

# Traffic Engineering Services

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## Traffic Impact Statement

Griggs Express Car Wash  
1401 SW 26th Avenue, Pompano Beach

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**Prepared for:**

Griggs Express LLC  
3920 North Ocean Drive Unit 2  
Riviera Beach, FL 33404

**Prepared by:**



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July 16, 2025



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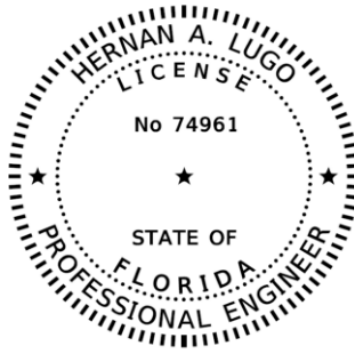

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**Engineer's Certification**

I, Hernan A. Lugo, PE, with Florida PE No. 74961, certify that I currently hold an active Professional Engineer's License in the State of Florida, and I am competent through education and experience to provide engineering services in the civil and traffic engineering disciplines contained in this report. I further certify that this report was prepared by me or under my responsible charge as defined in Chapter 61G15-18.001 F.A.C. and that all statements, conclusions, and recommendations made herein are true and correct to the best of my knowledge and ability.

Hernan A. Lugo, PE



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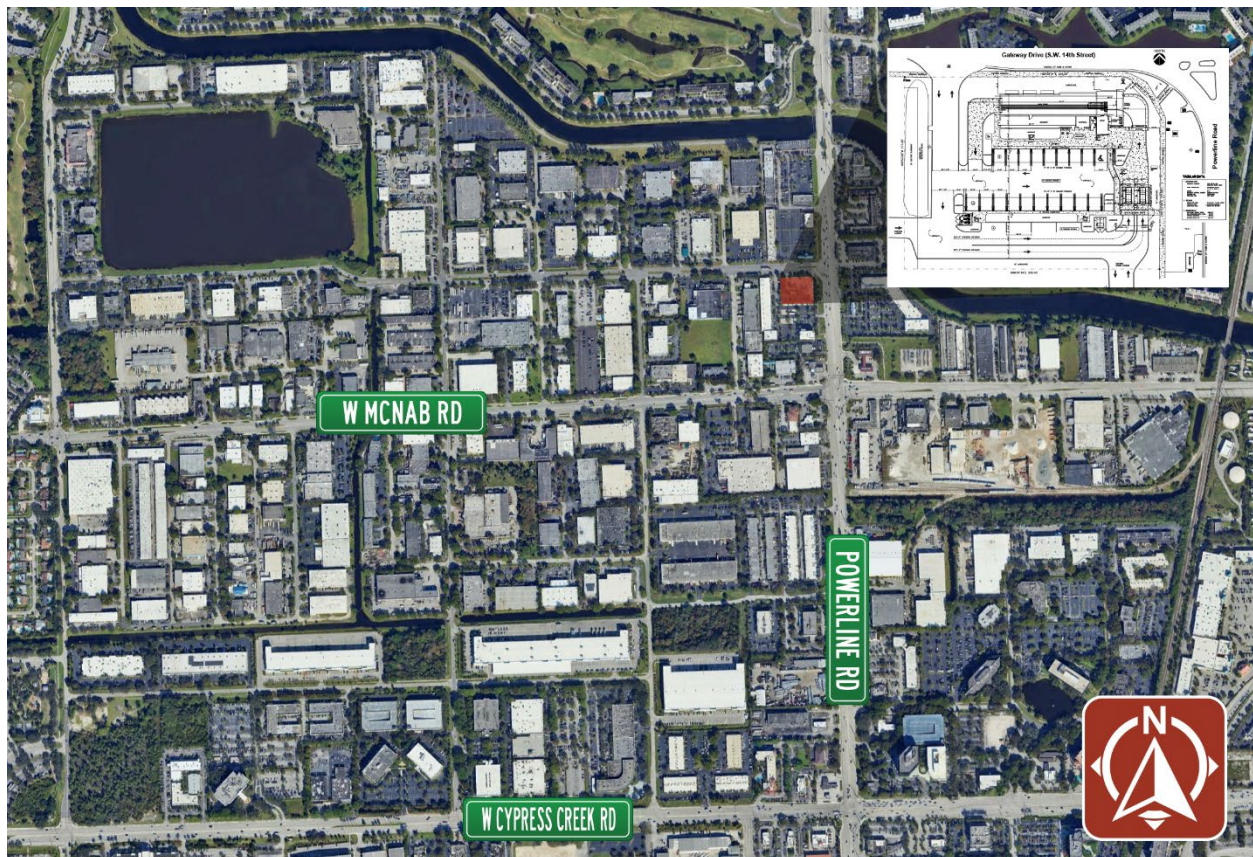
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## 1. INTRODUCTION

Griggs Express LLC is proposing the redevelopment of a parcel of land located at 1401 SW 26<sup>th</sup> Avenue, Pompano Beach, FL 33069. The property is situated at the southwest corner of the intersection of Powerline Road at SW 14<sup>th</sup> Street/Gateway Drive in Pompano Beach, FL. Currently, the site includes an existing property, Checkers, located in the southwest quadrant of the intersection of Powerline Road at Gateway Drive in Pompano Beach, FL. The proposed redevelopment entails the demolition of all existing structures and the construction of a modern car wash facility. The proposed site comprises 41,146 Square feet/0.9446 acres, with a total building area of 4,953 square feet. The proposed car wash will feature a single attended wash tunnel, two gated entry lanes, and nineteen vacuum spaces. The design prioritizes efficient traffic circulation and customer convenience, with access to the site provided via an ingress-and-egress driveway along SW 14<sup>th</sup> Street. Existing cross access driveway with adjacent properties and the Powergate plaza is also maintained. The site is located within a C3C-Suburban commercial Context classification, which is characterized by mostly non-residential uses with large building footprints and large parking lots within large blocks and a disconnected or sparse roadway network. The project is anticipated to be completed and operational by the year 2026.

To ensure the facility operates efficiently and does not create adverse traffic conditions, a queuing analysis was conducted using data collected from two comparable car wash locations. The analysis determined that the proposed site will accommodate up to 17 vehicles in the main stacking area, with an additional capacity for 2 vehicles at the processing gate and potentially 1 more vehicle between the tunnel entrance and the control gates. This on-site storage is sufficient to prevent vehicle spillback onto adjacent roadways, thereby minimizing off-site traffic impacts. This traffic statement evaluates the expected impacts of the proposed car wash on the surrounding roadway network, including trip generation and queuing conditions. Based on the analysis, the proposed development is not anticipated to generate traffic volumes that would significantly affect the operational performance of nearby intersections or road segments. **Figure 1** shows the location map of the proposed development. **Appendix A** shows the site plan for the proposed development.



**Figure 1:** Griggs Express Car Wash – (1401 SW 26<sup>th</sup> Avenue, Pompano Beach, FL) Location Map



## 2. EXISTING CONDITIONS

The designated project site is located at the southwest quadrant of the intersection of Powerline Road at SW 14th Street/Gateway Drive in Pompano Beach, FL. Powerline Road functions as a major north-south arterial roadway in the area, consisting of a six-lane divided cross-section with sidewalks, curbs, and gutters on both sides. The posted speed limit along this corridor is 45 miles per hour. The surrounding area falls within a C3C-Suburban commercial Context classification, which is characterized by mostly non-residential uses with large building footprints and large parking lots within large blocks and a disconnected or sparse roadway network. According to the Florida Traffic Online database, Powerline Road accommodates an Annual Average Daily Traffic (AADT) volume of approximately 39,500 vehicles per day.

## 3. TRIP GENERATION

In order to assess the trip generation characteristics of the proposed project, a trip generation analysis was conducted using the Institute of Transportation Engineers (ITE) Trip Generation Manual, 11th Edition, and ITE's Trip Generation Handbook, 3rd Edition. Additionally, an Origin-Destination survey was carried out at three surrogate sites to evaluate the potential pass-by rate for the proposed car wash. The survey was conducted during the morning and afternoon peak hours at three different "El Car Wash (ECW)" sites. The first site is EL Car Wash – Bird Road located at 6901 Bird Rd, Miami, FL 33155, the second site is EL Car Wash – FIU/West Miami located at 12170 SW 8th St, Miami, FL 33184, the third site is EL Car Wash – Coral Reef (South Kendall) located at 12970 SW 152nd St, Miami, FL 33177. The survey revealed that a typical automated car wash has AM and PM peak hour pass-by trip rates of 69% and 71%, respectively. Further, a trip generation analysis was conducted at a comparable site to assess the trip characteristics of Land Use Code (LUC) 948. To validate the ITE trip generation rates, sales data from two surrogate sites within Broward County: El Car Wash Oakland Park (3061 NW 17th Terrace, Oakland Park, FL 33311) and El Car Wash Fort Lauderdale (1555 N Federal Highway, Fort Lauderdale, FL 33304) were utilized. This approach was implemented to overcome the constraints associated with the limited sample size data for LUC 948, thereby improving the reliability of the trip generation rates used in this study. These rates were used in the trip generation calculations to determine the net new generated trips. The detailed survey documents can be found in **Appendix B**.

**Table 1: Pass-by Trips Based on Surrogate Sites (O-D) Survey**

| Surrogate Site               | AM    |               |               |                 | PM    |               |               |                 |
|------------------------------|-------|---------------|---------------|-----------------|-------|---------------|---------------|-----------------|
|                              | Total | Primary Trips | Pass-by Trips | Pass-by Trips % | Total | Primary Trips | Pass-by Trips | Pass-by Trips % |
| ECW Bird Road                | 31    | 8             | 23            | 74%             | 30    | 6             | 24            | 80%             |
| ECW FIU/West Miami           | 77    | 20            | 57            | 74%             | 61    | 17            | 44            | 72%             |
| ECW Coral Reef/South Kendall | 49    | 20            | 29            | 59%             | 21    | 8             | 13            | 62%             |
| Average Pass-by Trips %      | 69%   |               |               |                 | 71%   |               |               |                 |

The proposed car wash operations fall under the ITE Land Use Code (LUC) 948 for an Automated Car Wash. According to the ITE Manual, 78 PM peak trips are generated by LUC 948. However, the daily and AM peak trips for LUC 948 were not reported. To estimate the daily trips, sales data from two surrogate locations provided by car wash management were utilized: the car wash located at 1555 N Federal Highway in Fort Lauderdale, which serves a maximum of 978 vehicles per day, and the one located at 3061 NW 17th Terrace in Oakland Park, which serves up to 890 vehicles maximum per day. Using this data, conversion factors were developed to estimate daily and AM peak-hour trips based on PM peak activity. The conversion factor from PM peak hour to daily trips was calculated as 0.0787,



and from daily to AM peak hour trips as 0.0898. Applying these factors, the estimated daily and AM peak-hour trips are **991** and **89**, respectively. The existing land use, which consists of an existing vacant property, Checkers, is currently not generating traffic. Therefore, the proposed redevelopment is projected to result in a net reduction of 307 daily vehicle trips. During the AM peak hour, the project is expected to generate 28 trips, and 23 trips during the PM peak hour. Given the relatively low volume of new daily and peak-hour traffic associated with the project, the proposed development is not anticipated to result in any significant impact on the local transportation network.

The trip generation characteristics of Griggs's Express Car Wash are detailed in **Table 2**, with trip generation calculations and ITE excerpts provided in **Appendix C**.

**Table 2: Trip Generation for Griggs Express Car Wash**

| ITE Land Use Code                     | Size   | Daily |          |         | AM    |          |         | PM    |          |         |
|---------------------------------------|--------|-------|----------|---------|-------|----------|---------|-------|----------|---------|
|                                       |        | Total | Entering | Exiting | Total | Entering | Exiting | Total | Entering | Exiting |
| Proposed LUC                          |        |       |          |         |       |          |         |       |          |         |
| 948 – Automated Car Wash              | 1 -Tu  | 991   | 496      | 496     | 89    | 44       | 45      | 78    | 39       | 39      |
| Pass-by Trips                         | -      | 684   | 342      | 342     | 61    | 30       | 31      | 55    | 28       | 27      |
| Existing LUC                          |        |       |          |         |       |          |         |       |          |         |
| 934 – Fast Food Restaurant (Checkers) | Vacant | -     | -        | -       | -     | -        | -       | -     | -        | -       |
| Net Trips                             |        |       |          |         |       |          |         |       |          |         |
| Car Wash Net New Trips                | -      | 307   | 154      | 154     | 28    | 14       | 14      | 23    | 11       | 12      |

## 4. TRIP DISTRIBUTION AND ASSIGNMENT

No specific data on the distribution of trips was available for the Broward County Long Range Transportation Plan. Hence, the project trips were allocated based on nearby geographical population centers, the existing transportation network, and the proposed project's location. Project Trip Distribution based on cardinal direction data derived from the historical Annual Average Daily Traffic (AADT) data sourced from the Florida Department of Transportation (FDOT) Florida Traffic Online (FTO) has been leveraged to determine the distribution percentages necessary for our analysis. Daily peak traffic volumes at the intersections of Atlantic Boulevard and South Powerline Road, recorded from FTO stations 860026 and 860450, have been used to establish the cardinal rates. A summary of these adopted cardinal rates is presented in **Table 3**.

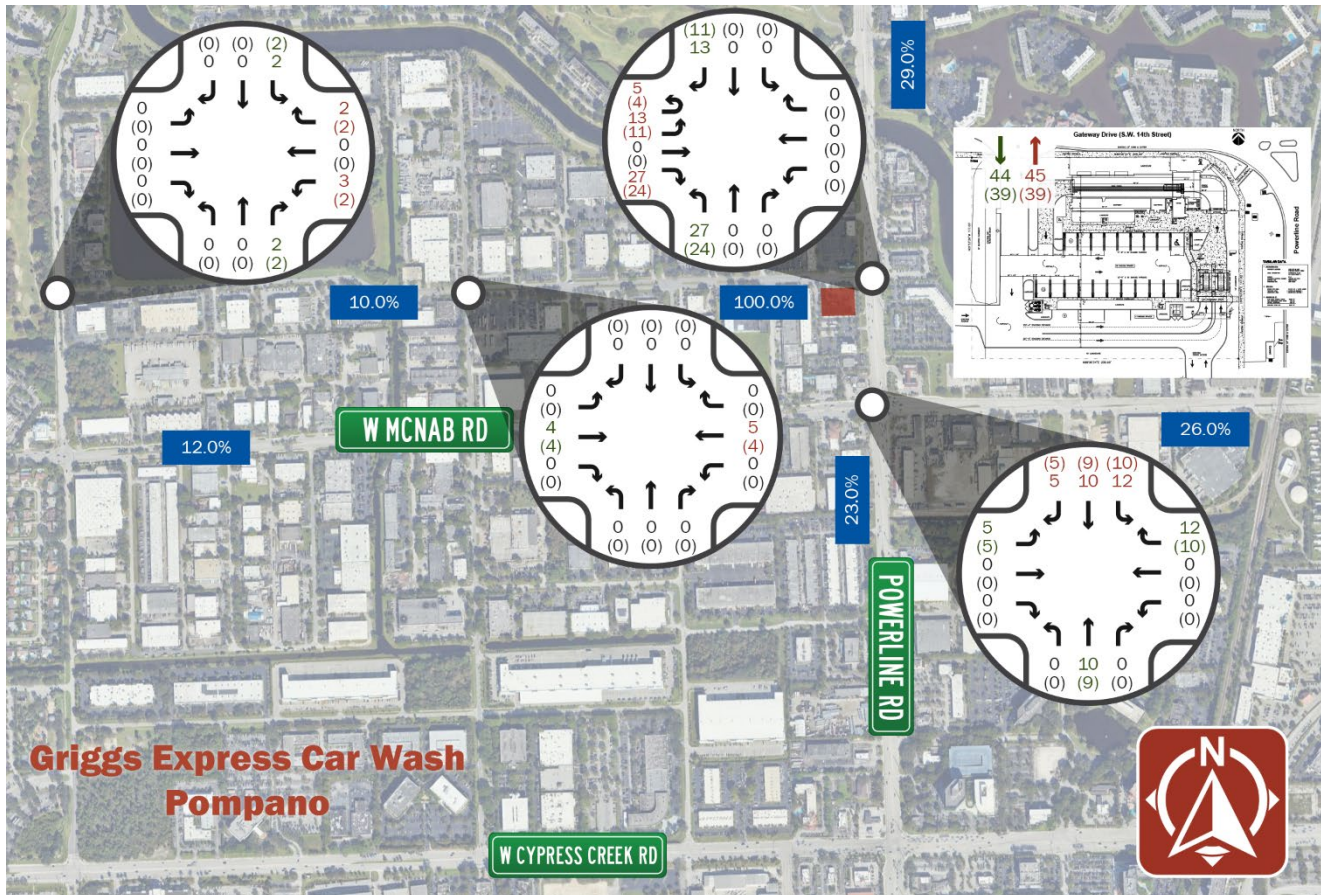
**Table 3: Cardinal Trip Distribution - Griggs Express Car Wash**

|              | 860450     | 860026     | Daily Critical Peak (VPH) | Distribution |
|--------------|------------|------------|---------------------------|--------------|
|              | Daily Peak | Daily Peak |                           |              |
| NB           | 2,092      | -          | -                         | 29%          |
| SB           | 1,639      | -          | -                         | 23%          |
| EB           | -          | 1,887      | -                         | 26%          |
| WB           | -          | 1,626      | -                         | 22%          |
| <b>Total</b> |            |            | <b>7,244</b>              |              |



## 5. TRIP ASSIGNMENT

Using the interpolated directional percentages, inbound and outbound total trips were assigned to the proposed site driveways and the adjacent roadway network. The resulting trip assignment is illustrated in **Figure 2**.



