



City of Albuquerque

Planning Department
Development Review Services Division

Traffic Scoping Form (REV 12/2020)

Project Title: Gibson 98th Gas Station **Building Permit #:** _____ **Hydrology File #:** _____
Zone Atlas Page: M-09-Z **DRB#:** 1001896 **EPC#:** 1002819 **Work Order#:** _____
Legal Description: TR E-5-A-2 PLAT of TRS E-5-A-1 & E-5-A-2 Albuquerque South Unit 3 Cont 2.7263 AC
City Address: 99999 Gibson Blvd SW Albuquerque, NM
Applicant: ATWELL LLC. **Contact:** Jonathon Kruse
 Lee Engineering
 jkruse@lee-eng.com
Address: 143 Union Boulevard, Suite 700 ALkewood, CO 80228
Phone#: 806-358-7069 **Fax#:** _____ **E-mail:** csveum@atwell-group.com

Development Information

Build out/Implementation Year: 2023 **Current/Proposed Zoning:** _____

Project Type: New: (X) Change of Use: () Same Use/Unchanged: () Same Use/Increased Activity: ()

Proposed Use (mark all that apply): Residential: () Office: () Retail: () Mixed-Use: ()

Describe development and Uses:

Gas station with 12 fuel pumps (24 fueling positions) and convenience store

Days and Hours of Operation (if known): _____

Facility

12 fuel pumps (24 fueling positions)
and 5.6 KSF convenience store

Building Size (sq. ft.): _____

Number of Residential Units: _____

Number of Commercial Units: _____

Traffic Considerations

Expected Number of Daily Visitors/Patrons (if known):* _____

Expected Number of Employees (if known):* _____

Expected Number of Delivery Trucks/Buses per Day (if known):* _____

Trip Generations during PM/AM Peak Hour (if known):* AM: 379 enter / 380 exit
PM: 323 enter / 323 exit

Driveway(s) Located on: Street Name Gibson Blvd & 98th St

Adjacent Roadway(s) Posted Speed: Street Name Gibson Blvd Posted Speed 40 MPH

Street Name 98th St Posted Speed 35 MPH

Roadway Information (adjacent to site)

Comprehensive Plan Corridor Designation/Functional Classification: Community Principal Arterial
(arterial, collector, local, main street)

Comprehensive Plan Center Designation: Neighborhood Center
(urban center, employment center, activity center)

Jurisdiction of roadway (NMDOT, City, County): City

Adjacent Roadway(s) Traffic Volume: 14,034 Volume-to-Capacity Ratio: .75 - 1.0
(if applicable)

Adjacent Transit Service(s): 198 Nearest Transit Stop(s): 98th & Gibson

Is site within 660 feet of Premium Transit?: NO

Current/Proposed Bicycle Infrastructure: Ex bike lanes
(bike lanes, trails)

Current/Proposed Sidewalk Infrastructure: Proposed sidewalks on site frontage

Relevant Web-sites for Filling out Roadway Information:

City GIS Information: <http://www.cabq.gov/gis/advanced-map-viewer>

Comprehensive Plan Corridor/Designation: <https://abc-zone.com/document/abc-comp-plan-chapter-5-land-use> (map after Page 5-5)

Road Corridor Classification: <https://www.mrcog-nm.gov/DocumentCenter/View/1920/Long-Range-Roadway-System-LRRS-PDF?bidId=>

Traffic Volume and V/C Ratio: <https://www.mrcog-nm.gov/285/Traffic-Counts> and <https://public.mrcog-nm.gov/taqa/>

Bikeways: http://documents.cabq.gov/planning/adopted-longrange-plans/BTFP/Final/BTFP%20FINAL_Jun25.pdf (Map Pages 75 to 81)

TIS Determination

Note: Changes made to development proposals / assumptions, from the information provided above, will result in a new TIS determination.

Traffic Impact Study (TIS) Required: Yes ☒ No ☐ Borderline ☐

Thresholds Met? Yes ☒ No ☐

Mitigating Reasons for Not Requiring TIS: _____ Previously Studied: ☐

Notes:

M. P. E.

10/25/2022

TRAFFIC ENGINEER

DATE

Submittal

The Scoping Form must be submitted as part of any building permit application, DRB application, or EPC application. See the Development Process Manual Chapter 7.4 for additional information.

