was not evident. By using cellular communications, the team was able to receive and analyze the data in real-time to determine whether Bluetooth™ or Wi-Fi resulted in a greater quantity of valid travel time matches. Wi-Fi yielded 4-5 times greater valid matches during the pilot deployment and was used for data collection at the remaining Ports of Entry.

Field equipment was deployed for at least two operating days at each POE. The team coordinated closely with the ADOT, FHWA, CBP, GSA, and appropriate agencies in Mexico at each POE throughout the data collection process. The location, collection times, and field

equipment deployment description was provided to the appropriate local jurisdiction or security office in order to obtain a permit or clearance to conduct the data collection effort. Additional information including contact information for personnel conducting the collection effort was also provided. A contact card was secured to all portable ARID devices in the case that any field issues were encountered, to ensure immediate attention could be provided to address the situation.

The field equipment deployment schedule of the ARID Wi-Fi and Miovision technologies is provided in Table 2. Although each Port of Entry deployed the equipment for at least two days, some of the observation hours were excluded due to POE operating hours or device adjustment time. The adjustment period occurs primarily during installation, when the ARID device requires time to equilibrate and begin identifying valid matches. Observation time was also excluded if there was evidence of device malfunction, either with the ARID sensors or the Miovision cameras.

Table 2: Data Collection Schedule

Port of Entry	Data Collection Period		Valid Data Hours Analyzed	
	Start	End	ARID Wi-Fi	Miovision
San Luis	Wednesday, July 01, 2015	Saturday, July 04, 2015	33	62
DeConcini (Nogales)	Tuesday, June 16, 2015	Thursday, June 18, 2015	44	50
Mariposa (Nogales)	Tuesday, June 16, 2015	Thursday, June 18, 2015	21	25
Raul Hector Castro (Douglas)	Thursday, June 18, 2015	Sunday, June 21, 2015	54	60
Lukeville	Monday, June 29, 2015	Wednesday, July 01, 2015	41	26
Naco	Thursday, June 18, 2015	Saturday, June 20, 2015	40	48

The data summarized in the results can be found in a detailed form in the appendices. **APPENDIX A** includes the ARID Wi-Fi match data, including the travel time, average speed, and vehicle sample size in 15 minute periods. The Miovision data, which documents the total number of personal vehicles observed, is provided in **APPENDIX B**. The penetration rate analysis is included in **APPENDIX C**, and the delay data can be found in **APPENDIX D**.

DATA ANALYSIS

The purpose of the analysis was to determine whether ARID devices deployed at each Arizona-Mexico Port of Entry would collect a sufficient sample size of passenger vehicle travel time matches out of the total volume of passenger vehicles to confidently estimate wait times of U.S. and Mexico bound personal vehicles. The method in which crossing time, wait time, and delay are calculated are described in this section, along with a description and analysis of each Port of Entry.

METHODOLOGY

Penetration Rate Calculation:

The penetration rate is similar to sampling rate, which is essentially the number of unique devices detected by the ARID technology divided by the traffic volume for the same time period. The team used the following formula to calculate the penetration rate.

$$\text{Penetration Rate (\% of traffic)} = \frac{\text{\# of unique devices detected (devices per hour)}}{\text{traffic volume (cars per hour)}}$$

The penetration rate was calculated using a comparison of the ARID Wi-Fi data to the Miovision video data, which captured the volume of personal vehicles. In both data collection methods, the quantity of matches or vehicles (samples) can be compared in terms of 15 minute periods. To reduce bias of truck traffic or multiple Wi-Fi enabled devices identified in passenger vehicles, 15 minute periods with less than either three ARID Wi-Fi samples or three Miovision samples were excluded. This threshold value is based on a review of Port of Entry data and past experience in analyzing data from this technology. It was observed that making comparisons between ARID and Miovision data in 15 minute periods with less than three samples did not provide enough data to provide accurate representation.

The penetration rates of the six Ports of Entry are discussed in this report, and further information can be found in Appendix C.

Crossing Time, Wait Time and Delay Calculations:

Crossing time and wait time can be measured using multiple ARID devices along border crossing segments. Crossing time, as it applies to this study, is defined as the time required for passenger vehicles to pass by the first ARID device, proceed through the check point, and pass by a second ARID device. Wait time describes a smaller component of crossing time, where the time is measured from the first ARID device to a second ARID device located at the border check point station. To accurately measure crossing time and wait time at a Port of Entry in both queuing directions using ARID technology, three device installation positions are required. The configuration of devices to determine wait time and crossing time are shown in Figure 2.

When ARID devices are permanently implemented at a Port of Entry, three devices should be installed to accurately measure both the crossing time and wait time in the entering and exiting U.S. directions.

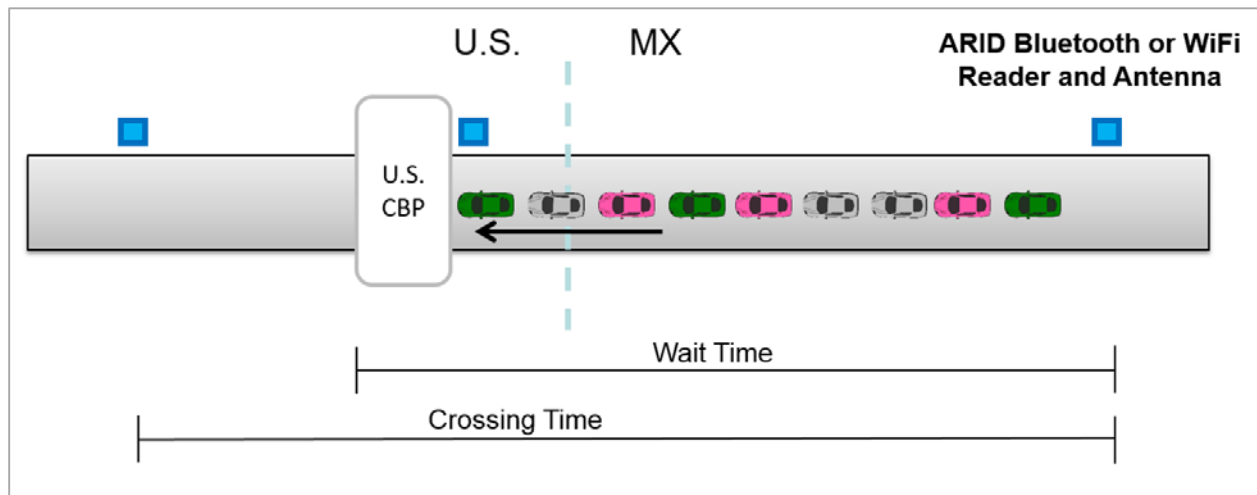


Figure 2: Wait Time and Crossing Time Diagram at a Port of Entry

The wait time, delay, and vehicle delay are estimated using the following formulae:

Wait Time (seconds) = Crossing Time (seconds) - time required at free flow condition from check point to downstream ARID device (seconds)

Delay (hours) = Wait Time (hours) – time required at free flow condition (hours)

Vehicle Delay (cars-hours) = Delay (hours) X Number of vehicles (cars)

SAN LUIS PORT OF ENTRY

The San Luis Port of Entry connects San Luis, Arizona with San Luis Rio Colorado, Sonora, and operates on a 24-hour basis, seven days a week. The primary access roadways to the POE are U.S. Route 95 (Arizona) Mexican Federal Highway 2 (Sonora), and Mexican Federal Highway 40 (Sonora). Figure 3 and Table 3 describe the study area, device deployment locations, and data collection segments at the San Luis POE.



Figure 3. San Luis Port of Entry, Aerial View and Device Position Location

Four ARID devices were deployed at the San Luis Port of Entry: two located in Arizona (Positions 1 and 2), and two located in Sonora (Positions 3 and 4). Using this configuration, there are two northbound segments (3 to 1 and 3 to 2) and two southbound segments (1 to 3 and 1 to 4) available for Wi-Fi matching. A Miovision camera was deployed at Position A, with the ability to collect southbound traffic volume counts. The Miovision data collected from Position A relates to the ARID Wi-Fi data segment from Position 1 to 4, which was used to calculate the penetration rates.

Due to security concerns, the equipment at each location was taken down each day by 10:00 PM to ensure the security of the devices. Data was collected between the hours of 4:00 AM and 10:00 PM at this POE. A summary of the collected data is shown in Figure 4.

Table 3. San Luis Port of Entry, Data Collection Segment Information

ARID Device Data Collection Locations		
Position 1	Mounted on ADOT signage located on the south side of Urtuzuastegui St. (west of State Route 95)	
Position 2	Mounted on ADOT directional signage on Urtuzuastegui St. and intersection of northbound exit from San Luis POE.	
Position 3	Mounted on utility pole south of Captain Carlos G. Calles (approach road for POE) in public space between Calle 2 and Calle 3.	
Position 4	Device positioned in a parked vehicle in public space near the intersection of Calle 1/Calle Alvaro Obregon.	
Segments Evaluated Using ARID Technology		
SB	1 → 3	San Luis, Arizona (US) → San Luis, Sonora (MX)
NB	3 → 1	San Luis, Sonora (MX) → San Luis, Arizona (US)
SB	1 → 4	San Luis, Arizona (US) → San Luis, Sonora (MX)
NB	3 → 2	San Luis, Sonora (MX) → San Luis, Arizona (US)
Miovision Data Collection Location		
Mounting Location: Position A		
Segments Evaluated Using ARID Technology		
SB	1 → 4	San Luis, Arizona (US) → San Luis, Sonora (MX)

San Luis Port of Entry

San Luis, Arizona / San Luis Rio Colorado, Sonora

ARID Wi-Fi Data Summary

Data Collected from July 2 - 4, 2015

Northbound		MX to US (3-1)		Southbound		US to MX (1-3)	
		Travel Time Samples Collected:				Travel Time Samples Collected:	
		Total Samples	2565			Total Samples	192
		Hours Analyzed	39			Hours Analyzed	26
		Average Matches Per Hour	67			Average Matches Per Hour	8
Northbound		MX to US (3-2)		Southbound		US to MX (1-4)	
		Travel Time Samples Collected:				Travel Time Samples Collected:	
		Total Samples	3150			Total Samples	3092
		Hours Analyzed	36			Hours Analyzed	26
		Average Matches Per Hour	89			Average Matches Per Hour	121

Miovision Video Data Summary

Data Collected from July 1 - 4, 2015

Southbound		US to MX - At Position A, Reflecting (1-4)	
		Travel Time Samples Collected:	
		Total Samples	23434
		Hours Analyzed	62
		Average Vehicles Per Hour	379

Note: The difference between ARID and Miovision Start/End dates is due to varied installation time and the omission of invalid data periods.

Figure 4. San Luis Port of Entry, Summary of ARID Wi-Fi and Miovision Data

The segments evaluated over the 3-4 day period show consistent quantities in Wi-Fi matches, with the exception of the southbound segment from Position 1 to 3. This is due to the one-way directional flow at Position 3.

Figure 5 shows the total personal vehicles observed at the San Luis POE in relation to the quantity of Wi-Fi matches. The multiple days of data are summarized into hourly averages over a 24-hour period. The moving line represents the penetration rate, which is the ratio between Wi-Fi matching and the total number of hourly vehicles.

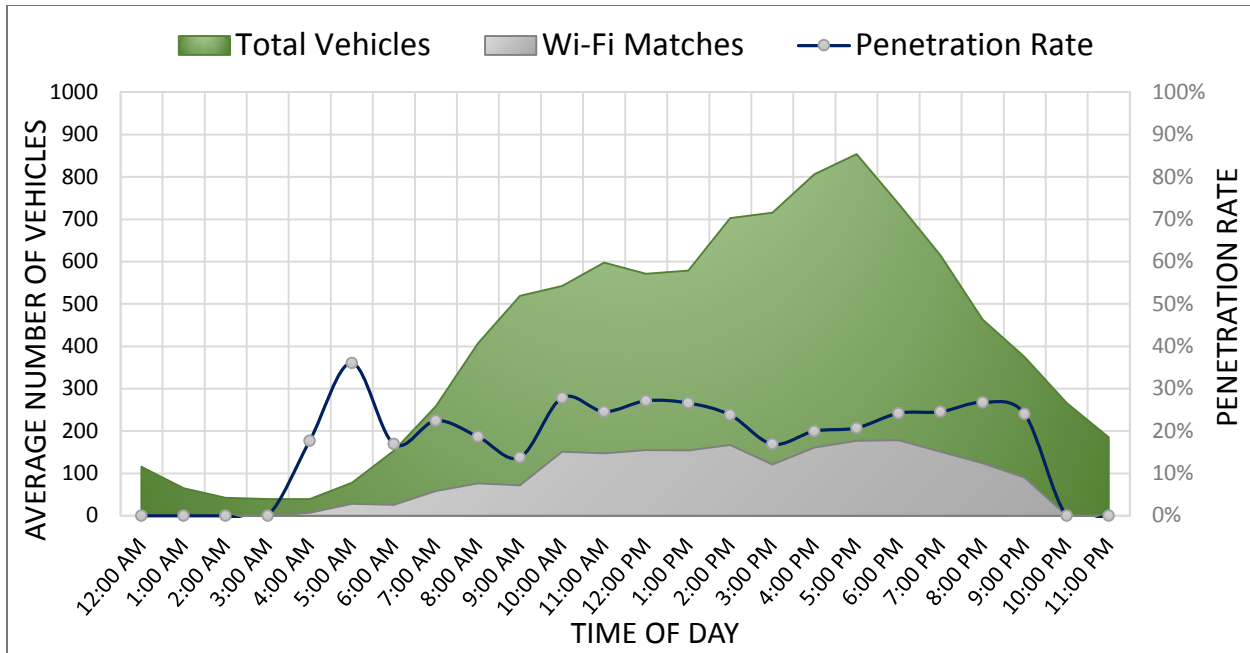
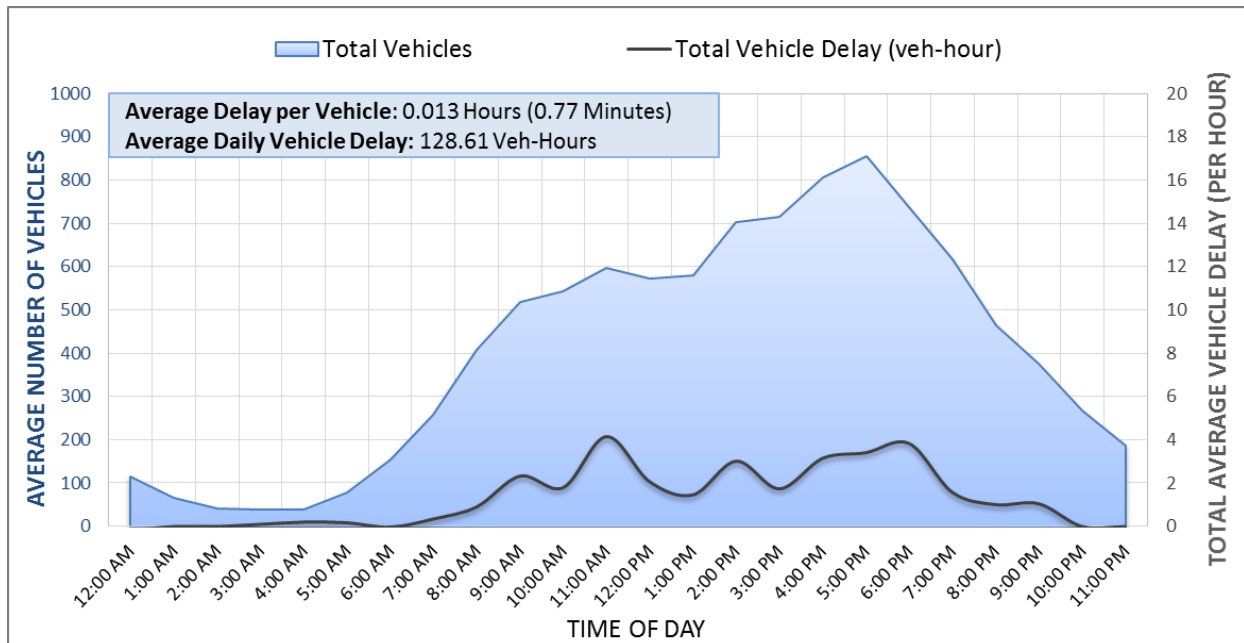


Figure 5. San Luis Port of Entry, Quantity of Total Vehicles and ARID Wi-Fi Matches Observed in the Southbound Direction (1-4)

The average daily penetration rate at the San Luis Port of Entry was determined to be 21.0% in the southbound direction.

At the San Luis Port of Entry, there was an average delay per vehicle of 0.77 minutes in the northbound direction.



Note: The scale is increased in the San Luis plots to include the larger datasets.

Figure 6. San Luis Port of Entry, Average Delay of Southbound Vehicles Exiting the U.S. (1-4)

LUKEVILLE PORT OF ENTRY

The Lukeville Port of Entry connects Lukeville, Arizona with Sonoyta, Sonora. The Lukeville POE operates seven days a week between 6:00 AM and 12:00 AM. Arizona State Route 85 (North Ajo Sonoita Highway) in Arizona and Mexican Federal Highway 8 (Benemérito de Las Americas) in Sonora are the primary access roadways to the POE. The Lukeville POE study area and device position locations are displayed in Figure 7. Descriptions of the device locations and the data collection segments are provided in Table 4.



Figure 7. Lukeville Port of Entry, Aerial View and Device Position Location

Table 4. Lukeville Port of Entry, Data Collection Segment Information

ARID Device Data Collection Locations		
Position 1	Located west of N Ajo Sonoita Highway (State Route 85) just north of the gas station. The device was mounted on a north-facing "Firearms" sign.	
Position 2	Located on a light pole in the median between northbound and southbound lanes of State Route 85 (within the CBP facility).	
Segments Evaluated Using ARID Technology		
SB	1 → 2	Lukeville, Arizona (US) → POE Border
NB	2 → 1	POE Border → Lukeville, Arizona (US)
Miovision Data Collection Location		
Mounting Location: Position 1		
Segments Evaluated Using ARID Technology		
SB	1 → 2	Lukeville, Arizona (US) → POE Border

Two ARID devices were deployed at the Lukeville POE, one in Arizona (Position 1) and one at the border crossing (Position 2). The northbound and southbound segments between the two devices were observed using Wi-Fi matching. The Miovision camera was mounted at Position 1, which captured southbound volumes for comparison to the collected southbound ARID data segment.

The total volume and Wi-Fi match data was collected over a 3 day period. A summary of the data collection is shown in Figure 8.

Lukeville Port of Entry

Lukeville, Arizona / Sonoyta, Sonora

ARID Wi-Fi Data Summary

Data Collected from June 29 - July 1, 2015

Northbound		POE to US (2-1)	Southbound		US to POE (1-2)
		Travel Time Samples Collected:			Travel Time Samples Collected:
		Total Samples			Total Samples
		1897			660
		Hours Analyzed			Hours Analyzed
		38			44
		Average Matches Per Hour			Average Matches Per Hour
		50			15

Miovision Video Data Summary

Data Collected from June 30 - July 1, 2015

Southbound		US to POE - At Position 1, Reflecting (1-2)
		Travel Time Samples Collected:
		Total Samples
		469
		Hours Analyzed
		26
		Average Vehicles Per Hour
		18

Note: The difference between ARID and Miovision Start/End dates is due to varied installation time and the omission of invalid data periods.

Figure 8. Lukeville Port of Entry, Summary of ARID Wi-Fi and Miovision Data

During the three day period, the quantity of Wi-Fi matches of vehicles travelling northbound (entering into Arizona) was more than three times greater than that of southbound Wi-Fi matches (exiting Arizona).

Figure 9 represents the comparison of total vehicles to the quantity of Wi-Fi matches observed in the southbound direction. The hourly Wi-Fi matches follow the trend of the total hourly traffic volume, however; due to the low traffic volume the penetration rate is more unstable. The lower sample size creates more variability in the data and the results more susceptible to the influence of error. The Wi-Fi matches have the potential to be skewed to reflect an inflated amount if vehicles carry multiple Wi-Fi devices, or if there is a significant volume of truck traffic. Total volume counts include personal vehicles only, but it is not possible to identify and remove Wi-Fi matches from non-personal vehicles.

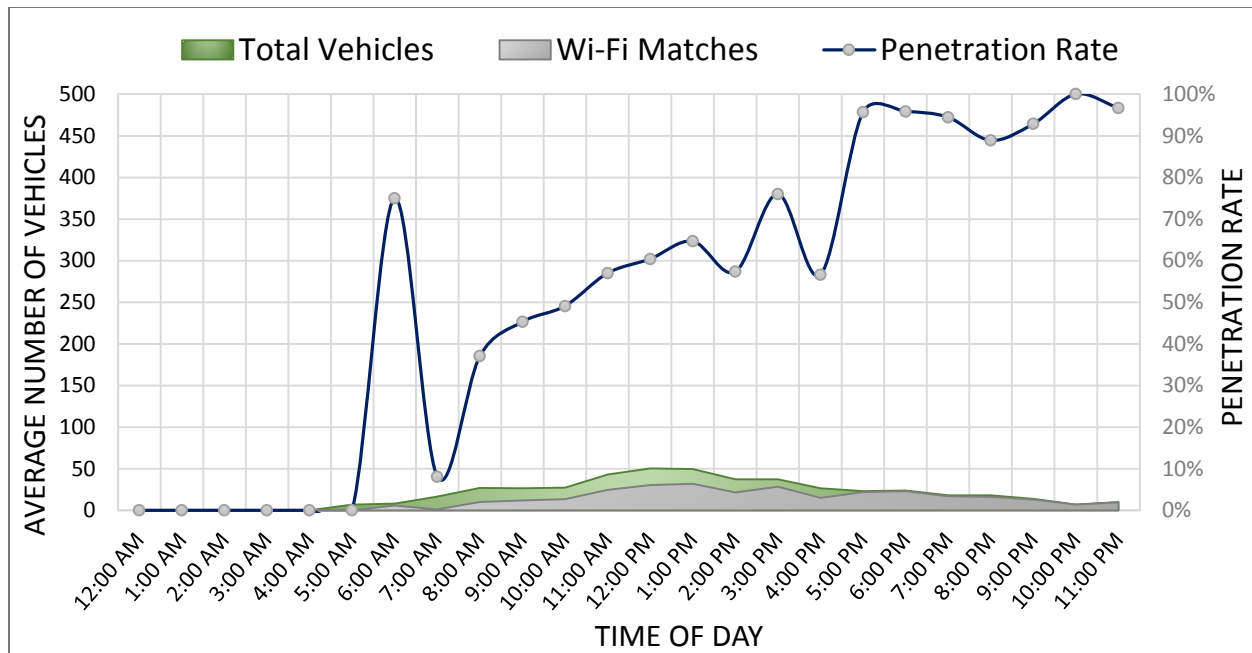


Figure 9. Lukeville Port of Entry, Quantity of Total Vehicles and ARID Wi-Fi Matches Observed in the Southbound Direction (1-2)

The average daily penetration rate was 64.2% in the southbound direction. As mentioned in Table 1, the total personal vehicle volume of the Lukeville and Naco Ports of Entry are significantly lower than the other four POEs. When comparing the effectiveness of the Wi-Fi devices at the six POEs, the penetration rates of the Lukeville and Naco POEs should be interpreted with caution due to their low volumes.

The average delay per vehicle was determined to be 0.52 minutes in the southbound direction, with a collective average vehicle delay of approximately 4 vehicle-hours per day.

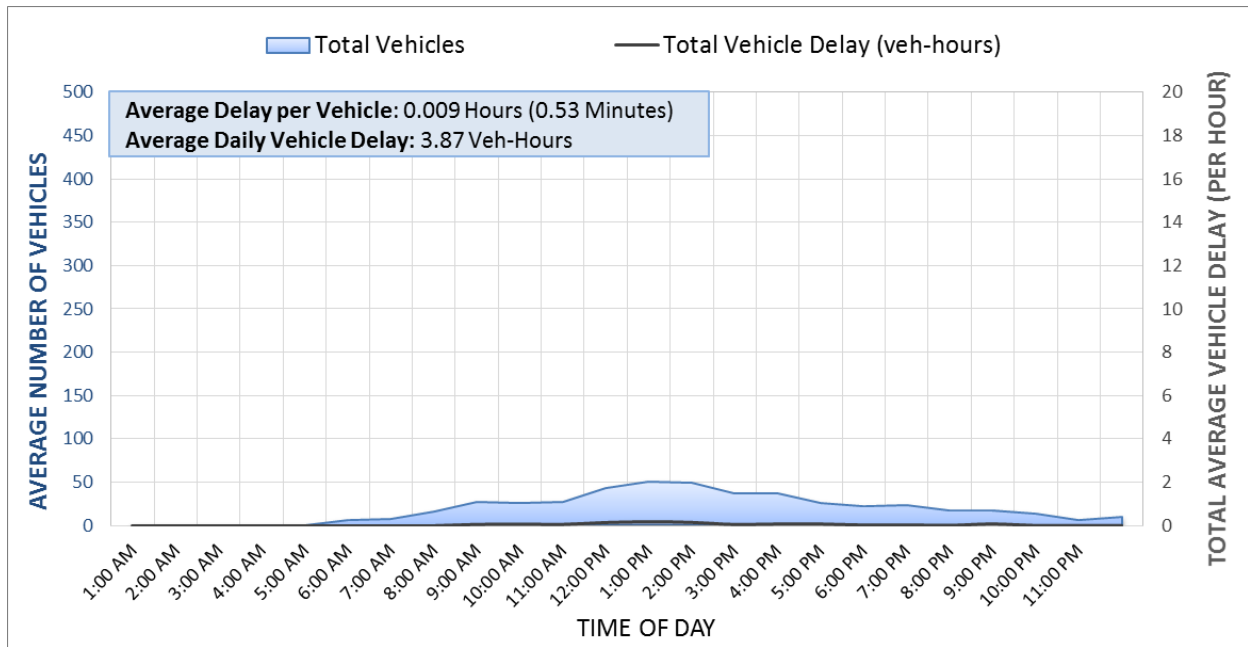


Figure 10. Lukeville Port of Entry, Average Delay of Southbound Vehicles Exiting the U.S. (1-2)

MARIPOSA PORT OF ENTRY

The Mariposa Port of Entry connects Nogales, Arizona with Nogales, Sonora. It operates seven days a week between 6:00 AM and 10:00 PM. State Route 189 (Mariposa Road) in Arizona and Mexican Federal Highway 15D in Sonora are the primary access roadways for the port of entry. Figure 11 and Table 5 describe the study area, device deployment locations, and data collection segments.



Figure 11. Mariposa Port of Entry, Aerial View and Device Position Location

Table 5. Mariposa Port of Entry, Data Collection Segment Information

ARID Device Data Collection Locations		
Position 1	Mounted to the ADOT pedestrian median structure located on N. Mariposa Rd., just south of the N. Mariposa Rd/Freeport Dr. intersection.	
Position 2	Mounted to the light pole immediately south of the northbound lane signage on the approach to Mariposa POE.	
Position 3	Device positioned in a parked vehicle located along Periferico Pte.	
Segments Evaluated Using ARID Technology		
SB	1 → 2	Nogales, Arizona (US) → POE Border
NB	2 → 1	POE Border → Nogales, Arizona (US)
SB	2 → 3	POE Border → Nogales, Sonora (MX)
NB	3 → 2	Nogales, Sonora (MX) → POE Border
Miovision Data Collection Location		
Mounting Location: Position 1		
Segments Evaluated Using Miovision Technology		
SB	1 → 2	Nogales, Arizona (US) → POE Border
NB	2 → 1	POE Border → Nogales, Arizona (US)

Three ARID devices were deployed at the Mariposa Port of Entry: one located in Arizona (Position 1), one located at the border (Position 2), and one located in Sonora (Position 3). Using this configuration, Wi-Fi matching was possible along the northbound and southbound segments between Positions 1 and 2 and between Positions 2 and 3. The Miovision camera was installed at Position 1, with the ability to record traffic volume counts in the northbound and southbound directions. Due to security concerns during non-operational hours, the equipment at each location was taken down each day between 8:00 PM and 9:00 PM to ensure the security of the devices prior to the nightly POE closure. Data was collected between the hours of 6:00 AM and 8:00 PM.

A summary of the collected data is shown in Figure 12.

Mariposa Port of Entry

Nogales, Arizona / Nogales, Sonora

ARID Wi-Fi Data Summary

Data Collected from June 16 - 18, 2015

Northbound

POE to US (2-1)

Travel Time Samples Collected:

Total Samples292

Hours Analyzed23

Average Matches Per Hour13

Southbound

US to POE (1-2)

Travel Time Samples Collected:

Total Samples152

Hours Analyzed23

Average Matches Per Hour7

Northbound

MX to POE (3-2)

Travel Time Samples Collected:

Total Samples195

Hours Analyzed18

Average Matches Per Hour11

Southbound

POE to MX (2-3)

Travel Time Samples Collected:

Total Samples50

Hours Analyzed18

Average Matches Per Hour3

Miovision Video Data Summary

Data Collected from June 16 - 18, 2015

Northbound	POE to US - At Position 1, Reflecting (2-1)	
	Travel Time Samples Collected:	
	Total Samples	6519
	Hours Analyzed	28
	Average Vehicles Per Hour	235

Southbound	US to POE - At Position 1, Reflecting (1-2)	
	Travel Time Samples Collected:	
	Total Samples	5353
	Hours Analyzed	19
	Average Vehicles Per Hour	289

Figure 12. Mariposa Port of Entry, Summary of ARID Wi-Fi and Miovision Data

During the three-day data collection period, both the Miovision and ARID technologies indicated greater traffic volumes in the northbound direction (vehicles entering Arizona). A high traffic volume counts were observed using the Miovision cameras, however the levels of Wi-Fi detection were relatively low. This corresponds to low penetration rates, which is shown in Figures 13 and 14.

The average daily penetration rate at the Mariposa Port of Entry was determined to be 5.7% in the northbound direction and 2.4% in the southbound direction.

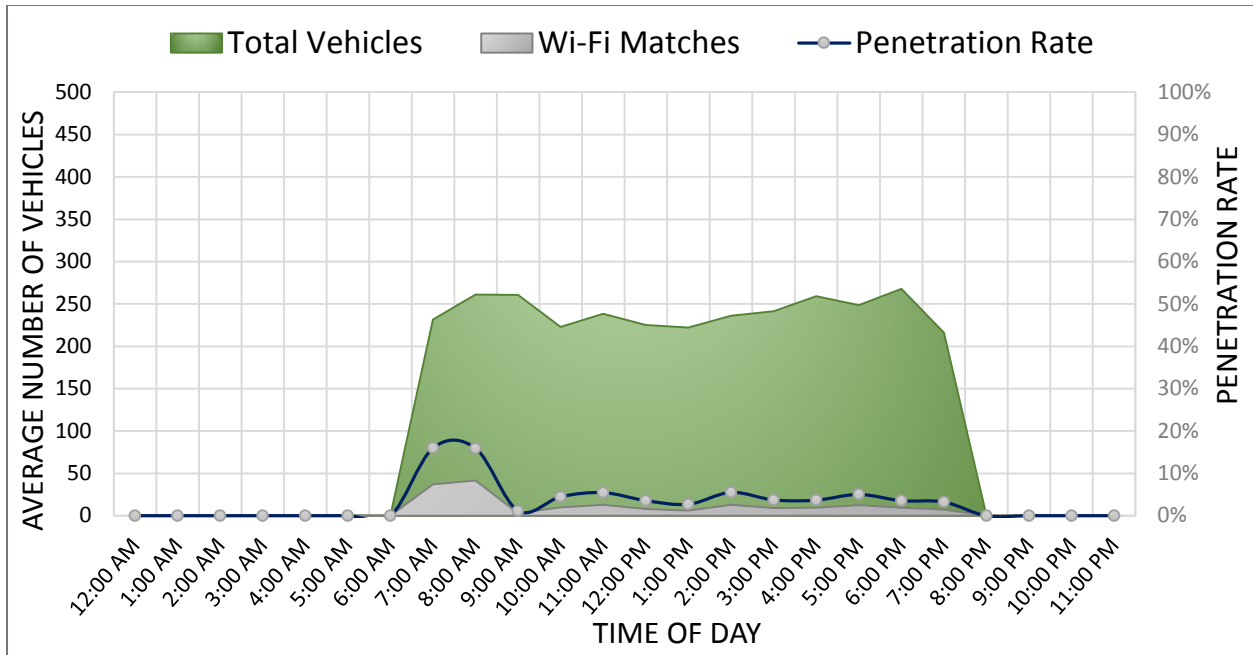


Figure 13. Mariposa Port of Entry, Quantity of Total Vehicles and ARID Wi-Fi Matches Observed in the Northbound Direction (2-1)

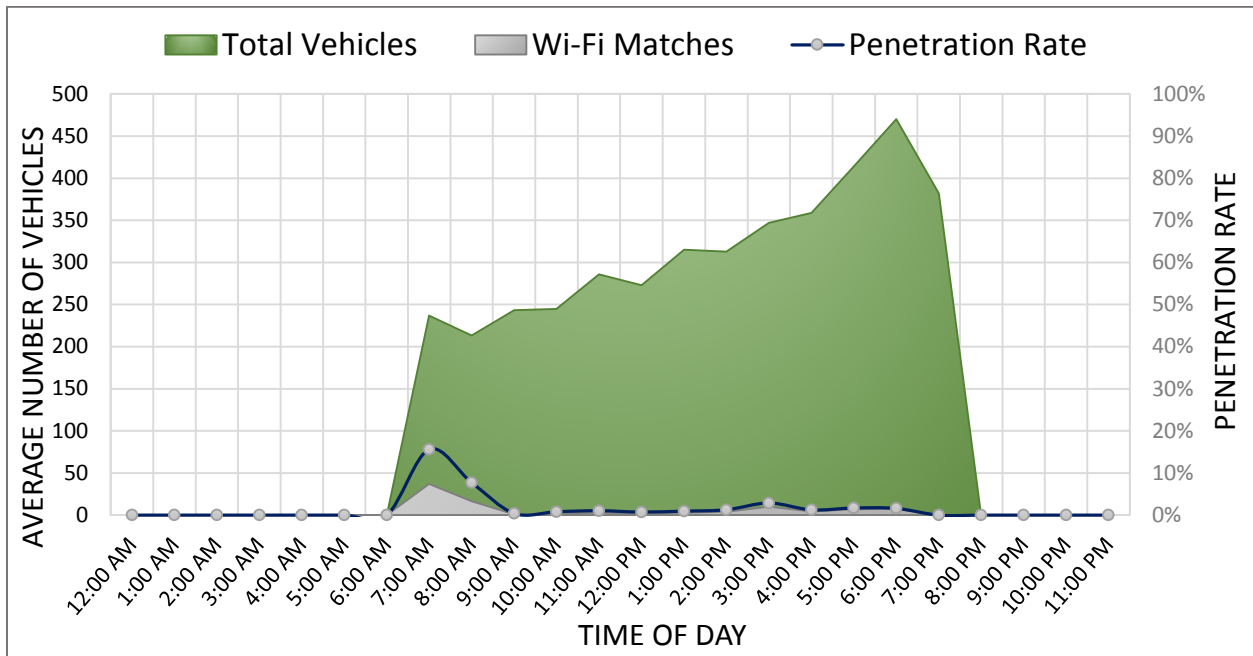


Figure 14. Mariposa Port of Entry, Quantity of Total Vehicles and ARID Wi-Fi Matches Observed in the Southbound Direction (1-2)

In the northbound direction, the average delay per vehicle was 5.46 minutes, with an average daily vehicle delay of approximately 240 vehicle-hours. In the southbound direction, the average delay per vehicle was 0.96 minutes, with 42 vehicle-hours of average daily vehicle delay.

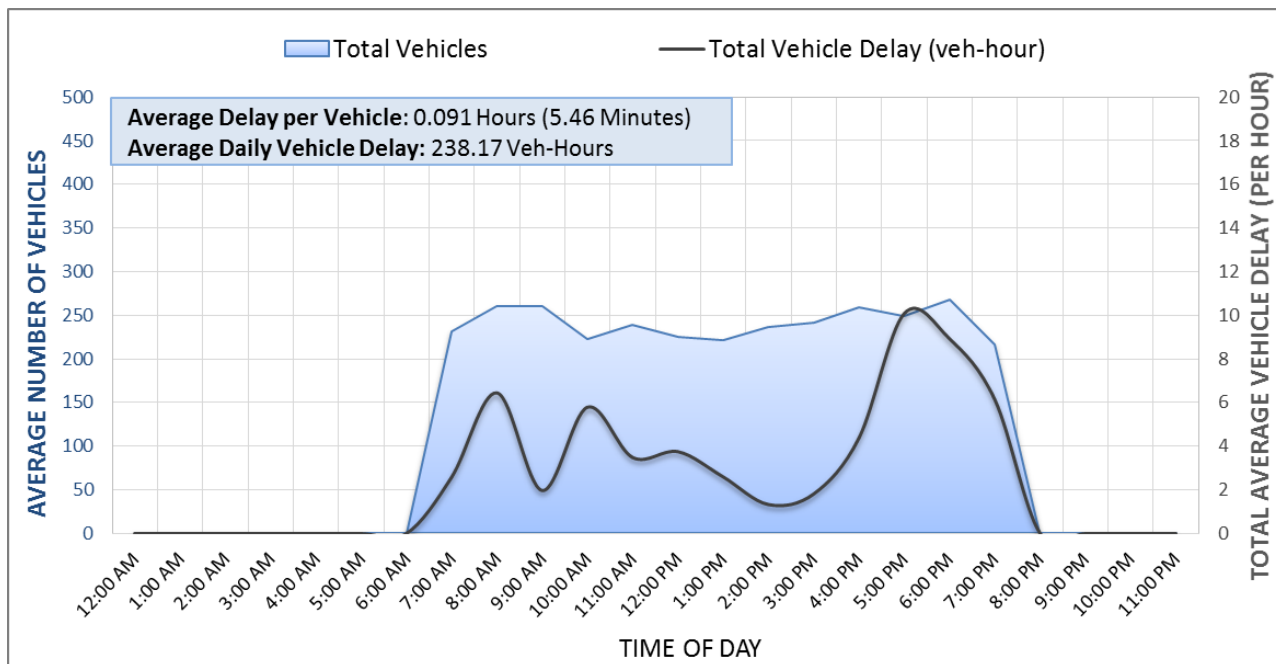


Figure 15. Mariposa Port of Entry, Average Delay of Northbound Vehicles Entering the U.S. (3-2)

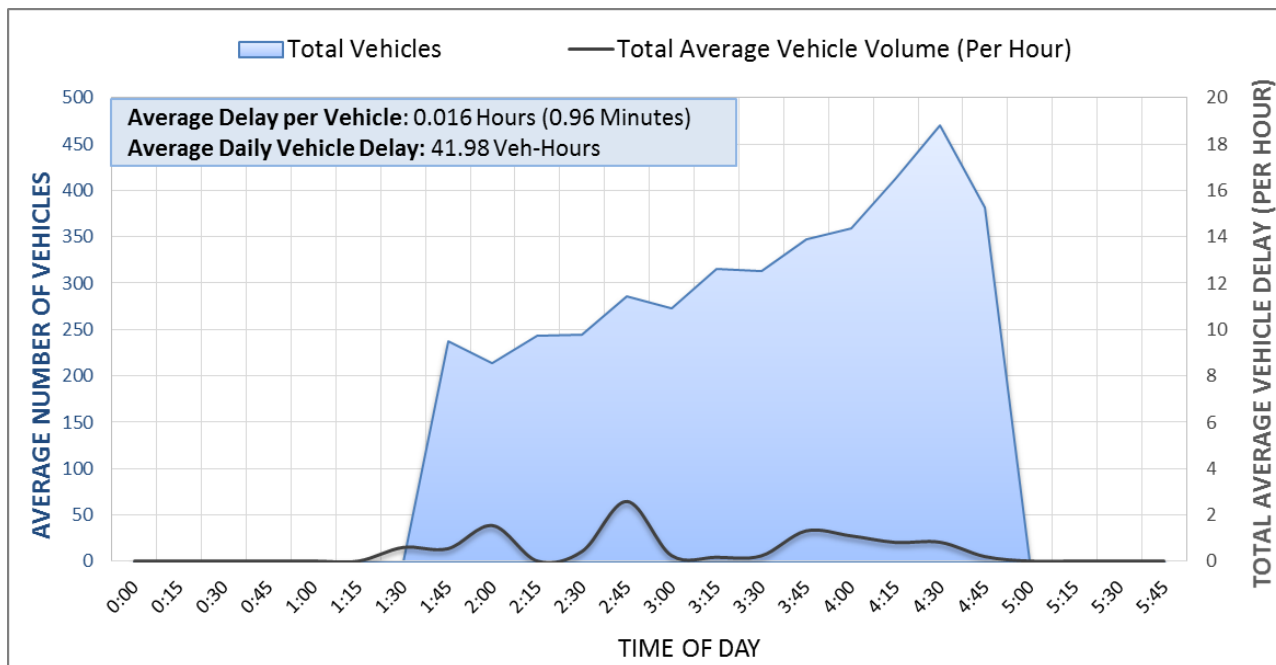


Figure 16. Mariposa Port of Entry, Average Delay of Southbound Vehicles Exiting the U.S. (2-1)

DECONCINI PORT OF ENTRY

The DeConcini Port of Entry connects Nogales, Arizona with Nogales, Sonora, and operates on a 24-hour basis, seven days a week. The primary access roadways to the POE are Interstate 19 Business (Grand Avenue) in Arizona and Mexican Federal Highway 15 in Sonora. Figure 17 and Table 6 describe the study area, device deployment locations, and data collection segments.



Figure 17. DeConcini Port of Entry, Aerial View and Device Position Location

Table 6. DeConcini Port of Entry, Data Collection Segment Information

ARID Device Data Collection Locations		
Position 1	Mounted on ADOT sign structure southeast of the intersection of Grand Ave and Park.	
Position 3	Located in the INDAABIN managed median "flag park" between the northbound and southbound lanes of Adolfo Lopez Mateos.	
Segments Evaluated Using ARID Technology		
SB	1 → 3	Nogales, Arizona (US) → Nogales, Sonora (MX)
NB	3 → 1	Nogales, Sonora (MX) → Nogales, Arizona (US)
Miovision Data Collection Location		
Mounting Location: Position 1		
Segments Evaluated Using Miovision Technology		
SB	1 → 3	Nogales, Arizona (US) → Nogales, Sonora (MX)
NB	3 → 1	Nogales, Sonora (MX) → Nogales, Arizona (US)

Two ARID devices were deployed at the DeConcini POE. An ARID device and Miovision camera were installed in Arizona (Position 1) and a second ARID device was installed in Sonora (Position 3). Total traffic volume counts and Wi-Fi matches were collected for the northbound and southbound segments between the Arizona and Sonora device locations. A summary of the collected data is shown in Figure 18.

DeConcini Port of Entry

Nogales, Arizona / Nogales, Sonora

ARID Wi-Fi Data Summary

Data Collected from June 16 - 18, 2015

Northbound		Southbound	
MX to US (3-1)		US to MX (1-3)	
Travel Time Samples Collected:		Travel Time Samples Collected:	
Total Samples	3117	Total Samples	2258
Hours Analyzed	44	Hours Analyzed	44
Average Matches Per Hour	72	Average Matches Per Hour	52

Miovision Video Data Summary

Data Collected from June 16 - 18, 2015

Northbound		Southbound	
MX to US - At Position 1, Reflecting (3-1)		US to MX - At Position 1, Reflecting (1-3)	
Travel Time Samples Collected:		Travel Time Samples Collected:	
Total Samples	12148	Total Samples	4363
Hours Analyzed	50	Hours Analyzed	50
Average Vehicles Per Hour	245	Average Vehicles Per Hour	88

Figure 18. DeConcini Port of Entry, Summary of ARID Wi-Fi and Miovision Data

During the three-day data collection period, both the Miovision and ARID technologies indicated greater traffic volumes in the northbound direction (vehicles entering Arizona). The penetration rate was also greater in the northbound direction. Figures 19 and 20 describe the relationship between the total number of vehicles and the quantity of vehicles detected by Wi-Fi matching at the DeConcini Port of Entry.

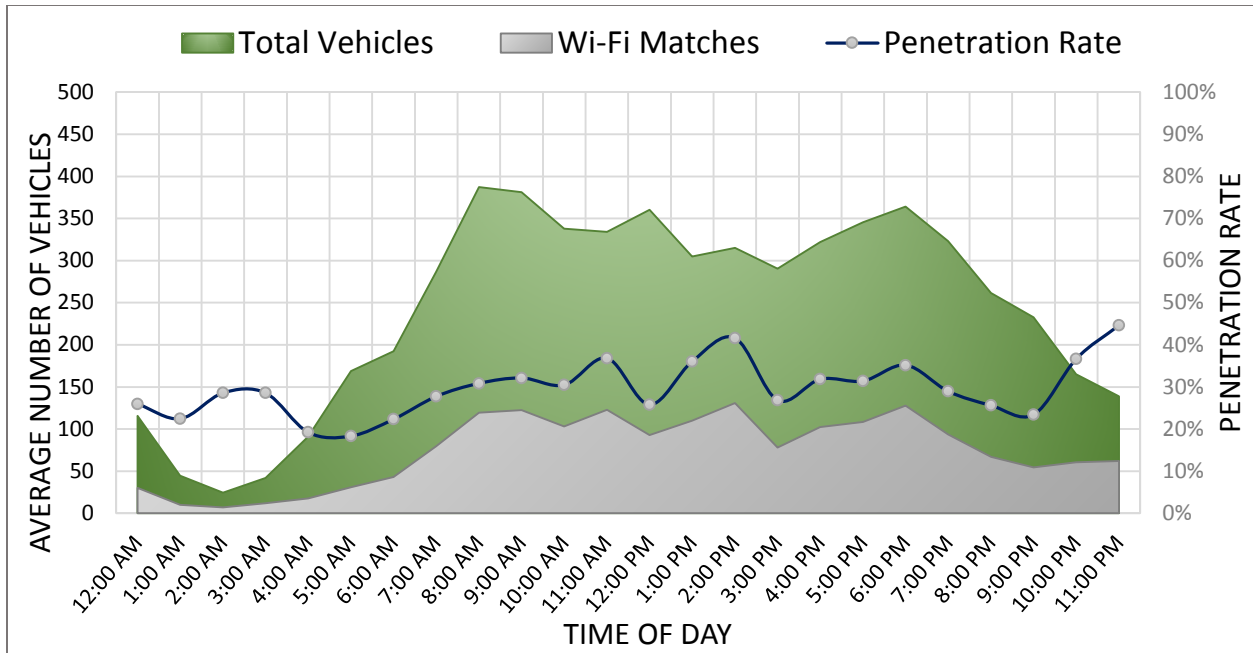


Figure 19. DeConcini Port of Entry, Quantity of Total Vehicles and ARID Wi-Fi Matches Observed in the Northbound Direction (3-1)

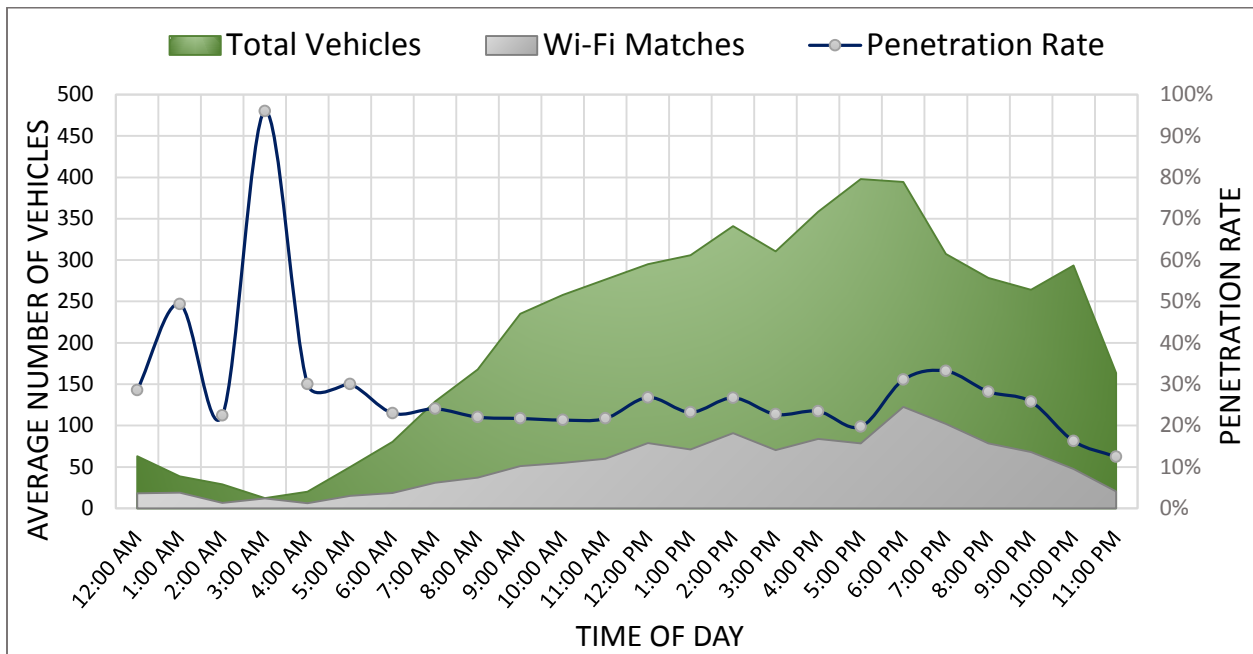


Figure 20. DeConcini Port of Entry, Quantity of Total Vehicles and ARID Wi-Fi Matches Observed in the Southbound Direction (1-3)

In both the northbound and southbound directions, the Wi-Fi matches follow the same moving trends as the total hourly vehicle volume averages. These findings indicate that the equipment operated successfully and consistent vehicle samples were evaluated in the analysis (same

location, days, time periods, etc.) The average daily penetration rate was determined to be 30.6% in the northbound direction and 24.5% in the southbound direction.

The average delay per vehicle in the northbound and southbound directions was 2.89 minutes and 0.78 minutes, respectively. The collective average vehicle delay was 303 vehicle-hours per day and 70 vehicle-hours per day, in the northbound and southbound directions, respectively.

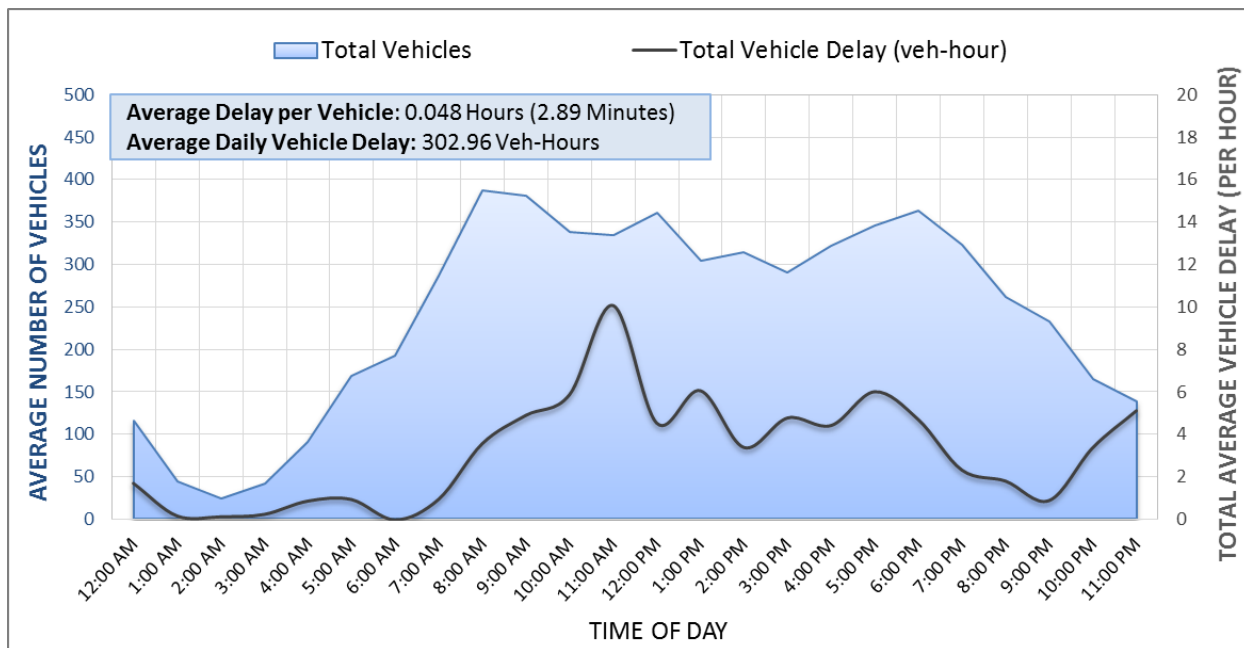


Figure 21. DeConcini Port of Entry, Average Delay of Northbound Vehicles Entering the U.S. (3-1)

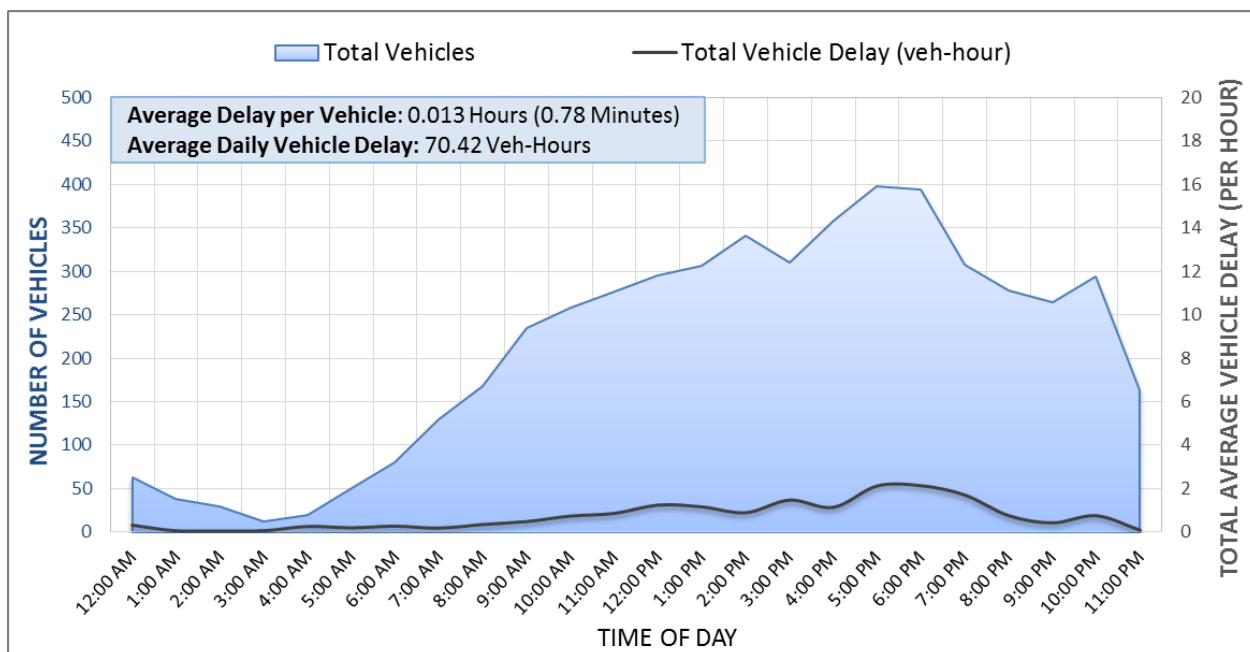


Figure 22. DeConcini Port of Entry, Average Delay of Southbound Vehicles Exiting the U.S. (1-3)

NACO PORT OF ENTRY

The Naco Port of Entry connects Naco, Arizona to Naco, Sonora. The Naco POE operates seven days a week on a 24-hour basis. The primary access roadways to the POE are the Naco Highway in Arizona and the Mexican Federal Highway 2 in Sonora. The Naco study area and device position locations are shown in Figure 23, and descriptions of the device locations and the data collection segments are provided in Table 7.



Figure 23. Naco Port of Entry, Aerial View and Device Position Location

Table 7. Naco Port of Entry, Data Collection Segment Information

ARID Device Data Collection Locations		
Position 1	Located south of Naco Highway, east on the intersection of International Rd./Naco Highway. The device is mounted on a fence post of the CBP Commercial Inspection Facility.	
Position 2	Located on the northeast corner of International Rd./Federal Highway 2. Mounted on a light pole on the border of the CBP Commercial Inspection Facility.	
Segments Evaluated Using ARID Technology		
SB	1 → 2	Naco, Arizona (US) → POE Border
NB	2 → 1	POE Border → Naco, Arizona (US)
Miovision Data Collection Location		
Mounting Location: Position 1		
Segments Evaluated Using ARID Technology		
SB	1 → 2	Naco, Arizona (US) → POE Border
NB	2 → 1	POE Border → Naco, Arizona (US)

Two ARID devices were deployed at the Naco POE. An ARID device and Miovision camera were installed in Arizona (Position 1) and a second ARID device was installed at the border (Position 2). Total traffic volume counts and Wi-Fi matches were collected for the northbound and southbound segments between the border and the Arizona device location. A summary of the collected data is provided in Figure 24.

Naco Port of Entry

Naco, Arizona / Naco, Sonora

ARID Wi-Fi Data Summary

Data Collected from June 19 - 20, 2015

Northbound		POE to US (2-1)	Southbound		US to POE (1-2)
		Travel Time Samples Collected:			Travel Time Samples Collected:
		Total Samples			Total Samples
		Hours Analyzed			Hours Analyzed
		Average Matches Per Hour			Average Matches Per Hour
		372			412
		43			37
		9			11

Miovision Video Data Summary

Data Collected from June 18 - 20, 2015

Note: The difference between ARID and Miovision Start/End dates is due to varied installation time and the omission of invalid data periods.

Northbound		POE to US - At Position 1, Reflecting (2-1)	Southbound		US to POE - At Position 1, Reflecting (1-2)
		Travel Time Samples Collected:			Travel Time Samples Collected:
		Total Samples			Total Samples
		Hours Analyzed			Hours Analyzed
		Average Vehicles Per Hour			Average Vehicles Per Hour
		1061			1868
		48			48
		22			39

Figure 24. Naco Port of Entry, Summary of ARID Wi-Fi and Miovision Data

Data at the Naco POE was collected over a two-day period, which occurred on a Friday and Saturday. Both Miovision video count data and Wi-Fi match data indicate greater volumes on the southbound segment (vehicles exiting Arizona). The amount of Wi-Fi matches made in the northbound and southbound segments are similar, however there is a much greater total volume observed using Miovision cameras in the southbound than the northbound direction. This difference in Wi-Fi detection is shown in the hourly average penetration rate of Figures 25 and 16.

The average daily penetration rates were 53.5% and 27.8% in the northbound and southbound directions, respectively. When comparing the effectiveness of the Wi-Fi devices at the six POEs, the penetration rates of the Lukeville and Naco POEs should be interpreted with caution due to their low volumes.