**Figure 2:** Total Trip Distribution and Assignment - Griggs Express Car Wash

## 6. QUEUING ANALYSIS

Queueing data were collected from two surrogate car wash locations using video cameras installed on Friday, May 19, 2023, and Saturday, May 20, 2023. In addition, car wash management provided two weeks of sales data covering all seven days of the week. This sales data was reviewed, analyzed, and summarized to identify the peak-hour demand periods at both sites. The weekday peak period was determined to be Friday from 2:00 PM to 7:00 PM, while the weekend peak period was determined to be Saturday from 8:00 AM to 2:00 PM. Videos were captured at both surrogate sites on Friday and Saturday. The videos were later observed continuously by Engineering Technicians in a controlled environment who recorded the maximum queues occurring during each 5-minute period.

For the West Hialeah site, **nine (9)** vehicles and **twelve (12)** vehicles were observed to be the maximum queue for Friday and Saturday, respectively. For the North Hialeah site, **ten (10)** and **eight (8)** vehicles were observed to be the maximum queue for Friday and Saturday, respectively. However, all the queues dissipated within five minutes. **Table 4** shows the maximum queues observed at the surrogate sites, while **Table 5** lists details of the observed queue data in 5-minute intervals.



**Table 4:** Summary of the Queue Data for The Two Surrogate Sites

|          |           |                   | West Hialeah       | North Hialeah      |
|----------|-----------|-------------------|--------------------|--------------------|
| Day      | Date      | Time              | Max Queue          | Max Queue          |
| Friday   | 5/19/2023 | 2:00 PM - 7:00 PM | 9 vehicles         | <b>10 vehicles</b> |
| Saturday | 5/20/2023 | 8:00 AM - 2:00 PM | <b>12 vehicles</b> | 8 vehicles         |

**Table 5:** 5-Minute Interval Queue Data for The Two Surrogate Sites

| Friday 5/19/2023 |               |              | Saturday 5/20/2023 |               |              |
|------------------|---------------|--------------|--------------------|---------------|--------------|
| Time             | North Hialeah | West Hialeah | Time               | North Hialeah | West Hialeah |
|                  | Vehicles      | Vehicles     |                    | Vehicles      | Vehicles     |
| 2:00:00 PM       | 1             | 1            | 8:00:00 AM         | 2             | 2            |
| 2:05:00 PM       | 3             | 1            | 8:05:00 AM         | 3             | 2            |
| 2:10:00 PM       | 1             | 2            | 8:10:00 AM         | 4             | 1            |
| 2:15:00 PM       | 1             | 1            | 8:15:00 AM         | 2             | 1            |
| 2:20:00 PM       | 1             | 1            | 8:20:00 AM         | 2             | 1            |
| 2:25:00 PM       | 1             | 1            | 8:25:00 AM         | 2             | 3            |
| 2:30:00 PM       | 2             | 1            | 8:30:00 AM         | 4             | 4            |
| 2:35:00 PM       | 1             | 1            | 8:35:00 AM         | 3             | 5            |
| 2:40:00 PM       | 1             | 2            | 8:40:00 AM         | 2             | 5            |
| 2:45:00 PM       | 1             | 1            | 8:45:00 AM         | 5             | 4            |
| 2:50:00 PM       | 1             | 1            | 8:50:00 AM         | 5             | 4            |
| 2:55:00 PM       | 1             | 1            | 8:55:00 AM         | 3             | 2            |
| 3:00:00 PM       | 1             | 2            | 9:00:00 AM         | 3             | 4            |
| 3:05:00 PM       | 1             | 1            | 9:05:00 AM         | 2             | 6            |
| 3:10:00 PM       | 4             | 1            | 9:10:00 AM         | 2             | 5            |
| 3:15:00 PM       | 3             | 2            | 9:15:00 AM         | 5             | 3            |
| 3:20:00 PM       | 1             | 1            | 9:20:00 AM         | 3             | 4            |
| 3:25:00 PM       | 2             | 3            | 9:25:00 AM         | 3             | 3            |
| 3:30:00 PM       | 5             | 1            | 9:30:00 AM         | 7             | 2            |
| 3:35:00 PM       | 5             | 1            | 9:35:00 AM         | 6             | 3            |
| 3:40:00 PM       | 3             | 2            | 9:40:00 AM         | 3             | 6            |
| 3:45:00 PM       | 4             | 2            | 9:45:00 AM         | 3             | 5            |
| 3:50:00 PM       | 2             | 6            | 9:50:00 AM         | 3             | 3            |
| 3:55:00 PM       | 3             | 2            | 9:55:00 AM         | 4             | 4            |
| 4:00:00 PM       | 1             | 1            | 10:00:00 AM        | 4             | 7            |
| 4:05:00 PM       | 2             | 2            | 10:05:00 AM        | 1             | 6            |
| 4:10:00 PM       | 5             | 3            | 10:10:00 AM        | 3             | 5            |
| 4:15:00 PM       | 4             | 2            | 10:15:00 AM        | 3             | 8            |
| 4:20:00 PM       | 2             | 1            | 10:20:00 AM        | 4             | 7            |
| 4:25:00 PM       | 3             | 3            | 10:25:00 AM        | 3             | 5            |
| 4:30:00 PM       | 3             | 1            | 10:30:00 AM        | 5             | 4            |
| 4:35:00 PM       | 1             | 1            | 10:35:00 AM        | 7             | 5            |
| 4:40:00 PM       | 5             | 3            | 10:40:00 AM        | 5             | 7            |



| Friday 5/19/2023 |               |              | Saturday 5/20/2023 |               |              |
|------------------|---------------|--------------|--------------------|---------------|--------------|
| Time             | North Hialeah | West Hialeah | Time               | North Hialeah | West Hialeah |
|                  | Vehicles      | Vehicles     |                    | Vehicles      | Vehicles     |
| 4:45:00 PM       | 6             | 4            | 10:45:00 AM        | 4             | 12           |
| 4:50:00 PM       | 5             | 5            | 10:50:00 AM        | 5             | 7            |
| 4:55:00 PM       | 2             | 5            | 10:55:00 AM        | 7             | 6            |
| 5:00:00 PM       | 8             | 2            | 11:00:00 AM        | 5             | 6            |
| 5:05:00 PM       | 7             | 2            | 11:05:00 AM        | 6             | 6            |
| 5:10:00 PM       | 5             | 2            | 11:10:00 AM        | 5             | 4            |
| 5:15:00 PM       | 4             | 4            | 11:15:00 AM        | 4             | 4            |
| 5:20:00 PM       | 2             | 5            | 11:20:00 AM        | 5             | 7            |
| 5:25:00 PM       | 2             | 3            | 11:25:00 AM        | 6             | 9            |
| 5:30:00 PM       | 2             | 2            | 11:30:00 AM        | 6             | 5            |
| 5:35:00 PM       | 5             | 1            | 11:35:00 AM        | 4             | 3            |
| 5:40:00 PM       | 5             | 2            | 11:40:00 AM        | 6             | 4            |
| 5:45:00 PM       | 2             | 2            | 11:45:00 AM        | 5             | 4            |
| 5:50:00 PM       | 7             | 1            | 11:50:00 AM        | 4             | 6            |
| 5:55:00 PM       | 2             | 4            | 11:55:00 AM        | 5             | 5            |
| 6:00:00 PM       | 4             | 4            | 12:00:00 PM        | 6             | 4            |
| 6:05:00 PM       | 3             | 5            | 12:05:00 PM        | 5             | 3            |
| 6:10:00 PM       | 2             | 7            | 12:10:00 PM        | 3             | 5            |
| 6:15:00 PM       | 2             | 8            | 12:15:00 PM        | 4             | 4            |
| 6:20:00 PM       | 2             | 6            | 12:20:00 PM        | 5             | 3            |
| 6:25:00 PM       | 2             | 6            | 12:25:00 PM        | 7             | 5            |
| 6:30:00 PM       | 2             | 7            | 12:30:00 PM        | 2             | 5            |
| 6:35:00 PM       | 3             | 8            | 12:35:00 PM        | 3             | 6            |
| 6:40:00 PM       | 2             | 5            | 12:40:00 PM        | 3             | 4            |
| 6:45:00 PM       | 10            | 6            | 12:45:00 PM        | 2             | 2            |
| 6:50:00 PM       | 6             | 7            | 12:50:00 PM        | 2             | 3            |
| 6:55:00 PM       | 8             | 9            | 12:55:00 PM        | 3             | 3            |
| -                | -             | -            | 1:00:00 PM         | 4             | 2            |
| -                | -             | -            | 1:05:00 PM         | 6             | 6            |
| -                | -             | -            | 1:10:00 PM         | 5             | 5            |
| -                | -             | -            | 1:15:00 PM         | 5             | 2            |
| -                | -             | -            | 1:20:00 PM         | 8             | 3            |
| -                | -             | -            | 1:25:00 PM         | 7             | 4            |
| -                | -             | -            | 1:30:00 PM         | 4             | 5            |
| -                | -             | -            | 1:35:00 PM         | 2             | 4            |
| -                | -             | -            | 1:40:00 PM         | 2             | 4            |
| -                | -             | -            | 1:45:00 PM         | 2             | 3            |
| -                | -             | -            | 1:50:00 PM         | 3             | 3            |
| -                | -             | -            | 1:55:00 PM         | 2             | 2            |



## 7. TRAFFIC FORECASTING AND GROWTH

In order to forecast queuing data for 2025, historical data was collected from FDOT traffic count station 860131 located in the vicinity of the project site, on Powerline Road, south of McNab Road. The growth rate has been derived from historical growth trends observed at the FDOT traffic count station, analyzing the Average Annual Daily Traffic (AADT) data over a 10-year period (2015-2024) near the project site. The analysis revealed a negative growth rate for linear, exponential, and decaying exponential growth rates, as summarized in **Table 6**. The traffic growth trend detailed analyses from the count station are shown in **Appendix D**. To estimate future traffic conditions, a conservative growth rate of 1% was assumed. The growth rate was subsequently applied to the queue data to determine the projected 2025 max queues, as presented **Table 7**.

**Table 6: Historical Growth Rates – FTO Stations (860131)**

| FDOT Site and Location                                       | Description                                | Growth Rate |
|--|--|-------------|
| Site #860131, SR 845/Powerline Road, N of Cypress Creek Road | Linear Trend Growth Rate (%)               | 0.88%       |
|  | Exponential Trend Growth Rate (%)          | 0.84%       |
|  | Decaying Exponential Trend Growth Rate (%) | 1.10%       |
|  | Adopted Growth Rate (%)                    | <b>1.0%</b> |

**Table 7: Summary of the 2025 Projected Queue Data for The Two Surrogate Sites**

| Sites    |           |                   |                  |                    |                  |                    |
|----------|-----------|-------------------|------------------|--------------------|------------------|--------------------|
|          |           |                   | West Hialeah     |                    | North Hialeah    |                    |
| Day      | Date      | Time              | Max Queue - 2023 | Max Queue - 2025   | Max Queue - 2023 | Max Queue - 2025   |
| Friday   | 5/19/2023 | 2:00 PM - 7:00 PM | 9 vehicles       | 10 vehicles        | 10 vehicles      | <b>11 vehicles</b> |
| Saturday | 5/20/2023 | 8:00 AM - 2:00 PM | 12 vehicles      | <b>13 vehicles</b> | 8 vehicles       | 9 vehicles         |

Based on the site plan provided for Griggs Express Car Wash (**Appendix A**), the storage capacity is 20 vehicles, which exceeds the maximum queue of 13 vehicles identified in the study. As such, the site offers sufficient on-site storage, and no off-site queuing is anticipated.



## 8. TURN LANE ANALYSIS

According to the FDOT Access Management Guidebook (Chapter 6) and the American Association of State Highway and Transportation Officials (AASHTO) Greenbook, guidelines and considerations to assist in the decision-making process for the need for exclusive right and left turn lanes are proposed as follows:

### Considerations for Exclusive Right-Turn Lanes:

- 80-125 right turns/hour at a posted speed of 45 mph or less
- 35-55 right turns/hour at a posted speed of over 45 mph

### Considerations for Exclusive Left-Turn Lanes:

- When left-turn volumes exceed 100 vph at signalized intersections
- Along multi-lane roadways with speeds in excess of 45 mph and a median opening serving a driveway
- Driveways located on curved roadways with speeds of 45 mph or higher
- Driveways located on two-lane roadways with posted speeds of 40 mph or higher that meet the Advancing and Opposing volume guidelines outlined in the AASHTO Greenbook (and the NCHRP Report 457)

Following AASHTO 7<sup>th</sup> edition, left turn lane in compliance with Florida's Green Book shall be provided at each access point with an average peak hour inbound left turn volume of 50 vehicles or more if oncoming through traffic generates 50 or more vehicles. The main driveway is configured as a left- and right-in, right-out access. Based on projected volumes, the inbound left-turn demand is estimated at 40 vehicles per hour, which is below the threshold warranting a dedicated turn lane. Additionally, due to the presence of a dual left-turn configuration along Gateway Drive, the provision of a separate dedicated left-turn lane is not considered necessary. Consequently, the installation of a dedicated left turn lane is not warranted in this case.

According to Chapter 6 of the Access Management Guidebook, the lower threshold of 80 right-turn vehicles per hour is typically applied in scenarios of higher traffic volume (exceeding 600 vehicles per hour, per lane in one direction on the major roadway) or on two-lane roads with restricted lateral movement. Conversely, the upper threshold of 125 right-turn vehicles per hour is considered suitable for lower volume roadways, multilane highways, or driveways with a significant entry radius of 50 feet or more.

The projected peak right-turn volume at the access driveway during the AM peak hour is estimated at 4 vehicles, which is significantly below the established lower threshold of 80 vehicles. Therefore, it is concluded that the installation of a dedicated right-turn lane is not warranted for this location.