Submit by email to the City Traffic Engineer mgrush@cabq.gov . Call 924-3362 for information.

Site Plan/Traffic Scoping Checklist

Site plan, building size in sq. ft. (show new, existing, remodel), to include the following items as applicable:

1. Access -- location and width of driveways
2. Sidewalks (Check DPM and IDO for sidewalk requirements. Also, Centers have wider sidewalk requirements.)
3. Bike Lanes (check for designated bike routes, long range bikeway system) ([*check MRCOG Bikeways and Trails in the 2040 MTP map*](#))
4. Location of nearby multi-use trails, if applicable ([*check MRCOG Bikeways and Trails in the 2040 MTP map*](#))
5. Location of nearby transit stops, transit stop amenities (eg. bench, shelter). Note if site is within 660 feet of premium transit.
6. Adjacent roadway(s) configuration (number of lanes, lane widths, turn bays, medians, etc.)
7. Distance from access point(s) to nearest adjacent driveways/intersections.
8. Note if site is within a Center and more specifically if it is within an Urban Center.
9. Note if site is adjacent to a Main Street.
10. Identify traffic volumes on adjacent roadway per MRCOG information. If site generates more than 100 vehicles per hour, identify v/c ratio on this form.

Convenience Store/Gas Station - GFA (5.5-10k) (945)

Vehicle Trip Ends vs: Vehicle Fueling Positions
On a: Weekday

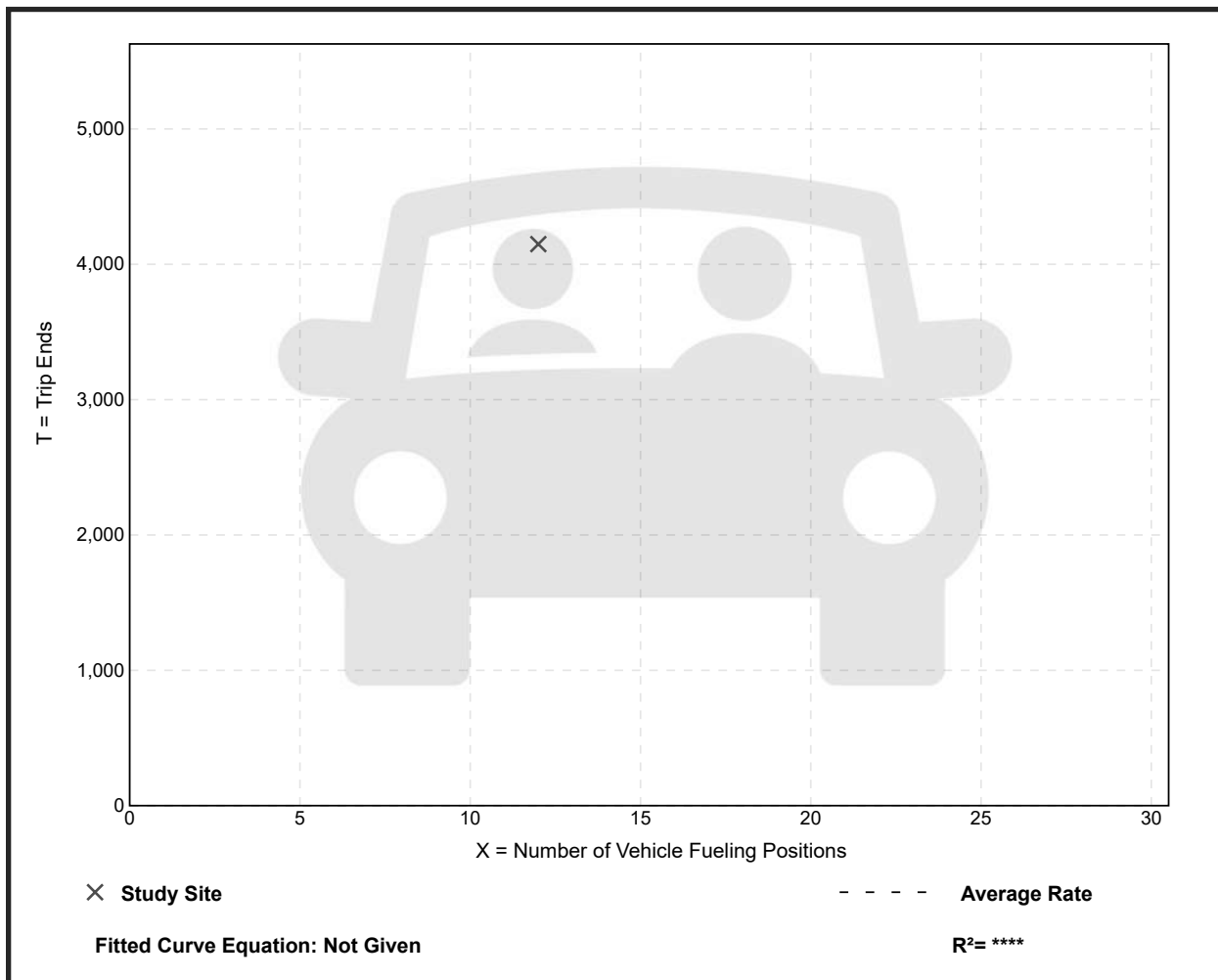
Setting/Location: General Urban/Suburban
Number of Studies: 1
Avg. Num. of Vehicle Fueling Positions: 12
Directional Distribution: 50% entering, 50% exiting