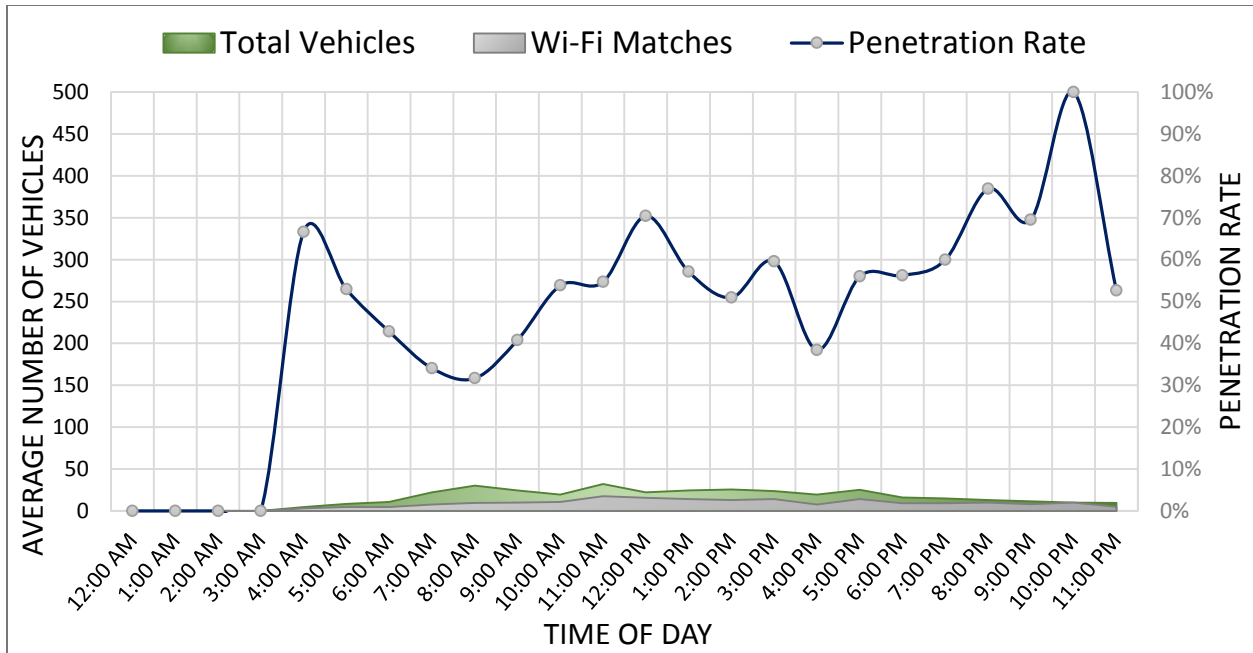


Figure 25. Naco Port of Entry, Quantity of Total Vehicles and ARID Wi-Fi Matches Observed in the Northbound Direction (2-1)

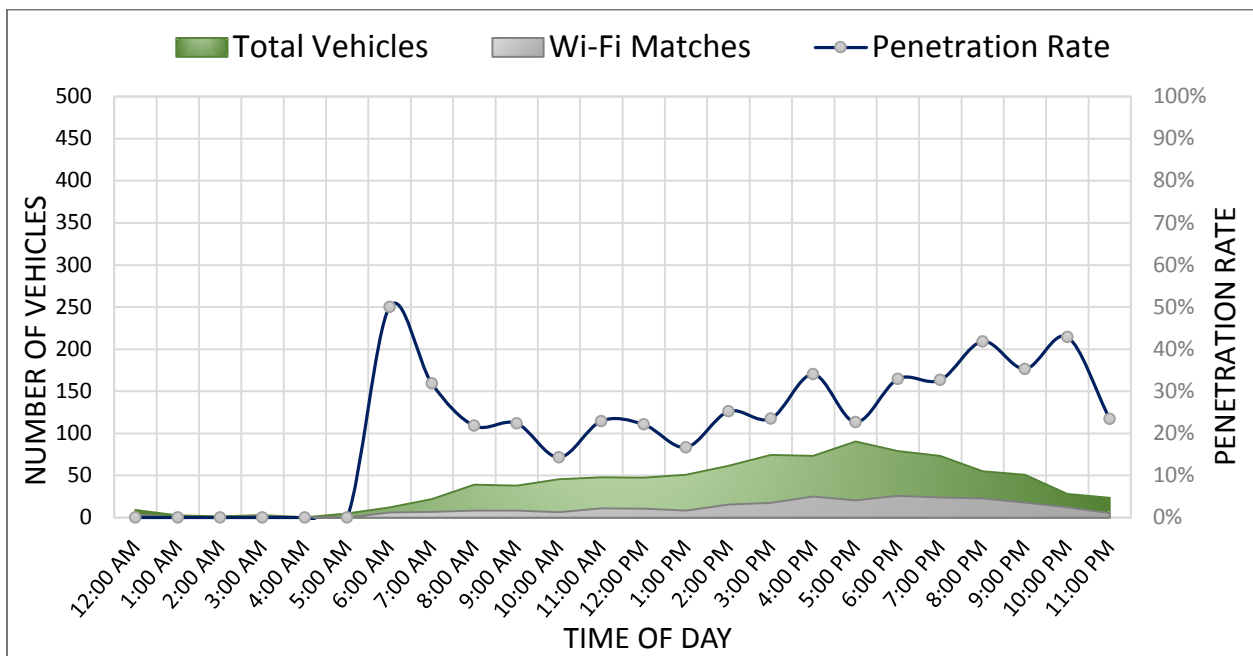


Figure 26. Naco Port of Entry, Quantity of Total Vehicles and ARID Wi-Fi Matches Observed in the Southbound Direction (1-2)

The average delay per vehicle was found to be 0.72 minutes in the northbound direction and 0.28 minutes in the southbound direction. If all personal vehicles are considered, the average daily vehicle delay was approximately 5 and 4 vehicle-hours, respectively.

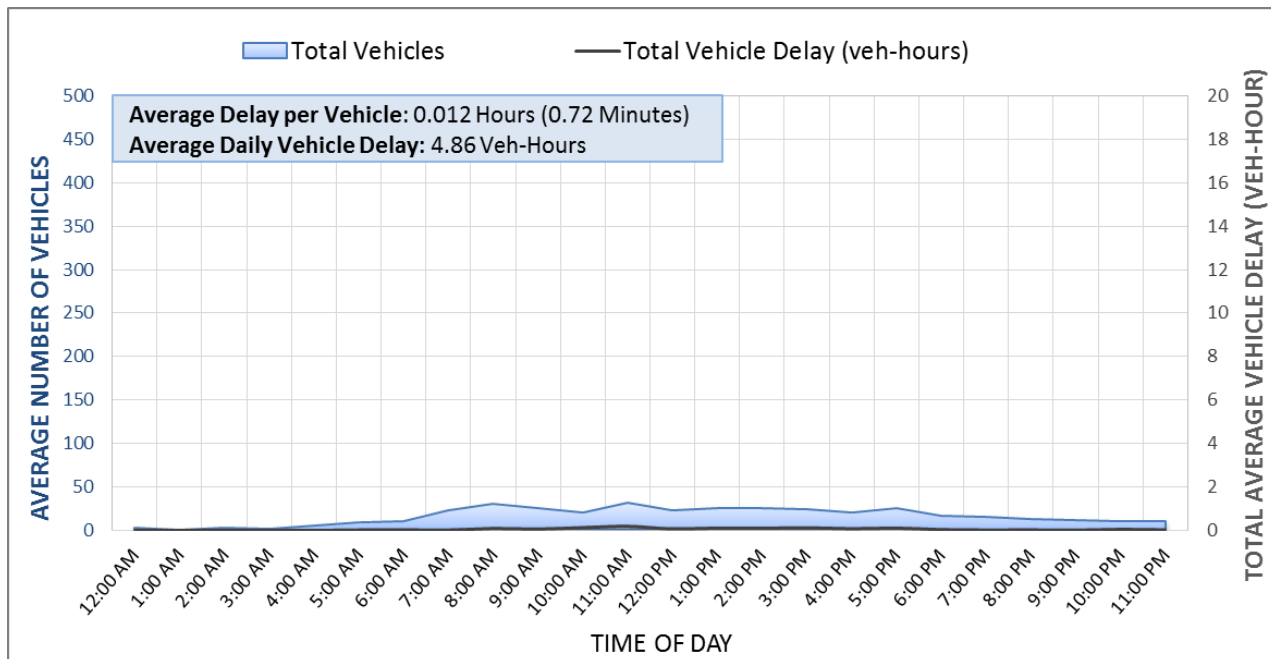


Figure 27. Naco Port of Entry, Average Delay of Northbound Vehicles Entering the U.S. (2-1)

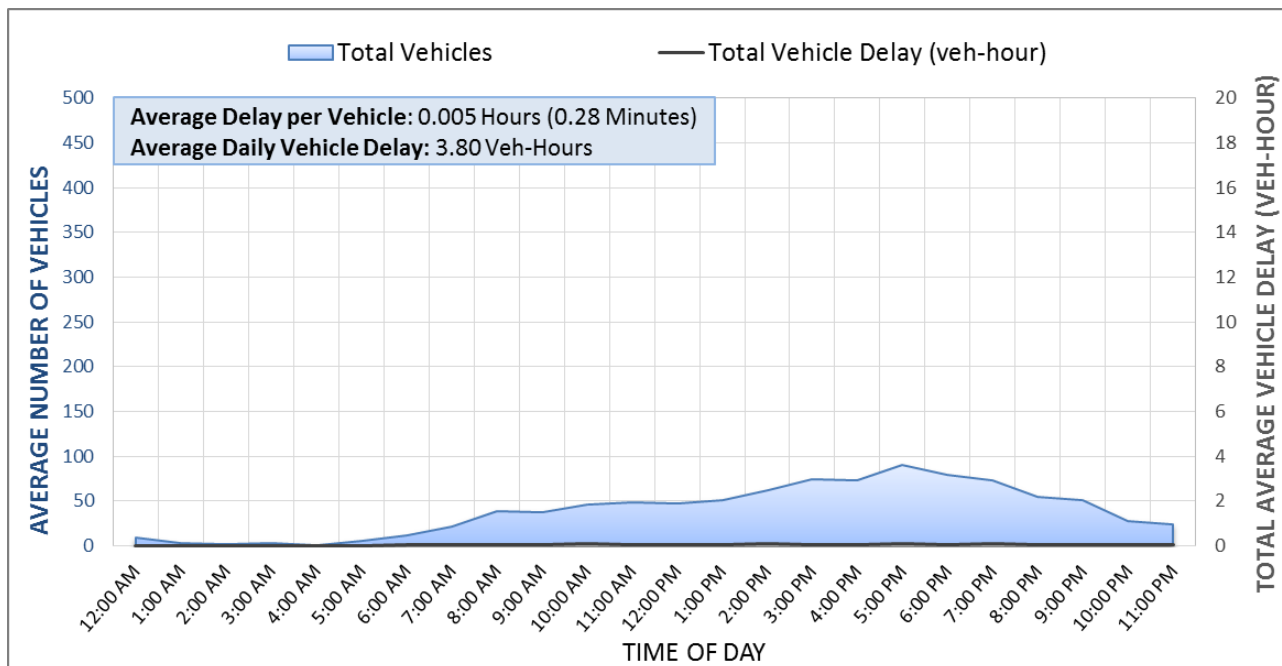


Figure 28. Naco Port of Entry, Average Delay of Southbound Vehicles Exiting the U.S. (1-2)

RAUL HECTOR CASTRO / DOUGLAS PORT OF ENTRY

The Raul Hector Castro Port of Entry connects Douglas, Arizona with Agua Prieta, Sonora. The Raul Hector Castro POE operates on a 24 hour basis, seven days a week. U.S. Route 191 Business (Pan American Avenue) in Arizona and Avenue 6 in Sonora are the primary access roadways to the POE. The POE study area and device position locations are shown in Figure 29, with detailed information of the travel time segments and positioning provided in Table 8.



Figure 29. Raul Hector Castro Port of Entry, Aerial View and Device Position Location

Table 8. Raul Hector Castro Port of Entry, Data Collection Segment Information

ARID Device Data Collection Locations		
Position 1	Intersection of Pan American Avenue (US 191) and 3rd Street. Device mounted to the ADOT tubular sign structure on Pan American Avenue.	
Position 2	Device mounted on light pole located in the median immediately south of Customs and Border Protection and in between the Douglas POE SENTRI lane and southbound traffic.	
Position 3	Device located in a parked vehicle along Calle Internacional.	
Segments Evaluated Using ARID Technology		
SB	1 → 2	Douglas, Arizona → POE Border
NB	2 → 1	POE Border → Douglas, Arizona
SB	2 → 3	POE Border → Agua Prieta, Sonora
NB	3 → 2	Agua Prieta, Sonora → POE Border
Miovision Data Collection Location		
Mounting Location: Position 1		
Segments Evaluated Using Miovision Technology		
SB	1 → 2	Douglas, Arizona → POE Border
NB	2 → 1	POE Border → Douglas, Arizona

Three ARID devices were deployed at this POE, one in Arizona (Position 1), one at the border crossing (Position 2), and one in Sonora (Position 3). Four individual segments were observed using Wi-Fi matching: the northbound and southbound segments connecting Arizona to the POE, and the northbound and southbound segments connecting the POE to Sonora. The Miovision video camera, which collected the traffic counts, was positioned on the Arizona side of the border (Position 1). The comparative analysis between the total number of vehicles and the quantity of Wi-Fi matches was conducted on the northbound and southbound segments between the Arizona device location and the border.

A substantial amount of traffic was observed during the 3-4 day data collection period. A summary of the total volume and the Wi-Fi match data at the Raul Hector Castro POE is shown in Figure 30.

Raul Hector Castro Port of Entry

Douglas, Arizona / Agua Prieta, Sonora

ARID Wi-Fi Data Summary

Data Collected from June 18 - 21, 2015

Northbound	POE to US (2-1)	Southbound	US to POE (1-2)
	Travel Time Samples Collected: Total Samples 2779 Hours Analyzed 59 Average Matches Per Hour 48		Travel Time Samples Collected: Total Samples 3039 Hours Analyzed 59 Average Matches Per Hour 52
Northbound	MX to POE (3-2)	Southbound	POE to MX (2-3)
	Travel Time Samples Collected: Total Samples 2425 Hours Analyzed 49 Average Matches Per Hour 49		Travel Time Samples Collected: Total Samples 195 Hours Analyzed 49 Average Matches Per Hour 4

Miovision Video Data Summary

Data Collected from June 18 - 21, 2015

Northbound	POE to US - At Position 1, Reflecting (2-1)	Southbound	US to POE - At Position 1, Reflecting (1-2)
	Travel Time Samples Collected: Total Samples 11473 Hours Analyzed 60 Average Vehicles Per Hour 192		Travel Time Samples Collected: Total Samples 10344 Hours Analyzed 60 Average Vehicles Per Hour 173

Figure 30. Raul Hector Castro Port of Entry, Summary of ARID Wi-Fi and Miovision Data

The low amount of ARID Wi-Fi matches on the southbound segment from the border to the Agua Prieta, Sonora device location (2-3) is low due to the one-way, northbound-only directional flow on Calle Internacional. The 195 matches are assumed to be due to vehicles travelling parallel to Calle Internacional on the street below, Calle 1. These vehicle matches, although not directly on Calle Internacional, are considered to be valid in terms of travel time.

Figures 31 and 32 show the total personal vehicles observed at the Raul Hector Castro POE in relation to the quantity of Wi-Fi matches.

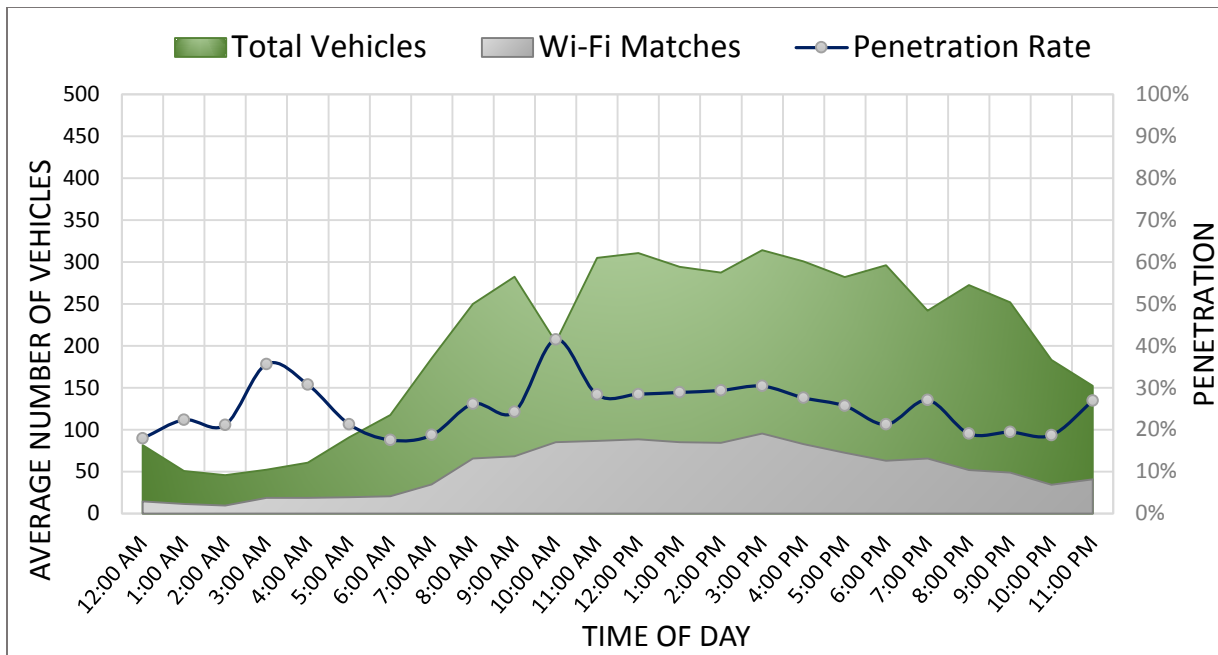


Figure 31. Raul Hector Castro Port of Entry, Quantity of Total Vehicles and ARID Wi-Fi Matches Observed in the Northbound Direction (2-1)

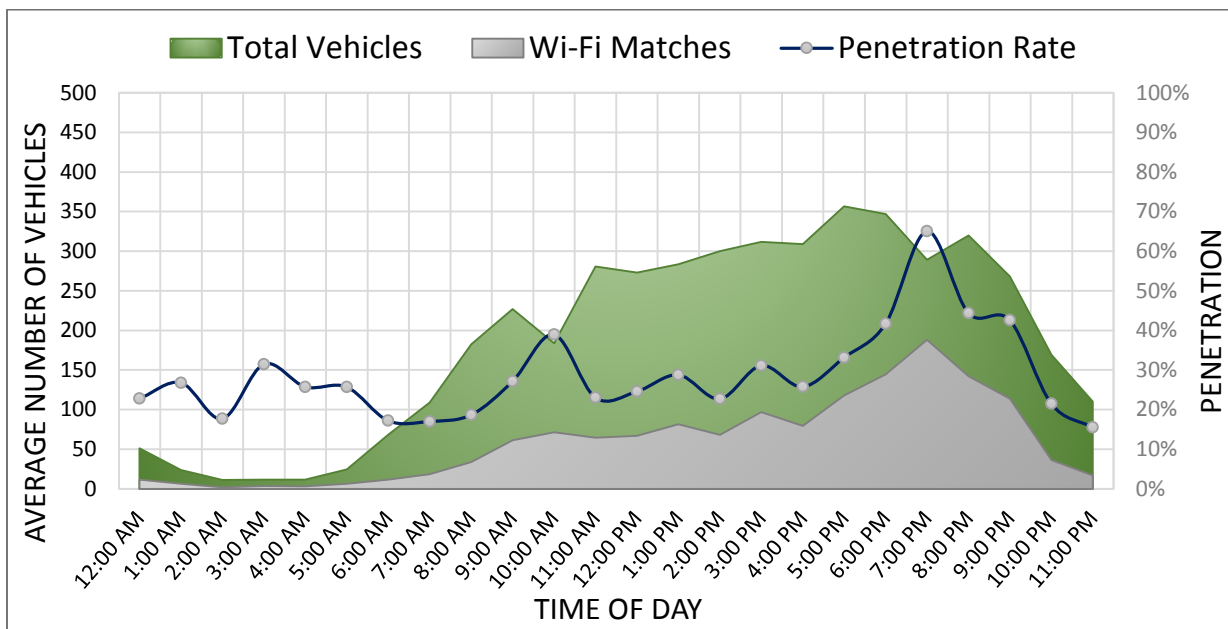


Figure 32. Raul Hector Castro Port of Entry, Quantity of Total Vehicles and ARID Wi-Fi Matches Observed in the Southbound Direction (1-2)

As shown in Figures 33 and 34, the quantity of hourly Wi-Fi matches follow the moving average of the total vehicle volume, which indicates that the equipment operated successfully and consistent vehicle samples were evaluated in the analysis (same location, days, time periods,

etc.) The average daily penetration rate was determined to be 25.8% in the northbound direction and 32.0% in the southbound direction.

The average delay per vehicle was determined to be 6.25 minutes in the northbound direction, and 1.75 minutes in the southbound direction. Incorporating the average number of vehicles per day, it was determined that the collective average vehicle delay was approximately 700 vehicle-hours per day in the northbound direction, and 200 vehicle-hours per day in the southbound direction.

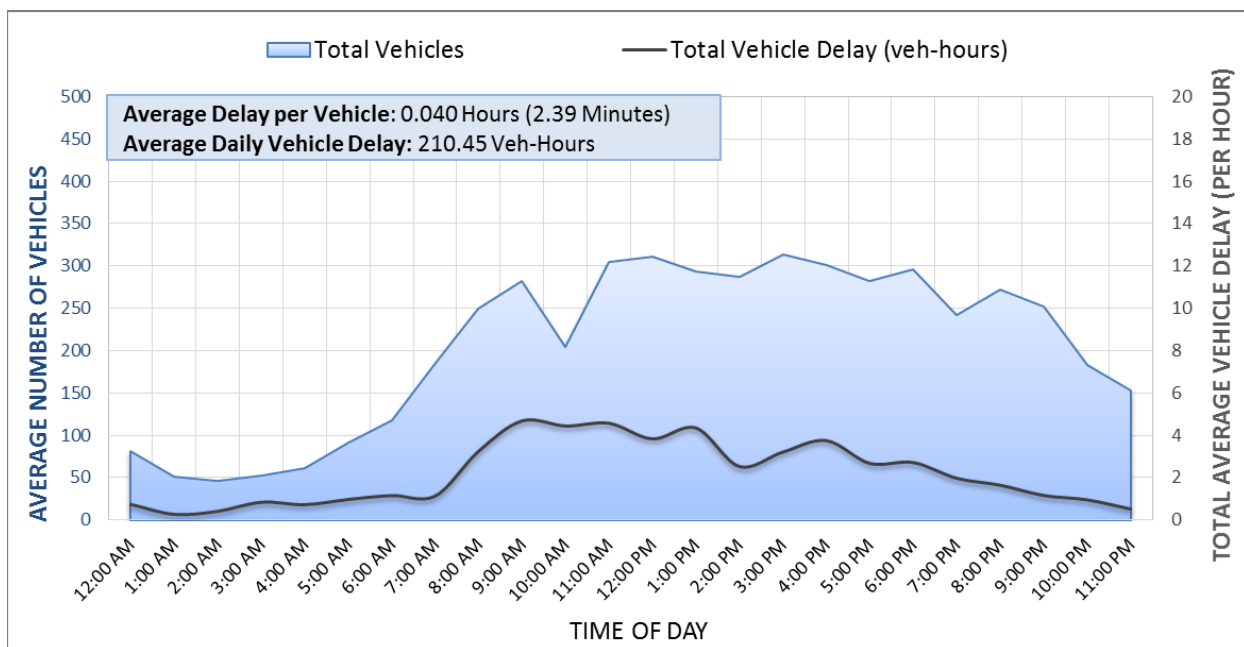


Figure 33. Raul Hector Castro Port of Entry, Average Delay of Northbound Vehicles Entering the U.S. (2-1)

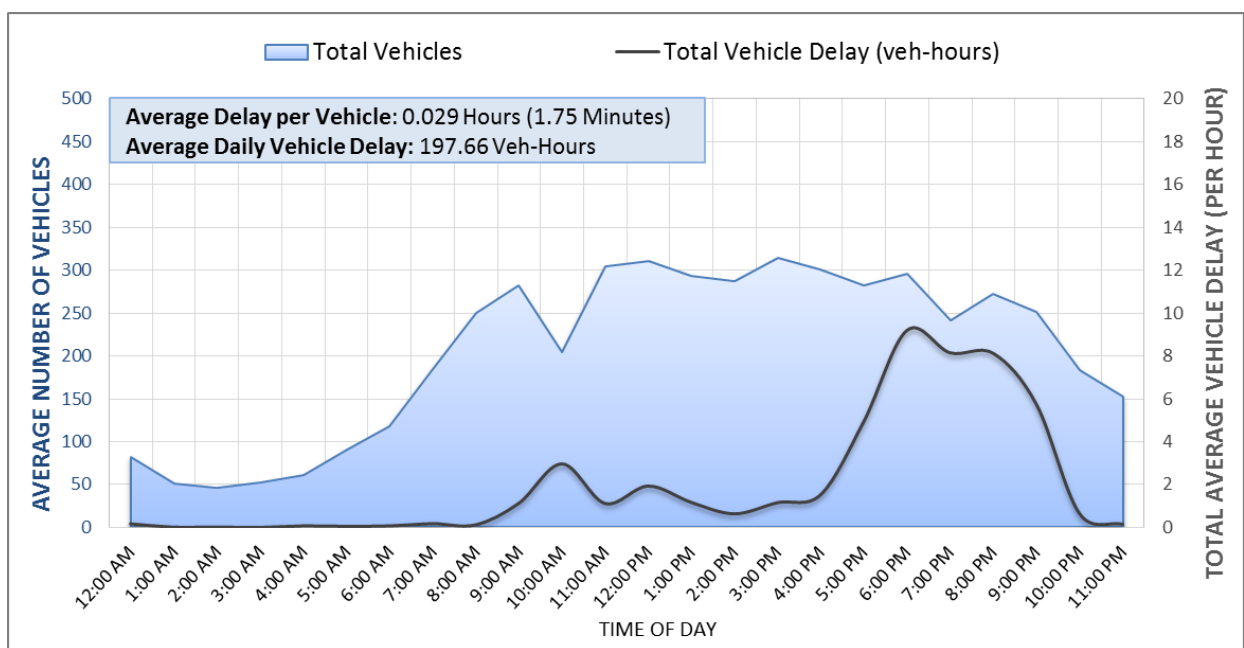


Figure 34. Raul Hector Castro Port of Entry, Average Delay of Southbound Vehicles Exiting the U.S. (1-2)

AVERAGE DAILY VEHICLE DELAY

The average daily vehicle delay (ADVD) is a measure that considers wait time, delay, and total quantity of vehicles. The ADVD is the sum of delay experienced by the average number of personal vehicles observed at each Port of Entry as part of this study.

The results of the ADVD analysis is consistent with average delay per vehicle trends. In all cases, the delay experienced by vehicles waiting to enter the U.S. is greater than those exiting the U.S. Naco and Lukeville POEs have the lowest volumes of the Ports of Entry, and they also have the lowest average delay per vehicle.

Table 9. Port of Entry Vehicle Delay Summary

	Port of Entry	Average Vehicle Waiting Time (seconds)	Segment Length (mi)	Average Speed (mph)	Average Delay Per Vehicle (Minutes)	Average Delay Per Vehicle (Hours)	Average Daily Vehicle Delay (Veh-Hours)
San Luis	Exiting U.S.	174	0.25	5.0	0.77	0.013	128.6
DeConcini	Entering U.S.	340	0.18	2.0	2.89	0.048	303.0
	Exiting U.S.	168	0.18	4.0	0.78	0.013	70.4
Mariposa	Entering U.S.	610	0.33	2.0	5.46	0.091	238.2
	Exiting U.S.	114	0.35	11.0	0.96	0.016	42.0
Raul Hector Castro	Entering U.S.	229	0.20	3.0	2.39	0.040	209.1
	Exiting U.S.	163	0.20	4.0	1.76	0.029	197.7
Lukeville	Exiting U.S.	60	0.14	8.0	0.53	0.009	3.9
Naco	Entering U.S.	82	0.17	7.0	0.72	0.012	4.9
	Exiting U.S.	61	0.17	10.0	0.28	0.005	3.8

Note: Data shown is representative of days sampled as part of this study only

VALIDITY OF ARID WI-FI DEVICES FOR MEASURING TRAVEL TIME AT POES

In order to evaluate the effectiveness and validity of installing permanent ARID Wi-Fi devices, it is important to understand the variability in the collected travel time data of each port of entry. POEs with adequate capacity and free flow traffic will have less travel time variability than other POEs with constricted traffic and “stop and go” delays. The required sample size is the amount of vehicles needed during a specified period to accurately represent the travel time of passenger vehicles. Table 10 lists each POE with its corresponding sample size requirements. POEs with a higher vehicle sample size requirement indicate that there is a greater amount of variability in the travel time, and a larger set of data is required to increase the confidence of the estimated travel time.

The three hour time period used in the sample size requirement analysis was determined based on the average peak period of the ports of entry. Naco POE Southbound and San Luis POE Northbound were adjusted to fit a more accurate representation of their peak periods.

The statistical analysis to measure the validity and required vehicle sample size was conducted using the following concept, and calculated using Statistica software:

$$\text{Sample Size} = \left(\frac{\text{Standard Deviation}}{\text{Standard Error}} \right)^2$$

Table 10. Port of Entry Vehicle Sample Size Requirements

Port-of-Entry	Travel Direction	Time of Day Data Used	Sample Size Required		Observed Vehicles (Wi-Fi)		Observation Vehicles Sufficient?
			3-Hr Period	1-Hr Period	3-Hr Period	1-Hr Period	
Raul Hector Castro	NB	12 pm - 3 pm	127	43	325	134	YES
	SB	12 pm - 3 pm	4	2	217	82	YES
Mariposa	NB	12 pm - 3 pm	88	30	28	14	NO
	SB	12 pm - 3 pm	1	1	9	6	YES
Naco	NB	12 pm - 3 pm	8	3	43	18	YES
	SB	4 pm - 7 pm	1	1	71	30	YES
DeConcini	NB	12 pm - 3 pm	140	47	333	130	YES
	SB	12 pm - 3 pm	90	30	239	99	YES
Lukeville	NB	12 pm - 3 pm	42	14	312	127	YES
	SB	12 pm - 3 pm	9	3	75	33	YES
San Luis	NB	6 am - 9 am	117	39	229	85	YES
	SB	12 pm - 3 pm	6	2	448	167	YES

The ARID data at all POEs met the minimum required sample size, with the exception of the Mariposa POE in the northbound direction. This is due to low penetration rates at the Mariposa POE, which may have been related to deployment location or technology interference.

If the minimum sample size is not met, the data from that time period is not suitable for accurately representing the travel time. This data should be excluded from calculation to ensure the results are not skewed.

After permanent implementation of the ARID devices, continual calculation of the minimum sample size required is not necessary. The purpose of the sample size analysis was to provide an additional measure of confidence for this study to demonstrate that ARID technology can collect accurate data.

PERMANENT INSTALLATION OF ARID DEVICES FOR MEASURING TRAVEL TIME AT POEs

The prioritization of ARID devices at the Ports of Entry is based on the volume of personal vehicles, the success of the ARID data collection, the average delay, and possible implementation constraints. The quantity of personal vehicles at each Port of Entry is described in Table 1, also in combination with vehicle delay in the average annual vehicle delay. The success of the ARID data collection is reflected in the penetration rate, or the percentage of total vehicles that are identified using Wi-Fi matching. A summary of the penetration rate results are provided in Table 11. The penetration results should be interpreted with caution, and the sample size should be considered. The unusually large penetration rates at the Lukeville and Naco Ports of Entry are due to the low volumes at these locations. The lower the sample size is, the greater the risk of inaccurate results. Bias can be created at low sample sizes with multiple devices and signals from a signal vehicle, or if there is a large volume of truck traffic. Both of these scenarios will create a large quantity of Wi-Fi matches in comparison to the actual volume of personal vehicles.

Table 11: ARID Wi-Fi Penetration Rate Summary

	Port of Entry	Penetration Rate
San Luis	Exiting U.S.	21.0%
DeConcini	Entering U.S.	30.6%
	Exiting U.S.	24.5%
Mariposa	Entering U.S.	5.7%
	Exiting U.S.	2.4%
Raul Hector Castro	Entering U.S.	25.8%
	Exiting U.S.	32.0%
Lukeville*	Exiting U.S.	64.5%
Naco*	Entering U.S.	53.5%
	Exiting U.S.	27.8%

Excluding the Lukeville and Naco POEs, the penetration rate analysis showed the greatest success (in descending order) at the Raul Hector Castro, DeConcini, San Luis, and Mariposa Ports of Entry.

The other factor is the amount of delay experienced at each POE, which involves the average annual vehicle delay. In terms of the most significant vehicle delay, the POEs are ranked as follows: Raul Hector Castro, DeConcini, San Luis, Mariposa, Lukeville, and Naco.

The delay analysis and the ARID success evaluation both conclude similar results in terms of prioritization. The list of recommended ARID device implementation locations is shown in Table 12.

Table 12: Prioritization of Future ARID Device Installation

Rank	Port of Entry	Disposition
1	DeConcini / Mariposa	Recommended for simultaneous ARID implementation, with further evaluation of sensor location at the Mariposa POE due to low penetration rates observed for this study
2	Raul Hector Castro	Recommended for ARID implementation
3	San Luis	Recommended for ARID implementation
4	Lukeville	Not recommended due to low volumes, unless peak periods are a concern
5	Naco	Not recommended due to low volumes, unless peak periods are a concern

There are additional factors that should be considered before ARID device installation. The success of the ARID technology to determine wait times of personal vehicles at POEs depends on the type of vehicles crossing through the port of entry, the amount of probe vehicles (sample size), the proximity of the ARID device to vehicle flow, and any possible interference of nearby devices. Permanent ARID implementation at each Port of Entry should undergo Project Scoping to define the design concept, schedule, and cost of the project. ARID devices can be installed inside existing ADOT traffic signal or ITS cabinets with existing power and communications for approximately \$2,500. This type of infrastructure does not exist at every Port of Entry and does not exist in Mexico. The planning level design and construction cost for a single, stand-alone permanent ARID device is approximately \$28,000 as detailed in Table 13.

Table 13: Estimated Cost of Future ARID Device Installation

Item No.	Description	Unit	Est. Qty	Unit Price	Extended Price
7340103	CONTROL CABINET	EACH	1	\$4,000.00	\$4,000
7340304	CONTROL CABINET FOUNDATION (CABINET & TRANSFORMER)	EACH	1	\$1,000.00	\$1,000
7370480	PROVIDE ELECTRICAL SERVICE (<i>cost varies greatly</i>)	EACH	1	\$8,000.00	\$8,000
9240120	MISCELLANEOUS WORK (ETHERNET SWITCH)	EACH	1	\$800.00	\$800
9240133	MISCELLANEOUS WORK (Wireless Radio Assembly)	EACH	1	\$2,500.00	\$2,500
9240121	MISCELLANEOUS WORK (ARID Sensor)	EACH	1	\$2,500.00	\$2,500
<u>SUBTOTAL</u>					\$18,800
<u>TOTAL</u> <i>Including Design, traffic control, System integration, Contingency, Communications and other Miscellaneous (1.5*Subtotal)</i>					\$28,200

PRINCIPAL FINDINGS

This study evaluated the capabilities and limitations of using ARID technology to measure wait times of U.S. and Mexico bound personal vehicles. The analysis concluded the following:

- The ARID technology was successful in identifying unique vehicle matches between two locations across the border, which allowed for crossing time data collection and wait time, delay, and average speed analysis.
- The pilot study of ARID travel time data collection using Wi-Fi technology resulted in higher penetration rates for this Port of Entry study application than using Bluetooth technology.
- ARID travel time data collection using Wi-Fi technology resulted in higher penetration rates for this Port of Entry study application than other Arizona deployments on freeways and urban arterial roadways within the past year.
- Of the four POEs with data both entering and exiting the U.S., three had higher ARID penetration rates of passenger vehicles entering the U.S.
- ARID (Wi-Fi) technology collects enough valid data to estimate border crossing times with 95% confidence, with the exception of the Mariposa POE in the northbound direction. This is due to low penetration rates at the Mariposa POE, which may have been related to deployment location or technology interference.
- The highest average individual vehicle delay entering the U.S. was observed at the Mariposa POE (5.46 minutes).
- The DeConcini POE has the greatest estimated average daily vehicle delay (303 vehicle-hours).

RECOMMENDATIONS

The implementation of permanent ARID devices at the Arizona-Mexico border are recommended in the following order, based on the amount of delay experienced at each location, the total personal vehicle volume, and the success of the ARID Wi-Fi deployments:

1. DeConcini/Mariposa
2. Raul Hector Castro
3. San Luis
4. Lukeville
5. Naco

The implementation of the ARID devices, specifically at the DeConcini, Mariposa, Raul Hector Castro, and San Luis Ports of Entry are expected to have the greatest impact and allow for the greatest vehicle flow and corresponding delay to be monitored and reported. Although the implementation at the Lukeville and Naco POEs would also yield beneficial wait time information and analysis, the significantly lower vehicle volumes lessens their priority. The DeConcini and Mariposa POEs are recommended to be implemented together with highest priority due to the observed vehicle delay, annual volumes, and close proximity in location allowing them to serve as alternate routes to each other. The DeConcini and Mariposa Ports of Entry are located approximately 1.4 miles (2.25 km) apart in Nogales, Arizona/Sonora, and have a combined annual vehicle volume of 3,286,532.

Permanent ARID implementation at each Port of Entry should undergo Project Scoping to define the design concept, schedule, and cost of the project. The planning level design and construction cost for a single, stand-alone permanent ARID device is approximately \$28,000. This cost is highly dependent on the cost to provide electrical service to the site. Deployment at sites with existing power and communications infrastructure will significantly reduce implementation costs.

APPENDIX A

ARID WI-FI MATCH DATA

ARID TRAVEL TIME SUMMARY



San Luis Port of Entry

Thursday, July 02, 2015

San Luis, Arizona / San Luis Rio Colorado, Sonora

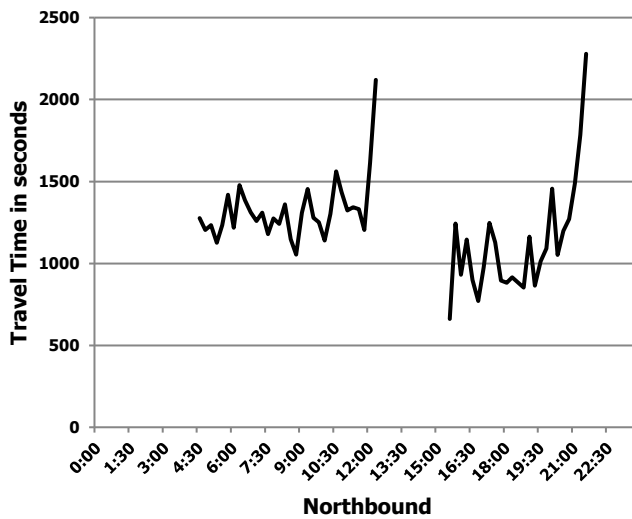
Segment Length: 0.32 miles

MX to US (3-1)

Northbound

Travel Time Samples Collected:

Entire Day	1009
Hours Analyzed	17.5
Average Matches Per Hour	58



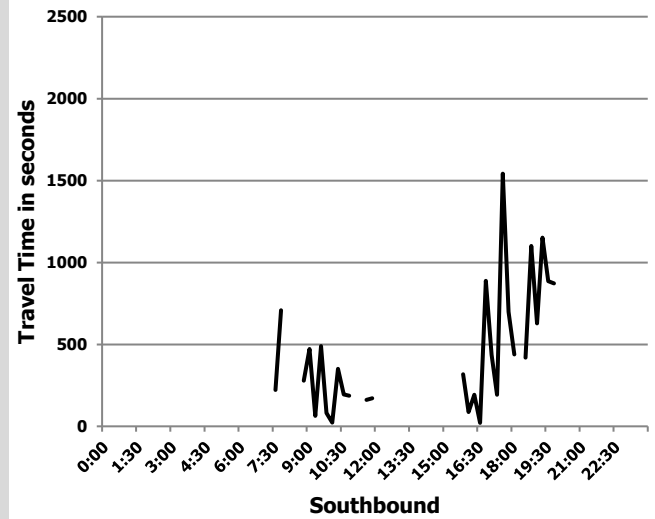
Average Travel Time (sec) 1236.2

US to MX (1-3)

Southbound

Travel Time Samples Collected:

Entire Day	73
Hours Analyzed	9.5
Average Matches Per Hour	8



Average Travel Time (sec) 445.1

ARID TRAVEL TIME DATA

San Luis Port of Entry, Northbound, MX to US (3-1)

Thursday, July 02, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45	1205	1	18
				12:00	1615	1	11
				12:15	2120	1	1
0:00				12:30			
0:15				12:45			
0:30				13:00			
0:45				13:15			
1:00				13:30			
1:15				13:45			
1:30				14:00			
1:45				14:15			
2:00				14:30			
2:15				14:45			
2:30				15:00			
2:45				15:15			
3:00				15:30	661	2	11
3:15				15:45	1243	1	32
3:30				16:00	930	1	20
3:45				16:15	1145	1	29
4:00				16:30	900	1	32
4:15				16:45	770	1	23
4:30	1277	1	23	17:00	975	1	21
4:45	1205	1	8	17:15	1248	1	11
5:00	1233	1	5	17:30	1128	1	18
5:15	1127	1	9	17:45	895	1	20
5:30	1234	1	17	18:00	881	1	19
5:45	1419	1	27	18:15	915	1	19
6:00	1217	1	10	18:30	883	1	18
6:15	1478	1	22	18:45	852	1	29
6:30	1386	1	17	19:00	1163	1	15
6:45	1312	1	27	19:15	864	1	15
7:00	1258	1	22	19:30	1013	1	26
7:15	1310	1	21	19:45	1090	1	8
7:30	1179	1	18	20:00	1457	1	23
7:45	1275	1	10	20:15	1051	1	24
8:00	1241	1	17	20:30	1198	1	13
8:15	1360	1	22	20:45	1271	1	17
8:30	1147	1	24	21:00	1487	1	14
8:45	1053	1	18	21:15	1784	1	10
9:00	1310	1	14	21:30	2279	1	1
9:15	1454	1	12	21:45			
9:30	1279	1	25	22:00			
9:45	1251	1	26	22:15			
10:00	1139	1	19	22:30			
10:15	1301	1	8	22:45			
10:30	1561	1	18	23:00			
10:45	1435	1	13	23:15			
11:00	1323	1	10	23:30			
11:15	1342	1	24	23:45			
11:30	1332	1	25				

ARID TRAVEL TIME DATA

San Luis Port of Entry, Southbound, MX to US (1-3)

Thursday, July 02, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45	172	5	2
				12:00			
				12:15			
0:00				12:30			
0:15				12:45			
0:30				13:00			
0:45				13:15			
1:00				13:30			
1:15				13:45			
1:30				14:00			
1:45				14:15			
2:00				14:30			
2:15				14:45			
2:30				15:00			
2:45				15:15			
3:00				15:30			
3:15				15:45	317	3	5
3:30				16:00	88	10	1
3:45				16:15	193	5	3
4:00				16:30	21	43	1
4:15				16:45	888	1	1
4:30				17:00	436	2	4
4:45				17:15	192	5	3
5:00				17:30	1542	1	2
5:15				17:45	698	1	2
5:30				18:00	439	2	3
5:45				18:15			
6:00				18:30	419	2	1
6:15				18:45	1101	1	2
6:30				19:00	628	1	3
6:45				19:15	1151	1	3
7:00				19:30	887	1	3
7:15				19:45	872	1	4
7:30	223	4	1	20:00			
7:45	708	1	5	20:15	688	1	3
8:00				20:30			
8:15	231	4	1	20:45			
8:30				21:00	51	18	1
8:45	278	3	5	21:15			
9:00	472	2	2	21:30			
9:15	63	14	2	21:45			
9:30	489	2	1	22:00			
9:45	81	11	1	22:15			
10:00	22	41	1	22:30			
10:15	351	3	2	22:45			
10:30	195	5	1	23:00			
10:45	186	5	2	23:15			
11:00				23:30			
11:15				23:45			
11:30	162	6	2				

ARID TRAVEL TIME SUMMARY



San Luis Port of Entry

Friday, July 03, 2015

San Luis, Arizona / San Luis Rio Colorado, Sonora

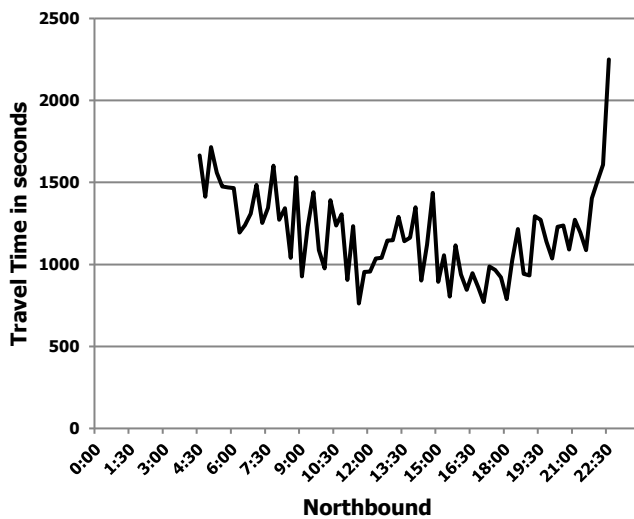
Segment Length: 0.32 miles

MX to US (3-1)

Northbound

Travel Time Samples Collected:

Entire Day	1411
Hours Analyzed	18
Average Matches Per Hour	78



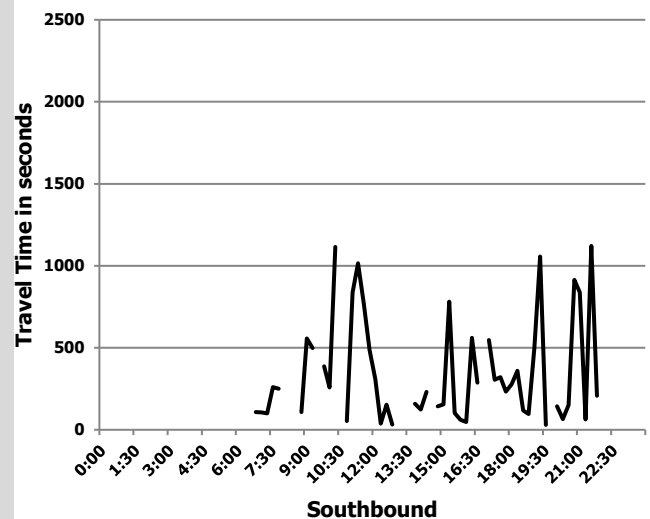
Average Travel Time (sec) 1194.4

US to MX (1-3)

Southbound

Travel Time Samples Collected:

Entire Day	119
Hours Analyzed	16
Average Matches Per Hour	7



Average Travel Time (sec) 348.3

ARID TRAVEL TIME DATA

San Luis Port of Entry, Northbound, MX to US (3-1)

Friday, July 03, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45	954	1	14
				12:00	957	1	30
				12:15	1037	1	20
0:00				12:30	1040	1	15
0:15				12:45	1146	1	15
0:30				13:00	1147	1	24
0:45				13:15	1291	1	11
1:00				13:30	1141	1	28
1:15				13:45	1164	1	23
1:30				14:00	1349	1	18
1:45				14:15	901	1	15
2:00				14:30	1120	1	12
2:15				14:45	1437	1	26
2:30				15:00	893	1	36
2:45				15:15	1056	1	30
3:00				15:30	805	1	28
3:15				15:45	1116	1	26
3:30				16:00	939	1	16
3:45				16:15	845	1	27
4:00				16:30	947	1	43
4:15				16:45	860	1	20
4:30	1664	1	4	17:00	772	1	24
4:45	1413	1	6	17:15	988	1	21
5:00	1716	1	10	17:30	967	1	17
5:15	1560	1	15	17:45	921	1	28
5:30	1476	1	7	18:00	788	1	24
5:45	1469	1	12	18:15	1023	1	17
6:00	1466	1	17	18:30	1216	1	20
6:15	1194	1	13	18:45	942	1	19
6:30	1239	1	13	19:00	933	1	32
6:45	1309	1	19	19:15	1294	1	30
7:00	1486	1	12	19:30	1272	1	26
7:15	1253	1	23	19:45	1140	1	28
7:30	1345	1	11	20:00	1036	1	18
7:45	1602	1	6	20:15	1229	1	27
8:00	1272	1	10	20:30	1238	1	28
8:15	1342	1	13	20:45	1092	1	26
8:30	1040	1	17	21:00	1273	1	25
8:45	1532	1	22	21:15	1194	1	23
9:00	927	1	17	21:30	1087	1	31
9:15	1229	1	12	21:45	1403	1	24
9:30	1440	1	22	22:00	1510	1	22
9:45	1087	1	14	22:15	1609	1	11
10:00	975	1	17	22:30	2250	1	2
10:15	1391	1	14	22:45			
10:30	1237	1	16	23:00			
10:45	1305	1	14	23:15			
11:00	905	1	23	23:30			
11:15	1234	1	17	23:45			
11:30	762	2	15				

ARID TRAVEL TIME DATA

San Luis Port of Entry, Southbound, MX to US (1-3)

Friday, July 03, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45	486	2	2
				12:00	309	3	6
				12:15	38	24	3
0:00				12:30	152	6	3
0:15				12:45	31	29	2
0:30				13:00			
0:45				13:15	84	11	2
1:00				13:30			
1:15				13:45	158	6	3
1:30				14:00	124	7	2
1:45				14:15	230	4	3
2:00				14:30			
2:15				14:45	143	6	1
2:30				15:00	154	6	3
2:45				15:15	781	1	5
3:00				15:30	103	9	2
3:15				15:45	62	15	1
3:30				16:00	47	19	2
3:45				16:15	560	2	4
4:00				16:30	288	3	4
4:15				16:45			
4:30				17:00	547	2	2
4:45				17:15	305	3	4
5:00				17:30	321	3	3
5:15				17:45	232	4	1
5:30				18:00	278	3	1
5:45				18:15	360	2	4
6:00				18:30	117	8	1
6:15				18:45	96	9	1
6:30				19:00	499	2	2
6:45	108	8	1	19:15	1057	1	2
7:00	106	8	1	19:30	30	30	2
7:15	101	9	1	19:45			
7:30	260	3	2	20:00	143	6	2
7:45	250	4	1	20:15	65	14	1
8:00				20:30	150	6	1
8:15	596	2	1	20:45	914	1	5
8:30				21:00	838	1	1
8:45	108	8	1	21:15	64	14	2
9:00	556	2	2	21:30	1121	1	1
9:15	499	2	4	21:45	207	4	2
9:30				22:00			
9:45	387	2	6	22:15			
10:00	259	3	2	22:30			
10:15	1115	1	2	22:45			
10:30				23:00			
10:45	53	17	1	23:15			
11:00	837	1	2	23:30			
11:15	1015	1	2	23:45			
11:30	769	1	4				

ARID TRAVEL TIME SUMMARY



San Luis Port of Entry

Saturday, July 04, 2015

San Luis, Arizona / San Luis Rio Colorado, Sonora

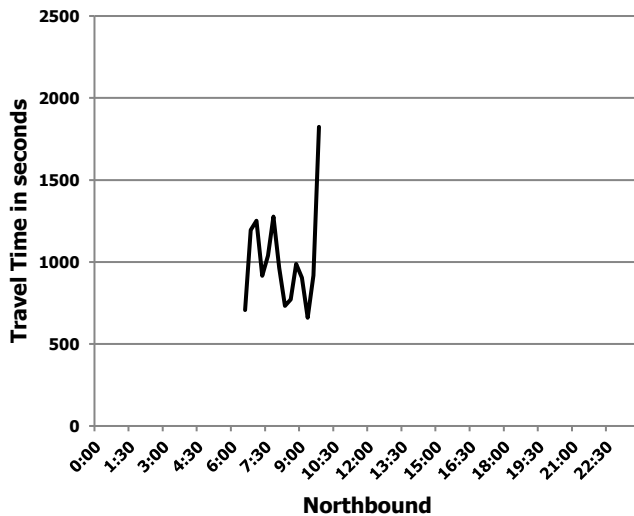
Segment Length: 0.32 miles

MX to US (3-1)

Northbound

Travel Time Samples Collected:

Entire Day	145
Hours Analyzed	3
Average Matches Per Hour	48



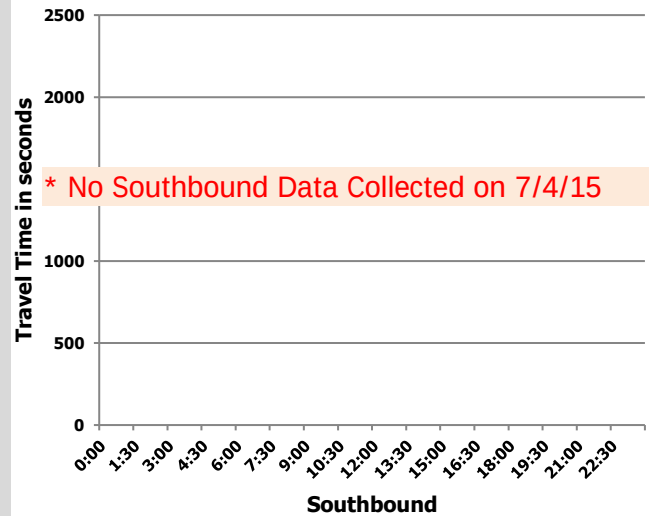
Average Travel Time (sec) 1010.6

US to MX (1-3)

Southbound

Travel Time Samples Collected:

Entire Day	N/A
Hours Analyzed	N/A
Average Matches Per Hour	N/A



Average Travel Time (sec) N/A

ARID TRAVEL TIME DATA

San Luis Port of Entry, Northbound, MX to US (3-1)

Saturday, July 04, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45			
				12:00			
				12:15			
0:00				12:30			
0:15				12:45			
0:30				13:00			
0:45				13:15			
1:00				13:30			
1:15				13:45			
1:30				14:00			
1:45				14:15			
2:00				14:30			
2:15				14:45			
2:30				15:00			
2:45				15:15			
3:00				15:30			
3:15				15:45			
3:30				16:00			
3:45				16:15			
4:00				16:30			
4:15				16:45			
4:30				17:00			
4:45				17:15			
5:00				17:30			
5:15				17:45			
5:30				18:00			
5:45				18:15			
6:00				18:30			
6:15				18:45			
6:30	708	2	10	19:00			
6:45	1194	1	8	19:15			
7:00	1251	1	10	19:30			
7:15	916	1	11	19:45			
7:30	1039	1	10	20:00			
7:45	1276	1	10	20:15			
8:00	965	1	5	20:30			
8:15	732	2	10	20:45			
8:30	771	1	22	21:00			
8:45	989	1	13	21:15			
9:00	905	1	16	21:30			
9:15	660	2	10	21:45			
9:30	918	1	7	22:00			
9:45	1824	1	3	22:15			
10:00				22:30			
10:15				22:45			
10:30				23:00			
10:45				23:15			
11:00				23:30			
11:15				23:45			
11:30							

ARID TRAVEL TIME SUMMARY



San Luis Port of Entry

July 2 - 4, 2015

San Luis, Arizona / San Luis Rio Colorado, Sonora

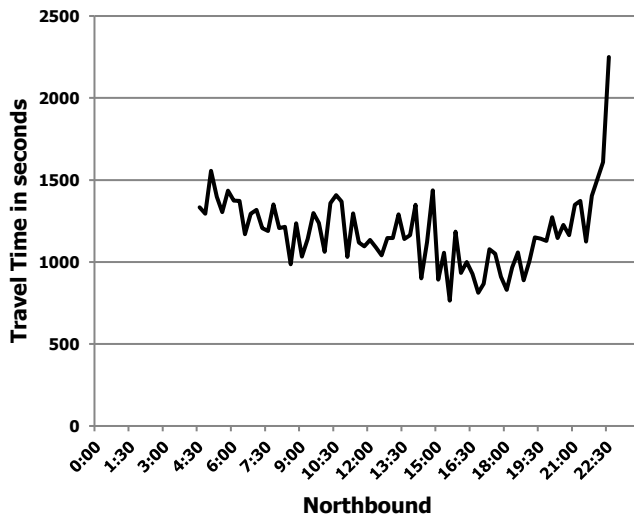
Segment Length: 0.32 miles

MX to US (3-1)

Northbound

Travel Time Samples Collected:

Three Day Period	2565
Hours Analyzed	39
Average Matches Per Hour	67



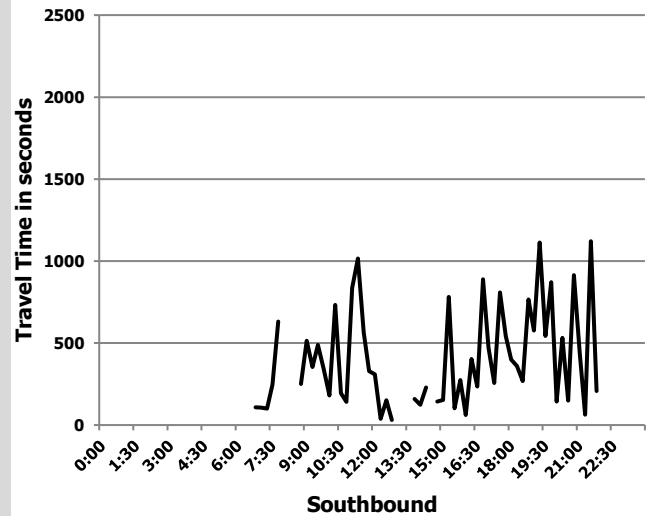
Average Travel Time (sec) 1187.9

US to MX (1-3)

Southbound

Travel Time Samples Collected:

Three Day Period	192
Hours Analyzed	26
Average Matches Per Hour	8



Average Travel Time (sec) 397.8

ARID TRAVEL TIME DATA

San Luis Port of Entry, Northbound, MX to US (3-1)