## 9. CONCLUSION AND RECOMMENDATION

This traffic statement evaluates the potential transportation impacts associated with the proposed redevelopment of the Griggs Express Car Wash site. A trip generation analysis based on Institute of Transportation Engineers (ITE) standards estimates that the new car wash facility will generate approximately 991 daily trips, including 89 AM peak hour trips and 78 PM peak hour trips. The facility is expected to generate 28 net new trips during the AM peak hour and 23 net new trips during the PM peak hour. The site plan accommodates up to 20 vehicles in the stacking lane before reaching the point of potential spillback. The queuing analysis utilizing data from surrogate sites shows a maximum expected queue of 13 vehicles, which is within the site's 20-vehicle stacking capacity. This ensures that all queuing demands can be safely accommodated on-site without spillback. The turn lane analysis concludes that the installation of a dedicated right-turn lane is not warranted. Similarly, based on projected volumes and surrounding roadway conditions, a dedicated left-turn lane is also not required at this location.

Based on ITE trip generation methodology, surrogate site data, the project is expected to generate a low volume of net new trips, with no significant impact on the operational performance of nearby intersections or roadway segments. Overall, the proposed development is not anticipated to adversely affect local traffic operations. Approval is therefore recommended.



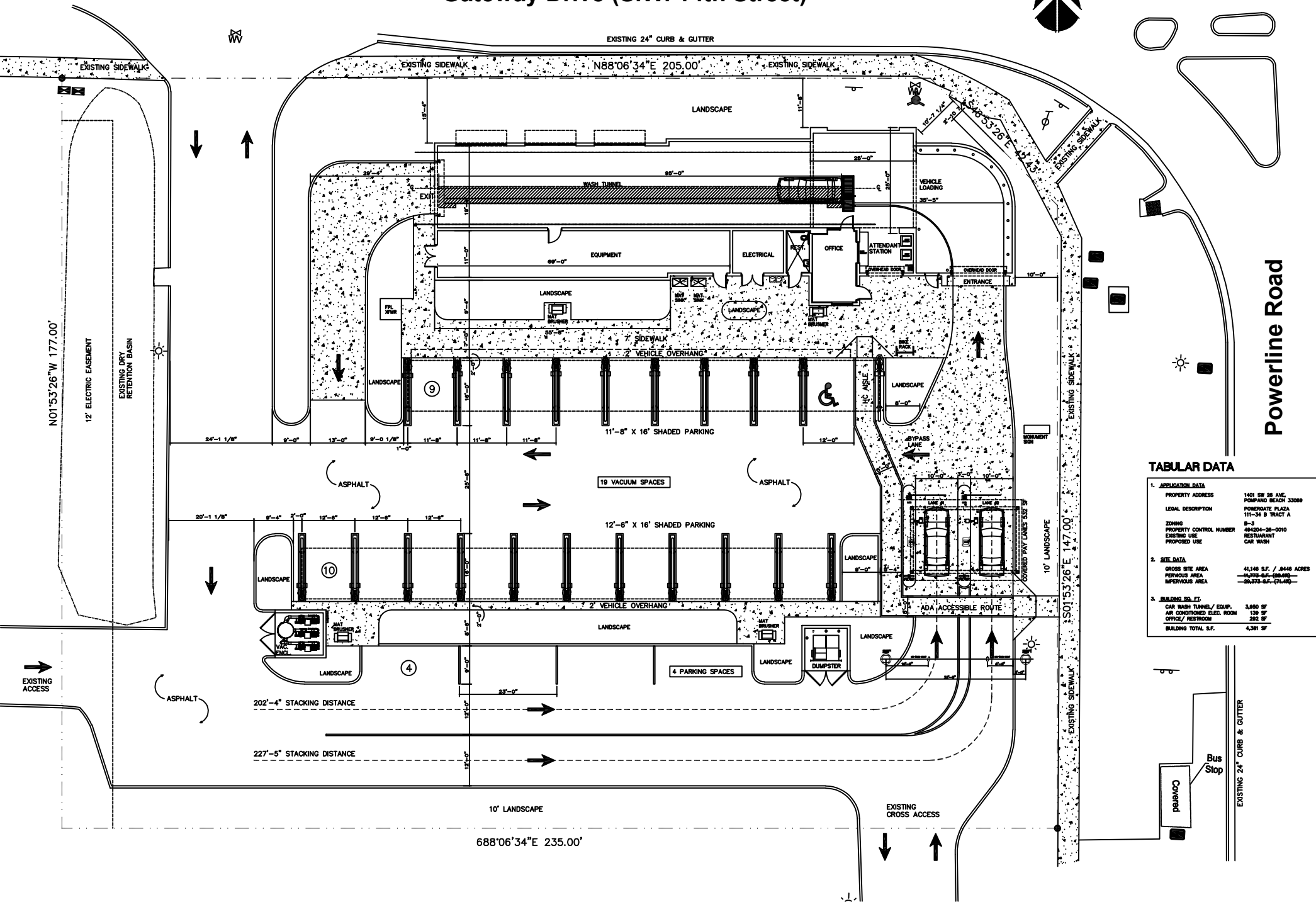
# **APPENDIX A**

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## **Site Plan**



Gateway Drive (S.W. 14th Street)



TABULAR DATA

|                            |  |
|----------------------------|--|
| 1. APPLICATION DATA        |  |
| PROPERTY ADDRESS           | 1401 SW 36 AVE.<br>POMPANO BEACH 33069 |
| LEGAL DESCRIPTION          | POWERPLAZA PLAZA<br>111-34 B TRACT A   |
| ZONING                     | B-3                                    |
| PROPERTY CONTROL NUMBER    | 484204-28-0010                         |
| EXISTING USE               | RESTAURANT                             |
| PROPOSED USE               | CAR WASH                               |
| 2. SITE DATA               |  |
| GROSS SITE AREA            | 41,146 S.F. / .9448 ACRES              |
| PERVIOUS AREA              | 11,722 S.F. (28.5%)                    |
| IMPERVIOUS AREA            | 29,424 S.F. (71.5%)                    |
| 3. BUILDING SQ. FT.        |  |
| CAR WASH TUNNEL/ EQUIP.    | 3,850 SF                               |
| AIR CONDITIONED ELEC. ROOM | 138 SF                                 |
| OFFICE/ RESTROOM           | 282 SF                                 |
| BUILDING TOTAL S.F.        | 4,269 SF                               |



## **APPENDIX B**

---

# **Origin-Destination Survey**



# **Origin-Destination Survey**



## CAR WASH SURVEY - FIU (AM)

After your car wash are you going back to where you just came from?

| Veh # | Yes | No |  | Veh # | Yes | No |
|-------|-----|----|--|-------|-----|----|
| 1     |     | ✓  |  | 41    |     | ✓  |
| 2     |     | ✓  |  | 42    |     | ✓  |
| 3     | ✓   |    |  | 43    |     | ✓  |
| 4     |     | ✓  |  | 44    |     | ✓  |
| 5     | ✓   |    |  | 45    |     | ✓  |
| 6     |     | ✓  |  | 46    |     | ✓  |
| 7     |     | ✓  |  | 47    |     | ✓  |
| 8     |     | ✓  |  | 48    |     | ✓  |
| 9     | ✓   |    |  | 49    | ✓   |    |
| 10    |     | ✓  |  | 50    |     | ✓  |
| 11    |     | ✓  |  | 51    | ✓   |    |
| 12    |     | ✓  |  | 52    |     | ✓  |
| 13    |     | ✓  |  | 53    | ✓   |    |
| 14    |     | ✓  |  | 54    | ✓   |    |
| 15    |     | ✓  |  | 55    |     | ✓  |
| 16    |     | ✓  |  | 56    | ✓   |    |
| 17    |     | ✓  |  | 57    | ✓   |    |
| 18    | ✓   |    |  | 58    |     | ✓  |
| 19    |     | ✓  |  | 59    |     | ✓  |
| 20    |     | ✓  |  | 60    |     | ✓  |
| 21    |     | ✓  |  | 61    |     | ✓  |
| 22    |     | ✓  |  | 62    |     | ✓  |
| 23    |     | ✓  |  | 63    |     | ✓  |
| 24    |     | ✓  |  | 64    |     | ✓  |
| 25    | ✓   |    |  | 65    |     | ✓  |
| 26    |     | ✓  |  | 66    |     | ✓  |
| 27    | ✓   |    |  | 67    |     | ✓  |
| 28    |     | ✓  |  | 68    | ✓   |    |
| 29    |     | ✓  |  | 69    |     | ✓  |
| 30    | ✓   |    |  | 70    |     | ✓  |
| 31    |     | ✓  |  | 71    | ✓   |    |
| 32    |     | ✓  |  | 72    |     | ✓  |
| 33    | ✓   |    |  | 73    |     | ✓  |
| 34    |     | ✓  |  | 74    | ✓   |    |
| 35    |     | ✓  |  | 75    | ✓   |    |
| 36    | ✓   |    |  | 76    |     | ✓  |
| 37    |     | ✓  |  | 77    |     | ✓  |
| 38    |     | ✓  |  | 78    |     |    |
| 39    | ✓   |    |  | 79    |     |    |
| 40    |     | ✓  |  | 80    |     |    |



## CAR WASH SURVEY - FIU (PM)

After your car wash are you going back to where you just came from?

| Veh # | Yes | No |  | Veh # | Yes | No |
|-------|-----|----|--|-------|-----|----|
| 1     | ✓   |    |  | 41    | ✓   |    |
| 2     |     | ✓  |  | 42    |     | ✓  |
| 3     |     | ✓  |  | 43    | ✓   |    |
| 4     | ✓   |    |  | 44    |     | ✓  |
| 5     | ✓   |    |  | 45    |     | ✓  |
| 6     |     | ✓  |  | 46    |     | ✓  |
| 7     |     | ✓  |  | 47    |     | ✓  |
| 8     |     | ✓  |  | 48    | ✓   |    |
| 9     |     | ✓  |  | 49    |     | ✓  |
| 10    |     | ✓  |  | 50    |     | ✓  |
| 11    |     | ✓  |  | 51    | ✓   |    |
| 12    |     | ✓  |  | 52    |     | ✓  |
| 13    |     | ✓  |  | 53    |     | ✓  |
| 14    | ✓   |    |  | 54    |     | ✓  |
| 15    | ✓   |    |  | 55    | ✓   |    |
| 16    | ✓   |    |  | 56    |     | ✓  |
| 17    |     | ✓  |  | 57    |     | ✓  |
| 18    | ✓   |    |  | 58    |     | ✓  |
| 19    |     | ✓  |  | 59    | ✓   |    |
| 20    |     | ✓  |  | 60    |     | ✓  |
| 21    |     | ✓  |  | 61    |     | ✓  |
| 22    |     | ✓  |  | 62    |     |    |
| 23    | ✓   |    |  | 63    |     |    |
| 24    |     | ✓  |  | 64    |     |    |
| 25    |     | ✓  |  | 65    |     |    |
| 26    |     | ✓  |  | 66    |     |    |
| 27    |     | ✓  |  | 67    |     |    |
| 28    |     | ✓  |  | 68    |     |    |
| 29    |     | ✓  |  | 69    |     |    |
| 30    |     | ✓  |  | 70    |     |    |
| 31    |     | ✓  |  | 71    |     |    |
| 32    | ✓   |    |  | 72    |     |    |
| 33    |     | ✓  |  | 73    |     |    |
| 34    |     | ✓  |  | 74    |     |    |
| 35    | ✓   |    |  | 75    |     |    |
| 36    |     | ✓  |  | 76    |     |    |
| 37    |     | ✓  |  | 77    |     |    |
| 38    |     | ✓  |  | 78    |     |    |
| 39    | ✓   |    |  | 79    |     |    |
| 40    |     | ✓  |  | 80    |     |    |



## CAR WASH SURVEY - CORAL REEF (AM)

After your car wash are you going back to where you just came from?

| Veh # | Yes | No |  | Veh # | Yes | No |
|-------|-----|----|--|-------|-----|----|
| 1     | ✓   | ✓  |  | 41    |     |    |
| 2     | ✓   | ✓  |  | 42    |     |    |
| 3     | ✓   | ✓  |  | 43    |     |    |
| 4     | ✓   | ✓  |  | 44    |     |    |
| 5     | ✓   | ✓  |  | 45    |     |    |
| 6     | ✓   | ✓  |  | 46    |     |    |
| 7     | ✓   | ✓  |  | 47    |     |    |
| 8     | ✓   | ✓  |  | 48    |     |    |
| 9     | ✓   | ✓  |  | 49    |     |    |
| 10    | ✓   | ✓  |  | 50    |     |    |
| 11    | ✓   | ✓  |  | 51    |     |    |
| 12    | ✓   | ✓  |  | 52    |     |    |
| 13    | ✓   | ✓  |  | 53    |     |    |
| 14    | ✓   | ✓  |  | 54    |     |    |
| 15    | ✓   | ✓  |  | 55    |     |    |
| 16    | ✓   | ✓  |  | 56    |     |    |
| 17    | ✓   | ✓  |  | 57    |     |    |
| 18    | ✓   | ✓  |  | 58    |     |    |
| 19    | ✓   | ✓  |  | 59    |     |    |
| 20    | ✓   | ✓  |  | 60    |     |    |
| 21    |     | ✓  |  | 61    |     |    |
| 22    |     | ✓  |  | 62    |     |    |
| 23    |     | ✓  |  | 63    |     |    |
| 24    |     | ✓  |  | 64    |     |    |
| 25    |     | ✓  |  | 65    |     |    |
| 26    |     | ✓  |  | 66    |     |    |
| 27    |     | ✓  |  | 67    |     |    |
| 28    |     | ✓  |  | 68    |     |    |
| 29    |     | ✓  |  | 69    |     |    |
| 30    |     |    |  | 70    |     |    |
| 31    |     |    |  | 71    |     |    |
| 32    |     |    |  | 72    |     |    |
| 33    |     |    |  | 73    |     |    |
| 34    |     |    |  | 74    |     |    |
| 35    |     |    |  | 75    |     |    |
| 36    |     |    |  | 76    |     |    |
| 37    |     |    |  | 77    |     |    |
| 38    |     |    |  | 78    |     |    |
| 39    |     |    |  | 79    |     |    |
| 40    |     |    |  | 80    |     |    |



## CAR WASH SURVEY - CORAL REEF (PM)

After your car wash are you going back to where you just came from?

| Veh # | Yes | No |  | Veh # | Yes | No |
|-------|-----|----|--|-------|-----|----|
| 1     | ✓   | ✓  |  | 41    |     |    |
| 2     | ✓   | ✓  |  | 42    |     |    |
| 3     | ✓   | ✓  |  | 43    |     |    |
| 4     | ✓   | ✓  |  | 44    |     |    |
| 5     | ✓   | ✓  |  | 45    |     |    |
| 6     | ✓   | ✓  |  | 46    |     |    |
| 7     | ✓   | ✓  |  | 47    |     |    |
| 8     | ✓   | ✓  |  | 48    |     |    |
| 9     |     | ✓  |  | 49    |     |    |
| 10    |     | ✓  |  | 50    |     |    |
| 11    |     | ✓  |  | 51    |     |    |
| 12    |     | ✓  |  | 52    |     |    |
| 13    |     | ✓  |  | 53    |     |    |
| 14    |     |    |  | 54    |     |    |
| 15    |     |    |  | 55    |     |    |
| 16    |     |    |  | 56    |     |    |
| 17    |     |    |  | 57    |     |    |
| 18    |     |    |  | 58    |     |    |
| 19    |     |    |  | 59    |     |    |
| 20    |     |    |  | 60    |     |    |
| 21    |     |    |  | 61    |     |    |
| 22    |     |    |  | 62    |     |    |
| 23    |     |    |  | 63    |     |    |
| 24    |     |    |  | 64    |     |    |
| 25    |     |    |  | 65    |     |    |
| 26    |     |    |  | 66    |     |    |
| 27    |     |    |  | 67    |     |    |
| 28    |     |    |  | 68    |     |    |
| 29    |     |    |  | 69    |     |    |
| 30    |     |    |  | 70    |     |    |
| 31    |     |    |  | 71    |     |    |
| 32    |     |    |  | 72    |     |    |
| 33    |     |    |  | 73    |     |    |
| 34    |     |    |  | 74    |     |    |
| 35    |     |    |  | 75    |     |    |
| 36    |     |    |  | 76    |     |    |
| 37    |     |    |  | 77    |     |    |
| 38    |     |    |  | 78    |     |    |
| 39    |     |    |  | 79    |     |    |
| 40    |     |    |  | 80    |     |    |