Vehicle Trip Generation per Vehicle Fueling Position

Average Rate	Range of Rates	Standard Deviation
345.75	345.75 - 345.75	*

Data Plot and Equation

Caution – Small Sample Size



Convenience Store/Gas Station - GFA (5.5-10k) (945)

Vehicle Trip Ends vs: Vehicle Fueling Positions

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: 29

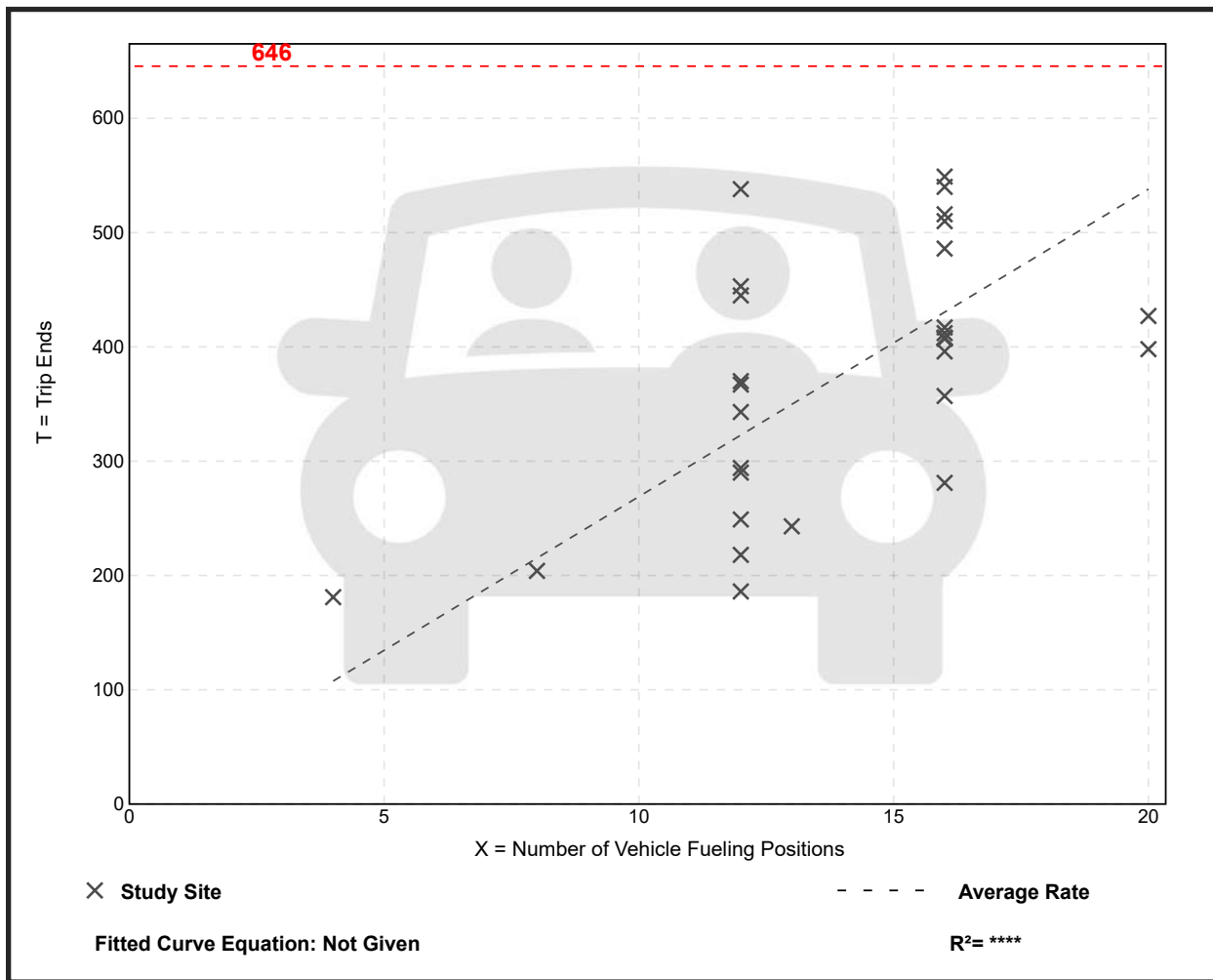
Avg. Num. of Vehicle Fueling Positions: 14