July 2 - 4, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45	1095	1	32
				12:00	1134	1	41
				12:15	1089	1	21
0:00				12:30	1040	1	15
0:15				12:45	1146	1	15
0:30				13:00	1147	1	24
0:45				13:15	1291	1	11
1:00				13:30	1141	1	28
1:15				13:45	1164	1	23
1:30				14:00	1349	1	18
1:45				14:15	901	1	15
2:00				14:30	1120	1	12
2:15				14:45	1437	1	26
2:30				15:00	893	1	36
2:45				15:15	1056	1	30
3:00				15:30	764	1	39
3:15				15:45	1186	1	58
3:30				16:00	934	1	36
3:45				16:15	1000	1	56
4:00				16:30	927	1	75
4:15				16:45	812	1	43
4:30	1334	1	27	17:00	867	1	45
4:45	1294	1	14	17:15	1077	1	32
5:00	1555	1	15	17:30	1050	1	35
5:15	1398	1	24	17:45	910	1	48
5:30	1305	1	24	18:00	829	1	43
5:45	1434	1	39	18:15	966	1	36
6:00	1374	1	27	18:30	1058	1	38
6:15	1373	1	35	18:45	888	1	48
6:30	1169	1	40	19:00	1006	1	47
6:45	1293	1	54	19:15	1151	1	45
7:00	1319	1	44	19:30	1143	1	52
7:15	1207	1	55	19:45	1129	1	36
7:30	1190	1	39	20:00	1272	1	41
7:45	1351	1	26	20:15	1145	1	51
8:00	1208	1	32	20:30	1225	1	41
8:15	1215	1	45	20:45	1163	1	43
8:30	987	1	63	21:00	1350	1	39
8:45	1236	1	53	21:15	1373	1	33
9:00	1034	1	47	21:30	1124	1	32
9:15	1141	1	34	21:45	1403	1	24
9:30	1298	1	54	22:00	1510	1	22
9:45	1238	1	43	22:15	1609	1	11
10:00	1062	1	36	22:30	2250	1	2
10:15	1358	1	22	22:45			
10:30	1409	1	34	23:00			
10:45	1368	1	27	23:15			
11:00	1032	1	33	23:30			
11:15	1297	1	41	23:45			
11:30	1118	1	40				

ARID TRAVEL TIME DATA

San Luis Port of Entry, Southbound, MX to US (1-3)

July 2 - 4, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45	329	4	4
				12:00	309	3	6
				12:15	38	24	3
0:00				12:30	152	6	3
0:15				12:45	31	29	2
0:30				13:00			
0:45				13:15	84	11	2
1:00				13:30			
1:15				13:45	158	6	3
1:30				14:00	124	7	2
1:45				14:15	230	4	3
2:00				14:30			
2:15				14:45	143	6	1
2:30				15:00	154	6	3
2:45				15:15	781	1	5
3:00				15:30	103	9	2
3:15				15:45	275	5	6
3:30				16:00	61	16	3
3:45				16:15	403	3	7
4:00				16:30	235	11	5
4:15				16:45	888	1	1
4:30				17:00	473	2	6
4:45				17:15	257	4	7
5:00				17:30	809	2	5
5:15				17:45	543	2	3
5:30				18:00	399	2	4
5:45				18:15	360	2	4
6:00				18:30	268	5	2
6:15				18:45	766	4	3
6:30				19:00	576	1	5
6:45	108	8	1	19:15	1113	1	5
7:00	106	8	1	19:30	544	13	5
7:15	101	9	1	19:45	872	1	4
7:30	248	3	3	20:00	143	6	2
7:45	632	2	6	20:15	532	4	4
8:00				20:30	150	6	1
8:15	414	3	2	20:45	914	1	5
8:30				21:00	445	10	2
8:45	250	4	6	21:15	64	14	2
9:00	514	2	4	21:30	1121	1	1
9:15	354	6	6	21:45	207	4	2
9:30	489	2	1	22:00			
9:45	343	3	7	22:15			
10:00	180	16	3	22:30			
10:15	733	2	4	22:45			
10:30	195	5	1	23:00			
10:45	142	9	3	23:15			
11:00	837	1	2	23:30			
11:15	1015	1	2	23:45			
11:30	567	3	6				

ARID TRAVEL TIME SUMMARY



San Luis Port of Entry

Thursday, July 02, 2015

San Luis, Arizona / San Luis Rio Colorado, Sonora

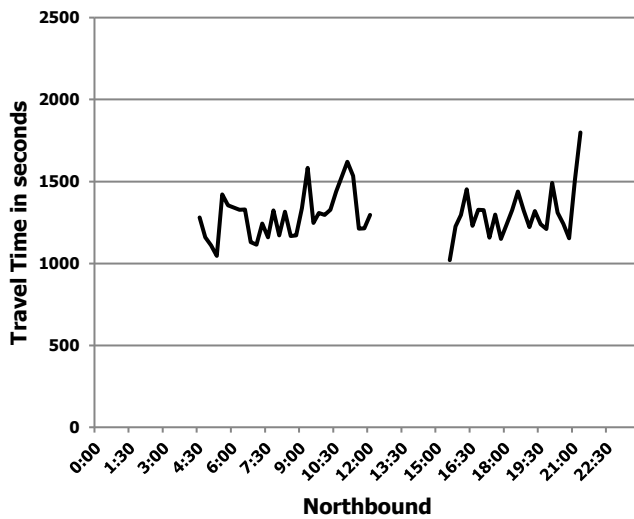
Segment Length: 0.3 miles

MX to US (3-2)

Northbound

Travel Time Samples Collected:

Entire Day	1248
Hours Analyzed	15
Average Matches Per Hour	86



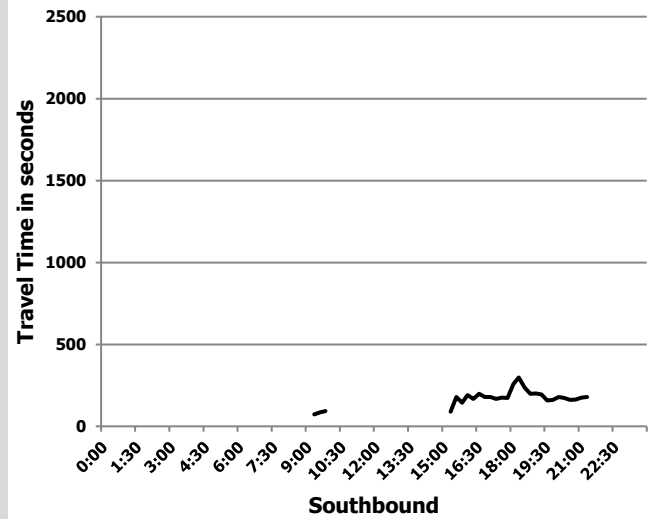
Average Travel Time (sec) 1298.1

US to MX (1-4)

Southbound

Travel Time Samples Collected:

Entire Day	857
Hours Analyzed	8
Average Matches Per Hour	114



Average Travel Time (sec) 168.1

ARID TRAVEL TIME DATA

San Luis Port of Entry, Northbound, MX to US (3-2)

Thursday, July 02, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45	1214	1	30
				12:00	1295	1	6
				12:15			
0:00				12:30			
0:15				12:45			
0:30				13:00			
0:45				13:15			
1:00				13:30			
1:15				13:45			
1:30				14:00			
1:45				14:15			
2:00				14:30			
2:15				14:45			
2:30				15:00			
2:45				15:15			
3:00				15:30	1020	1	5
3:15				15:45	1225	1	31
3:30				16:00	1296	1	28
3:45				16:15	1452	1	34
4:00				16:30	1229	1	25
4:15				16:45	1328	1	27
4:30	1281	1	23	17:00	1326	1	42
4:45	1159	1	9	17:15	1157	1	10
5:00	1110	1	5	17:30	1297	1	20
5:15	1046	1	10	17:45	1150	1	33
5:30	1420	1	11	18:00	1239	1	20
5:45	1355	1	30	18:15	1326	1	18
6:00	1340	1	13	18:30	1439	1	18
6:15	1328	1	28	18:45	1323	1	25
6:30	1329	1	19	19:00	1221	1	31
6:45	1130	1	25	19:15	1319	1	15
7:00	1114	1	26	19:30	1239	1	41
7:15	1244	1	21	19:45	1210	1	19
7:30	1159	1	29	20:00	1491	1	30
7:45	1324	1	14	20:15	1310	1	28
8:00	1170	1	20	20:30	1241	1	28
8:15	1315	1	25	20:45	1154	1	18
8:30	1167	1	34	21:00	1506	1	19
8:45	1170	1	29	21:15	1799	1	11
9:00	1336	1	25	21:30			
9:15	1583	1	16	21:45			
9:30	1248	1	27	22:00			
9:45	1307	1	31	22:15			
10:00	1295	1	28	22:30			
10:15	1328	1	12	22:45			
10:30	1439	1	25	23:00			
10:45	1526	1	8	23:15			
11:00	1621	1	18	23:30			
11:15	1534	1	30	23:45			
11:30	1212	1	45				

ARID TRAVEL TIME DATA

San Luis Port of Entry, Southbound, MX to US (1-4)

Thursday, July 02, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45			
				12:00			
				12:15			
0:00				12:30			
0:15	40	19	1	12:45			
0:30				13:00			
0:45				13:15			
1:00				13:30			
1:15				13:45	167	5	23
1:30				14:00			
1:45				14:15			
2:00				14:30			
2:15				14:45			
2:30				15:00			
2:45				15:15	89	8	1
3:00				15:30	180	4	30
3:15				15:45	143	5	34
3:30				16:00	190	4	43
3:45				16:15	168	4	29
4:00				16:30	198	4	43
4:15				16:45	179	4	33
4:30				17:00	180	4	50
4:45				17:15	168	4	33
5:00				17:30	176	4	31
5:15				17:45	174	4	37
5:30				18:00	257	3	52
5:45				18:15	298	3	44
6:00				18:30	237	3	42
6:15				18:45	198	4	41
6:30				19:00	200	4	52
6:45				19:15	195	4	29
7:00				19:30	157	5	31
7:15				19:45	162	5	26
7:30				20:00	179	4	37
7:45				20:15	174	4	26
8:00				20:30	161	5	22
8:15				20:45	164	5	27
8:30				21:00	176	4	17
8:45				21:15	180	4	14
9:00				21:30			
9:15	73	10	2	21:45			
9:30	86	9	6	22:00			
9:45	94	8	1	22:15			
10:00				22:30			
10:15				22:45			
10:30				23:00			
10:45				23:15			
11:00				23:30			
11:15				23:45			
11:30							

ARID TRAVEL TIME SUMMARY



San Luis Port of Entry

Friday, July 03, 2015

San Luis, Arizona / San Luis Rio Colorado, Sonora

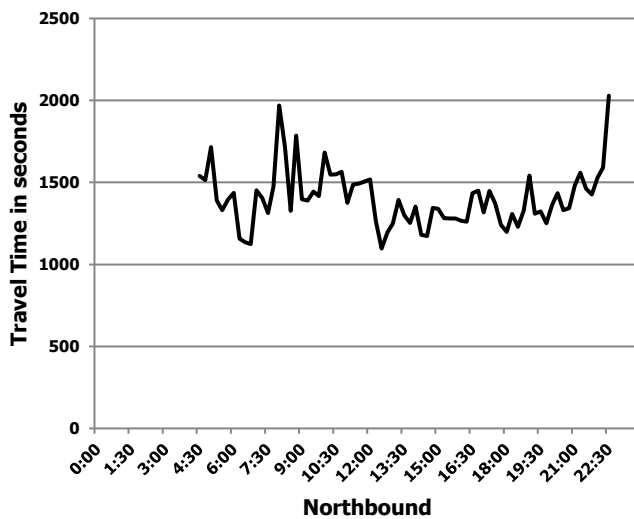
Segment Length: 0.3 miles

MX to US (3-2)

Northbound

Travel Time Samples Collected:

Entire Day	1720
Hours Analyzed	18
Average Matches Per Hour	96



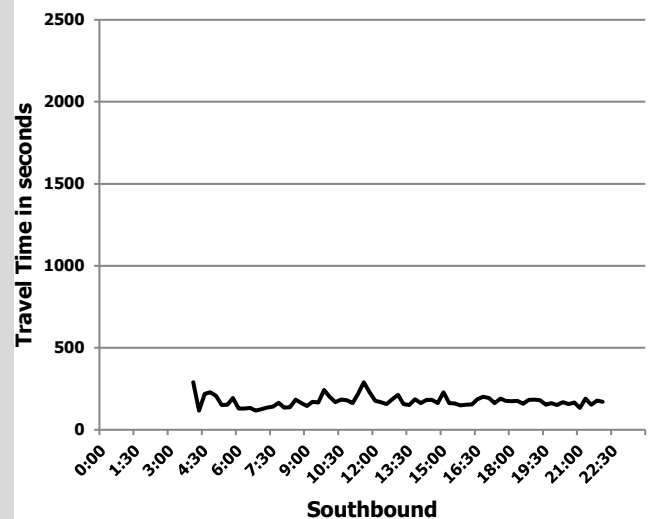
Average Travel Time (sec) 1402.5

US to MX (1-4)

Southbound

Travel Time Samples Collected:

Entire Day	2235
Hours Analyzed	18
Average Matches Per Hour	124



Average Travel Time (sec) 173.3

ARID TRAVEL TIME DATA

San Luis Port of Entry, Northbound, MX to US (3-2)

Friday, July 03, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45	1505	1	22
				12:00	1519	1	32
				12:15	1265	1	35
0:00				12:30	1097	1	31
0:15				12:45	1195	1	25
0:30				13:00	1250	1	36
0:45				13:15	1394	1	16
1:00				13:30	1299	1	36
1:15				13:45	1253	1	19
1:30				14:00	1352	1	36
1:45				14:15	1180	1	23
2:00				14:30	1173	1	19
2:15				14:45	1345	1	28
2:30				15:00	1338	1	32
2:45				15:15	1283	1	25
3:00				15:30	1281	1	23
3:15				15:45	1281	1	31
3:30				16:00	1267	1	13
3:45				16:15	1260	1	25
4:00				16:30	1435	1	28
4:15				16:45	1451	1	26
4:30	1539	1	5	17:00	1318	1	22
4:45	1515	1	8	17:15	1448	1	29
5:00	1715	1	10	17:30	1373	1	18
5:15	1390	1	16	17:45	1242	1	25
5:30	1331	1	6	18:00	1199	1	27
5:45	1396	1	14	18:15	1308	1	29
6:00	1437	1	26	18:30	1229	1	26
6:15	1157	1	18	18:45	1328	1	23
6:30	1135	1	23	19:00	1541	1	32
6:45	1125	1	15	19:15	1309	1	39
7:00	1453	1	14	19:30	1324	1	31
7:15	1406	1	28	19:45	1252	1	29
7:30	1314	1	18	20:00	1365	1	17
7:45	1473	1	8	20:15	1434	1	27
8:00	1969	1	13	20:30	1331	1	28
8:15	1718	1	13	20:45	1342	1	39
8:30	1327	1	21	21:00	1484	1	30
8:45	1786	1	30	21:15	1560	1	41
9:00	1397	1	17	21:30	1462	1	37
9:15	1390	1	15	21:45	1427	1	34
9:30	1445	1	33	22:00	1530	1	27
9:45	1416	1	22	22:15	1590	1	10
10:00	1682	1	22	22:30	2029	1	2
10:15	1548	1	19	22:45			
10:30	1550	1	20	23:00			
10:45	1565	1	22	23:15			
11:00	1375	1	28	23:30			
11:15	1488	1	27	23:45			
11:30	1494	1	26				

ARID TRAVEL TIME DATA

San Luis Port of Entry, Southbound, MX to US (1-4)

Friday, July 03, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45	228	3	39
				12:00	177	4	34
				12:15	168	4	47
0:00				12:30	156	5	27
0:15				12:45	186	4	47
0:30				13:00	214	4	42
0:45				13:15	156	5	26
1:00				13:30	150	5	30
1:15				13:45	186	4	33
1:30				14:00	163	5	41
1:45				14:15	182	4	48
2:00				14:30	182	4	35
2:15				14:45	162	5	43
2:30				15:00	229	3	47
2:45				15:15	162	5	38
3:00				15:30	161	5	47
3:15				15:45	148	5	45
3:30				16:00	152	5	41
3:45				16:15	154	5	33
4:00	290	3	3	16:30	187	4	43
4:15	117	6	1	16:45	201	4	57
4:30	219	3	1	17:00	193	4	55
4:45	229	3	2	17:15	162	5	47
5:00	208	4	3	17:30	189	4	49
5:15	151	5	9	17:45	176	4	52
5:30	152	5	8	18:00	175	4	40
5:45	194	4	8	18:15	177	4	52
6:00	129	6	4	18:30	158	5	33
6:15	130	6	6	18:45	183	4	52
6:30	134	6	6	19:00	184	4	46
6:45	117	6	10	19:15	180	4	43
7:00	126	6	7	19:30	152	5	41
7:15	135	6	10	19:45	163	5	34
7:30	142	5	18	20:00	151	5	33
7:45	165	5	23	20:15	168	4	32
8:00	136	6	13	20:30	156	5	37
8:15	137	6	18	20:45	167	5	34
8:30	184	4	15	21:00	133	6	29
8:45	162	5	30	21:15	189	4	28
9:00	146	5	27	21:30	152	5	24
9:15	171	4	26	21:45	179	4	23
9:30	166	5	36	22:00	171	4	20
9:45	243	3	45	22:15			
10:00	201	4	40	22:30			
10:15	168	4	34	22:45			
10:30	184	4	32	23:00			
10:45	181	4	45	23:15			
11:00	162	5	31	23:30			
11:15	220	3	33	23:45			
11:30	289	3	44				

ARID TRAVEL TIME SUMMARY



San Luis Port of Entry

Saturday, July 04, 2015

San Luis, Arizona / San Luis Rio Colorado, Sonora

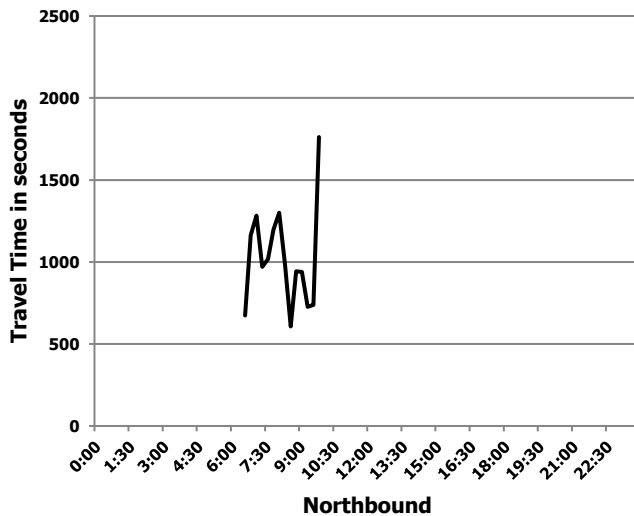
Segment Length: 0.3 miles

MX to US (3-2)

Northbound

Travel Time Samples Collected:

Entire Day	182
Hours Analyzed	3
Average Matches Per Hour	61



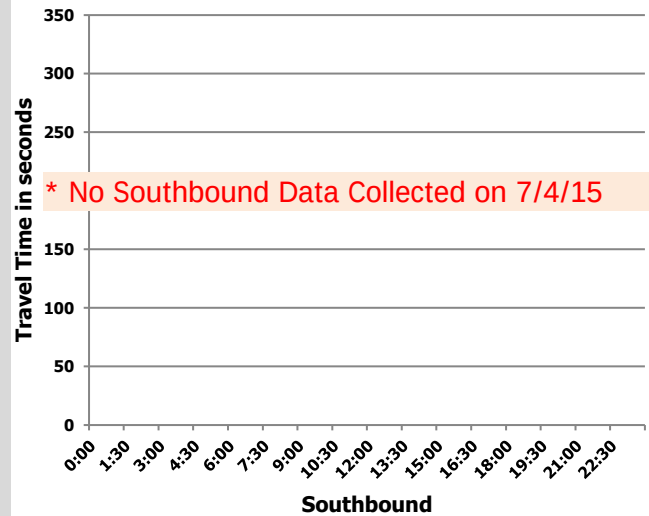
Average Travel Time (sec) 1022.1

US to MX (1-4)

Southbound

Travel Time Samples Collected:

Entire Day	N/A
Hours Analyzed	N/A
Average Matches Per Hour	N/A



Average Travel Time (sec) N/A

ARID TRAVEL TIME DATA

San Luis Port of Entry, Northbound, MX to US (3-2)

Saturday, July 04, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45			
				12:00			
				12:15			
0:00				12:30			
0:15				12:45			
0:30				13:00			
0:45				13:15			
1:00				13:30			
1:15				13:45			
1:30				14:00			
1:45				14:15			
2:00				14:30			
2:15				14:45			
2:30				15:00			
2:45				15:15			
3:00				15:30			
3:15				15:45			
3:30				16:00			
3:45				16:15			
4:00				16:30			
4:15				16:45			
4:30				17:00			
4:45				17:15			
5:00				17:30			
5:15				17:45			
5:30				18:00			
5:45				18:15			
6:00				18:30			
6:15				18:45			
6:30	673	2	10	19:00			
6:45	1164	1	10	19:15			
7:00	1282	1	12	19:30			
7:15	970	1	11	19:45			
7:30	1017	1	12	20:00			
7:45	1197	1	9	20:15			
8:00	1301	1	6	20:30			
8:15	989	1	18	20:45			
8:30	607	2	29	21:00			
8:45	944	1	17	21:15			
9:00	939	1	20	21:30			
9:15	727	2	15	21:45			
9:30	738	2	8	22:00			
9:45	1762	1	5	22:15			
10:00				22:30			
10:15				22:45			
10:30				23:00			
10:45				23:15			
11:00				23:30			
11:15				23:45			
11:30							

ARID TRAVEL TIME SUMMARY



San Luis Port of Entry

July 2 - 4, 2015

San Luis, Arizona / San Luis Rio Colorado, Sonora

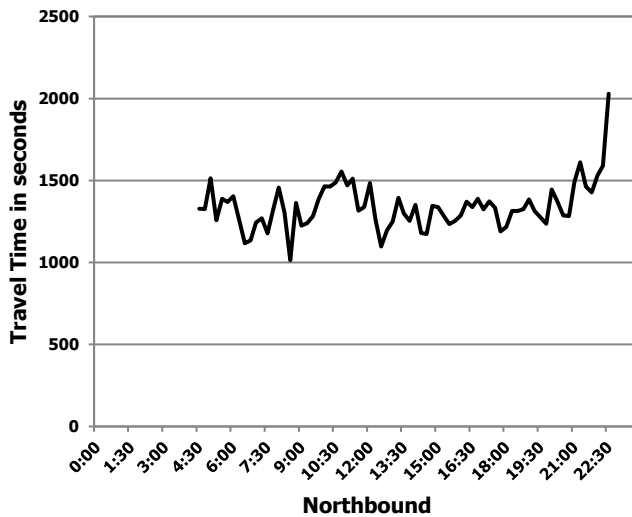
Segment Length: 0.3 miles

POE to US (2-1)

Northbound

Travel Time Samples Collected:

Three Day Period	3150
Hours Analyzed	36
Average Matches Per Hour	89



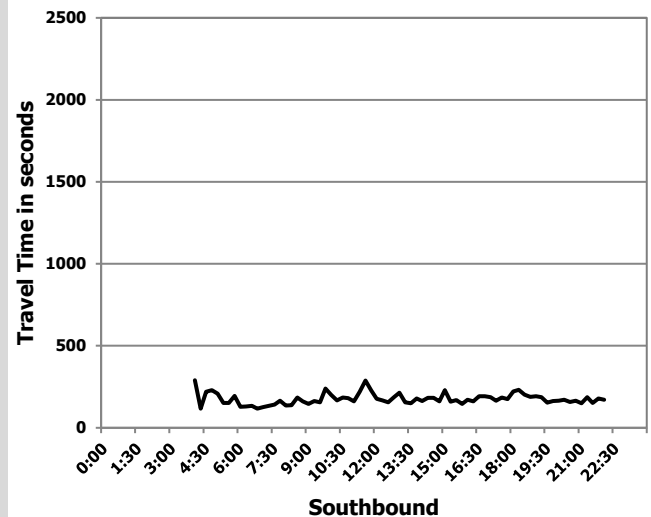
Average Travel Time (sec) 1341.1

US to POE (1-4)

Southbound

Travel Time Samples Collected:

Two Day Period	3092
Hours Analyzed	26
Average Matches Per Hour	121



Average Travel Time (sec) 174.0

ARID TRAVEL TIME DATA

San Luis Port of Entry, Northbound, POE to US (2-1)

July 2 - 4, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Total Sample Size (D)	A	B	C	D
				11:45	1337	1	52
				12:00	1484	1	38
				12:15	1265	1	35
0:00				12:30	1097	1	31
0:15				12:45	1195	1	25
0:30				13:00	1250	1	36
0:45				13:15	1394	1	16
1:00				13:30	1299	1	36
1:15				13:45	1253	1	19
1:30				14:00	1352	1	36
1:45				14:15	1180	1	23
2:00				14:30	1173	1	19
2:15				14:45	1345	1	28
2:30				15:00	1338	1	32
2:45				15:15	1283	1	25
3:00				15:30	1234	1	28
3:15				15:45	1253	1	62
3:30				16:00	1287	1	41
3:45				16:15	1371	1	59
4:00				16:30	1338	1	53
4:15				16:45	1388	1	53
4:30	1327	1	28	17:00	1323	1	64
4:45	1327	1	17	17:15	1373	1	39
5:00	1513	1	15	17:30	1333	1	38
5:15	1258	1	26	17:45	1190	1	58
5:30	1389	1	17	18:00	1216	1	47
5:45	1368	1	44	18:15	1315	1	47
6:00	1405	1	39	18:30	1315	1	44
6:15	1261	1	46	18:45	1325	1	48
6:30	1117	1	52	19:00	1384	1	63
6:45	1135	1	50	19:15	1312	1	54
7:00	1244	1	52	19:30	1276	1	72
7:15	1269	1	60	19:45	1235	1	48
7:30	1177	1	59	20:00	1445	1	47
7:45	1326	1	31	20:15	1371	1	55
8:00	1456	1	39	20:30	1286	1	56
8:15	1304	1	56	20:45	1283	1	57
8:30	1014	1	84	21:00	1493	1	49
8:45	1363	1	76	21:15	1611	1	52
9:00	1225	1	62	21:30	1462	1	37
9:15	1241	1	46	21:45	1427	1	34
9:30	1284	1	68	22:00	1530	1	27
9:45	1388	1	58	22:15	1590	1	10
10:00	1465	1	50	22:30	2029	1	2
10:15	1463	1	31	22:45			
10:30	1488	1	45	23:00			
10:45	1555	1	30	23:15			
11:00	1471	1	46	23:30			
11:15	1512	1	57	23:45			
11:30	1315	1	71				

ARID TRAVEL TIME DATA

San Luis Port of Entry, Southbound, POE to US (1-4)

July 2 - 4, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Total Sample Size (D)	A	B	C	D
				11:45	228	3	39
				12:00	177	4	34
				12:15	168	4	47
0:00				12:30	156	5	27
0:15	40	19	1	12:45	186	4	47
0:30				13:00	214	4	42
0:45				13:15	156	5	26
1:00				13:30	150	5	30
1:15				13:45	178	4	56
1:30				14:00	163	5	41
1:45				14:15	182	4	48
2:00				14:30	182	4	35
2:15				14:45	162	5	43
2:30				15:00	229	3	47
2:45				15:15	160	5	39
3:00				15:30	168	5	77
3:15				15:45	146	5	79
3:30				16:00	171	4	84
3:45				16:15	161	5	62
4:00	290	3	3	16:30	193	4	86
4:15	117	6	1	16:45	193	4	90
4:30	219	3	1	17:00	187	4	105
4:45	229	3	2	17:15	164	5	80
5:00	208	4	3	17:30	184	4	80
5:15	151	5	9	17:45	175	4	89
5:30	152	5	8	18:00	221	3	92
5:45	194	4	8	18:15	232	4	96
6:00	129	6	4	18:30	202	4	75
6:15	130	6	6	18:45	190	4	93
6:30	134	6	6	19:00	192	4	98
6:45	117	6	10	19:15	186	4	72
7:00	126	6	7	19:30	154	5	72
7:15	135	6	10	19:45	163	5	60
7:30	142	5	18	20:00	166	4	70
7:45	165	5	23	20:15	171	4	58
8:00	136	6	13	20:30	158	5	59
8:15	137	6	18	20:45	166	5	61
8:30	184	4	15	21:00	149	5	46
8:45	162	5	30	21:15	186	4	42
9:00	146	5	27	21:30	152	5	24
9:15	164	4	28	21:45	179	4	23
9:30	155	6	42	22:00	171	4	20
9:45	240	3	46	22:15	0	0	0
10:00	201	4	40	22:30	0	0	0
10:15	168	4	34	22:45	0	0	0
10:30	184	4	32	23:00	0	0	0
10:45	181	4	45	23:15	0	0	0
11:00	162	5	31	23:30	0	0	0
11:15	220	3	33	23:45		0	0
11:30	289	3	44				

ARID TRAVEL TIME SUMMARY



Lukeville Port of Entry

Tuesday, June 30, 2015

Lukeville, Arizona / Sonoyta, Sonora

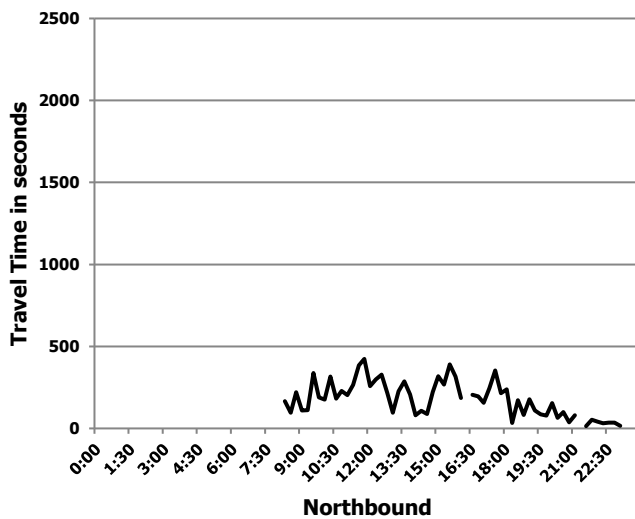
Segment Length: 0.14 miles

POE to US (2-1)

Northbound

Travel Time Samples Collected:

Entire Day	498
Hours Analyzed	15
Average Matches Per Hour	33



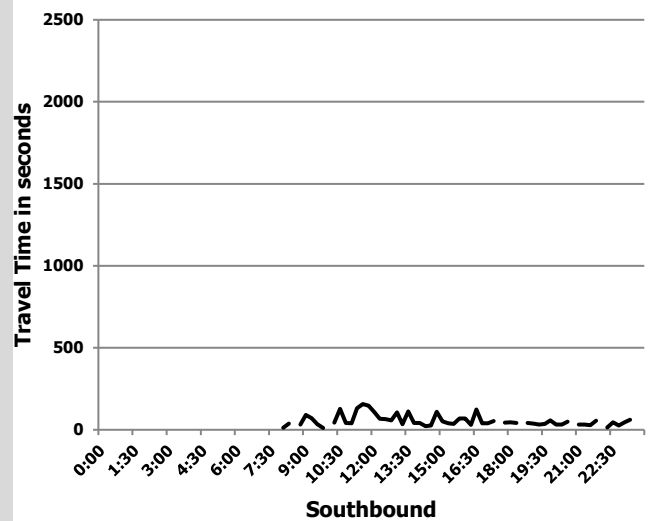
Average Travel Time (sec) 177.8

US to POE (1-2)

Southbound

Travel Time Samples Collected:

Entire Day	193
Hours Analyzed	15
Average Matches Per Hour	13



Average Travel Time (sec) 55.3

ARID TRAVEL TIME DATA

Lukeville Port of Entry, Northbound, POE to US (2-1)

Tuesday, June 30, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45	424	1	16
				12:00	258	2	21
				12:15	298	2	12
0:00				12:30	329	2	37
0:15				12:45	214	3	26
0:30				13:00	95	6	9
0:45				13:15	227	2	15
1:00				13:30	287	2	11
1:15				13:45	208	3	13
1:30				14:00	81	7	7
1:45				14:15	108	5	9
2:00				14:30	88	6	6
2:15				14:45	222	2	8
2:30				15:00	319	2	25
2:45				15:15	268	2	12
3:00				15:30	390	1	20
3:15				15:45	317	2	17
3:30				16:00	185	3	6
3:45				16:15			
4:00				16:30	205	3	10
4:15				16:45	195	3	6
4:30				17:00	156	3	9
4:45				17:15	247	2	7
5:00				17:30	354	2	5
5:15				17:45	214	3	11
5:30				18:00	239	2	11
5:45				18:15	34	16	1
6:00				18:30	171	3	4
6:15				18:45	83	7	3
6:30				19:00	178	3	2
6:45				19:15	110	5	3
7:00				19:30	87	6	2
7:15				19:45	79	7	5
7:30				20:00	154	4	4
7:45				20:15	64	8	5
8:00				20:30	99	5	3
8:15	166	3	1	20:45	37	15	1
8:30	96	6	2	21:00	81	7	1
8:45	221	2	10	21:15			
9:00	109	5	6	21:30	14	39	1
9:15	112	5	4	21:45	52	10	3
9:30	338	2	10	22:00	42	13	1
9:45	189	3	6	22:15	31	17	1
10:00	175	3	4	22:30	35	15	3
10:15	316	2	15	22:45	35	15	2
10:30	181	3	16	23:00	16	34	1
10:45	228	2	14	23:15			
11:00	204	3	8	23:30			
11:15	265	2	16	23:45			
11:30	385	1	11				

ARID TRAVEL TIME DATA

Lukeville Port of Entry, Southbound, POE to US (1-2)

Tuesday, June 30, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45	147	4	2
				12:00	108	5	2
				12:15	67	8	10
0:00				12:30	66	8	2
0:15				12:45	57	9	9
0:30				13:00	107	5	4
0:45				13:15	33	16	7
1:00				13:30	111	5	8
1:15				13:45	41	13	3
1:30				14:00	42	13	4
1:45				14:15	23	23	4
2:00				14:30	26	21	3
2:15				14:45	110	5	2
2:30				15:00	52	10	7
2:45				15:15	39	14	7
3:00				15:30	35	15	11
3:15				15:45	69	8	3
3:30				16:00	68	8	4
3:45				16:15	30	18	1
4:00				16:30	123	4	6
4:15				16:45	40	14	6
4:30				17:00	39	14	1
4:45				17:15	53	10	2
5:00				17:30			
5:15				17:45	44	12	1
5:30				18:00	45	12	1
5:45				18:15	42	13	3
6:00				18:30			
6:15				18:45	42	13	3
6:30				19:00	38	14	5
6:45				19:15	31	17	1
7:00				19:30	35	15	3
7:15				19:45	57	9	1
7:30				20:00	31	17	1
7:45				20:15	31	17	4
8:00	12	45	1	20:30	49	11	2
8:15	37	15	2	20:45			
8:30				21:00	32	17	2
8:45	32	17	4	21:15	31	17	1
9:00	91	6	2	21:30	27	20	4
9:15	70	8	5	21:45	56	10	2
9:30	34	16	5	22:00			
9:45	11	49	1	22:15	15	36	1
10:00				22:30	45	12	1
10:15	43	13	4	22:45	26	21	2
10:30	128	4	5	23:00	46	12	1
10:45	42	13	3	23:15	61	9	3
11:00	40	14	2	23:30			
11:15	132	4	4	23:45			
11:30	157	3	5				

ARID TRAVEL TIME SUMMARY



Lukeville Port of Entry

Monday, June 29, 2015

Lukeville, Arizona / Sonoyta, Sonora

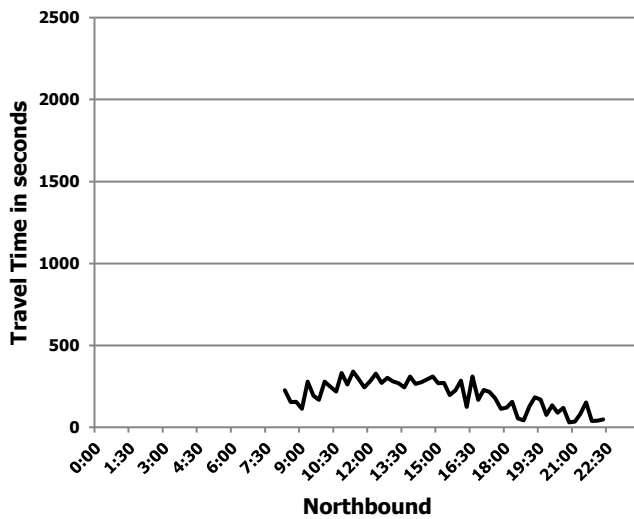
Segment Length: 0.14 miles

POE to US (2-1)

Northbound

Travel Time Samples Collected:

Entire Day	1060
Hours Analyzed	14
Average Matches Per Hour	76



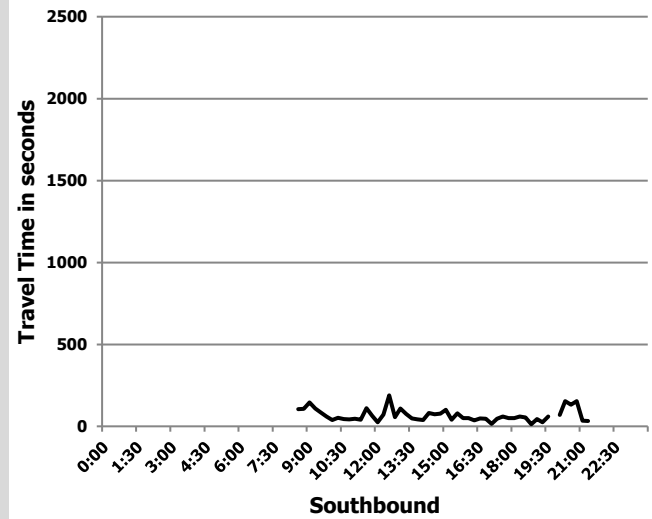
Average Travel Time (sec) 196.4

US to POE (1-2)

Southbound

Travel Time Samples Collected:

Entire Day	274
Hours Analyzed	14
Average Matches Per Hour	20



Average Travel Time (sec) 68.8

ARID TRAVEL TIME DATA

Lukeville Port of Entry, Northbound, POE to US (2-1)

Monday, June 29, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45	244	2	28
				12:00	281	2	34
				12:15	327	2	27
0:00				12:30	271	2	52
0:15				12:45	301	2	45
0:30				13:00	281	2	35
0:45				13:15	268	2	12
1:00				13:30	244	2	16
1:15				13:45	309	2	37
1:30				14:00	265	2	60
1:45				14:15	274	2	50
2:00				14:30	293	2	38
2:15				14:45	309	2	44
2:30				15:00	268	2	18
2:45				15:15	270	2	15
3:00				15:30	197	3	23
3:15				15:45	226	2	16
3:30				16:00	285	2	37
3:45				16:15	125	4	22
4:00				16:30	310	2	32
4:15				16:45	168	3	23
4:30				17:00	227	2	16
4:45				17:15	215	3	17
5:00				17:30	176	3	14
5:15				17:45	112	5	9
5:30				18:00	120	4	8
5:45				18:15	156	3	8
6:00				18:30	54	10	5
6:15				18:45	42	13	2
6:30				19:00	128	4	6
6:45				19:15	183	3	14
7:00				19:30	170	3	3
7:15				19:45	76	7	4
7:30				20:00	134	4	5
7:45				20:15	90	6	6
8:00				20:30	119	5	7
8:15	226	2	10	20:45	30	18	2
8:30	154	4	6	21:00	35	15	1
8:45	155	3	7	21:15	82	7	1
9:00	113	5	10	21:30	151	4	4
9:15	278	2	19	21:45	38	14	2
9:30	192	3	12	22:00	40	14	2
9:45	167	3	9	22:15	48	11	2
10:00	279	2	19	22:30			
10:15	248	2	25	22:45			
10:30	217	2	33	23:00			
10:45	332	2	31	23:15			
11:00	260	2	16	23:30			
11:15	340	2	23	23:45			
11:30	292	2	38				

ARID TRAVEL TIME DATA

Lukeville Port of Entry, Southbound, POE to US (1-2)

Monday, June 29, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45	64	8	9
				12:00	25	22	7
				12:15	71	8	18
0:00				12:30	189	3	8
0:15				12:45	56	10	5
0:30				13:00	108	5	18
0:45				13:15	75	7	14
1:00				13:30	48	11	5
1:15				13:45	43	13	5
1:30				14:00	39	14	5
1:45				14:15	81	7	9
2:00				14:30	73	7	7
2:15				14:45	77	7	9
2:30				15:00	100	5	10
2:45				15:15	41	13	8
3:00				15:30	79	7	8
3:15				15:45	50	11	3
3:30				16:00	50	11	3
3:45				16:15	36	15	4
4:00				16:30	49	11	3
4:15				16:45	47	11	3
4:30				17:00	15	36	1
4:45				17:15	46	12	3
5:00				17:30	60	9	1
5:15				17:45	50	11	3
5:30				18:00	50	11	3
5:45				18:15	59	9	4
6:00				18:30	54	10	8
6:15				18:45	13	42	1
6:30				19:00	44	12	4
6:45				19:15	25	22	1
7:00				19:30	59	9	4
7:15				19:45			
7:30				20:00	69	8	2
7:45				20:15	154	4	2
8:00				20:30	133	4	3
8:15				20:45	154	4	3
8:30	105	5	4	21:00	35	15	3
8:45	107	5	6	21:15	32	17	1
9:00	146	4	2	21:30			
9:15	109	5	2	21:45			
9:30	83	7	5	22:00			
9:45	59	9	2	22:15			
10:00	39	14	2	22:30	180	3	1
10:15	53	10	2	22:45			
10:30	44	12	4	23:00	31	17	2
10:45	42	13	7	23:15			
11:00	46	12	3	23:30			
11:15	41	13	10	23:45			
11:30	110	5	14				

ARID TRAVEL TIME SUMMARY



Lukeville Port of Entry

Wednesday, July 01, 2015

Lukeville, Arizona / Sonoyta, Sonora

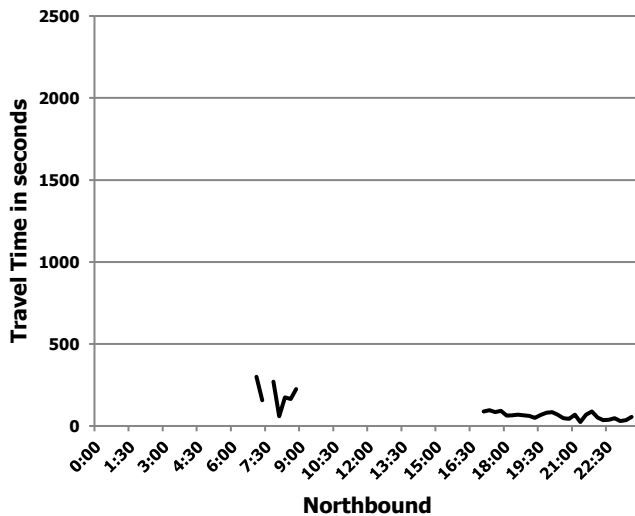
Segment Length: 0.14 miles

POE to US (2-1)

Northbound

Travel Time Samples Collected:

Entire Day	339
Hours Analyzed	9
Average Matches Per Hour	38



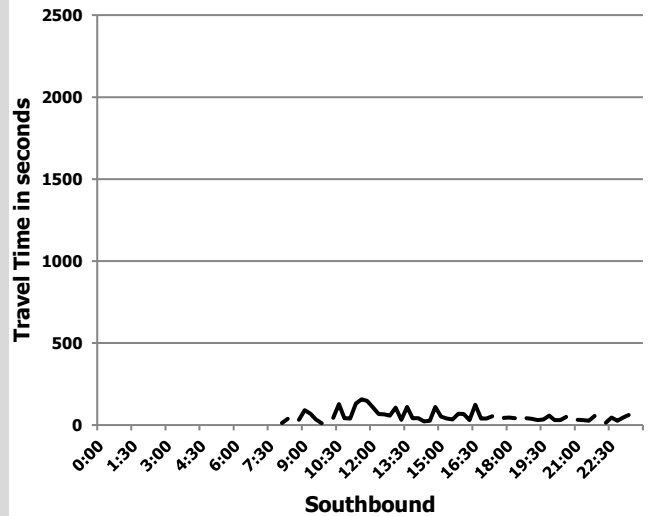
Average Travel Time (sec) 85.4

US to POE (1-2)

Southbound

Travel Time Samples Collected:

Entire Day	193
Hours Analyzed	15
Average Matches Per Hour	13



Average Travel Time (sec) 55.3

ARID TRAVEL TIME DATA

Lukeville Port of Entry, Northbound, POE to US (2-1)

Wednesday, July 01, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45			
				12:00			
				12:15			
0:00				12:30			
0:15				12:45			
0:30				13:00			
0:45				13:15			
1:00	59	9	1	13:30			
1:15				13:45			
1:30				14:00			
1:45				14:15			
2:00				14:30			
2:15				14:45			
2:30				15:00			
2:45				15:15			
3:00	60	9	1	15:30			
3:15				15:45			
3:30	60	9	1	16:00			
3:45				16:15			
4:00				16:30			
4:15				16:45			
4:30				17:00	88	6	7
4:45	60	9	2	17:15	96	6	28
5:00				17:30	84	6	20
5:15				17:45	93	6	20
5:30				18:00	63	9	25
5:45				18:15	66	8	16
6:00				18:30	68	8	14
6:15				18:45	66	8	16
6:30	78	7	1	19:00	61	9	16
6:45				19:15	49	11	10
7:00	300	2	5	19:30	67	8	7
7:15	157	3	1	19:45	81	7	6
7:30				20:00	85	6	10
7:45	270	2	1	20:15	69	8	10
8:00	60	9	3	20:30	47	11	16
8:15	174	3	5	20:45	43	13	8
8:30	165	3	11	21:00	68	8	12
8:45	225	2	6	21:15	24	22	1
9:00				21:30	68	8	10
9:15				21:45	88	6	9
9:30				22:00	52	10	6
9:45				22:15	35	15	3
10:00				22:30	37	15	4
10:15				22:45	47	11	3
10:30				23:00	29	19	12
10:45				23:15	35	15	4
11:00				23:30	55	10	8
11:15				23:45			
11:30							

ARID TRAVEL TIME DATA

Lukeville Port of Entry, Southbound, POE to US (1-2)

Wednesday, July 01, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45	147	4	2
				12:00	108	5	2
				12:15	67	8	10
0:00				12:30	66	8	2
0:15				12:45	57	9	9
0:30				13:00	107	5	4
0:45				13:15	33	16	7
1:00				13:30	111	5	8
1:15				13:45	41	13	3
1:30				14:00	42	13	4
1:45				14:15	23	23	4
2:00				14:30	26	21	3
2:15				14:45	110	5	2
2:30				15:00	52	10	7
2:45				15:15	39	14	7
3:00				15:30	35	15	11
3:15				15:45	69	8	3
3:30				16:00	68	8	4
3:45				16:15	30	18	1
4:00				16:30	123	4	6
4:15				16:45	40	14	6
4:30				17:00	39	14	1
4:45				17:15	53	10	2
5:00				17:30			
5:15				17:45	44	12	1
5:30				18:00	45	12	1
5:45				18:15	42	13	3
6:00				18:30			
6:15				18:45	42	13	3
6:30				19:00	38	14	5
6:45				19:15	31	17	1
7:00				19:30	35	15	3
7:15				19:45	57	9	1
7:30				20:00	31	17	1
7:45				20:15	31	17	4
8:00	12	45	1	20:30	49	11	2
8:15	37	15	2	20:45			
8:30				21:00	32	17	2
8:45	32	17	4	21:15	31	17	1
9:00	91	6	2	21:30	27	20	4
9:15	70	8	5	21:45	56	10	2
9:30	34	16	5	22:00			
9:45	11	49	1	22:15	15	36	1
10:00				22:30	45	12	1
10:15	43	13	4	22:45	26	21	2
10:30	128	4	5	23:00	46	12	1
10:45	42	13	3	23:15	61	9	3
11:00	40	14	2	23:30			
11:15	132	4	4	23:45			
11:30	157	3	5				

ARID TRAVEL TIME SUMMARY



Lukeville Port of Entry

June 30 - July 1, 2015

Lukeville, Arizona / Sonoyta, Sonora

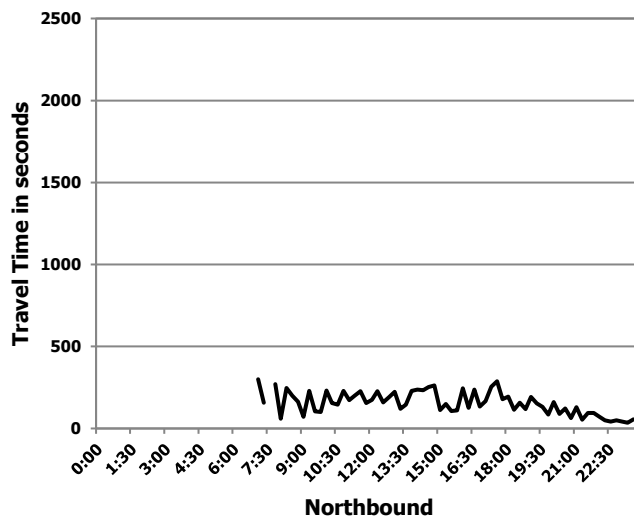
Segment Length: 0.2 miles

POE to US (2-1)

Northbound

Travel Time Samples Collected:

Three Day Period	1897
Hours Analyzed	38
Average Matches Per Hour	50



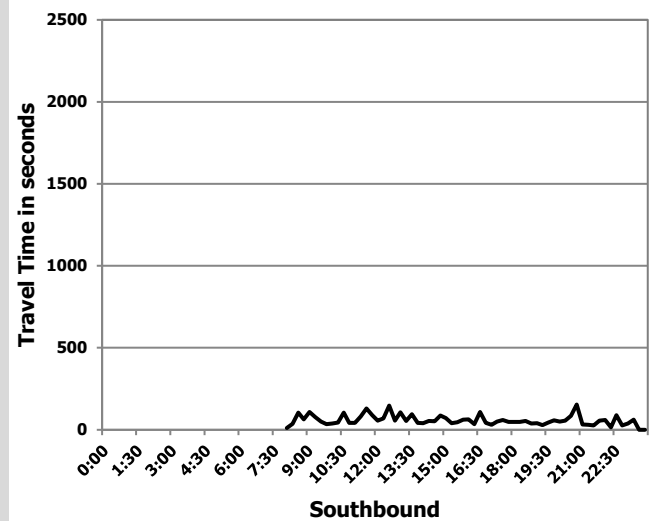
Average Travel Time (sec) 149.1

US to POE (1-2)

Southbound

Travel Time Samples Collected:

Three Day Period	660
Hours Analyzed	44
Average Matches Per Hour	15



Average Travel Time (sec) 60.0

ARID TRAVEL TIME DATA

Lukeville Port of Entry, Northbound, POE to US (2-1)

June 30 - July 1, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Total Sample Size (D)	A	B	C	D
				11:45	155	2	44
				12:00	174	2	55
				12:15	226	2	39
0:00				12:30	158	2	89
0:15				12:45	191	2	71
0:30				13:00	224	3	44
0:45				13:15	119	2	27
1:00	59	9	1	13:30	145	2	27
1:15				13:45	229	2	50
1:30				14:00	237	3	67
1:45				14:15	232	2	59
2:00				14:30	253	3	44
2:15				14:45	261	2	52
2:30				15:00	112	2	43
2:45				15:15	150	2	27
3:00	60	9	1	15:30	105	2	43
3:15				15:45	110	2	33
3:30	60	9	1	16:00	245	2	43
3:45				16:15	125	4	22
4:00				16:30	236	2	42
4:15				16:45	133	3	29
4:30				17:00	167	3	32
4:45	60	9	2	17:15	255	4	52
5:00				17:30	288	4	39
5:15				17:45	179	5	40
5:30				18:00	193	6	44
5:45				18:15	114	7	25
6:00				18:30	157	8	23
6:15				18:45	118	8	21
6:30	78	7	1	19:00	191	7	24
6:45				19:15	154	6	27
7:00	300	2	5	19:30	132	6	12
7:15	157	3	1	19:45	84	7	15
7:30				20:00	161	5	19
7:45	270	2	1	20:15	89	7	21
8:00	60	9	3	20:30	122	9	26
8:15	248	2	16	20:45	64	14	11
8:30	200	4	19	21:00	130	8	14
8:45	164	2	23	21:15	53	15	2
9:00	71	5	16	21:30	95	9	15
9:15	230	3	23	21:45	95	8	14
9:30	105	3	22	22:00	72	11	9
9:45	100	3	15	22:15	49	14	6
10:00	230	2	23	22:30	41	15	7
10:15	155	2	40	22:45	49	13	5
10:30	146	2	49	23:00	42	20	13
10:45	229	2	45	23:15	35	15	4
11:00	173	2	24	23:30	55	10	8
11:15	201	2	39	23:45	0	0	0
11:30	226	2	49				

ARID TRAVEL TIME DATA

Lukeville Port of Entry, Southbound, POE to US (1-2)

June 30 - July 1, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Total Sample Size (D)	A	B	C	D
				11:45	90	7	13
				12:00	55	16	11
				12:15	69	8	38
0:00				12:30	148	5	12
0:15				12:45	57	9	23
0:30				13:00	108	5	26
0:45				13:15	54	12	28
1:00				13:30	96	6	21
1:15				13:45	42	13	11
1:30				14:00	41	13	13
1:45				14:15	54	15	17
2:00				14:30	51	13	13
2:15				14:45	87	6	13
2:30				15:00	72	8	24
2:45				15:15	40	14	22
3:00				15:30	47	13	30
3:15				15:45	63	9	9
3:30				16:00	63	9	11
3:45				16:15	34	16	6
4:00				16:30	108	5	15
4:15				16:45	41	13	15
4:30				17:00	31	21	3
4:45				17:15	50	11	7
5:00				17:30	60	9	1
5:15				17:45	48	11	5
5:30				18:00	48	11	5
5:45				18:15	49	11	10
6:00				18:30	54	10	8
6:15				18:45	38	17	7
6:30				19:00	40	13	14
6:45				19:15	29	19	3
7:00				19:30	45	13	10
7:15				19:45	57	9	2
7:30				20:00	50	13	4
7:45				20:15	56	14	10
8:00	12	45	2	20:30	85	8	7
8:15	37	15	4	20:45	154	4	3
8:30	105	5	4	21:00	33	16	7
8:45	64	12	14	21:15	31	17	3
9:00	109	5	6	21:30	27	20	8
9:15	77	8	12	21:45	56	10	4
9:30	50	13	15	22:00	60	0	0
9:45	35	29	4	22:15	15	36	2
10:00	39	14	2	22:30	90	9	3
10:15	45	12	10	22:45	26	21	4
10:30	104	6	14	23:00	39	15	4
10:45	42	13	13	23:15	61	9	6
11:00	43	13	7	23:30	0	0	0
11:15	81	9	18	23:45	0	0	0
11:30	130	4	24				

ARID TRAVEL TIME SUMMARY



Mariposa Port of Entry (US)

Tuesday, June 16, 2015

Nogales, AZ

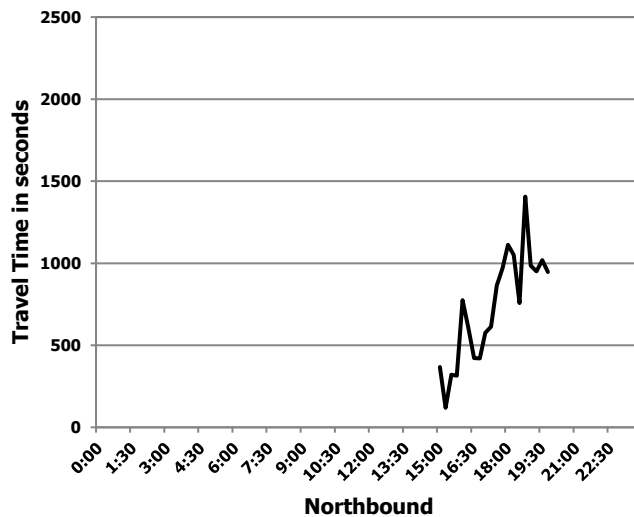
Segment Length: 0.34 miles

POE to US (2-1)

Northbound

Travel Time Samples Collected:

Entire Day	56
Hours Analyzed	5
Average Matches Per Hour	11



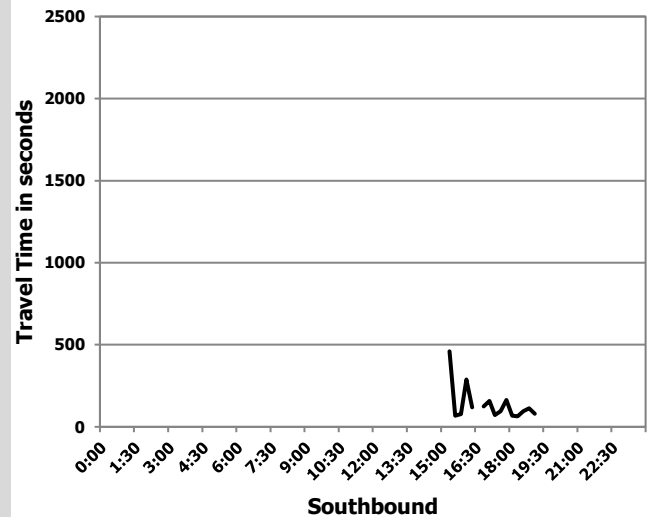
Average Travel Time (sec) 730.1

US to POE (1-2)

Southbound

Travel Time Samples Collected:

Entire Day	29
Hours Analyzed	5
Average Matches Per Hour	6



Average Travel Time (sec) 136.3

ARID TRAVEL TIME DATA

Mariposa Port of Entry (US), Northbound, POE to US (2-1)

Tuesday, June 16, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45			
				12:00			
				12:15			
0:00				12:30			
0:15				12:45			
0:30				13:00			
0:45				13:15			
1:00				13:30			
1:15				13:45			
1:30				14:00			
1:45				14:15			
2:00				14:30			
2:15				14:45			
2:30				15:00	368	3	4
2:45				15:15	119	8	1
3:00				15:30	320	3	1
3:15				15:45	314	3	3
3:30				16:00	776	1	2
3:45				16:15	607	2	2
4:00				16:30	423	2	4
4:15				16:45	421	2	1
4:30				17:00	576	2	5
4:45				17:15	614	2	3
5:00				17:30	864	1	3
5:15				17:45	971	1	7
5:30				18:00	1113	1	5
5:45				18:15	1050	1	2
6:00				18:30	757	1	1
6:15				18:45	1406	1	2
6:30				19:00	986	1	3
6:45				19:15	951	1	2
7:00				19:30	1019	1	3
7:15				19:45	947	1	2
7:30				20:00			
7:45				20:15			
8:00				20:30			
8:15				20:45			
8:30				21:00			
8:45				21:15			
9:00				21:30			
9:15				21:45			
9:30				22:00			
9:45				22:15			
10:00				22:30			
10:15				22:45			
10:30				23:00			
10:45				23:15			
11:00				23:30			
11:15				23:45			
11:30							

ARID TRAVEL TIME DATA

Mariposa Port of Entry (US), Southbound, POE to US (2-1)