## CAR WASH SURVEY - BIRD ROAD (AM)

After your car wash are you going back to where you just came from?

| Veh # | Yes | No |  | Veh # | Yes | No |
|-------|-----|----|--|-------|-----|----|
| 1     |     | ✓  |  | 41    |     |    |
| 2     | ✓   |    |  | 42    |     |    |
| 3     | ✓   |    |  | 43    |     |    |
| 4     |     | ✓  |  | 44    |     |    |
| 5     |     | ✓  |  | 45    |     |    |
| 6     |     | ✓  |  | 46    |     |    |
| 7     |     | ✓  |  | 47    |     |    |
| 8     |     | ✓  |  | 48    |     |    |
| 9     | ✓   |    |  | 49    |     |    |
| 10    | ✓   |    |  | 50    |     |    |
| 11    |     | ✓  |  | 51    |     |    |
| 12    |     | ✓  |  | 52    |     |    |
| 13    |     | ✓  |  | 53    |     |    |
| 14    |     | ✓  |  | 54    |     |    |
| 15    |     | ✓  |  | 55    |     |    |
| 16    | ✓   |    |  | 56    |     |    |
| 17    |     | ✓  |  | 57    |     |    |
| 18    | ✓   |    |  | 58    |     |    |
| 19    |     | ✓  |  | 59    |     |    |
| 20    | ✓   |    |  | 60    |     |    |
| 21    |     | ✓  |  | 61    |     |    |
| 22    |     | ✓  |  | 62    |     |    |
| 23    |     | ✓  |  | 63    |     |    |
| 24    |     | ✓  |  | 64    |     |    |
| 25    |     | ✓  |  | 65    |     |    |
| 26    |     | ✓  |  | 66    |     |    |
| 27    |     | ✓  |  | 67    |     |    |
| 28    |     | ✓  |  | 68    |     |    |
| 29    | ✓   |    |  | 69    |     |    |
| 30    |     | ✓  |  | 70    |     |    |
| 31    |     | ✓  |  | 71    |     |    |
| 32    |     |    |  | 72    |     |    |
| 33    |     |    |  | 73    |     |    |
| 34    |     |    |  | 74    |     |    |
| 35    |     |    |  | 75    |     |    |
| 36    |     |    |  | 76    |     |    |
| 37    |     |    |  | 77    |     |    |
| 38    |     |    |  | 78    |     |    |
| 39    |     |    |  | 79    |     |    |
| 40    |     |    |  | 80    |     |    |



## CAR WASH SURVEY - BIRD ROAD (PM)

After your car wash are you going back to where you just came from?

| Veh # | Yes | No |  | Veh # | Yes | No |
|-------|-----|----|--|-------|-----|----|
| 1     |     | ✓  |  | 41    |     |    |
| 2     |     | ✓  |  | 42    |     |    |
| 3     | ✓   |    |  | 43    |     |    |
| 4     |     | ✓  |  | 44    |     |    |
| 5     | ✓   |    |  | 45    |     |    |
| 6     |     | ✓  |  | 46    |     |    |
| 7     | ✓   |    |  | 47    |     |    |
| 8     |     | ✓  |  | 48    |     |    |
| 9     |     | ✓  |  | 49    |     |    |
| 10    |     | ✓  |  | 50    |     |    |
| 11    | ✓   |    |  | 51    |     |    |
| 12    |     | ✓  |  | 52    |     |    |
| 13    |     | ✓  |  | 53    |     |    |
| 14    | ✓   |    |  | 54    |     |    |
| 15    |     | ✓  |  | 55    |     |    |
| 16    |     | ✓  |  | 56    |     |    |
| 17    |     | ✓  |  | 57    |     |    |
| 18    |     | ✓  |  | 58    |     |    |
| 19    |     | ✓  |  | 59    |     |    |
| 20    |     | ✓  |  | 60    |     |    |
| 21    |     | ✓  |  | 61    |     |    |
| 22    |     | ✓  |  | 62    |     |    |
| 23    |     | ✓  |  | 63    |     |    |
| 24    |     | ✓  |  | 64    |     |    |
| 25    |     | ✓  |  | 65    |     |    |
| 26    | ✓   |    |  | 66    |     |    |
| 27    |     | ✓  |  | 67    |     |    |
| 28    |     | ✓  |  | 68    |     |    |
| 29    |     | ✓  |  | 69    |     |    |
| 30    |     | ✓  |  | 70    |     |    |
| 31    |     |    |  | 71    |     |    |
| 32    |     |    |  | 72    |     |    |
| 33    |     |    |  | 73    |     |    |
| 34    |     |    |  | 74    |     |    |
| 35    |     |    |  | 75    |     |    |
| 36    |     |    |  | 76    |     |    |
| 37    |     |    |  | 77    |     |    |
| 38    |     |    |  | 78    |     |    |
| 39    |     |    |  | 79    |     |    |
| 40    |     |    |  | 80    |     |    |



## **APPENDIX C**

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### **ITE Trip Generation**



# Land Use: 948

## Automated Car Wash

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### Description

An automated car wash is a facility that allows for the mechanical cleaning of the exterior of vehicles. Manual cleaning service may also be available at the facility. Self-service car wash (Land Use 947) and car wash and detail center (Land Use 949) are related uses.

### Additional Data

The sites were surveyed in the 1990s and the 2000s in New Jersey, New York, and Washington.

### Source Numbers

552, 555, 585, 599, 954



# Automated Car Wash (948)

## Vehicle Trip Ends vs: Car Wash Tunnels

On a: Weekday,

Peak Hour of Adjacent Street Traffic,

One Hour Between 4 and 6 p.m.

Setting/Location: General Urban/Suburban

Number of Studies: 3

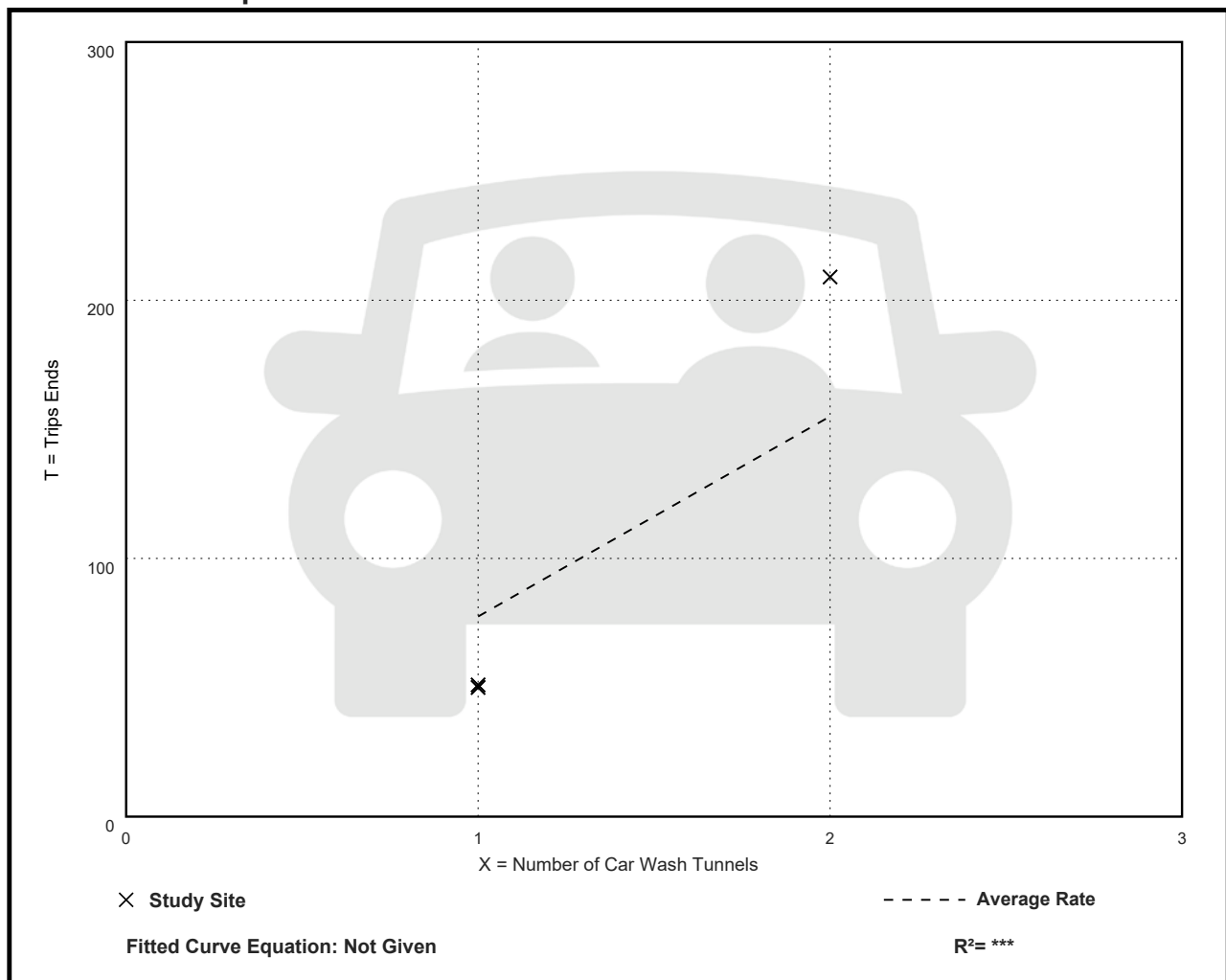
Avg. Num. of Car Wash Tunnels: 1

Directional Distribution: 50% entering, 50% exiting

## Vehicle Trip Generation per Car Wash Tunnel

| Average Rate | Range of Rates | Standard Deviation |
|--------------|----------------|--------------------|
| 77.50        | 50.00 - 104.50 | 33.07              |

## Data Plot and Equation





# Automated Car Wash (948)

## Vehicle Trip Ends vs: Car Wash Tunnels

On a: Saturday, Peak Hour of Generator

Setting/Location: General Urban/Suburban

Number of Studies: 1

Avg. Num. of Car Wash Tunnels: 1

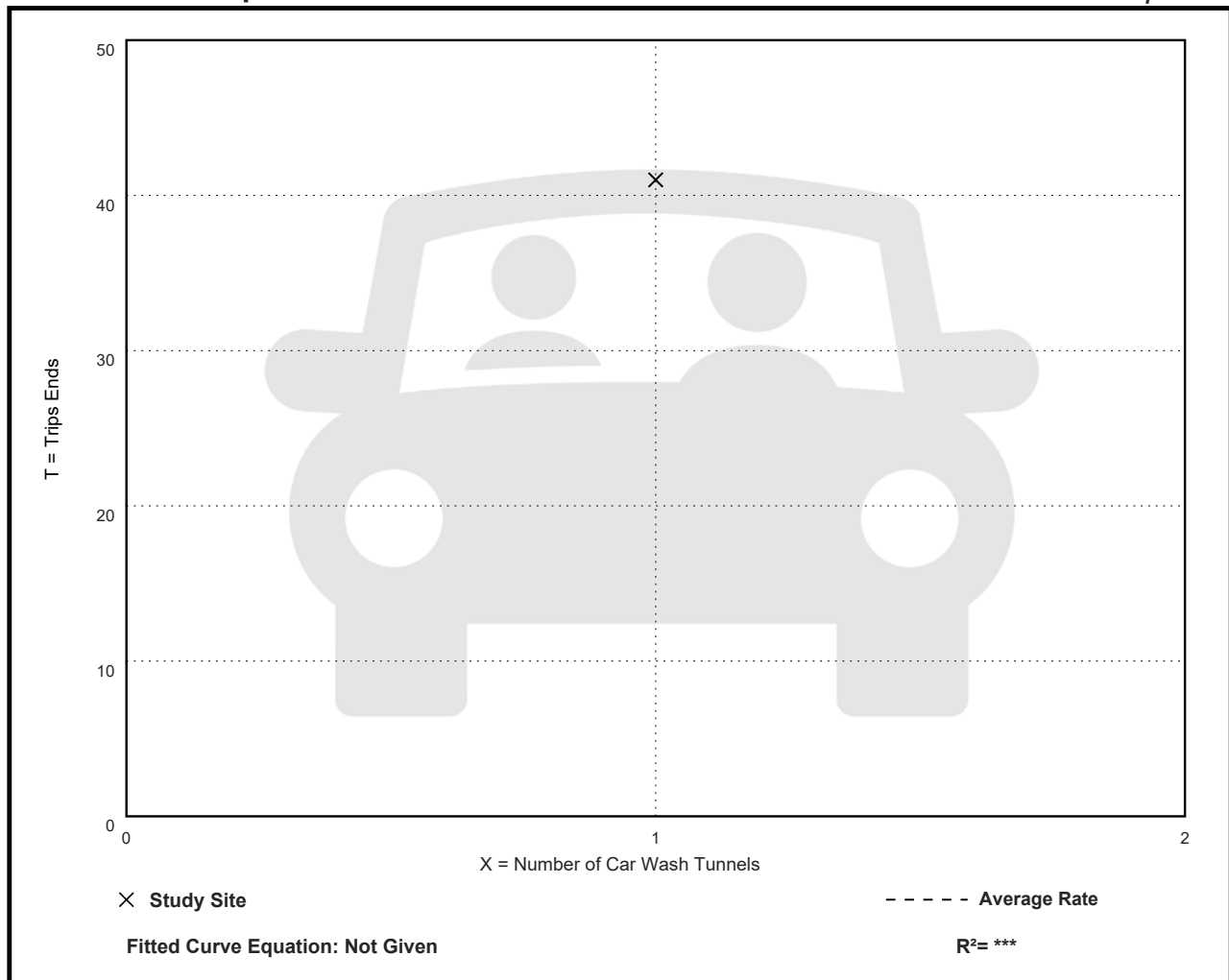
Directional Distribution: 46% entering, 54% exiting

## Vehicle Trip Generation per Car Wash Tunnel

| Average Rate | Range of Rates | Standard Deviation |
|--------------|----------------|--------------------|
| 41.00        | 41.00 - 41.00  | ***                |

## Data Plot and Equation

Caution – Small Sample Size





# Automated Car Wash (948)

Vehicle Trip Ends vs: 1000 Sq. Ft. GFA

On a: Weekday,

Peak Hour of Adjacent Street Traffic,

One Hour Between 4 and 6 p.m.