Directional Distribution: 50% entering, 50% exiting

Vehicle Trip Generation per Vehicle Fueling Position

Average Rate	Range of Rates	Standard Deviation
26.90	15.50 - 45.25	6.87

Data Plot and Equation



Convenience Store/Gas Station - GFA (5.5-10k) (945)

Vehicle Trip Ends vs: Vehicle Fueling Positions

On a: Weekday,
Peak Hour of Adjacent Street Traffic,
One Hour Between 7 and 9 a.m.

Setting/Location: General Urban/Suburban

Number of Studies: 29

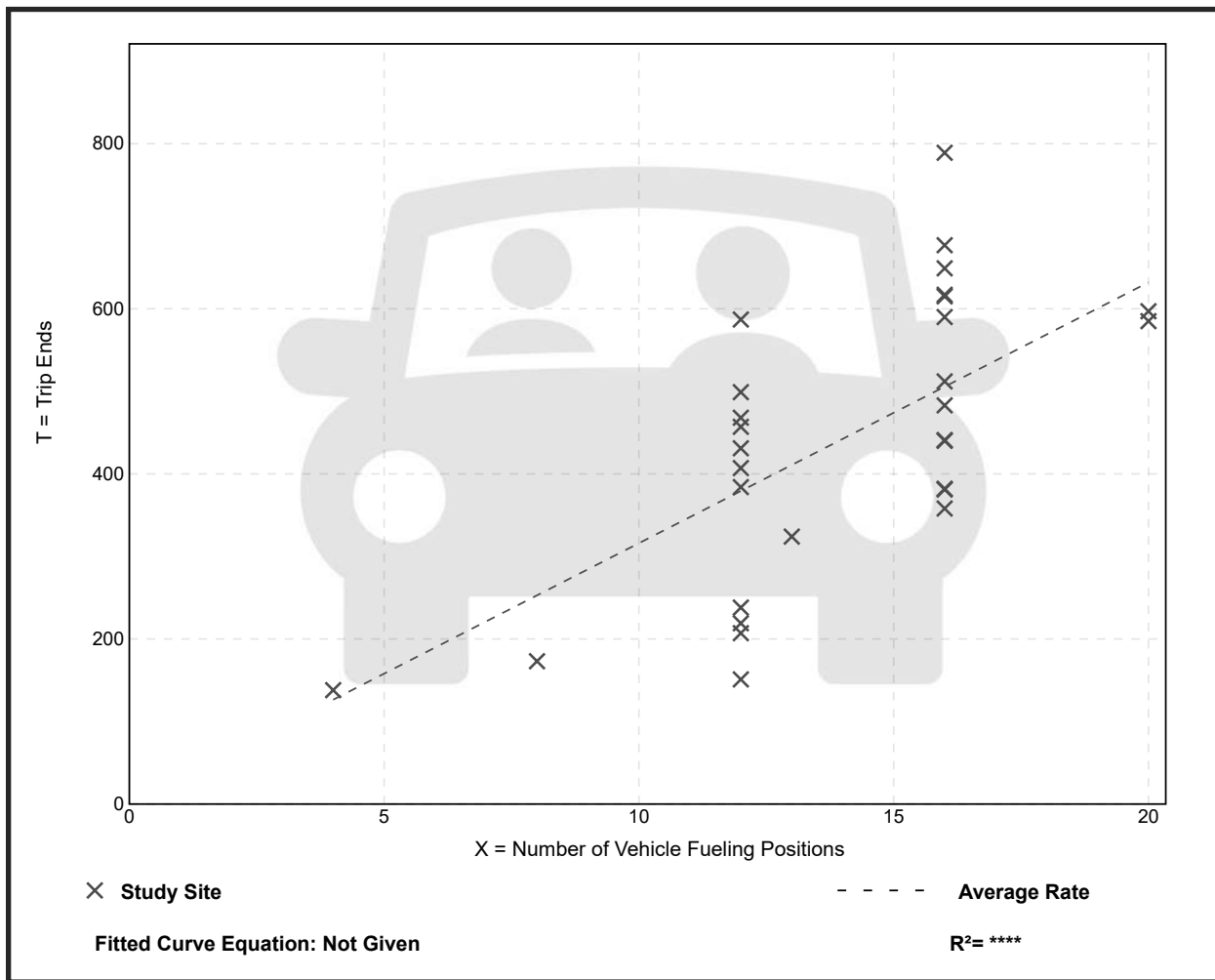
Avg. Num. of Vehicle Fueling Positions: 14