Tuesday, June 16, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45			
				12:00			
				12:15			
0:00				12:30			
0:15				12:45			
0:30				13:00			
0:45				13:15			
1:00				13:30			
1:15				13:45			
1:30				14:00			
1:45				14:15			
2:00				14:30			
2:15				14:45			
2:30				15:00			
2:45				15:15	460	3	1
3:00				15:30	68	18	2
3:15				15:45	78	16	2
3:30				16:00	288	4	1
3:45				16:15	119	10	3
4:00				16:30			
4:15				16:45	124	10	1
4:30				17:00	158	8	1
4:45				17:15	71	17	4
5:00				17:30	95	13	1
5:15				17:45	163	8	1
5:30				18:00	69	18	2
5:45				18:15	64	19	3
6:00				18:30	96	13	3
6:15				18:45	113	11	1
6:30				19:00	79	15	3
6:45				19:15			
7:00				19:30			
7:15				19:45			
7:30				20:00			
7:45				20:15			
8:00				20:30			
8:15				20:45			
8:30				21:00			
8:45				21:15			
9:00				21:30			
9:15				21:45			
9:30				22:00			
9:45				22:15			
10:00				22:30			
10:15				22:45			
10:30				23:00			
10:45				23:15			
11:00				23:30			
11:15				23:45			
11:30							

ARID TRAVEL TIME SUMMARY



Mariposa Port of Entry (US)

Wednesday, June 17, 2015

Nogales, AZ

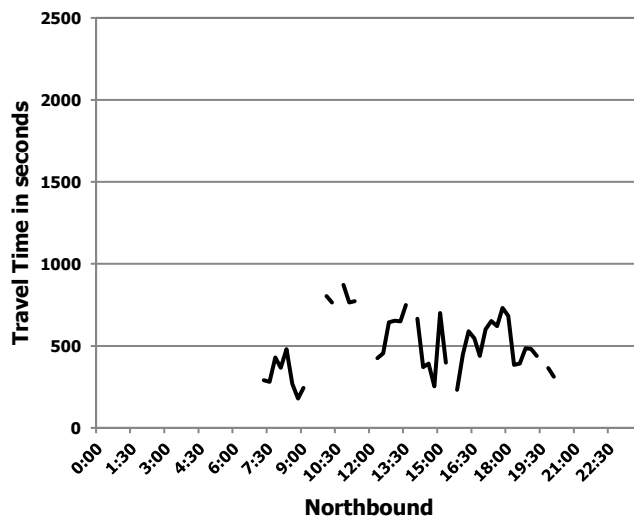
Segment Length: 0.34 miles

POE to US (2-1)

Northbound

Travel Time Samples Collected:

Entire Day	114
Hours Analyzed	15
Average Matches Per Hour	8



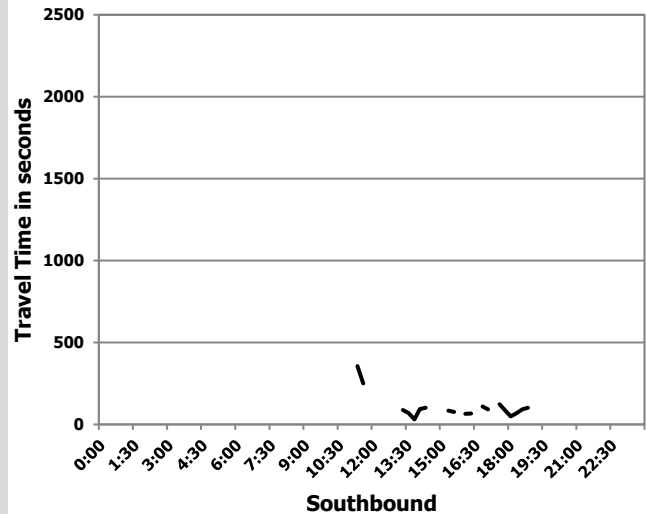
Average Travel Time (sec) 508.2

US to POE (1-2)

Southbound

Travel Time Samples Collected:

Entire Day	44
Hours Analyzed	15
Average Matches Per Hour	3



Average Travel Time (sec) 187.3

ARID TRAVEL TIME DATA

Mariposa Port of Entry (US), Northbound, POE to US (2-1)

Wednesday, June 17, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45	587	2	3
				12:00			
				12:15	425	2	3
0:00				12:30	454	2	2
0:15				12:45	643	2	3
0:30				13:00	654	2	2
0:45				13:15	650	2	3
1:00				13:30	750	1	1
1:15				13:45			
1:30				14:00	665	2	6
1:45				14:15	370	3	2
2:00				14:30	392	3	2
2:15				14:45	254	4	3
2:30				15:00	700	1	1
2:45				15:15	398	3	6
3:00				15:30			
3:15				15:45	233	4	2
3:30				16:00	447	2	2
3:45				16:15	590	2	1
4:00				16:30	547	2	4
4:15				16:45	438	2	3
4:30				17:00	601	2	3
4:45				17:15	651	2	2
5:00				17:30	620	2	1
5:15				17:45	731	1	1
5:30				18:00	682	1	3
5:45				18:15	384	3	2
6:00				18:30	392	3	3
6:15				18:45	486	2	1
6:30				19:00	481	2	2
6:45				19:15	438	2	1
7:00				19:30			
7:15	291	3	1	19:45	364	3	1
7:30	280	4	2	20:00	313	3	2
7:45	429	2	2	20:15			
8:00	367	3	4	20:30			
8:15	479	2	3	20:45			
8:30	270	4	6	21:00			
8:45	179	6	2	21:15			
9:00	243	4	3	21:30			
9:15				21:45			
9:30				22:00			
9:45				22:15			
10:00	803	1	1	22:30			
10:15	764	1	5	22:45			
10:30				23:00			
10:45	872	1	4	23:15			
11:00	764	1	1	23:30			
11:15	773	1	9	23:45			
11:30							

ARID TRAVEL TIME DATA

Mariposa Port of Entry (US), Southbound, POE to US (2-1)

Wednesday, June 17, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45			
				12:00	85	14	1
				12:15			
0:00				12:30			
0:15				12:45	102	12	1
0:30				13:00			
0:45				13:15	88	14	1
1:00				13:30	69	18	1
1:15				13:45	31	39	1
1:30				14:00	94	13	3
1:45				14:15	102	12	1
2:00				14:30			
2:15				14:45			
2:30				15:00			
2:45				15:15	84	15	5
3:00				15:30	76	16	5
3:15				15:45			
3:30				16:00	65	19	1
3:45				16:15	67	18	1
4:00				16:30			
4:15				16:45	109	11	2
4:30				17:00	92	13	1
4:45				17:15			
5:00				17:30	124	10	1
5:15				17:45	85	14	5
5:30				18:00	49	25	2
5:45				18:15	69	18	2
6:00				18:30	92	13	1
6:15				18:45	101	12	1
6:30				19:00			
6:45				19:15	84	15	1
7:00				19:30			
7:15				19:45			
7:30				20:00			
7:45				20:15			
8:00	1984	1	1	20:30			
8:15				20:45			
8:30				21:00			
8:45				21:15			
9:00	370	2	1	21:30			
9:15				21:45			
9:30				22:00			
9:45				22:15			
10:00				22:30			
10:15	84	15	1	22:45			
10:30				23:00			
10:45	158	8	1	23:15			
11:00				23:30			
11:15	356	3	1	23:45			
11:30	250	5	2				

ARID TRAVEL TIME SUMMARY



Mariposa Port of Entry (US)

Thursday, June 18, 2015

Nogales, AZ

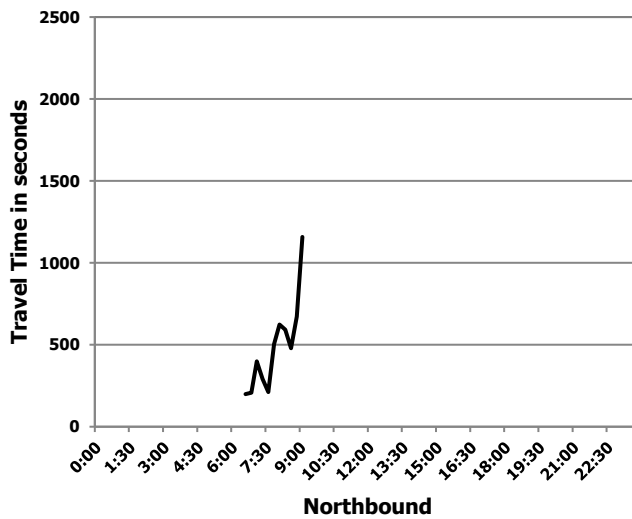
Segment Length: 0.34 miles

POE to US (2-1)

Northbound

Travel Time Samples Collected:

Entire Day	122
Hours Analyzed	3
Average Matches Per Hour	41



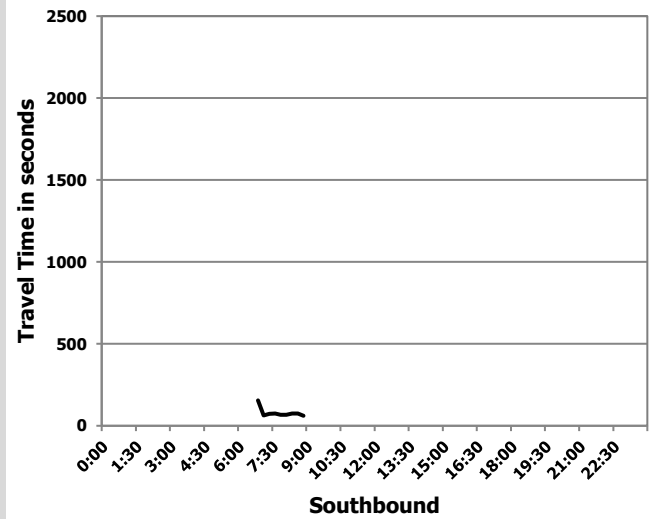
Average Travel Time (sec) 485.3

US to POE (1-2)

Southbound

Travel Time Samples Collected:

Entire Day	79
Hours Analyzed	3
Average Matches Per Hour	26



Average Travel Time (sec) 79.1

ARID TRAVEL TIME DATA

Mariposa Port of Entry (US), Northbound, POE to US (2-1)

Thursday, June 18, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45			
				12:00			
				12:15			
0:00				12:30			
0:15				12:45			
0:30				13:00			
0:45				13:15			
1:00				13:30			
1:15				13:45			
1:30				14:00			
1:45				14:15			
2:00				14:30			
2:15				14:45			
2:30				15:00			
2:45				15:15			
3:00				15:30			
3:15				15:45			
3:30				16:00			
3:45				16:15			
4:00				16:30			
4:15				16:45			
4:30				17:00			
4:45				17:15			
5:00				17:30			
5:15				17:45			
5:30				18:00			
5:45				18:15			
6:00				18:30			
6:15				18:45			
6:30	199	5	1	19:00			
6:45	207	5	2	19:15			
7:00	399	3	11	19:30			
7:15	292	3	6	19:45			
7:30	212	5	5	20:00			
7:45	505	2	15	20:15			
8:00	624	2	18	20:30			
8:15	592	2	16	20:45			
8:30	478	2	20	21:00			
8:45	672	2	14	21:15			
9:00	1158	1	14	21:30			
9:15				21:45			
9:30				22:00			
9:45				22:15			
10:00				22:30			
10:15				22:45			
10:30				23:00			
10:45				23:15			
11:00				23:30			
11:15				23:45			
11:30							

ARID TRAVEL TIME DATA

Mariposa Port of Entry (US), Southbound, POE to US (2-1)

Thursday, June 18, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45			
				12:00			
				12:15			
0:00				12:30			
0:15				12:45			
0:30				13:00			
0:45				13:15			
1:00				13:30			
1:15				13:45			
1:30				14:00			
1:45				14:15			
2:00				14:30			
2:15				14:45			
2:30				15:00			
2:45				15:15			
3:00				15:30			
3:15				15:45			
3:30				16:00			
3:45				16:15			
4:00				16:30			
4:15				16:45			
4:30				17:00			
4:45				17:15			
5:00				17:30			
5:15				17:45			
5:30				18:00			
5:45				18:15			
6:00				18:30			
6:15				18:45			
6:30				19:00			
6:45	155	8	10	19:15			
7:00	64	19	10	19:30			
7:15	73	17	5	19:45			
7:30	75	16	10	20:00			
7:45	67	18	12	20:15			
8:00	67	18	14	20:30			
8:15	75	16	8	20:45			
8:30	75	16	9	21:00			
8:45	61	20	1	21:15			
9:00				21:30			
9:15				21:45			
9:30				22:00			
9:45				22:15			
10:00				22:30			
10:15				22:45			
10:30				23:00			
10:45				23:15			
11:00				23:30			
11:15				23:45			
11:30							

ARID TRAVEL TIME SUMMARY



Mariposa Port of Entry

June 16 - 18, 2015

Nogales, AZ

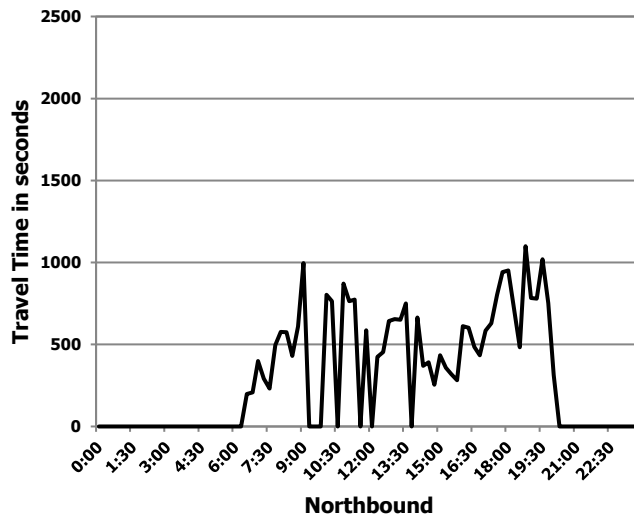
Segment Length: 0.34 miles

MEX to US (3-2)

Northbound

Travel Time Samples Collected:

Three Day Period	292
Hours Analyzed	23
Average Matches Per Hour	13



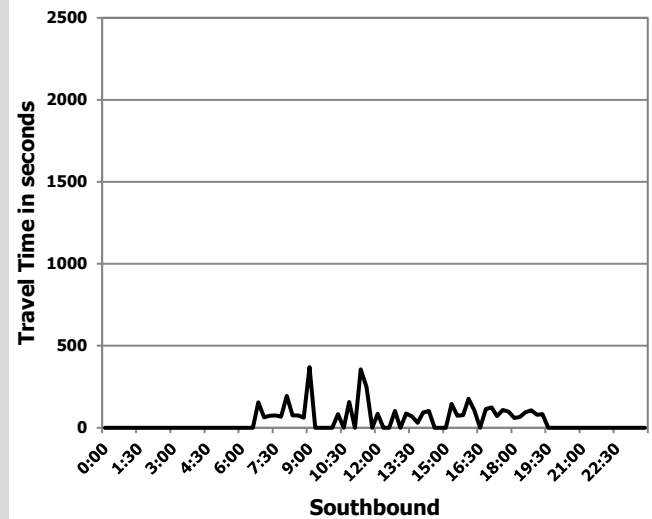
Average Travel Time (sec) 587.8

US to MEX (1-2)

Southbound

Travel Time Samples Collected:

Three Day Period	152
Hours Analyzed	23
Average Matches Per Hour	7



Average Travel Time (sec) 114.0

ARID TRAVEL TIME DATA

Mariposa Port of Entry, Northbound, MEX to POE (3-2)

June 16 - 18, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Total Sample Size (D)	A	B	C	D
				11:45	587	2	3
				12:00			
				12:15	425	2	3
0:00				12:30	454	2	2
0:15				12:45	643	2	3
0:30				13:00	654	2	2
0:45				13:15	650	2	3
1:00				13:30	750	1	1
1:15				13:45			
1:30				14:00	665	2	6
1:45				14:15	370	3	2
2:00				14:30	392	3	2
2:15				14:45	254	4	3
2:30				15:00	434	3	5
2:45				15:15	358	4	7
3:00				15:30	320	3	1
3:15				15:45	282	3	5
3:30				16:00	612	2	4
3:45				16:15	601	2	3
4:00				16:30	485	2	8
4:15				16:45	434	2	4
4:30				17:00	585	2	8
4:45				17:15	629	2	5
5:00				17:30	803	1	4
5:15				17:45	941	1	8
5:30				18:00	951	1	8
5:45				18:15	717	2	4
6:00				18:30	483	3	4
6:15				18:45	1099	1	3
6:30	199	5	1	19:00	784	1	5
6:45	207	5	2	19:15	780	1	3
7:00	399	3	11	19:30	1019	1	3
7:15	292	3	7	19:45	753	2	3
7:30	231	5	7	20:00	313	3	2
7:45	496	2	17	20:15			
8:00	577	2	22	20:30			
8:15	574	2	19	20:45			
8:30	430	2	26	21:00			
8:45	610	3	16	21:15			
9:00	997	2	17	21:30			
9:15				21:45			
9:30				22:00			
9:45				22:15			
10:00	803	1	1	22:30			
10:15	764	1	5	22:45			
10:30				23:00			
10:45	872	1	4	23:15			
11:00	764	1	1	23:30			
11:15	773	1	9	23:45			
11:30							

ARID TRAVEL TIME DATA

Mariposa Port of Entry, Southbound, POE to US (1-2)

June 16 - 18, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Total Sample Size (D)	A	B	C	D
				11:45			
				12:00	85	14	1
				12:15			
0:00				12:30			
0:15				12:45	102	12	1
0:30				13:00			
0:45				13:15	88	14	1
1:00				13:30	69	18	1
1:15				13:45	31	39	1
1:30				14:00	94	13	3
1:45				14:15	102	12	1
2:00				14:30			
2:15				14:45			
2:30				15:00			
2:45				15:15	147	13	6
3:00				15:30	74	17	7
3:15				15:45	78	16	2
3:30				16:00	177	12	2
3:45				16:15	106	12	4
4:00				16:30			
4:15				16:45	114	11	3
4:30				17:00	125	11	2
4:45				17:15	71	17	4
5:00				17:30	110	12	2
5:15				17:45	98	13	6
5:30				18:00	59	22	4
5:45				18:15	66	19	5
6:00				18:30	95	13	4
6:15				18:45	107	12	2
6:30				19:00	79	15	3
6:45	155	8	10	19:15	84	15	1
7:00	64	19	10	19:30			
7:15	73	17	5	19:45			
7:30	75	16	10	20:00			
7:45	67	18	12	20:15			
8:00	195	17	15	20:30			
8:15	75	16	8	20:45			
8:30	75	16	9	21:00			
8:45	61	20	1	21:15			
9:00	370	2	1	21:30			
9:15				21:45			
9:30				22:00			
9:45				22:15			
10:00				22:30			
10:15	84	15	1	22:45			
10:30				23:00			
10:45	158	8	1	23:15			
11:00				23:30			
11:15	356	3	1	23:45			
11:30	250	5	2				

ARID TRAVEL TIME SUMMARY



Mariposa Port of Entry

Tuesday, June 16, 2015

Nogales, Sonora

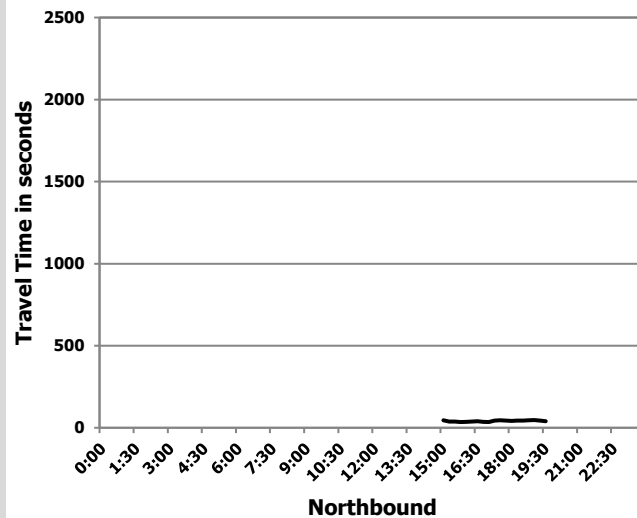
Segment Length: 0.16 miles

MX to POE (3-2)

Northbound

Travel Time Samples Collected:

Entire Day	52
Hours Analyzed	5
Average Matches Per Hour	10



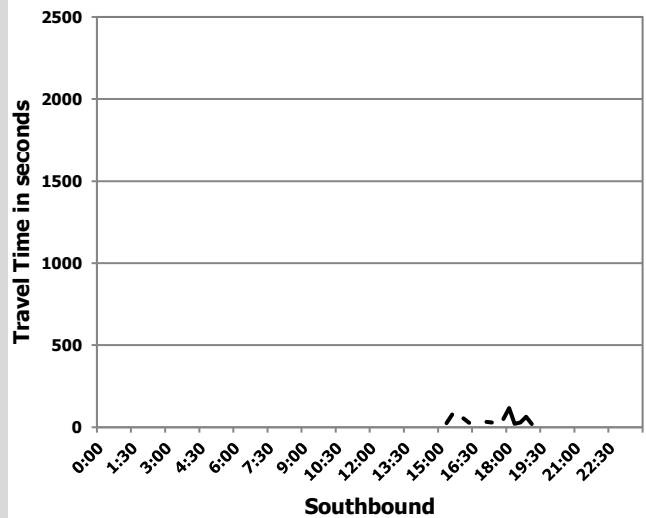
Average Travel Time (sec) 40.6

POE to MX (2-3)

Southbound

Travel Time Samples Collected:

Entire Day	22
Hours Analyzed	5
Average Matches Per Hour	4



Average Travel Time (sec) 47.8

ARID TRAVEL TIME DATA

Mariposa Port of Entry, Northbound, MX to POE (3-2)

Tuesday, June 16, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45			
				12:00			
				12:15			
0:00				12:30			
0:15				12:45			
0:30				13:00			
0:45				13:15			
1:00				13:30			
1:15				13:45			
1:30				14:00			
1:45				14:15			
2:00				14:30			
2:15				14:45			
2:30				15:00	45	13	1
2:45				15:15	38	15	1
3:00				15:30	37	16	3
3:15				15:45	35	16	2
3:30				16:00	36	16	2
3:45				16:15	37	16	4
4:00				16:30	39	15	2
4:15				16:45	36	16	3
4:30				17:00	35	16	3
4:45				17:15	43	13	4
5:00				17:30	45	13	3
5:15				17:45	43	13	2
5:30				18:00	42	14	2
5:45				18:15	44	13	7
6:00				18:30	44	13	1
6:15				18:45	46	13	2
6:30				19:00	47	12	3
6:45				19:15	43	13	3
7:00				19:30	40	14	3
7:15				19:45			
7:30				20:00			
7:45				20:15	36	16	1
8:00				20:30			
8:15				20:45			
8:30				21:00			
8:45				21:15			
9:00				21:30			
9:15				21:45			
9:30				22:00			
9:45				22:15			
10:00				22:30			
10:15				22:45			
10:30				23:00			
10:45				23:15			
11:00				23:30			
11:15				23:45			
11:30							

ARID TRAVEL TIME DATA

Mariposa Port of Entry, Southbound, MX to POE (2-3)

Tuesday, June 16, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45			
				12:00			
				12:15			
0:00				12:30			
0:15				12:45			
0:30				13:00			
0:45				13:15			
1:00				13:30			
1:15				13:45			
1:30				14:00			
1:45				14:15			
2:00				14:30			
2:15				14:45			
2:30				15:00			
2:45				15:15	25	23	1
3:00				15:30	77	7	4
3:15				15:45			
3:30				16:00	54	11	1
3:45				16:15	28	21	2
4:00				16:30			
4:15				16:45			
4:30				17:00	32	18	3
4:45				17:15	30	19	1
5:00				17:30			
5:15				17:45	51	11	1
5:30				18:00	117	5	1
5:45				18:15	22	26	1
6:00				18:30	30	19	3
6:15				18:45	65	9	1
6:30				19:00	20	29	2
6:45				19:15			
7:00				19:30			
7:15				19:45			
7:30				20:00	71	8	1
7:45				20:15			
8:00				20:30			
8:15				20:45			
8:30				21:00			
8:45				21:15			
9:00				21:30			
9:15				21:45			
9:30				22:00			
9:45				22:15			
10:00				22:30			
10:15				22:45			
10:30				23:00			
10:45				23:15			
11:00				23:30			
11:15				23:45			
11:30							

ARID TRAVEL TIME SUMMARY



Mariposa Port of Entry

Wednesday, June 17, 2015

Nogales, Sonora

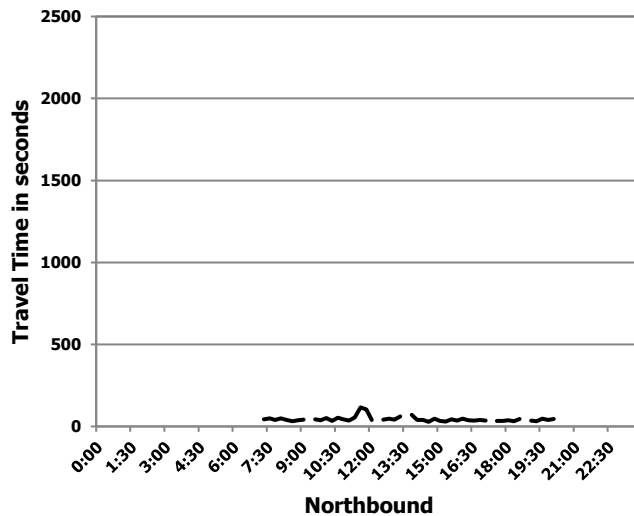
Segment Length: 0.16 miles

MX to POE (3-2)

Northbound

Travel Time Samples Collected:

Entire Day	143
Hours Analyzed	13
Average Matches Per Hour	11



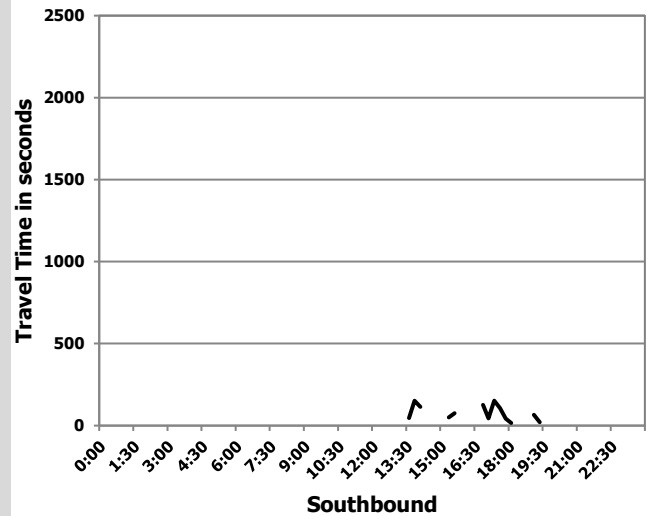
Average Travel Time (sec) 44.2

POE to MX (2-3)

Southbound

Travel Time Samples Collected:

Entire Day	28
Hours Analyzed	13
Average Matches Per Hour	2



Average Travel Time (sec) 132.7

ARID TRAVEL TIME DATA

Mariposa Port of Entry, Northbound, MX to POE (3-2)

Wednesday, June 17, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45	103	6	2
				12:00	39	15	2
				12:15			
0:00				12:30	42	14	2
0:15				12:45	47	12	3
0:30				13:00	41	14	5
0:45				13:15	61	9	4
1:00				13:30			
1:15				13:45	71	8	2
1:30				14:00	39	15	3
1:45				14:15	39	15	2
2:00				14:30	28	21	2
2:15				14:45	48	12	3
2:30				15:00	33	17	3
2:45				15:15	29	20	1
3:00				15:30	44	13	2
3:15				15:45	35	16	2
3:30				16:00	48	12	1
3:45				16:15	37	16	2
4:00				16:30	35	16	2
4:15				16:45	39	15	2
4:30				17:00	35	16	3
4:45				17:15			
5:00				17:30	33	17	3
5:15				17:45	34	17	2
5:30				18:00	38	15	1
5:45				18:15	31	19	1
6:00				18:30	45	13	4
6:15				18:45			
6:30				19:00	36	16	2
6:45				19:15	32	18	3
7:00				19:30	48	12	2
7:15	43	13	2	19:45	40	14	5
7:30	49	12	5	20:00	46	13	1
7:45	40	14	5	20:15			
8:00	50	12	10	20:30			
8:15	40	14	7	20:45			
8:30	32	18	3	21:00			
8:45	38	15	1	21:15			
9:00	41	14	2	21:30			
9:15				21:45			
9:30	44	13	2	22:00			
9:45	38	15	3	22:15			
10:00	51	11	3	22:30			
10:15	33	17	2	22:45			
10:30	54	11	1	23:00			
10:45	44	13	3	23:15			
11:00	35	16	2	23:30			
11:15	55	10	17	23:45			
11:30	116	5	3				

ARID TRAVEL TIME DATA

Mariposa Port of Entry, Southbound, MX to POE (2-3)

Wednesday, June 17, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45			
				12:00			
				12:15			
0:00				12:30			
0:15				12:45			
0:30				13:00			
0:45				13:15			
1:00				13:30	47	12	1
1:15				13:45	151	4	1
1:30				14:00	114	5	1
1:45				14:15			
2:00				14:30			
2:15				14:45			
2:30				15:00			
2:45				15:15	50	12	3
3:00				15:30	75	8	1
3:15				15:45			
3:30				16:00	130	4	1
3:45				16:15			
4:00				16:30			
4:15				16:45	127	5	1
4:30				17:00	45	13	2
4:45				17:15	152	4	2
5:00				17:30	107	5	2
5:15				17:45	42	14	2
5:30				18:00	16	36	1
5:45				18:15			
6:00				18:30	81	7	1
6:15				18:45			
6:30				19:00	66	9	1
6:45				19:15	20	29	1
7:00				19:30			
7:15				19:45			
7:30				20:00			
7:45				20:15			
8:00	311	2	1	20:30			
8:15				20:45			
8:30				21:00			
8:45				21:15			
9:00				21:30			
9:15				21:45			
9:30	385	1	1	22:00			
9:45				22:15			
10:00				22:30			
10:15	407	1	1	22:45			
10:30				23:00			
10:45	201	3	1	23:15			
11:00				23:30			
11:15				23:45			
11:30	126	5	3				

ARID TRAVEL TIME SUMMARY



Mariposa Port of Entry

June 16 - 17, 2015

Nogales, Sonora

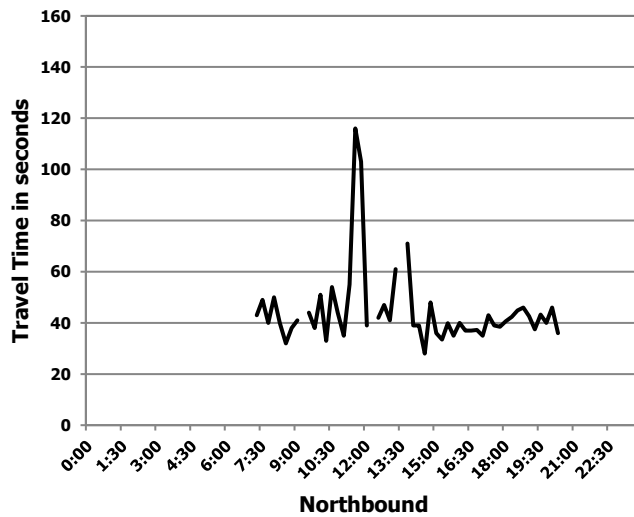
Segment Length: 0.16 miles

MX to POE (3-2)

Northbound

Travel Time Samples Collected:

Two Day Period	195
Hours Analyzed	18
Average Matches Per Hour	11



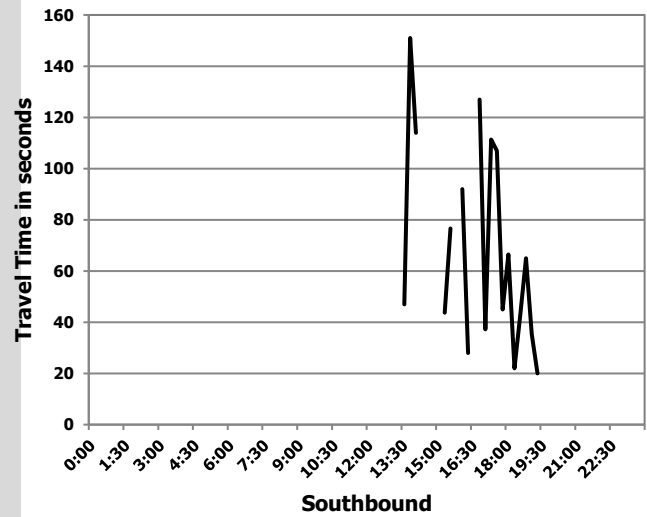
Average Travel Time (sec) 44.6

POE to MX (2-3)

Southbound

Travel Time Samples Collected:

Two Day Period	50
Hours Analyzed	18
Average Matches Per Hour	3



Average Travel Time (sec) 113.9

ARID TRAVEL TIME DATA

Mariposa Port of Entry, Northbound, MX to POE (3-2)

June 16 - 17, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Total Sample Size (D)	A	B	C	D
				11:45	103	6	2
				12:00	39	15	2
				12:15			
0:00				12:30	42	14	2
0:15				12:45	47	12	3
0:30				13:00	41	14	5
0:45				13:15	61	9	4
1:00				13:30			
1:15				13:45	71	8	2
1:30				14:00	39	15	3
1:45				14:15	39	15	2
2:00				14:30	28	21	2
2:15				14:45	48	12	3
2:30				15:00	36	16	4
2:45				15:15	34	18	2
3:00				15:30	40	15	5
3:15				15:45	35	16	4
3:30				16:00	40	15	3
3:45				16:15	37	16	6
4:00				16:30	37	16	4
4:15				16:45	37	16	5
4:30				17:00	35	16	6
4:45				17:15	43	13	4
5:00				17:30	39	15	6
5:15				17:45	39	15	4
5:30				18:00	41	14	3
5:45				18:15	42	14	8
6:00				18:30	45	13	5
6:15				18:45	46	13	2
6:30				19:00	43	14	5
6:45				19:15	38	16	6
7:00				19:30	43	13	5
7:15	43	13	2	19:45	40	14	5
7:30	49	12	5	20:00	46	13	1
7:45	40	14	5	20:15	36	16	1
8:00	50	12	10	20:30			
8:15	40	14	7	20:45			
8:30	32	18	3	21:00			
8:45	38	15	1	21:15			
9:00	41	14	2	21:30			
9:15				21:45			
9:30	44	13	2	22:00			
9:45	38	15	3	22:15			
10:00	51	11	3	22:30			
10:15	33	17	2	22:45			
10:30	54	11	1	23:00			
10:45	44	13	3	23:15			
11:00	35	16	2	23:30			
11:15	55	10	17	23:45			
11:30	116	5	3				

ARID TRAVEL TIME DATA

Mariposa Port of Entry, Southbound, MX to POE (2-3)

June 16 - 17, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Total Sample Size (D)	A	B	C	D
				11:45			
				12:00			
				12:15			
0:00				12:30			
0:15				12:45			
0:30				13:00			
0:45				13:15			
1:00				13:30	47	12	1
1:15				13:45	151	4	1
1:30				14:00	114	5	1
1:45				14:15			
2:00				14:30			
2:15				14:45			
2:30				15:00			
2:45				15:15	44	15	4
3:00				15:30	77	7	5
3:15				15:45			
3:30				16:00	92	8	2
3:45				16:15	28	21	2
4:00				16:30			
4:15				16:45	127	5	1
4:30				17:00	37	16	5
4:45				17:15	111	9	3
5:00				17:30	107	5	2
5:15				17:45	45	13	3
5:30				18:00	67	21	2
5:45				18:15	22	26	1
6:00				18:30	43	16	4
6:15				18:45	65	9	1
6:30				19:00	35	22	3
6:45				19:15	20	29	1
7:00				19:30			
7:15				19:45			
7:30				20:00	71	8	1
7:45				20:15			
8:00	311	2	1	20:30			
8:15				20:45			
8:30				21:00			
8:45				21:15			
9:00				21:30			
9:15				21:45			
9:30	385	1	1	22:00			
9:45				22:15			
10:00				22:30			
10:15	407	1	1	22:45			
10:30				23:00			
10:45	201	3	1	23:15			
11:00				23:30			
11:15				23:45			
11:30	126	5	3				

ARID TRAVEL TIME SUMMARY



DeConcini Port of Entry

Tuesday, June 16, 2015

Nogales, Arizona / Nogales, Sonora

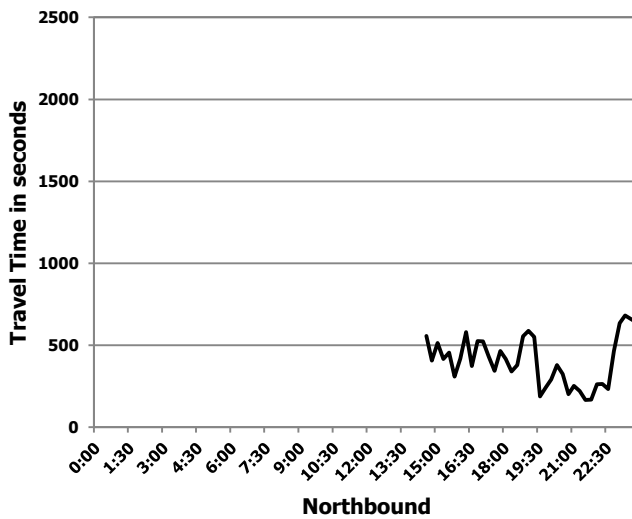
Segment Length: 0.18 miles

MX to US (3-1)

Northbound

Travel Time Samples Collected:

Entire Day	813
Hours Analyzed	9
Average Matches Per Hour	90



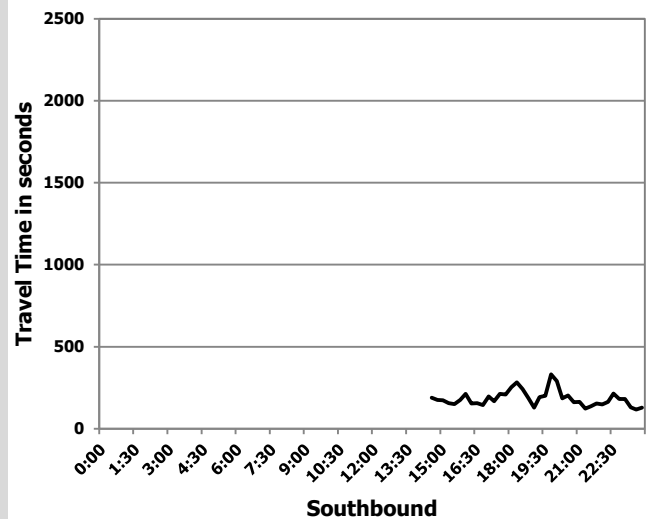
Average Travel Time (sec) 406.1

US to MX (1-3)

Southbound

Travel Time Samples Collected:

Entire Day	700
Hours Analyzed	9
Average Matches Per Hour	78



Average Travel Time (sec) 183.4

ARID TRAVEL TIME DATA

DeConcini Port of Entry, Northbound, MX to US (3-1)

Tuesday, June 16, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45			
				12:00			
				12:15			
0:00				12:30			
0:15				12:45			
0:30				13:00			
0:45				13:15			
1:00				13:30			
1:15				13:45			
1:30				14:00			
1:45				14:15			
2:00				14:30	558	1	31
2:15				14:45	407	2	26
2:30				15:00	515	1	14
2:45				15:15	416	2	21
3:00				15:30	455	1	15
3:15				15:45	309	2	16
3:30				16:00	419	2	28
3:45				16:15	581	1	11
4:00				16:30	374	2	29
4:15				16:45	526	1	32
4:30				17:00	524	1	45
4:45				17:15	431	2	46
5:00				17:30	344	2	26
5:15				17:45	465	1	21
5:30				18:00	416	2	30
5:45				18:15	340	2	43
6:00				18:30	379	2	35
6:15				18:45	556	1	34
6:30				19:00	589	1	26
6:45				19:15	551	1	31
7:00				19:30	188	3	14
7:15				19:45	242	3	23
7:30				20:00	292	2	16
7:45				20:15	379	2	14
8:00				20:30	325	2	20
8:15				20:45	201	3	5
8:30				21:00	253	3	9
8:45				21:15	221	3	15
9:00				21:30	166	4	12
9:15				21:45	168	4	10
9:30				22:00	262	2	5
9:45				22:15	264	2	11
10:00				22:30	233	3	16
10:15				22:45	466	1	20
10:30				23:00	635	1	18
10:45				23:15	682	1	22
11:00				23:30	660	1	13
11:15				23:45	640	1	10
11:30							

ARID TRAVEL TIME DATA

DeConcini Port of Entry, Southbound, MX to US (1-3)

Tuesday, June 16, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45			
				12:00			
				12:15			
0:00				12:30			
0:15				12:45			
0:30				13:00			
0:45				13:15			
1:00				13:30			
1:15				13:45			
1:30				14:00			
1:45				14:15			
2:00				14:30	189	3	15
2:15				14:45	175	4	13
2:30				15:00	174	4	14
2:45				15:15	156	4	17
3:00				15:30	150	4	13
3:15				15:45	176	4	21
3:30				16:00	213	3	13
3:45				16:15	154	4	28
4:00				16:30	155	4	24
4:15				16:45	144	4	19
4:30				17:00	196	3	18
4:45				17:15	168	4	18
5:00				17:30	212	3	30
5:15				17:45	209	3	22
5:30				18:00	253	3	34
5:45				18:15	282	2	19
6:00				18:30	241	3	36
6:15				18:45	187	3	28
6:30				19:00	129	5	14
6:45				19:15	193	3	20
7:00				19:30	200	3	26
7:15				19:45	332	2	31
7:30				20:00	291	2	24
7:45				20:15	186	3	16
8:00				20:30	202	3	15
8:15				20:45	162	4	20
8:30				21:00	163	4	15
8:45				21:15	122	5	7
9:00				21:30	136	5	11
9:15				21:45	153	4	17
9:30				22:00	149	4	17
9:45				22:15	164	4	21
10:00				22:30	215	3	11
10:15				22:45	181	4	15
10:30				23:00	182	4	11
10:45				23:15	131	5	14
11:00				23:30	117	6	6
11:15				23:45	129	5	7
11:30							

ARID TRAVEL TIME SUMMARY



DeConcini Port of Entry

Wednesday, June 17, 2015

Nogales, Arizona / Nogales, Sonora

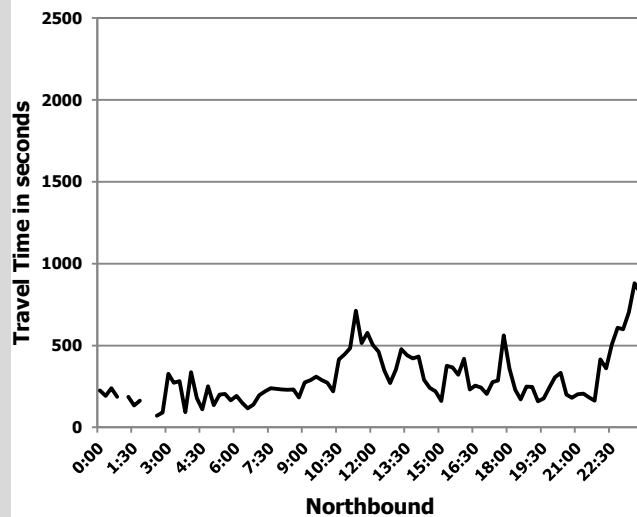
Segment Length: 0.18 miles

MX to US (3-1)

Northbound

Travel Time Samples Collected:

Entire Day	1784
Hours Analyzed	24
Average Matches Per Hour	74



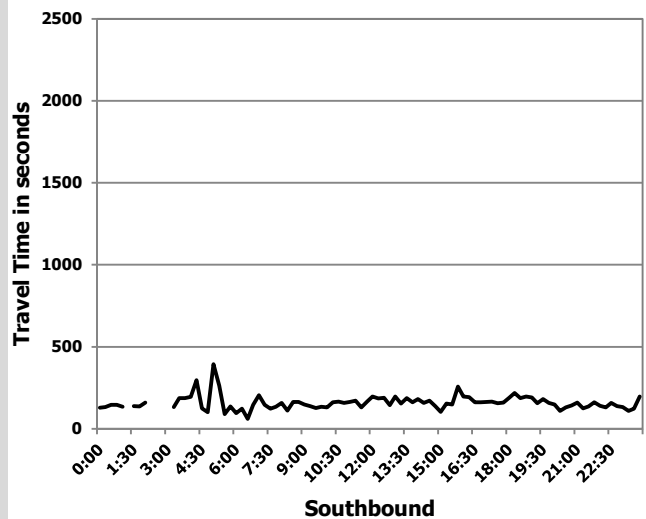
Average Travel Time (sec) 299.8

US to MX (1-3)

Southbound

Travel Time Samples Collected:

Entire Day	1294
Hours Analyzed	24
Average Matches Per Hour	54



Average Travel Time (sec) 158.8

ARID TRAVEL TIME DATA

DeConcini Port of Entry, Northbound, MX to US (3-1)

Wednesday, June 17, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45	577	1	35
				12:00	503	1	30
				12:15	462	1	29
0:00	225	3	3	12:30	347	2	22
0:15	193	3	3	12:45	270	2	12
0:30	239	3	10	13:00	352	2	26
0:45	186	3	7	13:15	477	1	23
1:00				13:30	441	1	42
1:15	186	3	2	13:45	422	2	19
1:30	134	5	2	14:00	432	2	38
1:45	164	4	2	14:15	290	2	34
2:00				14:30	241	3	35
2:15				14:45	220	3	24
2:30	71	9	1	15:00	162	4	19
2:45	90	7	1	15:15	377	2	20
3:00	327	2	1	15:30	367	2	27
3:15	272	2	5	15:45	322	2	24
3:30	283	2	5	16:00	419	2	31
3:45	92	7	1	16:15	232	3	27
4:00	338	2	5	16:30	254	3	22
4:15	178	4	3	16:45	244	3	25
4:30	110	6	2	17:00	205	3	16
4:45	252	3	5	17:15	277	2	5
5:00	135	5	8	17:30	286	2	22
5:15	201	3	3	17:45	562	1	36
5:30	205	3	12	18:00	359	2	27
5:45	166	4	5	18:15	229	3	33
6:00	193	3	7	18:30	171	4	24
6:15	149	4	14	18:45	249	3	30
6:30	117	6	13	19:00	247	3	28
6:45	139	5	14	19:15	160	4	24
7:00	197	3	9	19:30	176	4	21
7:15	219	3	24	19:45	242	3	20
7:30	240	3	25	20:00	306	2	21
7:45	236	3	28	20:15	334	2	27
8:00	231	3	29	20:30	201	3	12
8:15	230	3	46	20:45	181	4	19
8:30	231	3	23	21:00	203	3	19
8:45	183	4	25	21:15	206	3	20
9:00	275	2	28	21:30	183	4	10
9:15	289	2	39	21:45	163	4	14
9:30	310	2	31	22:00	416	2	12
9:45	289	2	30	22:15	360	2	13
10:00	272	2	32	22:30	508	1	26
10:15	219	3	22	22:45	609	1	18
10:30	416	2	22	23:00	598	1	18
10:45	446	1	27	23:15	703	1	20
11:00	483	1	21	23:30	880	1	9
11:15	713	1	24	23:45	820	1	14
11:30	515	1	43				

ARID TRAVEL TIME DATA

DeConcini Port of Entry, Southbound, MX to US (1-3)

Wednesday, June 17, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45	166	4	22
				12:00	196	3	19
				12:15	185	4	18
0:00	129	5	5	12:30	190	3	24
0:15	132	5	4	12:45	145	4	18
0:30	147	4	3	13:00	196	3	16
0:45	147	4	5	13:15	153	4	14
1:00	134	5	8	13:30	188	3	22
1:15				13:45	162	4	19
1:30	139	5	1	14:00	182	4	29
1:45	136	5	2	14:15	158	4	29
2:00	160	4	4	14:30	171	4	14
2:15				14:45	139	5	19
2:30				15:00	104	6	13
2:45				15:15	154	4	13
3:00				15:30	149	4	21
3:15	132	5	2	15:45	257	3	29
3:30	187	3	7	16:00	196	3	13
3:45	187	3	3	16:15	193	3	22
4:00	194	3	1	16:30	161	4	28
4:15	296	2	4	16:45	162	4	21
4:30	124	5	1	17:00	163	4	25
4:45	102	6	1	17:15	165	4	4
5:00	394	2	3	17:30	155	4	23
5:15	264	2	5	17:45	160	4	17
5:30	90	7	2	18:00	190	3	20
5:45	137	5	9	18:15	219	3	35
6:00	95	7	3	18:30	187	3	34
6:15	122	5	8	18:45	197	3	39
6:30	60	11	1	19:00	191	3	24
6:45	146	4	6	19:15	155	4	34
7:00	205	3	9	19:30	182	4	24
7:15	146	4	2	19:45	158	4	31
7:30	122	5	9	20:00	148	4	34
7:45	134	5	5	20:15	110	6	14
8:00	157	4	5	20:30	131	5	12
8:15	111	6	9	20:45	142	5	22
8:30	164	4	13	21:00	160	4	27
8:45	163	4	12	21:15	124	5	14
9:00	148	4	7	21:30	137	5	17
9:15	139	5	11	21:45	161	4	28
9:30	127	5	12	22:00	140	5	21
9:45	135	5	16	22:15	130	5	22
10:00	130	5	16	22:30	158	4	25
10:15	162	4	9	22:45	138	5	11
10:30	166	4	13	23:00	132	5	11
10:45	157	4	17	23:15	110	6	5
11:00	164	4	13	23:30	123	5	6
11:15	171	4	12	23:45	197	3	1
11:30	130	5	13				

ARID TRAVEL TIME SUMMARY



DeConcini Port of Entry

Thursday, June 18, 2015

Nogales, Arizona / Nogales, Sonora

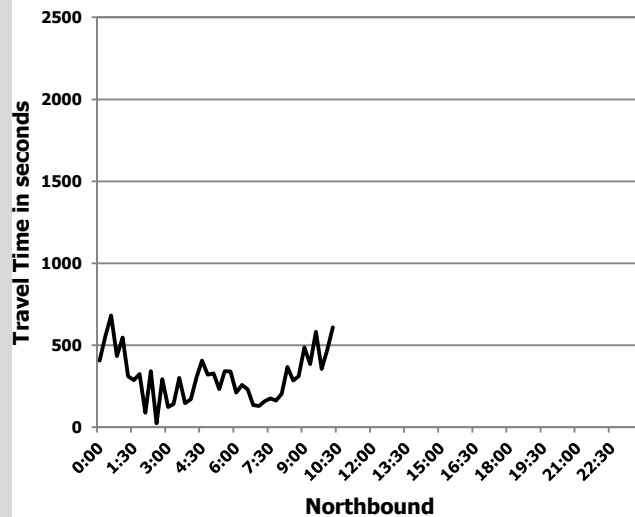
Segment Length: 0.18 miles

MX to US (3-1)

Northbound

Travel Time Samples Collected:

Entire Day	520
Hours Analyzed	11
Average Matches Per Hour	50



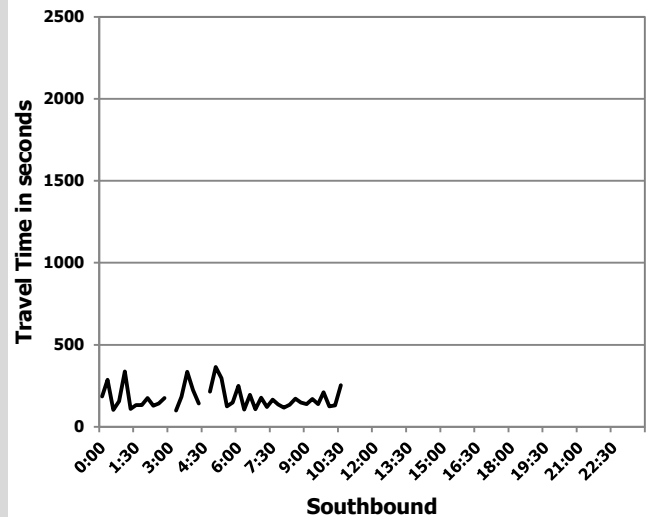
Average Travel Time (sec) 309.1

US to MX (1-3)

Southbound

Travel Time Samples Collected:

Entire Day	264
Hours Analyzed	11
Average Matches Per Hour	25



Average Travel Time (sec) 175.6

ARID TRAVEL TIME DATA

DeConcini Port of Entry, Northbound, MX to US (3-1)

Thursday, June 18, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45			
				12:00			
				12:15			
0:00	407	2	3	12:30			
0:15	556	1	11	12:45			
0:30	682	1	11	13:00			
0:45	435	1	12	13:15			
1:00	547	1	4	13:30			
1:15	311	2	5	13:45			
1:30	288	2	3	14:00			
1:45	324	2	2	14:15			
2:00	89	7	4	14:30			
2:15	342	2	5	14:45			
2:30	24	27	1	15:00			
2:45	294	2	2	15:15			
3:00	124	5	2	15:30			
3:15	141	5	5	15:45			
3:30	302	2	3	16:00			
3:45	148	4	2	16:15			
4:00	171	4	4	16:30			
4:15	305	2	4	16:45			
4:30	406	2	7	17:00			
4:45	321	2	5	17:15			
5:00	329	2	9	17:30			
5:15	234	3	9	17:45			
5:30	343	2	9	18:00			
5:45	340	2	7	18:15			
6:00	211	3	7	18:30			
6:15	258	3	6	18:45			
6:30	231	3	12	19:00			
6:45	135	5	13	19:15			
7:00	129	5	7	19:30			
7:15	159	4	8	19:45			
7:30	177	4	28	20:00			
7:45	162	4	30	20:15			
8:00	204	3	26	20:30			
8:15	367	2	25	20:45			
8:30	286	2	37	21:00			
8:45	311	2	28	21:15			
9:00	487	1	31	21:30			
9:15	385	2	30	21:45			
9:30	582	1	27	22:00			
9:45	357	2	29	22:15			
10:00	469	1	19	22:30			
10:15	609	1	28	22:45			
10:30				23:00			
10:45				23:15			
11:00				23:30			
11:15				23:45			
11:30							

ARID TRAVEL TIME DATA

DeConcini Port of Entry, Southbound, MX to US (1-3)

Thursday, June 18, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45			
				12:00			
				12:15			
0:00	186	3	7	12:30			
0:15	287	2	9	12:45			
0:30	104	6	2	13:00			
0:45	156	4	1	13:15			
1:00	338	2	9	13:30			
1:15	110	6	3	13:45			
1:30	133	5	5	14:00			
1:45	133	5	10	14:15			
2:00	176	4	2	14:30			
2:15	128	5	2	14:45			
2:30	143	5	3	15:00			
2:45	176	4	2	15:15			
3:00				15:30			
3:15	100	6	2	15:45			
3:30	184	4	9	16:00			
3:45	336	2	1	16:15			
4:00	225	3	1	16:30			
4:15	143	5	2	16:45			
4:30				17:00			
4:45	214	3	2	17:15			
5:00	364	2	1	17:30			
5:15	297	2	3	17:45			
5:30	125	5	2	18:00			
5:45	148	4	5	18:15			
6:00	249	3	4	18:30			
6:15	105	6	1	18:45			
6:30	195	3	6	19:00			
6:45	108	6	8	19:15			
7:00	177	4	12	19:30			
7:15	121	5	4	19:45			
7:30	165	4	15	20:00			
7:45	136	5	6	20:15			
8:00	117	6	5	20:30			
8:15	135	5	5	20:45			
8:30	172	4	10	21:00			
8:45	149	4	15	21:15			
9:00	139	5	12	21:30			
9:15	170	4	6	21:45			
9:30	138	5	11	22:00			
9:45	210	3	27	22:15			
10:00	124	5	16	22:30			
10:15	131	5	15	22:45			
10:30	254	3	3	23:00			
10:45				23:15			
11:00				23:30			
11:15				23:45			
11:30							

ARID TRAVEL TIME SUMMARY



DeConcini Port of Entry

June 16-18, 2015

Nogales, Arizona / Nogales, Sonora

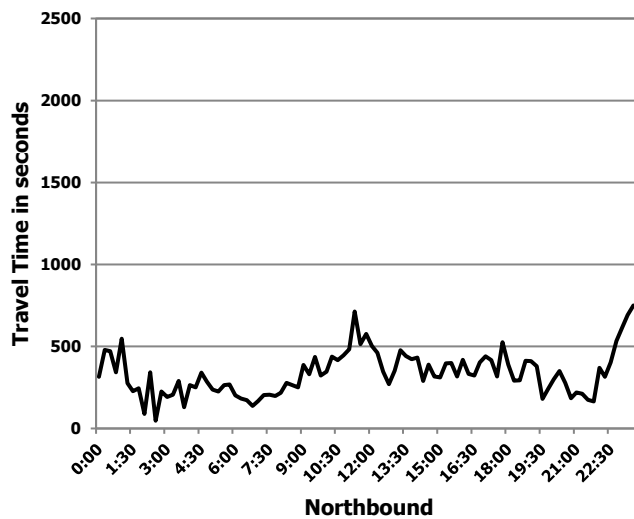
Segment Length: 0.18 miles

MX to US (3-1)

Northbound

Travel Time Samples Collected:

Three Day Period	3117
Hours Analyzed	44
Average Matches Per Hour	72



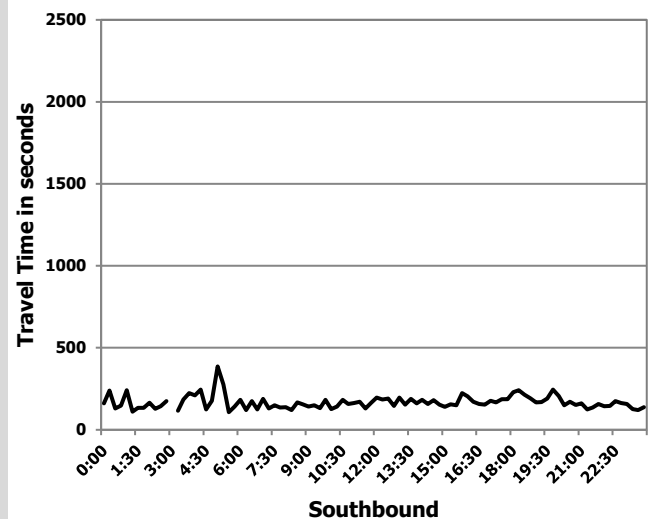
Average Travel Time (sec) 340.3

US to MX (1-3)

Southbound

Travel Time Samples Collected:

Three Day Period	2258
Hours Analyzed	44
Average Matches Per Hour	52



Average Travel Time (sec) 168.2

ARID TRAVEL TIME DATA

DeConcini Port of Entry, Northbound, MX to US (3-1)