Setting/Location: General Urban/Suburban

Number of Studies: 1

Avg. 1000 Sq. Ft. GFA: 2

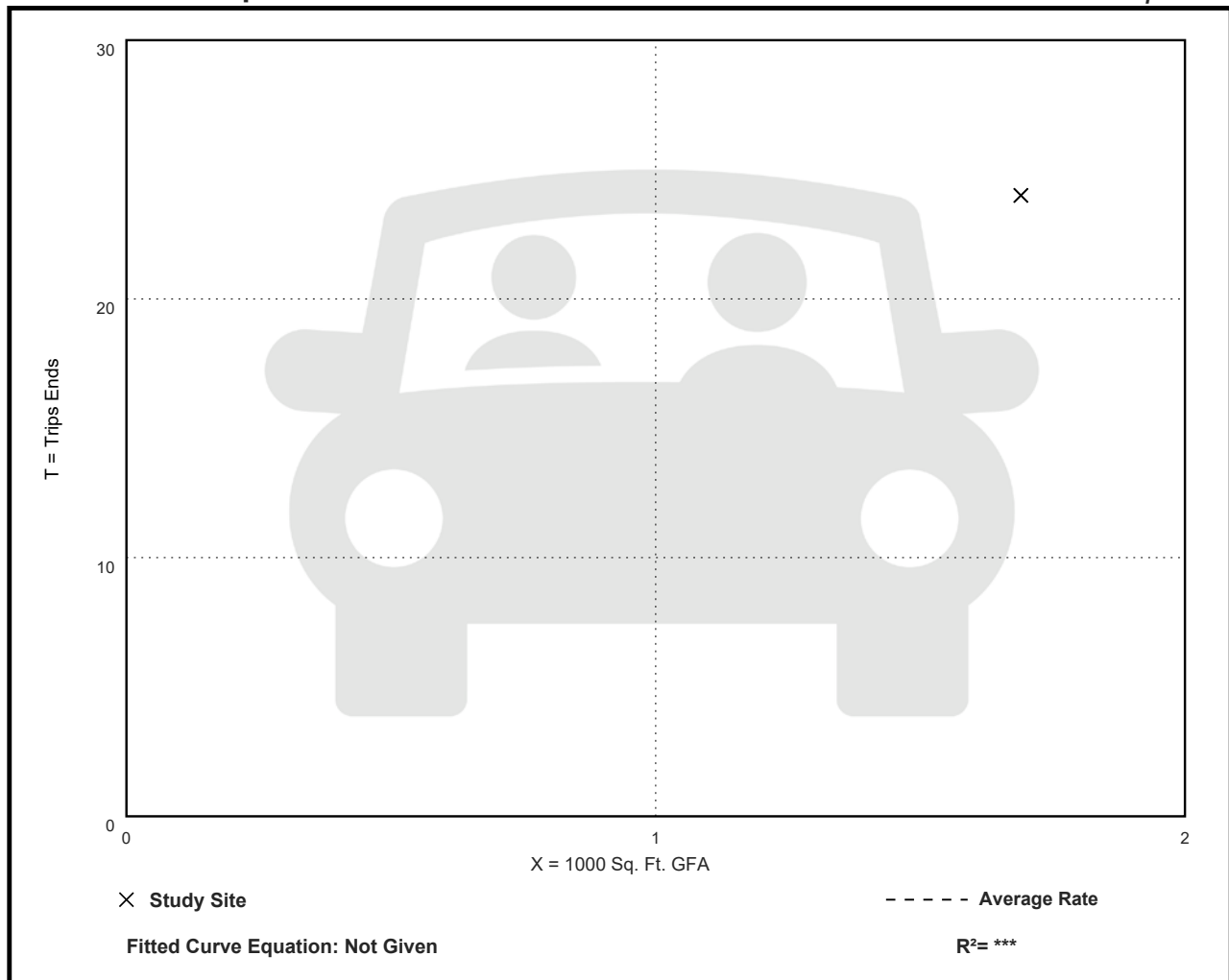
Directional Distribution: 50% entering, 50% exiting

## Vehicle Trip Generation per 1000 Sq. Ft. GFA

| Average Rate | Range of Rates | Standard Deviation |
|--------------|----------------|--------------------|
| 14.20        | 14.20 - 14.20  | ***                |

## Data Plot and Equation

Caution – Small Sample Size





# Automated Car Wash (948)

Vehicle Trip Ends vs: 1000 Sq. Ft. GFA

On a: Weekday,

PM Peak Hour of Generator

Setting/Location: General Urban/Suburban

Number of Studies: 2

Avg. 1000 Sq. Ft. GFA: 5

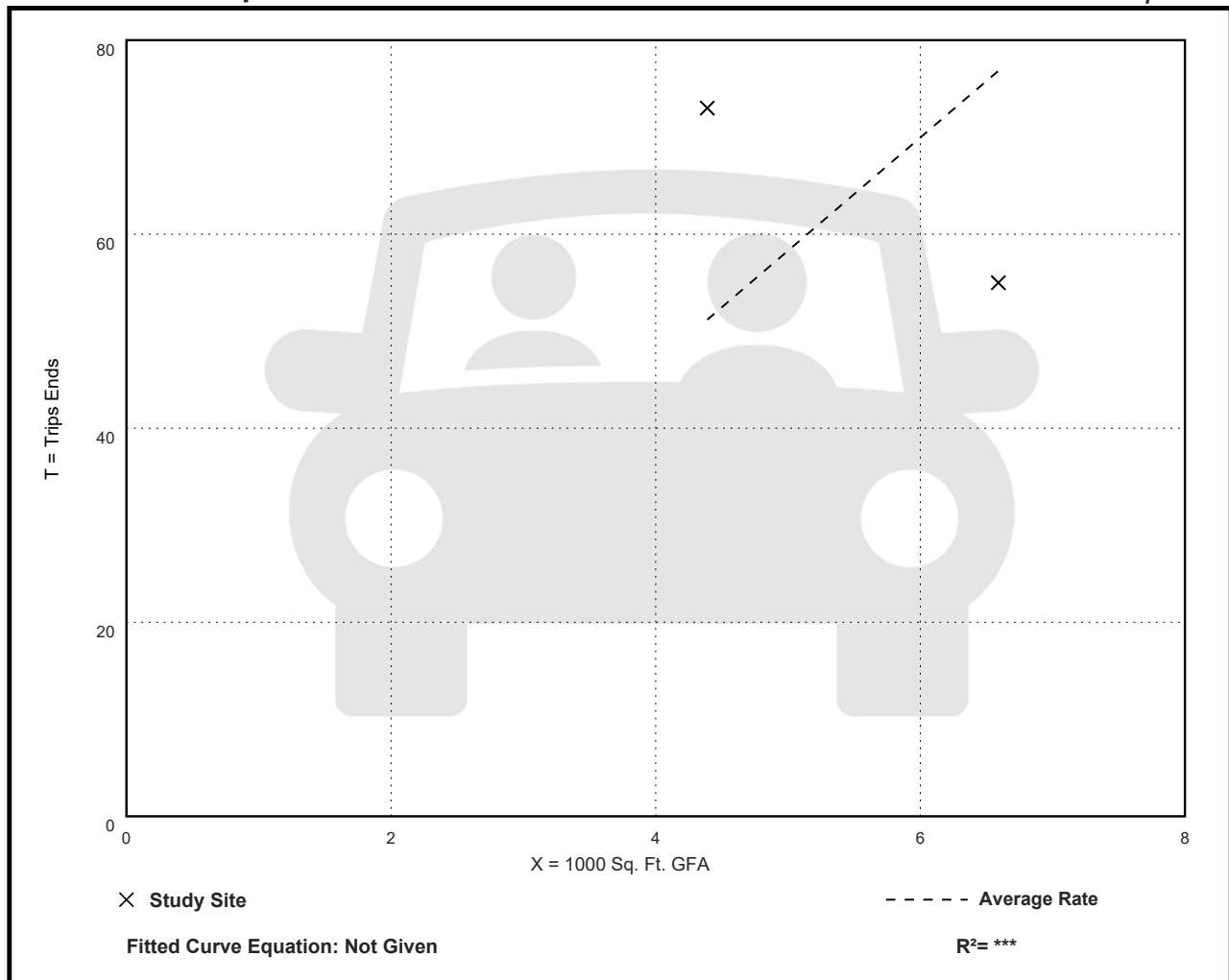
Directional Distribution: 50% entering, 50% exiting

## Vehicle Trip Generation per 1000 Sq. Ft. GFA

| Average Rate | Range of Rates | Standard Deviation |
|--------------|----------------|--------------------|
| 11.66        | 8.35 - 16.63   | ***                |

## Data Plot and Equation

Caution – Small Sample Size





# Automated Car Wash (948)

Vehicle Trip Ends vs: 1000 Sq. Ft. GFA

On a: Saturday, Peak Hour of Generator

Setting/Location: General Urban/Suburban

Number of Studies: 3

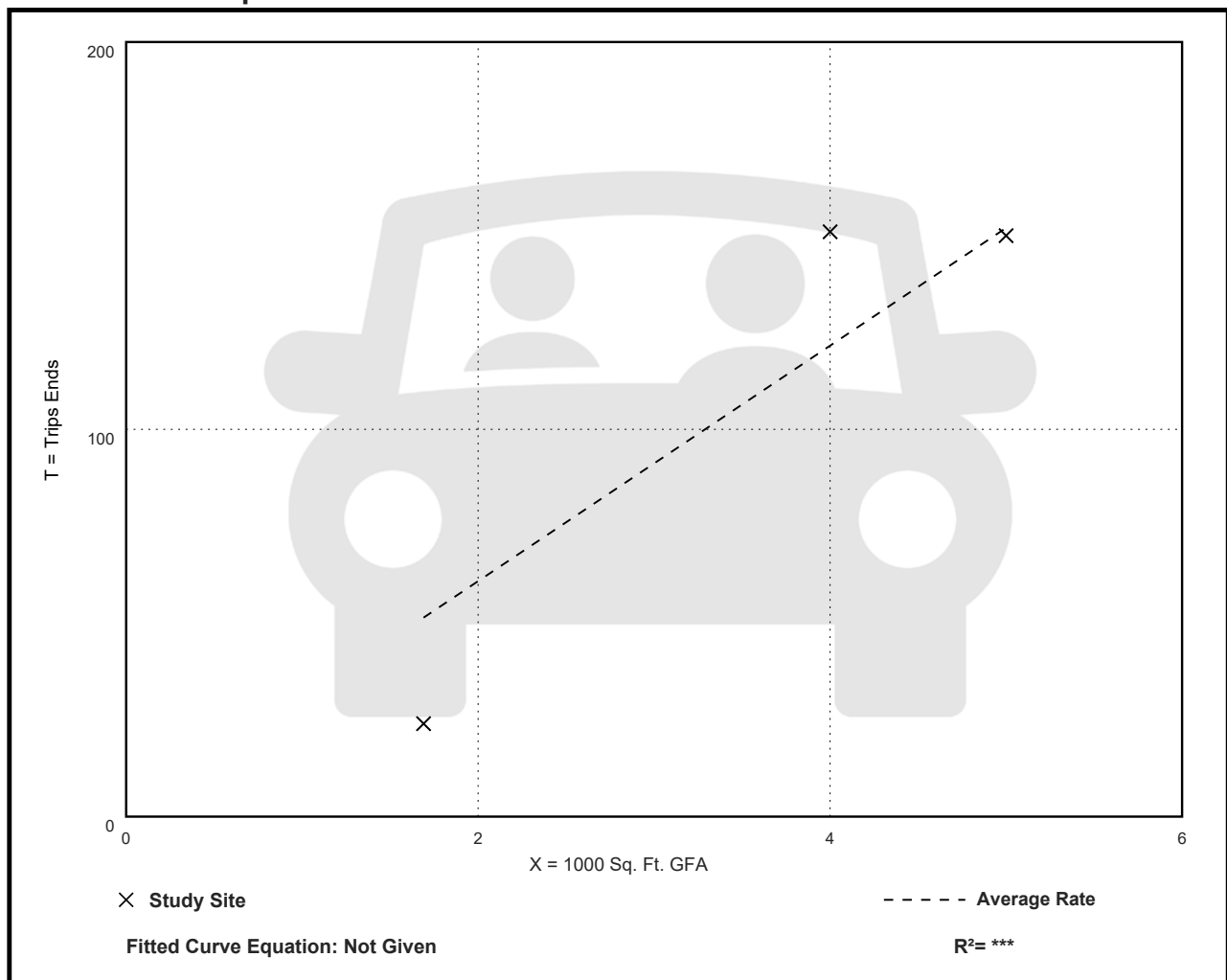
Avg. 1000 Sq. Ft. GFA: 4

Directional Distribution: 50% entering, 50% exiting

## Vehicle Trip Generation per 1000 Sq. Ft. GFA

| Average Rate | Range of Rates | Standard Deviation |
|--------------|----------------|--------------------|
| 30.40        | 14.20 - 37.75  | 9.63               |

## Data Plot and Equation





# **APPENDIX D**

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## **FTO Data**



COUNTY: 86  
STATION: 0026  
DESCRIPTION: SR 814/ATLANTIC BLVD - E OF POWERLINE RD  
START DATE: 04/09/2024  
START TIME: 0000

| TIME            | DIRECTION: E |     |     |     |       | DIRECTION: W |     |     |     |       | COMBINED<br>TOTAL |       |
|-----------------|--------------|-----|-----|-----|-------|--------------|-----|-----|-----|-------|-------------------|-------|
|                 | 1ST          | 2ND | 3RD | 4TH | TOTAL | 1ST          | 2ND | 3RD | 4TH | TOTAL |                   |       |
| 0000            | 91           | 96  | 57  | 48  | 292   | 90           | 104 | 85  | 61  | 340   | 632               |       |
| 0100            | 67           | 48  | 48  | 35  | 198   | 54           | 55  | 47  | 44  | 200   | 398               |       |
| 0200            | 36           | 45  | 32  | 46  | 159   | 36           | 35  | 29  | 41  | 141   | 300               |       |
| 0300            | 30           | 39  | 25  | 37  | 131   | 30           | 27  | 41  | 33  | 131   | 262               |       |
| 0400            | 59           | 39  | 66  | 85  | 249   | 29           | 24  | 32  | 49  | 134   | 383               |       |
| 0500            | 72           | 119 | 141 | 186 | 518   | 38           | 53  | 52  | 116 | 259   | 777               |       |
| 0600            | 202          | 272 | 359 | 413 | 1246  | 97           | 141 | 182 | 250 | 670   | 1916              |       |
| 0700            | 447          | 396 | 415 | 412 | 1670  | 226          | 234 | 276 | 352 | 1088  | 2758              |       |
| 0800            | 357          | 407 | 357 | 413 | 1534  | 359          | 328 | 330 | 370 | 1387  | 2921              |       |
| 0900            | 377          | 404 | 374 | 391 | 1546  | 300          | 273 | 297 | 339 | 1209  | 2755              |       |
| 1000            | 316          | 314 | 335 | 375 | 1340  | 349          | 341 | 288 | 352 | 1330  | 2670              |       |
| 1100            | 382          | 376 | 400 | 473 | 1631  | 355          | 299 | 373 | 251 | 1278  | 2909              |       |
| 1200            | 413          | 459 | 494 | 470 | 1836  | 297          | 322 | 258 | 263 | 1140  | 2976              |       |
| 1300            | 449          | 556 | 444 | 532 | 1981  | 288          | 262 | 283 | 297 | 1130  | 3111              |       |
| 1400            | 528          | 435 | 504 | 513 | 1980  | 298          | 296 | 301 | 307 | 1202  | 3182              |       |
| 1500            | 428          | 417 | 536 | 442 | 1823  | 381          | 369 | 427 | 398 | 1575  | 3398              |       |
| 1600            | 452          | 457 | 430 | 492 | 1831  | 433          | 368 | 417 | 382 | 1600  | 3431              |       |
| 1700            | 446          | 443 | 420 | 354 | 1663  | 459          | 411 | 405 | 337 | 1612  | 3275              |       |
| 1800            | 373          | 346 | 392 | 351 | 1462  | 312          | 486 | 481 | 376 | 1655  | 3117              |       |
| 1900            | 333          | 358 | 311 | 223 | 1225  | 357          | 260 | 294 | 329 | 1240  | 2465              |       |
| 2000            | 262          | 274 | 222 | 223 | 981   | 315          | 358 | 282 | 304 | 1259  | 2240              |       |
| 2100            | 233          | 222 | 241 | 184 | 880   | 247          | 222 | 326 | 215 | 1010  | 1890              |       |
| 2200            | 203          | 190 | 165 | 154 | 712   | 258          | 216 | 216 | 208 | 898   | 1610              |       |
| 2300            | 155          | 127 | 85  | 87  | 454   | 196          | 174 | 133 | 117 | 620   | 1074              |       |
| 24-HOUR TOTALS: |              |     |     |     | 27342 |              |     |     |     |       | 23108             | 50450 |

| PEAK VOLUME INFORMATION |      |        |              |        |                     |        |
|-------------------------|------|--------|--------------|--------|---------------------|--------|
| DIRECTION: E            |      |        | DIRECTION: W |        | COMBINED DIRECTIONS |        |
| A.M.                    | HOUR | VOLUME | HOUR         | VOLUME | HOUR                | VOLUME |
|                         | 645  | 1671   | 800          | 1387   | 800                 | 2921   |
| P.M.                    | 1315 | 2060   | 1630         | 1669   | 1530                | 3513   |
| DAILY                   | 1315 | 2060   | 1815         | 1700   | 1530                | 3513   |
| TRUCK PERCENTAGE        |      | 4.75   |              |        | 6.55                | 5.58   |

| CLASSIFICATION SUMMARY DATABASE |     |       |      |     |     |     |    |     |     |    |    |    |    |    |    |               |
|---------------------------------|-----|-------|------|-----|-----|-----|----|-----|-----|----|----|----|----|----|----|---------------|
| DIR                             | 1   | 2     | 3    | 4   | 5   | 6   | 7  | 8   | 9   | 10 | 11 | 12 | 13 | 14 | 15 | TOTTRK TOTVOL |
| E                               | 48  | 19211 | 6700 | 138 | 821 | 66  | 44 | 76  | 144 | 4  | 0  | 6  | 1  | 0  | 0  | 1300 27342    |
| W                               | 232 | 17372 | 3964 | 267 | 701 | 185 | 7  | 214 | 123 | 13 | 2  | 0  | 1  | 0  | 0  | 1513 23108    |