Directional Distribution: 50% entering, 50% exiting

Vehicle Trip Generation per Vehicle Fueling Position

Average Rate	Range of Rates	Standard Deviation
31.60	12.58 - 49.31	9.10

Data Plot and Equation





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City Address: 99999 Gibson Blvd SW Albuquerque, NM
Applicant: Sims Architects **Contact:** Jonathon Kruse
Address: 2810 Duniven Circle, Suite 100, Amarillo, TX, 79109 Lee Engineering
Phone#: 806-358-7069 Fax#: _____ E-mail: jkruse@lee-eng.com
rsims@sims-architects.com

Development Information

Build out/Implementation Year: 2023 **Current/Proposed Zoning:** _____

Project Type: New: (X) Change of Use: () Same Use/Unchanged: () Same Use/Increased Activity: ()

Proposed Use (mark all that apply): Residential: () Office: () Retail: () Mixed-Use: ()

Describe development and Uses:

Gas station with 8 fuel pumps (16 fueling positions) and convenience store

Days and Hours of Operation (if known): _____

Facility

8 fuel pumps (16 fueling positions)
and 6.5 KSF convenience store

Building Size (sq. ft.): _____

Number of Residential Units: _____

Number of Commercial Units: _____

Traffic Considerations

Expected Number of Daily Visitors/Patrons (if known):* _____

Expected Number of Employees (if known):* _____

Expected Number of Delivery Trucks/Buses per Day (if known):* _____

Trip Generations during PM/AM Peak Hour (if known):* AM: 250 enter / 251 exit
PM: 224 enter / 224 exit

Driveway(s) Located on: Street Name Gibson Blvd & 98th St

Adjacent Roadway(s) Posted Speed: Street Name Gibson Blvd Posted Speed 40 MPH

Street Name 98th St Posted Speed 35 MPH

* If these values are not known, assumptions will be made by City staff. Depending on the assumptions, a full TIS may be required

Roadway Information (adjacent to site)

Comprehensive Plan Corridor Designation/Functional Classification: Community Principal Arterial
(arterial, collector, local, main street)

Activity Center

Comprehensive Plan Center Designation: _____
(urban center, employment center, activity center)

Jurisdiction of roadway (NMDOT, City, County): City

Adjacent Roadway(s) Traffic Volume: 14,034 Volume-to-Capacity Ratio: .75 - 1.0
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Adjacent Transit Service(s): 198 Nearest Transit Stop(s): 98th & Gibson

Is site within 660 feet of Premium Transit?: NO

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Traffic Volume and V/C Ratio: <https://www.mrcog-nm.gov/285/Traffic-Counts> and <https://public.mrcog-nm.gov/taqa/>

Bikeways: http://documents.cabq.gov/planning/adopted-longrange-plans/BTFP/Final/BTFP%20FINAL_Jun25.pdf (Map Pages 75 to 81)

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M. P. E.