June 16-18, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Total Sample Size (D)	A	B	C	D
				11:45	577	1	35
				12:00	503	1	30
				12:15	462	1	29
0:00	316	3	6	12:30	347	2	22
0:15	478	1	14	12:45	270	2	12
0:30	471	2	21	13:00	352	2	26
0:45	343	2	19	13:15	477	1	23
1:00	547	1	4	13:30	441	1	42
1:15	275	2	7	13:45	422	2	19
1:30	226	3	5	14:00	432	2	38
1:45	244	3	4	14:15	290	2	34
2:00	89	7	4	14:30	390	2	66
2:15	342	2	5	14:45	317	2	50
2:30	48	18	2	15:00	312	3	33
2:45	226	4	3	15:15	397	2	41
3:00	192	4	3	15:30	398	2	42
3:15	207	4	10	15:45	317	2	40
3:30	290	2	8	16:00	419	2	59
3:45	129	5	3	16:15	333	2	38
4:00	264	3	9	16:30	322	2	51
4:15	251	3	7	16:45	402	2	57
4:30	340	3	9	17:00	440	2	61
4:45	287	3	10	17:15	416	2	51
5:00	238	3	17	17:30	317	2	48
5:15	226	3	12	17:45	526	1	57
5:30	264	3	21	18:00	389	2	57
5:45	268	3	12	18:15	292	2	76
6:00	202	3	14	18:30	294	3	59
6:15	182	4	20	18:45	412	2	64
6:30	172	5	25	19:00	412	2	54
6:45	137	5	27	19:15	380	2	55
7:00	167	4	16	19:30	181	4	35
7:15	204	3	32	19:45	242	3	43
7:30	207	4	53	20:00	300	2	37
7:45	198	4	58	20:15	349	2	41
8:00	218	3	55	20:30	279	2	32
8:15	278	3	71	20:45	185	4	24
8:30	265	2	60	21:00	219	3	28
8:45	251	3	53	21:15	212	3	35
9:00	386	1	59	21:30	174	4	22
9:15	331	2	69	21:45	165	4	24
9:30	437	2	58	22:00	371	2	17
9:45	322	2	59	22:15	316	2	24
10:00	345	2	51	22:30	403	2	42
10:15	437	2	50	22:45	534	1	38
10:30	416	2	22	23:00	617	1	36
10:45	446	1	27	23:15	692	1	42
11:00	483	1	21	23:30	750	1	22
11:15	713	1	24	23:45	745	1	24
11:30	515	1	43				

ARID TRAVEL TIME DATA

DeConcini Port of Entry, Southbound, MX to US (1-3)

June 16-18, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Total Sample Size (D)	A	B	C	D
				11:45	166	4	22
				12:00	196	3	19
				12:15	185	4	18
0:00	162	4	12	12:30	190	3	24
0:15	239	3	13	12:45	145	4	18
0:30	130	5	5	13:00	196	3	16
0:45	149	4	6	13:15	153	4	14
1:00	242	3	17	13:30	188	3	22
1:15	110	6	3	13:45	162	4	19
1:30	134	5	6	14:00	182	4	29
1:45	134	5	12	14:15	158	4	29
2:00	165	4	6	14:30	180	3	29
2:15	128	5	2	14:45	154	5	32
2:30	143	5	3	15:00	140	5	27
2:45	176	4	2	15:15	155	4	30
3:00				15:30	149	4	34
3:15	116	6	4	15:45	223	3	50
3:30	185	4	16	16:00	205	3	26
3:45	224	3	4	16:15	171	4	50
4:00	210	3	2	16:30	158	4	52
4:15	245	3	6	16:45	153	4	40
4:30	124	5	1	17:00	177	4	43
4:45	177	4	3	17:15	167	4	22
5:00	387	2	4	17:30	187	3	53
5:15	276	2	8	17:45	188	3	39
5:30	108	6	4	18:00	230	3	54
5:45	141	5	14	18:15	241	3	54
6:00	183	5	7	18:30	215	3	70
6:15	120	5	9	18:45	193	3	67
6:30	176	4	7	19:00	168	4	38
6:45	124	5	14	19:15	169	4	54
7:00	189	4	21	19:30	191	3	50
7:15	129	5	6	19:45	245	3	62
7:30	149	4	24	20:00	207	3	58
7:45	135	5	11	20:15	151	4	30
8:00	137	5	10	20:30	170	4	27
8:15	120	6	14	20:45	152	5	42
8:30	167	4	23	21:00	161	4	42
8:45	155	4	27	21:15	123	5	21
9:00	142	5	19	21:30	137	5	28
9:15	150	5	17	21:45	158	4	45
9:30	132	5	23	22:00	144	5	38
9:45	182	4	43	22:15	147	5	43
10:00	127	5	32	22:30	175	4	36
10:15	143	5	24	22:45	163	4	26
10:30	183	4	16	23:00	157	5	22
10:45	157	4	17	23:15	125	5	19
11:00	164	4	13	23:30	120	6	12
11:15	171	4	12	23:45	138	5	8
11:30	130	5	13				

ARID TRAVEL TIME SUMMARY



Naco Port of Entry

Thursday, June 18, 2015

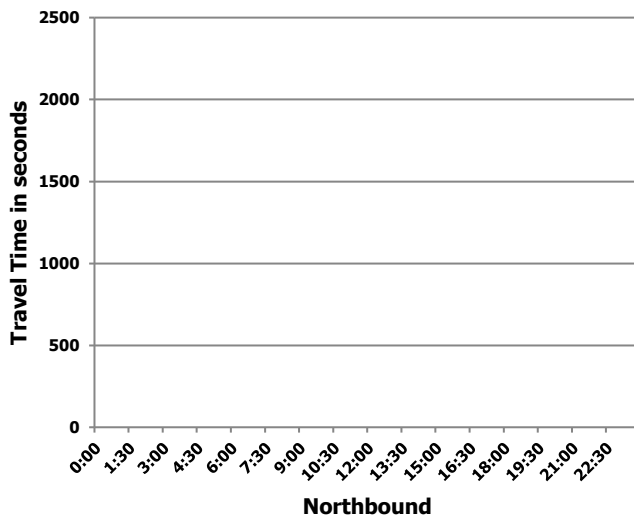
Naco, Arizona / Naco, Sonora
Segment Length: 0.17 miles

POE to US (2-1)

Northbound

Travel Time Samples Collected:

Entire Day	4
Hours Analyzed	0.75
Average Matches Per Hour	5



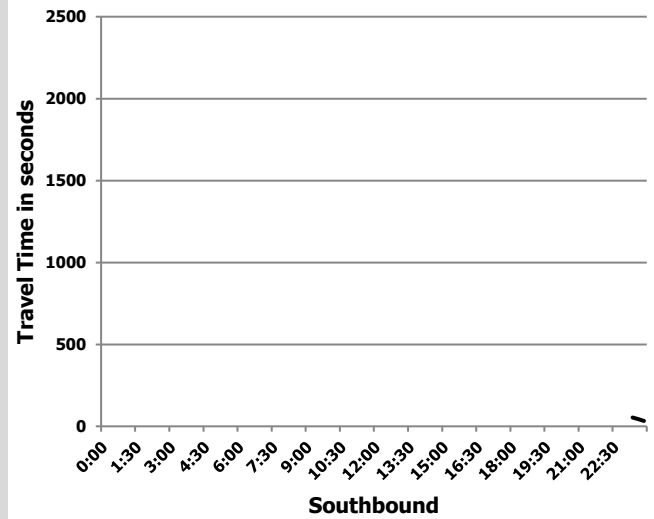
Average Travel Time (sec) 129.7

US to POE (1-2)

Southbound

Travel Time Samples Collected:

Entire Day	5
Hours Analyzed	1
Average Matches Per Hour	5



Average Travel Time (sec) 45.0

ARID TRAVEL TIME DATA

Naco Port of Entry, Northbound, POE to US (2-1)

Thursday, June 18, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45			
				12:00			
				12:15			
0:00				12:30			
0:15				12:45			
0:30				13:00			
0:45				13:15			
1:00				13:30			
1:15				13:45			
1:30				14:00			
1:45				14:15			
2:00				14:30			
2:15				14:45			
2:30				15:00			
2:45				15:15			
3:00				15:30			
3:15				15:45			
3:30				16:00			
3:45				16:15			
4:00				16:30			
4:15				16:45			
4:30				17:00			
4:45				17:15			
5:00				17:30			
5:15				17:45			
5:30				18:00			
5:45				18:15			
6:00				18:30			
6:15				18:45			
6:30				19:00			
6:45				19:15			
7:00				19:30			
7:15				19:45			
7:30				20:00			
7:45				20:15			
8:00				20:30			
8:15				20:45			
8:30				21:00			
8:45				21:15			
9:00				21:30			
9:15				21:45			
9:30				22:00			
9:45				22:15			
10:00				22:30			
10:15				22:45	280	2	1
10:30				23:00			
10:45				23:15	53	12	2
11:00				23:30			
11:15				23:45	56	11	1
11:30							

ARID TRAVEL TIME DATA

Naco Port of Entry, Southbound, POE to US (1-2)

Thursday, June 18, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45			
				12:00			
				12:15			
0:00				12:30			
0:15				12:45			
0:30				13:00			
0:45				13:15			
1:00				13:30			
1:15				13:45			
1:30				14:00			
1:45				14:15			
2:00				14:30			
2:15				14:45			
2:30				15:00			
2:45				15:15			
3:00				15:30			
3:15				15:45			
3:30				16:00			
3:45				16:15			
4:00				16:30			
4:15				16:45			
4:30				17:00			
4:45				17:15			
5:00				17:30			
5:15				17:45			
5:30				18:00			
5:45				18:15			
6:00				18:30			
6:15				18:45			
6:30				19:00			
6:45				19:15			
7:00				19:30			
7:15				19:45			
7:30				20:00			
7:45				20:15			
8:00				20:30			
8:15				20:45			
8:30				21:00			
8:45				21:15			
9:00				21:30			
9:15				21:45			
9:30				22:00			
9:45				22:15			
10:00				22:30			
10:15				22:45	48	13	1
10:30				23:00			
10:45				23:15	54	11	2
11:00				23:30	45	14	1
11:15				23:45	33	19	1
11:30							

ARID TRAVEL TIME SUMMARY



Naco Port of Entry

Friday, June 19, 2015

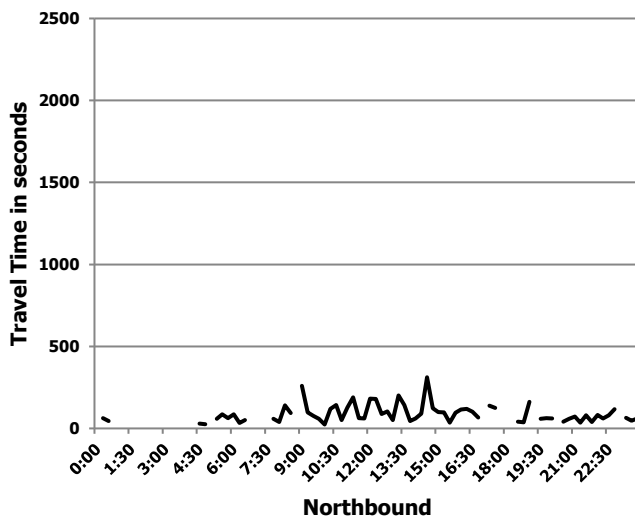
Naco, Arizona / Naco, Sonora
Segment Length: 0.17 miles

POE to US (2-1)

Northbound

Travel Time Samples Collected:

Entire Day	185
Hours Analyzed	24
Average Matches Per Hour	8



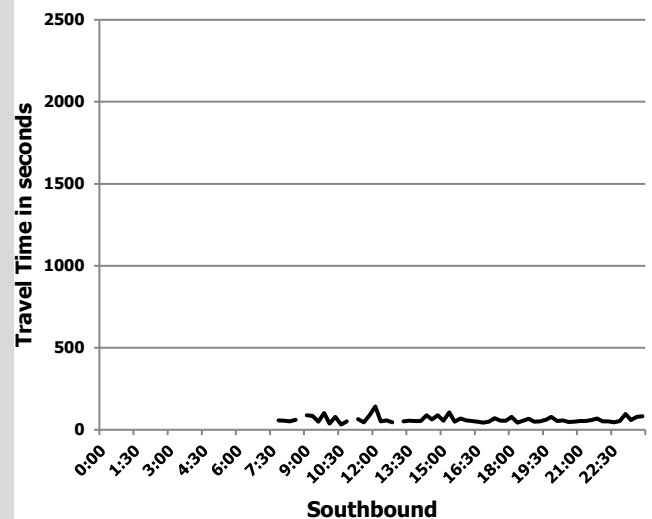
Average Travel Time (sec) 87.3

US to POE (1-2)

Southbound

Travel Time Samples Collected:

Entire Day	251
Hours Analyzed	18
Average Matches Per Hour	14



Average Travel Time (sec) 62.0

ARID TRAVEL TIME DATA

Naco Port of Entry, Northbound, POE to US (2-1)

Friday, June 19, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45	61	17	2
				12:00	182	6	3
				12:15	179	6	6
0:00				12:30	88	11	1
0:15	62	16	1	12:45	104	10	8
0:30	46	22	1	13:00	50	20	3
0:45				13:15	202	5	2
1:00				13:30	142	7	2
1:15				13:45	46	22	1
1:30				14:00	61	17	1
1:45	39	26	1	14:15	90	11	4
2:00				14:30	312	3	1
2:15				14:45	123	8	2
2:30				15:00	99	10	4
2:45				15:15	98	10	5
3:00				15:30	35	29	1
3:15				15:45	96	11	4
3:30				16:00	116	9	4
3:45	27	37	1	16:15	120	8	3
4:00				16:30	101	10	3
4:15				16:45	66	15	1
4:30	29	35	1	17:00			
4:45	26	39	1	17:15	138	7	2
5:00				17:30	126	8	4
5:15	59	17	1	17:45			
5:30	86	12	1	18:00	96	11	6
5:45	63	16	2	18:15			
6:00	87	12	2	18:30	41	25	1
6:15	33	31	1	18:45	37	27	2
6:30	51	20	1	19:00	163	6	1
6:45				19:15			
7:00	56	18	1	19:30	59	17	4
7:15				19:45	63	16	4
7:30				20:00	60	17	1
7:45	59	17	3	20:15			
8:00	39	26	2	20:30	41	25	2
8:15	141	7	2	20:45	58	17	7
8:30	93	11	1	21:00	72	14	2
8:45				21:15	36	28	3
9:00	260	4	2	21:30	81	12	2
9:15	97	10	3	21:45	39	26	1
9:30	77	13	4	22:00	82	12	6
9:45	59	17	2	22:15	60	17	1
10:00	24	42	1	22:30	81	12	2
10:15	120	8	4	22:45	118	9	3
10:30	143	7	3	23:00			
10:45	51	20	4	23:15	65	16	3
11:00	127	8	5	23:30	48	21	2
11:15	189	5	9	23:45	60	17	2
11:30	62	16	3				

ARID TRAVEL TIME DATA

Naco Port of Entry, Southbound, POE to US (1-2)

Friday, June 19, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45	88	14	3
				12:00	142	9	1
				12:15	51	24	5
0:00				12:30	57	21	3
0:15				12:45	45	27	1
0:30				13:00			
0:45				13:15	51	24	2
1:00				13:30	56	22	4
1:15				13:45	54	23	4
1:30				14:00	54	23	5
1:45				14:15	88	14	3
2:00				14:30	63	19	2
2:15				14:45	89	14	6
2:30				15:00	55	22	2
2:45				15:15	106	12	2
3:00				15:30	50	24	5
3:15				15:45	68	18	9
3:30				16:00	57	21	4
3:45				16:15	54	23	7
4:00				16:30	50	24	8
4:15				16:45	43	28	7
4:30				17:00	50	24	6
4:45				17:15	70	17	6
5:00				17:30	55	22	9
5:15				17:45	55	22	10
5:30				18:00	78	16	7
5:45				18:15	43	28	5
6:00				18:30	56	22	10
6:15				18:45	67	18	4
6:30				19:00	50	24	7
6:45	42	29	1	19:15	51	24	5
7:00				19:30	62	20	6
7:15				19:45	79	15	6
7:30				20:00	54	23	9
7:45	58	21	2	20:15	58	21	3
8:00	55	22	1	20:30	48	25	3
8:15	52	24	2	20:45	49	25	8
8:30	62	20	1	21:00	53	23	5
8:45				21:15	54	23	7
9:00	88	14	3	21:30	60	20	5
9:15	85	14	2	21:45	69	18	1
9:30	49	25	4	22:00	52	24	2
9:45	102	12	2	22:15	51	24	3
10:00	37	33	1	22:30	45	27	3
10:15	78	16	2	22:45	53	23	4
10:30	32	38	1	23:00	96	13	1
10:45	52	24	2	23:15	60	20	1
11:00				23:30	79	15	3
11:15	65	19	2	23:45	83	15	2
11:30	45	27	1				

ARID TRAVEL TIME SUMMARY



Naco Port of Entry

Saturday, June 20, 2015

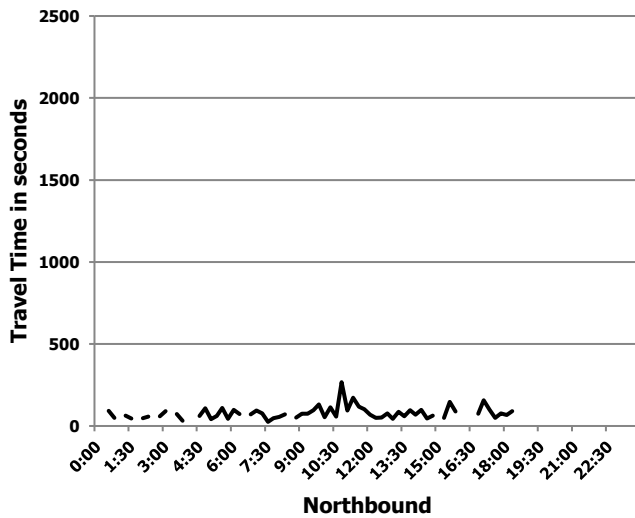
Naco, Arizona / Naco, Sonora
Segment Length: 0.17 miles

POE to US (2-1)

Northbound

Travel Time Samples Collected:

Entire Day	187
Hours Analyzed	18.5
Average Matches Per Hour	10



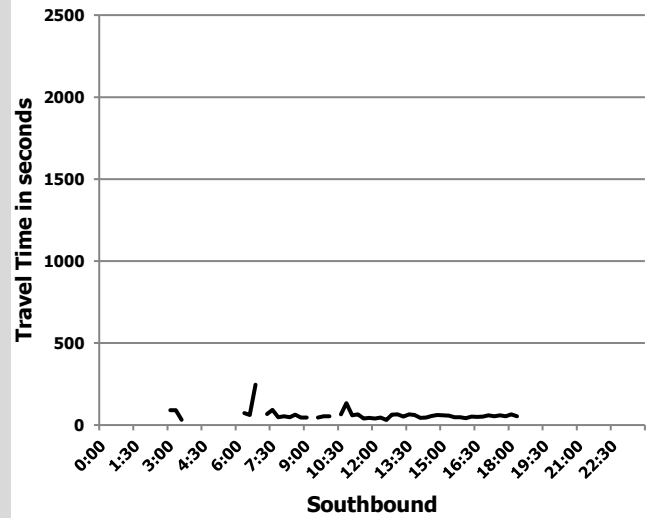
Average Travel Time (sec) 81.3

US to POE (1-2)

Southbound

Travel Time Samples Collected:

Entire Day	161
Hours Analyzed	18.5
Average Matches Per Hour	9



Average Travel Time (sec) 60.8

ARID TRAVEL TIME DATA

Naco Port of Entry, Northbound, POE to US (2-1)

Saturday, June 20, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45	103	10	5
				12:00	69	15	3
				12:15	50	20	3
0:00	51	20	2	12:30	52	19	5
0:15				12:45	77	13	2
0:30	93	11	1	13:00	44	23	5
0:45	49	21	2	13:15	86	12	9
1:00				13:30	59	17	1
1:15	63	16	1	13:45	97	10	5
1:30	45	22	1	14:00	69	15	4
1:45				14:15	98	10	7
2:00	47	21	1	14:30	46	22	4
2:15	58	17	3	14:45	63	16	3
2:30				15:00			
2:45	59	17	2	15:15	50	20	3
3:00	91	11	1	15:30	147	7	4
3:15				15:45	89	11	7
3:30	72	14	2	16:00			
3:45	31	33	1	16:15	49	21	2
4:00				16:30			
4:15				16:45	75	13	2
4:30	62	16	3	17:00	156	6	5
4:45	107	9	1	17:15	100	10	7
5:00	41	25	2	17:30	49	21	4
5:15	62	16	1	17:45	76	13	6
5:30	110	9	1	18:00	67	15	2
5:45	43	23	1	18:15	90	11	3
6:00	98	10	1	18:30			
6:15	72	14	2	18:45			
6:30				19:00			
6:45	70	14	2	19:15			
7:00	94	11	4	19:30			
7:15	76	13	3	19:45			
7:30	25	40	1	20:00			
7:45	48	21	3	20:15			
8:00	56	18	7	20:30			
8:15	70	14	3	20:45			
8:30				21:00			
8:45	51	20	4	21:15			
9:00	74	14	3	21:30			
9:15	75	13	3	21:45			
9:30	97	10	2	22:00			
9:45	131	8	1	22:15			
10:00	54	19	2	22:30			
10:15	113	9	4	22:45			
10:30	58	17	2	23:00			
10:45	267	4	1	23:15			
11:00	95	11	2	23:30			
11:15	172	6	4	23:45	260	2	1
11:30	118	9	5				

ARID TRAVEL TIME DATA

Naco Port of Entry, Southbound, POE to US (1-2)

Saturday, June 20, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45	44	28	10
				12:00	39	31	3
				12:15	46	27	3
0:00	54	23	2	12:30	31	39	1
0:15				12:45	63	19	4
0:30	47	26	2	13:00	65	19	1
0:45				13:15	51	24	3
1:00				13:30	65	19	2
1:15				13:45	61	20	1
1:30				14:00	44	28	1
1:45				14:15	45	27	6
2:00				14:30	56	22	4
2:15				14:45	62	20	4
2:30				15:00	60	20	1
2:45				15:15	57	21	5
3:00	91	13	1	15:30	48	25	6
3:15	91	13	1	15:45	47	26	5
3:30	32	38	1	16:00	41	30	5
3:45				16:15	51	24	8
4:00				16:30	50	24	4
4:15				16:45	51	24	7
4:30				17:00	60	20	1
4:45				17:15	53	23	1
5:00				17:30	60	20	1
5:15				17:45	53	23	7
5:30				18:00	65	19	6
5:45				18:15	54	23	4
6:00				18:30			
6:15	74	17	1	18:45			
6:30	61	20	4	19:00			
6:45	246	5	1	19:15			
7:00				19:30			
7:15	67	18	5	19:45			
7:30	93	13	2	20:00			
7:45	47	26	5	20:15			
8:00	54	23	3	20:30			
8:15	48	25	5	20:45			
8:30	64	19	4	21:00			
8:45	45	27	1	21:15			
9:00	46	27	1	21:30			
9:15				21:45			
9:30	46	27	2	22:00			
9:45	54	23	3	22:15			
10:00	53	23	2	22:30			
10:15				22:45			
10:30	65	19	4	23:00			
10:45	134	9	1	23:15			
11:00	59	21	1	23:30			
11:15	66	19	2	23:45			
11:30	40	31	3				

ARID TRAVEL TIME SUMMARY



Naco Port of Entry

June 18 - 20, 2015

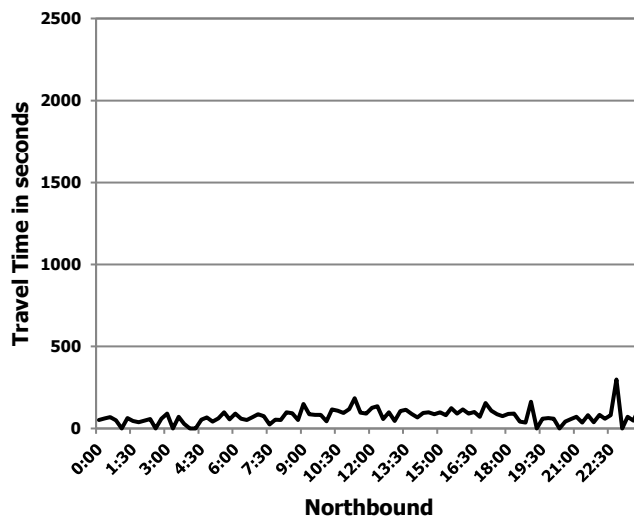
Naco, Arizona / Naco, Sonora
Segment Length: 0.17 miles

POE to US (2-1)

Northbound

Travel Time Samples Collected:

Three Day Period	376
Hours Analyzed	43
Average Matches Per Hour	9



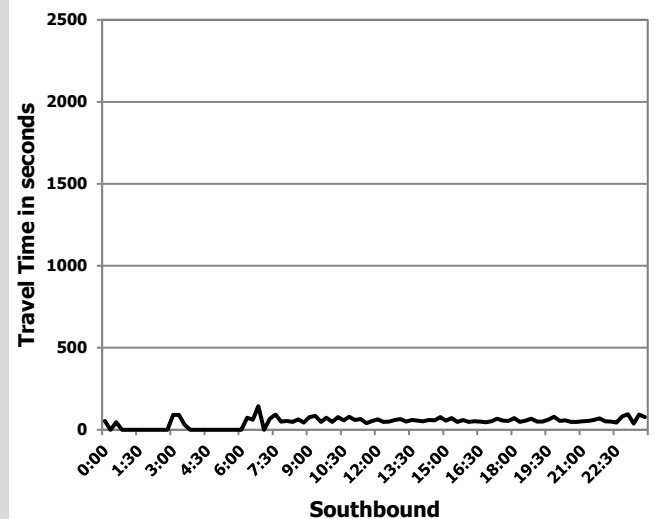
Average Travel Time (sec) 81.7

US to POE (1-2)

Southbound

Travel Time Samples Collected:

Three Day Period	417
Hours Analyzed	38
Average Matches Per Hour	11



Average Travel Time (sec) 61.5

ARID TRAVEL TIME DATA

Naco Port of Entry, Northbound, POE to US (2-1)

June 18 - 20, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Total Sample Size (D)	A	B	C	D
				11:45	91	12	7
				12:00	126	11	6
				12:15	136	11	9
0:00	51	20	2	12:30	58	18	6
0:15	62	16	1	12:45	99	11	10
0:30	70	17	2	13:00	46	22	8
0:45	49	21	2	13:15	107	11	11
1:00				13:30	114	10	3
1:15	63	16	1	13:45	89	12	6
1:30	45	22	1	14:00	67	15	5
1:45	39	26	1	14:15	95	10	11
2:00	47	21	1	14:30	99	18	5
2:15	58	17	3	14:45	87	13	5
2:30				15:00	99	10	4
2:45	59	17	2	15:15	80	14	8
3:00	91	11	1	15:30	125	11	5
3:15				15:45	92	11	11
3:30	72	14	2	16:00	116	9	4
3:45	29	35	2	16:15	92	13	5
4:00				16:30	101	10	3
4:15				16:45	72	14	3
4:30	54	21	4	17:00	156	6	5
4:45	67	24	2	17:15	108	9	9
5:00	41	25	2	17:30	88	15	8
5:15	61	17	2	17:45	76	13	6
5:30	98	11	2	18:00	89	12	8
5:45	56	18	3	18:15	90	11	3
6:00	91	11	3	18:30	41	25	1
6:15	59	20	3	18:45	37	27	2
6:30	51	20	1	19:00	163	6	1
6:45	70	14	2	19:15		0	0
7:00	86	12	5	19:30	59	17	4
7:15	76	13	3	19:45	63	16	4
7:30	25	40	1	20:00	60	17	1
7:45	54	19	6	20:15		0	0
8:00	52	20	9	20:30	41	25	2
8:15	98	11	5	20:45	58	17	7
8:30	93	11	1	21:00	72	14	2
8:45	51	20	4	21:15	36	28	3
9:00	148	10	5	21:30	81	12	2
9:15	86	12	6	21:45	39	26	1
9:30	84	12	6	22:00	82	12	6
9:45	83	14	3	22:15	60	17	1
10:00	44	27	3	22:30	81	12	2
10:15	117	9	8	22:45	299	8	4
10:30	109	11	5	23:00		0	0
10:45	94	17	5	23:15	71	17	5
11:00	118	9	7	23:30	48	21	2
11:15	184	5	13	23:45	123	15	4
11:30	97	12	8				

ARID TRAVEL TIME DATA

Naco Port of Entry, Southbound, POE to US (1-2)

June 18 - 20, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Total Sample Size (D)	A	B	C	D
				11:45	54	25	13
				12:00	65	26	4
				12:15	49	25	8
0:00	54	23	2	12:30	51	26	4
0:15				12:45	59	21	5
0:30	47	26	2	13:00	65	19	1
0:45				13:15	51	24	5
1:00				13:30	59	21	6
1:15				13:45	55	22	5
1:30				14:00	52	24	6
1:45				14:15	59	23	9
2:00				14:30	58	21	6
2:15				14:45	78	16	10
2:30				15:00	57	21	3
2:45				15:15	71	18	7
3:00	91	13	1	15:30	49	25	11
3:15	91	13	1	15:45	61	21	14
3:30	32	38	1	16:00	48	26	9
3:45				16:15	52	24	15
4:00				16:30	50	24	12
4:15				16:45	47	26	14
4:30				17:00	51	23	7
4:45				17:15	68	18	7
5:00				17:30	56	22	10
5:15				17:45	54	22	17
5:30				18:00	72	17	13
5:45				18:15	48	26	9
6:00				18:30	56	22	10
6:15	74	17	1	18:45	67	18	4
6:30	61	20	4	19:00	50	24	7
6:45	144	17	2	19:15	51	24	5
7:00				19:30	62	20	6
7:15	67	18	5	19:45	79	15	6
7:30	93	13	2	20:00	54	23	9
7:45	50	25	7	20:15	58	21	3
8:00	54	23	4	20:30	48	25	3
8:15	49	25	7	20:45	49	25	8
8:30	64	19	5	21:00	53	23	5
8:45	45	27	1	21:15	54	23	7
9:00	78	17	4	21:30	60	20	5
9:15	85	14	2	21:45	69	18	1
9:30	48	26	6	22:00	52	24	2
9:45	73	19	5	22:15	51	24	3
10:00	48	26	3	22:30	45	27	3
10:15	78	16	2	22:45	81	29	5
10:30	58	23	5	23:00	96	13	1
10:45	79	19	3	23:15	38	10	3
11:00	59	21	1	23:30	93	22	4
11:15	66	19	4	23:45	77	23	3
11:30	41	30	4				

ARID TRAVEL TIME SUMMARY

Douglas Port of Entry (US)

Thursday, June 18, 2015

Douglas, Arizona

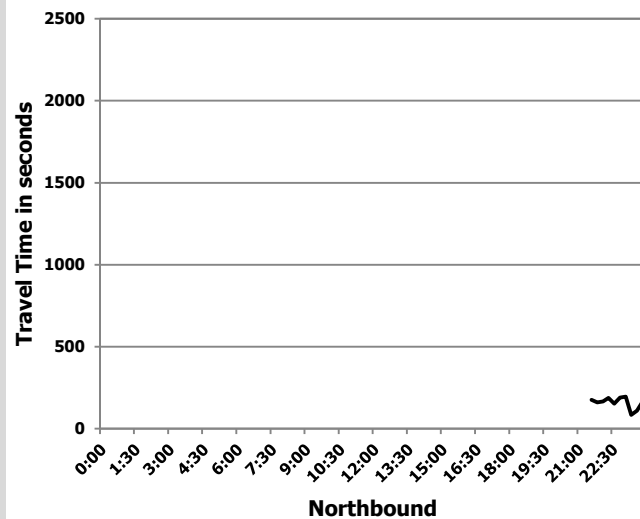
Segment Length: 0.2 miles

POE to US (2-1)

Northbound

Travel Time Samples Collected:

Entire Day	82
Hours Analyzed	2.5
Average Matches Per Hour	33



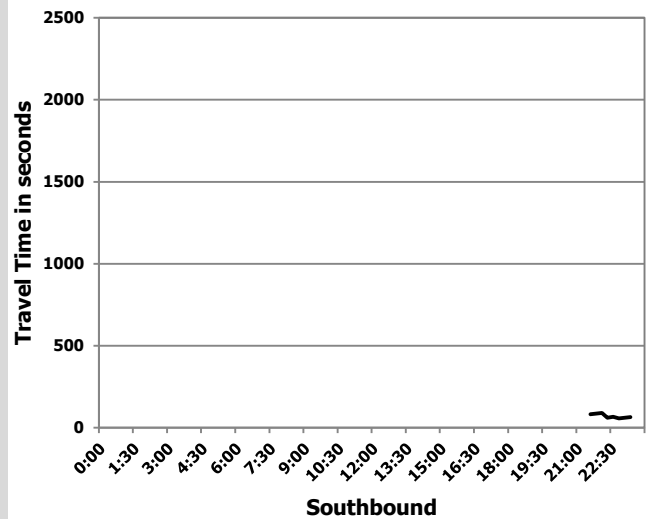
Average Travel Time (sec) 159.0

US to POE (1-2)

Southbound

Travel Time Samples Collected:

Entire Day	71
Hours Analyzed	2.5
Average Matches Per Hour	28



Average Travel Time (sec) 75.6

ARID TRAVEL TIME DATA

Douglas Port of Entry (US), Northbound, POE to US (2-1)

Thursday, June 18, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45			
				12:00			
				12:15			
0:00				12:30			
0:15				12:45			
0:30				13:00			
0:45				13:15			
1:00				13:30			
1:15				13:45			
1:30				14:00			
1:45				14:15			
2:00				14:30			
2:15				14:45			
2:30				15:00			
2:45				15:15			
3:00				15:30			
3:15				15:45			
3:30				16:00			
3:45				16:15			
4:00				16:30			
4:15				16:45			
4:30				17:00			
4:45				17:15			
5:00				17:30			
5:15				17:45			
5:30				18:00			
5:45				18:15			
6:00				18:30			
6:15				18:45			
6:30				19:00			
6:45				19:15			
7:00				19:30			
7:15				19:45			
7:30				20:00			
7:45				20:15			
8:00				20:30			
8:15				20:45			
8:30				21:00			
8:45				21:15			
9:00				21:30	177	4	14
9:15				21:45	160	5	8
9:30				22:00	167	5	12
9:45				22:15	188	4	7
10:00				22:30	152	5	12
10:15				22:45	190	4	8
10:30				23:00	196	4	7
10:45				23:15	84	9	6
11:00				23:30	110	7	4
11:15				23:45	166	5	4
11:30							

ARID TRAVEL TIME DATA

Douglas Port of Entry (US), Southbound, POE to US (1-2)

Thursday, June 18, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45			
				12:00			
				12:15			
0:00				12:30			
0:15				12:45			
0:30				13:00			
0:45				13:15			
1:00				13:30			
1:15				13:45			
1:30				14:00			
1:45				14:15			
2:00				14:30			
2:15				14:45			
2:30				15:00			
2:45				15:15			
3:00				15:30			
3:15				15:45			
3:30				16:00			
3:45				16:15			
4:00				16:30			
4:15				16:45			
4:30				17:00			
4:45				17:15			
5:00				17:30			
5:15				17:45			
5:30				18:00			
5:45				18:15			
6:00				18:30			
6:15				18:45			
6:30				19:00			
6:45				19:15			
7:00				19:30			
7:15				19:45			
7:30				20:00			
7:45				20:15			
8:00				20:30			
8:15				20:45			
8:30				21:00			
8:45				21:15			
9:00				21:30	83	9	15
9:15				21:45	87	9	17
9:30				22:00	91	8	5
9:45				22:15	61	12	11
10:00				22:30	67	11	7
10:15				22:45	58	13	5
10:30				23:00	61	12	3
10:45				23:15	66	11	4
11:00				23:30			
11:15				23:45	106	7	4
11:30							

ARID TRAVEL TIME SUMMARY



Douglas Port of Entry (US)

Friday, June 19, 2015

Douglas, Arizona

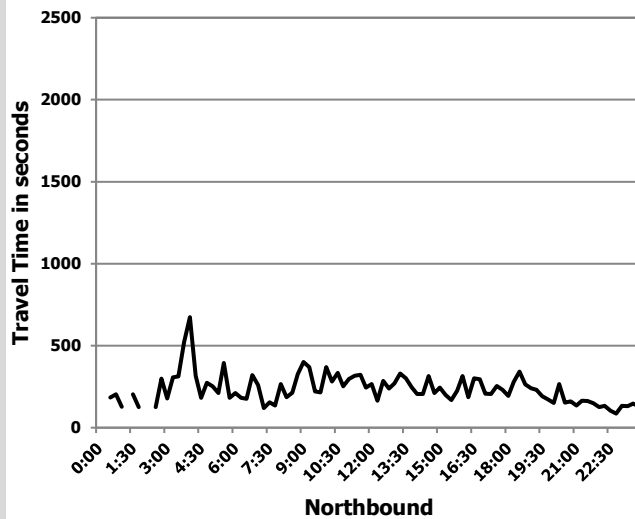
Segment Length: 0.2 miles

POE to US (2-1)

Northbound

Travel Time Samples Collected:

Entire Day	1223
Hours Analyzed	24
Average Matches Per Hour	51



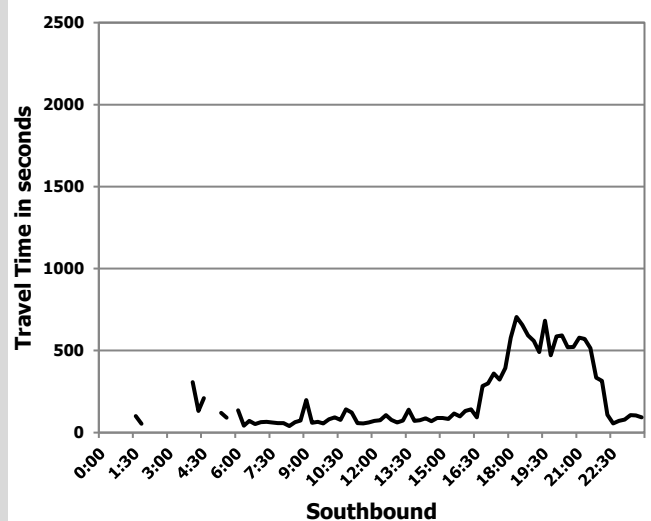
Average Travel Time (sec) 236.5

US to POE (1-2)

Southbound

Travel Time Samples Collected:

Entire Day	1545
Hours Analyzed	24
Average Matches Per Hour	64



Average Travel Time (sec) 200.0

ARID TRAVEL TIME DATA

Douglas Port of Entry (US), Northbound, POE to US (2-1)

Friday, June 19, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45	245	3	17
				12:00	265	3	29
				12:15	165	5	10
0:00	394	2	1	12:30	286	3	33
0:15				12:45	239	3	16
0:30	184	4	3	13:00	269	3	16
0:45	204	4	3	13:15	331	2	16
1:00	128	6	1	13:30	301	3	21
1:15				13:45	247	3	22
1:30	203	4	2	14:00	205	4	18
1:45	125	6	2	14:15	205	4	24
2:00				14:30	314	2	20
2:15				14:45	211	4	23
2:30	125	6	1	15:00	245	3	21
2:45	300	3	1	15:15	200	4	27
3:00	179	4	2	15:30	168	4	17
3:15	307	2	5	15:45	225	3	22
3:30	313	2	9	16:00	314	2	28
3:45	524	1	15	16:15	186	4	17
4:00	674	1	12	16:30	302	3	16
4:15	317	2	4	16:45	295	3	20
4:30	182	4	3	17:00	207	4	18
4:45	273	3	4	17:15	206	4	13
5:00	252	3	7	17:30	254	3	17
5:15	212	4	1	17:45	230	3	13
5:30	394	2	3	18:00	193	4	15
5:45	182	4	6	18:15	279	3	10
6:00	211	4	4	18:30	342	2	17
6:15	182	4	4	18:45	264	3	19
6:30	176	4	9	19:00	240	3	18
6:45	320	2	8	19:15	230	3	7
7:00	260	3	18	19:30	191	4	12
7:15	119	6	5	19:45	172	4	14
7:30	154	5	11	20:00	150	5	9
7:45	135	6	9	20:15	265	3	13
8:00	265	3	24	20:30	152	5	10
8:15	185	4	8	20:45	161	5	12
8:30	214	4	17	21:00	136	6	11
8:45	326	2	11	21:15	164	5	17
9:00	400	2	21	21:30	162	5	12
9:15	369	2	22	21:45	148	5	14
9:30	221	3	15	22:00	126	6	15
9:45	216	3	21	22:15	133	6	5
10:00	370	2	22	22:30	104	7	10
10:15	281	3	16	22:45	86	9	7
10:30	334	2	15	23:00	133	6	11
10:45	253	3	28	23:15	131	6	15
11:00	297	3	22	23:30	147	5	10
11:15	317	2	21	23:45	130	6	10
11:30	323	2	20				

ARID TRAVEL TIME DATA

Douglas Port of Entry (US), Southbound, POE to US (1-2)

Friday, June 19, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45	61	12	14
				12:00	71	11	11
				12:15	75	10	9
0:00	60	13	3	12:30	107	7	15
0:15				12:45	78	10	13
0:30	86	9	1	13:00	61	12	14
0:45				13:15	74	10	13
1:00	77	10	2	13:30	140	5	16
1:15				13:45	72	11	21
1:30	101	7	1	14:00	75	10	11
1:45	54	14	1	14:15	87	9	18
2:00				14:30	69	11	15
2:15				14:45	89	8	17
2:30				15:00	90	8	18
2:45				15:15	84	9	24
3:00				15:30	117	6	18
3:15				15:45	99	8	32
3:30				16:00	132	6	18
3:45				16:15	141	5	28
4:00	307	2	1	16:30	92	8	20
4:15	132	6	2	16:45	284	3	27
4:30	210	4	1	17:00	300	3	26
4:45				17:15	360	2	41
5:00				17:30	324	2	46
5:15	120	6	1	17:45	393	2	34
5:30	91	8	1	18:00	579	1	34
5:45				18:15	705	1	38
6:00	136	6	3	18:30	656	1	42
6:15	43	18	1	18:45	593	1	49
6:30	72	11	5	19:00	560	1	66
6:45	52	15	4	19:15	491	2	52
7:00	63	12	1	19:30	683	1	47
7:15	66	11	5	19:45	471	2	60
7:30	61	12	3	20:00	586	1	47
7:45	57	13	6	20:15	592	1	55
8:00	57	13	9	20:30	521	1	40
8:15	40	19	2	20:45	523	1	57
8:30	63	12	12	21:00	579	1	49
8:45	74	10	7	21:15	572	1	51
9:00	199	4	25	21:30	514	1	29
9:15	59	13	9	21:45	335	2	34
9:30	65	12	12	22:00	316	2	20
9:45	55	14	11	22:15	108	7	12
10:00	81	9	8	22:30	55	14	7
10:15	92	8	16	22:45	72	11	8
10:30	77	10	5	23:00	80	9	1
10:45	142	5	12	23:15	107	7	8
11:00	123	6	18	23:30	105	7	7
11:15	57	13	15	23:45	93	8	1
11:30	55	14	9				

ARID TRAVEL TIME SUMMARY



Douglas Port of Entry (US)

Saturday, June 20, 2015

Douglas, Arizona

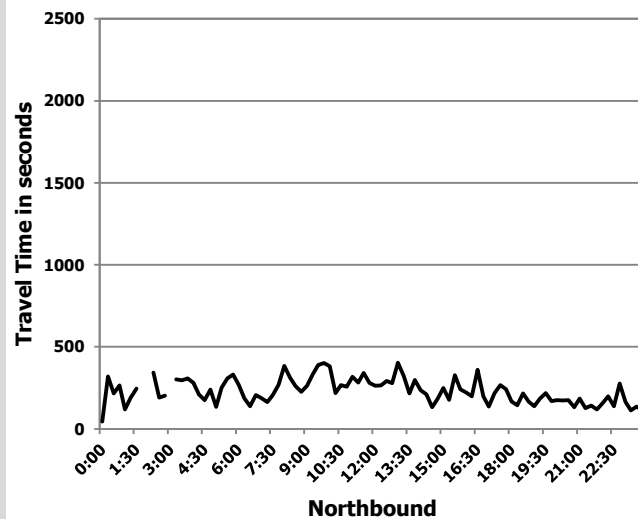
Segment Length: 0.2 miles

POE to US (2-1)

Northbound

Travel Time Samples Collected:

Entire Day	1324
Hours Analyzed	24
Average Matches Per Hour	55



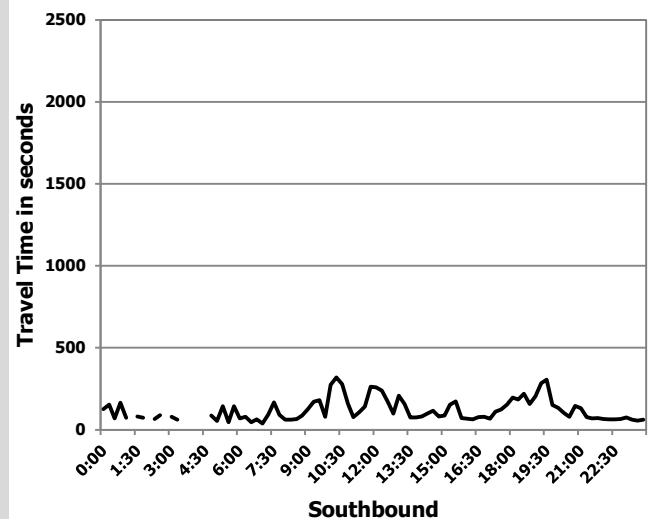
Average Travel Time (sec) 229.6

US to POE (1-2)

Southbound

Travel Time Samples Collected:

Entire Day	1373
Hours Analyzed	24
Average Matches Per Hour	57



Average Travel Time (sec) 118.8

ARID TRAVEL TIME DATA

Douglas Port of Entry (US), Northbound, POE to US (2-1)

Saturday, June 20, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45	281	3	23
				12:00	263	3	13
				12:15	265	3	22
0:00	44	17	2	12:30	292	3	32
0:15	320	2	3	12:45	279	3	22
0:30	216	3	4	13:00	404	2	16
0:45	264	3	2	13:15	324	2	24
1:00	118	6	5	13:30	215	4	27
1:15	190	4	1	13:45	298	3	28
1:30	246	3	3	14:00	236	3	14
1:45				14:15	210	4	33
2:00				14:30	131	6	20
2:15	343	2	4	14:45	182	4	17
2:30	190	4	3	15:00	249	3	26
2:45	202	4	1	15:15	176	4	30
3:00				15:30	328	2	25
3:15	301	3	1	15:45	241	3	23
3:30	296	3	9	16:00	222	3	22
3:45	308	2	4	16:15	198	4	23
4:00	280	3	5	16:30	361	2	18
4:15	209	4	6	16:45	199	4	22
4:30	174	4	1	17:00	135	6	17
4:45	240	3	5	17:15	218	3	14
5:00	134	6	3	17:30	267	3	28
5:15	251	3	8	17:45	242	3	25
5:30	308	2	3	18:00	167	5	12
5:45	331	2	8	18:15	144	5	20
6:00	266	3	3	18:30	216	3	13
6:15	186	4	10	18:45	165	5	20
6:30	137	6	3	19:00	137	6	17
6:45	206	4	7	19:15	184	4	20
7:00	187	4	3	19:30	218	3	14
7:15	163	5	13	19:45	168	4	29
7:30	206	4	14	20:00	175	4	18
7:45	268	3	6	20:15	172	4	17
8:00	383	2	14	20:30	175	4	13
8:15	311	2	16	20:45	132	6	12
8:30	261	3	27	21:00	185	4	8
8:45	226	3	14	21:15	127	6	15
9:00	263	3	15	21:30	142	5	12
9:15	333	2	13	21:45	119	6	9
9:30	389	2	16	22:00	158	5	4
9:45	401	2	14	22:15	199	4	11
10:00	382	2	23	22:30	138	5	5
10:15	218	3	17	22:45	277	3	7
10:30	267	3	21	23:00	166	5	14
10:45	256	3	28	23:15	112	7	9
11:00	317	2	24	23:30	135	6	13
11:15	283	3	25	23:45	112	7	20
11:30	341	2	21				

ARID TRAVEL TIME DATA

Douglas Port of Entry (US), Southbound, POE to US (1-2)

Saturday, June 20, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45	262	3	14
				12:00	259	3	22
				12:15	239	3	29
0:00	127	6	8	12:30	174	4	20
0:15	153	5	5	12:45	98	8	15
0:30	69	11	4	13:00	208	4	31
0:45	165	5	2	13:15	157	5	23
1:00	73	10	1	13:30	75	10	23
1:15				13:45	75	10	22
1:30	81	9	4	14:00	81	9	21
1:45	74	10	2	14:15	98	8	16
2:00				14:30	117	6	16
2:15	66	11	1	14:45	81	9	22
2:30	89	8	2	15:00	88	9	27
2:45				15:15	154	5	19
3:00	79	10	6	15:30	174	4	36
3:15	61	12	1	15:45	72	11	20
3:30				16:00	68	11	20
3:45	40	19	1	16:15	64	12	15
4:00				16:30	78	10	17
4:15				16:45	80	9	14
4:30				17:00	68	11	17
4:45	87	9	3	17:15	110	7	27
5:00	55	14	3	17:30	125	6	25
5:15	144	5	3	17:45	153	5	20
5:30	46	16	3	18:00	197	4	22
5:45	144	5	4	18:15	184	4	32
6:00	69	11	3	18:30	220	3	39
6:15	79	10	5	18:45	158	5	33
6:30	47	16	4	19:00	204	4	38
6:45	63	12	6	19:15	285	3	34
7:00	38	20	1	19:30	305	2	45
7:15	94	8	6	19:45	151	5	34
7:30	168	4	3	20:00	134	6	19
7:45	91	8	12	20:15	102	7	25
8:00	62	12	8	20:30	79	10	26
8:15	61	12	6	20:45	145	5	15
8:30	66	11	12	21:00	132	6	14
8:45	87	9	12	21:15	77	10	15
9:00	126	6	13	21:30	69	11	12
9:15	172	4	17	21:45	71	11	24
9:30	180	4	25	22:00	65	12	12
9:45	80	9	11	22:15	63	12	3
10:00	275	3	15	22:30	63	12	5
10:15	320	2	30	22:45	66	11	14
10:30	278	3	27	23:00	75	10	2
10:45	159	5	30	23:15	61	12	8
11:00	78	10	21	23:30	56	14	6
11:15	106	7	14	23:45	61	12	7
11:30	141	5	24				

ARID TRAVEL TIME SUMMARY



Douglas Port of Entry (US)

Sunday, June 21, 2015

Douglas, Arizona

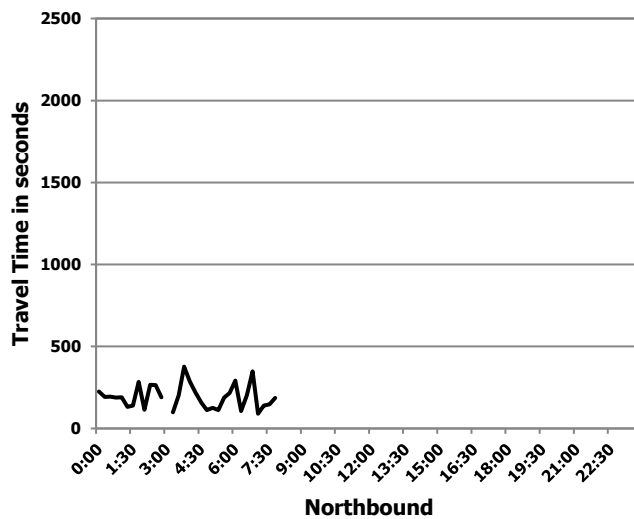
Segment Length: 0.2 miles

POE to US (2-1)

Northbound

Travel Time Samples Collected:

Entire Day	150
Hours Analyzed	8
Average Matches Per Hour	19



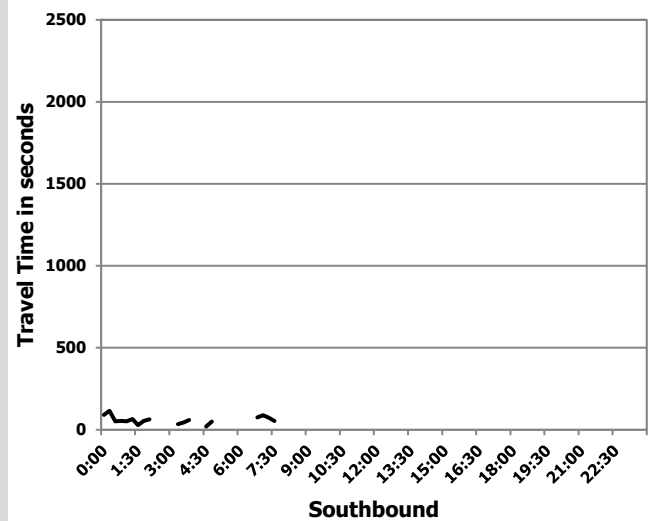
Average Travel Time (sec) 193.2

US to POE (1-2)

Southbound

Travel Time Samples Collected:

Entire Day	50
Hours Analyzed	8
Average Matches Per Hour	6



Average Travel Time (sec) 60.0

ARID TRAVEL TIME DATA

Douglas Port of Entry (US), Northbound, POE to US (2-1)

Sunday, June 21, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45			
				12:00			
				12:15			
0:00	226	3	11	12:30			
0:15	193	4	6	12:45			
0:30	195	4	3	13:00			
0:45	189	4	6	13:15			
1:00	191	4	6	13:30			
1:15	131	6	7	13:45			
1:30	140	5	6	14:00			
1:45	284	3	1	14:15			
2:00	115	7	2	14:30			
2:15	267	3	4	14:45			
2:30	264	3	8	15:00			
2:45	190	4	5	15:15			
3:00				15:30			
3:15	98	8	4	15:45			
3:30	202	4	6	16:00			
3:45	377	2	1	16:15			
4:00	285	3	5	16:30			
4:15	217	3	3	16:45			
4:30	158	5	2	17:00			
4:45	113	7	6	17:15			
5:00	126	6	3	17:30			
5:15	113	7	5	17:45			
5:30	189	4	3	18:00			
5:45	215	4	8	18:15			
6:00	292	3	3	18:30			
6:15	107	7	3	18:45			
6:30	201	4	5	19:00			
6:45	348	2	3	19:15			
7:00	90	8	4	19:30			
7:15	139	5	13	19:45			
7:30	148	5	7	20:00			
7:45	187	4	1	20:15			
8:00				20:30			
8:15				20:45			
8:30				21:00			
8:45				21:15			
9:00				21:30			
9:15				21:45			
9:30				22:00			
9:45				22:15			
10:00				22:30			
10:15				22:45			
10:30				23:00			
10:45				23:15			
11:00				23:30			
11:15				23:45			
11:30							

ARID TRAVEL TIME DATA

Douglas Port of Entry (US), Southbound, POE to US (1-2)

Sunday, June 21, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45			
				12:00			
				12:15			
0:00	92	8	1	12:30			
0:15	116	7	1	12:45			
0:30	52	15	6	13:00			
0:45	54	14	4	13:15			
1:00	52	15	3	13:30			
1:15	66	11	2	13:45			
1:30	28	27	2	14:00			
1:45	55	14	1	14:15			
2:00	63	12	2	14:30			
2:15				14:45			
2:30				15:00			
2:45	96	8	1	15:15			
3:00				15:30			
3:15	35	22	1	15:45			
3:30	45	17	1	16:00			
3:45	59	13	1	16:15			
4:00				16:30			
4:15				16:45			
4:30	20	38	1	17:00			
4:45	50	15	1	17:15			
5:00				17:30			
5:15	41	18	3	17:45			
5:30				18:00			
5:45	44	17	1	18:15			
6:00				18:30			
6:15				18:45			
6:30				19:00			
6:45	75	10	4	19:15			
7:00	89	8	7	19:30			
7:15	74	10	3	19:45			
7:30	54	14	4	20:00			
7:45				20:15			
8:00				20:30			
8:15				20:45			
8:30				21:00			
8:45				21:15			
9:00				21:30			
9:15				21:45			
9:30				22:00			
9:45				22:15			
10:00				22:30			
10:15				22:45			
10:30				23:00			
10:45				23:15			
11:00				23:30			
11:15				23:45			
11:30							

ARID TRAVEL TIME SUMMARY



Douglas Port of Entry (US)

June 18 - 21, 2015

Douglas, Arizona

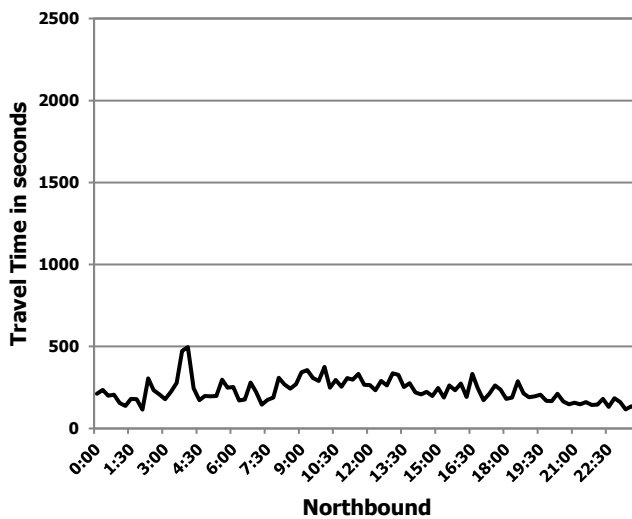
Segment Length: 0.2 miles

POE to US (2-1)

Northbound

Travel Time Samples Collected:

Four Day Period	2779
Hours Analyzed	58.5
Average Matches Per Hour	48



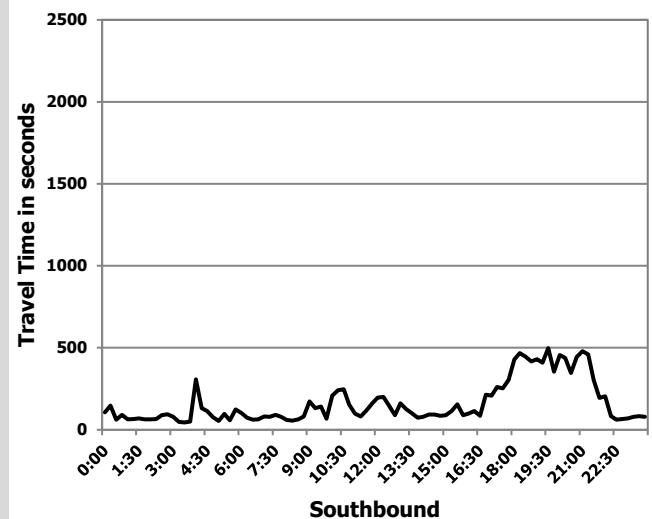
Average Travel Time (sec) 229.2

US to POE (1-2)

Southbound

Travel Time Samples Collected:

Four Day Period	3039
Hours Analyzed	58.5
Average Matches Per Hour	52



Average Travel Time (sec) 162.7

ARID TRAVEL TIME DATA

Douglas Port of Entry (US), Northbound, POE to US (2-1)