COUNTY: 86  
STATION: 0026  
DESCRIPTION: SR 814/ATLANTIC BLVD - E OF POWERLINE RD  
START DATE: 04/10/2024  
START TIME: 0000

| TIME            | DIRECTION: E |     |     |     |       | DIRECTION: W |     |     |     |       | COMBINED TOTAL |       |
|-----------------|--------------|-----|-----|-----|-------|--------------|-----|-----|-----|-------|----------------|-------|
|                 | 1ST          | 2ND | 3RD | 4TH | TOTAL | 1ST          | 2ND | 3RD | 4TH | TOTAL |                |       |
| 0000            | 76           | 68  | 68  | 55  | 267   | 103          | 99  | 79  | 72  | 353   | 620            |       |
| 0100            | 61           | 49  | 55  | 57  | 222   | 48           | 64  | 49  | 46  | 207   | 429            |       |
| 0200            | 55           | 52  | 36  | 41  | 184   | 37           | 35  | 23  | 38  | 133   | 317            |       |
| 0300            | 43           | 41  | 42  | 40  | 166   | 30           | 26  | 27  | 29  | 112   | 278            |       |
| 0400            | 48           | 52  | 71  | 74  | 245   | 31           | 30  | 35  | 40  | 136   | 381            |       |
| 0500            | 74           | 110 | 151 | 232 | 567   | 41           | 61  | 86  | 106 | 294   | 861            |       |
| 0600            | 261          | 298 | 346 | 436 | 1341  | 118          | 155 | 188 | 210 | 671   | 2012           |       |
| 0700            | 453          | 426 | 479 | 454 | 1812  | 204          | 271 | 277 | 360 | 1112  | 2924           |       |
| 0800            | 437          | 445 | 364 | 463 | 1709  | 357          | 308 | 318 | 303 | 1286  | 2995           |       |
| 0900            | 424          | 413 | 407 | 372 | 1616  | 322          | 276 | 292 | 288 | 1178  | 2794           |       |
| 1000            | 341          | 354 | 378 | 366 | 1439  | 320          | 363 | 316 | 358 | 1357  | 2796           |       |
| 1100            | 366          | 368 | 416 | 368 | 1518  | 347          | 324 | 341 | 410 | 1422  | 2940           |       |
| 1200            | 372          | 366 | 424 | 405 | 1567  | 414          | 391 | 375 | 376 | 1556  | 3123           |       |
| 1300            | 368          | 431 | 427 | 435 | 1661  | 354          | 379 | 457 | 412 | 1602  | 3263           |       |
| 1400            | 373          | 377 | 395 | 407 | 1552  | 437          | 488 | 409 | 500 | 1834  | 3386           |       |
| 1500            | 388          | 345 | 397 | 412 | 1542  | 504          | 489 | 495 | 535 | 2023  | 3565           |       |
| 1600            | 364          | 403 | 348 | 365 | 1480  | 545          | 575 | 531 | 441 | 2092  | 3572           |       |
| 1700            | 395          | 359 | 325 | 379 | 1458  | 550          | 538 | 486 | 530 | 2104  | 3562           |       |
| 1800            | 350          | 360 | 382 | 365 | 1457  | 496          | 499 | 451 | 436 | 1882  | 3339           |       |
| 1900            | 301          | 322 | 300 | 260 | 1183  | 393          | 346 | 382 | 312 | 1433  | 2616           |       |
| 2000            | 239          | 273 | 284 | 226 | 1022  | 313          | 314 | 345 | 326 | 1298  | 2320           |       |
| 2100            | 270          | 226 | 221 | 214 | 931   | 307          | 284 | 254 | 285 | 1130  | 2061           |       |
| 2200            | 203          | 176 | 170 | 143 | 692   | 255          | 276 | 227 | 194 | 952   | 1644           |       |
| 2300            | 154          | 126 | 97  | 82  | 459   | 197          | 174 | 166 | 131 | 668   | 1127           |       |
| 24-HOUR TOTALS: |              |     |     |     | 26090 |              |     |     |     |       | 26835          | 52925 |

| PEAK VOLUME INFORMATION |      |        |  |              |        |               |                   |
|-------------------------|------|--------|--|--------------|--------|---------------|-------------------|
| DIRECTION: E            |      |        |  | DIRECTION: W |        |               |                   |
| A.M.                    | HOUR | VOLUME |  | HOUR         | VOLUME | COMBINED HOUR | DIRECTIONS VOLUME |
|                         | 730  | 1815   |  | 745          | 1343   | 730           | 3117              |
| P.M.                    | 1315 | 1666   |  | 1545         | 2186   | 1530          | 3726              |
| DAILY                   | 730  | 1815   |  | 1545         | 2186   | 1530          | 3726              |
| TRUCK PERCENTAGE        |      | 4.54   |  | 5.93         |        | 5.25          |                   |

| CLASSIFICATION SUMMARY DATABASE |     |       |      |     |     |     |    |     |     |    |    |    |    |    |    |               |
|---------------------------------|-----|-------|------|-----|-----|-----|----|-----|-----|----|----|----|----|----|----|---------------|
| DIR                             | 1   | 2     | 3    | 4   | 5   | 6   | 7  | 8   | 9   | 10 | 11 | 12 | 13 | 14 | 15 | TOTTRK TOTVOL |
| E                               | 45  | 18516 | 6294 | 121 | 775 | 54  | 37 | 77  | 113 | 7  | 0  | 0  | 1  | 0  | 0  | 1185 26090    |
| W                               | 253 | 20468 | 4467 | 196 | 838 | 166 | 10 | 198 | 169 | 13 | 1  | 0  | 1  | 0  | 0  | 1592 26835    |



COUNTY: 86  
STATION: 0131  
DESCRIPTION: SR 845/POWERLINE RD - N OF CYPRESS CREEK RD  
START DATE: 03/13/2024  
START TIME: 0000

| TIME            | DIRECTION: N |     |     |     |       | DIRECTION: S |     |     |     |       | COMBINED TOTAL |       |
|-----------------|--------------|-----|-----|-----|-------|--------------|-----|-----|-----|-------|----------------|-------|
|                 | 1ST          | 2ND | 3RD | 4TH | TOTAL | 1ST          | 2ND | 3RD | 4TH | TOTAL |                |       |
| 0000            | 59           | 49  | 52  | 39  | 199   | 35           | 51  | 42  | 51  | 179   | 378            |       |
| 0100            | 46           | 44  | 33  | 30  | 153   | 33           | 28  | 26  | 21  | 108   | 261            |       |
| 0200            | 33           | 20  | 33  | 25  | 111   | 39           | 39  | 26  | 27  | 131   | 242            |       |
| 0300            | 17           | 27  | 24  | 32  | 100   | 15           | 19  | 21  | 23  | 78    | 178            |       |
| 0400            | 26           | 34  | 46  | 55  | 161   | 42           | 23  | 31  | 45  | 141   | 302            |       |
| 0500            | 61           | 75  | 110 | 179 | 425   | 49           | 68  | 83  | 122 | 322   | 747            |       |
| 0600            | 154          | 148 | 206 | 265 | 773   | 132          | 165 | 180 | 242 | 719   | 1492           |       |
| 0700            | 251          | 274 | 261 | 324 | 1110  | 265          | 347 | 411 | 480 | 1503  | 2613           |       |
| 0800            | 290          | 254 | 306 | 284 | 1134  | 449          | 431 | 407 | 434 | 1721  | 2855           |       |
| 0900            | 268          | 263 | 252 | 281 | 1064  | 354          | 300 | 363 | 308 | 1325  | 2389           |       |
| 1000            | 274          | 272 | 276 | 255 | 1077  | 292          | 300 | 285 | 306 | 1183  | 2260           |       |
| 1100            | 255          | 269 | 270 | 267 | 1061  | 307          | 238 | 275 | 268 | 1088  | 2149           |       |
| 1200            | 295          | 319 | 338 | 296 | 1248  | 274          | 302 | 304 | 311 | 1191  | 2439           |       |
| 1300            | 316          | 322 | 291 | 336 | 1265  | 291          | 324 | 275 | 320 | 1210  | 2475           |       |
| 1400            | 328          | 337 | 356 | 298 | 1319  | 316          | 328 | 295 | 275 | 1214  | 2533           |       |
| 1500            | 330          | 339 | 349 | 347 | 1365  | 322          | 293 | 331 | 348 | 1294  | 2659           |       |
| 1600            | 339          | 354 | 351 | 376 | 1420  | 347          | 347 | 366 | 416 | 1476  | 2896           |       |
| 1700            | 457          | 405 | 362 | 346 | 1570  | 402          | 423 | 354 | 324 | 1503  | 3073           |       |
| 1800            | 366          | 356 | 316 | 299 | 1337  | 286          | 318 | 267 | 292 | 1163  | 2500           |       |
| 1900            | 255          | 225 | 201 | 207 | 888   | 254          | 217 | 195 | 203 | 869   | 1757           |       |
| 2000            | 212          | 199 | 221 | 186 | 818   | 178          | 189 | 152 | 149 | 668   | 1486           |       |
| 2100            | 148          | 181 | 157 | 133 | 619   | 136          | 154 | 108 | 138 | 536   | 1155           |       |
| 2200            | 151          | 127 | 118 | 108 | 504   | 128          | 111 | 98  | 104 | 441   | 945            |       |
| 2300            | 98           | 79  | 73  | 73  | 323   | 119          | 114 | 94  | 84  | 411   | 734            |       |
| 24-HOUR TOTALS: |              |     |     |     | 20044 |              |     |     |     |       | 20474          | 40518 |

| PEAK VOLUME INFORMATION |      |        |              |        |                     |        |
|-------------------------|------|--------|--------------|--------|---------------------|--------|
| DIRECTION: N            |      |        | DIRECTION: S |        | COMBINED DIRECTIONS |        |
| A.M.                    | HOUR | VOLUME | HOUR         | VOLUME | HOUR                | VOLUME |
|                         | 745  | 1174   | 730          | 1771   | 745                 | 2941   |
| P.M.                    | 1645 | 1600   | 1630         | 1607   | 1630                | 3196   |
| DAILY                   | 1645 | 1600   | 730          | 1771   | 1630                | 3196   |



COUNTY: 86  
STATION: 0131  
DESCRIPTION: SR 845/POWERLINE RD - N OF CYPRESS CREEK RD  
START DATE: 03/14/2024  
START TIME: 0000

| TIME            | DIRECTION: N |     |     |     |       | DIRECTION: S |     |     |     |       | COMBINED<br>TOTAL |       |
|-----------------|--------------|-----|-----|-----|-------|--------------|-----|-----|-----|-------|-------------------|-------|
|                 | 1ST          | 2ND | 3RD | 4TH | TOTAL | 1ST          | 2ND | 3RD | 4TH | TOTAL |                   |       |
| 0000            | 51           | 48  | 51  | 43  | 193   | 72           | 55  | 63  | 37  | 227   | 420               |       |
| 0100            | 45           | 43  | 39  | 31  | 158   | 42           | 45  | 42  | 36  | 165   | 323               |       |
| 0200            | 28           | 19  | 30  | 41  | 118   | 30           | 34  | 42  | 20  | 126   | 244               |       |
| 0300            | 18           | 23  | 25  | 30  | 96    | 22           | 15  | 22  | 25  | 84    | 180               |       |
| 0400            | 26           | 31  | 38  | 51  | 146   | 28           | 41  | 33  | 42  | 144   | 290               |       |
| 0500            | 46           | 81  | 139 | 147 | 413   | 44           | 62  | 82  | 98  | 286   | 699               |       |
| 0600            | 116          | 161 | 201 | 233 | 711   | 135          | 149 | 167 | 216 | 667   | 1378              |       |
| 0700            | 227          | 221 | 282 | 288 | 1018  | 265          | 361 | 424 | 414 | 1464  | 2482              |       |
| 0800            | 240          | 248 | 234 | 282 | 1004  | 435          | 388 | 415 | 384 | 1622  | 2626              |       |
| 0900            | 290          | 268 | 238 | 264 | 1060  | 350          | 292 | 329 | 316 | 1287  | 2347              |       |
| 1000            | 253          | 217 | 277 | 165 | 912   | 294          | 301 | 287 | 314 | 1196  | 2108              |       |
| 1100            | 275          | 294 | 252 | 311 | 1132  | 284          | 238 | 291 | 274 | 1087  | 2219              |       |
| 1200            | 289          | 337 | 316 | 278 | 1220  | 310          | 306 | 307 | 299 | 1222  | 2442              |       |
| 1300            | 320          | 270 | 298 | 333 | 1221  | 337          | 315 | 325 | 299 | 1276  | 2497              |       |
| 1400            | 304          | 323 | 338 | 319 | 1284  | 273          | 359 | 302 | 321 | 1255  | 2539              |       |
| 1500            | 347          | 332 | 332 | 316 | 1327  | 276          | 349 | 343 | 330 | 1298  | 2625              |       |
| 1600            | 310          | 380 | 374 | 344 | 1408  | 362          | 354 | 311 | 428 | 1455  | 2863              |       |
| 1700            | 417          | 379 | 383 | 327 | 1506  | 401          | 411 | 392 | 317 | 1521  | 3027              |       |
| 1800            | 329          | 269 | 282 | 240 | 1120  | 305          | 346 | 237 | 328 | 1216  | 2336              |       |
| 1900            | 248          | 205 | 226 | 183 | 862   | 311          | 275 | 289 | 259 | 1134  | 1996              |       |
| 2000            | 210          | 190 | 193 | 180 | 773   | 217          | 212 | 138 | 125 | 692   | 1465              |       |
| 2100            | 153          | 153 | 121 | 142 | 569   | 140          | 130 | 139 | 139 | 548   | 1117              |       |
| 2200            | 166          | 150 | 232 | 247 | 795   | 130          | 125 | 103 | 95  | 453   | 1248              |       |
| 2300            | 159          | 134 | 114 | 83  | 490   | 102          | 100 | 84  | 80  | 366   | 856               |       |
| 24-HOUR TOTALS: |              |     |     |     | 19536 |              |     |     |     |       | 20791             | 40327 |

| PEAK VOLUME INFORMATION |      |        |              |        |                     |        |
|-------------------------|------|--------|--------------|--------|---------------------|--------|
| DIRECTION: N            |      |        | DIRECTION: S |        | COMBINED DIRECTIONS |        |
| A.M.                    | HOUR | VOLUME | HOUR         | VOLUME | HOUR                | VOLUME |
|                         | 845  | 1078   | 730          | 1661   | 730                 | 2719   |
| P.M.                    | 1645 | 1523   | 1645         | 1632   | 1645                | 3155   |
| DAILY                   | 1645 | 1523   | 730          | 1661   | 1645                | 3155   |