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Convenience Store/Gas Station - GFA (5.5-10k) (945)

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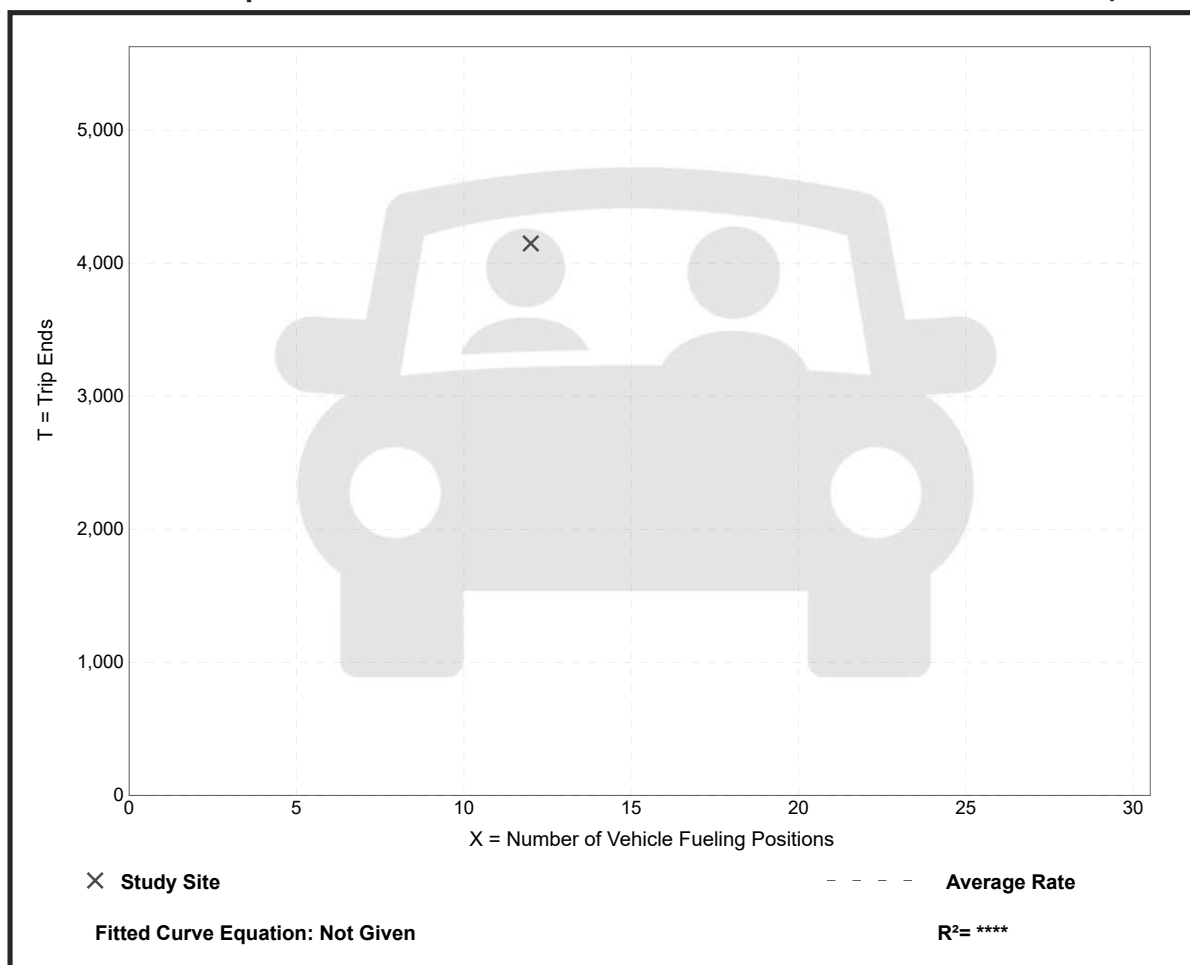
Setting/Location: General Urban/Suburban
Number of Studies: 1
Avg. Num. of Vehicle Fueling Positions: 12
Directional Distribution: 50% entering, 50% exiting

Vehicle Trip Generation per Vehicle Fueling Position

Average Rate	Range of Rates	Standard Deviation
345.75	345.75 - 345.75	*

Data Plot and Equation

Caution – Small Sample Size



Trip Gen Manual, 11th Edition

● Institute of Transportation Engineers

Convenience Store/Gas Station - GFA (5.5-10k)

(945)