June 18 - 21, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Total Sample Size (D)	A	B	C	D
				11:45	266	3	40
				12:00	264	3	42
				12:15	234	4	32
0:00	212	5	14	12:30	289	3	65
0:15	235	3	9	12:45	262	3	38
0:30	200	4	10	13:00	337	3	32
0:45	207	4	11	13:15	327	2	40
1:00	155	5	12	13:30	253	4	48
1:15	138	6	8	13:45	276	3	50
1:30	180	4	11	14:00	219	4	32
1:45	178	5	3	14:15	208	4	57
2:00	115	7	2	14:30	223	4	40
2:15	305	3	8	14:45	199	4	40
2:30	234	4	12	15:00	247	3	47
2:45	207	4	7	15:15	187	4	57
3:00	179	4	2	15:30	263	3	42
3:15	223	5	10	15:45	233	3	45
3:30	279	3	24	16:00	274	2	50
3:45	473	1	20	16:15	193	4	40
4:00	496	2	22	16:30	333	2	34
4:15	244	3	13	16:45	245	4	42
4:30	173	4	6	17:00	172	5	35
4:45	198	5	15	17:15	212	3	27
5:00	196	4	13	17:30	262	3	45
5:15	199	5	14	17:45	238	3	38
5:30	297	3	9	18:00	181	4	27
5:45	248	3	22	18:15	189	4	30
6:00	252	3	10	18:30	287	2	30
6:15	171	5	17	18:45	213	4	39
6:30	176	4	17	19:00	190	4	35
6:45	280	3	18	19:15	196	4	27
7:00	224	4	25	19:30	206	3	26
7:15	146	5	31	19:45	169	4	43
7:30	175	5	32	20:00	167	4	27
7:45	188	5	16	20:15	212	4	30
8:00	308	3	38	20:30	165	4	23
8:15	269	3	24	20:45	147	6	24
8:30	243	3	44	21:00	157	5	19
8:45	270	3	25	21:15	147	5	32
9:00	343	2	36	21:30	161	5	38
9:15	356	2	35	21:45	143	5	31
9:30	308	2	31	22:00	146	5	31
9:45	290	3	35	22:15	181	4	23
10:00	376	2	45	22:30	132	6	27
10:15	249	3	33	22:45	185	5	22
10:30	295	3	36	23:00	161	5	32
10:45	255	3	56	23:15	116	7	30
11:00	307	2	46	23:30	136	6	27
11:15	299	3	46	23:45	124	6	34
11:30	332	2	41				

ARID TRAVEL TIME DATA

Douglas Port of Entry (US), Southbound, POE to US (1-2)

June 18 - 21, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Total Sample Size (D)	A	B	C	D
				11:45	162	8	28
				12:00	196	6	33
				12:15	200	5	38
0:00	107	8	12	12:30	145	5	35
0:15	147	5	6	12:45	89	9	28
0:30	61	13	11	13:00	162	6	45
0:45	91	11	6	13:15	127	7	36
1:00	64	13	6	13:30	102	8	39
1:15	66	11	2	13:45	74	10	43
1:30	69	14	7	14:00	79	9	32
1:45	64	12	4	14:15	92	9	34
2:00	63	12	2	14:30	94	8	31
2:15	66	11	1	14:45	84	9	39
2:30	89	8	2	15:00	89	9	45
2:45	96	8	1	15:15	115	7	43
3:00	79	10	6	15:30	155	5	54
3:15	48	17	2	15:45	89	9	52
3:30	45	17	1	16:00	98	9	38
3:45	50	16	2	16:15	114	7	43
4:00	307	2	1	16:30	86	9	37
4:15	132	6	2	16:45	214	5	41
4:30	115	21	2	17:00	208	6	43
4:45	78	11	4	17:15	261	4	68
5:00	55	14	3	17:30	254	3	71
5:15	96	11	7	17:45	304	3	54
5:30	57	14	4	18:00	429	2	56
5:45	124	7	5	18:15	467	2	70
6:00	103	9	6	18:30	446	2	81
6:15	73	11	6	18:45	418	3	82
6:30	61	13	9	19:00	430	2	104
6:45	63	12	14	19:15	410	2	86
7:00	80	10	9	19:30	498	1	92
7:15	80	10	14	19:45	355	3	94
7:30	90	10	10	20:00	456	2	66
7:45	80	10	18	20:15	439	3	80
8:00	59	13	17	20:30	347	5	66
8:15	56	14	8	20:45	444	2	72
8:30	65	12	24	21:00	480	2	63
8:45	82	9	19	21:15	460	3	66
9:00	174	5	38	21:30	303	5	56
9:15	133	7	26	21:45	194	6	75
9:30	143	7	37	22:00	204	6	37
9:45	68	12	22	22:15	83	10	26
10:00	208	5	23	22:30	62	12	19
10:15	241	4	46	22:45	66	11	27
10:30	247	4	32	23:00	69	11	6
10:45	154	5	42	23:15	80	10	20
11:00	99	8	39	23:30	82	10	13
11:15	81	10	29	23:45	79	10	12
11:30	118	7	33				

ARID TRAVEL TIME SUMMARY



Douglas Port of Entry (MEX)

Thursday, June 18, 2015

Agua Prieta, Sonora

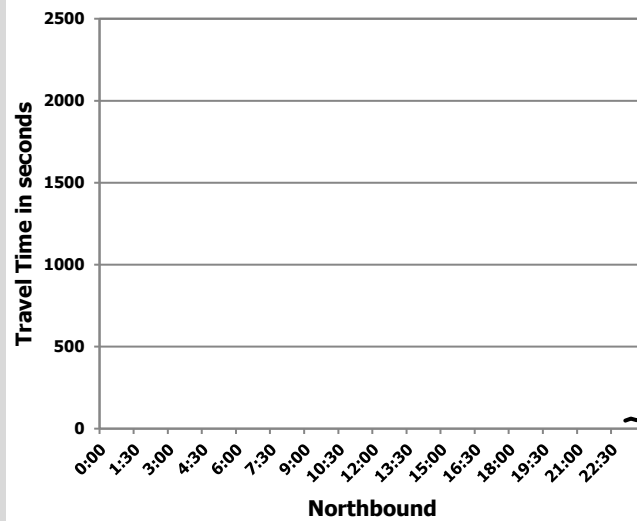
Segment Length: 0.2 miles

MX to POE (3-2)

Northbound

Travel Time Samples Collected:

Entire Day	20
Hours Analyzed	1
Average Matches Per Hour	20



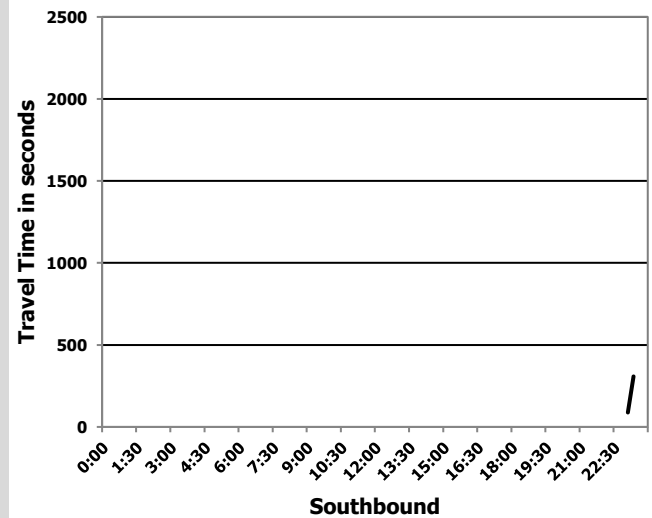
Average Travel Time (sec) 56.8

POE to MX (2-3)

Southbound

Travel Time Samples Collected:

Four Day Period	4
Hours Analyzed	1
Average Matches Per Hour	4



Average Travel Time (sec) 198.0

ARID TRAVEL TIME DATA

Douglas Port of Entry (MEX), Northbound, MX to POE (3-2)

Thursday, June 18, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45			
				12:00			
				12:15			
0:00				12:30			
0:15				12:45			
0:30				13:00			
0:45				13:15			
1:00				13:30			
1:15				13:45			
1:30				14:00			
1:45				14:15			
2:00				14:30			
2:15				14:45			
2:30				15:00			
2:45				15:15			
3:00				15:30			
3:15				15:45			
3:30				16:00			
3:45				16:15			
4:00				16:30			
4:15				16:45			
4:30				17:00			
4:45				17:15			
5:00				17:30			
5:15				17:45			
5:30				18:00			
5:45				18:15			
6:00				18:30			
6:15				18:45			
6:30				19:00			
6:45				19:15			
7:00				19:30			
7:15				19:45			
7:30				20:00			
7:45				20:15			
8:00				20:30			
8:15				20:45			
8:30				21:00			
8:45				21:15			
9:00				21:30			
9:15				21:45			
9:30				22:00			
9:45				22:15			
10:00				22:30			
10:15				22:45			
10:30				23:00	49	14	5
10:45				23:15	62	11	6
11:00				23:30	52	13	6
11:15				23:45	64	11	3
11:30							

ARID TRAVEL TIME DATA

Douglas Port of Entry (MEX), Southbound, MX to POE (2-3)

Thursday, June 18, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45			
				12:00			
				12:15			
0:00				12:30			
0:15				12:45			
0:30				13:00			
0:45				13:15			
1:00				13:30			
1:15				13:45			
1:30				14:00			
1:45				14:15			
2:00				14:30			
2:15				14:45			
2:30				15:00			
2:45				15:15			
3:00				15:30			
3:15				15:45			
3:30				16:00			
3:45				16:15			
4:00				16:30			
4:15				16:45			
4:30				17:00			
4:45				17:15			
5:00				17:30			
5:15				17:45			
5:30				18:00			
5:45				18:15			
6:00				18:30			
6:15				18:45			
6:30				19:00			
6:45				19:15			
7:00				19:30			
7:15				19:45			
7:30				20:00			
7:45				20:15			
8:00				20:30			
8:15				20:45			
8:30				21:00			
8:45				21:15			
9:00				21:30			
9:15				21:45			
9:30				22:00			
9:45				22:15			
10:00				22:30			
10:15				22:45			
10:30				23:00	88	8	1
10:45				23:15	308	2	3
11:00				23:30			
11:15				23:45			
11:30							

ARID TRAVEL TIME SUMMARY



Douglas Port of Entry (MEX)

Friday, June 19, 2015

Agua Prieta, Sonora

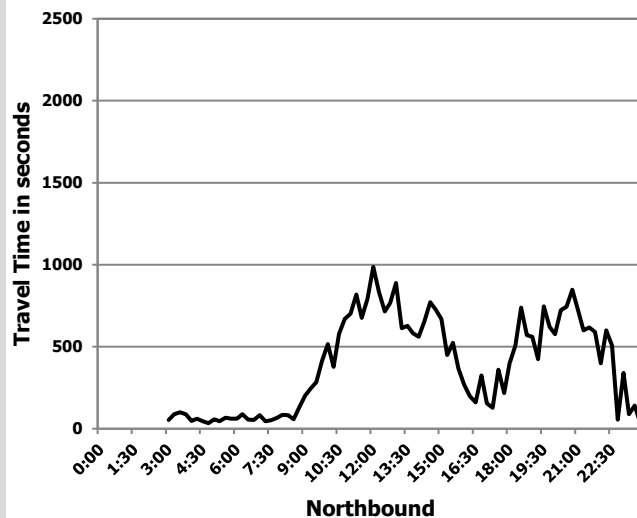
Segment Length: 0.2 miles

MX to POE (3-2)

Northbound

Travel Time Samples Collected:

Entire Day	1178
Hours Analyzed	24
Average Matches Per Hour	49



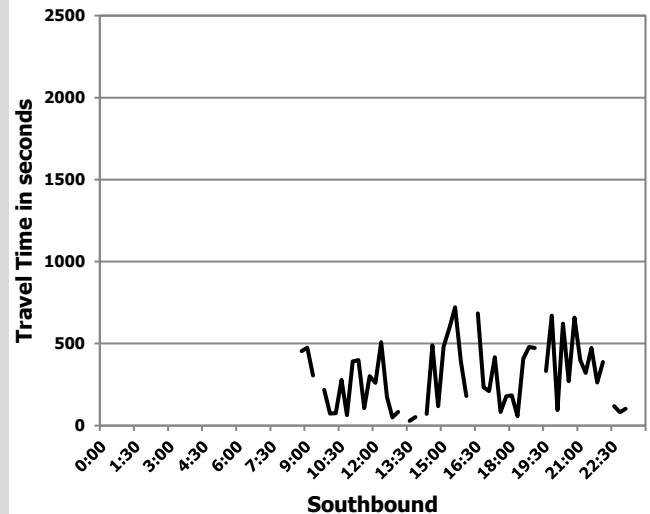
Average Travel Time (sec) 381.0

POE to MX (2-3)

Southbound

Travel Time Samples Collected:

Four Day Period	98
Hours Analyzed	24
Average Matches Per Hour	4



Average Travel Time (sec) 307.1

ARID TRAVEL TIME DATA

Douglas Port of Entry (MEX), Northbound, MX to POE (3-2)

Friday, June 19, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45	793	1	36
				12:00	987	1	29
				12:15	833	1	26
0:00	64	11	1	12:30	715	1	45
0:15				12:45	767	1	36
0:30				13:00	889	1	23
0:45				13:15	614	1	41
1:00				13:30	628	1	20
1:15				13:45	582	1	17
1:30				14:00	560	1	18
1:45				14:15	657	1	17
2:00				14:30	772	1	13
2:15				14:45	726	1	18
2:30	104	7	2	15:00	668	1	25
2:45				15:15	450	2	16
3:00	53	13	2	15:30	523	1	15
3:15	88	8	2	15:45	367	2	25
3:30	101	7	7	16:00	268	3	7
3:45	89	8	5	16:15	198	3	13
4:00	47	15	3	16:30	161	4	15
4:15	62	11	5	16:45	325	2	14
4:30	45	15	1	17:00	155	4	17
4:45	33	21	2	17:15	127	5	13
5:00	58	12	5	17:30	360	2	9
5:15	45	15	5	17:45	217	3	6
5:30	67	10	2	18:00	398	2	10
5:45	62	11	3	18:15	507	1	12
6:00	62	11	6	18:30	739	1	17
6:15	89	8	5	18:45	570	1	28
6:30	56	12	9	19:00	560	1	18
6:45	53	13	5	19:15	424	2	10
7:00	83	8	10	19:30	747	1	29
7:15	46	15	10	19:45	622	1	19
7:30	52	13	8	20:00	577	1	10
7:45	66	10	7	20:15	723	1	9
8:00	85	8	10	20:30	744	1	17
8:15	83	8	6	20:45	847	1	24
8:30	57	12	8	21:00	728	1	18
8:45	131	5	16	21:15	600	1	12
9:00	201	3	7	21:30	618	1	10
9:15	247	3	16	21:45	591	1	9
9:30	283	2	14	22:00	399	2	11
9:45	414	2	17	22:15	599	1	8
10:00	515	1	22	22:30	509	1	9
10:15	377	2	15	22:45	55	12	3
10:30	579	1	27	23:00	340	2	7
10:45	671	1	24	23:15	89	8	6
11:00	702	1	36	23:30	142	5	1
11:15	819	1	20	23:45	31	22	1
11:30	676	1	23				

ARID TRAVEL TIME DATA

Douglas Port of Entry (MEX), Southbound, MX to POE (2-3)

Friday, June 19, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45	302	2	2
				12:00	260	3	3
				12:15	509	1	1
0:00				12:30	174	4	2
0:15				12:45	51	13	1
0:30				13:00	83	8	1
0:45				13:15			
1:00				13:30	29	24	1
1:15				13:45	52	13	2
1:30				14:00			
1:45				14:15	72	10	1
2:00				14:30	489	1	4
2:15				14:45	119	6	1
2:30				15:00	482	1	2
2:45				15:15	594	1	2
3:00				15:30	722	1	2
3:15				15:45	391	2	1
3:30				16:00	180	4	1
3:45				16:15			
4:00	432	2	1	16:30	684	1	2
4:15				16:45	234	3	2
4:30				17:00	210	3	5
4:45				17:15	416	2	3
5:00				17:30	83	8	3
5:15				17:45	178	4	2
5:30				18:00	184	4	1
5:45				18:15	57	12	1
6:00				18:30	407	2	2
6:15				18:45	479	1	2
6:30				19:00	474	1	3
6:45				19:15			
7:00				19:30	333	2	1
7:15				19:45	670	1	2
7:30	600	1	1	20:00	94	7	1
7:45				20:15	621	1	4
8:00				20:30	271	3	3
8:15				20:45	659	1	2
8:30				21:00	399	2	3
8:45	454	2	1	21:15	322	2	1
9:00	475	1	1	21:30	473	1	2
9:15	305	2	1	21:45	262	3	2
9:30				22:00	388	2	2
9:45	218	3	1	22:15			
10:00	74	9	2	22:30	118	6	1
10:15	76	9	2	22:45	82	8	1
10:30	278	2	3	23:00	102	7	2
10:45	63	11	1	23:15			
11:00	391	2	1	23:30			
11:15	399	2	2	23:45			
11:30	107	6	1				

ARID TRAVEL TIME SUMMARY



Douglas Port of Entry (MEX)

Saturday, June 20, 2015

Agua Prieta, Sonora

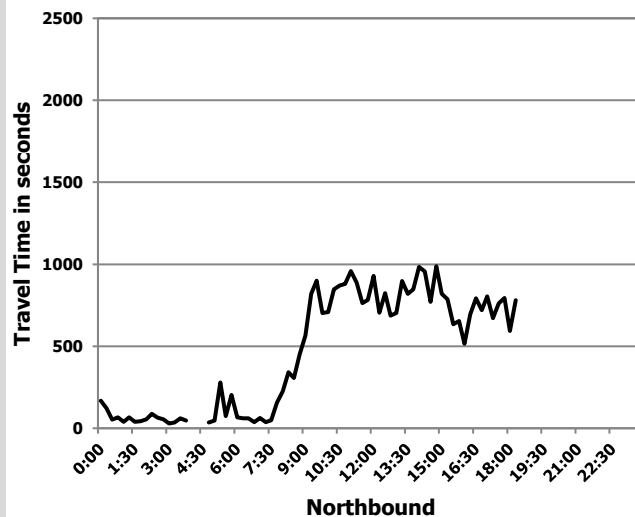
Segment Length: 0.2 miles

MX to POE (3-2)

Northbound

Travel Time Samples Collected:

Entire Day	1227
Hours Analyzed	24
Average Matches Per Hour	51



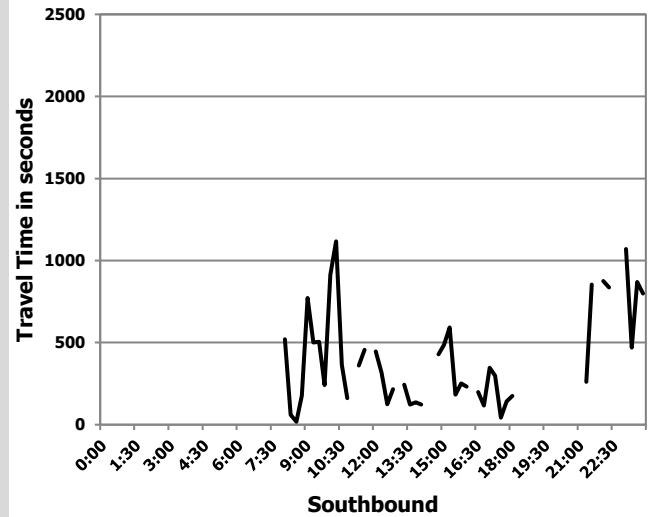
Average Travel Time (sec) 467.6

POE to MX (2-3)

Southbound

Travel Time Samples Collected:

Four Day Period	93
Hours Analyzed	24
Average Matches Per Hour	4



Average Travel Time (sec) 378.0

ARID TRAVEL TIME DATA

Douglas Port of Entry (MEX), Northbound, MX to POE (3-2)

Saturday, June 20, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45	783	1	33
				12:00	930	1	29
				12:15	705	1	26
0:00	168	4	2	12:30	824	1	41
0:15	123	6	7	12:45	687	1	35
0:30	52	13	5	13:00	703	1	25
0:45	66	10	3	13:15	898	1	16
1:00	39	18	3	13:30	820	1	29
1:15	67	10	1	13:45	848	1	29
1:30	40	17	2	14:00	984	1	26
1:45	43	16	1	14:15	957	1	34
2:00	55	12	5	14:30	771	1	37
2:15	88	8	3	14:45	988	1	20
2:30	64	11	3	15:00	819	1	29
2:45	54	13	2	15:15	786	1	37
3:00	29	24	1	15:30	635	1	31
3:15	36	19	2	15:45	653	1	29
3:30	61	11	3	16:00	516	1	21
3:45	48	14	2	16:15	694	1	30
4:00				16:30	792	1	22
4:15	41	17	7	16:45	720	1	22
4:30				17:00	804	1	18
4:45	36	19	3	17:15	672	1	19
5:00	47	15	3	17:30	761	1	31
5:15	280	2	3	17:45	794	1	21
5:30	74	9	2	18:00	593	1	13
5:45	203	3	14	18:15	780	1	11
6:00	66	10	3	18:30			
6:15	61	11	8	18:45			
6:30	60	11	4	19:00			
6:45	37	18	5	19:15			
7:00	62	11	4	19:30			
7:15	38	18	8	19:45			
7:30	49	14	13	20:00			
7:45	156	4	7	20:15			
8:00	224	3	11	20:30			
8:15	342	2	18	20:45			
8:30	306	2	22	21:00			
8:45	451	2	13	21:15			
9:00	567	1	9	21:30			
9:15	820	1	24	21:45			
9:30	900	1	28	22:00	747	1	1
9:45	702	1	40	22:15			
10:00	708	1	18	22:30			
10:15	848	1	33	22:45			
10:30	870	1	31	23:00			
10:45	880	1	33	23:15			
11:00	959	1	36	23:30			
11:15	888	1	40	23:45			
11:30	763	1	27				

ARID TRAVEL TIME DATA

Douglas Port of Entry (MEX), Southbound, MX to POE (2-3)

Saturday, June 20, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45			
				12:00	447	2	4
				12:15	317	2	4
0:00				12:30	125	5	1
0:15	96	7	1	12:45	217	3	1
0:30				13:00			
0:45				13:15	243	3	2
1:00				13:30	122	6	1
1:15				13:45	137	5	1
1:30				14:00	123	6	1
1:45				14:15			
2:00				14:30			
2:15				14:45	429	2	3
2:30				15:00	485	1	3
2:45				15:15	592	1	2
3:00				15:30	184	4	3
3:15				15:45	251	3	3
3:30				16:00	232	3	3
3:45				16:15			
4:00				16:30	199	3	1
4:15				16:45	116	6	4
4:30				17:00	346	2	1
4:45				17:15	299	2	9
5:00				17:30	43	16	1
5:15				17:45	143	5	1
5:30				18:00	176	4	1
5:45				18:15			
6:00	102	7	1	18:30			
6:15				18:45			
6:30	58	12	1	19:00			
6:45				19:15			
7:00				19:30			
7:15				19:45			
7:30				20:00			
7:45				20:15	83	8	1
8:00	520	1	2	20:30			
8:15	61	11	2	20:45	378	2	1
8:30	18	38	1	21:00			
8:45	177	4	3	21:15	262	3	1
9:00	771	1	1	21:30	854	1	3
9:15	500	1	2	21:45			
9:30	505	1	1	22:00	875	1	3
9:45	241	3	1	22:15	836	1	2
10:00	912	1	1	22:30			
10:15	1117	1	1	22:45			
10:30	365	2	2	23:00	1070	1	1
10:45	162	4	2	23:15	469	1	2
11:00				23:30	870	1	2
11:15	361	2	1	23:45	800	1	1
11:30	457	1	3				

ARID TRAVEL TIME SUMMARY



Douglas Port of Entry (MEX)

Sunday, June 21, 2015

Agua Prieta, Sonora

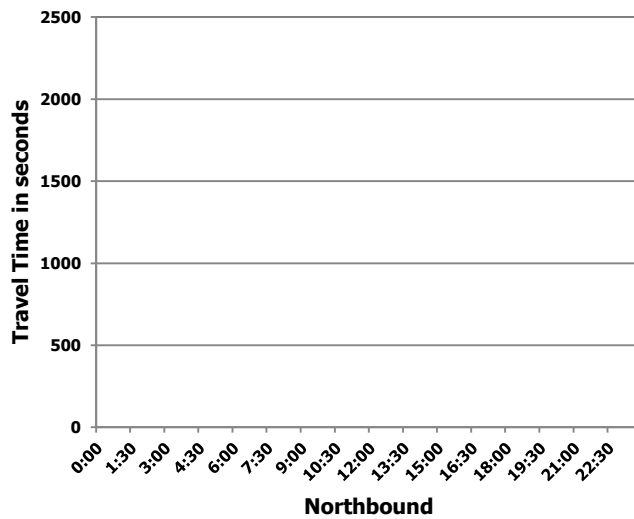
Segment Length: 0.2 miles

MX to POE (3-2)

Northbound

Travel Time Samples Collected:

Entire Day	1
Hours Analyzed	1
Average Matches Per Hour	



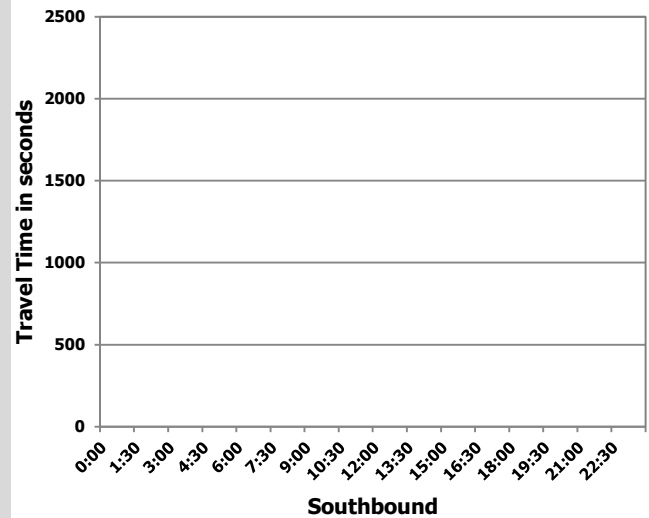
Average Travel Time (sec) N/A

POE to MX (2-3)

Southbound

Travel Time Samples Collected:

Four Day Period	2
Hours Analyzed	1
Average Matches Per Hour	



Average Travel Time (sec) N/A

ARID TRAVEL TIME DATA

Douglas Port of Entry (MEX), Northbound, MX to POE (3-2)

Sunday, June 21, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45			
				12:00			
				12:15			
0:00				12:30			
0:15	586	1	1	12:45			
0:30				13:00			
0:45				13:15			
1:00				13:30			
1:15				13:45			
1:30				14:00			
1:45				14:15			
2:00				14:30			
2:15				14:45			
2:30				15:00			
2:45				15:15			
3:00				15:30			
3:15				15:45			
3:30				16:00			
3:45				16:15			
4:00				16:30			
4:15				16:45			
4:30				17:00			
4:45				17:15			
5:00				17:30			
5:15				17:45			
5:30				18:00			
5:45				18:15			
6:00				18:30			
6:15				18:45			
6:30				19:00			
6:45				19:15			
7:00				19:30			
7:15				19:45			
7:30				20:00			
7:45				20:15			
8:00				20:30			
8:15				20:45			
8:30				21:00			
8:45				21:15			
9:00				21:30			
9:15				21:45			
9:30				22:00			
9:45				22:15			
10:00				22:30			
10:15				22:45			
10:30				23:00			
10:45				23:15			
11:00				23:30			
11:15				23:45			
11:30							

ARID TRAVEL TIME DATA

Douglas Port of Entry (MEX), Southbound, MX to POE (2-3)

Sunday, June 21, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Sample Size (D)	A	B	C	D
				11:45			
				12:00			
				12:15			
0:00	464	1	1	12:30			
0:15				12:45			
0:30				13:00			
0:45				13:15			
1:00				13:30			
1:15	249	3	1	13:45			
1:30				14:00			
1:45				14:15			
2:00				14:30			
2:15				14:45			
2:30				15:00			
2:45				15:15			
3:00				15:30			
3:15				15:45			
3:30				16:00			
3:45				16:15			
4:00				16:30			
4:15				16:45			
4:30				17:00			
4:45				17:15			
5:00				17:30			
5:15				17:45			
5:30				18:00			
5:45				18:15			
6:00				18:30			
6:15				18:45			
6:30				19:00			
6:45				19:15			
7:00				19:30			
7:15				19:45			
7:30				20:00			
7:45				20:15			
8:00				20:30			
8:15				20:45			
8:30				21:00			
8:45				21:15			
9:00				21:30			
9:15				21:45			
9:30				22:00			
9:45				22:15			
10:00				22:30			
10:15				22:45			
10:30				23:00			
10:45				23:15			
11:00				23:30			
11:15				23:45			
11:30							

ARID TRAVEL TIME SUMMARY



Douglas Port of Entry (MEX)

June 18-21, 2015

Agua Prieta, Sonora

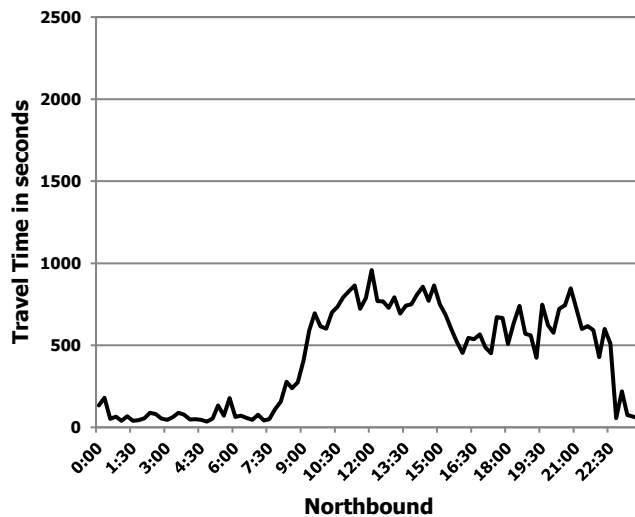
Segment Length: 0.2 miles

MX to POE (3-2)

Northbound

Travel Time Samples Collected:

Four Day Period	2426
Hours Analyzed	50
Average Matches Per Hour	101



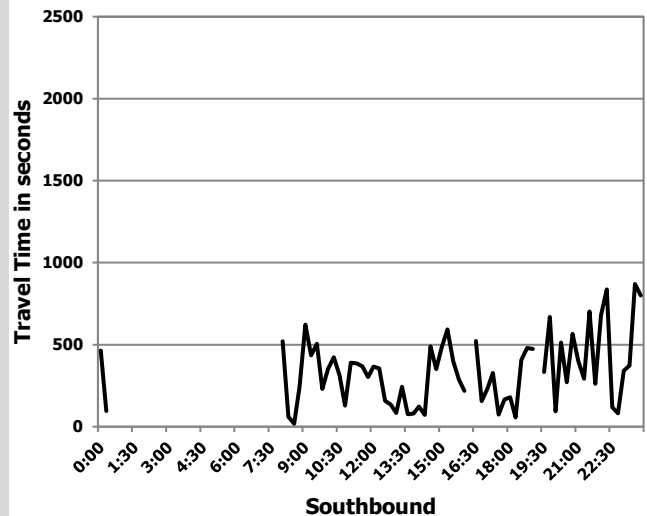
Average Travel Time (sec) N/A

POE to MX (2-3)

Southbound

Travel Time Samples Collected:

Four Day Period	197
Hours Analyzed	50
Average Matches Per Hour	8



Average Travel Time (sec) N/A

ARID TRAVEL TIME DATA

Douglas Port of Entry (MEX), Northbound, MX to POE (3-2)

June 18-21, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Total Sample Size (D)	A	B	C	D
				11:45	788	1	69
				12:00	959	1	58
				12:15	769	1	52
0:00	133	6	3	12:30	767	1	86
0:15	181	5	8	12:45	728	1	71
0:30	52	13	5	13:00	792	1	48
0:45	66	10	3	13:15	694	1	57
1:00	39	18	3	13:30	742	1	49
1:15	67	10	1	13:45	750	1	46
1:30	40	17	2	14:00	811	1	44
1:45	43	16	1	14:15	857	1	51
2:00	55	12	5	14:30	771	1	50
2:15	88	8	3	14:45	864	1	38
2:30	80	9	5	15:00	749	1	54
2:45	54	13	2	15:15	685	1	53
3:00	45	17	3	15:30	598	1	46
3:15	62	14	4	15:45	521	1	54
3:30	89	8	10	16:00	454	2	28
3:45	77	10	7	16:15	544	2	43
4:00	47	15	3	16:30	536	2	37
4:15	50	15	12	16:45	566	1	36
4:30	45	15	1	17:00	489	2	35
4:45	35	20	5	17:15	451	3	32
5:00	54	13	8	17:30	671	1	40
5:15	133	10	8	17:45	666	1	27
5:30	71	10	4	18:00	508	1	23
5:45	178	4	17	18:15	638	1	23
6:00	63	11	9	18:30	739	1	17
6:15	72	10	13	18:45	570	1	28
6:30	57	12	13	19:00	560	1	18
6:45	45	16	10	19:15	424	2	10
7:00	77	9	14	19:30	747	1	29
7:15	42	16	18	19:45	622	1	19
7:30	50	14	21	20:00	577	1	10
7:45	111	7	14	20:15	723	1	9
8:00	158	5	21	20:30	744	1	17
8:15	277	4	24	20:45	847	1	24
8:30	240	5	30	21:00	728	1	18
8:45	274	4	29	21:15	600	1	12
9:00	407	2	16	21:30	618	1	10
9:15	591	2	40	21:45	591	1	9
9:30	694	1	42	22:00	428	2	12
9:45	616	1	57	22:15	599	1	8
10:00	602	1	40	22:30	509	1	9
10:15	701	1	48	22:45	55	12	3
10:30	735	1	58	23:00	219	7	12
10:45	792	1	57	23:15	76	10	12
11:00	831	1	72	23:30	65	12	7
11:15	865	1	60	23:45	56	14	4
11:30	723	1	50				

ARID TRAVEL TIME DATA

Douglas Port of Entry (MEX), Southbound, MX to POE (2-3)

June 18-21, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Speed (MPH) (C)	Total Sample Size (D)	A	B	C	D
				11:45	302	2	2
				12:00	367	2	7
				12:15	355	2	5
0:00	464	1	1	12:30	158	4	3
0:15	96	7	1	12:45	134	8	2
0:30				13:00	83	8	1
0:45				13:15	243	3	2
1:00				13:30	76	15	2
1:15	249	3	1	13:45	80	10	3
1:30				14:00	123	6	1
1:45				14:15	72	10	1
2:00				14:30	489	1	4
2:15				14:45	352	3	4
2:30				15:00	484	1	5
2:45				15:15	593	1	4
3:00				15:30	399	3	5
3:15				15:45	286	3	4
3:30				16:00	219	3	4
3:45				16:15	0	0	0
4:00	432	2	1	16:30	522	2	3
4:15				16:45	155	5	6
4:30				17:00	233	3	6
4:45				17:15	328	2	12
5:00				17:30	73	10	4
5:15				17:45	166	4	3
5:30				18:00	180	4	2
5:45				18:15	57	12	1
6:00	102	7	1	18:30	407	2	2
6:15				18:45	479	1	2
6:30	58	12	1	19:00	474	1	3
6:45				19:15	0	0	0
7:00				19:30	333	2	1
7:15				19:45	670	1	2
7:30	600	1	1	20:00	94	7	1
7:45				20:15	513	2	5
8:00	520	1	2	20:30	271	3	3
8:15	61	11	2	20:45	565	1	3
8:30	18	38	1	21:00	399	2	3
8:45	246	4	4	21:15	292	3	2
9:00	623	1	2	21:30	702	1	5
9:15	435	1	3	21:45	262	3	2
9:30	505	1	1	22:00	680	1	5
9:45	230	3	2	22:15	836	1	2
10:00	353	6	3	22:30	118	6	1
10:15	423	6	3	22:45	82	8	1
10:30	313	2	5	23:00	341	6	4
10:45	129	6	3	23:15	372	2	5
11:00	391	2	1	23:30	870	1	2
11:15	386	2	3	23:45	800	1	1
11:30	370	2	4				

APPENDIX B

MIOVISION VOLUME DATA

MIOVISION DATA COLLECTION



Douglas Port of Entry

Thursday, June 18, 2015

QUANTITY OF VEHICLES OBSERVED		
Time	Northbound (2-1)	Southbound (1-2)
0:00		
0:15		
0:30		
0:45		
1:00		
1:15		
1:30		
1:45		
2:00		
2:15		
2:30		
2:45		
3:00		
3:15		
3:30		
3:45		
4:00		
4:15		
4:30		
4:45		
5:00		
5:15		
5:30		
5:45		
6:00		
6:15		
6:30		
6:45		
7:00		
7:15		
7:30		
7:45		
8:00		
8:15		
8:30		
8:45		
9:00		
9:15		
9:30		
9:45		
10:00		
10:15		
10:30		
10:45		
11:00		
11:15		
11:30		
11:45		

QUANTITY OF VEHICLES OBSERVED		
Time	Northbound (2-1)	Southbound (1-2)
12:00		
12:15		
12:30		
12:45		
13:00		
13:15		
13:30		
13:45		
14:00		
14:15		
14:30		
14:45		
15:00		
15:15		
15:30		
15:45		
16:00		
16:15		
16:30		
16:45		
17:00		
17:15		
17:30		
17:45		
18:00		
18:15		
18:30		
18:45		
19:00		
19:15		
19:30		
19:45		
20:00	77	67
20:15	69	67
20:30	81	74
20:45	66	75
21:00	63	63
21:15	61	74
21:30	61	69
21:45	57	48
22:00	42	42
22:15	42	49
22:30	52	33
22:45	36	23
23:00	35	21
23:15	24	25
23:30	20	12
23:45	12	12

MIOVISION DATA COLLECTION



Douglas Port of Entry

Friday, June 19, 2015

QUANTITY OF VEHICLES OBSERVED		
Time	Northbound (2-1)	Southbound (1-2)
0:00	13	15
0:15	10	8
0:30	14	9
0:45	5	8
1:00	7	5
1:15	3	4
1:30	7	2
1:45	6	3
2:00	3	1
2:15	7	1
2:30	4	2
2:45	5	1
3:00	5	2
3:15	9	0
3:30	18	0
3:45	16	1
4:00	12	1
4:15	10	2
4:30	17	3
4:45	18	1
5:00	31	5
5:15	23	6
5:30	28	4
5:45	19	8
6:00	30	16
6:15	36	13
6:30	32	17
6:45	50	23
7:00	49	18
7:15	49	27
7:30	56	25
7:45	52	39
8:00	79	38
8:15	56	42
8:30	70	46
8:45	65	46
9:00	78	51
9:15	63	58
9:30	82	52
9:45	68	51
10:00	75	71
10:15	71	63
10:30	83	54
10:45	74	55
11:00	68	62
11:15	75	65
11:30	71	58
11:45	65	76

QUANTITY OF VEHICLES OBSERVED		
Time	Northbound (2-1)	Southbound (1-2)
12:00	87	68
12:15	75	63
12:30	77	72
12:45	71	54
13:00	94	64
13:15	81	73
13:30	83	67
13:45	65	69
14:00	62	71
14:15	73	65
14:30	68	87
14:45	67	64
15:00	78	77
15:15	67	82
15:30	71	74
15:45	88	94
16:00	82	79
16:15	58	74
16:30	78	98
16:45	83	88
17:00	73	91
17:15	72	95
17:30	64	97
17:45	76	102
18:00	80	82
18:15	67	86
18:30	76	82
18:45	86	91
19:00	68	91
19:15	57	75
19:30	0	0
19:45	76	84
20:00	71	96
20:15	60	96
20:30	66	73
20:45	62	97
21:00	74	90
21:15	81	71
21:30	50	58
21:45	70	80
22:00	61	51
22:15	43	58
22:30	58	41
22:45	56	31
23:00	42	43
23:15	49	33
23:30	31	35
23:45	35	31

MIOVISION DATA COLLECTION



Douglas Port of Entry

Saturday, June 20, 2015

QUANTITY OF VEHICLES OBSERVED		
Time	Northbound (2-1)	Southbound (1-2)
0:00	17	21
0:15	22	16
0:30	18	8
0:45	13	8
1:00	15	7
1:15	15	5
1:30	7	2
1:45	11	7
2:00	9	0
2:15	11	4
2:30	11	4
2:45	8	1
3:00	6	5
3:15	15	2
3:30	21	5
3:45	15	3
4:00	9	0
4:15	18	2
4:30	22	2
4:45	22	7
5:00	15	7
5:15	15	11
5:30	32	8
5:45	34	9
6:00	27	15
6:15	34	16
6:30	30	28
6:45	38	22
7:00	35	24
7:15	36	16
7:30	50	35
7:45	43	34
8:00	50	35
8:15	65	47
8:30	57	52
8:45	58	59
9:00	70	41
9:15	71	65
9:30	74	79
9:45	59	57
10:00	75	88
10:15	84	83
10:30	85	64
10:45	67	73
11:00	69	79
11:15	77	83
11:30	94	68
11:45	91	70

QUANTITY OF VEHICLES OBSERVED		
Time	Northbound (2-1)	Southbound (1-2)
12:00	74	67
12:15	69	82
12:30	85	64
12:45	83	76
13:00	65	81
13:15	57	76
13:30	64	57
13:45	79	80
14:00	72	72
14:15	92	86
14:30	77	73
14:45	64	82
15:00	87	80
15:15	92	74
15:30	80	69
15:45	65	74
16:00	88	55
16:15	67	69
16:30	79	82
16:45	66	73
17:00	56	83
17:15	73	88
17:30	69	74
17:45	81	83
18:00	69	89
18:15	75	87
18:30	68	85
18:45	71	92
19:00	78	81
19:15	80	91
19:30	60	70
19:45	65	86
20:00	74	75
20:15	65	65
20:30	56	77
20:45	70	98
21:00	52	68
21:15	69	56
21:30	58	71
21:45	60	56
22:00	36	57
22:15	51	44
22:30	34	39
22:45	39	40
23:00	38	37
23:15	41	23
23:30	57	25
23:45	73	33

MIOVISION DATA COLLECTION



Douglas Port of Entry

Sunday, June 21, 2015

QUANTITY OF VEHICLES OBSERVED		
Time	Northbound (2-1)	Southbound (1-2)
0:00	62	10
0:15	31	21
0:30	19	20
0:45	21	10
1:00	25	12
1:15	23	8
1:30	17	8
1:45	16	8
2:00	25	5
2:15	21	6
2:30	12	4
2:45	21	5
3:00	5	5
3:15	9	7
3:30	21	1
3:45	17	4
4:00	13	6
4:15	16	3
4:30	12	5
4:45	13	3
5:00	14	2
5:15	21	4
5:30	15	6
5:45	25	4
6:00	17	10
6:15	9	10
6:30	17	17
6:45	33	17
7:00	29	17
7:15	31	17
7:30	23	12
7:45		
8:00		
8:15		
8:30		
8:45		
9:00		
9:15		
9:30		
9:45		
10:00		
10:15		
10:30		
10:45		
11:00		
11:15		
11:30		
11:45		

QUANTITY OF VEHICLES OBSERVED		
Time	Northbound (2-1)	Southbound (1-2)
12:00		
12:15		
12:30		
12:45		
13:00		
13:15		
13:30		
13:45		
14:00		
14:15		
14:30		
14:45		
15:00		
15:15		
15:30		
15:45		
16:00		
16:15		
16:30		
16:45		
17:00		
17:15		
17:30		
17:45		
18:00		
18:15		
18:30		
18:45		
19:00		
19:15		
19:30		
19:45		
20:00		
20:15		
20:30		
20:45		
21:00		
21:15		
21:30		
21:45		
22:00		
22:15		
22:30		
22:45		
23:00		
23:15		
23:30		
23:45		

MIOVISION DATA COLLECTION



Lukeville Port of Entry

Tuesday, June 30, 2015

QUANTITY OF VEHICLES OBSERVED		
Time	Northbound	Southbound (1-2)
0:00		
0:15		
0:30		
0:45		
1:00		
1:15		
1:30		
1:45		
2:00		
2:15		
2:30		
2:45		
3:00		
3:15		
3:30		
3:45		
4:00		
4:15		
4:30		
4:45		
5:00		
5:15		
5:30		
5:45		
6:00		
6:15		
6:30		
6:45		
7:00		
7:15		3
7:30		4
7:45		9
8:00		1
8:15		2
8:30		7
8:45		8
9:00		4
9:15		8
9:30		8
9:45		5
10:00		3
10:15		11
10:30		6
10:45		5
11:00		6
11:15		11
11:30		8
11:45		5

QUANTITY OF VEHICLES OBSERVED		
Time	Northbound	Southbound (1-2)
12:00		14
12:15		8
12:30		10
12:45		12
13:00		12
13:15		8
13:30		9
13:45		8
14:00		10
14:15		6
14:30		11
14:45		3
15:00		9
15:15		10
15:30		11
15:45		7
16:00		5
16:15		6
16:30		8
16:45		8
17:00		9
17:15		4
17:30		7
17:45		4
18:00		5
18:15		8
18:30		6
18:45		6
19:00		3
19:15		4
19:30		4
19:45		4
20:00		3
20:15		6
20:30		9
20:45		2
21:00		3
21:15		1
21:30		5
21:45		3
22:00		6
22:15		3
22:30		2
22:45		2
23:00		5
23:15		3
23:30		0
23:45		2

MIOVISION DATA COLLECTION**Lukeville Port of Entry**

Wednesday, July 01, 2015

QUANTITY OF VEHICLES OBSERVED		
Time	Northbound	Southbound (1-2)
0:00		0
0:15		0
0:30		0
0:45		0
1:00		0
1:15		0
1:30		0
1:45		0
2:00		0
2:15		1
2:30		0
2:45		1
3:00		0
3:15		0
3:30		1
3:45		0
4:00		0
4:15		0
4:30		0
4:45		0
5:00		0
5:15		1
5:30		3
5:45		3
6:00		1
6:15		1
6:30		3
6:45		3
7:00		3
7:15		4
7:30		5
7:45		1
8:00		8
8:15		6
8:30		7
8:45		5
9:00		4
9:15		
9:30		
9:45		
10:00		
10:15		
10:30		
10:45		
11:00		
11:15		
11:30		
11:45		

QUANTITY OF VEHICLES OBSERVED		
Time	Northbound	Southbound (1-2)
12:00		
12:15		
12:30		
12:45		
13:00		
13:15		
13:30		
13:45		
14:00		
14:15		
14:30		
14:45		
15:00		
15:15		
15:30		
15:45		
16:00		
16:15		
16:30		
16:45		
17:00		
17:15		
17:30		
17:45		
18:00		
18:15		
18:30		
18:45		
19:00		
19:15		
19:30		
19:45		
20:00		
20:15		
20:30		
20:45		
21:00		
21:15		
21:30		
21:45		
22:00		
22:15		
22:30		
22:45		
23:00		
23:15		
23:30		
23:45		

MIOVISION DATA COLLECTION



Naco Port of Entry

Thursday, June 18, 2015

QUANTITY OF VEHICLES OBSERVED		
Time	Northbound (2-1)	Southbound (1-2)
0:00		
0:15		
0:30		
0:45		
1:00		
1:15		
1:30		
1:45		
2:00		
2:15		
2:30		
2:45		
3:00		
3:15		
3:30		
3:45		
4:00		
4:15		
4:30		
4:45		
5:00		
5:15		
5:30		
5:45		
6:00		
6:15		
6:30		
6:45		
7:00		
7:15		
7:30		
7:45		
8:00		
8:15		
8:30		
8:45		
9:00		
9:15		
9:30		
9:45		
10:00		
10:15		
10:30		
10:45		
11:00		
11:15		
11:30		
11:45		

QUANTITY OF VEHICLES OBSERVED		
Time	Northbound (2-1)	Southbound (1-2)
12:00		
12:15		
12:30		
12:45		
13:00		
13:15		
13:30		
13:45		
14:00		
14:15		
14:30		
14:45		
15:00		
15:15		
15:30		
15:45		
16:00		
16:15		
16:30		
16:45		
17:00		
17:15		
17:30		
17:45		
18:00	7	12
18:15	3	22
18:30	4	20
18:45	7	13
19:00	5	14
19:15	2	17
19:30	3	20
19:45	5	9
20:00	0	15
20:15	4	10
20:30	0	10
20:45	7	7
21:00	2	9
21:15	1	6
21:30	2	7
21:45	4	7
22:00	2	3
22:15	2	5
22:30	1	5
22:45	1	5
23:00	3	4
23:15	2	4
23:30	1	4
23:45	2	6

MIOVISION DATA COLLECTION



Naco Port of Entry

Friday, June 19, 2015

QUANTITY OF VEHICLES OBSERVED		
Time	Northbound (2-1)	Southbound (1-2)
0:00	0	1
0:15	1	1
0:30	0	3
0:45	1	0
1:00	0	1
1:15	0	0
1:30	0	0
1:45	0	0
2:00	0	0
2:15	0	0
2:30	0	0
2:45	0	1
3:00	0	0
3:15	0	1
3:30	0	0
3:45	1	0
4:00	2	0
4:15	2	0
4:30	2	0
4:45	2	0
5:00	0	1
5:15	2	1
5:30	2	4
5:45	1	2
6:00	1	2
6:15	3	2
6:30	4	1
6:45	1	3
7:00	7	5
7:15	7	3
7:30	5	3
7:45	7	4
8:00	4	6
8:15	8	8
8:30	0	8
8:45	3	9
9:00	7	8
9:15	6	7
9:30	5	14
9:45	5	17
10:00	2	6
10:15	7	11
10:30	4	10
10:45	7	16
11:00	10	9
11:15	9	7
11:30	10	11
11:45	11	10

QUANTITY OF VEHICLES OBSERVED		
Time	Northbound (2-1)	Southbound (1-2)
12:00	7	3
12:15	8	12
12:30	6	11
12:45	8	16
13:00	6	9
13:15	6	18
13:30	4	15
13:45	4	15
14:00	2	16
14:15	11	16
14:30	4	20
14:45	1	12
15:00	5	9
15:15	4	13
15:30	7	19
15:45	10	25
16:00	4	13
16:15	6	20
16:30	4	22
16:45	1	16
17:00	2	36
17:15	10	22
17:30	4	31
17:45	8	32
18:00	5	24
18:15	1	25
18:30	1	29
18:45	4	13
19:00	2	25
19:15	4	22
19:30	5	25
19:45	4	15
20:00	2	18
20:15	5	16
20:30	3	15
20:45	5	19
21:00	7	26
21:15	3	19
21:30	2	12
21:45	2	16
22:00	4	11
22:15	5	12
22:30	2	9
22:45	2	6
23:00	1	6
23:15	6	8
23:30	2	8
23:45	2	7

MIOVISION DATA COLLECTION



Naco Port of Entry

Saturday, June 20, 2015

QUANTITY OF VEHICLES OBSERVED		
Time	Northbound (2-1)	Southbound (1-2)
0:00	0	4
0:15	0	3
0:30	1	5
0:45	1	1
1:00	0	2
1:15	0	1
1:30	0	0
1:45	0	1
2:00	0	1
2:15	3	1
2:30	1	0
2:45	0	0
3:00	1	2
3:15	1	0
3:30	0	2
3:45	0	0
4:00	0	0
4:15	0	0
4:30	1	0
4:45	0	1
5:00	2	0
5:15	4	0
5:30	2	2
5:45	4	0
6:00	3	2
6:15	6	1
6:30	1	8
6:45	2	5
7:00	4	1
7:15	5	7
7:30	5	13
7:45	4	8
8:00	5	5
8:15	6	19
8:30	6	15
8:45	2	8
9:00	4	3
9:15	5	10
9:30	7	8
9:45	10	9
10:00	5	14
10:15	5	9
10:30	6	16
10:45	3	9
11:00	6	14
11:15	6	15
11:30	4	15
11:45	8	15

QUANTITY OF VEHICLES OBSERVED		
Time	Northbound (2-1)	Southbound (1-2)
12:00	4	14
12:15	2	15
12:30	5	10
12:45	4	14
13:00	6	11
13:15	9	11
13:30	9	15
13:45	5	8
14:00	13	13
14:15	10	13
14:30	5	10
14:45	5	23
15:00	7	18
15:15	5	20
15:30	6	27
15:45	3	18
16:00	10	14
16:15	4	20
16:30	6	21
16:45	4	21
17:00	5	12
17:15	7	16
17:30	7	12
17:45	7	20
18:00		
18:15		
18:30		
18:45		
19:00		
19:15		
19:30		
19:45		
20:00		
20:15		
20:30		
20:45		
21:00		
21:15		
21:30		
21:45		
22:00		
22:15		
22:30		
22:45		
23:00		
23:15		
23:30		
23:45		

MIOVISION DATA COLLECTION



DeConcini Port of Entry

Tuesday, June 16, 2015

QUANTITY OF VEHICLES OBSERVED		
Time	Northbound (3-1)	Southbound (1-3)
0:00		
0:15		
0:30		
0:45		
1:00		
1:15		
1:30		
1:45		
2:00		
2:15		
2:30		
2:45		
3:00		
3:15		
3:30		
3:45		
4:00		
4:15		
4:30		
4:45		
5:00		
5:15		
5:30		
5:45		
6:00		
6:15		
6:30		
6:45		
7:00		
7:15		
7:30		
7:45		
8:00		
8:15		
8:30		
8:45		
9:00	95	43
9:15	95	61
9:30	74	67
9:45	91	63
10:00	85	55
10:15	96	79
10:30	93	55
10:45	101	61
11:00	74	68
11:15	87	76
11:30	90	61
11:45	82	71

QUANTITY OF VEHICLES OBSERVED		
Time	Northbound (3-1)	Southbound (1-3)
12:00	78	58
12:15	88	55
12:30	63	85
12:45	111	77
13:00	67	53
13:15	72	75
13:30	105	87
13:45	50	82
14:00	85	93
14:15	73	83
14:30	79	83
14:45	58	88
15:00	72	79
15:15	78	67
15:30	76	71
15:45	63	89
16:00	77	91
16:15	50	88
16:30	83	96
16:45	72	86
17:00	104	76
17:15	95	113
17:30	66	101
17:45	74	109
18:00	90	115
18:15	101	96
18:30	110	90
18:45	95	85
19:00	86	72
19:15	86	87
19:30	58	69
19:45	81	74
20:00	68	56
20:15	64	69
20:30	72	61
20:45	44	73
21:00	59	60
21:15	58	50
21:30	65	64
21:45	52	72
22:00	46	69
22:15	39	75
22:30	39	72
22:45	41	49
23:00	37	60
23:15	38	37
23:30	34	29
23:45	30	34

MIOVISION DATA COLLECTION



DeConcini Port of Entry

Wednesday, June 17, 2015

QUANTITY OF VEHICLES OBSERVED		
Time	Northbound (3-1)	Southbound (1-3)
0:00	36	22
0:15	18	17
0:30	15	14
0:45	18	11
1:00	13	17
1:15	9	5
1:30	15	6
1:45	10	14
2:00	5	13
2:15	4	8
2:30	4	7
2:45	6	3
3:00	8	1
3:15	12	3
3:30	10	3
3:45	9	1
4:00	15	2
4:15	13	4
4:30	21	4
4:45	35	7
5:00	29	6
5:15	36	13
5:30	50	15
5:45	45	14
6:00	40	15
6:15	34	12
6:30	60	23
6:45	49	26
7:00	46	29
7:15	66	27
7:30	84	34
7:45	86	31
8:00	94	35
8:15	100	37
8:30	102	52
8:45	90	44
9:00	94	41
9:15	103	62
9:30	89	67
9:45	101	48
10:00	75	54
10:15	67	56
10:30	82	84
10:45	77	72
11:00	65	49
11:15	101	79
11:30	93	78
11:45	76	71

QUANTITY OF VEHICLES OBSERVED		
Time	Northbound (3-1)	Southbound (1-3)
12:00	96	58
12:15	89	87
12:30	91	89
12:45	105	81
13:00	83	85
13:15	59	65
13:30	103	95
13:45	71	70
14:00	87	69
14:15	92	91
14:30	84	78
14:45	72	97
15:00	71	71
15:15	65	75
15:30	83	82
15:45	73	87
16:00	109	86
16:15	91	85
16:30	94	96
16:45	68	89
17:00	53	114
17:15	96	95
17:30	104	89
17:45	99	99
18:00	78	112
18:15	89	112
18:30	86	95
18:45	79	84
19:00	91	71
19:15	73	91
19:30	87	80
19:45	84	71
20:00	66	80
20:15	98	78
20:30	52	73
20:45	59	67
21:00	56	84
21:15	62	66
21:30	68	55
21:45	45	77
22:00	46	96
22:15	36	94
22:30	43	74
22:45	40	58
23:00	44	57
23:15	39	54
23:30	26	33
23:45	30	23

MIOVISION DATA COLLECTION



DeConcini Port of Entry

Thursday, June 18, 2015

QUANTITY OF VEHICLES OBSERVED		
Time	Northbound (3-1)	Southbound (1-3)
0:00	53	16
0:15	41	23
0:30	31	12
0:45	19	11
1:00	12	9
1:15	15	8
1:30	10	11
1:45	5	7
2:00	9	6
2:15	11	12
2:30	3	6
2:45	7	3
3:00	10	6
3:15	9	4
3:30	16	3
3:45	10	4
4:00	15	3
4:15	20	6
4:30	23	4
4:45	40	10
5:00	41	12
5:15	44	6
5:30	44	13
5:45	49	21
6:00	47	15
6:15	47	15
6:30	54	26
6:45	54	29
7:00	43	36
7:15	72	27
7:30	92	45
7:45	84	29
8:00	87	33
8:15	95	43
8:30	111	44
8:45	96	48
9:00	111	53
9:15	92	54
9:30	112	72
9:45	87	74
10:00	96	55
10:15	11	19
10:30		
10:45		
11:00		
11:15		
11:30		
11:45		

QUANTITY OF VEHICLES OBSERVED		
Time	Northbound (3-1)	Southbound (1-3)
12:00		
12:15		
12:30		
12:45		
13:00		
13:15		
13:30		
13:45		
14:00		
14:15		
14:30		
14:45		
15:00		
15:15		
15:30		
15:45		
16:00		
16:15		
16:30		
16:45		
17:00		
17:15		
17:30		
17:45		
18:00		
18:15		
18:30		
18:45		
19:00		
19:15		
19:30		
19:45		
20:00		
20:15		
20:30		
20:45		
21:00		
21:15		
21:30		
21:45		
22:00		
22:15		
22:30		
22:45		
23:00		
23:15		
23:30		
23:45		

MIOVISION DATA COLLECTION**Mariposa Port of Entry**

Tuesday, June 16, 2015

QUANTITY OF VEHICLES OBSERVED		
Time	Northbound (2-1)	Southbound (1-2)
0:00		
0:15		
0:30		
0:45		
1:00		
1:15		
1:30		
1:45		
2:00		
2:15		
2:30		
2:45		
3:00		
3:15		
3:30		
3:45		
4:00		
4:15		
4:30		
4:45		
5:00		
5:15		
5:30		
5:45		
6:00		
6:15		
6:30		
6:45		
7:00		
7:15		
7:30		
7:45		
8:00		
8:15		
8:30		
8:45		
9:00		
9:15		
9:30		
9:45		
10:00		
10:15		
10:30		
10:45	67	
11:00	62	
11:15	76	
11:30	55	
11:45	56	