FLORIDA DEPARTMENT OF TRANSPORTATION  
TRANSPORTATION STATISTICS OFFICE  
2024 HISTORICAL AADT REPORT

COUNTY: 86 - BROWARD

SITE: 0131 - SR 845/POWERLINE RD - N OF CYPRESS CREEK RD

| YEAR | AADT    |   | DIRECTION 1 | DIRECTION 2 | *K FACTOR | D FACTOR | T FACTOR |
|------|---------|---|-------------|-------------|-----------|----------|----------|
| ---- | -----   |   | -----       | -----       | -----     | -----    | -----    |
| 2024 | 39500 C | N | 19500       | S 20000     | 9.00      | 55.00    | 4.50     |
| 2023 | 37000 C | N | 18000       | S 19000     | 9.00      | 57.90    | 4.50     |
| 2022 | 46000 C | N | 21500       | S 24500     | 9.00      | 57.00    | 4.50     |
| 2021 | 32500 C | N | 15500       | S 17000     | 9.00      | 53.80    | 6.70     |
| 2020 | 39000 F | N | 18500       | S 20500     | 9.00      | 53.90    | 6.70     |
| 2019 | 41000 C | N | 19500       | S 21500     | 9.00      | 54.60    | 6.70     |
| 2018 | 42000 C | N | 20500       | S 21500     | 9.00      | 54.50    | 13.00    |
| 2017 | 41000 C | N | 19500       | S 21500     | 9.00      | 51.90    | 13.00    |
| 2016 | 39500 C | N | 18500       | S 21000     | 9.00      | 54.10    | 13.00    |
| 2015 | 36500 C | N | 19000       | S 17500     | 9.00      | 54.00    | 10.60    |
| 2014 | 35000 C | N | 18000       | S 17000     | 9.00      | 54.20    | 10.60    |
| 2013 | 37500 C | N | 18000       | S 19500     | 9.00      | 53.60    | 10.60    |
| 2012 | 36500 C | N | 19000       | S 17500     | 9.00      | 52.20    | 5.40     |
| 2011 | 36500 C | N | 17500       | S 19000     | 9.00      | 52.50    | 5.40     |
| 2010 | 35500 C | N | 17000       | S 18500     | 8.35      | 52.69    | 5.40     |
| 2009 | 38000 F | N | 18000       | S 20000     | 8.53      | 53.89    | 5.00     |

AADT FLAGS: C = COMPUTED; E = MANUAL ESTIMATE; F = FIRST YEAR ESTIMATE  
S = SECOND YEAR ESTIMATE; T = THIRD YEAR ESTIMATE; R = FOURTH YEAR ESTIMATE  
V = FIFTH YEAR ESTIMATE; 6 = SIXTH YEAR ESTIMATE; X = UNKNOWN  
\*K FACTOR: STARTING WITH YEAR 2011 IS STANDARDK, PRIOR YEARS ARE K30 VALUES



COUNTY: 86  
STATION: 0450  
DESCRIPTION: SR 845/POWERLINE RD - S OF SR 814/ATLANTIC BLVD  
START DATE: 02/22/2024  
START TIME: 0000

| TIME            | DIRECTION: N |     |     |     |       | DIRECTION: S |     |     |     |       | COMBINED TOTAL |       |
|-----------------|--------------|-----|-----|-----|-------|--------------|-----|-----|-----|-------|----------------|-------|
|                 | 1ST          | 2ND | 3RD | 4TH | TOTAL | 1ST          | 2ND | 3RD | 4TH | TOTAL |                |       |
| 0000            | 117          | 99  | 82  | 105 | 403   | 32           | 32  | 21  | 23  | 108   | 511            |       |
| 0100            | 67           | 53  | 43  | 33  | 196   | 21           | 15  | 14  | 14  | 64    | 260            |       |
| 0200            | 55           | 41  | 38  | 25  | 159   | 18           | 14  | 13  | 19  | 64    | 223            |       |
| 0300            | 26           | 41  | 40  | 47  | 154   | 15           | 20  | 12  | 33  | 80    | 234            |       |
| 0400            | 48           | 36  | 28  | 43  | 155   | 23           | 30  | 40  | 49  | 142   | 297            |       |
| 0500            | 23           | 29  | 42  | 54  | 148   | 62           | 86  | 104 | 129 | 381   | 529            |       |
| 0600            | 53           | 62  | 104 | 156 | 375   | 195          | 220 | 323 | 310 | 1048  | 1423           |       |
| 0700            | 110          | 168 | 241 | 282 | 801   | 343          | 396 | 412 | 443 | 1594  | 2395           |       |
| 0800            | 227          | 260 | 310 | 280 | 1077  | 1287         | 332 | 344 | 309 | 2272  | 3349           |       |
| 0900            | 363          | 340 | 319 | 317 | 1339  | 374          | 354 | 309 | 354 | 1391  | 2730           |       |
| 1000            | 320          | 310 | 339 | 345 | 1314  | 339          | 310 | 278 | 310 | 1237  | 2551           |       |
| 1100            | 309          | 312 | 367 | 276 | 1264  | 300          | 287 | 332 | 323 | 1242  | 2506           |       |
| 1200            | 354          | 340 | 370 | 364 | 1428  | 362          | 342 | 395 | 374 | 1473  | 2901           |       |
| 1300            | 357          | 423 | 408 | 340 | 1528  | 350          | 371 | 392 | 377 | 1490  | 3018           |       |
| 1400            | 437          | 359 | 376 | 424 | 1596  | 311          | 335 | 339 | 330 | 1315  | 2911           |       |
| 1500            | 359          | 433 | 421 | 430 | 1643  | 385          | 363 | 382 | 360 | 1490  | 3133           |       |
| 1600            | 406          | 429 | 422 | 426 | 1683  | 379          | 408 | 398 | 425 | 1610  | 3293           |       |
| 1700            | 524          | 559 | 477 | 532 | 2092  | 488          | 421 | 373 | 357 | 1639  | 3731           |       |
| 1800            | 460          | 561 | 471 | 452 | 1944  | 335          | 301 | 273 | 288 | 1197  | 3141           |       |
| 1900            | 368          | 355 | 336 | 362 | 1421  | 223          | 181 | 174 | 149 | 727   | 2148           |       |
| 2000            | 322          | 299 | 247 | 213 | 1081  | 174          | 151 | 146 | 149 | 620   | 1701           |       |
| 2100            | 200          | 178 | 179 | 178 | 735   | 148          | 123 | 133 | 143 | 547   | 1282           |       |
| 2200            | 142          | 133 | 122 | 134 | 531   | 137          | 111 | 87  | 97  | 432   | 963            |       |
| 2300            | 136          | 110 | 137 | 106 | 489   | 70           | 56  | 49  | 46  | 221   | 710            |       |
| 24-HOUR TOTALS: |              |     |     |     | 23556 |              |     |     |     |       | 22384          | 45940 |

| PEAK VOLUME INFORMATION |      |        |              |        |                     |        |
|-------------------------|------|--------|--------------|--------|---------------------|--------|
| DIRECTION: N            |      |        | DIRECTION: S |        | COMBINED DIRECTIONS |        |
| A.M.                    | HOUR | VOLUME | HOUR         | VOLUME | HOUR                | VOLUME |
|                         | 845  | 1302   | 715          | 2538   | 745                 | 3485   |
| P.M.                    | 1700 | 2092   | 1630         | 1732   | 1700                | 3731   |
| DAILY                   | 1700 | 2092   | 715          | 2538   | 1700                | 3731   |



COUNTY: 86  
STATION: 0450  
DESCRIPTION: SR 845/POWERLINE RD - S OF SR 814/ATLANTIC BLVD  
START DATE: 02/23/2024  
START TIME: 0000

| TIME            | DIRECTION: N |     |     |     |       | DIRECTION: S |     |     |     |       | COMBINED<br>TOTAL |       |
|-----------------|--------------|-----|-----|-----|-------|--------------|-----|-----|-----|-------|-------------------|-------|
|                 | 1ST          | 2ND | 3RD | 4TH | TOTAL | 1ST          | 2ND | 3RD | 4TH | TOTAL |                   |       |
| 0000            | 108          | 92  | 75  | 98  | 373   | 30           | 30  | 18  | 22  | 100   | 473               |       |
| 0100            | 74           | 57  | 47  | 35  | 213   | 24           | 17  | 17  | 16  | 74    | 287               |       |
| 0200            | 53           | 41  | 38  | 25  | 157   | 18           | 14  | 13  | 19  | 64    | 221               |       |
| 0300            | 27           | 44  | 43  | 50  | 164   | 15           | 22  | 12  | 36  | 85    | 249               |       |
| 0400            | 45           | 34  | 28  | 41  | 148   | 21           | 28  | 39  | 47  | 135   | 283               |       |
| 0500            | 26           | 32  | 46  | 59  | 163   | 70           | 95  | 114 | 142 | 421   | 584               |       |
| 0600            | 45           | 53  | 90  | 133 | 321   | 166          | 187 | 274 | 263 | 890   | 1211              |       |
| 0700            | 113          | 173 | 249 | 291 | 826   | 355          | 409 | 424 | 457 | 1645  | 2471              |       |
| 0800            | 214          | 245 | 292 | 264 | 1015  | 1214         | 314 | 323 | 291 | 2142  | 3157              |       |
| 0900            | 347          | 325 | 304 | 304 | 1280  | 357          | 338 | 294 | 337 | 1326  | 2606              |       |
| 1000            | 311          | 301 | 330 | 336 | 1278  | 329          | 302 | 271 | 301 | 1203  | 2481              |       |
| 1100            | 310          | 312 | 369 | 278 | 1269  | 302          | 288 | 333 | 325 | 1248  | 2517              |       |
| 1200            | 329          | 315 | 344 | 337 | 1325  | 337          | 317 | 365 | 347 | 1366  | 2691              |       |
| 1300            | 317          | 375 | 362 | 301 | 1355  | 310          | 328 | 347 | 334 | 1319  | 2674              |       |
| 1400            | 449          | 369 | 387 | 436 | 1641  | 319          | 346 | 348 | 339 | 1352  | 2993              |       |
| 1500            | 332          | 401 | 389 | 398 | 1520  | 356          | 337 | 355 | 335 | 1383  | 2903              |       |
| 1600            | 421          | 445 | 438 | 441 | 1745  | 392          | 423 | 412 | 442 | 1669  | 3414              |       |
| 1700            | 537          | 574 | 489 | 546 | 2146  | 500          | 432 | 383 | 366 | 1681  | 3827              |       |
| 1800            | 454          | 553 | 465 | 446 | 1918  | 331          | 298 | 270 | 284 | 1183  | 3101              |       |
| 1900            | 404          | 391 | 368 | 399 | 1562  | 246          | 199 | 192 | 163 | 800   | 2362              |       |
| 2000            | 312          | 290 | 239 | 206 | 1047  | 168          | 146 | 141 | 144 | 599   | 1646              |       |
| 2100            | 185          | 164 | 165 | 164 | 678   | 138          | 115 | 124 | 133 | 510   | 1188              |       |
| 2200            | 142          | 133 | 122 | 134 | 531   | 137          | 111 | 87  | 97  | 432   | 963               |       |
| 2300            | 143          | 115 | 144 | 112 | 514   | 73           | 59  | 52  | 49  | 233   | 747               |       |
| 24-HOUR TOTALS: |              |     |     |     | 23189 |              |     |     |     |       | 21860             | 45049 |

| PEAK VOLUME INFORMATION |      |        |              |        |                     |        |
|-------------------------|------|--------|--------------|--------|---------------------|--------|
| DIRECTION: N            |      |        | DIRECTION: S |        | COMBINED DIRECTIONS |        |
| A.M.                    | HOUR | VOLUME | HOUR         | VOLUME | HOUR                | VOLUME |
|                         | 845  | 1240   | 715          | 2504   | 715                 | 3431   |
| P.M.                    | 1700 | 2146   | 1630         | 1786   | 1700                | 3827   |
| DAILY                   | 1700 | 2146   | 715          | 2504   | 1700                | 3827   |



# **Growth Rates**

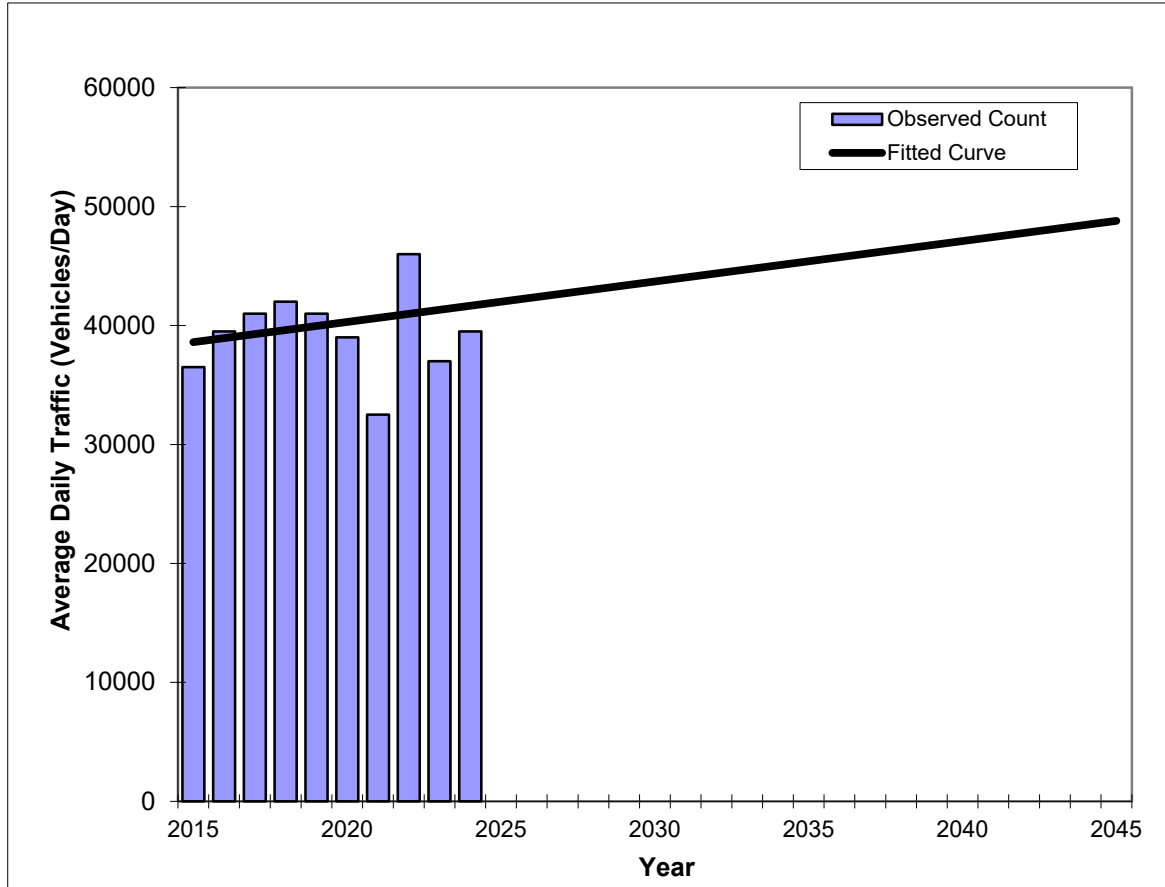


## Traffic Trends - V2023

-- SR 845/POWERLINE RD - N OF CYPRESS CREEK RD

|          |   |
|----------|---|
| FM #     |   |
| Location | 1 |

|            |              |
|------------|--------------|
| County:    | Broward (86) |
| Station #: | 860131       |
| Roadway:   |              |



| Year                    | Traffic (ADT/AADT) |        |
|-------------------------|--------------------|--------|
|                         | Count*             | Trend  |
| 2015                    | 36,500             | 38,600 |
| 2016                    | 39,500             | 38,940 |
| 2017                    | 41,000             | 39,280 |
| 2018                    | 42,000             | 39,620 |
| 2019                    | 41,000             | 39,960 |
| 2020                    | 39,000             | 40,300 |
| 2021                    | 32,500             | 40,640 |
| 2022                    | 46,000             | 40,980 |
| 2023                    | 37,000             | 41,320 |
| 2024                    | 39,500             | 41,660 |
| 2026 Opening Year Trend |                    |        |
| 2026                    | N/A                | 42,340 |
| 2035 Interim Year Trend |                    |        |
| 2035                    | N/A                | 45,400 |
| 2045 Design Year Trend  |                    |        |
| 2045                    | N/A                | 48,800 |
| FSUTMS Forecasts/Trends |                    |        |
|                         |                    |        |

|   |           |
|---|-----------|
| Annual Trend Increase:                  | 340       |
| Trend R-squared:                        | 15.98%    |
| Trend Annual Historic Growth Rate:      | 0.88%     |
| Trend Growth Rate (2024 to Design Year) | 0.82%     |
| Printed:                                | 7/10/2025 |
| Linear Growth Option                    |           |