Vehicle Trip Ends vs: Vehicle Fueling Positions

On a: Weekday,

AM Peak Hour of Generator

Setting/Location: General Urban/Suburban

Number of Studies: 28

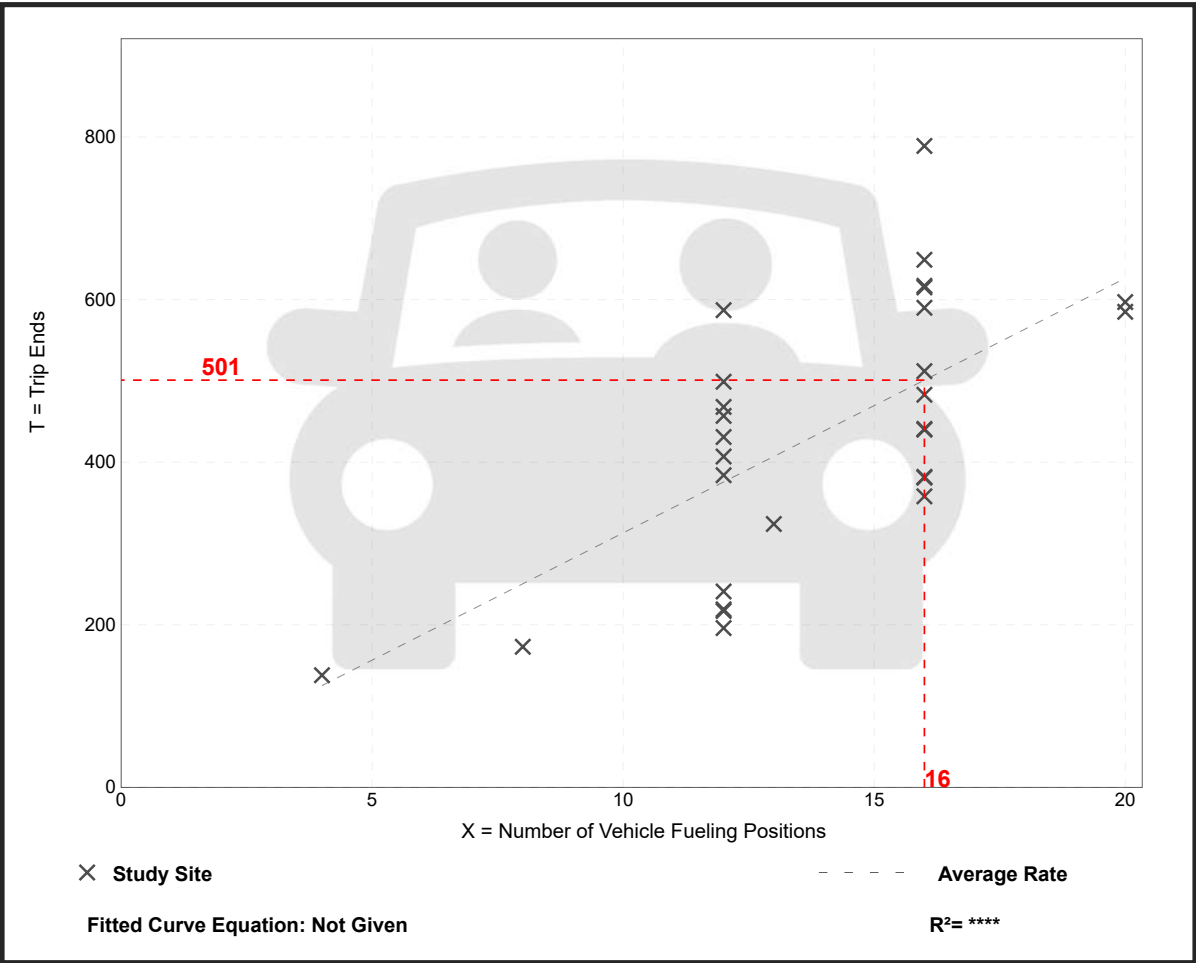
Avg. Num. of Vehicle Fueling Positions: 14

Directional Distribution: 50% entering, 50% exiting

Vehicle Trip Generation per Vehicle Fueling Position

Average Rate	Range of Rates	Standard Deviation
31.31	16.33 - 49.31	8.74

Data Plot and Equation



Convenience Store/Gas Station - GFA (5.5-10k) (945)