QUANTITY OF VEHICLES OBSERVED		
Time	Northbound (2-1)	Southbound (1-2)
12:00	64	
12:15	57	
12:30	49	
12:45	67	
13:00	61	
13:15	46	
13:30	53	
13:45	57	
14:00	45	
14:15	73	
14:30	62	
14:45	67	
15:00	51	
15:15	73	
15:30	50	
15:45	54	
16:00	63	
16:15	77	
16:30	70	
16:45	66	
17:00	57	
17:15	47	
17:30	76	
17:45	58	
18:00	63	
18:15	66	
18:30	53	
18:45	61	
19:00	77	
19:15	53	
19:30	55	
19:45	9	
20:00		
20:15		
20:30		
20:45		
21:00		
21:15		
21:30		
21:45		
22:00		
22:15		
22:30		
22:45		
23:00		
23:15		
23:30		
23:45		

MIOVISION DATA COLLECTION



Mariposa Port of Entry

Wednesday, June 17, 2015

QUANTITY OF VEHICLES OBSERVED		
Time	Northbound (2-1)	Southbound (1-2)
0:00		
0:15		
0:30		
0:45		
1:00		
1:15		
1:30		
1:45		
2:00		
2:15		
2:30		
2:45		
3:00		
3:15		
3:30		
3:45		
4:00		
4:15		
4:30		
4:45		
5:00		
5:15		
5:30		
5:45		
6:00		
6:15		
6:30		
6:45	38	88
7:00	45	80
7:15	54	66
7:30	70	53
7:45	80	48
8:00	85	53
8:15	72	41
8:30	72	46
8:45	62	51
9:00	66	49
9:15	67	76
9:30	62	69
9:45	59	52
10:00	60	67
10:15	54	53
10:30	56	68
10:45	69	63
11:00	64	70
11:15	65	71
11:30	53	76
11:45	46	69

QUANTITY OF VEHICLES OBSERVED		
Time	Northbound (2-1)	Southbound (1-2)
12:00	63	68
12:15	45	65
12:30	53	61
12:45	52	79
13:00	67	82
13:15	53	96
13:30	47	57
13:45	60	80
14:00	55	87
14:15	54	82
14:30	59	78
14:45	57	66
15:00	64	91
15:15	68	81
15:30	72	87
15:45	51	88
16:00	50	96
16:15	67	73
16:30	66	86
16:45	59	104
17:00	55	95
17:15	62	105
17:30	66	97
17:45	76	117
18:00	72	136
18:15	80	114
18:30	78	104
18:45	63	116
19:00	54	117
19:15	66	95
19:30	61	90
19:45	57	80
20:00	13	35
20:15		
20:30		
20:45		
21:00		
21:15		
21:30		
21:45		
22:00		
22:15		
22:30		
22:45		
23:00		
23:15		
23:30		
23:45		

MIOVISION DATA COLLECTION



Mariposa Port of Entry

Thursday, June 18, 2015

QUANTITY OF VEHICLES OBSERVED		
Time	Northbound (2-1)	Southbound (1-2)
0:00		
0:15		
0:30		
0:45		
1:00		
1:15		
1:30		
1:45		
2:00		
2:15		
2:30		
2:45		
3:00		
3:15		
3:30		
3:45		
4:00		
4:15		
4:30		
4:45		
5:00		
5:15		
5:30		
5:45		
6:00		
6:15	48	31
6:30	43	47
6:45	41	89
7:00	45	51
7:15	53	60
7:30	42	60
7:45	74	56
8:00	71	61
8:15	68	47
8:30	47	57
8:45	45	71
9:00	63	71
9:15	67	56
9:30	70	53
9:45	67	61
10:00	49	65
10:15	54	57
10:30	58	53
10:45	46	64
11:00	8	26
11:15		
11:30		
11:45		

QUANTITY OF VEHICLES OBSERVED		
Time	Northbound (2-1)	Southbound (1-2)
12:00		
12:15		
12:30		
12:45		
13:00		
13:15		
13:30		
13:45		
14:00		
14:15		
14:30		
14:45		
15:00		
15:15		
15:30		
15:45		
16:00		
16:15		
16:30		
16:45		
17:00		
17:15		
17:30		
17:45		
18:00		
18:15		
18:30		
18:45		
19:00		
19:15		
19:30		
19:45		
20:00		
20:15		
20:30		
20:45		
21:00		
21:15		
21:30		
21:45		
22:00		
22:15		
22:30		
22:45		
23:00		
23:15		
23:30		
23:45		

MIOVISION DATA COLLECTION**San Luis Port of Entry**

Wednesday, July 01, 2015

QUANTITY OF VEHICLES OBSERVED		
Time	Northbound	Southbound (1-4)
0:00		
0:15		
0:30		
0:45		
1:00		
1:15		
1:30		
1:45		
2:00		
2:15		
2:30		
2:45		
3:00		
3:15		
3:30		
3:45		
4:00		
4:15		
4:30		
4:45		
5:00		
5:15		
5:30		
5:45		
6:00		
6:15		
6:30		
6:45		
7:00		
7:15		
7:30		
7:45		
8:00		
8:15		
8:30		
8:45		
9:00		
9:15		
9:30		
9:45		
10:00		
10:15		
10:30		
10:45		
11:00		
11:15		
11:30		
11:45		

QUANTITY OF VEHICLES OBSERVED		
Time	Northbound	Southbound (1-4)
12:00		
12:15		
12:30		
12:45		
13:00		
13:15		
13:30		
13:45		
14:00		
14:15		
14:30		
14:45		
15:00		
15:15		
15:30		
15:45		
16:00		
16:15		
16:30		
16:45		
17:00		219
17:15		221
17:30		213
17:45		222
18:00		201
18:15		198
18:30		179
18:45		153
19:00		154
19:15		137
19:30		127
19:45		112
20:00		94
20:15		92
20:30		85
20:45		69
21:00		108
21:15		79
21:30		71
21:45		67
22:00		78
22:15		56
22:30		70
22:45		46
23:00		34
23:15		41
23:30		31
23:45		31

MIOVISION DATA COLLECTION



San Luis Port of Entry

Thursday, July 02, 2015

QUANTITY OF VEHICLES OBSERVED		
Time	Northbound	Southbound (1-4)
0:00		40
0:15		25
0:30		31
0:45		17
1:00		14
1:15		15
1:30		14
1:45		5
2:00		7
2:15		15
2:30		11
2:45		6
3:00		6
3:15		7
3:30		13
3:45		4
4:00		8
4:15		5
4:30		6
4:45		7
5:00		14
5:15		15
5:30		14
5:45		21
6:00		21
6:15		24
6:30		44
6:45		43
7:00		47
7:15		56
7:30		43
7:45		73
8:00		73
8:15		94
8:30		78
8:45		104
9:00		100
9:15		105
9:30		100
9:45		120
10:00		109
10:15		117
10:30		113
10:45		114
11:00		133
11:15		111
11:30		121
11:45		125

QUANTITY OF VEHICLES OBSERVED		
Time	Northbound	Southbound (1-4)
12:00		119
12:15		133
12:30		132
12:45		107
13:00		127
13:15		126
13:30		150
13:45		149
14:00		130
14:15		178
14:30		158
14:45		175
15:00		193
15:15		172
15:30		177
15:45		181
16:00		217
16:15		193
16:30		201
16:45		220
17:00		226
17:15		221
17:30		233
17:45		225
18:00		229
18:15		211
18:30		173
18:45		172
19:00		191
19:15		175
19:30		154
19:45		162
20:00		124
20:15		124
20:30		128
20:45		127
21:00		105
21:15		84
21:30		109
21:45		95
22:00		70
22:15		69
22:30		68
22:45		53
23:00		62
23:15		63
23:30		43
23:45		32

MIOVISION DATA COLLECTION**San Luis Port of Entry**

Friday, July 03, 2015

QUANTITY OF VEHICLES OBSERVED		
Time	Northbound	Southbound (1-4)
0:00		31
0:15		36
0:30		31
0:45		24
1:00		17
1:15		15
1:30		22
1:45		12
2:00		7
2:15		14
2:30		11
2:45		10
3:00		14
3:15		12
3:30		8
3:45		8
4:00		11
4:15		10
4:30		14
4:45		10
5:00		12
5:15		21
5:30		38
5:45		20
6:00		33
6:15		43
6:30		39
6:45		60
7:00		61
7:15		74
7:30		70
7:45		93
8:00		98
8:15		111
8:30		133
8:45		123
9:00		152
9:15		125
9:30		168
9:45		168
10:00		151
10:15		151
10:30		166
10:45		164
11:00		171
11:15		184
11:30		161
11:45		190

QUANTITY OF VEHICLES OBSERVED		
Time	Northbound	Southbound (1-4)
12:00		180
12:15		162
12:30		159
12:45		151
13:00		154
13:15		131
13:30		151
13:45		170
14:00		211
14:15		183
14:30		185
14:45		185
15:00		163
15:15		186
15:30		170
15:45		189
16:00		190
16:15		220
16:30		189
16:45		183
17:00		199
17:15		203
17:30		188
17:45		192
18:00		180
18:15		178
18:30		165
18:45		170
19:00		184
19:15		149
19:30		160
19:45		141
20:00		178
20:15		139
20:30		108
20:45		122
21:00		105
21:15		104
21:30		101
21:45		97
22:00		75
22:15		72
22:30		74
22:45		67
23:00		65
23:15		53
23:30		57
23:45		43

MIOVISION DATA COLLECTION



San Luis Port of Entry

Saturday, July 04, 2015

QUANTITY OF VEHICLES OBSERVED		
Time	Northbound	Southbound (1-4)
0:00		33
0:15		25
0:30		32
0:45		22
1:00		26
1:15		21
1:30		16
1:45		18
2:00		15
2:15		9
2:30		12
2:45		9
3:00		12
3:15		11
3:30		11
3:45		12
4:00		9
4:15		13
4:30		12
4:45		14
5:00		12
5:15		19
5:30		22
5:45		25
6:00		38
6:15		34
6:30		32
6:45		
7:00		
7:15		
7:30		
7:45		
8:00		
8:15		
8:30		
8:45		
9:00		
9:15		
9:30		
9:45		
10:00		
10:15		
10:30		
10:45		
11:00		
11:15		
11:30		
11:45		

QUANTITY OF VEHICLES OBSERVED		
Time	Northbound	Southbound (1-4)
12:00		
12:15		
12:30		
12:45		
13:00		
13:15		
13:30		
13:45		
14:00		
14:15		
14:30		
14:45		
15:00		
15:15		
15:30		
15:45		
16:00		
16:15		
16:30		
16:45		
17:00		
17:15		
17:30		
17:45		
18:00		
18:15		
18:30		
18:45		
19:00		
19:15		
19:30		
19:45		
20:00		
20:15		
20:30		
20:45		
21:00		
21:15		
21:30		
21:45		
22:00		
22:15		
22:30		
22:45		
23:00		
23:15		
23:30		
23:45		

APPENDIX C

PENETRATION RATE ANALYSIS

PENETRATION RATE SUMMARY

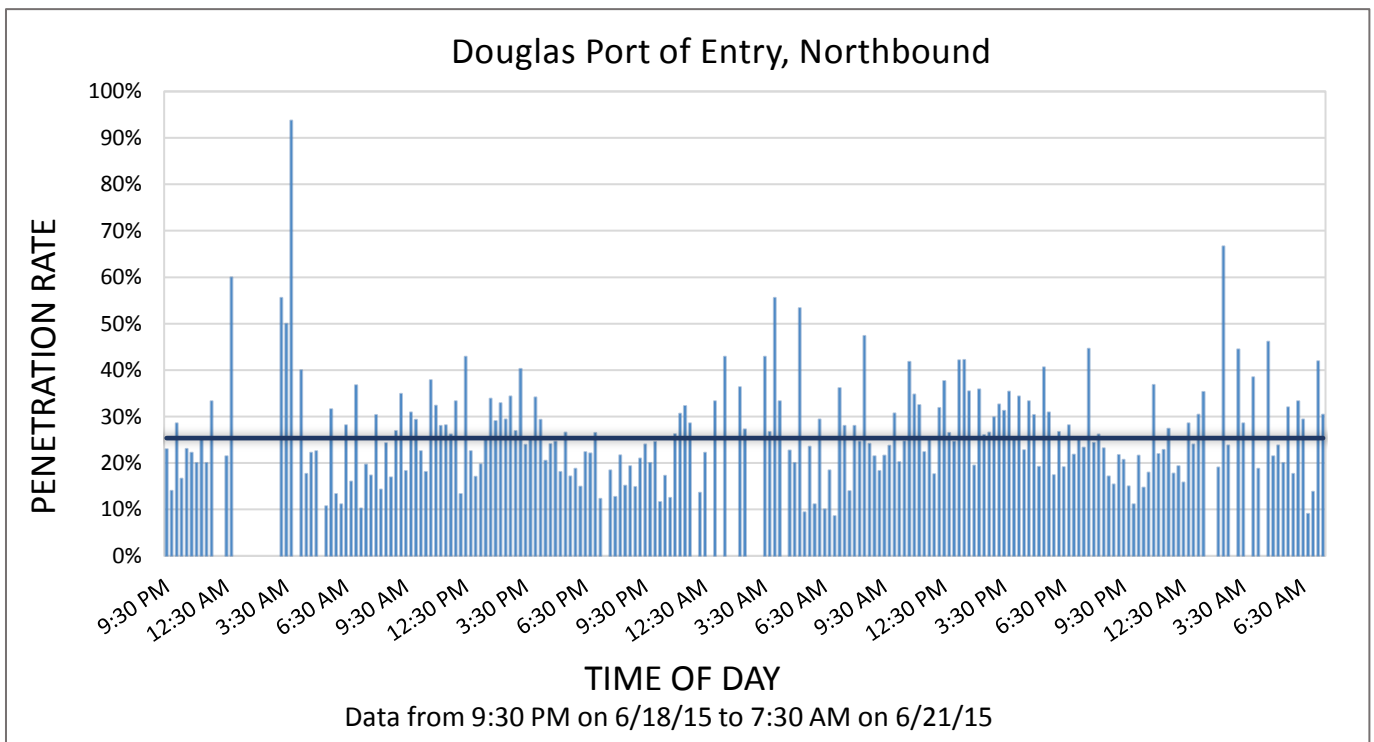
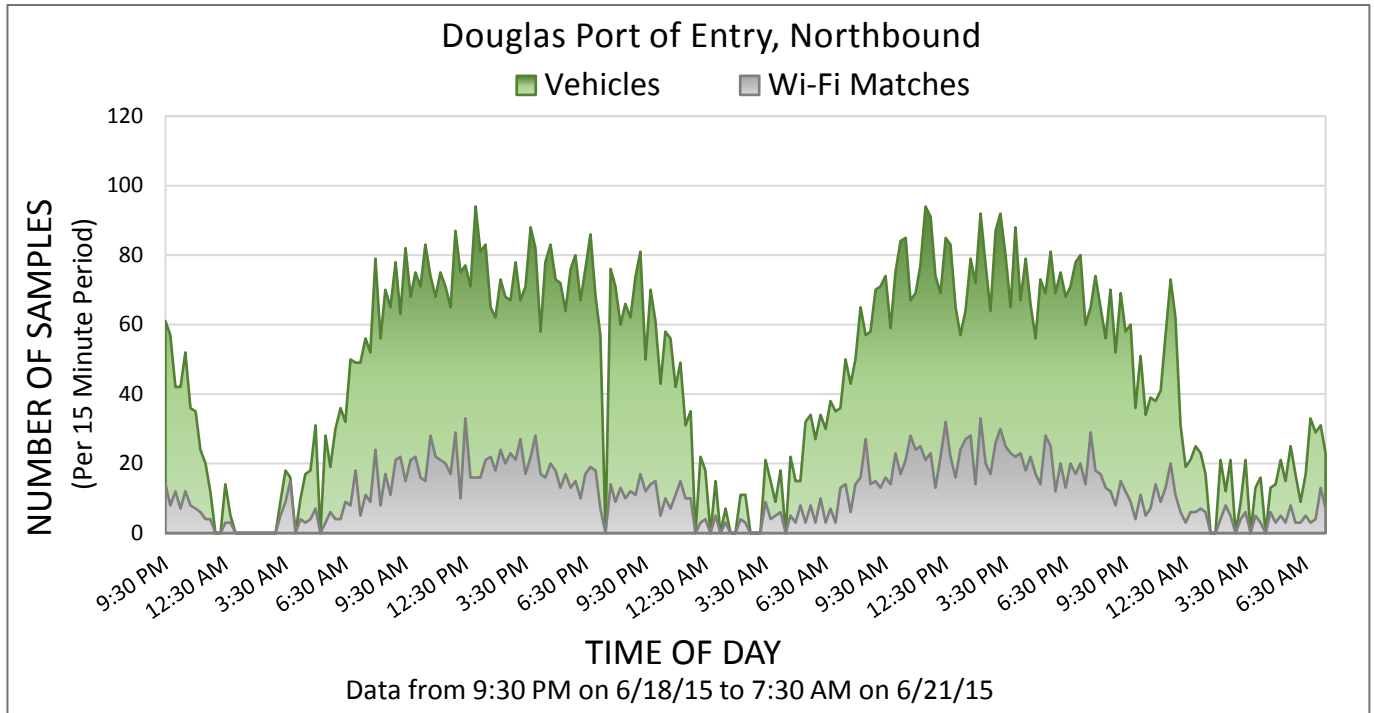


Douglas Port of Entry

Douglas, Arizona

Thursday, June 18 - Sunday, June 21, 2015

Northbound - POE to US



Average Penetration Rate: 25.8%

*Note: 15 minute periods with insufficient data were excluded from analysis (< 3 samples; ARID or Miovision)

PENETRATION RATE SUMMARY

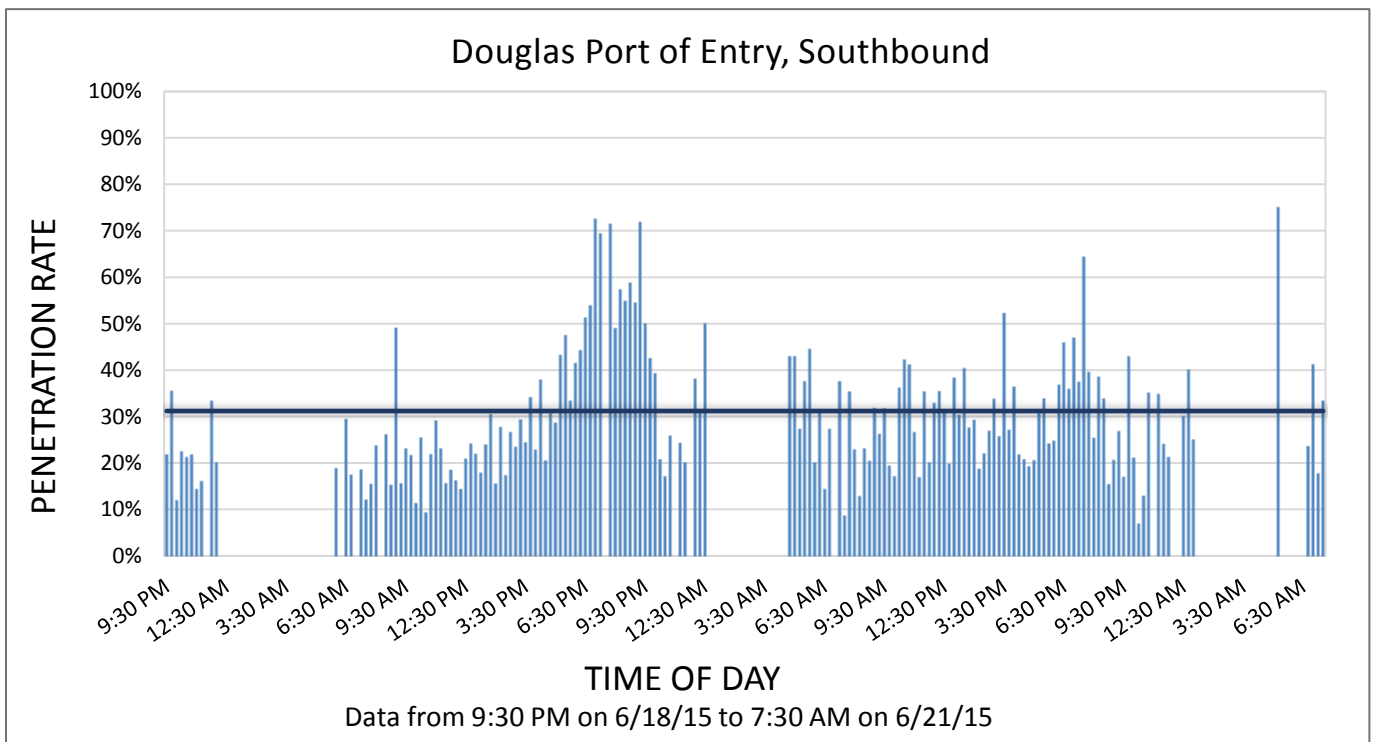
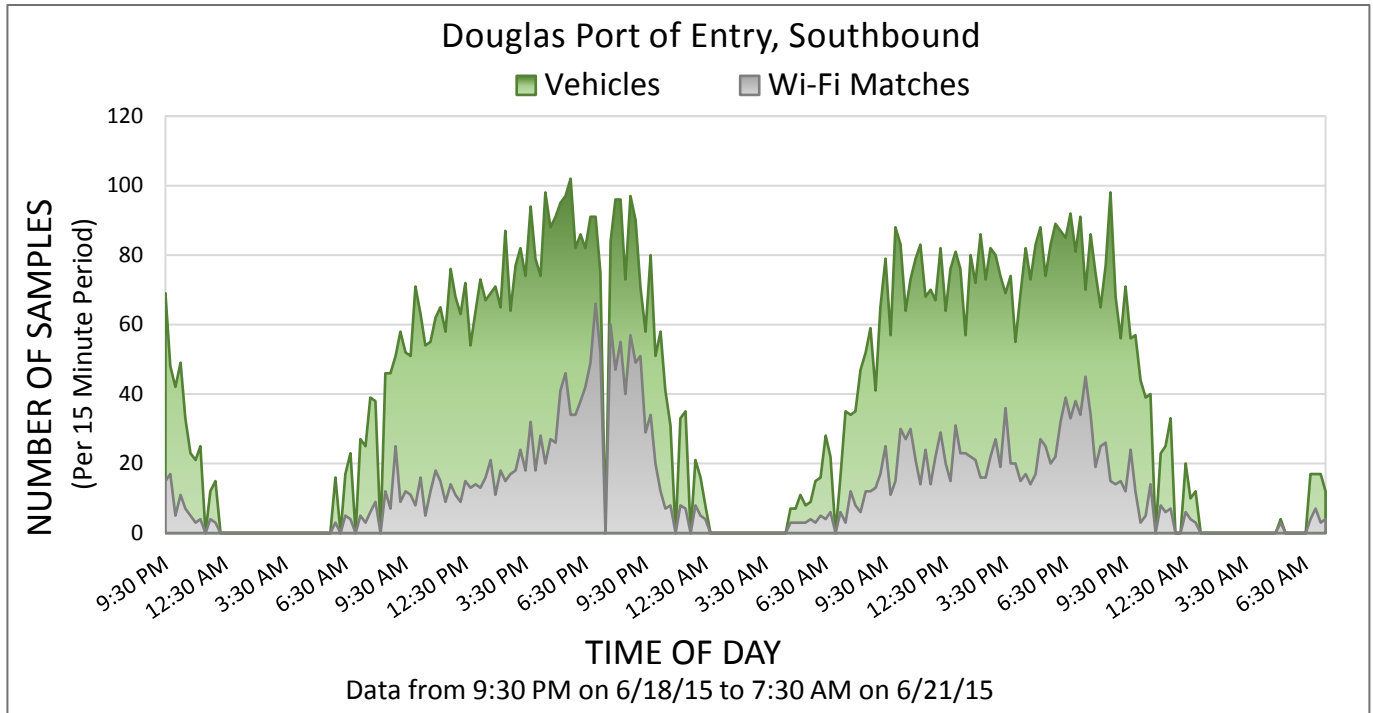


Douglas Port of Entry

Douglas, Arizona

Thursday, June 18 - Sunday, June 21, 2015

Southbound - US to POE



Average Penetration Rate: 32.0%

*Note: 15 minute periods with insufficient data were excluded from analysis (< 3 samples; ARID or Miovision)

PENETRATION RATE SUMMARY

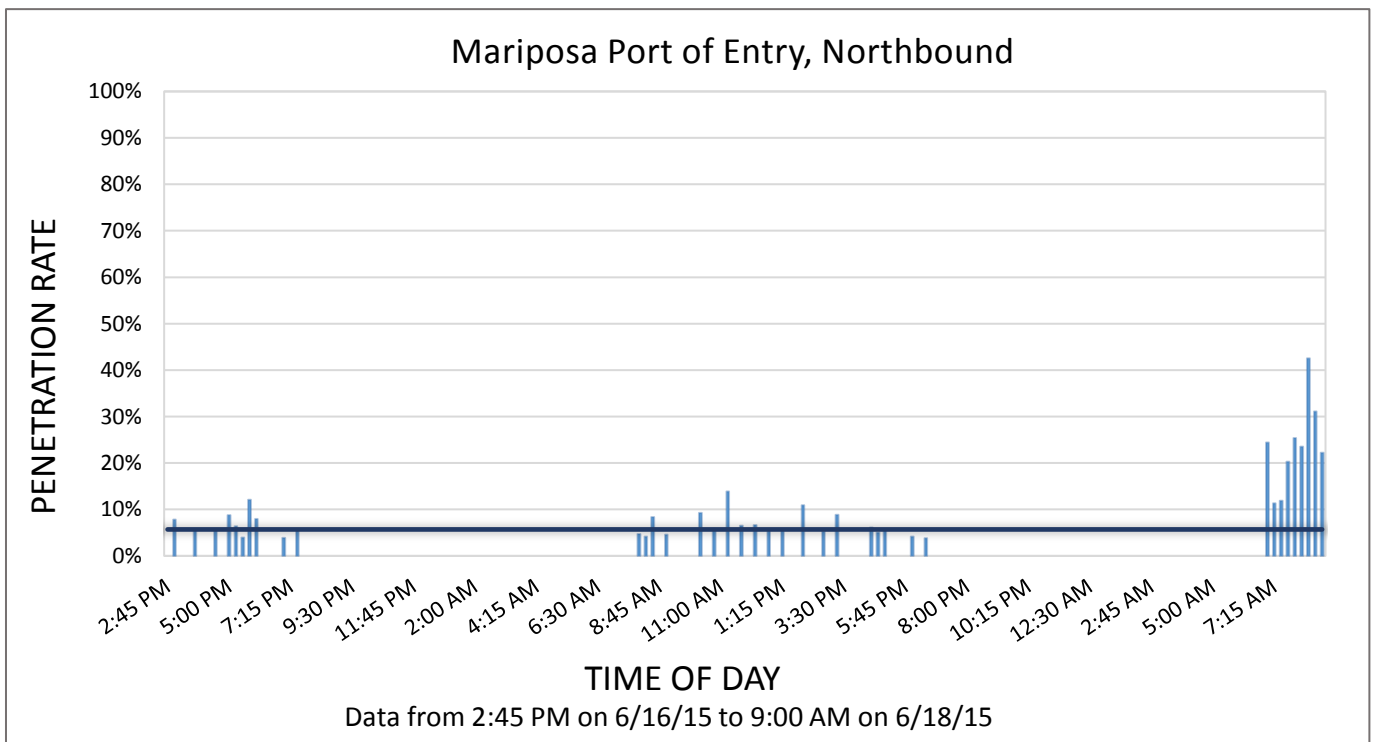
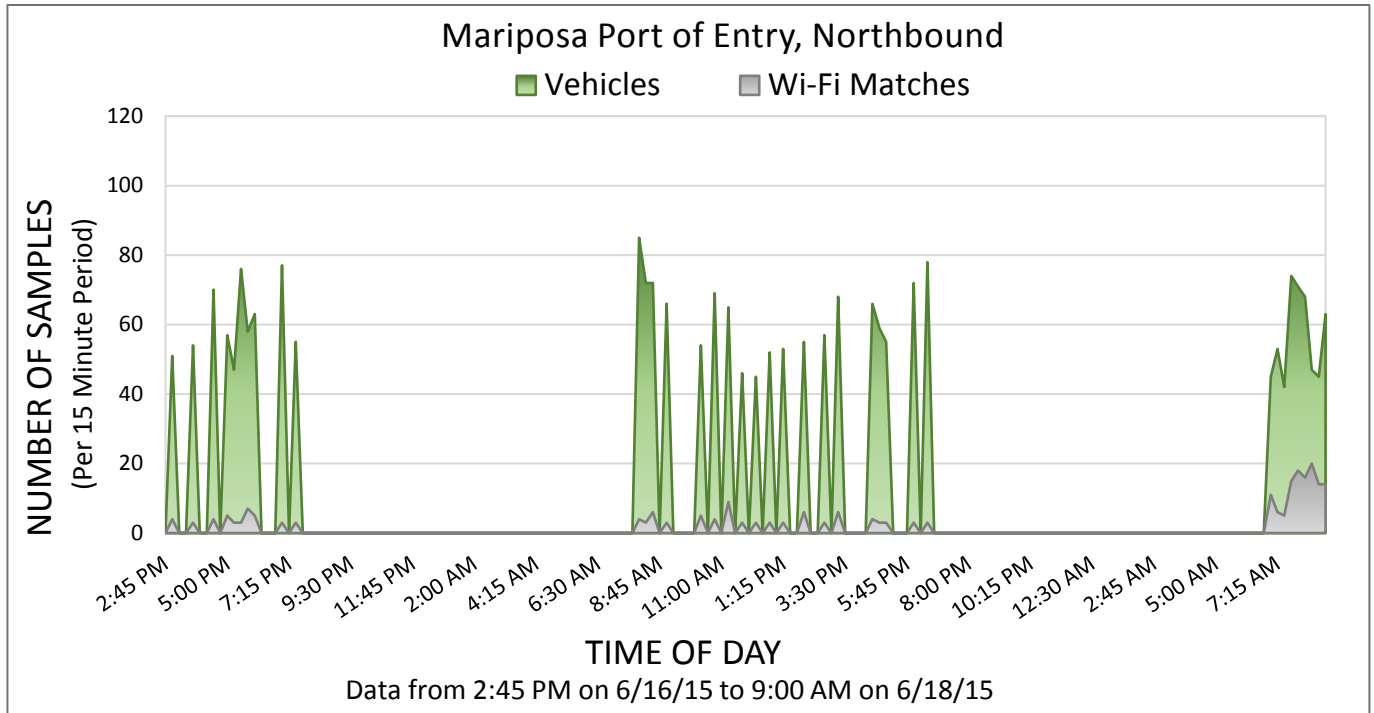


Mariposa Port of Entry

Nogales, Arizona

Tuesday, June 16 - Thursday, June 18, 2015

Northbound - POE to US



Average Penetration Rate: 5.7%

*Note: 15 minute periods with insufficient data were excluded from analysis (< 3 samples; ARID or Miovision)

PENETRATION RATE SUMMARY

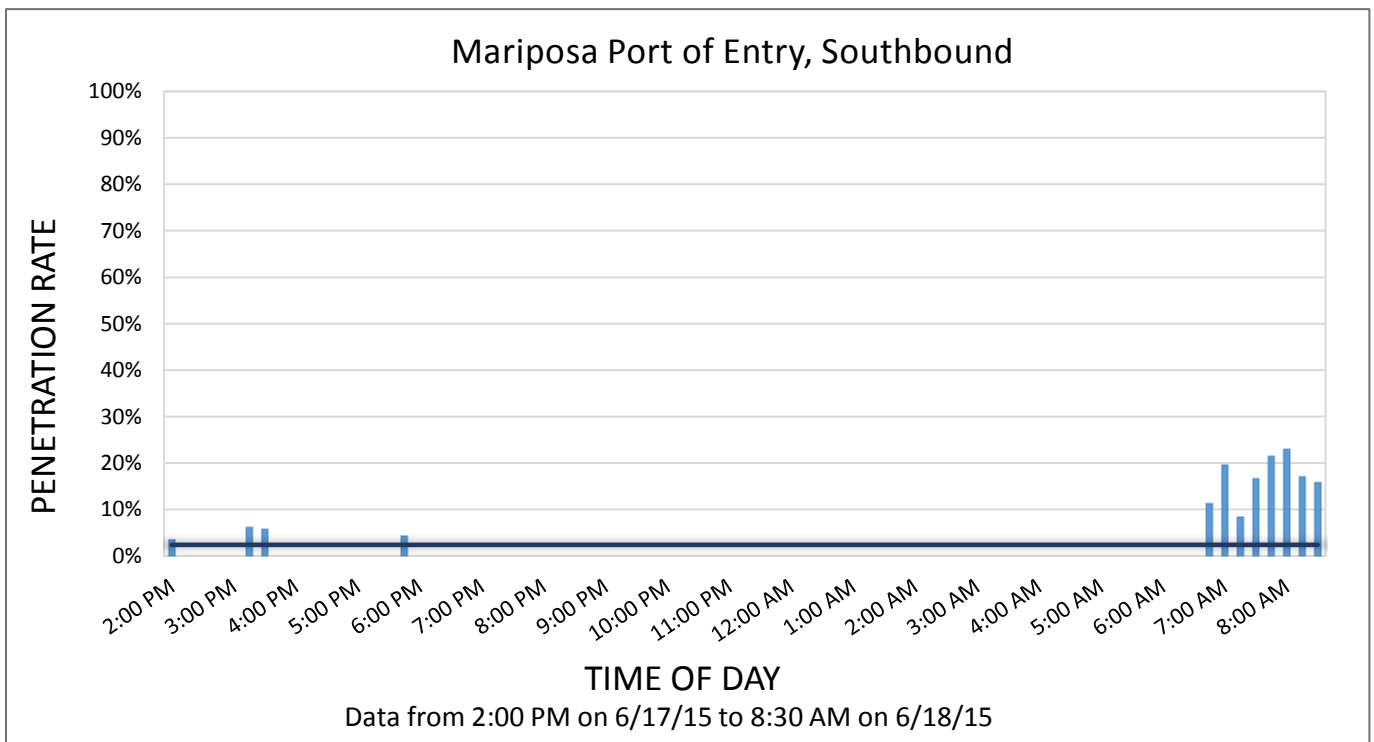
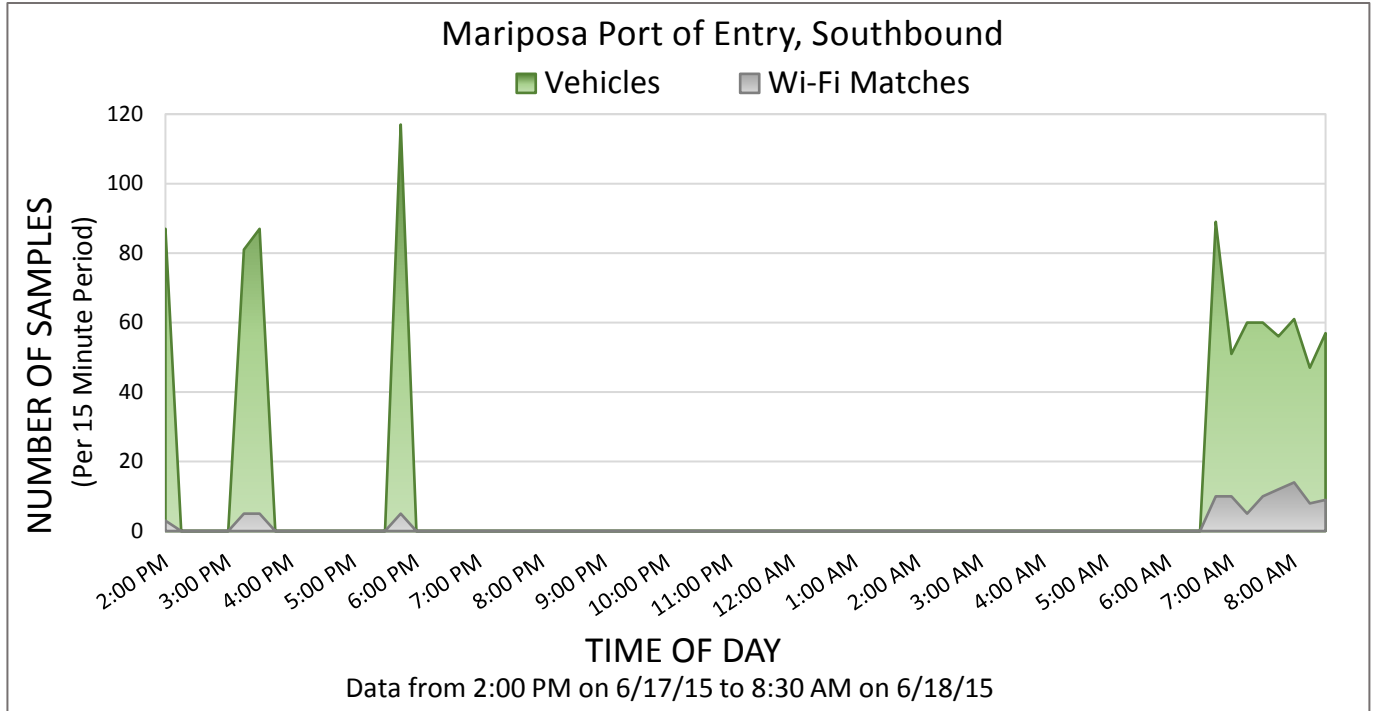


Mariposa Port of Entry

Nogales, Arizona

Tuesday, June 16 - Thursday, June 18, 2015

Southbound - US to POE



Average Penetration Rate: 2.4%

*Note: 15 minute periods with insufficient data were excluded from analysis (< 3 samples; ARID or Miovision)

PENETRATION RATE SUMMARY

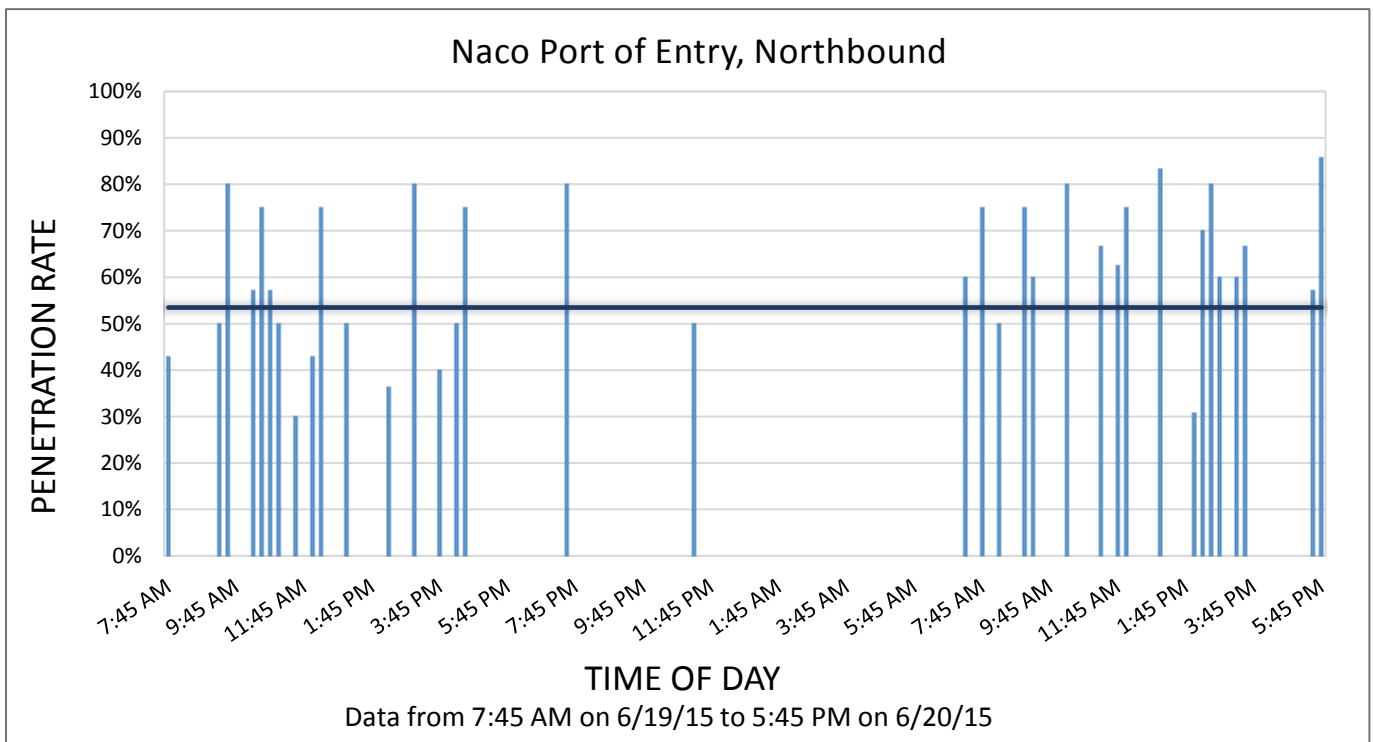
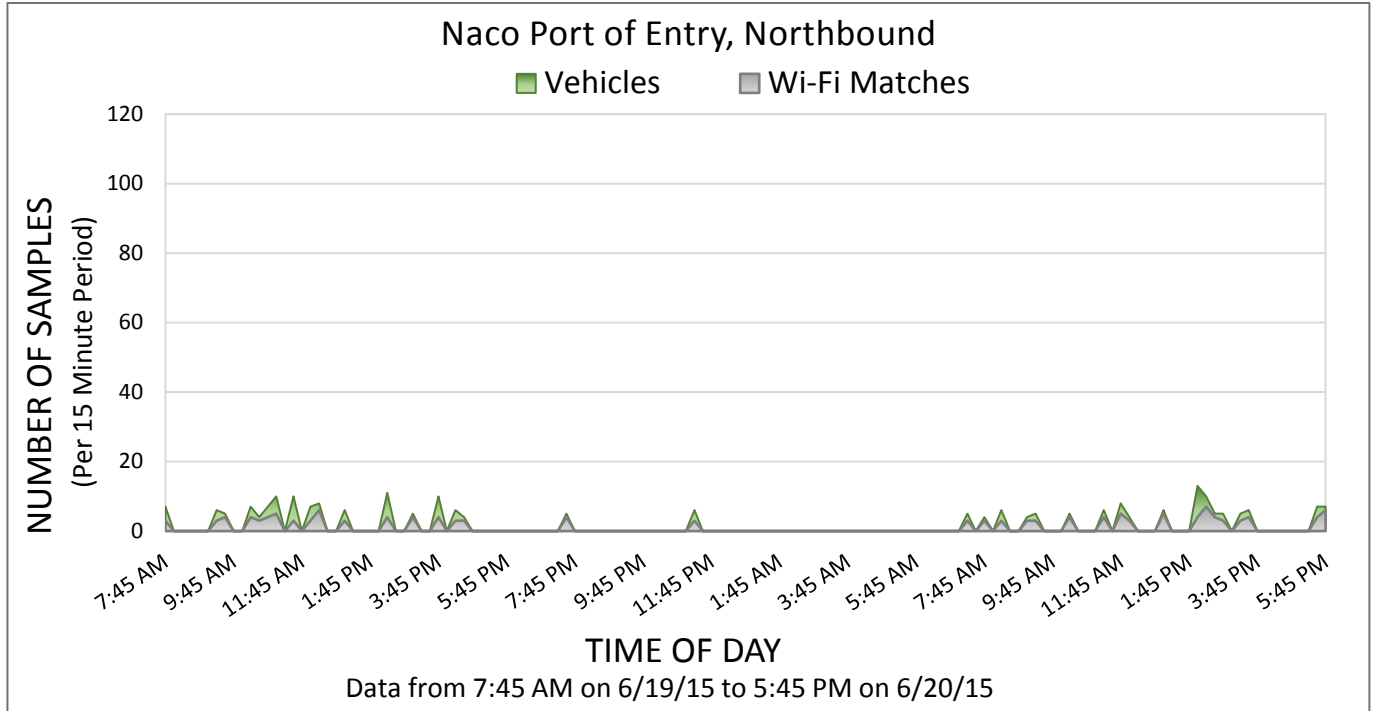


Naco Port of Entry

Naco, Arizona

Friday, June 19 - Saturday, June 20, 2015

Northbound - POE to US



Average Penetration Rate: 53.5%

*Note: 15 minute periods with insufficient data were excluded from analysis (< 3 samples; ARID or Miovision)

PENETRATION RATE SUMMARY

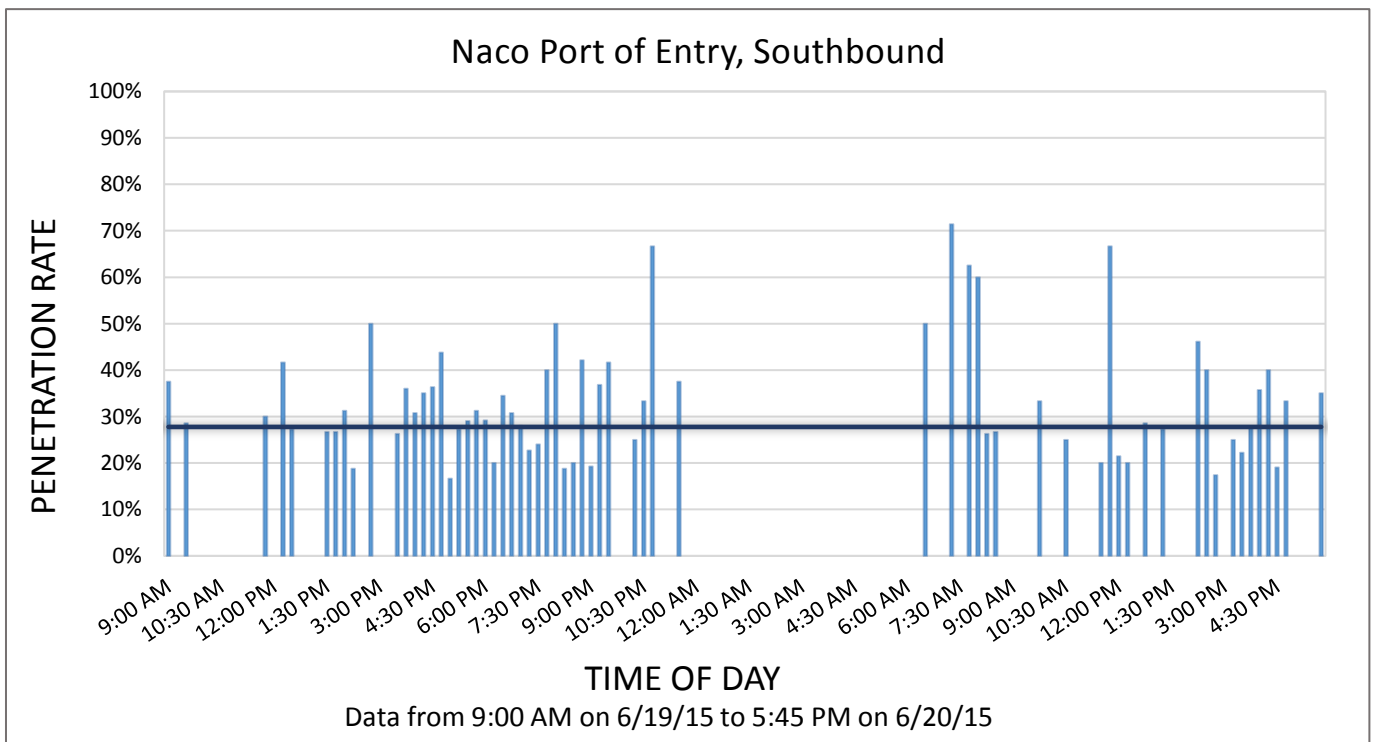
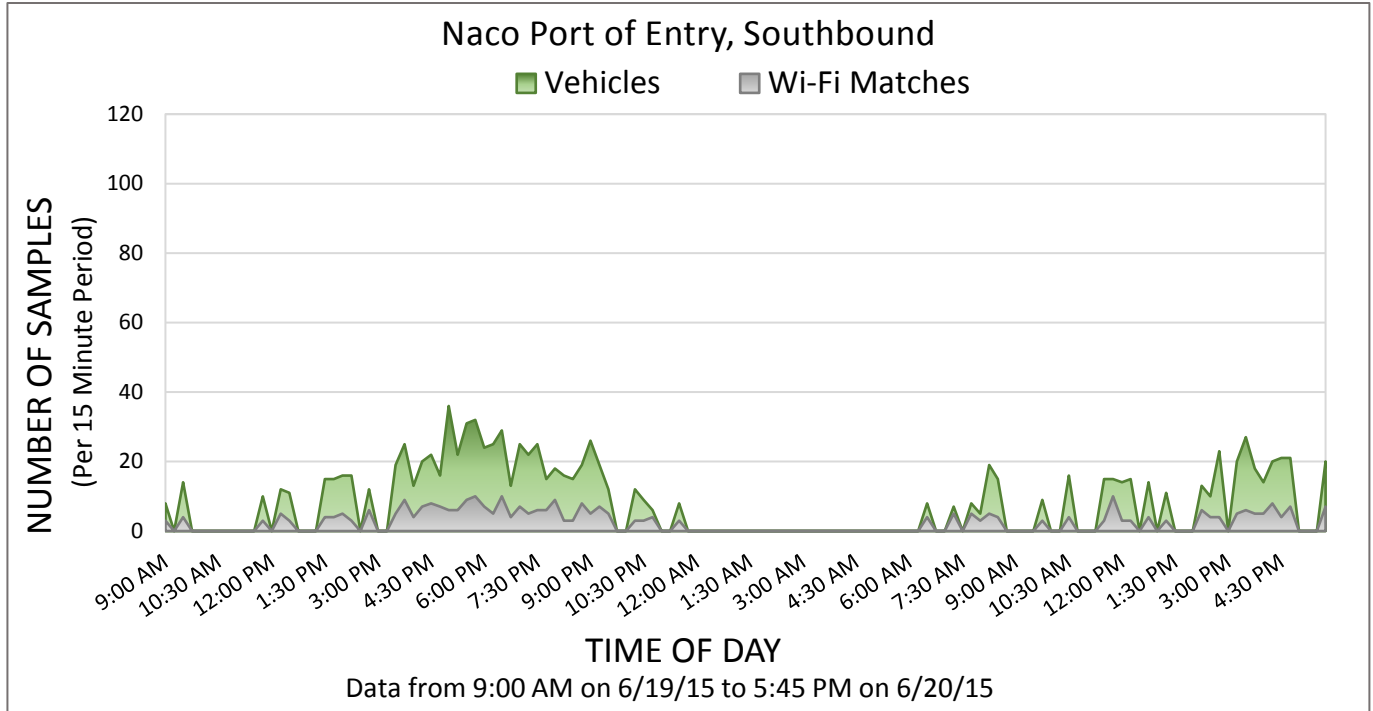


Naco Port of Entry

Naco, Arizona

Friday, June 19 - Saturday, June 20, 2015

Southbound - US to POE



Average Penetration Rate: 27.8%

*Note: 15 minute periods with insufficient data were excluded from analysis (< 3 samples; ARID or Miovision)

PENETRATION RATE SUMMARY

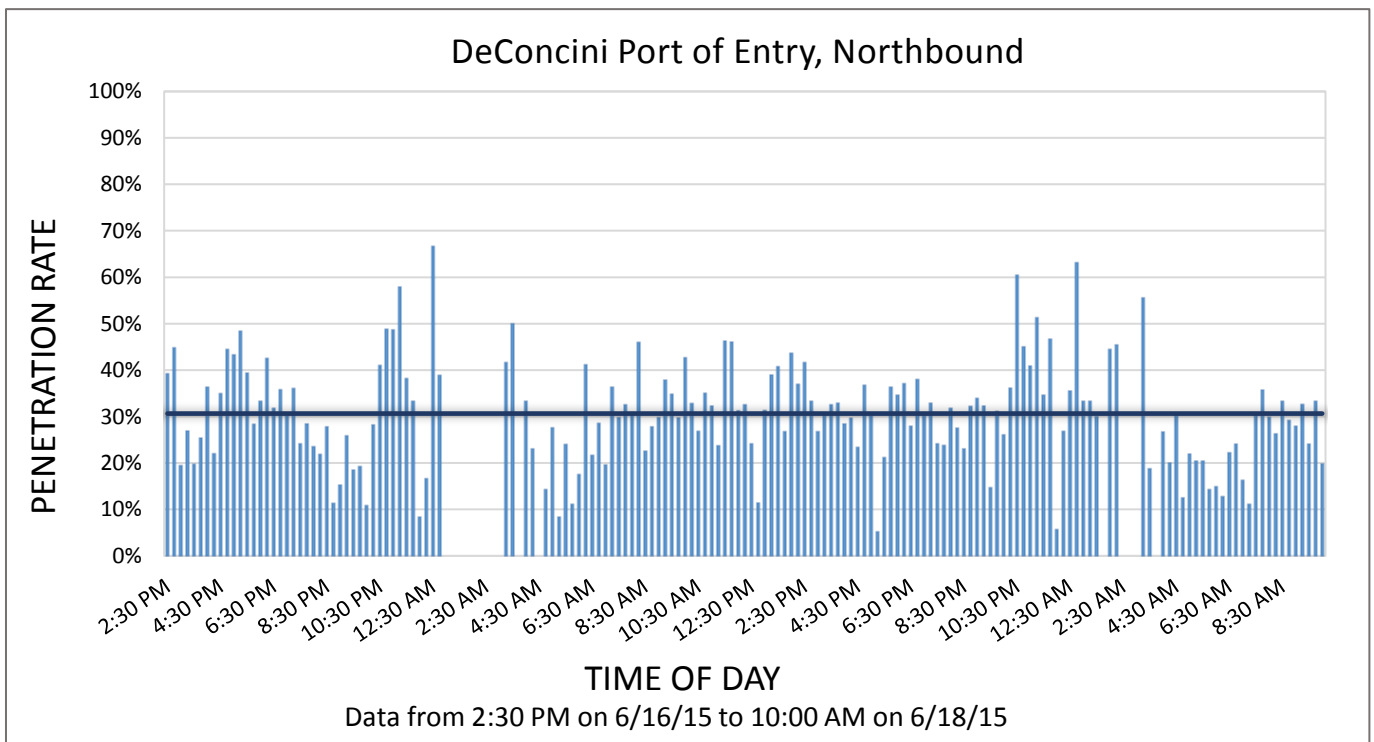
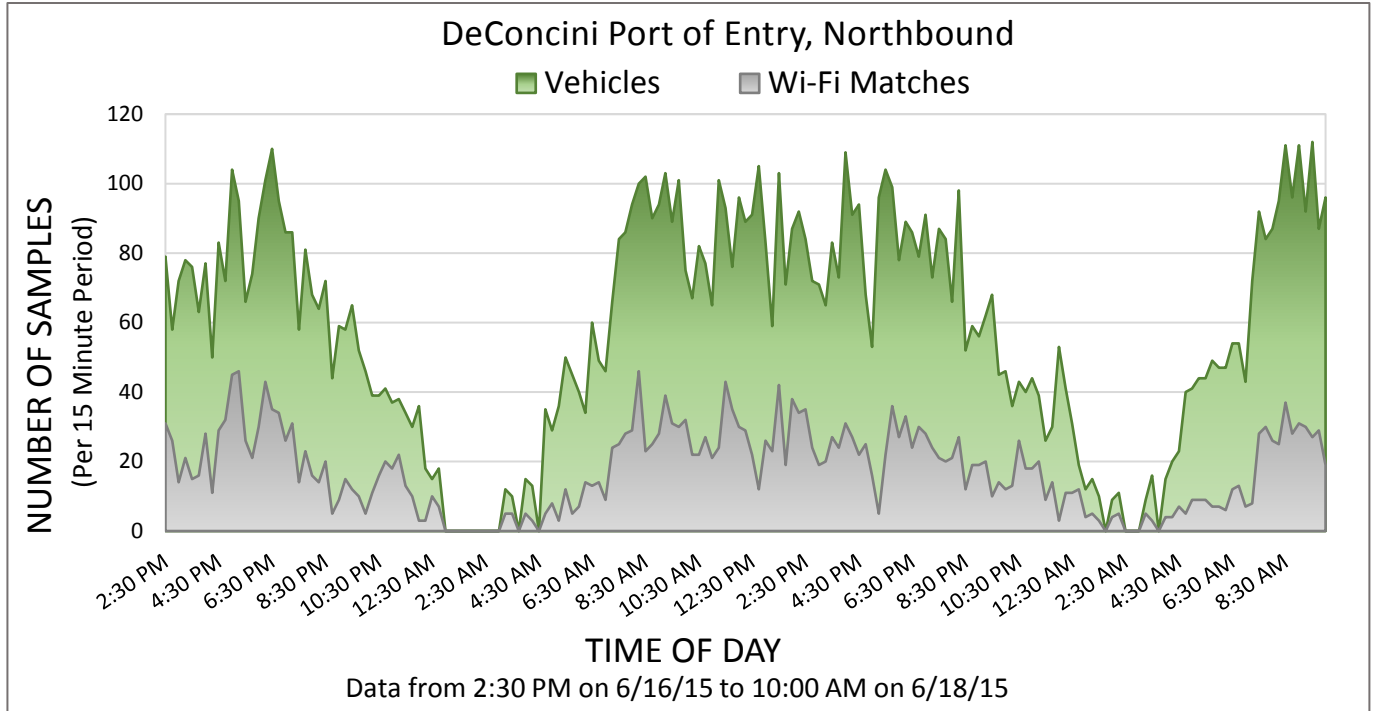


DeConcini Port of Entry

Nogales, Arizona

Tuesday, June 16 - Thursday, June 18, 2015

Northbound - POE to US



Average Penetration Rate: 30.6%

*Note: 15 minute periods with insufficient data were excluded from analysis (< 3 samples; ARID or Miovision)