\*Axle-Adjusted

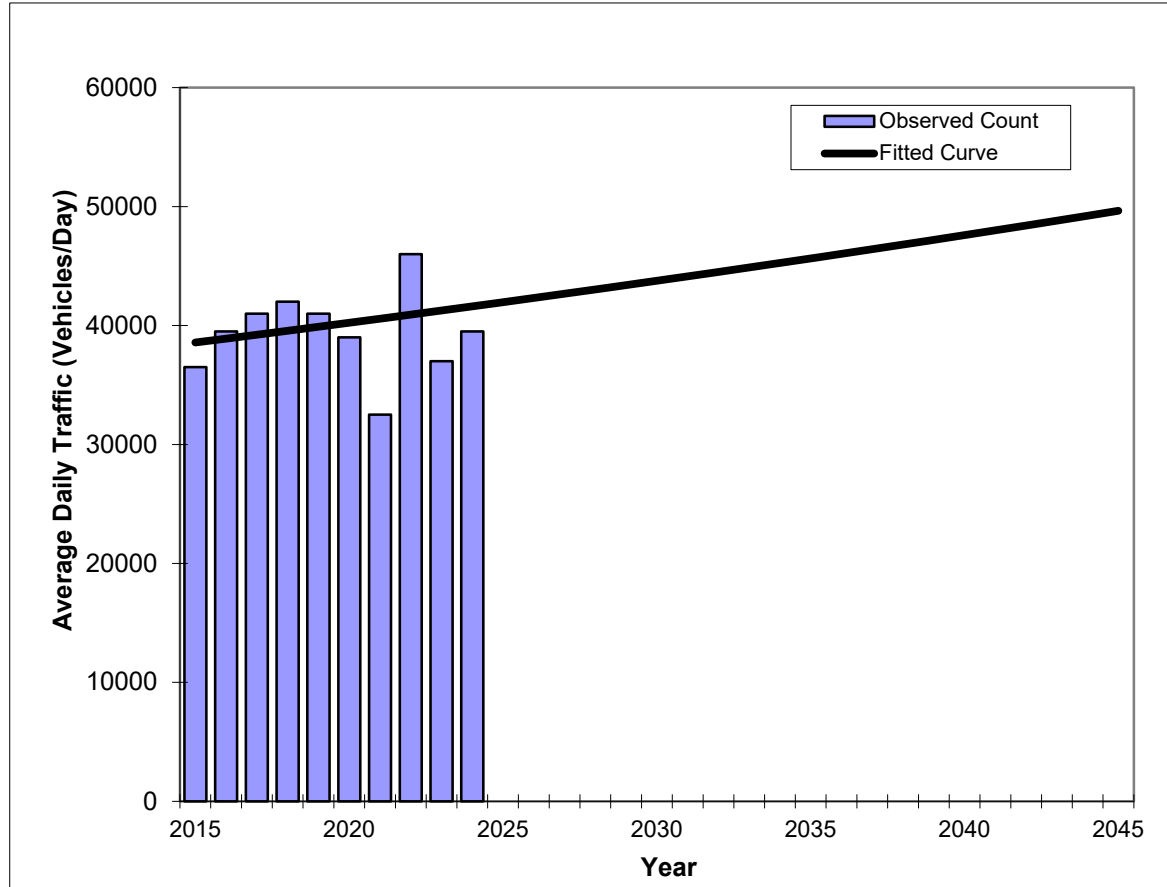


## Traffic Trends - V2023

-- SR 845/POWERLINE RD - N OF CYPRESS CREEK RD

|          |   |
|----------|---|
| FM #     |   |
| Location | 1 |

|            |              |
|------------|--------------|
| County:    | Broward (86) |
| Station #: | 860131       |
| Roadway:   |              |



| Year                    | Traffic (ADT/AADT) |        |
|-------------------------|--------------------|--------|
|                         | Count*             | Trend  |
| 2015                    | 36,500             | 38,570 |
| 2016                    | 39,500             | 38,900 |
| 2017                    | 41,000             | 39,220 |
| 2018                    | 42,000             | 39,560 |
| 2019                    | 41,000             | 39,890 |
| 2020                    | 39,000             | 40,230 |
| 2021                    | 32,500             | 40,570 |
| 2022                    | 46,000             | 40,910 |
| 2023                    | 37,000             | 41,260 |
| 2024                    | 39,500             | 41,600 |
| 2026 Opening Year Trend |                    |        |
| 2026                    | N/A                | 42,310 |
| 2035 Interim Year Trend |                    |        |
| 2035                    | N/A                | 45,640 |
| 2045 Design Year Trend  |                    |        |
| 2045                    | N/A                | 49,640 |
| FSUTMS Forecasts/Trends |                    |        |
|                         |                    |        |

|  |           |
|--|-----------|
| Trend R-squared:                             | 16.50%    |
| Compounded Annual Historic Growth Rate:      | 0.84%     |
| Compounded Growth Rate (2024 to Design Year) | 0.84%     |
| Printed:                                     | 7/10/2025 |
| Exponential Growth Option                    |           |

\*Axle-Adjusted

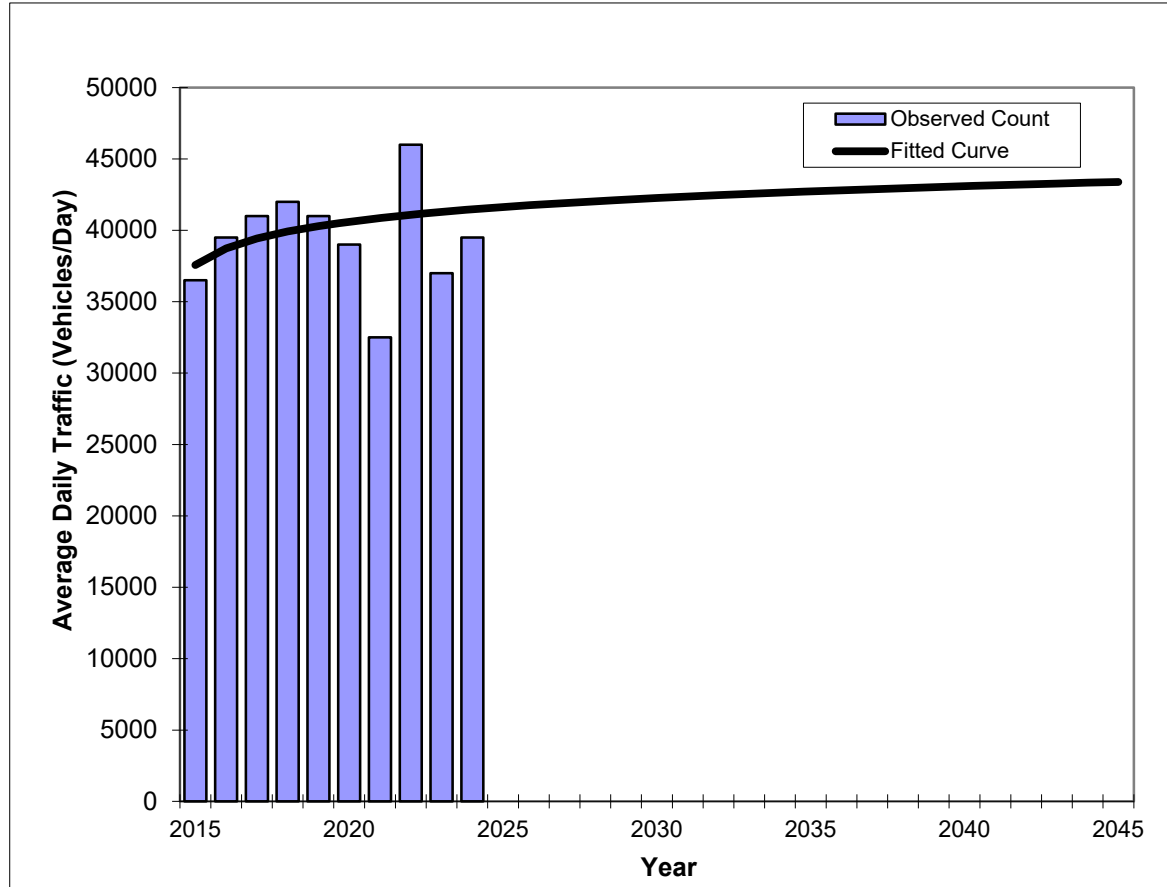


## Traffic Trends - V2023

-- SR 845/POWERLINE RD - N OF CYPRESS CREEK RD

|          |   |
|----------|---|
| FM #     |   |
| Location | 1 |

|            |              |
|------------|--------------|
| County:    | Broward (86) |
| Station #: | 860131       |
| Roadway:   |              |



| Year                    | Traffic (ADT/AADT) |        |
|-------------------------|--------------------|--------|
|                         | Count*             | Trend  |
| 2015                    | 36,500             | 37,570 |
| 2016                    | 39,500             | 38,740 |
| 2017                    | 41,000             | 39,430 |
| 2018                    | 42,000             | 39,920 |
| 2019                    | 41,000             | 40,300 |
| 2020                    | 39,000             | 40,610 |
| 2021                    | 32,500             | 40,870 |
| 2022                    | 46,000             | 41,090 |
| 2023                    | 37,000             | 41,290 |
| 2024                    | 39,500             | 41,470 |
| 2026 Opening Year Trend |                    |        |
| 2026                    | N/A                | 41,780 |
| 2035 Interim Year Trend |                    |        |
| 2035                    | N/A                | 42,730 |
| 2045 Design Year Trend  |                    |        |
| 2045                    | N/A                | 43,390 |
| FSUTMS Forecasts/Trends |                    |        |
|                         |                    |        |

|  |           |
|--|-----------|
| Trend R-squared:                             | 23.29%    |
| Compounded Annual Historic Growth Rate:      | 1.10%     |
| Compounded Growth Rate (2024 to Design Year) | 0.22%     |
| Printed:                                     | 7/10/2025 |
| Decaying Exponential Growth Option           |           |

\*Axle-Adjusted

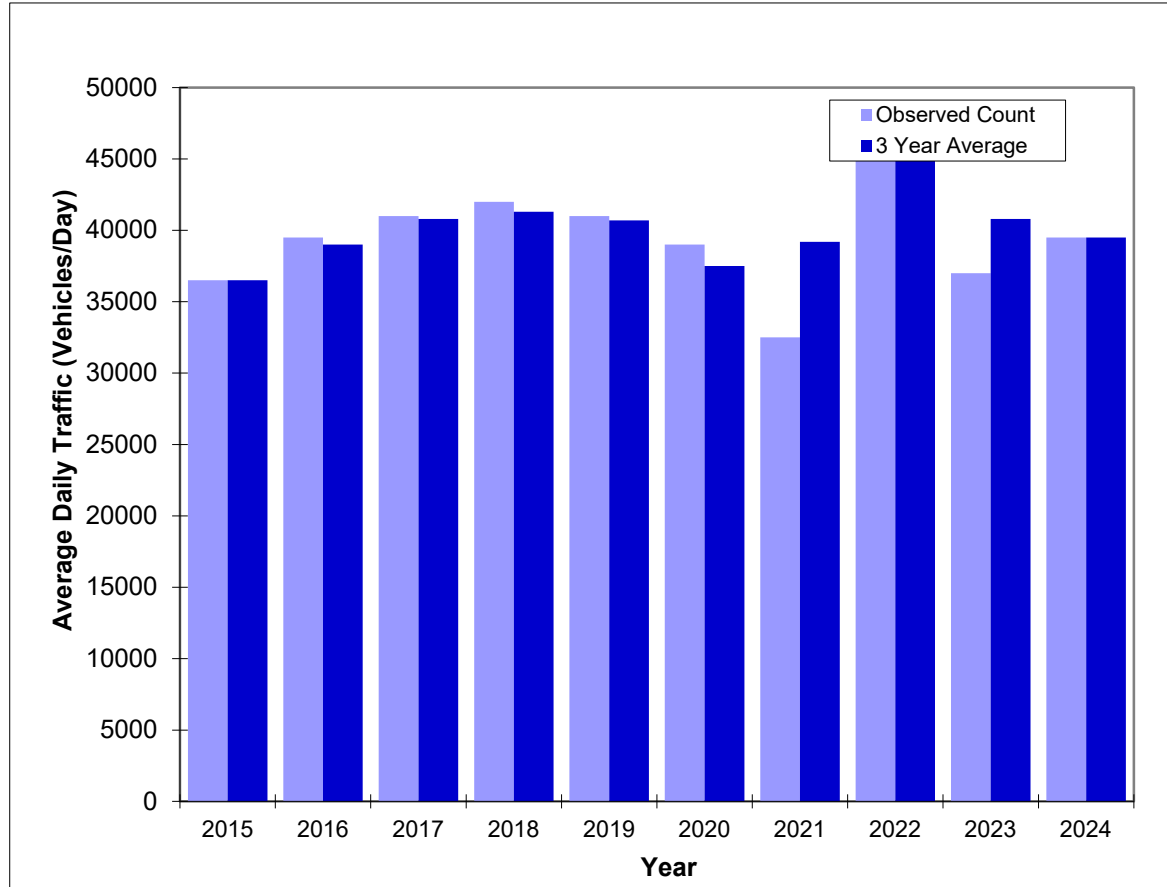


## Traffic Trends - V2023

-- SR 845/POWERLINE RD - N OF CYPRESS CREEK RD

|          |   |
|----------|---|
| FM #     |   |
| Location | 1 |

|            |              |
|------------|--------------|
| County:    | Broward (86) |
| Station #: | 860131       |
| Roadway:   |              |



|                                      |
|--------------------------------------|
|                                      |
| <b>Actual AADT vs 3 Year Average</b> |

| Year | Traffic (ADT/AADT) |          |
|------|--------------------|----------|
|      | Count*             | 3 Yr Avg |
| 2015 | 36,500             | 36,500   |
| 2016 | 39,500             | 39,000   |
| 2017 | 41,000             | 40,800   |
| 2018 | 42,000             | 41,300   |
| 2019 | 41,000             | 40,700   |
| 2020 | 39,000             | 37,500   |
| 2021 | 32,500             | 39,200   |
| 2022 | 46,000             | 46,000   |
| 2023 | 37,000             | 40,800   |
| 2024 | 39,500             | 39,500   |

\*Axle-Adjusted