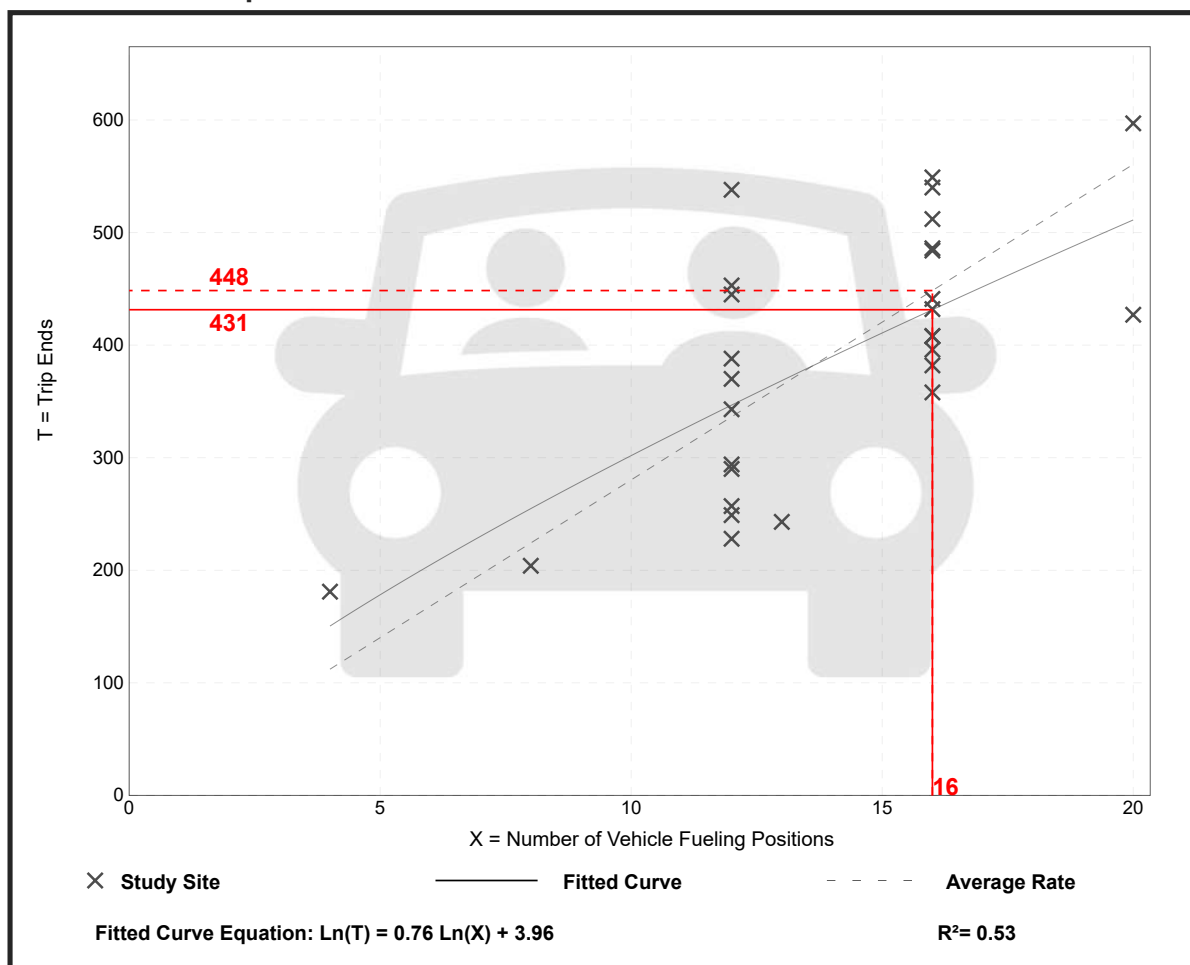
Vehicle Trip Ends vs: Vehicle Fueling Positions
On a: Weekday,
PM Peak Hour of Generator

Setting/Location: General Urban/Suburban
Number of Studies: 28
Avg. Num. of Vehicle Fueling Positions: 14
Directional Distribution: 50% entering, 50% exiting

Vehicle Trip Generation per Vehicle Fueling Position

Average Rate	Range of Rates	Standard Deviation
28.03	18.69 - 45.25	6.19

Data Plot and Equation



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