PENETRATION RATE SUMMARY

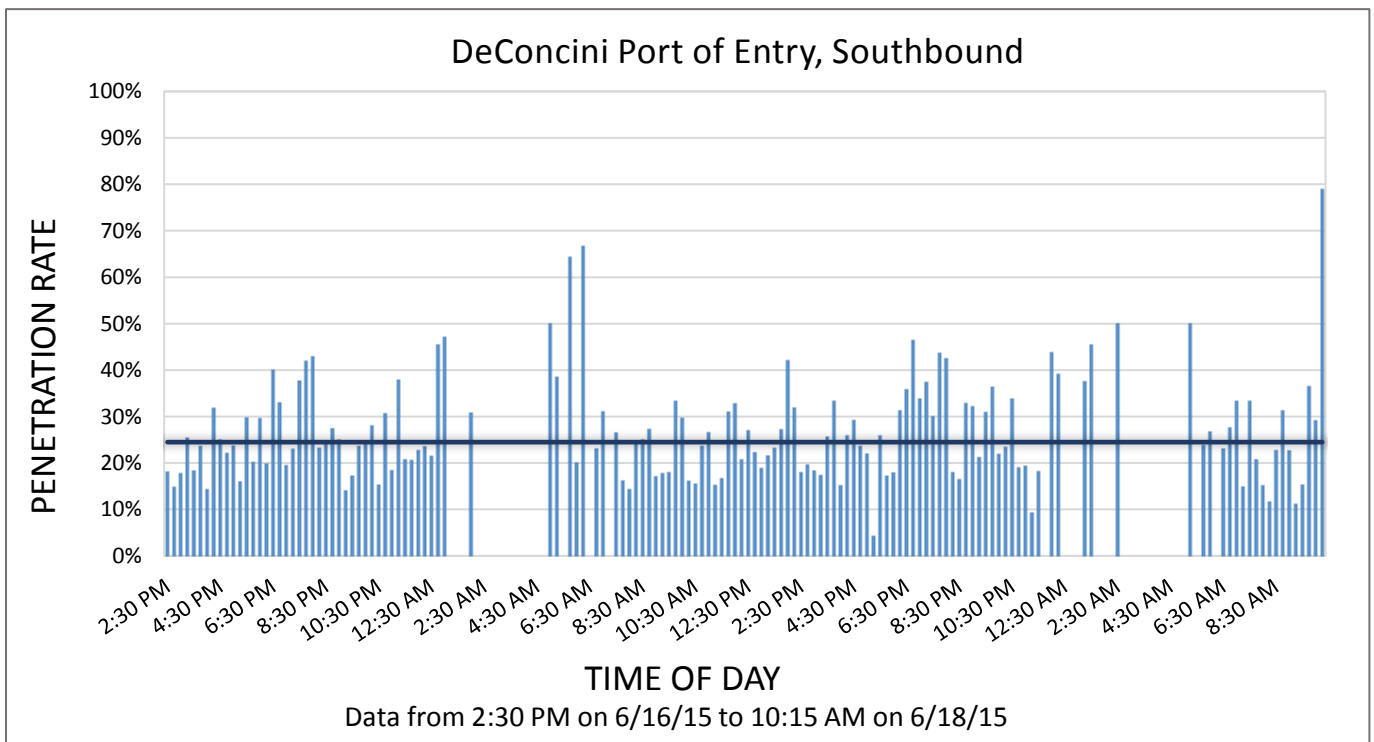
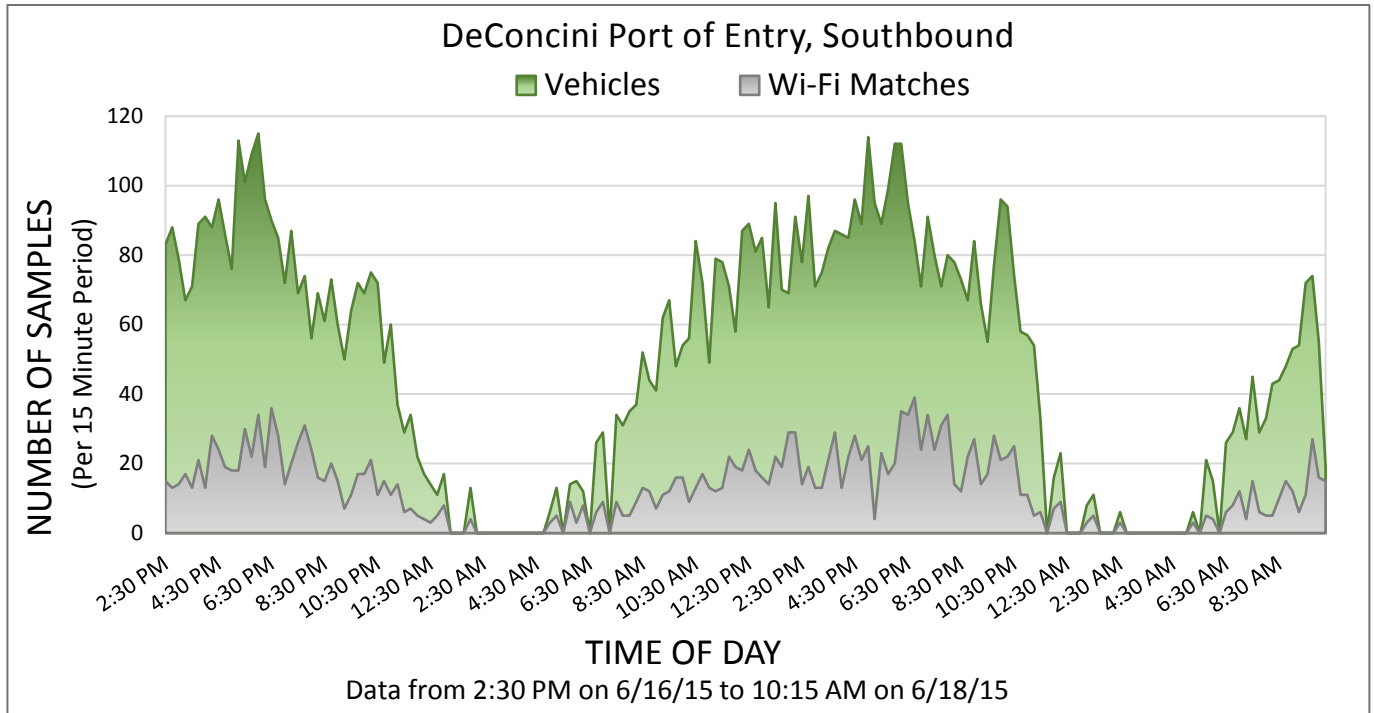


DeConcini Port of Entry

Nogales, Arizona

Tuesday, June 16 - Thursday, June 18, 2015

Southbound - US to POE



Average Penetration Rate: 24.5%

*Note: 15 minute periods with insufficient data were excluded from analysis (< 3 samples; ARID or Miovision)

PENETRATION RATE SUMMARY

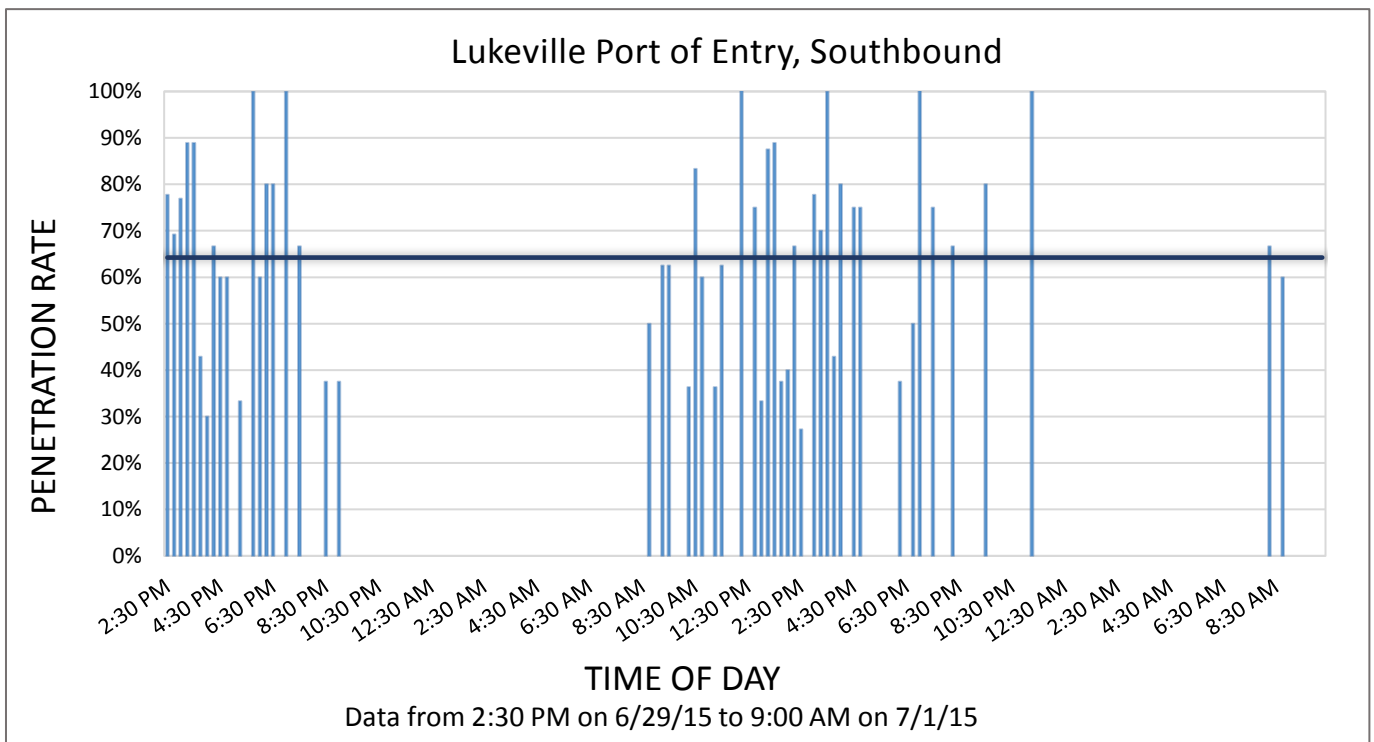
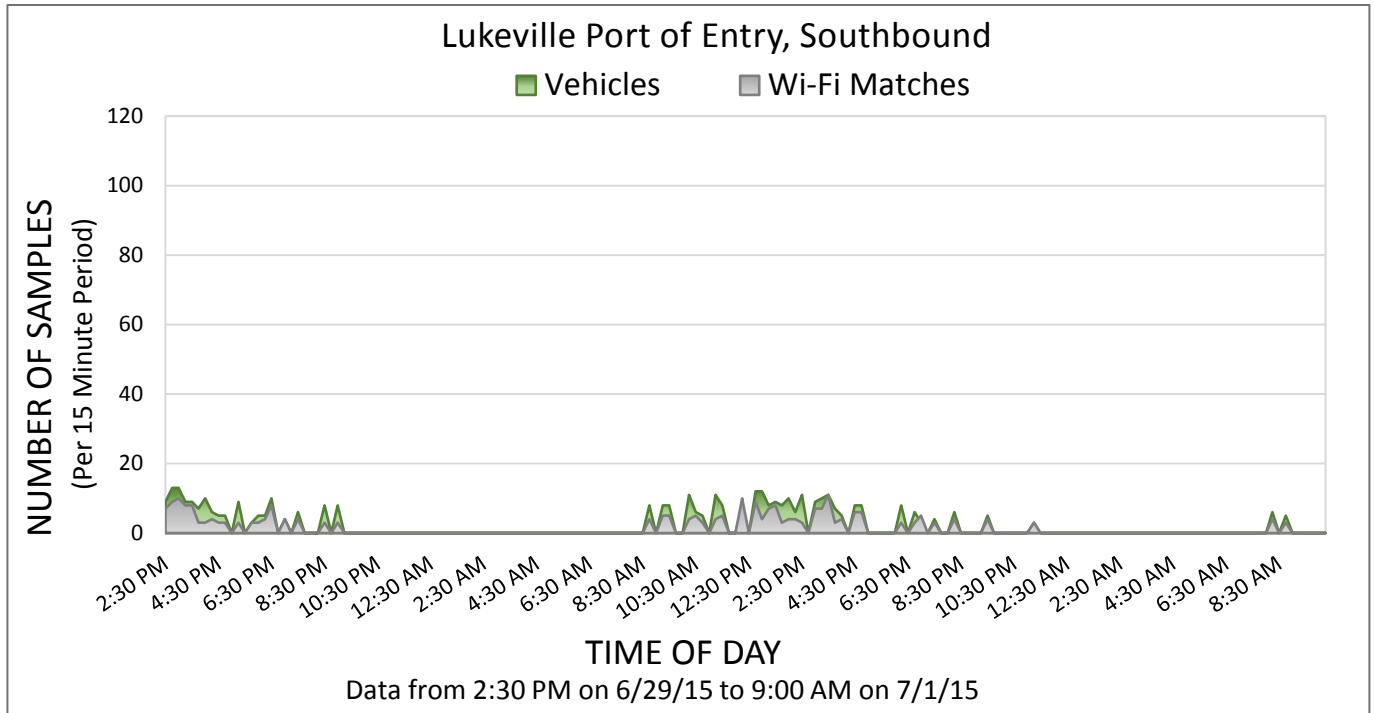


Lukeville Port of Entry

Lukeville, Arizona

Monday, June 29 - Wednesday, July 1, 2015

Southbound - US to POE



Average Penetration Rate:

64.2%

*Note: 15 minute periods with insufficient data were excluded from analysis (< 3 samples; ARID or Miovision)

PENETRATION RATE SUMMARY

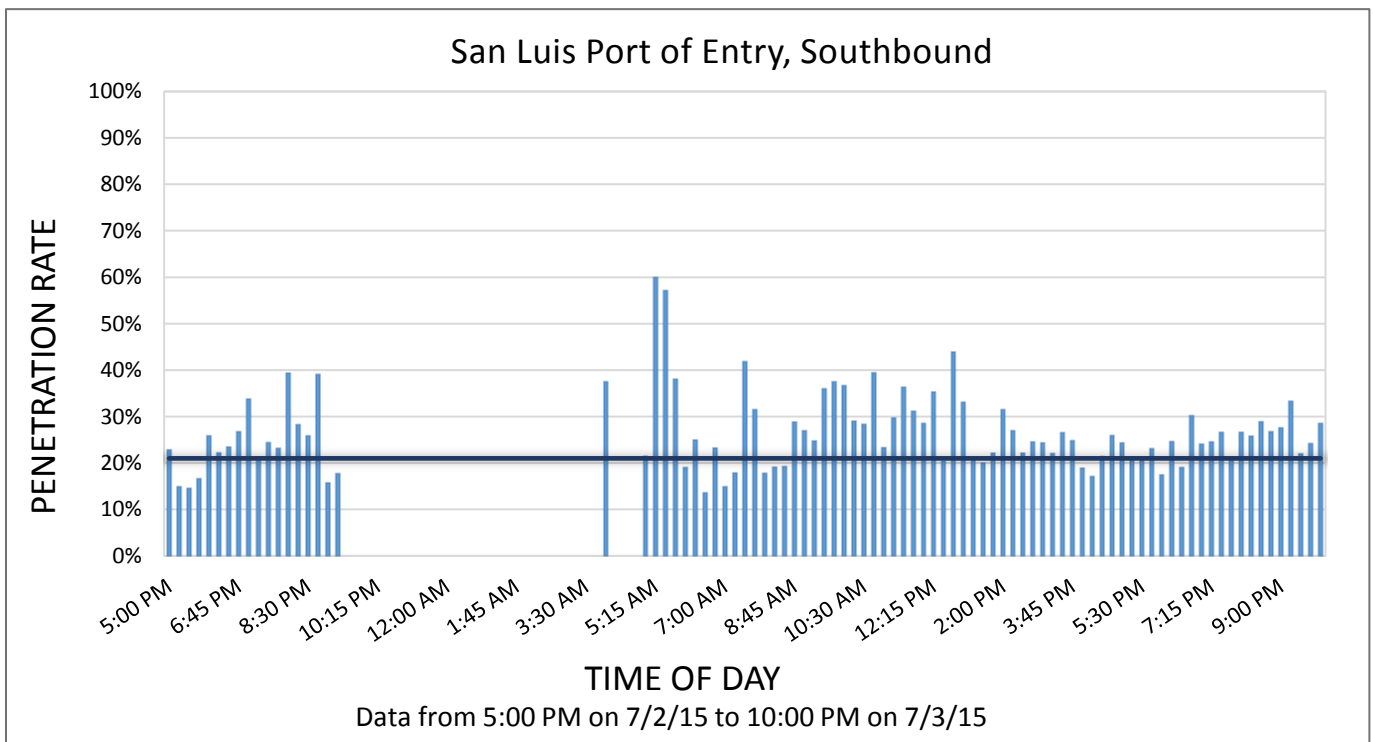
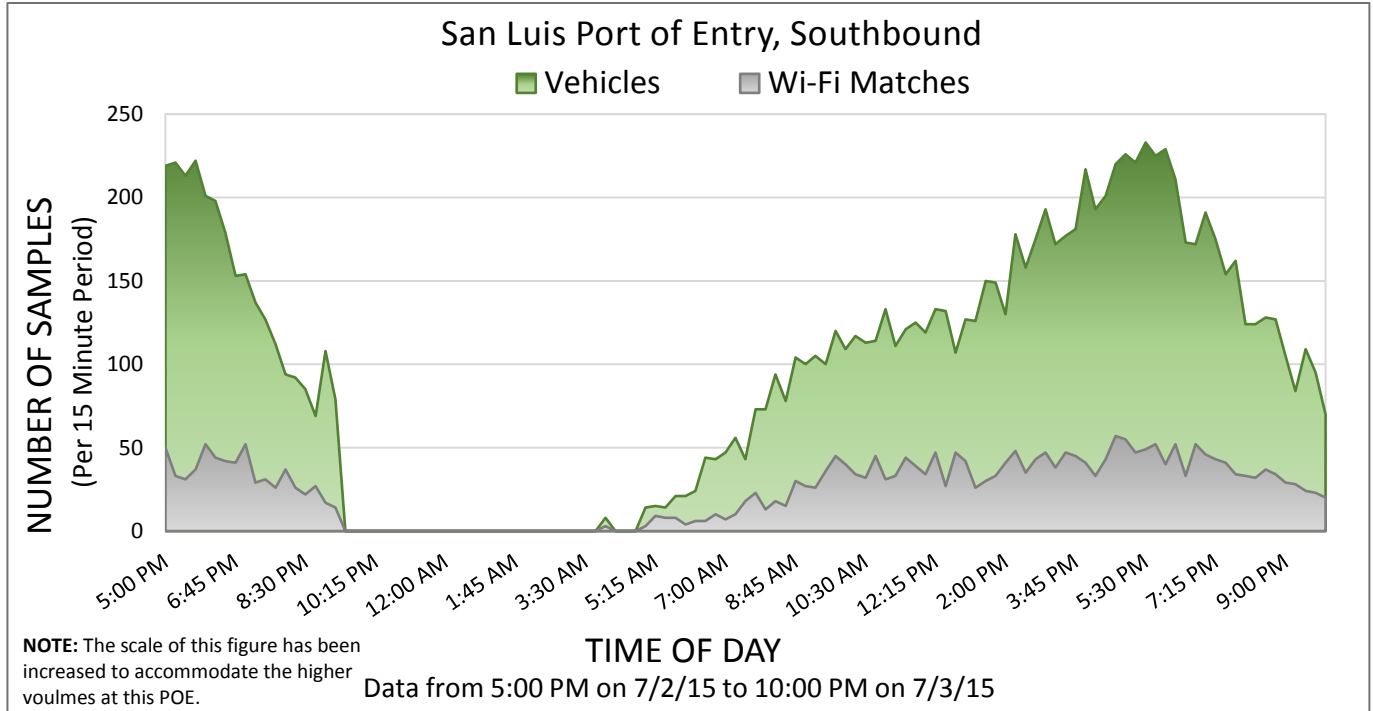


San Luis Port of Entry

San Luis, Arizona

Thursday, July 2 - Saturday, July 4, 2015

Southbound - US to POE



Average Penetration Rate: 21.0%

*Note: 15 minute periods with insufficient data were excluded from analysis (< 3 samples; ARID or Miovision)

APPENDIX D

DELAY DATA

DELAY DATA						Time Required to Travel Segment at Free Flow Condition (seconds):					128
San Luis Port of Entry, Southbound, POE to US (1-4)						July 2 - 4, 2015					
Time (A)	Average Travel Time (Seconds) (B)	Average Vehicle Delay (Seconds) (C)	Average Vehicle Delay (Hours) (D)	Total Volume (Vehicles) (E)	Total Vehicle Delay (Veh-Hours) (F)	A	B	C	D	E	F
						11:45	228	100	0.03	158	4.38
						12:00	177	49	0.01	150	2.04
						12:15	168	40	0.01	148	1.64
0:00				35		12:30	156	28	0.01	146	1.13
0:15	40	-88	-0.02	29	-0.70	12:45	186	58	0.02	129	2.08
0:30				31		13:00	214	86	0.02	141	3.36
0:45				21		13:15	156	28	0.01	129	1.00
1:00				19		13:30	150	22	0.01	151	0.92
1:15				17		13:45	178	50	0.01	160	2.23
1:30				17		14:00	163	35	0.01	171	1.66
1:45				12		14:15	182	54	0.02	181	2.71
2:00				10		14:30	182	54	0.02	172	2.57
2:15				13		14:45	162	34	0.01	180	1.70
2:30				11		15:00	229	101	0.03	178	5.00
2:45				8		15:15	160	32	0.01	179	1.60
3:00				11		15:30	168	40	0.01	174	1.95
3:15				10		15:45	146	18	0.00	185	0.92
3:30				11		16:00	171	44	0.01	204	2.46
3:45				8		16:15	161	33	0.01	207	1.87
4:00	290	162	0.05	9	0.42	16:30	193	65	0.02	195	3.50
4:15	117	-11	0.00	9	-0.03	16:45	193	65	0.02	202	3.64
4:30	219	91	0.03	11	0.27	17:00	187	59	0.02	215	3.51
4:45	229	101	0.03	10	0.29	17:15	164	37	0.01	215	2.18
5:00	208	80	0.02	13	0.28	17:30	184	56	0.02	211	3.29
5:15	151	23	0.01	18	0.12	17:45	175	47	0.01	213	2.79
5:30	152	24	0.01	25	0.16	18:00	221	93	0.03	203	5.28
5:45	194	66	0.02	22	0.40	18:15	232	105	0.03	196	5.68
6:00	129	1	0.00	31	0.01	18:30	202	74	0.02	172	3.56
6:15	130	2	0.00	34	0.02	18:45	190	62	0.02	165	2.83
6:30	134	6	0.00	38	0.06	19:00	192	65	0.02	176	3.16
6:45	117	-11	0.00	52	-0.16	19:15	186	58	0.02	154	2.48
7:00	126	-2	0.00	54	-0.03	19:30	154	26	0.01	147	1.07
7:15	135	7	0.00	65	0.13	19:45	163	35	0.01	138	1.33
7:30	142	14	0.00	57	0.22	20:00	166	38	0.01	132	1.39
7:45	165	37	0.01	83	0.85	20:15	171	43	0.01	118	1.40
8:00	136	8	0.00	86	0.19	20:30	158	30	0.01	107	0.89
8:15	137	9	0.00	103	0.26	20:45	166	38	0.01	106	1.11
8:30	184	56	0.02	106	1.64	21:00	149	21	0.01	106	0.62
8:45	162	34	0.01	114	1.07	21:15	186	58	0.02	89	1.44
9:00	146	18	0.01	126	0.63	21:30	152	24	0.01	94	0.63
9:15	164	36	0.01	115	1.15	21:45	179	51	0.0		

128

DELAY DATA						Time Required to Travel Segment at Free Flow Condition (seconds):						27
Lukeville Port of Entry, Southbound, POE to US (1-2)						June 30 - July 1, 2015						
Time (A)	Average Travel Time (Seconds) (B)	Average Vehicle Delay (Seconds) (C)	Average Vehicle Delay (Hours) (D)	Total Volume (Vehicles) (E)	Total Vehicle Delay (Veh-Hours) (F)	A	B	C	D	E	F	
						11:45	90	63	0.02	5	0.09	
						12:00	55	28	0.01	14	0.11	
						12:15	69	42	0.01	8	0.09	
0:00						12:30	148	121	0.03	10	0.34	
0:15						12:45	57	30	0.01	12	0.10	
0:30						13:00	108	81	0.02	12	0.27	
0:45						13:15	54	27	0.01	8	0.06	
1:00						13:30	96	69	0.02	9	0.17	
1:15						13:45	42	15	0.00	8	0.03	
1:30						14:00	41	14	0.00	10	0.04	
1:45						14:15	54	27	0.01	6	0.04	
2:00						14:30	51	24	0.01	11	0.07	
2:15				1		14:45	87	60	0.02	3	0.05	
2:30						15:00	72	45	0.01	9	0.11	
2:45				1		15:15	40	13	0.00	10	0.04	
3:00						15:30	47	20	0.01	11	0.06	
3:15						15:45	63	36	0.01	7	0.07	
3:30				1		16:00	63	36	0.01	5	0.05	
3:45						16:15	34	7	0.00	6	0.01	
4:00						16:30	108	81	0.02	8	0.18	
4:15						16:45	41	14	0.00	8	0.03	
4:30						17:00	31	4	0.00	9	0.01	
4:45						17:15	50	23	0.01	4	0.03	
5:00						17:30	60	33	0.01	7	0.06	
5:15				1		17:45	48	21	0.01	4	0.02	
5:30				3		18:00	48	21	0.01	5	0.03	
5:45				3		18:15	49	22	0.01	8	0.05	
6:00				1		18:30	54	27	0.01	6	0.05	
6:15				1		18:45	38	11	0.00	6	0.02	
6:30				3		19:00	40	13	0.00	3	0.01	
6:45				3		19:15	29	2	0.00	4	0.00	
7:00				3		19:30	45	18	0.00	4	0.02	
7:15				4		19:45	57	30	0.01	4	0.03	
7:30				5		20:00	50	23	0.01	3	0.02	
7:45				5		20:15	56	29	0.01	6	0.05	
8:00	12	-15	0.00	5	-0.02	20:30	85	58	0.02	9	0.15	
8:15	37	10	0.00	4	0.01	20:45	154	127	0.04	2	0.07	
8:30	105	78	0.02	7	0.15	21:00	33	6	0.00	3	0.01	
8:45	64	37	0.01	7	0.07	21:15	31	4	0.00	1	0.00	
9:00	109	82	0.02	4	0.09	21:30	27	0	0	5	0	
9:15	77	50	0.01	8	0.11	21:45	56	29	0.01	3	0.02	
9:30	50	23	0.01	8	0.05	22:00	0	0	0	6	0	
9:45	35	8	0.00	5	0.01	22:15	15	-12	0.00	3	-0.01	
10:00	39	12	0.00	3	0.01	22:30	90	63	0.02	2	0.04	
10:15	45	18	0.01	11	0.06	22:45	26	-1	0.00	2	0.00	
10:30	104	77	0.02	6	0.13	23:00	39	12	0.00	5	0.02	
10:45	42	15	0.00	5	0.02	23:15	61	34	0.01	3	0.03	
11:00	43	16	0.00	6	0.03	23:30	0	0	0	0	0	
11:15	81	54	0.02	11	0.17	23:45	0	0	0	2	0	
11:30	130	103	0.03	8	0.23							

DELAY DATA

Time Required to Travel Segment at Free
Flow Condition (seconds):

283

Mariposa Port of Entry, Northbound, MEX to POE (3-2)

June 16 - 18, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Delay (Seconds) (C)	Average Delay (Hours) (D)	Average Total Volume (Vehicles) (E)	Average Vehicle Delay (Veh-Hours) (F)	A	B	C	D	E	F
						11:45	587	304	0.08	51	4.31
						12:00		0	0	64	0
						12:15				51	
0:00						12:30	454	171	0.05	51	2.43
0:15						12:45	643	360	0.10	60	5.96
0:30						13:00	654	371	0.10	64	6.60
0:45						13:15	650	367	0.10	50	5.05
1:00						13:30				50	
1:15						13:45		0	0	59	0
1:30						14:00	665	382	0.11	50	5.31
1:45						14:15	370	87	0.02	64	1.54
2:00						14:30	392	109	0.03	61	1.84
2:15						14:45	254	-29	-0.01	62	-0.49
2:30						15:00	434	152	0.04	58	2.42
2:45						15:15	358	76	0.02	71	1.48
3:00						15:30	320	37	0.01	61	0.63
3:15						15:45	282	-1	0.00	53	-0.01
3:30						16:00	612	329	0.09	57	5.16
3:45						16:15	601	319	0.09	72	6.37
4:00						16:30	485	202	0.06	68	3.82
4:15						16:45	434	151	0.04	63	2.62
4:30						17:00	585	303	0.08	56	4.71
4:45						17:15	629	346	0.10	55	5.24
5:00						17:30	803	520	0.14	71	10.26
5:15						17:45	941	658	0.18	67	12.25
5:30						18:00	951	669	0.19	68	12.54
5:45						18:15	717	434	0.12	73	8.81
6:00						18:30	483	201	0.06	66	3.65
6:15				48		18:45	1099	817	0.23	62	14.07
6:30				43		19:00	784	501	0.14	66	9.12
6:45				40		19:15	780	497	0.14	60	8.22
7:00				45		19:30	1019	736	0.20	58	11.86
7:15	292	9	0.00	54	0.14	19:45	753	470	0.13	33	4.31
7:30	231	-51	-0.01	56	-0.80	20:00	313	30	0.01	13	0.11
7:45	496	213	0.06	77	4.57	20:15					
8:00	577	295	0.08	78	6.38	20:30					
8:15	574	292	0.08	70	5.67	20:45					
8:30	430	147	0.04	60	2.44	21:00					
8:45	610	328	0.09	54	4.87	21:15					
9:00	997	714	0.20	65	12.79	21:30					
9:15				67		21:45					
9:30				66		22:00					
9:45				63		22:15					
10:00	803	520	0.14	55	7.88	22:30					
10:15	764	481	0.13	54	7.22	22:45					
10:30				57		23:00					
10:45	872	589	0.16	61	9.93	23:15					
11:00	764	481	0.13	45	5.97	23:30					
11:15	773	490	0.14	71	9.60	23:45					
11:30				54							

DELAY DATA

Time Required to Travel Segment at Free
Flow Condition (seconds):

61

Mariposa Port of Entry, Southbound, MEX to US (1-2)

June 16 - 18, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Vehicle Delay (Seconds) (C)	Average Vehicle Delay (Hours) (D)	Total Volume (Vehicles) (E)	Total Vehicle Delay (Veh-Hours) (F)	A	B	C	D	E	F
						11:45				68	
						12:00	85	24	0.01	65	0.44
						12:15				61	
0:00						12:30				79	
0:15						12:45	102	41	0.01	82	0.94
0:30						13:00				96	
0:45						13:15	88	27	0.01	57	0.43
1:00						13:30	69	8	0.00	80	0.19
1:15						13:45	31	-30	-0.01	87	-0.72
1:30						14:00	94	33	0.01	82	0.76
1:45						14:15	102	41	0.01	78	0.90
2:00						14:30				66	
2:15						14:45				91	
2:30						15:00				81	
2:45						15:15	147	86	0.02	87	2.08
3:00						15:30	74	13	0.00	88	0.32
3:15						15:45	78	17	0.00	96	0.46
3:30						16:00	177	116	0.03	73	2.35
3:45						16:15	106	45	0.01	86	1.08
4:00						16:30				104	
4:15						16:45	114	53	0.01	95	1.41
4:30						17:00	125	64	0.02	105	1.88
4:45						17:15	71	10	0.00	97	0.28
5:00						17:30	110	49	0.01	117	1.59
5:15						17:45	98	37	0.01	136	1.41
5:30						18:00	59	-2	0.00	114	-0.05
5:45						18:15	66	5	0.00	104	0.16
6:00				31		18:30	95	34	0.01	116	1.11
6:15				47		18:45	107	46	0.01	117	1.51
6:30				89		19:00	79	18	0.01	95	0.49
6:45	155	94	0.03	66	1.72	19:15	84	23	0.01	90	0.59
7:00	64	3	0.00	63	0.06	19:30				80	
7:15	73	12	0.00	57	0.19	19:45				35	
7:30	75	14	0.00	52	0.21	20:00					
7:45	67	6	0.00	57	0.10	20:15					
8:00	195	134	0.04	44	1.64	20:30					
8:15	75	14	0.00	52	0.21	20:45					
8:30	75	14	0.00	61	0.24	21:00					
8:45	61	0	0.00	60	0.01	21:15					
9:00	370	309	0.09	66	5.67	21:30					
9:15				61		21:45					
9:30				57		22:00					
9:45				66		22:15					
10:00				55		22:30					
10:15	84	23	0.01	61	0.39	22:45					
10:30				64		23:00					
10:45	158	97	0.03	48	1.30	23:15					
11:00				71		23:30					
11:15	356	295	0.08	76	6.24	23:45					
11:30	250	189	0.05	69	3.63						

DELAY DATA

Time Required to Travel Segment at Free
Flow Condition (seconds):

167

DeConcini Port of Entry, Northbound, MEX to US (3-1)

June 16 - 18, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Delay (Seconds) (C)	Average Delay (Hours) (D)	Average Total Volume (Vehicles) (E)	Average Vehicle Delay (Veh-Hours) (F)	A	B	C	D	E	F
						11:45	12:00	12:15	12:30	12:45	13:00
0:00	316	149	0.04	45	1.85	577	410	0.11	79	9.00	8.13
0:15	478	312	0.09	30	2.55	503	336	0.09	87	7.26	3.86
0:30	471	304	0.08	23	1.94	462	295	0.08	77	3.10	3.86
0:45	343	177	0.05	19	0.91	347	180	0.05	108	5.65	7.92
1:00	547	380	0.11	13	1.32	270	103	0.03	66	4.29	6.34
1:15	275	109	0.03	12	0.36	352	185	0.05	75	2.83	5.05
1:30	226	60	0.02	13	0.21	477	310	0.09	82	2.72	2.88
1:45	244	77	0.02	8	0.16	441	274	0.08	104	4.57	5.12
2:00	89	-78	-0.02	7	-0.15	422	255	0.07	61	2.84	6.52
2:15	342	175	0.05	8	0.37	432	265	0.07	86	3.26	3.82
2:30	48	-119	-0.03	4	-0.12	422	255	0.07	86	4.58	5.97
2:45	226	59	0.02	7	0.11	432	265	0.07	86	6.61	3.56
3:00	192	25	0.01	9	0.06	290	123	0.03	13	8.64	5.19
3:15	207	40	0.01	11	0.12	419	252	0.07	93	3.30	3.48
3:30	290	123	0.03	13	0.45	333	166	0.05	71	5.93	6.02
3:45	129	-37	-0.01	10	-0.10	322	156	0.04	89	4.72	0.28
4:00	264	97	0.03	15	0.40	402	236	0.07	70	1.73	2.48
4:15	251	84	0.02	17	0.38	440	274	0.08	79	4.11	1.93
4:30	340	174	0.05	22	1.06	416	249	0.07	96	0.26	0.84
4:45	287	120	0.03	38	1.25	416	249	0.07	96	0.76	0.13
5:00	238	71	0.02	35	0.69	317	151	0.04	85	-0.02	2.61
5:15	226	59	0.02	40	0.66	526	360	0.10	87	1.56	2.69
5:30	264	97	0.03	47	1.27	389	222	0.06	84	4.13	5.06
5:45	268	101	0.03	47	1.32	292	125	0.03	95	5.62	4.86
6:00	202	35	0.01	44	0.43	294	128	0.04	98	4.82	
6:15	182	15	0.00	41	0.17	412	245	0.07	89		
6:30	172	5	0.00	57	0.08	412	245	0.07	89		
6:45	137	-30	-0.01	52	-0.42	380	214	0.06	80		
7:00	167	1	0.00	45	0.01	181	14	0.00	73		
7:15	204	37	0.01	69	0.71	242	75	0.02	83		
7:30	207	40	0.01	88	0.98	200	133	0.04	67		
7:45	198	31	0.01	85	0.73	349	183	0.05	81		
8:00	218	52	0.01	91	1.30	279	112	0.03	62		
8:15	278	112	0.03	98	3.02	185	18	0.01	52		
8:30	265	98	0.03	107	2.91	219	52	0.01	58		
8:45	251	84	0.02	93	2.17	212	46	0.01	60		
9:00	386	220	0.06	100	6.10	174	7	0.00	67		
9:15	331	164	0.05	97	4.40	165	-2	0.00	49		
9:30	437	270	0.07	92	6.87	371	204	0.06	46		
9:45	322	156	0.04	93	4.02	316	149	0.04	38		
10:00	345	179	0.05	85	4.24	403	237	0.07	41		
10:15	437	271	0.08	58	4.36	534	367	0.10	41		
10:30	416	249	0.07	88	6.06	617	450	0.12	41		
10:45	446	279	0.08	89	6.90	692	525	0.15	39		
11:00	483	316	0.09	70	6.11	750	583	0.16	30		
11:15	713	546	0.15	94	14.26	745	578	0.16	30		
11:30	515	348	0.10	92	8.85						

DELAY DATA						Time Required to Travel Segment at Free Flow Condition (seconds):						120
DeConcini Port of Entry, Southbound, MEX to US (1-3)											June 16 - 18, 2015	
Time (A)	Average Travel Time (Seconds) (B)	Average Vehicle Delay (Seconds) (C)	Average Vehicle Delay (Hours) (D)	Total Volume (Vehicles) (E)	Total Vehicle Delay (Veh-Hours) (F)	A	B	C	D	E	F	
						11:45	166	46	0.01	71	0.91	
						12:00	196	76	0.02	58	1.22	
						12:15	185	65	0.02	71	1.28	
0:00	162	42	0.01	19	0.22	12:30	190	70	0.02	87	1.69	
0:15	239	119	0.03	20	0.66	12:45	145	25	0.01	79	0.55	
0:30	130	10	0.00	13	0.04	13:00	196	76	0.02	69	1.46	
0:45	149	28	0.01	11	0.09	13:15	153	33	0.01	70	0.64	
1:00	242	122	0.03	13	0.44	13:30	188	68	0.02	91	1.72	
1:15	110	-10	0.00	7	-0.02	13:45	162	42	0.01	76	0.89	
1:30	134	14	0.00	9	0.03	14:00	182	62	0.02	81	1.39	
1:45	134	13	0.00	11	0.04	14:15	158	38	0.01	87	0.92	
2:00	165	45	0.01	10	0.12	14:30	180	60	0.02	81	1.35	
2:15	128	8	0.00	10	0.02	14:45	154	34	0.01	93	0.86	
2:30	143	23	0.01	7	0.04	15:00	140	20	0.01	75	0.42	
2:45	176	56	0.02	3	0.05	15:15	155	35	0.01	71	0.69	
3:00				4		15:30	149	29	0.01	77	0.62	
3:15	116	-4	0.00	4	0.00	15:45	223	103	0.03	88	2.52	
3:30	185	65	0.02	3	0.05	16:00	205	84	0.02	89	2.08	
3:45	224	104	0.03	3	0.07	16:15	171	51	0.01	87	1.23	
4:00	210	89	0.02	3	0.06	16:30	158	38	0.01	96	1.02	
4:15	245	125	0.03	5	0.17	16:45	153	33	0.01	88	0.81	
4:30	124	4	0.00	4	0.00	17:00	177	57	0.02	95	1.50	
4:45	177	57	0.02	9	0.13	17:15	167	47	0.01	104	1.37	
5:00	387	266	0.07	9	0.67	17:30	187	67	0.02	95	1.77	
5:15	276	156	0.04	10	0.41	17:45	188	68	0.02	104	1.95	
5:30	108	-13	0.00	14	-0.05	18:00	230	110	0.03	114	3.46	
5:45	141	21	0.01	18	0.10	18:15	241	121	0.03	104	3.50	
6:00	183	63	0.02	15	0.26	18:30	215	95	0.03	93	2.43	
6:15	120	0	0.00	14	0.00	18:45	193	73	0.02	85	1.71	
6:30	176	56	0.02	25	0.38	19:00	168	48	0.01	72	0.95	
6:45	124	4	0.00	28	0.03	19:15	169	49	0.01	89	1.21	
7:00	189	69	0.02	33	0.62	19:30	191	71	0.02	75	1.48	
7:15	129	9	0.00	27	0.07	19:45	245	125	0.03	73	2.52	
7:30	149	29	0.01	40	0.32	20:00	207	87	0.02	68	1.65	
7:45	135	15	0.00	30	0.13	20:15	151	30	0.01	74	0.62	
8:00	137	17	0.00	34	0.16	20:30	170	50	0.01	67	0.94	
8:15	120	-1	0.00	40	-0.01	20:45	152	31	0.01	70	0.61	
8:30	167	47	0.01	48	0.63	21:00	161	41	0.01	72	0.82	
8:45	155	35	0.01	46	0.45	21:15	123	3	0.00	58	0.05	
9:00	142	22	0.01	46	0.28	21:30	137	17	0.00	60	0.27	
9:15	150	30	0.01	59	0.49	21:45	158	38	0.01	75	0.78	
9:30	132	12	0.00	69	0.23	22:00	144	24	0.01	83	0.55	
9:45	182	62	0.02	62	1.06	22:15	147	27	0.01	85	0.62	
10:00	127	7	0.00	55	0.11	22:30	175	55	0.02	73	1.12	
10:15	143	23	0.01	51	0.32	22:45	163	43	0.01	54	0.64	
10:30	183	62	0.02	70	1.21	23:00	157	37	0.01	59	0.60	
10:45	157	37	0.01	67	0.68	23:15	125	5	0.00	46	0.07	
11:00	164	44	0.01	59	0.71	23:30	120	0	0.00	31	0.00	
11:15	171	51	0.01	78	1.10	23:45	138	17	0.00	29	0.14	
11:30	130	10	0.00	70	0.19							

DELAY DATA

Time Required to Travel Segment at Free
Flow Condition (seconds):

39

Naco Port of Entry, Northbound, POE to US (2-1)

June 18 - 20, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Delay (Seconds) (C)	Average Delay (Hours) (D)	Average Total Volume (Vehicles) (E)	Average Vehicle Delay (Veh-Hours) (F)	A	B	C	D	E	F
						11:45	12:00	12:15	12:30	12:45	13:00
0:00	51	12	0.00			91	126	136	58	19	0.01
0:15	62	23	0.01	1	0.00	126	87	97	60	60	0.02
0:30	70	31	0.01	1	0.00	136	87	97	60	60	0.02
0:45	49	10	0.00	1	0.00	12:30	58	19	0.01	6	0.03
1:00						12:45	99	60	0.02	6	0.10
1:15	63	24	0.01			13:00	46	7	0.00	6	0.01
1:30	45	6	0.00			13:15	107	68	0.02	8	0.14
1:45	39					13:30	114	75	0.02	7	0.14
2:00	47	8	0.00			13:45	89	50	0.01	5	0.06
2:15	58	19	0.01	2	0.01	14:00	67	28	0.01	8	0.06
2:30				1		14:15	95	56	0.02	11	0.16
2:45	59	20	0.01			14:30	99	60	0.02	5	0.08
3:00	91	52	0.01	1	0.01	14:45	87	48	0.01	3	0.04
3:15				1		15:00	99	60	0.02	6	0.10
3:30	72	33	0.01			15:15	80	41	0.01	5	0.05
3:45	29	-10	0.00	1	0.00	15:30	125	86	0.02	7	0.15
4:00				1		15:45	92	53	0.01	7	0.09
4:15				1		16:00	116	77	0.02	7	0.15
4:30	54	15	0.00	2	0.01	16:15	92	53	0.01	5	0.07
4:45	67	28	0.01	1	0.01	16:30	101	62	0.02	5	0.09
5:00	41	2	0.00	1	0.00	16:45	72	33	0.01	3	0.02
5:15	61	22	0.01	3	0.02	17:00	156	117	0.03	4	0.11
5:30	98	59	0.02	2	0.03	17:15	108	69	0.02	9	0.16
5:45	56	17	0.00	3	0.01	17:30	88	49	0.01	6	0.07
6:00	91	52	0.01	2	0.03	17:45	76	37	0.01	8	0.08
6:15	59	20	0.01	5	0.03	18:00	89	50	0.01	6	0.08
6:30	51	12	0.00	3	0.01	18:15	90	51	0.01	2	0.03
6:45	70	31	0.01	2	0.01	18:30	41	2	0.00	3	0.00
7:00	86	47	0.01	6	0.07	18:45	37	-2	0.00	6	0.00
7:15	76	37	0.01	6	0.06	19:00	163	124	0.03	4	0.12
7:30	25	-14	0.00	5	-0.02	19:15	0	0	0	3	0
7:45	54	15	0.00	6	0.02	19:30	59	20	0.01	4	0.02
8:00	52	13	0.00	5	0.02	19:45	63	24	0.01	5	0.03
8:15	98	59	0.02	7	0.12	20:00	60	21	0.01	1	0.01
8:30	93	54	0.02	3	0.05	20:15	0	0	0	5	0
8:45	51	12	0.00	3	0.01	20:30	41	2	0.00	2	0.00
9:00	148	109	0.03	6	0.17	20:45	58	19	0.01	6	0.03
9:15	86	47	0.01	6	0.07	21:00	72	33	0.01	5	0.04
9:30	84	45	0.01	6	0.07	21:15	36	-3	0.00	2	0.00
9:45	83	44	0.01	8	0.09	21:30	81	42	0.01	2	0.02
10:00	44	5	0.00	4	0.00	21:45	39	0	0	3	0
10:15	117	78	0.02	6	0.13	22:00	82	43	0.01	3	0.04
10:30	109	70	0.02	5	0.10	22:15	60	21	0.01	4	0.02
10:45	94	55	0.02	5	0.08	22:30	81	42	0.01	2	0.02
11:00	118	79	0.02	8	0.18	22:45	299	260	0.07	2	0.11
11:15	184	145	0.04	8	0.30	23:00	0	0	0	2	0
11:30	97	58	0.02	7	0.11	23:15	71	32	0.01	4	0.04
						23:30	48	9	0.00	2	0.00
						23:45	123	84	0.02	2	0.05

DELAY DATA

Time Required to Travel Segment at Free
Flow Condition (seconds):

45

Naco Port of Entry, Southbound, POE to US (1-2)

June 18 - 20, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Vehicle Delay (Seconds) (C)	Average Vehicle Delay (Hours) (D)	Total Volume (Vehicles) (E)	Total Vehicle Delay (Veh-Hours) (F)	A	B	C	D	E	F
						11:45	54	9	0.00	13	0.03
						12:00	65	20	0.01	9	0.05
12:15	49	4	0.00	14	0.02						
0:00	54	9	0.00	3	0.01	12:30	51	6	0.00	11	0.02
0:15				2		12:45	59	14	0.00	15	0.06
0:30	47	2	0.00	4	0.00	13:00	65	20	0.01	10	0.06
0:45				1		13:15	51	6	0.00	15	0.02
1:00				2		13:30	59	14	0.00	15	0.06
1:15				1		13:45	55	10	0.00	12	0.03
1:30						14:00	52	7	0.00	15	0.03
1:45				1		14:15	59	14	0.00	15	0.06
2:00				1		14:30	58	13	0.00	15	0.06
2:15				1		14:45	78	33	0.01	18	0.16
2:30						15:00	57	12	0.00	14	0.04
2:45				1		15:15	71	26	0.01	17	0.12
3:00	91	46	0.01	1	0.01	15:30	49	4	0.00	23	0.02
3:15	91	46	0.01	1	0.01	15:45	61	16	0.00	22	0.09
3:30	32	-13	0.00	1	0.00	16:00	48	3	0.00	14	0.01
3:45						16:15	52	7	0.00	20	0.04
4:00						16:30	50	5	0.00	22	0.03
4:15						16:45	47	2	0.00	19	0.01
4:30						17:00	51	6	0.00	24	0.04
4:45				1		17:15	68	23	0.01	19	0.12
5:00				1		17:30	56	11	0.00	22	0.06
5:15				1		17:45	54	9	0.00	26	0.07
5:30				3		18:00	72	27	0.01	24	0.18
5:45				1		18:15	48	3	0.00	25	0.02
6:00				2		18:30	56	11	0.00	29	0.09
6:15	74	29	0.01	2	0.01	18:45	67	22	0.01	13	0.08
6:30	61	16	0.00	5	0.02	19:00	50	5	0.00	25	0.03
6:45	144	99	0.03	4	0.11	19:15	51	6	0.00	22	0.04
7:00				3		19:30	62	17	0.00	25	0.12
7:15	67	22	0.01	5	0.03	19:45	79	34	0.01	15	0.14
7:30	93	48	0.01	8	0.11	20:00	54	9	0.00	18	0.05
7:45	50	5	0.00	6	0.01	20:15	58	13	0.00	16	0.06
8:00	54	9	0.00	6	0.01	20:30	48	3	0.00	15	0.01
8:15	49	4	0.00	14	0.02	20:45	49	4	0.00	19	0.02
8:30	64	19	0.01	12	0.06	21:00	53	8	0.00	26	0.06
8:45	45			9		21:15	54	9	0.00	19	0.05
9:00	78	33	0.01	6	0.05	21:30	60	15	0.00	12	0.05
9:15	85	40	0.01	9	0.09	21:45	69	24	0.01	16	0.11
9:30	48	3	0.00	11	0.01	22:00	52	7	0.00	11	0.02
9:45	73	28	0.01	13	0.10	22:15	51	6	0.00	12	0.02
10:00	48	3	0.00	10	0.01	22:30	45	0	0	9	0
10:15	78	33	0.01	10	0.09	22:45	81	36	0.01	6	0.06
10:30	58	13	0.00	13	0.05	23:00	96	51	0.01	6	0.09
10:45	79	34	0.01	13	0.12	23:15	38	-7	0.00	8	-0.02
11:00	59	14	0.00	12	0.04	23:30	93	48	0.01	8	0.11
11:15	66	21	0.01	11	0.06	23:45	77	32	0.01	7	0.06
11:30	41	-4	0.00	13	-0.01						

DELTAY DATA

Time Required to Travel Segment at Free
Flow Condition (seconds):

86

Douglas Port of Entry (US), Northbound, POE to US (2-1)

June 18 - 21, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Delay (Seconds) (C)	Average Delay (Hours) (D)	Average Total Volume (Vehicles) (E)	Average Vehicle Delay (Veh-Hours) (F)	A	B	C	D	E	F
						11:45	12:00	12:15	12:30	12:45	13:00
0:00	212	126	0.04	31	1.07	266	264	234	289	203	0.05
0:15	235	149	0.04	21	0.87	180	178	148	176	176	0.05
0:30	200	114	0.03	17	0.54	78	81	72	81	81	0.06
0:45	207	121	0.03	13	0.44	3.89	3.99	2.96	4.57	4.57	0.07
1:00	155	69	0.02	16	0.30	80	69	74	77	77	0.07
1:15	138	52	0.01	14	0.20	5.53	4.62	3.40	3.77	3.77	0.05
1:30	180	94	0.03	10	0.27	3.79	2.47	2.75	2.75	2.75	0.05
1:45	178	92	0.03	11	0.28	2.47	2.79	2.75	2.75	2.75	0.04
2:00	115	29	0.01	12	0.10	2.75	2.05	2.05	2.05	2.05	0.03
2:15	305	219	0.06	13	0.79	2.05	3.69	2.24	3.72	3.72	0.03
2:30	234	148	0.04	9	0.37	3.69	2.24	3.72	3.13	3.13	0.04
2:45	207	121	0.03	11	0.38	2.24	3.72	3.13	4.43	4.43	0.05
3:00	179	93	0.03	5	0.14	3.72	3.13	4.43	1.86	1.86	0.03
3:15	223	137	0.04	11	0.42	3.13	4.43	1.86	5.39	5.39	0.07
3:30	279	193	0.05	20	1.07	4.43	1.86	5.39	3.28	3.28	0.04
3:45	473	387	0.11	16	1.72	1.86	5.39	3.28	1.54	1.54	0.02
4:00	496	410	0.11	11	1.29	5.39	3.28	1.54	2.54	2.54	0.04
4:15	244	158	0.04	15	0.64	3.28	1.54	2.54	3.25	3.25	0.05
4:30	173	87	0.02	17	0.41	2.54	3.25	3.31	1.98	1.98	0.03
4:45	198	112	0.03	18	0.55	3.25	3.31	1.98	2.03	2.03	0.03
5:00	196	110	0.03	20	0.61	1.98	2.03	4.03	2.77	2.77	0.04
5:15	199	113	0.03	20	0.62	2.03	4.03	2.77	2.11	2.11	0.03
5:30	297	211	0.06	25	1.47	2.77	2.11	2.09	1.99	1.99	0.03
5:45	248	162	0.05	26	1.17	2.11	2.09	1.99	1.63	1.63	0.02
6:00	252	166	0.05	25	1.14	1.99	1.63	1.66	2.27	2.27	0.04
6:15	171	85	0.02	26	0.62	1.66	2.27	1.48	1.11	1.11	0.02
6:30	176	90	0.03	26	0.66	1.48	1.11	1.24	1.19	1.19	0.02
6:45	280	194	0.05	40	2.18	1.11	1.24	1.19	1.18	1.18	0.02
7:00	224	138	0.04	38	1.44	1.19	1.18	0.98	0.77	0.77	0.02
7:15	146	60	0.02	39	0.64	0.98	0.77	1.20	0.61	0.61	0.01
7:30	175	89	0.02	43	1.07	1.20	0.61	1.20	1.20	1.20	0.03
7:45	188	102	0.03	48	1.35	1.20	1.20	1.20	1.20	1.20	0.02
8:00	308	222	0.06	65	3.99	1.20	1.20	1.20	1.20	1.20	0.02
8:15	269	183	0.05	61	3.08	1.20	1.20	1.20	1.20	1.20	0.02
8:30	243	157	0.04	64	2.77	1.20	1.20	1.20	1.20	1.20	0.02
8:45	270	184	0.05	62	3.14	1.20	1.20	1.20	1.20	1.20	0.02
9:00	343	257	0.07	74	5.28	1.20	1.20	1.20	1.20	1.20	0.02
9:15	356	270	0.07	67	5.02	1.20	1.20	1.20	1.20	1.20	0.02
9:30	308	222	0.06	78	4.80	1.20	1.20	1.20	1.20	1.20	0.02
9:45	290	204	0.06	64	3.60	1.20	1.20	1.20	1.20	1.20	0.03
10:00	376	290	0.08	75	6.04	1.20	1.20	1.20	1.20	1.20	0.01
10:15	249	163	0.05	78	3.50	1.20	1.20	1.20	1.20	1.20	0.03
10:30	295	209	0.06	84	4.87	1.20	1.20	1.20	1.20	1.20	0.02
10:45	255	169	0.05	71	3.30	1.20	1.20	1.20	1.20	1.20	0.01
11:00	307	221	0.06	69	4.21	1.20	1.20	1.20	1.20	1.20	0.01
11:15	299	213	0.06	76	4.49	1.20	1.20	1.20	1.20	1.20	0.01
11:30	332	246	0.07	83	5.64	1.20	1.20	1.20	1.20	1.20	0.01

DELAY DATA

Time Required to Travel Segment at Free
Flow Condition (seconds):

57

Douglas Port of Entry (US), Southbound, POE to US (1-2)

June 18 - 21, 2015

Time (A)	Average Travel Time (Seconds) (B)	Average Vehicle Delay (Seconds) (C)	Average Vehicle Delay (Hours) (D)	Total Volume (Vehicles) (E)	Total Vehicle Delay (Veh-Hours) (F)	A	B	C	D	E	F
						11:45	12:00	12:15	12:30	12:45	13:00
0:00	107	50	0.01	15	0.21	162	196	200	145	88	105
0:15	147	90	0.02	15	0.37	105	139	143	89	32	105
0:30	61	4	0.00	12	0.02	68	73	73	65	0.01	73
0:45	91	34	0.01	9	0.08	2.61	2.89	1.67	0.57	0.03	73
1:00	64	7	0.00	8	0.02	1.45	0.77	0.34	0.02	0.01	75
1:15	66	9	0.00	6	0.01	0.77	0.34	0.44	0.01	0.00	62
1:30	69	12	0.00	4	0.01	0.34	0.44	0.74	0.00	0.00	75
1:45	64	7	0.00	6	0.01	0.74	0.82	0.56	0.01	0.01	75
2:00	63	6	0.00	2	0.00	0.82	0.56	0.70	0.01	0.01	73
2:15	66	9	0.00	4	0.01	0.56	0.70	1.26	0.01	0.01	79
2:30	89	32	0.01	3	0.03	1.26	1.95	0.74	0.01	0.01	79
2:45	96	39	0.01	2	0.03	1.95	0.74	0.77	0.02	0.03	78
3:00	79	22	0.01	4	0.02	0.74	0.77	1.14	0.03	0.03	72
3:15	48	-9	0.00	3	-0.01	0.77	1.14	0.72	0.01	0.01	84
3:30	45	-12	0.00	2	-0.01	1.14	0.72	3.52	0.01	0.01	90
3:45	50	-7	0.00	3	-0.01	0.72	3.52	3.66	0.02	0.04	81
4:00	307	250	0.07	2	0.16	3.66	5.18	4.68	0.04	0.06	92
4:15	132	75	0.02	2	0.05	5.18	4.68	6.35	0.06	0.07	86
4:30	115	58	0.02	3	0.05	6.35	8.84	9.85	0.07	0.10	86
4:45	78	21	0.01	4	0.02	8.84	9.85	9.03	0.10	0.11	87
5:00	55	-2	0.00	5	0.00	9.03	9.18	8.91	0.11	0.10	86
5:15	96	40	0.01	7	0.08	8.91	8.13	8.58	0.10	0.12	70
5:30	57	0	0.00	6	0.00	8.13	8.58	7.05	0.12	0.08	85
5:45	124	67	0.02	7	0.13	7.05	8.79	8.06	0.08	0.11	76
6:00	103	46	0.01	14	0.17	8.06	6.01	9.68	0.11	0.08	75
6:15	73	16	0.00	13	0.06	9.68	8.65	7.49	0.08	0.11	67
6:30	61	4	0.00	21	0.02	7.49	4.52	2.34	0.11	0.07	66
6:45	63	6	0.00	21	0.04	4.52	2.34	2.05	0.07	0.04	50
7:00	80	24	0.01	20	0.13	2.34	2.05	0.36	0.04	0.01	50
7:15	80	23	0.01	20	0.13	0.36	0.05	0.08	0.01	0.00	38
7:30	90	33	0.01	24	0.22	0.05	0.08	0.11	0.00	0.00	31
7:45	80	23	0.01	37	0.23	0.11	0.08	0.11	0.00	0.00	34
8:00	59	2	0.00	37	0.03	0.08	0.11	0.11	0.00	0.01	27
8:15	56	-1	0.00	45	-0.01	0.11	0.11	0.11	0.01	0.01	24
8:30	65	8	0.00	49	0.10	0.11	0.11	0.11	0.01	0.01	24
8:45	82	25	0.01	53	0.37	0.11	0.11	0.11	0.01	0.01	24
9:00	174	117	0.03	46	1.50	0.11	0.11	0.11	0.01	0.01	24
9:15	133	76	0.02	62	1.30	0.11	0.11	0.11	0.01	0.01	24
9:30	143	86	0.02	66	1.56	0.11	0.11	0.11	0.01	0.01	24
9:45	68	11	0.00	54	0.16	0.11	0.11	0.11	0.01	0.01	24
10:00	208	151	0.04	80	3.33	0.11	0.11	0.11	0.01	0.01	24
10:15	241	184	0.05	73	3.73	0.11	0.11	0.11	0.01	0.01	24
10:30	247	190	0.05	59	3.11	0.11	0.11	0.11	0.01	0.01	24
10:45	154	97	0.03	64	1.73	0.11	0.11	0.11	0.01	0.01	24
11:00	99	42	0.01	71	0.82	0.11	0.11	0.11	0.01	0.01	24
11:15	81	24	0.01	74	0.49	0.11	0.11	0.11	0.01	0.01	24
11:30	118	61	0.02	63	1.06	0.11	0.11	0.11	0.01	0.01	24